

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/26/2023

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	21.44	22.85	21.36	18.93	19.74	21.52	22.37	24.23	26.55	27.09	35.94	36.94	36.36	40.17	41.84	42.07	39.05	40.51	38.05	34.99	38.95	35.73	34.32	32.78
24138	1.23	1.29	1.22	1.02	1.09	1.18	1.29	1.23	1.39	1.80	2.50	2.68	2.95	3.53	4.04	4.11	3.65	3.64	3.29	2.73	1.61	1.97	2.37	2.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.32	-3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.15	-18.56	-9.17	-3.89	-3.94
74TH STREET_GT_1	21.48	22.90	21.41	18.97	19.79	21.57	22.41	24.25	26.56	27.09	35.96	36.98	36.41	40.23	41.94	42.16	39.14	40.61	38.15	35.06	39.00	35.82	34.42	32.86
24260	1.27	1.35	1.27	1.06	1.13	1.23	1.33	1.25	1.40	1.80	2.52	2.72	2.99	3.60	4.14	4.21	3.75	3.74	3.39	2.80	1.66	2.06	2.47	2.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.31	-3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.15	-18.56	-9.17	-3.89	-3.94
74TH STREET_GT_2	21.48	22.90	21.41	18.97	19.79	21.57	22.41	24.25	26.56	27.09	35.96	36.98	36.41	40.23	41.94	42.16	39.14	40.61	38.15	35.06	39.00	35.82	34.42	32.86
24261	1.27	1.35	1.27	1.06	1.13	1.23	1.33	1.25	1.40	1.80	2.52	2.72	2.99	3.60	4.14	4.21	3.75	3.74	3.39	2.80	1.66	2.06	2.47	2.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.31	-3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.15	-18.56	-9.17	-3.89	-3.94
ADK HUDSON___FALLS	21.42	22.89	21.43	19.02	19.85	21.64	22.44	21.51	23.40	26.51	34.99	35.99	35.49	39.07	40.47	40.80	38.32	39.97	38.09	41.94	79.68	56.08	42.89	32.29
24011	1.22	1.33	1.29	1.11	1.19	1.30	1.36	1.09	1.09	1.22	1.54	1.73	2.08	2.43	2.67	2.84	2.92	3.09	3.33	2.78	1.78	2.27	2.43	2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	-0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.05	-59.12	-29.22	-12.39	-3.47
ADK RESOURCE___RCVRY	21.62	23.07	21.59	19.14	19.99	21.80	22.63	21.64	23.52	26.66	35.23	36.27	35.81	39.42	40.81	41.19	38.77	40.47	38.57	42.32	80.12	56.45	43.20	32.57
23798	1.42	1.52	1.45	1.24	1.34	1.45	1.55	1.22	1.21	1.37	1.79	2.01	2.40	2.78	3.01	3.24	3.37	3.60	3.82	3.12	2.00	2.54	2.70	2.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	-0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.08	-59.33	-29.32	-12.44	-3.48
ADK S GLENS___FALLS	21.42	22.89	21.43	19.02	19.85	21.64	22.44	21.51	23.40	26.51	34.99	35.99	35.49	39.07	40.47	40.80	38.32	39.97	38.09	41.94	79.68	56.08	42.89	32.29
24028	1.22	1.33	1.29	1.11	1.19	1.30	1.36	1.09	1.09	1.22	1.54	1.73	2.08	2.43	2.67	2.84	2.92	3.09	3.33	2.78	1.78	2.27	2.43	2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	-0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.05	-59.12	-29.22	-12.39	-3.47
ADK_NYS___DAM	21.21	22.83	21.47	19.06	19.87	21.63	22.31	21.47	23.33	26.16	34.66	35.54	35.07	38.63	40.02	39.87	37.30	38.84	36.96	39.31	67.61	49.73	39.91	31.37
23527	1.00	1.27	1.33	1.15	1.21	1.29	1.24	0.94	0.90	0.88	1.21	1.28	1.66	1.99	2.21	1.91	1.90	1.97	2.20	2.13	1.35	1.68	1.90	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	-0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.07	-47.48	-23.46	-9.95	-3.02
AIR_PRODUCTS___DRP	20.47	21.95	20.60	18.32	19.09	20.76	21.46	20.70	22.55	25.46	33.64	34.43	33.88	37.34	38.74	38.80	36.21	37.65	35.61	36.68	59.10	44.89	37.21	29.93
24190	0.26	0.40	0.46	0.41	0.43	0.42	0.39	0.25	0.21	0.17	0.19	0.17	0.47	0.70	0.93	0.85	0.82	0.78	0.85	0.80	0.49	0.61	0.80	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.76	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.77	-39.83	-19.68	-8.35	-2.58
AKWESSNE_115KV_BK	20.01	21.27	19.83	17.61	18.35	20.02	20.75	19.47	21.30	24.96	32.89	33.47	32.44	35.35	26.76	-6.92	-3.29	-23.24	6.71	26.21	14.36	20.84	27.34	26.02
355683	-0.20	-0.29	-0.31	-0.30	-0.31	-0.32	-0.33	-0.22	-0.21	-0.33	-0.55	-0.79	-0.98	-1.29	-1.52	-1.66	-1.58	-1.67	-1.54	-1.24	-0.76	-0.68	-0.72	-0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.53	43.22	37.11	58.43	26.51	1.67	3.67	3.06	0.00	0.00
ALBANY___1	20.47	21.95	20.60	18.32	19.09	20.76	21.46	20.70	22.55	25.46	33.64	34.43	33.88	37.34	38.74	38.80	36.21	37.65	35.61	36.68	59.10	44.89	37.21	29.93
23571	0.26	0.40	0.46	0.41	0.43	0.42	0.39	0.25	0.21	0.17	0.19	0.17	0.47	0.70	0.93	0.85	0.82	0.78	0.85	0.80	0.49	0.61	0.80	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.76	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.77	-39.83	-19.68	-8.35	-2.58
ALBANY___2	20.47	21.95	20.60	18.32	19.09	20.76	21.46	20.70	22.55	25.46	33.64	34.43	33.88	37.34	38.74	38.80	36.21	37.65	35.61	36.68	59.10	44.89	37.21	29.93
23572	0.26	0.40	0.46	0.41	0.43	0.42	0.39	0.25	0.21	0.17	0.19	0.17	0.47	0.70	0.93	0.85	0.82	0.78	0.85	0.80	0.49	0.61	0.80	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.76	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.77	-39.83	-19.68	-8.35	-2.58
ALBANY___3	20.47	21.95	20.60	18.32	19.09	20.76	21.46	20.70	22.55	25.46	33.64	34.43	33.88	37.34	38.74	38.80	36.21	37.65	35.61	36.68	59.10	44.89	37.21	29.93
23573	0.26	0.40	0.46	0.41	0.43	0.42	0.39	0.25	0.21	0.17	0.19	0.17	0.47	0.70	0.93	0.85	0.82	0.78	0.85	0.80	0.49	0.61	0.80	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.76	-0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.77	-39.83	-19.68	-8.35	-2.58

ALBANY___4 23574	20.47 0.26 0.00	21.95 0.40 0.00	20.60 0.46 0.00	18.32 0.41 0.00	19.09 0.43 0.00	20.76 0.42 0.00	21.46 0.39 0.00	20.70 0.25 -0.76	22.55 0.21 -0.83	25.46 0.17 0.00	33.64 0.19 0.00	34.43 0.17 0.00	33.88 0.47 0.00	37.34 0.70 0.00	38.74 0.93 0.00	38.80 0.85 0.00	36.21 0.82 0.00	37.65 0.78 0.00	35.61 0.85 0.00	36.68 0.80 -6.77	59.10 0.49 -39.83	44.89 0.61 -19.68	37.21 0.80 -8.35	29.93 0.75 -2.58
ALBANY___LFGE 323615	20.69 0.49 0.00	22.19 0.64 0.00	20.83 0.69 0.00	18.51 0.60 0.00	19.29 0.63 0.00	20.99 0.65 0.00	21.71 0.63 0.00	20.93 0.48 -0.75	22.81 0.47 -0.83	25.77 0.48 0.00	34.08 0.64 0.00	34.93 0.67 0.00	34.40 0.99 0.00	37.92 1.28 0.00	39.36 1.55 0.00	39.43 1.48 0.00	36.80 1.40 0.00	38.26 1.39 0.00	36.17 1.41 0.00	38.12 1.27 -7.75	65.16 0.78 -45.59	48.09 0.97 -22.53	38.79 1.17 -9.56	30.53 1.08 -2.85
ALCOA_PA_115KV_PL-6C 55860	20.07 -0.14 0.00	21.31 -0.24 0.00	19.88 -0.26 0.00	17.64 -0.26 0.00	18.39 -0.27 0.00	20.07 -0.27 0.00	20.81 -0.26 0.00	19.52 -0.17 0.00	21.36 -0.15 0.00	25.02 -0.26 0.00	32.99 -0.45 0.00	33.57 -0.68 0.00	33.83 -0.90 -1.31	37.18 -1.20 -1.74	26.45 -1.45 9.91	-11.84 -1.86 47.93	-3.78 -1.87 37.31	-26.82 -1.98 61.71	4.10 -1.79 28.86	25.86 -1.45 1.80	13.71 -0.83 4.25	20.42 -0.62 3.55	27.42 -0.64 0.00	26.08 -0.52 0.00
ALCOA_RYNLDS___DRP 24188	20.07 -0.14 0.00	21.31 -0.24 0.00	19.88 -0.26 0.00	17.64 -0.26 0.00	18.39 -0.27 0.00	20.07 -0.27 0.00	20.81 -0.26 0.00	19.52 -0.17 0.00	21.36 -0.15 0.00	25.02 -0.26 0.00	32.99 -0.45 0.00	33.57 -0.68 0.00	33.83 -0.90 -1.31	37.18 -1.20 -1.74	26.45 -1.45 9.91	-11.84 -1.86 47.93	-3.78 -1.87 37.31	-26.82 -1.98 61.71	4.10 -1.79 28.86	25.86 -1.45 1.80	13.71 -0.83 4.25	20.42 -0.62 3.55	27.42 -0.64 0.00	26.08 -0.52 0.00
ALCOA___DSASP 323711	20.07 -0.14 0.00	21.31 -0.24 0.00	19.88 -0.26 0.00	17.65 -0.26 0.00	18.39 -0.27 0.00	20.07 -0.27 0.00	20.81 -0.26 0.00	19.52 -0.17 0.00	21.36 -0.15 0.00	25.03 -0.26 0.00	32.99 -0.45 0.00	33.57 -0.68 0.00	33.83 -0.90 -1.31	37.17 -1.20 -1.74	26.45 -1.45 9.91	-11.84 -1.86 47.93	-3.78 -1.87 37.31	-26.83 -1.99 61.71	4.10 -1.80 28.86	25.86 -1.45 1.80	13.71 -0.83 4.25	20.42 -0.62 3.55	27.42 -0.64 0.00	26.08 -0.52 0.00
ALLEGHENY___COGEN 23514	21.66 1.45 0.00	22.91 1.36 0.00	21.17 1.03 0.00	18.80 0.90 0.00	19.57 0.91 0.00	21.45 1.11 0.00	22.40 1.32 0.00	21.10 1.41 0.00	22.90 1.39 0.00	26.72 1.43 0.00	34.65 1.21 0.00	35.71 1.45 0.00	33.78 0.37 0.00	36.16 -0.48 0.00	36.70 -1.11 0.00	37.21 -0.74 0.00	33.79 -0.36 1.26	36.66 -0.06 0.16	34.85 0.09 0.00	30.17 0.47 -0.59	22.71 0.47 -3.45	26.12 -0.17 -1.71	29.39 0.61 -0.72	27.95 1.19 -0.16
ALTAMONT_115KV_TB 2 55880	20.74 0.53 0.00	22.23 0.67 0.00	20.83 0.69 0.00	18.51 0.60 0.00	19.29 0.64 0.00	21.01 0.66 0.00	21.73 0.65 0.00	20.93 0.50 -0.74	22.81 0.49 -0.81	25.82 0.53 0.00	34.16 0.71 0.00	34.99 0.74 0.00	34.40 0.99 0.00	37.89 1.25 0.00	39.31 1.50 0.00	39.39 1.44 0.00	36.74 1.35 0.00	38.20 1.33 0.00	36.10 1.35 0.00	36.40 1.21 -6.08	55.32 0.76 -35.77	43.22 0.95 -17.68	36.70 1.14 -7.50	30.03 1.06 -2.37
ALTONA_WT_PWR 323606	20.56 0.35 0.00	21.58 0.03 0.00	19.98 -0.17 0.00	17.55 -0.36 0.00	18.26 -0.40 0.00	19.82 -0.52 0.00	20.60 -0.48 0.00	19.58 -0.11 0.00	21.70 0.19 0.00	25.23 -0.06 0.00	32.55 -0.89 0.00	32.53 -1.72 0.00	-4.13 -2.49 35.05	-12.65 -2.99 46.30	1.19 -3.18 33.43	-14.30 -3.06 49.20	-21.68 -2.64 54.44	-27.99 -2.55 62.31	2.88 -2.43 29.45	23.63 -1.83 3.65	14.02 -1.16 3.60	20.31 -1.27 3.01	26.81 -1.25 0.00	26.01 -0.59 0.00
AMERICAN_REF_FUEL 24010	20.73 0.53 0.00	21.98 0.43 0.00	20.30 0.16 0.00	17.98 0.08 0.00	18.64 -0.02 0.00	20.49 0.15 0.00	21.35 0.27 0.00	20.08 0.39 0.00	21.97 0.46 0.00	25.98 0.69 0.00	34.48 1.04 0.00	35.70 1.44 0.00	34.27 0.86 0.00	37.45 0.81 0.00	38.53 0.72 0.00	38.52 0.56 0.00	34.67 0.53 1.26	37.94 1.24 0.17	35.32 0.56 0.00	29.90 0.26 -0.53	22.20 0.30 -3.12	25.68 -0.45 -1.54	27.81 -0.90 -0.65	25.96 -0.78 -0.15
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.88 0.67 0.00	22.19 0.64 0.00	20.50 0.36 0.00	18.15 0.25 0.00	18.82 0.16 0.00	20.68 0.34 0.00	21.67 0.59 0.00	20.47 0.78 0.00	22.59 1.08 0.00	26.81 1.52 0.00	35.57 2.13 0.00	37.03 2.77 0.00	35.51 2.10 0.00	39.26 2.63 0.00	40.39 2.58 0.00	40.55 2.60 0.00	36.10 1.93 1.23	38.94 2.24 0.17	36.07 1.32 0.00	30.43 0.73 -0.59	22.81 0.54 -3.48	26.18 -0.13 -1.72	28.43 -0.35 -0.73	26.15 -0.62 -0.16
ARTHUR_KILL_GT_1 23520	21.35 1.14 0.00	22.74 1.19 0.00	21.26 1.12 0.00	18.84 0.93 0.00	19.65 0.99 0.00	21.41 1.07 0.00	22.14 1.06 0.00	21.50 0.93 -0.88	22.49 1.08 0.10	26.70 1.42 0.01	35.41 1.99 0.02	36.24 2.19 0.21	35.87 2.50 0.05	36.34 3.02 3.31	36.42 3.50 4.89	37.59 3.57 3.94	38.56 3.16 0.01	40.03 3.17 0.00	37.74 2.98 0.00	34.96 2.69 -3.16	38.83 1.48 -18.56	35.56 1.79 -9.18	34.24 2.29 -3.90	32.64 2.10 -3.94
ARTHUR_KILL_2 23512	21.28 1.07 0.00	22.67 1.12 0.00	21.20 1.06 0.00	18.79 0.89 0.00	19.60 0.94 0.00	21.35 1.01 0.00	22.08 1.00 0.00	21.43 0.87 -0.88	22.41 1.01 0.10	26.62 1.34 0.01	35.29 1.87 0.02	36.11 2.06 0.21	35.74 2.37 0.05	36.20 2.87 3.31	36.25 3.33 4.89	37.40 3.39 3.94	38.38 2.99 0.01	39.86 2.99 0.00	37.57 2.81 0.00	34.82 2.55 -3.16	38.74 1.40 -18.56	35.45 1.69 -9.18	34.13 2.17 -3.90	32.54 2.00 -3.94
ARTHUR_KILL_3 23513	21.16 0.95 0.00	22.56 1.00 0.00	21.10 0.95 0.00	18.70 0.79 0.00	19.50 0.84 0.00	21.23 0.89 0.00	22.02 0.97 0.03	21.48 0.90 -0.88	22.44 1.03 0.10	26.66 1.37 0.00	35.39 1.95 0.00	36.37 2.11 0.00	35.82 2.41 0.00	37.83 2.92 1.73	39.57 3.41 1.65	38.80 3.48 2.62	38.49 3.09 0.00	39.92 3.05 0.00	37.56 2.80 0.00	34.60 2.34 -3.15	38.72 1.38 -18.56	35.43 1.67 -9.17	34.00 2.05 -3.89	32.48 1.94 -3.94
ARTHUR_KILL_COGEN 323718	21.35 1.14 0.00	22.74 1.19 0.00	21.26 1.12 0.00	18.84 0.93 0.00	19.65 0.99 0.00	21.41 1.07 0.00	22.14 1.06 0.00	21.50 0.93 -0.88	22.49 1.08 0.10	26.70 1.42 0.01	35.41 1.99 0.02	36.24 2.19 0.21	35.87 2.50 0.05	36.34 3.02 3.31	36.42 3.50 4.89	37.59 3.57 3.94	38.56 3.16 0.01	40.03 3.17 0.00	37.74 2.98 0.00	34.96 2.69 -3.16	38.83 1.48 -18.56	35.56 1.79 -9.18	34.24 2.29 -3.90	32.64 2.10 -3.94
ASHOKAN____ 23654	20.91 0.71 0.00	22.39 0.84 0.00	21.00 0.85 0.00	18.65 0.74 0.00	19.45 0.79 0.00	21.19 0.84 0.00	21.97 0.89 0.00	20.42 0.73 0.00	22.25 0.74 0.00	26.09 0.80 0.00	34.48 1.04 0.00	35.11 0.85 0.00	34.52 1.11 0.00	38.23 1.59 0.00	39.81 2.00 0.00	40.07 2.12 0.00	37.36 1.96 0.00	39.00 2.13 0.00	36.96 2.20 0.00	35.74 1.89 -4.74	47.83 1.17 -27.87	39.77 1.41 -13.78	35.55 1.65 -5.84	29.44 1.52 -1.32

ASTORIA_EAST_ENERGY_CC1 323581	21.28 1.07 0.00	22.69 1.13 0.00	21.22 1.07 0.00	18.81 0.90 0.00	19.60 0.94 0.00	21.38 1.04 0.00	22.19 1.11 0.00	23.96 0.96 -3.31	26.29 1.14 -3.65	26.75 1.46 0.00	35.43 1.98 0.00	36.41 2.16 0.00	35.88 2.46 0.00	39.69 3.05 0.00	41.43 3.63 0.00	41.71 3.75 0.00	38.44 3.04 0.00	39.91 3.03 0.00	37.46 2.70 0.00	34.58 2.31 -3.15	38.67 1.33 -18.56	35.45 1.69 -9.17	34.08 2.14 -3.89	32.53 1.99 -3.94
ASTORIA_EAST_ENERGY_CC2 323582	21.28 1.07 0.00	22.69 1.13 0.00	21.22 1.07 0.00	18.81 0.90 0.00	19.60 0.94 0.00	21.38 1.04 0.00	22.18 1.10 0.00	23.96 0.96 -3.31	26.29 1.14 -3.65	26.75 1.46 0.00	35.43 1.98 0.00	36.41 2.16 0.00	35.88 2.46 0.00	39.69 3.05 0.00	41.43 3.63 0.00	41.71 3.75 0.00	38.44 3.04 0.00	39.91 3.03 0.00	37.46 2.70 0.00	34.58 2.31 -3.15	38.67 1.33 -18.56	35.45 1.69 -9.17	34.08 2.14 -3.89	32.53 1.99 -3.94
ASTORIA_GT2_1 24094	21.29 1.08 0.00	22.70 1.15 0.00	21.22 1.08 0.00	18.82 0.91 0.00	19.61 0.95 0.00	21.39 1.05 0.00	22.19 1.11 0.00	23.98 0.97 -3.31	26.30 1.15 -3.65	26.76 1.47 0.00	35.45 2.01 0.00	36.43 2.17 0.00	35.90 2.48 0.00	39.72 3.08 0.00	41.44 3.63 0.00	41.70 3.75 0.00	38.45 3.05 0.00	39.91 3.04 0.00	37.48 2.72 0.00	34.58 2.32 -3.15	38.68 1.33 -18.56	35.46 1.70 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
ASTORIA_GT2_2 24095	21.29 1.08 0.00	22.70 1.15 0.00	21.22 1.08 0.00	18.82 0.91 0.00	19.61 0.95 0.00	21.39 1.05 0.00	22.19 1.11 0.00	23.98 0.97 -3.31	26.30 1.15 -3.65	26.76 1.47 0.00	35.45 2.01 0.00	36.43 2.17 0.00	35.90 2.48 0.00	39.72 3.08 0.00	41.44 3.63 0.00	41.70 3.75 0.00	38.45 3.05 0.00	39.91 3.04 0.00	37.48 2.72 0.00	34.58 2.32 -3.15	38.68 1.33 -18.56	35.46 1.70 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
ASTORIA_GT2_3 24096	21.29 1.08 0.00	22.70 1.15 0.00	21.22 1.08 0.00	18.82 0.91 0.00	19.61 0.95 0.00	21.39 1.05 0.00	22.19 1.11 0.00	23.98 0.97 -3.31	26.30 1.15 -3.65	26.76 1.47 0.00	35.45 2.01 0.00	36.43 2.17 0.00	35.90 2.48 0.00	39.72 3.08 0.00	41.44 3.63 0.00	41.70 3.75 0.00	38.45 3.05 0.00	39.91 3.04 0.00	37.48 2.72 0.00	34.58 2.32 -3.15	38.68 1.33 -18.56	35.46 1.70 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
ASTORIA_GT2_4 24097	21.29 1.08 0.00	22.70 1.15 0.00	21.22 1.08 0.00	18.82 0.91 0.00	19.61 0.95 0.00	21.39 1.05 0.00	22.19 1.11 0.00	23.98 0.97 -3.31	26.30 1.15 -3.65	26.76 1.47 0.00	35.45 2.01 0.00	36.43 2.17 0.00	35.90 2.48 0.00	39.72 3.08 0.00	41.44 3.63 0.00	41.70 3.75 0.00	38.45 3.05 0.00	39.91 3.04 0.00	37.48 2.72 0.00	34.58 2.32 -3.15	38.68 1.33 -18.56	35.46 1.70 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
ASTORIA_GT3_1 24098	21.29 1.08 0.00	22.70 1.15 0.00	21.22 1.08 0.00	18.82 0.91 0.00	19.61 0.95 0.00	21.39 1.05 0.00	22.19 1.11 0.00	23.98 0.97 -3.31	26.30 1.15 -3.65	26.76 1.47 0.00	35.45 2.01 0.00	36.43 2.17 0.00	35.90 2.48 0.00	39.72 3.08 0.00	41.44 3.63 0.00	41.70 3.75 0.00	38.45 3.05 0.00	39.91 3.04 0.00	37.48 2.72 0.00	34.58 2.32 -3.15	38.68 1.33 -18.56	35.46 1.70 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
ASTORIA_GT3_2 24099	21.29 1.08 0.00	22.70 1.15 0.00	21.22 1.08 0.00	18.82 0.91 0.00	19.61 0.95 0.00	21.39 1.05 0.00	22.19 1.11 0.00	23.98 0.97 -3.31	26.30 1.15 -3.65	26.76 1.47 0.00	35.45 2.01 0.00	36.43 2.17 0.00	35.90 2.48 0.00	39.72 3.08 0.00	41.44 3.63 0.00	41.70 3.75 0.00	38.45 3.05 0.00	39.91 3.04 0.00	37.48 2.72 0.00	34.58 2.32 -3.15	38.68 1.33 -18.56	35.46 1.70 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
ASTORIA_GT3_3 24100	21.29 1.08 0.00	22.70 1.15 0.00	21.22 1.08 0.00	18.82 0.91 0.00	19.61 0.95 0.00	21.39 1.05 0.00	22.19 1.11 0.00	23.98 0.97 -3.31	26.30 1.15 -3.65	26.76 1.47 0.00	35.45 2.01 0.00	36.43 2.17 0.00	35.90 2.48 0.00	39.72 3.08 0.00	41.44 3.63 0.00	41.70 3.75 0.00	38.45 3.05 0.00	39.91 3.04 0.00	37.48 2.72 0.00	34.58 2.32 -3.15	38.68 1.33 -18.56	35.46 1.70 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
ASTORIA_GT3_4 24101	21.29 1.08 0.00	22.70 1.15 0.00	21.22 1.08 0.00	18.82 0.91 0.00	19.61 0.95 0.00	21.39 1.05 0.00	22.19 1.11 0.00	23.98 0.97 -3.31	26.30 1.15 -3.65	26.76 1.47 0.00	35.45 2.01 0.00	36.43 2.17 0.00	35.90 2.48 0.00	39.72 3.08 0.00	41.44 3.63 0.00	41.70 3.75 0.00	38.45 3.05 0.00	39.91 3.04 0.00	37.48 2.72 0.00	34.58 2.32 -3.15	38.68 1.33 -18.56	35.46 1.70 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
ASTORIA_GT4_1 24102	21.29 1.08 0.00	22.70 1.15 0.00	21.22 1.08 0.00	18.82 0.91 0.00	19.61 0.95 0.00	21.39 1.05 0.00	22.19 1.11 0.00	23.98 0.97 -3.31	26.30 1.15 -3.65	26.76 1.47 0.00	35.45 2.01 0.00	36.43 2.17 0.00	35.90 2.48 0.00	39.72 3.08 0.00	41.44 3.63 0.00	41.70 3.75 0.00	38.45 3.05 0.00	39.91 3.04 0.00	37.48 2.72 0.00	34.58 2.32 -3.15	38.68 1.33 -18.56	35.46 1.70 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
ASTORIA_GT4_2 24103	21.29 1.08 0.00	22.70 1.15 0.00	21.22 1.08 0.00	18.82 0.91 0.00	19.61 0.95 0.00	21.39 1.05 0.00	22.19 1.11 0.00	23.98 0.97 -3.31	26.30 1.15 -3.65	26.76 1.47 0.00	35.45 2.01 0.00	36.43 2.17 0.00	35.90 2.48 0.00	39.72 3.08 0.00	41.44 3.63 0.00	41.70 3.75 0.00	38.45 3.05 0.00	39.91 3.04 0.00	37.48 2.72 0.00	34.58 2.32 -3.15	38.68 1.33 -18.56	35.46 1.70 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
ASTORIA_GT4_3 24104	21.29 1.08 0.00	22.70 1.15 0.00	21.22 1.08 0.00	18.82 0.91 0.00	19.61 0.95 0.00	21.39 1.05 0.00	22.19 1.11 0.00	23.98 0.97 -3.31	26.30 1.15 -3.65	26.76 1.47 0.00	35.45 2.01 0.00	36.43 2.17 0.00	35.90 2.48 0.00	39.72 3.08 0.00	41.44 3.63 0.00	41.70 3.75 0.00	38.45 3.05 0.00	39.91 3.04 0.00	37.48 2.72 0.00	34.58 2.32 -3.15	38.68 1.33 -18.56	35.46 1.70 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
ASTORIA_GT4_4 24105	21.29 1.08 0.00	22.70 1.15 0.00	21.22 1.08 0.00	18.82 0.91 0.00	19.61 0.95 0.00	21.39 1.05 0.00	22.19 1.11 0.00	23.98 0.97 -3.31	26.30 1.15 -3.65	26.76 1.47 0.00	35.45 2.01 0.00	36.43 2.17 0.00	35.90 2.48 0.00	39.72 3.08 0.00	41.44 3.63 0.00	41.70 3.75 0.00	38.45 3.05 0.00	39.91 3.04 0.00	37.48 2.72 0.00	34.58 2.32 -3.15	38.68 1.33 -18.56	35.46 1.70 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
ASTORIA_GT_1 23523	21.34 1.13 0.00	22.75 1.20 0.00	21.27 1.12 0.00	18.85 0.95 0.00	19.65 0.99 0.00	21.43 1.09 0.00	22.24 1.16 0.00	24.02 1.02 -3.31	26.36 1.20 -3.65	26.83 1.54 0.00	35.54 2.10 0.00	36.54 2.28 0.00	35.99 2.58 0.00	39.82 3.18 0.00	41.56 3.75 0.00	41.83 3.88 0.00	38.57 3.17 0.00	40.04 3.17 0.00	37.58 2.82 0.00	34.68 2.41 -3.15	38.73 1.38 -18.56	35.53 1.77 -9.17	34.17 2.23 -3.89	32.61 2.07 -3.94

ASTORIA_GT_10 24110	21.30 1.09 0.00	22.70 1.14 0.00	21.23 1.08 0.00	18.82 0.91 0.00	19.62 0.96 0.00	21.38 1.04 0.00	22.20 1.12 0.00	24.04 1.03 -3.31	26.32 1.17 -3.65	26.79 1.50 0.00	35.52 2.07 0.00	36.48 2.22 0.00	35.93 2.52 0.00	39.71 3.07 0.00	41.35 3.54 0.00	41.57 3.62 0.00	38.55 3.15 0.00	40.00 3.13 0.00	37.57 2.82 0.00	34.68 2.42 -3.15	38.72 1.38 -18.56	35.47 1.71 -9.17	34.10 2.15 -3.89	32.58 2.04 -3.94
ASTORIA_GT_11 24225	21.30 1.09 0.00	22.70 1.14 0.00	21.23 1.08 0.00	18.82 0.91 0.00	19.62 0.96 0.00	21.38 1.04 0.00	22.20 1.12 0.00	24.04 1.03 -3.31	26.32 1.17 -3.65	26.79 1.50 0.00	35.52 2.07 0.00	36.48 2.22 0.00	35.93 2.52 0.00	39.71 3.07 0.00	41.35 3.54 0.00	41.57 3.62 0.00	38.55 3.15 0.00	40.00 3.13 0.00	37.57 2.82 0.00	34.68 2.42 -3.15	38.72 1.38 -18.56	35.47 1.71 -9.17	34.10 2.15 -3.89	32.58 2.04 -3.94
ASTORIA_GT_12 24226	21.30 1.09 0.00	22.70 1.14 0.00	21.23 1.08 0.00	18.82 0.91 0.00	19.62 0.96 0.00	21.38 1.04 0.00	22.20 1.12 0.00	24.04 1.03 -3.31	26.32 1.17 -3.65	26.79 1.50 0.00	35.52 2.07 0.00	36.48 2.22 0.00	35.93 2.52 0.00	39.71 3.07 0.00	41.35 3.54 0.00	41.57 3.62 0.00	38.55 3.15 0.00	40.00 3.13 0.00	37.57 2.82 0.00	34.68 2.42 -3.15	38.72 1.38 -18.56	35.47 1.71 -9.17	34.10 2.15 -3.89	32.58 2.04 -3.94
ASTORIA_GT_13 24227	21.30 1.09 0.00	22.70 1.14 0.00	21.23 1.08 0.00	18.82 0.91 0.00	19.62 0.96 0.00	21.38 1.04 0.00	22.20 1.12 0.00	24.04 1.03 -3.31	26.32 1.17 -3.65	26.79 1.50 0.00	35.52 2.07 0.00	36.48 2.22 0.00	35.93 2.52 0.00	39.71 3.07 0.00	41.35 3.54 0.00	41.57 3.62 0.00	38.55 3.15 0.00	40.00 3.13 0.00	37.57 2.82 0.00	34.68 2.42 -3.15	38.72 1.38 -18.56	35.47 1.71 -9.17	34.10 2.15 -3.89	32.58 2.04 -3.94
ASTORIA_GT_5 24106	21.34 1.13 0.00	22.75 1.20 0.00	21.27 1.12 0.00	18.85 0.95 0.00	19.65 0.99 0.00	21.43 1.09 0.00	22.24 1.16 0.00	24.02 1.02 -3.31	26.36 1.20 -3.65	26.83 1.54 0.00	35.54 2.10 0.00	36.54 2.28 0.00	35.99 2.58 0.00	39.82 3.18 0.00	41.56 3.75 0.00	41.83 3.88 0.00	38.57 3.17 0.00	40.04 3.17 0.00	37.58 2.82 0.00	34.68 2.41 -3.15	38.73 1.38 -18.56	35.53 1.77 -9.17	34.17 2.23 -3.89	32.61 2.07 -3.94
ASTORIA_GT_7 24107	21.34 1.13 0.00	22.75 1.20 0.00	21.27 1.12 0.00	18.85 0.95 0.00	19.65 0.99 0.00	21.43 1.09 0.00	22.24 1.16 0.00	24.02 1.02 -3.31	26.36 1.20 -3.65	26.83 1.54 0.00	35.54 2.10 0.00	36.54 2.28 0.00	35.99 2.58 0.00	39.82 3.18 0.00	41.56 3.75 0.00	41.83 3.88 0.00	38.57 3.17 0.00	40.04 3.17 0.00	37.58 2.82 0.00	34.68 2.41 -3.15	38.73 1.38 -18.56	35.53 1.77 -9.17	34.17 2.23 -3.89	32.61 2.07 -3.94
ASTORIA_GT_8 24108	21.34 1.13 0.00	22.75 1.20 0.00	21.27 1.12 0.00	18.86 0.95 0.00	19.65 0.99 0.00	21.43 1.09 0.00	22.24 1.16 0.00	24.03 1.02 -3.31	26.36 1.20 -3.65	26.83 1.54 0.00	35.55 2.10 0.00	36.54 2.28 0.00	36.00 2.58 0.00	39.83 3.19 0.00	41.55 3.75 0.00	41.83 3.88 0.00	38.58 3.18 0.00	40.04 3.17 0.00	37.58 2.83 0.00	34.67 2.41 -3.15	38.73 1.39 -18.56	35.54 1.78 -9.17	34.17 2.23 -3.89	32.61 2.07 -3.94
ASTORIA___2 24149	21.29 1.09 0.00	22.70 1.15 0.00	21.23 1.08 0.00	18.82 0.91 0.00	19.61 0.95 0.00	21.39 1.05 0.00	22.19 1.11 0.00	23.98 0.97 -3.31	26.30 1.15 -3.65	26.76 1.47 0.00	35.44 2.00 0.00	36.43 2.18 0.00	35.89 2.48 0.00	39.71 3.07 0.00	41.44 3.63 0.00	41.71 3.76 0.00	38.46 3.06 0.00	39.92 3.05 0.00	37.47 2.72 0.00	34.60 2.33 -3.15	38.67 1.33 -18.56	35.46 1.70 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
ASTORIA___3 23516	21.30 1.10 0.00	22.70 1.14 0.00	21.23 1.08 0.00	18.81 0.91 0.00	19.62 0.96 0.00	21.38 1.04 0.00	22.20 1.12 0.00	24.04 1.03 -3.31	26.32 1.17 -3.65	26.79 1.50 0.00	35.51 2.07 0.00	36.48 2.22 0.00	35.93 2.52 0.00	39.69 3.05 0.00	41.35 3.54 0.00	41.58 3.62 0.00	38.55 3.15 0.00	40.00 3.13 0.00	37.57 2.82 0.00	34.69 2.42 -3.15	38.72 1.38 -18.56	35.47 1.70 -9.17	34.10 2.15 -3.89	32.58 2.04 -3.94
ASTORIA___4 23517	21.30 1.09 0.00	22.70 1.14 0.00	21.23 1.08 0.00	18.82 0.91 0.00	19.62 0.96 0.00	21.38 1.04 0.00	22.20 1.12 0.00	24.04 1.03 -3.31	26.32 1.17 -3.65	26.79 1.50 0.00	35.52 2.07 0.00	36.48 2.22 0.00	35.93 2.52 0.00	39.71 3.07 0.00	41.35 3.54 0.00	41.57 3.61 0.00	38.55 3.15 0.00	39.99 3.12 0.00	37.57 2.82 0.00	34.68 2.42 -3.15	38.72 1.38 -18.56	35.47 1.71 -9.17	34.10 2.15 -3.89	32.58 2.04 -3.94
ASTORIA___5 23518	21.30 1.10 0.00	22.70 1.15 0.00	21.23 1.08 0.00	18.81 0.91 0.00	19.62 0.96 0.00	21.38 1.04 0.00	22.20 1.12 0.00	24.04 1.03 -3.31	26.32 1.17 -3.65	26.79 1.50 0.00	35.51 2.07 0.00	36.48 2.22 0.00	35.93 2.52 0.00	39.69 3.05 0.00	41.35 3.54 0.00	41.58 3.63 0.00	38.55 3.15 0.00	40.00 3.13 0.00	37.57 2.82 0.00	34.69 2.42 -3.15	38.72 1.38 -18.56	35.47 1.70 -9.17	34.10 2.15 -3.89	32.58 2.04 -3.94
AST_ENERGY_2_CC3 323677	21.26 1.05 0.00	22.67 1.11 0.00	21.19 1.05 0.00	18.78 0.88 0.00	19.59 0.93 0.00	21.33 0.99 0.00	22.16 1.08 0.00	24.01 1.00 -3.32	26.29 1.13 -3.65	26.76 1.47 0.00	35.50 2.06 0.00	36.49 2.23 0.00	35.92 2.51 0.00	39.69 3.06 0.00	41.38 3.57 0.00	41.61 3.66 0.00	38.63 3.23 0.00	40.06 3.19 0.00	37.67 2.91 0.00	34.68 2.41 -3.15	38.76 1.42 -18.56	35.50 1.74 -9.17	34.09 2.14 -3.89	32.56 2.02 -3.94
AST_ENERGY_2_CC4 323678	21.26 1.05 0.00	22.67 1.11 0.00	21.19 1.05 0.00	18.78 0.88 0.00	19.59 0.93 0.00	21.33 0.99 0.00	22.16 1.08 0.00	24.01 1.00 -3.32	26.29 1.13 -3.65	26.76 1.47 0.00	35.50 2.06 0.00	36.49 2.23 0.00	35.92 2.51 0.00	39.69 3.06 0.00	41.38 3.57 0.00	41.61 3.66 0.00	38.63 3.23 0.00	40.06 3.19 0.00	37.67 2.91 0.00	34.68 2.41 -3.15	38.76 1.42 -18.56	35.50 1.74 -9.17	34.09 2.14 -3.89	32.56 2.02 -3.94
ATHENS_STG_1 23668	20.79 0.58 0.00	22.27 0.72 0.00	20.87 0.72 0.00	18.53 0.63 0.00	19.32 0.66 0.00	21.03 0.69 0.00	21.76 0.68 0.00	21.10 0.52 -0.89	23.02 0.54 -0.98	25.95 0.66 0.00	34.40 0.96 0.00	35.31 1.05 0.00	34.72 1.31 0.00	38.27 1.63 0.00	39.76 1.95 0.00	39.87 1.92 0.00	37.13 1.74 0.00	38.57 1.70 0.00	36.34 1.59 0.00	33.83 1.37 -3.35	39.32 0.84 -19.70	35.37 1.05 -9.73	33.44 1.25 -4.13	29.53 1.18 -1.75
ATHENS_STG_2 23670	20.79 0.58 0.00	22.27 0.72 0.00	20.87 0.72 0.00	18.53 0.63 0.00	19.32 0.66 0.00	21.03 0.69 0.00	21.76 0.68 0.00	21.10 0.52 -0.89	23.02 0.54 -0.98	25.95 0.66 0.00	34.40 0.96 0.00	35.31 1.05 0.00	34.72 1.31 0.00	38.27 1.63 0.00	39.76 1.95 0.00	39.87 1.92 0.00	37.13 1.74 0.00	38.57 1.70 0.00	36.34 1.59 0.00	33.83 1.37 -3.35	39.32 0.84 -19.70	35.37 1.05 -9.73	33.44 1.25 -4.13	29.53 1.18 -1.75

ATHENS_STG_3 23677	20.79 0.58 0.00	22.27 0.72 0.00	20.87 0.72 0.00	18.53 0.63 0.00	19.32 0.66 0.00	21.03 0.69 0.00	21.76 0.68 0.00	21.10 0.52 -0.89	23.02 0.54 -0.98	25.95 0.66 0.00	34.40 0.96 0.00	35.31 1.05 0.00	34.72 1.31 0.00	38.27 1.63 0.00	39.76 1.95 0.00	39.87 1.92 0.00	37.13 1.74 0.00	38.57 1.70 0.00	36.34 1.59 0.00	33.83 1.37 -3.35	39.32 0.84 -19.70	35.37 1.05 -9.73	33.44 1.25 -4.13	29.53 1.18 -1.75
AUBURN____LFGE 323710	20.62 0.41 0.00	21.92 0.37 0.00	20.45 0.31 0.00	18.16 0.25 0.00	18.96 0.31 0.00	20.72 0.38 0.00	21.46 0.38 0.00	20.15 0.46 0.00	22.06 0.56 0.00	26.05 0.76 0.00	34.33 0.88 0.00	35.41 1.15 0.00	34.57 1.16 0.00	38.65 1.43 -0.58	40.03 1.35 -0.88	40.90 1.46 -1.49	36.25 1.53 0.68	39.66 1.70 -1.10	37.58 1.65 -1.17	31.14 1.22 -0.80	22.35 0.83 -2.74	27.17 0.79 -1.79	29.30 0.57 -0.68	27.19 0.47 -0.12
BABYLON_RES_REC 323704	21.62 1.41 0.00	22.95 1.40 0.00	21.59 1.44 0.00	19.10 1.20 0.00	19.98 1.32 0.00	21.75 1.41 0.00	22.54 1.46 0.00	24.17 1.19 -3.29	26.53 1.41 -3.62	27.25 1.89 -0.07	36.81 2.86 -0.51	38.37 2.89 -1.23	39.05 3.15 -2.49	41.48 3.45 -1.39	41.45 3.56 -0.09	42.18 3.75 -0.48	38.65 3.25 0.00	40.96 3.09 -1.00	38.57 2.87 -0.95	34.43 2.17 -3.16	38.63 1.28 -18.57	35.33 1.56 -9.17	33.99 2.04 -3.89	32.96 2.45 -3.92
BABYLON__69_KV_BK2 356345	21.86 1.65 0.00	23.18 1.63 0.00	21.81 1.67 0.00	19.31 1.40 0.00	20.20 1.54 0.00	21.98 1.64 0.00	22.78 1.69 0.00	24.36 1.38 -3.29	26.75 1.63 -3.62	27.54 2.18 -0.07	37.30 3.35 -0.51	39.14 3.65 -1.23	39.90 4.00 -2.49	42.49 4.47 -1.38	42.75 4.62 -0.32	44.45 4.72 -1.77	39.54 4.14 0.00	44.57 4.01 -3.69	44.12 3.71 -5.65	35.11 2.85 -3.16	39.06 1.71 -18.57	35.79 2.03 -9.17	34.51 2.56 -3.89	33.29 2.78 -3.91
BARON_WINDS____WT_PWR 323822	20.63 0.42 0.00	21.89 0.34 0.00	20.22 0.08 0.00	17.98 0.07 0.00	18.78 0.12 0.00	20.50 0.16 0.00	21.39 0.31 0.00	20.12 0.43 0.00	22.17 0.66 0.00	26.22 0.94 0.00	34.76 1.31 0.00	36.11 1.85 0.00	34.75 1.34 0.00	38.47 1.83 0.00	39.54 1.73 0.00	39.66 1.70 0.00	35.52 1.29 1.17	38.12 1.42 0.17	35.67 0.91 0.00	30.52 0.67 -0.74	23.55 0.41 -4.36	26.56 -0.18 -2.15	28.62 -0.36 -0.91	26.46 -0.35 -0.21
BARRETT_IC_1 23704	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.91 1.01 0.00	19.76 1.11 0.00	21.52 1.18 0.00	22.23 1.16 0.00	23.91 0.93 -3.29	26.18 1.06 -3.62	26.84 1.48 -0.07	36.29 2.34 -0.51	37.99 2.50 -1.23	38.71 2.81 -2.49	41.28 3.26 -1.39	41.44 3.64 0.00	41.70 3.75 0.00	38.49 3.10 0.01	39.82 2.95 0.01	37.46 2.71 0.01	34.41 2.14 -3.16	38.62 1.27 -18.57	35.38 1.61 -9.18	34.02 2.07 -3.90	32.71 2.19 -3.92
BARRETT_IC_10 23701	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.91 1.01 0.00	19.76 1.11 0.00	21.52 1.18 0.00	22.23 1.16 0.00	23.91 0.93 -3.29	26.18 1.06 -3.62	26.84 1.48 -0.07	36.29 2.34 -0.51	37.99 2.50 -1.23	38.71 2.81 -2.49	41.28 3.26 -1.39	41.44 3.64 0.00	41.70 3.75 0.00	38.49 3.10 0.01	39.82 2.95 0.01	37.46 2.71 0.01	34.41 2.14 -3.16	38.62 1.27 -18.57	35.38 1.61 -9.18	34.02 2.07 -3.90	32.71 2.19 -3.92
BARRETT_IC_11 23702	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.91 1.01 0.00	19.76 1.11 0.00	21.52 1.18 0.00	22.23 1.16 0.00	23.91 0.93 -3.29	26.18 1.06 -3.62	26.84 1.48 -0.07	36.29 2.34 -0.51	37.99 2.50 -1.23	38.71 2.81 -2.49	41.28 3.26 -1.39	41.44 3.64 0.00	41.70 3.75 0.00	38.49 3.10 0.01	39.82 2.95 0.01	37.46 2.71 0.01	34.41 2.14 -3.16	38.62 1.27 -18.57	35.38 1.61 -9.18	34.02 2.07 -3.90	32.71 2.19 -3.92
BARRETT_IC_12 23703	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.91 1.01 0.00	19.76 1.11 0.00	21.52 1.18 0.00	22.23 1.16 0.00	23.91 0.93 -3.29	26.18 1.06 -3.62	26.84 1.48 -0.07	36.29 2.34 -0.51	37.99 2.50 -1.23	38.71 2.81 -2.49	41.28 3.26 -1.39	41.44 3.64 0.00	41.70 3.75 0.00	38.49 3.10 0.01	39.82 2.95 0.01	37.46 2.71 0.01	34.41 2.14 -3.16	38.62 1.27 -18.57	35.38 1.61 -9.18	34.02 2.07 -3.90	32.71 2.19 -3.92
BARRETT_IC_2 23705	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.91 1.01 0.00	19.76 1.11 0.00	21.52 1.18 0.00	22.23 1.16 0.00	23.91 0.93 -3.29	26.18 1.06 -3.62	26.84 1.48 -0.07	36.29 2.34 -0.51	37.99 2.50 -1.23	38.71 2.81 -2.49	41.28 3.26 -1.39	41.44 3.64 0.00	41.70 3.75 0.00	38.49 3.10 0.01	39.82 2.95 0.01	37.46 2.71 0.01	34.41 2.14 -3.16	38.62 1.27 -18.57	35.38 1.61 -9.18	34.02 2.07 -3.90	32.71 2.19 -3.92
BARRETT_IC_3 23706	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.91 1.01 0.00	19.76 1.11 0.00	21.52 1.18 0.00	22.23 1.16 0.00	23.91 0.93 -3.29	26.18 1.06 -3.62	26.84 1.48 -0.07	36.29 2.34 -0.51	37.99 2.50 -1.23	38.71 2.81 -2.49	41.28 3.26 -1.39	41.44 3.64 0.00	41.70 3.75 0.00	38.49 3.10 0.01	39.82 2.95 0.01	37.46 2.71 0.01	34.41 2.14 -3.16	38.62 1.27 -18.57	35.38 1.61 -9.18	34.02 2.07 -3.90	32.71 2.19 -3.92
BARRETT_IC_4 23707	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.91 1.01 0.00	19.76 1.11 0.00	21.52 1.18 0.00	22.23 1.16 0.00	23.91 0.93 -3.29	26.18 1.06 -3.62	26.84 1.48 -0.07	36.29 2.34 -0.51	37.99 2.50 -1.23	38.71 2.81 -2.49	41.28 3.26 -1.39	41.44 3.64 0.00	41.70 3.75 0.00	38.49 3.10 0.01	39.82 2.95 0.01	37.46 2.71 0.01	34.41 2.14 -3.16	38.62 1.27 -18.57	35.38 1.61 -9.18	34.02 2.07 -3.90	32.71 2.19 -3.92
BARRETT_IC_5 23708	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.91 1.01 0.00	19.76 1.11 0.00	21.52 1.18 0.00	22.23 1.16 0.00	23.91 0.93 -3.29	26.18 1.06 -3.62	26.84 1.48 -0.07	36.29 2.34 -0.51	37.99 2.50 -1.23	38.71 2.81 -2.49	41.28 3.26 -1.39	41.44 3.64 0.00	41.70 3.75 0.00	38.49 3.10 0.01	39.82 2.95 0.01	37.46 2.71 0.01	34.41 2.14 -3.16	38.62 1.27 -18.57	35.38 1.61 -9.18	34.02 2.07 -3.90	32.71 2.19 -3.92
BARRETT_IC_6 23709	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.91 1.01 0.00	19.76 1.11 0.00	21.52 1.18 0.00	22.23 1.16 0.00	23.91 0.93 -3.29	26.18 1.06 -3.62	26.84 1.48 -0.07	36.29 2.34 -0.51	37.99 2.50 -1.23	38.71 2.81 -2.49	41.28 3.26 -1.39	41.44 3.64 0.00	41.70 3.75 0.00	38.49 3.10 0.01	39.82 2.95 0.01	37.46 2.71 0.01	34.41 2.14 -3.16	38.62 1.27 -18.57	35.38 1.61 -9.18	34.02 2.07 -3.90	32.71 2.19 -3.92
BARRETT_IC_7 23710	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.91 1.01 0.00	19.76 1.11 0.00	21.52 1.18 0.00	22.23 1.15 0.00	23.91 0.93 -3.29	26.18 1.06 -3.62	26.84 1.48 -0.07	36.30 2.35 -0.51	37.99 2.50 -1.23	38.71 2.81 -2.49	41.29 3.27 -1.38	41.44 3.64 0.00	41.70 3.75 0.00	38.50 3.10 0.00	39.82 2.95 0.00	37.46 2.70 0.00	34.41 2.14 -3.16	38.62 1.27 -18.57	35.38 1.61 -9.17	34.01 2.06 -3.89	32.71 2.19 -3.91

BARRETT_IC_8 23711	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.91 1.01 0.00	19.76 1.11 0.00	21.52 1.18 0.00	22.23 1.16 0.00	23.91 0.93 -3.29	26.18 1.06 -3.62	26.84 1.48 -0.07	36.29 2.34 -0.51	37.99 2.50 -1.23	38.71 2.81 -2.49	41.28 3.26 -1.39	41.44 3.64 0.00	41.70 3.75 0.00	38.49 3.10 0.01	39.82 2.95 0.01	37.46 2.71 0.01	34.41 2.14 -3.16	38.62 1.27 -18.57	35.38 1.61 -9.18	34.02 2.07 -3.90	32.71 2.19 -3.92
BARRETT_IC_9 23700	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.91 1.01 0.00	19.76 1.11 0.00	21.52 1.18 0.00	22.23 1.16 0.00	23.91 0.93 -3.29	26.18 1.06 -3.62	26.84 1.48 -0.07	36.29 2.34 -0.51	37.99 2.50 -1.23	38.71 2.81 -2.49	41.28 3.26 -1.39	41.44 3.64 0.00	41.70 3.75 0.00	38.49 3.10 0.01	39.82 2.95 0.01	37.46 2.71 0.01	34.41 2.14 -3.16	38.62 1.27 -18.57	35.38 1.61 -9.18	34.02 2.07 -3.90	32.71 2.19 -3.92
BARRETT___1 23545	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.91 1.01 0.00	19.76 1.11 0.00	21.52 1.18 0.00	22.23 1.16 0.00	23.91 0.93 -3.29	26.18 1.06 -3.62	26.84 1.48 -0.07	36.29 2.34 -0.51	37.99 2.50 -1.23	38.71 2.81 -2.49	41.28 3.26 -1.39	41.44 3.64 0.00	41.70 3.75 0.00	38.49 3.10 0.01	39.82 2.95 0.01	37.46 2.71 0.01	34.41 2.14 -3.16	38.62 1.27 -18.57	35.38 1.61 -9.18	34.02 2.07 -3.90	32.71 2.19 -3.92
BARRETT___2 23546	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.91 1.01 0.00	19.76 1.11 0.00	21.52 1.18 0.00	22.23 1.16 0.00	23.91 0.93 -3.29	26.18 1.06 -3.62	26.84 1.48 -0.07	36.29 2.34 -0.51	37.99 2.50 -1.23	38.71 2.81 -2.49	41.28 3.26 -1.39	41.44 3.64 0.00	41.70 3.75 0.00	38.49 3.10 0.01	39.82 2.95 0.01	37.46 2.71 0.01	34.41 2.14 -3.16	38.62 1.27 -18.57	35.38 1.61 -9.18	34.02 2.07 -3.90	32.71 2.19 -3.92
BATAVIA___115KV_TB1 55881	21.44 1.23 0.00	22.73 1.17 0.00	21.01 0.87 0.00	18.61 0.70 0.00	19.30 0.64 0.00	21.23 0.88 0.00	22.15 1.07 0.00	20.88 1.18 0.00	22.86 1.35 0.00	27.00 1.71 0.00	35.89 2.45 0.00	37.23 2.97 0.00	35.83 2.42 0.00	39.28 2.64 0.00	40.55 2.75 0.00	40.63 2.67 0.00	36.58 2.46 1.28	39.99 3.27 0.15	37.42 2.67 0.00	31.65 2.05 -0.49	23.08 1.42 -2.88	27.05 1.04 -1.42	29.32 0.66 -0.60	27.31 0.57 -0.14
BAYONEEC___CTG1 323682	21.27 1.07 0.00	22.67 1.12 0.00	21.20 1.06 0.00	18.79 0.89 0.00	19.60 0.94 0.00	21.35 1.01 0.00	22.18 1.09 0.00	24.02 1.01 -3.32	26.30 1.15 -3.65	26.79 1.50 0.00	35.54 2.10 0.00	36.51 2.26 0.00	35.95 2.54 0.00	37.98 3.07 1.73	39.75 3.59 1.65	38.99 3.66 2.62	38.64 3.25 0.00	40.08 3.21 0.00	37.69 2.93 0.00	34.70 2.43 -3.15	38.78 1.44 -18.56	35.51 1.75 -9.17	34.11 2.16 -3.89	32.59 2.05 -3.94
BAYONEEC___CTG10 323750	21.27 1.07 0.00	22.67 1.12 0.00	21.20 1.06 0.00	18.79 0.89 0.00	19.60 0.94 0.00	21.35 1.01 0.00	22.18 1.09 0.00	24.02 1.01 -3.32	26.30 1.15 -3.65	26.79 1.50 0.00	35.54 2.10 0.00	36.51 2.26 0.00	35.95 2.54 0.00	37.98 3.07 1.73	39.75 3.59 1.65	38.99 3.66 2.62	38.64 3.25 0.00	40.08 3.21 0.00	37.69 2.93 0.00	34.70 2.43 -3.15	38.78 1.44 -18.56	35.51 1.75 -9.17	34.11 2.16 -3.89	32.59 2.05 -3.94
BAYONEEC___CTG2 323683	21.27 1.07 0.00	22.67 1.12 0.00	21.20 1.06 0.00	18.79 0.89 0.00	19.60 0.94 0.00	21.35 1.01 0.00	22.18 1.09 0.00	24.02 1.01 -3.32	26.30 1.15 -3.65	26.79 1.50 0.00	35.54 2.10 0.00	36.51 2.26 0.00	35.95 2.54 0.00	37.98 3.07 1.73	39.75 3.59 1.65	38.99 3.66 2.62	38.64 3.25 0.00	40.08 3.21 0.00	37.69 2.93 0.00	34.70 2.43 -3.15	38.78 1.44 -18.56	35.51 1.75 -9.17	34.11 2.16 -3.89	32.59 2.05 -3.94
BAYONEEC___CTG3 323684	21.27 1.07 0.00	22.67 1.12 0.00	21.20 1.06 0.00	18.79 0.89 0.00	19.60 0.94 0.00	21.35 1.01 0.00	22.18 1.09 0.00	24.02 1.01 -3.32	26.30 1.15 -3.65	26.79 1.50 0.00	35.54 2.10 0.00	36.51 2.26 0.00	35.95 2.54 0.00	37.98 3.07 1.73	39.75 3.59 1.65	38.99 3.66 2.62	38.64 3.25 0.00	40.08 3.21 0.00	37.69 2.93 0.00	34.70 2.43 -3.15	38.78 1.44 -18.56	35.51 1.75 -9.17	34.11 2.16 -3.89	32.59 2.05 -3.94
BAYONEEC___CTG4 323685	21.27 1.07 0.00	22.67 1.12 0.00	21.20 1.06 0.00	18.79 0.89 0.00	19.60 0.94 0.00	21.35 1.01 0.00	22.18 1.09 0.00	24.02 1.01 -3.32	26.30 1.15 -3.65	26.79 1.50 0.00	35.54 2.10 0.00	36.51 2.26 0.00	35.95 2.54 0.00	37.98 3.07 1.73	39.75 3.59 1.65	38.99 3.66 2.62	38.64 3.25 0.00	40.08 3.21 0.00	37.69 2.93 0.00	34.70 2.43 -3.15	38.78 1.44 -18.56	35.51 1.75 -9.17	34.11 2.16 -3.89	32.59 2.05 -3.94
BAYONEEC___CTG5 323686	21.27 1.07 0.00	22.67 1.12 0.00	21.20 1.06 0.00	18.79 0.89 0.00	19.60 0.94 0.00	21.35 1.01 0.00	22.18 1.09 0.00	24.02 1.01 -3.32	26.30 1.15 -3.65	26.79 1.50 0.00	35.54 2.10 0.00	36.51 2.26 0.00	35.95 2.54 0.00	37.98 3.07 1.73	39.75 3.59 1.65	38.99 3.66 2.62	38.64 3.25 0.00	40.08 3.21 0.00	37.69 2.93 0.00	34.70 2.43 -3.15	38.78 1.44 -18.56	35.51 1.75 -9.17	34.11 2.16 -3.89	32.59 2.05 -3.94
BAYONEEC___CTG6 323687	21.27 1.07 0.00	22.67 1.12 0.00	21.20 1.06 0.00	18.79 0.89 0.00	19.60 0.94 0.00	21.35 1.01 0.00	22.18 1.09 0.00	24.02 1.01 -3.32	26.30 1.15 -3.65	26.79 1.50 0.00	35.54 2.10 0.00	36.51 2.26 0.00	35.95 2.54 0.00	37.98 3.07 1.73	39.75 3.59 1.65	38.99 3.66 2.62	38.64 3.25 0.00	40.08 3.21 0.00	37.69 2.93 0.00	34.70 2.43 -3.15	38.78 1.44 -18.56	35.51 1.75 -9.17	34.11 2.16 -3.89	32.59 2.05 -3.94
BAYONEEC___CTG7 323688	21.27 1.07 0.00	22.67 1.12 0.00	21.20 1.06 0.00	18.79 0.89 0.00	19.60 0.94 0.00	21.35 1.01 0.00	22.18 1.09 0.00	24.02 1.01 -3.32	26.30 1.15 -3.65	26.79 1.50 0.00	35.54 2.10 0.00	36.51 2.26 0.00	35.95 2.54 0.00	37.98 3.07 1.73	39.75 3.59 1.65	38.99 3.66 2.62	38.64 3.25 0.00	40.08 3.21 0.00	37.69 2.93 0.00	34.70 2.43 -3.15	38.78 1.44 -18.56	35.51 1.75 -9.17	34.11 2.16 -3.89	32.59 2.05 -3.94
BAYONEEC___CTG8 323689	21.27 1.07 0.00	22.67 1.12 0.00	21.20 1.06 0.00	18.79 0.89 0.00	19.60 0.94 0.00	21.35 1.01 0.00	22.18 1.09 0.00	24.02 1.01 -3.32	26.30 1.15 -3.65	26.79 1.50 0.00	35.54 2.10 0.00	36.51 2.26 0.00	35.95 2.54 0.00	37.98 3.07 1.73	39.75 3.59 1.65	38.99 3.66 2.62	38.64 3.25 0.00	40.08 3.21 0.00	37.69 2.93 0.00	34.70 2.43 -3.15	38.78 1.44 -18.56	35.51 1.75 -9.17	34.11 2.16 -3.89	32.59 2.05 -3.94
BAYONEEC___CTG9 323749	21.27 1.07 0.00	22.67 1.12 0.00	21.20 1.06 0.00	18.79 0.89 0.00	19.60 0.94 0.00	21.35 1.01 0.00	22.18 1.09 0.00	24.02 1.01 -3.32	26.30 1.15 -3.65	26.79 1.50 0.00	35.54 2.10 0.00	36.51 2.26 0.00	35.95 2.54 0.00	37.98 3.07 1.73	39.75 3.59 1.65	38.99 3.66 2.62	38.64 3.25 0.00	40.08 3.21 0.00	37.69 2.93 0.00	34.70 2.43 -3.15	38.78 1.44 -18.56	35.51 1.75 -9.17	34.11 2.16 -3.89	32.59 2.05 -3.94

BEACON___LESR 323632	20.74 0.53 0.00	22.23 0.68 0.00	20.85 0.71 0.00	18.53 0.62 0.00	19.30 0.64 0.00	21.02 0.68 0.00	21.82 0.75 0.00	21.03 0.58 -0.76	22.92 0.58 -0.84	25.90 0.61 0.00	34.30 0.85 0.00	35.02 0.77 0.00	34.47 1.06 0.00	38.08 1.44 0.00	39.54 1.73 0.00	39.52 1.57 0.00	36.89 1.49 0.00	38.42 1.55 0.00	36.30 1.55 0.00	37.31 1.37 -6.83	59.84 0.87 -40.19	45.53 1.08 -19.86	37.75 1.27 -8.43	30.34 1.13 -2.60
BEAVER RIVER___HYD 24048	20.13 -0.08 0.00	21.22 -0.34 0.00	19.75 -0.39 0.00	17.62 -0.29 0.00	18.39 -0.26 0.00	20.18 -0.16 0.00	21.05 -0.03 0.00	19.70 0.01 0.00	21.54 0.03 0.00	25.27 -0.02 0.00	33.43 -0.01 0.00	34.44 0.18 0.00	35.21 -0.35 -2.15	39.14 -0.67 -3.17	1.32 -0.79 35.70	-112.48 -0.47 149.96	-174.15 -0.34 209.21	-119.36 -0.21 156.02	-63.21 0.03 98.00	-0.96 0.03 30.10	2.08 -0.08 16.62	10.68 -0.26 13.66	27.83 -0.31 -0.08	25.91 -0.69 0.00
BEEBEE_GT_13 23619	20.88 0.68 0.00	22.16 0.60 0.00	20.54 0.40 0.00	18.22 0.32 0.00	18.92 0.26 0.00	20.75 0.41 0.00	21.60 0.52 0.00	20.35 0.66 0.00	22.33 0.82 0.00	26.38 1.10 0.00	34.99 1.55 0.00	36.27 2.02 0.00	35.08 1.67 0.00	38.39 1.88 0.13	39.61 1.99 0.19	39.61 1.99 0.33	35.73 1.89 1.55	38.88 2.45 0.44	36.44 1.94 0.26	30.87 1.41 -0.34	22.23 0.99 -2.46	26.40 0.69 -1.12	28.98 0.43 -0.49	27.09 0.37 -0.12
BENSHRST_27_KV_BENSHRST_1 355998	21.54 1.33 0.00	22.95 1.40 0.00	21.45 1.31 0.00	19.00 1.10 0.00	19.82 1.16 0.00	21.60 1.26 0.00	22.41 1.33 0.00	24.23 1.22 -3.31	26.55 1.40 -3.65	27.11 1.82 0.00	36.00 2.56 0.00	37.02 2.76 0.00	36.47 3.05 0.00	40.29 3.65 0.00	41.93 4.13 0.00	42.14 4.19 0.00	39.11 3.72 0.00	40.61 3.74 0.00	38.16 3.40 0.00	35.19 2.92 -3.16	39.05 1.70 -18.56	35.87 2.10 -9.18	34.54 2.58 -3.90	32.94 2.40 -3.94
BETHLEHEM___GRP 23843	20.47 0.26 0.00	21.95 0.40 0.00	20.60 0.46 0.00	18.32 0.41 0.00	19.09 0.43 0.00	20.76 0.42 0.00	21.46 0.39 0.00	20.70 0.25 -0.76	22.55 0.21 -0.83	25.46 0.17 0.00	33.64 0.19 0.00	34.43 0.17 0.00	33.88 0.47 0.00	37.34 0.70 0.00	38.74 0.93 0.00	38.80 0.85 0.00	36.21 0.82 0.00	37.65 0.78 0.00	35.61 0.85 0.00	36.68 0.80 -6.77	59.10 0.49 -39.83	44.89 0.61 -19.68	37.21 0.80 -8.35	29.93 0.75 -2.58
BETHLEHEM___GS1 323560	20.47 0.26 0.00	21.95 0.40 0.00	20.60 0.46 0.00	18.32 0.41 0.00	19.09 0.43 0.00	20.76 0.42 0.00	21.46 0.39 0.00	20.70 0.25 -0.76	22.55 0.21 -0.83	25.46 0.17 0.00	33.63 0.19 0.00	34.43 0.17 0.00	33.88 0.47 0.00	37.34 0.70 0.00	38.74 0.93 0.00	38.80 0.85 0.00	36.21 0.81 0.00	37.64 0.77 0.00	35.60 0.85 0.00	36.68 0.80 -6.77	59.10 0.49 -39.83	44.89 0.61 -19.68	37.21 0.80 -8.35	29.93 0.75 -2.58
BETHLEHEM___GS2 323561	20.47 0.26 0.00	21.95 0.40 0.00	20.60 0.46 0.00	18.32 0.41 0.00	19.09 0.43 0.00	20.76 0.42 0.00	21.46 0.39 0.00	20.70 0.25 -0.76	22.55 0.21 -0.83	25.46 0.17 0.00	33.63 0.19 0.00	34.43 0.17 0.00	33.88 0.47 0.00	37.34 0.70 0.00	38.74 0.93 0.00	38.80 0.85 0.00	36.21 0.81 0.00	37.64 0.77 0.00	35.60 0.85 0.00	36.68 0.80 -6.77	59.10 0.49 -39.83	44.89 0.61 -19.68	37.21 0.80 -8.35	29.93 0.75 -2.58
BETHLEHEM___GS3 323562	20.47 0.26 0.00	21.95 0.40 0.00	20.60 0.46 0.00	18.32 0.41 0.00	19.09 0.43 0.00	20.76 0.42 0.00	21.46 0.39 0.00	20.70 0.25 -0.76	22.55 0.21 -0.83	25.46 0.17 0.00	33.63 0.19 0.00	34.43 0.17 0.00	33.88 0.47 0.00	37.34 0.70 0.00	38.74 0.93 0.00	38.80 0.85 0.00	36.21 0.81 0.00	37.64 0.77 0.00	35.60 0.85 0.00	36.68 0.80 -6.77	59.10 0.49 -39.83	44.89 0.61 -19.68	37.21 0.80 -8.35	29.93 0.75 -2.58
BETHLEHEM___STEEL 23779	21.08 0.87 0.00	22.36 0.81 0.00	20.66 0.52 0.00	18.31 0.40 0.00	19.00 0.34 0.00	20.87 0.53 0.00	21.78 0.71 0.00	20.52 0.82 0.00	22.54 1.04 0.00	26.69 1.40 0.00	35.45 2.01 0.00	36.84 2.58 0.00	35.36 1.95 0.00	38.85 2.21 0.00	40.01 2.21 0.00	40.04 2.08 0.00	36.01 1.86 1.24	39.17 2.47 0.17	36.45 1.69 0.00	30.87 1.20 -0.57	23.01 0.88 -3.35	26.53 0.29 -1.65	28.70 -0.06 -0.70	26.72 -0.04 -0.16
BETHLHEM_115KV_TB1 79974	20.53 0.32 0.00	22.01 0.45 0.00	20.65 0.51 0.00	18.36 0.45 0.00	19.13 0.48 0.00	20.81 0.47 0.00	21.52 0.44 0.00	20.75 0.31 -0.75	22.61 0.27 -0.83	25.53 0.25 0.00	33.74 0.30 0.00	34.55 0.29 0.00	34.00 0.58 0.00	37.45 0.82 0.00	38.86 1.05 0.00	38.92 0.97 0.00	36.32 0.92 0.00	37.76 0.89 0.00	35.70 0.93 0.00	36.59 0.88 -6.60	58.17 0.54 -38.84	44.46 0.68 -19.19	37.07 0.87 -8.14	29.94 0.81 -2.53
BETHPAGE_CC_5 323564	21.56 1.35 0.00	22.90 1.34 0.00	21.50 1.36 0.00	19.04 1.13 0.00	19.91 1.25 0.00	21.68 1.34 0.00	22.47 1.39 0.00	24.14 1.16 -3.29	26.48 1.35 -3.62	27.20 1.83 -0.07	36.73 2.78 -0.51	38.50 3.01 -1.23	39.23 3.33 -2.49	41.76 3.74 -1.39	41.81 4.00 0.00	42.06 4.11 0.00	38.93 3.53 0.00	40.21 3.34 0.00	37.79 3.03 0.00	34.59 2.32 -3.16	38.72 1.37 -18.57	35.39 1.63 -9.17	34.00 2.05 -3.89	32.75 2.24 -3.92
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.12 0.91 0.00	22.40 0.85 0.00	20.69 0.55 0.00	18.34 0.43 0.00	19.03 0.37 0.00	20.90 0.56 0.00	21.82 0.75 0.00	20.56 0.87 0.00	22.60 1.10 0.00	26.76 1.48 0.00	35.57 2.13 0.00	36.97 2.71 0.00	35.50 2.09 0.00	39.02 2.38 0.00	40.19 2.39 0.00	40.21 2.25 0.00	36.17 2.01 1.24	39.32 2.62 0.17	36.59 1.83 0.00	30.98 1.30 -0.58	23.11 0.94 -3.39	26.63 0.37 -1.68	28.79 0.02 -0.71	26.78 0.02 -0.16
BINGHAMTON___COGEN 23790	20.49 0.29 0.00	21.88 0.33 0.00	20.40 0.26 0.00	18.13 0.23 0.00	18.92 0.26 0.00	20.64 0.30 0.00	21.48 0.41 0.00	20.11 0.42 0.00	22.02 0.51 0.00	25.96 0.67 0.00	34.37 0.93 0.00	35.48 1.23 0.00	34.45 1.04 0.00	38.30 1.43 -0.23	39.64 1.49 -0.34	40.10 1.56 -0.58	37.16 1.35 -0.41	38.83 1.42 -0.53	36.38 1.16 -0.46	31.27 0.92 -1.24	25.91 0.61 -6.52	28.48 0.50 -3.39	29.92 0.45 -1.41	27.30 0.39 -0.30
BIXINCNT_115KV_LOAD 355685	20.99 0.79 0.00	22.27 0.72 0.00	20.55 0.41 0.00	18.26 0.35 0.00	19.00 0.34 0.00	20.82 0.48 0.00	21.75 0.67 0.00	20.51 0.82 0.00	22.61 1.10 0.00	26.80 1.51 0.00	35.57 2.13 0.00	36.92 2.67 0.00	35.41 1.99 0.00	39.12 2.48 0.00	40.21 2.41 0.00	40.14 2.19 0.00	35.96 1.79 1.22	38.92 2.22 0.17	36.22 1.46 0.00	30.70 0.98 -0.61	23.04 0.68 -3.58	26.40 0.04 -1.77	28.30 -0.51 -0.75	26.22 -0.55 -0.17
BLACK RIVER___HYD 24047	20.30 0.09 0.00	21.38 -0.17 0.00	19.91 -0.23 0.00	17.77 -0.14 0.00	18.59 -0.06 0.00	20.43 0.08 0.00	21.32 0.24 0.00	19.95 0.26 0.00	21.78 0.27 0.00	25.55 0.27 0.00	33.96 0.52 0.00	34.95 0.69 0.00	35.05 0.13 -1.51	39.06 -0.14 -2.56	13.51 -0.31 23.99	-63.93 0.21 102.09	-107.57 0.44 143.41	-68.95 0.60 106.42	-31.06 0.83 66.65	9.38 0.76 20.48	7.84 0.37 11.31	15.58 0.07 9.08	28.13 -0.06 -0.14	26.11 -0.49 0.00

BLACKRVR_115KV_TB2 79977	20.30 0.09 0.00	21.38 -0.17 0.00	19.91 -0.23 0.00	17.77 -0.14 0.00	18.59 -0.07 0.00	20.42 0.08 0.00	21.32 0.24 0.00	19.95 0.26 0.00	21.78 0.27 0.00	25.55 0.27 0.00	33.96 0.52 0.00	34.95 0.69 0.00	35.05 0.13 -1.51	39.05 -0.14 -2.56	13.51 -0.31 23.99	-63.92 0.22 102.09	-107.58 0.43 143.41	-68.93 0.61 106.42	-31.05 0.83 66.65	9.38 0.76 20.48	7.84 0.37 11.31	15.58 0.07 9.08	28.13 -0.06 -0.14	26.11 -0.49 0.00
BLISS_WT_PWR 323608	20.97 0.76 0.00	22.24 0.68 0.00	20.51 0.36 0.00	18.22 0.31 0.00	18.97 0.32 0.00	20.77 0.43 0.00	21.70 0.62 0.00	20.47 0.77 0.00	22.59 1.08 0.00	26.80 1.51 0.00	35.55 2.11 0.00	36.90 2.64 0.00	35.39 1.98 0.00	39.16 2.52 0.00	40.19 2.39 0.00	40.12 2.17 0.00	35.93 1.76 1.22	38.87 2.17 0.17	36.16 1.40 0.00	30.62 0.90 -0.61	22.99 0.63 -3.58	26.31 -0.05 -1.77	28.14 -0.67 -0.75	26.01 -0.76 -0.17
BLUE_CIRC_CHEM_DRP 24182	20.79 0.59 0.00	22.31 0.76 0.00	20.92 0.78 0.00	18.60 0.70 0.00	19.40 0.74 0.00	21.10 0.75 0.00	21.81 0.73 0.00	20.96 0.57 -0.70	22.81 0.53 -0.77	25.81 0.53 0.00	34.04 0.59 0.00	34.81 0.55 0.00	34.22 0.81 0.00	37.71 1.07 0.00	39.09 1.28 0.00	39.14 1.18 0.00	36.50 1.10 0.00	37.98 1.11 0.00	35.93 1.17 0.00	36.05 1.12 -5.81	53.72 0.71 -34.22	42.42 0.91 -16.91	36.40 1.16 -7.17	29.95 1.08 -2.26
BOC_GAS_DRP 24189	20.66 0.45 0.00	22.14 0.59 0.00	20.76 0.62 0.00	18.45 0.54 0.00	19.23 0.57 0.00	20.93 0.58 0.00	21.64 0.56 0.00	20.84 0.41 -0.74	22.72 0.40 -0.81	25.71 0.43 0.00	34.01 0.57 0.00	34.85 0.59 0.00	34.24 0.83 0.00	37.73 1.09 0.00	39.11 1.31 0.00	39.19 1.24 0.00	36.55 1.15 0.00	37.97 1.10 0.00	35.86 1.10 0.00	35.79 1.01 -5.67	52.76 0.63 -33.34	41.86 0.79 -16.48	36.04 0.99 -6.99	29.79 0.93 -2.26
BOONVILLE_115KV_TB1 79983	20.48 0.28 0.00	21.73 0.17 0.00	20.27 0.13 0.00	18.04 0.13 0.00	18.82 0.16 0.00	20.59 0.25 0.00	21.43 0.35 0.00	20.02 0.33 0.00	21.89 0.38 0.00	25.74 0.45 0.00	34.20 0.76 0.00	35.21 0.95 0.00	34.96 0.70 -0.85	38.71 0.79 -1.28	56.83 1.05 -17.97	107.57 1.25 -68.37	109.86 1.14 -73.32	102.23 1.30 -64.07	78.34 1.32 -42.26	41.87 1.02 -11.74	27.15 0.58 -7.79	31.80 0.60 -6.61	28.56 0.46 -0.04	26.79 0.19 0.00
BORALEX_4TH_BRANCH 23824	21.21 1.00 0.00	22.83 1.27 0.00	21.47 1.33 0.00	19.06 1.15 0.00	19.87 1.21 0.00	21.63 1.29 0.00	22.31 1.24 0.00	21.47 0.94 -0.84	23.33 0.90 -0.92	26.16 0.88 0.00	34.66 1.21 0.00	35.54 1.28 0.00	35.07 1.66 0.00	38.63 1.99 0.00	40.02 2.21 0.00	39.87 1.91 0.00	37.30 1.90 0.00	38.84 1.97 0.00	36.96 2.20 0.00	39.31 2.13 -8.07	67.61 1.35 -47.48	49.73 1.68 -23.46	39.91 1.90 -9.95	31.37 1.75 -3.02
BOWLINE___1 23526	20.99 0.78 0.00	22.41 0.85 0.00	20.96 0.81 0.00	18.59 0.68 0.00	19.39 0.73 0.00	21.11 0.77 0.00	21.90 0.82 0.00	15.69 0.73 4.73	17.09 0.79 5.21	26.34 1.06 0.00	34.98 1.54 0.00	35.98 1.72 0.00	35.43 2.02 0.00	39.13 2.49 0.00	40.75 2.94 0.00	40.96 3.01 0.00	38.10 2.70 0.00	39.57 2.70 0.00	37.21 2.45 0.00	34.16 2.02 -3.03	37.82 1.20 -17.83	34.86 1.45 -8.81	33.54 1.74 -3.74	24.66 1.59 3.54
BOWLINE___2 23595	21.02 0.81 0.00	22.43 0.88 0.00	20.98 0.84 0.00	18.61 0.70 0.00	19.40 0.75 0.00	21.13 0.79 0.00	21.93 0.85 0.00	15.71 0.76 4.74	17.11 0.81 5.21	26.39 1.10 0.00	35.05 1.61 0.00	36.04 1.79 0.00	35.50 2.09 0.00	39.20 2.56 0.00	40.82 3.02 0.00	41.04 3.09 0.00	38.18 2.78 0.00	39.64 2.76 0.00	37.28 2.52 0.00	34.22 2.07 -3.03	37.86 1.24 -17.83	34.90 1.50 -8.81	33.59 1.79 -3.74	24.70 1.64 3.54
BRADY___115KV_TB2 356060	20.17 -0.04 0.00	21.39 -0.16 0.00	19.95 -0.19 0.00	17.70 -0.21 0.00	18.45 -0.20 0.00	20.17 -0.17 0.00	20.94 -0.14 0.00	19.65 -0.05 0.00	21.45 -0.06 0.00	25.13 -0.16 0.00	33.15 -0.29 0.00	33.73 -0.53 0.00	35.40 -0.78 -2.77	39.22 -1.07 -3.65	25.26 -1.35 11.19	-20.25 -1.78 56.42	-120.79 -1.84 154.35	-50.52 -1.94 85.45	-13.85 -1.65 46.96	8.21 -1.29 19.61	12.78 -0.71 5.28	19.74 -0.43 4.42	27.63 -0.43 0.00	26.22 -0.38 0.00
BRANSCOMB___SOLAR 323811	21.25 1.04 0.00	22.75 1.19 0.00	21.32 1.18 0.00	18.93 1.02 0.00	19.74 1.08 0.00	21.52 1.18 0.00	22.27 1.19 0.00	21.38 0.95 -0.75	23.28 0.95 -0.82	26.31 1.02 0.00	34.71 1.26 0.00	35.65 1.39 0.00	35.12 1.71 0.00	38.68 2.04 0.00	40.10 2.29 0.00	40.32 2.37 0.00	37.79 2.39 0.00	39.41 2.54 0.00	37.47 2.71 0.00	41.21 2.35 -9.75	77.63 1.50 -57.35	54.82 1.88 -28.34	42.15 2.06 -12.02	31.88 1.89 -3.40
BRENTWOD_69_KV_W. BRTWOOD 56703	21.71 1.50 0.00	23.03 1.47 0.00	21.69 1.55 0.00	19.20 1.29 0.00	20.09 1.43 0.00	21.86 1.52 0.00	22.64 1.56 0.00	24.21 1.23 -3.29	26.59 1.47 -3.62	27.32 1.96 -0.07	37.00 3.05 -0.51	38.82 3.34 -1.23	39.60 3.69 -2.49	42.02 3.99 -1.38	42.10 4.01 -0.28	43.64 4.13 -1.56	38.98 3.58 0.00	43.52 3.39 -3.25	41.00 3.17 -3.08	34.64 2.38 -3.16	38.78 1.43 -18.57	35.41 1.64 -9.17	34.17 2.22 -3.89	33.01 2.50 -3.91
BRISTLHL_115KV_TB1 79998	19.95 -0.26 0.00	21.24 -0.32 0.00	19.83 -0.31 0.00	17.66 -0.25 0.00	18.38 -0.28 0.00	20.04 -0.30 0.00	20.80 -0.28 0.00	19.47 -0.22 0.00	21.26 -0.25 0.00	25.03 -0.26 0.00	33.21 -0.23 0.00	34.21 -0.05 0.00	33.27 -0.14 0.00	37.81 -0.08 -1.25	37.54 -0.06 0.21	32.87 -0.04 5.05	24.93 -0.04 10.44	31.49 0.13 5.50	31.90 0.05 2.91	28.11 -0.02 0.98	18.22 0.00 0.56	24.69 -0.24 -0.34	27.93 -0.43 -0.30	26.15 -0.45 0.00
BROOKHAVEN___DRP 24191	21.63 1.42 0.00	22.93 1.38 0.00	21.77 1.63 0.00	19.32 1.41 0.00	20.21 1.55 0.00	21.95 1.61 0.00	22.71 1.63 0.00	24.00 1.02 -3.29	26.33 1.20 -3.62	27.00 1.64 -0.07	36.52 2.57 -0.51	38.37 2.89 -1.23	39.25 3.35 -2.49	41.87 3.84 -1.39	43.41 4.00 -1.60	50.79 4.08 -8.76	38.90 3.50 0.00	58.55 3.38 -18.30	66.63 3.21 -28.65	34.65 2.39 -3.16	38.80 1.45 -18.57	35.36 1.59 -9.17	33.96 2.01 -3.89	32.79 2.28 -3.91
BROOKLYN_NAVY_YARD 23515	21.29 1.08 0.00	22.69 1.14 0.00	21.21 1.07 0.00	18.80 0.89 0.00	19.60 0.95 0.00	21.36 1.02 0.00	22.19 1.11 0.00	24.03 1.03 -3.32	26.32 1.16 -3.65	26.79 1.50 0.00	35.54 2.10 0.00	36.52 2.27 0.00	35.98 2.56 0.00	39.76 3.12 0.00	41.45 3.65 0.00	41.67 3.72 0.00	38.67 3.27 0.00	40.11 3.24 0.00	37.70 2.94 0.00	34.71 2.44 -3.15	38.78 1.43 -18.56	35.53 1.77 -9.17	34.13 2.18 -3.89	32.59 2.05 -3.94
BROOKLYN___ARMY_DRP 323595	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94



BROOKVLE_69_KV_TB1 55790	21.53 1.32 0.00	22.91 1.36 0.00	21.46 1.32 0.00	19.02 1.11 0.00	19.87 1.21 0.00	21.64 1.30 0.00	22.45 1.37 0.00	24.18 1.20 -3.29	26.43 1.31 -3.62	27.15 1.79 -0.07	36.77 2.82 -0.51	38.54 3.05 -1.23	39.16 3.26 -2.49	41.87 3.85 -1.38	42.07 4.26 0.00	42.29 4.34 0.00	39.20 3.81 0.00	40.62 3.75 0.00	38.16 3.41 0.00	34.98 2.71 -3.16	38.96 1.61 -18.57	35.71 1.94 -9.17	34.28 2.33 -3.89	32.85 2.34 -3.91
BROOME_2_LFGE 323671	20.49 0.29 0.00	21.88 0.33 0.00	20.40 0.26 0.00	18.13 0.23 0.00	18.92 0.26 0.00	20.64 0.30 0.00	21.48 0.40 0.00	20.11 0.42 0.00	22.02 0.51 0.00	25.96 0.67 0.00	34.38 0.94 0.00	35.48 1.23 0.00	34.45 1.04 0.00	38.31 1.44 -0.23	39.64 1.49 -0.34	40.09 1.56 -0.58	37.15 1.34 -0.41	38.82 1.41 -0.53	36.38 1.16 -0.46	31.27 0.92 -1.24	25.91 0.61 -6.52	28.48 0.50 -3.39	29.91 0.45 -1.41	27.29 0.39 -0.30
BROOME___LFGE 323600	20.49 0.29 0.00	21.88 0.33 0.00	20.40 0.26 0.00	18.13 0.23 0.00	18.92 0.26 0.00	20.64 0.30 0.00	21.48 0.40 0.00	20.11 0.42 0.00	22.02 0.51 0.00	25.96 0.67 0.00	34.38 0.94 0.00	35.48 1.23 0.00	34.45 1.04 0.00	38.31 1.44 -0.23	39.64 1.49 -0.34	40.09 1.56 -0.58	37.15 1.34 -0.41	38.82 1.41 -0.53	36.38 1.16 -0.46	31.27 0.92 -1.24	25.91 0.61 -6.52	28.48 0.50 -3.39	29.91 0.45 -1.41	27.29 0.39 -0.30
BROWNFLS_115KV_TB_3_5 80003	19.91 -0.30 0.00	21.04 -0.52 0.00	19.61 -0.54 0.00	17.43 -0.48 0.00	18.19 -0.47 0.00	19.91 -0.43 0.00	20.73 -0.34 0.00	19.44 -0.25 0.00	21.27 -0.24 0.00	24.93 -0.36 0.00	32.90 -0.55 0.00	33.70 -0.56 0.00	36.26 -0.97 -3.83	40.60 -1.33 -5.29	11.31 -1.51 24.98	-76.16 -1.48 112.64	-148.96 -1.46 182.91	-91.84 -1.42 127.28	-43.58 -1.17 77.17	2.97 -0.93 25.21	6.07 -0.61 12.11	14.00 -0.63 9.96	27.43 -0.68 -0.06	25.72 -0.88 0.00
BROWNSV1_27_KV_LOAD 356125	21.56 1.35 0.00	22.97 1.42 0.00	21.47 1.33 0.00	19.02 1.11 0.00	19.84 1.18 0.00	21.61 1.27 0.00	22.47 1.39 0.00	24.30 1.30 -3.32	26.63 1.47 -3.65	27.18 1.89 0.00	36.09 2.65 0.00	37.09 2.83 0.00	36.53 3.12 0.00	40.38 3.74 0.00	42.09 4.28 0.00	42.32 4.37 0.00	39.30 3.90 0.00	40.78 3.91 0.00	38.32 3.56 0.00	35.21 2.94 -3.15	39.10 1.76 -18.56	35.94 2.17 -9.17	34.56 2.61 -3.89	32.99 2.45 -3.94
BURROWS___LYONSDAL 23803	20.38 0.17 0.00	21.59 0.03 0.00	20.13 -0.01 0.00	17.92 0.01 0.00	18.70 0.04 0.00	20.48 0.13 0.00	21.33 0.25 0.00	19.93 0.23 0.00	21.79 0.29 0.00	25.62 0.33 0.00	34.00 0.55 0.00	35.02 0.76 0.00	34.94 0.43 -1.10	38.72 0.42 -1.65	56.77 0.88 -18.08	107.57 1.25 -68.37	109.86 1.15 -73.32	102.24 1.30 -64.07	78.35 1.33 -42.26	41.81 0.95 -11.74	27.12 0.53 -7.80	31.71 0.51 -6.61	28.34 0.23 -0.05	26.52 -0.08 0.00
CAITHNESS_CC_1 323624	21.59 1.38 0.00	22.90 1.35 0.00	21.70 1.56 0.00	19.24 1.33 0.00	20.13 1.47 0.00	21.86 1.52 0.00	22.62 1.54 0.00	23.98 1.00 -3.29	26.31 1.18 -3.62	26.98 1.62 -0.07	36.49 2.54 -0.51	38.33 2.84 -1.23	39.19 3.29 -2.49	41.77 3.74 -1.39	43.29 3.90 -1.58	50.60 4.02 -8.63	38.83 3.43 0.00	58.19 3.29 -18.03	65.79 3.11 -27.92	34.57 2.30 -3.16	38.74 1.39 -18.57	35.29 1.53 -9.17	33.91 1.96 -3.89	32.74 2.22 -3.92
CALPINE BETH_PAGE_GT4 24209	21.53 1.32 0.00	22.87 1.31 0.00	21.47 1.33 0.00	19.01 1.10 0.00	19.88 1.22 0.00	21.65 1.30 0.00	22.43 1.36 0.00	24.12 1.14 -3.29	26.45 1.32 -3.62	27.16 1.81 -0.07	36.64 2.69 -0.51	38.41 2.93 -1.23	39.14 3.24 -2.49	41.71 3.69 -1.38	41.78 3.98 0.00	42.00 4.05 0.00	38.88 3.49 0.00	40.20 3.33 0.00	37.80 3.05 0.00	34.61 2.34 -3.16	38.74 1.39 -18.57	35.41 1.65 -9.17	34.02 2.07 -3.89	32.75 2.24 -3.91
CALPINE_BETH_PAGE_GT_4 323586	21.53 1.32 0.00	22.87 1.31 0.00	21.47 1.33 0.00	19.01 1.10 0.00	19.88 1.22 0.00	21.65 1.31 0.00	22.43 1.36 0.00	24.11 1.14 -3.29	26.45 1.32 -3.62	27.16 1.81 -0.07	36.64 2.69 -0.51	38.41 2.92 -1.23	39.14 3.24 -2.49	41.70 3.68 -1.39	41.78 3.97 0.00	42.02 4.07 0.00	38.89 3.49 0.00	40.21 3.34 0.00	37.80 3.05 0.00	34.61 2.35 -3.16	38.73 1.39 -18.57	35.42 1.65 -9.17	34.02 2.07 -3.89	32.75 2.24 -3.92
CALPINE_BP_GT1 23823	21.53 1.32 0.00	22.87 1.31 0.00	21.47 1.33 0.00	19.01 1.10 0.00	19.88 1.22 0.00	21.65 1.31 0.00	22.43 1.36 0.00	24.11 1.14 -3.29	26.45 1.32 -3.62	27.16 1.81 -0.07	36.64 2.69 -0.51	38.41 2.92 -1.23	39.14 3.24 -2.49	41.70 3.68 -1.39	41.78 3.97 0.00	42.02 4.07 0.00	38.89 3.49 0.00	40.21 3.34 0.00	37.80 3.05 0.00	34.61 2.35 -3.16	38.73 1.39 -18.57	35.42 1.65 -9.17	34.02 2.07 -3.89	32.75 2.24 -3.92
CALSPAN___DRP 24200	21.08 0.87 0.00	22.36 0.81 0.00	20.66 0.52 0.00	18.31 0.40 0.00	19.00 0.34 0.00	20.87 0.53 0.00	21.78 0.71 0.00	20.52 0.82 0.00	22.54 1.04 0.00	26.69 1.40 0.00	35.45 2.01 0.00	36.84 2.58 0.00	35.36 1.95 0.00	38.85 2.21 0.00	40.01 2.21 0.00	40.04 2.08 0.00	36.01 1.86 1.24	39.17 2.47 0.17	36.45 1.69 0.00	30.87 1.20 -0.57	23.01 0.88 -3.35	26.53 0.29 -1.65	28.70 -0.06 -0.70	26.72 -0.04 -0.16
CALVERTON___SOLAR 323806	21.70 1.49 0.00	23.01 1.46 0.00	21.87 1.73 0.00	19.41 1.51 0.00	20.31 1.65 0.00	22.05 1.71 0.00	22.82 1.74 0.00	24.06 1.08 -3.29	26.38 1.26 -3.62	27.07 1.71 -0.07	36.62 2.66 -0.51	38.50 3.01 -1.23	39.39 3.49 -2.49	42.03 4.00 -1.39	43.61 4.19 -1.61	51.03 4.26 -8.81	39.09 3.68 0.00	58.87 3.59 -18.41	67.13 3.44 -28.93	34.81 2.55 -3.16	38.92 1.56 -18.57	35.48 1.71 -9.17	34.08 2.13 -3.89	32.89 2.38 -3.92
CANDIGU_WT_PWR 323617	20.63 0.42 0.00	21.89 0.34 0.00	20.22 0.08 0.00	17.98 0.07 0.00	18.78 0.12 0.00	20.50 0.16 0.00	21.39 0.31 0.00	20.12 0.43 0.00	22.17 0.66 0.00	26.22 0.94 0.00	34.76 1.31 0.00	36.11 1.85 0.00	34.75 1.34 0.00	38.47 1.83 0.00	39.54 1.73 0.00	39.66 1.70 0.00	35.52 1.29 1.17	38.12 1.42 0.17	35.67 0.91 0.00	30.52 0.67 -0.74	23.55 0.41 -4.36	26.56 -0.18 -2.15	28.62 -0.36 -0.91	26.46 -0.35 -0.21
CARR STREET_E_SYR 24060	20.11 -0.10 0.00	21.40 -0.15 0.00	19.98 -0.16 0.00	17.79 -0.12 0.00	18.52 -0.14 0.00	20.20 -0.14 0.00	20.97 -0.11 0.00	19.59 -0.10 0.00	21.37 -0.14 0.00	25.19 -0.10 0.00	33.40 -0.04 0.00	34.42 0.16 0.00	33.52 0.10 0.00	37.20 0.24 -0.32	38.57 0.28 -0.48	39.09 0.32 -0.82	34.05 0.30 1.64	37.70 0.43 -0.41	35.70 0.30 -0.64	29.79 0.17 -0.51	20.83 0.12 -1.92	25.68 -0.10 -1.19	28.24 -0.28 -0.46	26.38 -0.31 -0.09
CARTHAGE___PAPER 23857	20.30 0.09 0.00	21.39 -0.17 0.00	19.91 -0.23 0.00	17.76 -0.15 0.00	18.57 -0.09 0.00	20.38 0.04 0.00	21.27 0.19 0.00	19.90 0.20 0.00	21.74 0.23 0.00	25.47 0.19 0.00	33.76 0.32 0.00	34.73 0.47 0.00	35.00 -0.16 -1.76	38.77 -0.67 -2.80	8.23 -1.06 28.52	-83.29 -0.63 120.61	-133.85 -0.39 168.86	-88.96 -0.23 125.61	-43.94 0.08 78.78	5.01 0.11 24.21	5.37 -0.04 13.37	13.47 -0.27 10.85	28.08 -0.09 -0.11	26.12 -0.48 0.00

CASSADAGA_WT_PWR 323784	20.91 0.70 0.00	22.22 0.67 0.00	20.53 0.39 0.00	18.18 0.27 0.00	18.85 0.19 0.00	20.71 0.37 0.00	21.71 0.63 0.00	20.52 0.82 0.00	22.64 1.14 0.00	26.92 1.63 0.00	35.67 2.23 0.00	37.11 2.85 0.00	35.59 2.18 0.00	39.37 2.73 0.00	40.49 2.68 0.00	40.69 2.73 0.00	36.13 1.96 1.23	38.94 2.24 0.17	36.07 1.31 0.00	30.38 0.67 -0.60	22.78 0.50 -3.50	26.15 -0.17 -1.73	28.42 -0.37 -0.73	26.11 -0.66 -0.16
CE_DUNWOOD___DRP 24194	21.19 0.98 0.00	22.60 1.05 0.00	21.14 1.00 0.00	18.75 0.84 0.00	19.55 0.89 0.00	21.30 0.96 0.00	22.11 1.03 0.00	24.15 0.93 -3.52	26.41 1.03 -3.88	26.63 1.34 0.00	35.36 1.93 0.00	36.36 2.10 0.00	35.80 2.39 0.00	39.55 2.91 0.00	41.18 3.37 0.00	41.39 3.44 0.00	38.47 3.07 0.00	39.93 3.06 0.00	37.56 2.80 0.00	34.56 2.31 -3.14	38.66 1.37 -18.51	35.42 1.68 -9.15	33.97 2.03 -3.88	32.62 1.90 -4.13
CE_MILLWOOD___DRP 24193	21.13 0.93 0.00	22.56 1.00 0.00	21.10 0.95 0.00	18.71 0.80 0.00	19.51 0.86 0.00	21.26 0.92 0.00	22.06 0.98 0.00	24.25 0.88 -3.68	26.52 0.97 -4.05	26.55 1.26 0.00	35.27 1.83 0.00	36.26 2.00 0.00	35.71 2.29 0.00	39.44 2.80 0.00	41.07 3.26 0.00	41.27 3.32 0.00	38.37 2.97 0.00	39.84 2.97 0.00	37.47 2.71 0.00	34.48 2.24 -3.13	38.53 1.33 -18.42	35.32 1.63 -9.10	33.88 1.96 -3.86	32.70 1.83 -4.27
CE_NYC2_DRP 24202	21.31 1.11 0.00	22.71 1.16 0.00	21.24 1.10 0.00	18.83 0.92 0.00	19.63 0.97 0.00	21.39 1.06 0.00	22.22 1.14 0.00	24.05 1.05 -3.31	26.35 1.19 -3.65	26.81 1.53 0.00	35.55 2.11 0.00	36.51 2.25 0.00	35.96 2.55 0.00	39.74 3.10 0.00	41.39 3.58 0.00	41.61 3.66 0.00	38.60 3.20 0.00	40.05 3.17 0.00	37.62 2.87 0.00	34.70 2.44 -3.15	38.74 1.40 -18.56	35.49 1.73 -9.17	34.13 2.18 -3.89	32.61 2.07 -3.94
CE_NYC_DRP 24195	21.31 1.11 0.00	22.72 1.17 0.00	21.24 1.10 0.00	18.83 0.92 0.00	19.63 0.97 0.00	21.38 1.04 0.00	22.21 1.14 0.00	24.06 1.06 -3.32	26.35 1.20 -3.65	26.84 1.55 0.00	35.63 2.18 0.00	36.60 2.34 0.00	36.05 2.64 0.00	39.84 3.20 0.00	41.51 3.70 0.00	41.73 3.78 0.00	38.74 3.34 0.00	40.19 3.32 0.00	37.77 3.01 0.00	34.75 2.48 -3.15	38.81 1.47 -18.56	35.57 1.80 -9.17	34.15 2.21 -3.89	32.62 2.08 -3.94
CHAFFEE___LFGE 323603	21.09 0.88 0.00	22.36 0.80 0.00	20.65 0.51 0.00	18.30 0.39 0.00	18.99 0.34 0.00	20.87 0.53 0.00	21.79 0.71 0.00	20.54 0.85 0.00	22.57 1.06 0.00	26.70 1.41 0.00	35.51 2.07 0.00	36.92 2.66 0.00	35.48 2.07 0.00	39.05 2.41 0.00	40.18 2.38 0.00	40.17 2.22 0.00	36.19 2.03 1.23	39.35 2.64 0.17	36.63 1.87 0.00	31.01 1.31 -0.59	23.21 0.96 -3.46	26.70 0.40 -1.71	28.86 0.08 -0.73	26.81 0.05 -0.16
CHATEAUG_35_KV_LOAD 355732	20.40 0.19 0.00	21.44 -0.12 0.00	19.86 -0.28 0.00	17.49 -0.42 0.00	18.20 -0.46 0.00	19.77 -0.57 0.00	20.56 -0.52 0.00	19.53 -0.16 0.00	21.61 0.10 0.00	25.18 -0.11 0.00	32.61 -0.83 0.00	32.64 -1.62 0.00	-6.39 -2.28 37.52	-15.69 -2.76 49.57	-0.92 -2.95 35.78	-17.01 -2.83 52.14	-30.81 -2.51 63.70	-30.94 -2.32 65.49	0.70 -2.25 31.82	22.27 -1.68 5.16	13.81 -1.03 3.95	20.22 -1.07 3.30	26.94 -1.12 0.00	25.91 -0.69 0.00
CHATEAUG_WT_PWR 323614	20.44 0.23 0.00	21.47 -0.08 0.00	19.89 -0.26 0.00	17.50 -0.40 0.00	18.22 -0.44 0.00	19.77 -0.57 0.00	20.55 -0.52 0.00	19.52 -0.17 0.00	21.62 0.11 0.00	25.17 -0.12 0.00	32.54 -0.90 0.00	32.55 -1.70 0.00	-3.97 -2.42 34.96	-12.46 -2.90 46.19	1.38 -3.07 33.35	-14.12 -2.98 49.09	-21.36 -2.65 54.11	-27.83 -2.51 62.19	3.03 -2.36 29.36	23.74 -1.78 3.59	14.09 -1.10 3.59	20.41 -1.18 3.00	26.84 -1.22 0.00	25.91 -0.69 0.00
CHAT_HIGH_FALL_HYD 323578	20.40 0.19 0.00	21.44 -0.12 0.00	19.86 -0.28 0.00	17.49 -0.42 0.00	18.20 -0.46 0.00	19.77 -0.58 0.00	20.56 -0.51 0.00	19.53 -0.16 0.00	21.61 0.10 0.00	25.18 -0.11 0.00	32.61 -0.83 0.00	32.64 -1.62 0.00	-6.39 -2.28 37.52	-15.70 -2.77 49.57	-0.92 -2.95 35.78	-17.01 -2.82 52.14	-30.82 -2.52 63.70	-30.99 -2.36 65.49	0.69 -2.25 31.82	22.28 -1.67 5.16	13.81 -1.02 3.95	20.22 -1.07 3.30	26.94 -1.13 0.00	25.91 -0.69 0.00
CHAUTAUQUA___LFGE 323629	20.97 0.76 0.00	22.30 0.75 0.00	20.61 0.47 0.00	18.26 0.35 0.00	18.97 0.31 0.00	20.83 0.49 0.00	21.80 0.72 0.00	20.58 0.89 0.00	22.66 1.15 0.00	26.86 1.58 0.00	35.64 2.20 0.00	37.08 2.83 0.00	35.58 2.17 0.00	39.34 2.70 0.00	40.46 2.66 0.00	40.63 2.67 0.00	36.31 2.14 1.23	39.22 2.52 0.17	36.41 1.65 0.00	30.79 1.09 -0.59	23.02 0.80 -3.45	26.52 0.22 -1.70	28.76 -0.02 -0.72	26.58 -0.19 -0.16
CHERRYST_13_KV_LD 356241	21.38 1.17 0.00	22.80 1.25 0.00	21.31 1.17 0.00	18.89 0.98 0.00	19.70 1.04 0.00	21.45 1.11 0.00	22.30 1.22 0.00	24.15 1.14 -3.32	26.46 1.30 -3.65	26.96 1.68 0.00	35.80 2.36 0.00	36.80 2.54 0.00	36.24 2.83 0.00	40.05 3.41 0.00	41.73 3.92 0.00	41.95 3.99 0.00	38.94 3.54 0.00	40.39 3.52 0.00	37.95 3.19 0.00	34.89 2.62 -3.15	38.89 1.54 -18.56	35.66 1.90 -9.17	34.25 2.31 -3.89	32.71 2.17 -3.94
CHESTROR_138KV_BK263 355645	20.95 0.75 0.00	22.37 0.82 0.00	20.92 0.77 0.00	18.56 0.65 0.00	19.35 0.70 0.00	21.09 0.74 0.00	21.87 0.79 0.00	17.55 0.71 2.85	19.13 0.76 3.14	26.27 0.98 0.00	34.88 1.43 0.00	35.86 1.60 0.00	35.27 1.86 0.00	38.94 2.30 0.00	40.51 2.70 0.00	40.72 2.76 0.00	37.89 2.49 0.00	39.37 2.50 0.00	37.06 2.31 0.00	33.89 1.91 -2.87	36.79 1.14 -16.86	34.32 1.40 -8.33	33.24 1.64 -3.53	26.27 1.51 1.84
CH_MIDHUDSON___DRP 24192	21.14 0.93 0.00	22.59 1.04 0.00	21.14 1.00 0.00	18.75 0.85 0.00	19.55 0.90 0.00	21.30 0.96 0.00	22.11 1.03 0.00	21.35 0.90 -0.76	23.36 1.02 -0.83	26.57 1.28 0.00	35.30 1.86 0.00	36.28 2.02 0.00	35.76 2.34 0.00	39.50 2.87 0.00	41.11 3.30 0.00	41.22 3.27 0.00	38.38 2.98 0.00	39.87 3.00 0.00	37.55 2.80 0.00	34.70 2.34 -3.26	39.34 1.39 -19.17	35.78 1.72 -9.47	34.10 2.02 -4.02	30.05 1.88 -1.58
CH_MISC_IPPS 23765	21.28 1.08 0.00	22.72 1.17 0.00	21.25 1.11 0.00	18.85 0.94 0.00	19.66 1.00 0.00	21.42 1.08 0.00	22.24 1.16 0.00	20.73 1.04 0.00	22.66 1.15 0.00	26.75 1.46 0.00	35.53 2.09 0.00	36.55 2.29 0.00	36.01 2.59 0.00	39.78 3.14 0.00	41.43 3.62 0.00	41.61 3.66 0.00	38.75 3.35 0.00	40.27 3.40 0.00	37.91 3.15 0.00	34.91 2.61 -3.18	39.08 1.57 -18.73	35.77 1.93 -9.26	34.22 2.24 -3.93	29.53 2.05 -0.88
CH_RES_BVR_FALLS 23983	20.05 -0.15 0.00	21.34 -0.21 0.00	19.93 -0.21 0.00	17.70 -0.21 0.00	18.44 -0.21 0.00	20.11 -0.22 0.00	20.85 -0.23 0.00	19.52 -0.17 0.00	21.34 -0.17 0.00	25.04 -0.25 0.00	33.04 -0.40 0.00	33.71 -0.55 0.00	32.76 -0.66 0.00	35.79 -0.84 0.00	32.06 -0.97 4.78	9.87 -1.04 27.05	13.06 -0.99 21.35	-16.47 -1.05 52.29	14.40 -0.83 19.53	28.25 -0.60 0.27	17.16 -0.43 1.19	23.06 -0.53 1.00	27.39 -0.67 0.00	25.95 -0.65 0.00

CH_RES_NIAGARA 23895	20.68 0.47 0.00	21.93 0.38 0.00	20.26 0.12 0.00	17.95 0.04 0.00	18.59 -0.07 0.00	20.45 0.10 0.00	21.30 0.22 0.00	20.01 0.32 0.00	21.94 0.44 0.00	25.96 0.67 0.00	34.46 1.01 0.00	35.72 1.47 0.00	34.27 0.85 0.00	37.44 0.80 0.00	38.50 0.69 0.00	38.38 0.42 0.00	34.46 0.32 1.26	37.71 1.01 0.17	35.10 0.34 0.00	29.81 0.17 -0.52	22.10 0.22 -3.09	25.63 -0.49 -1.53	27.72 -0.99 -0.65	25.86 -0.89 -0.15
CH_RES_SYRACUSE 23985	20.22 0.01 0.00	21.53 -0.02 0.00	20.10 -0.04 0.00	17.88 -0.03 0.00	18.63 -0.03 0.00	20.34 0.00 0.00	21.10 0.02 0.00	19.76 0.07 0.00	21.59 0.08 0.00	25.44 0.15 0.00	33.72 0.28 0.00	34.71 0.45 0.00	33.78 0.37 0.00	37.72 0.42 -0.66	39.24 0.43 -0.99	40.06 0.42 -1.69	34.97 0.41 0.84	38.64 0.54 -1.23	35.93 0.43 -0.74	29.41 0.27 -0.03	21.24 0.21 -0.24	26.24 0.05 -1.60	28.57 -0.07 -0.59	26.63 -0.07 -0.10
CLINTON_WT_PWR 323605	20.44 0.23 0.00	21.47 -0.08 0.00	19.89 -0.26 0.00	17.50 -0.40 0.00	18.22 -0.44 0.00	19.77 -0.57 0.00	20.55 -0.52 0.00	19.52 -0.17 0.00	21.62 0.11 0.00	25.17 -0.12 0.00	32.54 -0.90 0.00	32.55 -1.70 0.00	-3.97 -2.42 34.96	-12.46 -2.90 46.19	1.38 -3.07 33.35	-14.12 -2.98 49.09	-21.36 -2.65 54.11	-27.83 -2.51 62.19	3.03 -2.36 29.36	23.74 -1.78 3.59	14.09 -1.10 3.59	20.41 -1.18 3.00	26.84 -1.22 0.00	25.91 -0.69 0.00
CLINTON___LFGE 323618	20.70 0.49 0.00	21.73 0.17 0.00	20.11 -0.04 0.00	17.68 -0.23 0.00	18.39 -0.27 0.00	19.96 -0.38 0.00	20.75 -0.33 0.00	19.71 0.02 0.00	21.83 0.32 0.00	25.37 0.08 0.00	32.67 -0.78 0.00	32.67 -1.59 0.00	-4.62 -2.41 35.63	-13.30 -2.87 47.07	0.82 -3.00 33.99	-14.80 -2.87 49.89	-23.74 -2.52 56.62	-28.53 -2.35 63.06	2.54 -2.21 30.00	23.48 -1.63 4.00	14.07 -1.03 3.69	20.39 -1.12 3.08	26.98 -1.08 0.00	26.22 -0.39 0.00
COBBLENY_34_KV_TB1 80064	21.09 0.88 0.00	22.36 0.80 0.00	20.65 0.51 0.00	18.30 0.39 0.00	18.99 0.34 0.00	20.87 0.53 0.00	21.79 0.71 0.00	20.54 0.84 0.00	22.57 1.06 0.00	26.70 1.41 0.00	35.49 2.05 0.00	36.91 2.65 0.00	35.47 2.06 0.00	39.01 2.37 0.00	40.17 2.36 0.00	40.17 2.22 0.00	36.17 2.00 1.23	39.31 2.61 0.17	36.62 1.86 0.00	31.03 1.33 -0.59	23.21 0.96 -3.46	26.71 0.40 -1.71	28.85 0.07 -0.73	26.81 0.05 -0.16
COFFEEN___115KV_TB3 355620	20.48 0.27 0.00	21.57 0.02 0.00	20.09 -0.06 0.00	17.93 0.02 0.00	18.75 0.09 0.00	20.60 0.26 0.00	21.52 0.44 0.00	20.13 0.44 0.00	21.96 0.45 0.00	25.77 0.48 0.00	34.35 0.91 0.00	35.29 1.03 0.00	35.37 0.49 -1.47	39.43 0.28 -2.51	14.74 0.11 23.18	-60.24 0.63 98.81	-102.73 0.77 138.90	-65.10 1.05 103.02	-28.49 1.25 64.50	10.43 1.15 19.83	8.46 0.63 10.95	16.17 0.35 8.76	28.42 0.22 -0.14	26.35 -0.25 0.00
COLDSPRG_115KV_BK1 355956	21.12 0.91 0.00	22.48 0.92 0.00	20.79 0.65 0.00	18.42 0.51 0.00	19.13 0.47 0.00	21.02 0.68 0.00	22.02 0.94 0.00	20.80 1.11 0.00	22.92 1.41 0.00	27.15 1.87 0.00	35.96 2.51 0.00	37.37 3.11 0.00	35.82 2.41 0.00	39.65 3.02 0.00	40.84 3.04 0.00	41.02 3.07 0.00	36.57 2.39 1.22	39.41 2.71 0.17	36.58 1.82 0.00	30.95 1.23 -0.61	23.28 0.88 -3.62	26.73 0.35 -1.79	29.00 0.18 -0.76	26.87 0.10 -0.17
COLONIE_LFGE___ 323577	20.99 0.78 0.00	22.51 0.96 0.00	21.12 0.98 0.00	18.76 0.85 0.00	19.55 0.89 0.00	21.29 0.95 0.00	22.01 0.93 0.00	21.19 0.72 -0.77	23.08 0.72 -0.85	26.04 0.75 0.00	34.46 1.01 0.00	35.35 1.09 0.00	34.82 1.41 0.00	38.36 1.72 0.00	39.76 1.95 0.00	39.81 1.86 0.00	37.22 1.82 0.00	38.73 1.86 0.00	36.72 1.96 0.00	39.79 1.75 -8.92	72.39 1.10 -52.50	51.91 1.38 -25.95	40.63 1.57 -11.01	31.25 1.45 -3.19
COOPERNY_115KV_TB1 80082	20.77 0.56 0.00	22.19 0.63 0.00	20.73 0.59 0.00	18.40 0.50 0.00	19.19 0.53 0.00	20.91 0.57 0.00	21.68 0.60 0.00	19.16 0.54 1.07	20.91 0.58 1.18	26.04 0.75 0.00	34.54 1.11 0.00	35.51 1.26 0.00	34.85 1.44 0.00	38.42 1.78 0.00	39.90 2.09 0.00	40.08 2.12 0.00	37.33 1.93 0.00	38.81 1.94 0.00	36.53 1.77 0.00	32.73 1.46 -2.16	32.40 0.88 -12.73	31.94 1.06 -6.29	31.96 1.23 -2.67	27.33 1.12 0.39
COPENHAGEN_WT_PWR 323753	20.11 -0.10 0.00	21.16 -0.39 0.00	19.71 -0.44 0.00	17.61 -0.30 0.00	18.43 -0.23 0.00	20.27 -0.08 0.00	21.15 0.07 0.00	19.78 0.09 0.00	21.61 0.10 0.00	25.36 0.07 0.00	33.66 0.22 0.00	34.67 0.41 0.00	34.63 -0.17 -1.39	38.63 -0.45 -2.44	15.46 -0.59 21.76	-55.00 0.05 93.00	-95.13 0.37 130.91	-59.71 0.41 96.99	-25.27 0.66 60.69	11.04 0.59 18.66	8.71 0.23 10.30	16.24 -0.14 8.21	27.82 -0.38 -0.15	25.81 -0.79 0.00
CORNELL_____ 23752	20.71 0.50 0.00	22.05 0.50 0.00	20.55 0.41 0.00	18.28 0.37 0.00	19.07 0.41 0.00	20.82 0.48 0.00	21.65 0.57 0.00	20.28 0.59 0.00	22.17 0.66 0.00	26.09 0.80 0.00	34.51 1.07 0.00	35.57 1.31 0.00	34.59 1.18 0.00	38.53 1.55 -0.34	39.91 1.60 -0.51	40.46 1.64 -0.86	36.22 1.57 0.75	39.23 1.79 -0.58	37.11 1.68 -0.68	31.50 1.40 -0.98	24.33 0.92 -4.64	28.02 0.89 -2.54	29.86 0.77 -1.03	27.46 0.64 -0.21
CORONA_AV_69_KV_TB1 355595	21.55 1.34 0.00	22.91 1.36 0.00	21.48 1.34 0.00	19.03 1.12 0.00	19.88 1.22 0.00	21.66 1.31 0.00	22.42 1.34 0.00	24.12 1.14 -3.29	26.44 1.31 -3.62	27.13 1.77 -0.07	36.65 2.70 -0.51	38.41 2.92 -1.23	39.12 3.22 -2.49	41.75 3.72 -1.38	41.94 4.14 0.00	42.20 4.25 0.00	39.08 3.68 0.00	40.40 3.53 0.00	37.99 3.23 0.00	34.83 2.56 -3.16	38.88 1.54 -18.57	35.64 1.87 -9.17	34.24 2.29 -3.89	32.88 2.36 -3.91
CORTLAND_115KV_TB3 80093	20.51 0.30 0.00	21.86 0.30 0.00	20.39 0.24 0.00	18.14 0.23 0.00	18.91 0.26 0.00	20.63 0.29 0.00	21.46 0.38 0.00	20.08 0.39 0.00	21.95 0.44 0.00	25.83 0.55 0.00	34.22 0.78 0.00	35.27 1.01 0.00	34.32 0.91 0.00	38.20 1.21 -0.36	39.61 1.27 -0.53	40.21 1.35 -0.90	35.45 1.23 1.18	38.80 1.39 -0.55	36.72 1.25 -0.71	30.96 1.02 -0.83	23.11 0.67 -3.65	27.27 0.60 -2.07	29.40 0.51 -0.83	27.17 0.40 -0.17
COXSACKIE___GT 23611	21.55 1.34 0.00	23.10 1.55 0.00	21.67 1.52 0.00	19.25 1.35 0.00	20.07 1.42 0.00	21.86 1.51 0.00	22.67 1.59 0.00	21.60 1.34 -0.57	23.52 1.39 -0.62	26.67 1.38 0.00	34.93 1.49 0.00	35.16 0.90 0.00	34.59 1.18 0.00	38.24 1.60 0.00	39.89 2.08 0.00	39.93 1.97 0.00	37.48 2.08 0.00	39.28 2.41 0.00	37.52 2.76 0.00	37.23 2.64 -5.48	52.79 1.75 -32.26	42.71 2.18 -15.94	37.32 2.50 -6.76	30.91 2.25 -2.05
CPV_VALLEY___CC1 323721	20.80 0.59 0.00	22.21 0.66 0.00	20.78 0.63 0.00	18.43 0.52 0.00	19.22 0.56 0.00	20.94 0.60 0.00	21.71 0.64 0.00	18.54 0.56 1.71	20.22 0.60 1.89	26.07 0.79 0.00	34.61 1.16 0.00	35.58 1.32 0.00	34.98 1.57 0.00	38.59 1.96 0.00	40.13 2.32 0.00	40.33 2.37 0.00	37.54 2.14 0.00	38.99 2.12 0.00	36.70 1.94 0.00	33.32 1.60 -2.61	35.08 0.95 -15.34	33.33 1.15 -7.58	32.65 1.37 -3.22	27.00 1.26 0.86

CPV_VALLEY___CC2 323722	20.80 0.59 0.00	22.21 0.66 0.00	20.78 0.63 0.00	18.43 0.52 0.00	19.22 0.56 0.00	20.94 0.60 0.00	21.71 0.64 0.00	18.54 0.56 1.71	20.22 0.60 1.89	26.07 0.79 0.00	34.61 1.16 0.00	35.58 1.32 0.00	34.98 1.57 0.00	38.59 1.96 0.00	40.13 2.32 0.00	40.33 2.37 0.00	37.54 2.14 0.00	38.99 2.12 0.00	36.70 1.94 0.00	33.32 1.60 -2.61	35.08 0.95 -15.34	33.33 1.15 -7.58	32.65 1.37 -3.22	27.00 1.26 0.86
CRESCENT___HYD 24018	20.99 0.78 0.00	22.51 0.96 0.00	21.12 0.98 0.00	18.76 0.85 0.00	19.55 0.89 0.00	21.29 0.95 0.00	22.01 0.93 0.00	21.19 0.72 -0.77	23.08 0.72 -0.85	26.04 0.75 0.00	34.46 1.01 0.00	35.35 1.09 0.00	34.82 1.41 0.00	38.36 1.72 0.00	39.76 1.95 0.00	39.81 1.86 0.00	37.22 1.82 0.00	38.73 1.86 0.00	36.72 1.96 0.00	39.79 1.75 -8.92	72.39 1.10 -52.50	51.91 1.38 -25.95	40.63 1.57 -11.01	31.25 1.45 -3.19
CRICKET___VALLEY_CC1 323756	20.86 0.65 0.00	22.32 0.77 0.00	20.92 0.78 0.00	18.56 0.65 0.00	19.35 0.70 0.00	21.07 0.73 0.00	21.86 0.78 0.00	21.83 0.64 -1.49	23.81 0.66 -1.64	26.11 0.82 0.00	34.69 1.24 0.00	35.64 1.38 0.00	35.15 1.74 0.00	38.80 2.16 0.00	40.33 2.52 0.00	40.53 2.58 0.00	37.75 2.35 0.00	39.22 2.35 0.00	37.02 2.26 0.00	34.52 1.94 -3.46	40.29 1.12 -20.38	36.07 1.40 -10.07	34.03 1.70 -4.27	30.54 1.60 -2.34
CRICKET___VALLEY_CC2 323757	20.86 0.65 0.00	22.32 0.77 0.00	20.92 0.78 0.00	18.56 0.65 0.00	19.35 0.70 0.00	21.07 0.73 0.00	21.86 0.78 0.00	21.83 0.64 -1.49	23.81 0.66 -1.64	26.11 0.82 0.00	34.69 1.24 0.00	35.64 1.38 0.00	35.15 1.74 0.00	38.80 2.16 0.00	40.33 2.52 0.00	40.53 2.58 0.00	37.75 2.35 0.00	39.22 2.35 0.00	37.02 2.26 0.00	34.52 1.94 -3.46	40.29 1.12 -20.38	36.07 1.40 -10.07	34.03 1.70 -4.27	30.54 1.60 -2.34
CRICKET___VALLEY_CC3 323758	20.86 0.65 0.00	22.32 0.77 0.00	20.92 0.78 0.00	18.56 0.65 0.00	19.35 0.70 0.00	21.07 0.73 0.00	21.86 0.78 0.00	21.83 0.64 -1.49	23.81 0.66 -1.64	26.11 0.82 0.00	34.69 1.24 0.00	35.64 1.38 0.00	35.15 1.74 0.00	38.80 2.16 0.00	40.33 2.52 0.00	40.53 2.58 0.00	37.75 2.35 0.00	39.22 2.35 0.00	37.02 2.26 0.00	34.52 1.94 -3.46	40.29 1.12 -20.38	36.07 1.40 -10.07	34.03 1.70 -4.27	30.54 1.60 -2.34
CRUCIBLE_METL_DRP 24180	20.22 0.01 0.00	21.53 -0.02 0.00	20.10 -0.04 0.00	17.88 -0.03 0.00	18.63 -0.03 0.00	20.34 -0.01 0.00	21.10 0.02 0.00	19.76 0.07 0.00	21.59 0.08 0.00	25.44 0.15 0.00	33.72 0.28 0.00	34.71 0.45 0.00	33.77 0.36 0.00	37.71 0.41 -0.66	39.24 0.44 -0.99	40.07 0.43 -1.69	34.98 0.42 0.84	38.64 0.54 -1.23	35.93 0.43 -0.74	29.42 0.28 -0.03	21.23 0.21 -2.24	26.24 0.05 -1.60	28.58 -0.07 -0.59	26.63 -0.07 -0.10
DAHOWA___HYDRO 323763	21.31 1.10 0.00	22.80 1.25 0.00	21.37 1.23 0.00	18.97 1.06 0.00	19.79 1.13 0.00	21.57 1.22 0.00	22.33 1.26 0.00	21.43 1.00 -0.74	23.33 1.01 -0.81	26.38 1.09 0.00	34.80 1.36 0.00	35.76 1.50 0.00	35.24 1.83 0.00	38.80 2.17 0.00	40.24 2.43 0.00	40.48 2.53 0.00	37.98 2.58 0.00	39.61 2.74 0.00	37.69 2.93 0.00	41.49 2.52 -9.86	78.42 1.61 -58.02	55.30 2.03 -28.68	42.43 2.21 -12.17	32.03 2.01 -3.42
DANC___LFGE 323619	20.04 -0.17 0.00	21.18 -0.37 0.00	19.74 -0.40 0.00	17.62 -0.29 0.00	18.40 -0.26 0.00	20.17 -0.17 0.00	21.01 -0.07 0.00	19.66 -0.03 0.00	21.47 -0.04 0.00	25.22 -0.07 0.00	33.45 0.01 0.00	34.46 0.20 0.00	34.18 -0.19 -0.96	38.35 -0.32 -2.03	23.46 -0.40 13.95	-23.17 -0.03 61.09	-51.49 0.15 87.04	-26.80 0.25 63.93	-4.65 0.38 39.78	17.18 0.32 12.25	12.15 0.14 6.77	19.25 -0.18 5.15	27.84 -0.40 -0.18	25.94 -0.66 0.00
DANSKAMMER___1 23586	21.28 1.08 0.00	22.72 1.17 0.00	21.25 1.11 0.00	18.85 0.94 0.00	19.66 1.00 0.00	21.42 1.08 0.00	22.24 1.16 0.00	20.73 1.04 0.00	22.66 1.15 0.00	26.75 1.46 0.00	35.53 2.09 0.00	36.55 2.29 0.00	36.01 2.59 0.00	39.78 3.14 0.00	41.43 3.62 0.00	41.61 3.66 0.00	38.75 3.35 0.00	40.27 3.40 0.00	37.91 3.15 0.00	34.91 2.61 -3.18	39.08 1.57 -18.73	35.77 1.93 -9.26	34.22 2.24 -3.93	29.53 2.05 -0.88
DANSKAMMER___2 23589	21.28 1.08 0.00	22.72 1.17 0.00	21.25 1.11 0.00	18.85 0.94 0.00	19.66 1.00 0.00	21.42 1.08 0.00	22.24 1.16 0.00	20.73 1.04 0.00	22.66 1.15 0.00	26.75 1.46 0.00	35.53 2.09 0.00	36.55 2.29 0.00	36.01 2.59 0.00	39.78 3.14 0.00	41.43 3.62 0.00	41.61 3.66 0.00	38.75 3.35 0.00	40.27 3.40 0.00	37.91 3.15 0.00	34.91 2.61 -3.18	39.08 1.57 -18.73	35.77 1.93 -9.26	34.22 2.24 -3.93	29.53 2.05 -0.88
DANSKAMMER___3 23590	21.28 1.08 0.00	22.72 1.17 0.00	21.25 1.11 0.00	18.85 0.94 0.00	19.66 1.00 0.00	21.42 1.08 0.00	22.24 1.16 0.00	20.73 1.04 0.00	22.66 1.15 0.00	26.75 1.46 0.00	35.53 2.09 0.00	36.55 2.29 0.00	36.01 2.59 0.00	39.78 3.14 0.00	41.43 3.62 0.00	41.61 3.66 0.00	38.75 3.35 0.00	40.27 3.40 0.00	37.91 3.15 0.00	34.91 2.61 -3.18	39.08 1.57 -18.73	35.77 1.93 -9.26	34.22 2.24 -3.93	29.53 2.05 -0.88
DANSKAMMER___4 23591	21.28 1.08 0.00	22.72 1.17 0.00	21.25 1.11 0.00	18.85 0.94 0.00	19.66 1.00 0.00	21.42 1.08 0.00	22.24 1.16 0.00	20.73 1.04 0.00	22.66 1.15 0.00	26.75 1.46 0.00	35.53 2.09 0.00	36.55 2.29 0.00	36.01 2.59 0.00	39.78 3.14 0.00	41.43 3.62 0.00	41.61 3.66 0.00	38.75 3.35 0.00	40.27 3.40 0.00	37.91 3.15 0.00	34.91 2.61 -3.18	39.08 1.57 -18.73	35.77 1.93 -9.26	34.22 2.24 -3.93	29.53 2.05 -0.88
DANSKAMMER___DIESEL 23592	21.28 1.08 0.00	22.72 1.17 0.00	21.25 1.11 0.00	18.85 0.94 0.00	19.66 1.00 0.00	21.41 1.08 0.00	22.24 1.16 0.00	20.73 1.04 0.00	22.66 1.15 0.00	26.75 1.46 0.00	35.53 2.09 0.00	36.55 2.29 0.00	36.01 2.59 0.00	39.79 3.15 0.00	41.42 3.62 0.00	41.61 3.66 0.00	38.75 3.35 0.00	40.27 3.40 0.00	37.91 3.15 0.00	34.91 2.61 -3.18	39.08 1.57 -18.73	35.77 1.93 -9.26	34.22 2.24 -3.93	29.53 2.05 -0.88
DARBY___SOLAR 323810	21.26 1.05 0.00	22.76 1.21 0.00	21.32 1.18 0.00	18.93 1.02 0.00	19.74 1.09 0.00	21.52 1.18 0.00	22.27 1.20 0.00	21.39 0.95 -0.75	23.28 0.96 -0.82	26.32 1.03 0.00	34.74 1.30 0.00	35.67 1.41 0.00	35.14 1.73 0.00	38.70 2.06 0.00	40.13 2.32 0.00	40.34 2.39 0.00	37.82 2.42 0.00	39.44 2.57 0.00	37.49 2.74 0.00	41.22 2.36 -9.75	77.67 1.51 -57.38	54.85 1.90 -28.36	42.17 2.08 -12.03	31.90 1.90 -3.40
DASHVILLE___HYD 23610	20.97 0.76 0.00	22.40 0.84 0.00	20.95 0.81 0.00	18.59 0.68 0.00	19.38 0.73 0.00	21.11 0.77 0.00	21.91 0.83 0.00	20.42 0.73 0.00	22.27 0.76 0.00	26.32 1.03 0.00	35.02 1.58 0.00	36.01 1.75 0.00	35.45 2.04 0.00	39.16 2.52 0.00	40.77 2.96 0.00	41.06 3.11 0.00	38.19 2.79 0.00	39.64 2.77 0.00	37.27 2.51 0.00	34.85 2.04 -3.70	41.77 1.20 -21.78	36.83 1.47 -10.77	34.36 1.74 -4.57	29.27 1.64 -1.03

DEERFIELD_69_KV_DEERFIELD LD 355887	22.24 2.03 0.00	23.55 1.99 0.00	22.38 2.23 0.00	19.88 1.97 0.00	20.79 2.13 0.00	22.60 2.26 0.00	23.39 2.31 0.00	24.58 1.60 -3.29	26.92 1.79 -3.62	27.79 2.44 -0.07	37.65 3.70 -0.51	39.65 4.16 -1.23	40.62 4.72 -2.49	43.50 5.48 -1.39	45.09 5.66 -1.63	52.57 5.72 -8.89	40.48 5.08 0.00	60.52 5.08 -18.57	68.94 4.81 -29.37	35.82 3.56 -3.16	39.59 2.24 -18.57	36.32 2.55 -9.17	34.95 3.00 -3.89	33.67 3.15 -3.91
DELAWARE___LFGE 323621	20.85 0.64 0.00	22.29 0.73 0.00	20.81 0.67 0.00	18.48 0.58 0.00	19.27 0.61 0.00	21.02 0.68 0.00	21.80 0.72 0.00	20.33 0.64 0.00	22.22 0.71 0.00	26.18 0.89 0.00	34.69 1.24 0.00	35.67 1.41 0.00	34.86 1.45 0.00	38.50 1.75 -0.11	39.86 1.88 -0.17	40.12 1.89 -0.28	37.30 1.71 -0.20	38.88 1.75 -0.26	36.58 1.60 -0.22	32.79 1.33 -2.35	33.08 0.85 -13.45	32.31 0.98 -6.73	31.97 1.07 -2.84	28.21 0.97 -0.63
DERFIELD_115KV_TB7 355931	20.27 0.06 0.00	21.63 0.08 0.00	20.23 0.08 0.00	17.99 0.08 0.00	18.75 0.09 0.00	20.44 0.10 0.00	21.18 0.10 0.00	19.76 0.07 0.00	21.58 0.07 0.00	25.38 0.09 0.00	33.60 0.15 0.00	34.46 0.20 0.00	33.65 0.23 0.00	36.98 0.34 0.00	41.61 0.42 -3.38	52.07 0.39 -13.72	50.06 0.35 -14.31	51.35 0.37 -14.12	43.97 0.36 -8.85	31.86 0.30 -2.45	20.43 0.18 -1.47	26.02 0.20 -1.23	28.27 0.21 0.00	26.76 0.16 0.00
DOGLEVILLE___HYD 23807	20.15 -0.06 0.00	21.66 0.11 0.00	20.35 0.21 0.00	18.08 0.17 0.00	18.87 0.21 0.00	20.56 0.22 0.00	21.28 0.20 0.00	19.68 -0.01 0.00	21.33 -0.18 0.00	24.96 -0.33 0.00	33.24 -0.20 0.00	34.21 -0.05 0.00	33.85 0.44 0.00	37.48 0.85 0.00	42.40 1.21 -3.38	52.55 0.87 -13.72	50.49 0.78 -14.31	51.89 0.91 -14.12	44.73 1.12 -8.85	32.71 1.14 -2.45	21.02 0.77 -1.47	26.70 0.88 -1.23	29.01 0.95 0.00	27.32 0.72 0.00
DUNKIRK___115KV_TB_200 55889	20.96 0.75 0.00	22.29 0.74 0.00	20.61 0.47 0.00	18.26 0.35 0.00	18.97 0.31 0.00	20.83 0.49 0.00	21.80 0.72 0.00	20.57 0.87 0.00	22.64 1.14 0.00	26.84 1.56 0.00	35.58 2.14 0.00	37.04 2.78 0.00	35.53 2.12 0.00	39.26 2.62 0.00	40.42 2.61 0.00	40.58 2.63 0.00	36.30 2.13 1.23	39.21 2.51 0.17	36.43 1.67 0.00	30.83 1.14 -0.58	23.04 0.82 -3.44	26.55 0.26 -1.70	28.77 0.00 -0.72	26.62 -0.14 -0.16
DUNKIRK___1 23563	20.96 0.75 0.00	22.29 0.74 0.00	20.61 0.47 0.00	18.26 0.35 0.00	18.97 0.31 0.00	20.83 0.49 0.00	21.80 0.72 0.00	20.57 0.87 0.00	22.64 1.14 0.00	26.84 1.56 0.00	35.58 2.14 0.00	37.04 2.78 0.00	35.53 2.12 0.00	39.26 2.62 0.00	40.42 2.61 0.00	40.58 2.63 0.00	36.30 2.13 1.23	39.21 2.51 0.17	36.43 1.67 0.00	30.83 1.14 -0.58	23.04 0.82 -3.44	26.55 0.26 -1.70	28.77 0.00 -0.72	26.62 -0.14 -0.16
DUNKIRK___2 23564	20.96 0.75 0.00	22.29 0.74 0.00	20.61 0.47 0.00	18.26 0.35 0.00	18.97 0.31 0.00	20.83 0.49 0.00	21.80 0.72 0.00	20.57 0.87 0.00	22.64 1.14 0.00	26.84 1.56 0.00	35.58 2.14 0.00	37.04 2.78 0.00	35.53 2.12 0.00	39.26 2.62 0.00	40.42 2.61 0.00	40.58 2.63 0.00	36.30 2.13 1.23	39.21 2.51 0.17	36.43 1.67 0.00	30.83 1.14 -0.58	23.04 0.82 -3.44	26.55 0.26 -1.70	28.77 0.00 -0.72	26.62 -0.14 -0.16
DUNKIRK___3 23565	20.94 0.73 0.00	22.27 0.72 0.00	20.59 0.45 0.00	18.24 0.33 0.00	18.95 0.30 0.00	20.81 0.47 0.00	21.76 0.68 0.00	20.52 0.83 0.00	22.57 1.06 0.00	26.74 1.45 0.00	35.45 2.01 0.00	36.87 2.61 0.00	35.37 1.96 0.00	39.02 2.38 0.00	40.17 2.36 0.00	40.31 2.36 0.00	36.12 1.95 1.23	39.08 2.38 0.17	36.34 1.58 0.00	30.78 1.08 -0.58	23.01 0.80 -3.43	26.51 0.22 -1.70	28.74 -0.04 -0.72	26.65 -0.11 -0.16
DUNKIRK___4 23566	20.94 0.73 0.00	22.27 0.72 0.00	20.59 0.45 0.00	18.24 0.33 0.00	18.95 0.30 0.00	20.81 0.47 0.00	21.76 0.68 0.00	20.52 0.83 0.00	22.57 1.06 0.00	26.74 1.45 0.00	35.45 2.01 0.00	36.87 2.61 0.00	35.37 1.96 0.00	39.02 2.38 0.00	40.17 2.36 0.00	40.31 2.36 0.00	36.12 1.95 1.23	39.08 2.38 0.17	36.34 1.58 0.00	30.78 1.08 -0.58	23.01 0.80 -3.43	26.51 0.22 -1.70	28.74 -0.04 -0.72	26.65 -0.11 -0.16
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.25 1.04 0.00	22.66 1.11 0.00	21.20 1.05 0.00	18.79 0.88 0.00	19.59 0.94 0.00	21.34 1.00 0.00	22.16 1.08 0.00	23.99 0.99 -3.31	26.25 1.10 -3.64	26.71 1.43 0.00	35.47 2.03 0.00	36.46 2.21 0.00	35.90 2.49 0.00	39.66 3.02 0.00	41.30 3.49 0.00	41.51 3.56 0.00	38.57 3.17 0.00	40.03 3.16 0.00	37.64 2.88 0.00	34.65 2.38 -3.15	38.76 1.41 -18.56	35.50 1.74 -9.17	34.04 2.09 -3.89	32.52 1.98 -3.94
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.08 0.87 0.00	22.51 0.96 0.00	21.05 0.91 0.00	18.67 0.76 0.00	19.47 0.81 0.00	21.21 0.87 0.00	22.02 0.94 0.00	19.78 0.84 0.75	21.59 0.91 0.83	26.47 1.18 0.00	35.13 1.69 0.00	36.14 1.88 0.00	35.57 2.16 0.00	39.27 2.63 0.00	40.88 3.08 0.00	41.10 3.14 0.00	38.26 2.86 0.00	39.76 2.89 0.00	37.42 2.66 0.00	34.38 2.21 -3.06	38.11 1.32 -18.00	35.11 1.62 -8.90	33.73 1.90 -3.78	28.48 1.74 -0.15
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.27 1.07 0.00	22.69 1.14 0.00	21.22 1.08 0.00	18.82 0.91 0.00	19.62 0.96 0.00	21.39 1.06 0.00	22.20 1.12 0.00	24.00 0.99 -3.31	26.30 1.15 -3.65	26.73 1.45 0.00	35.47 2.03 0.00	36.47 2.21 0.00	35.96 2.55 0.00	39.75 3.11 0.00	41.38 3.57 0.00	41.64 3.69 0.00	38.53 3.13 0.00	39.99 3.12 0.00	37.57 2.82 0.00	34.66 2.40 -3.15	38.73 1.39 -18.56	35.51 1.75 -9.17	34.12 2.17 -3.89	32.54 2.00 -3.94
E179THST_13_KV_LOAD 356214	21.40 1.19 0.00	22.82 1.27 0.00	21.34 1.20 0.00	18.92 1.01 0.00	19.72 1.06 0.00	21.51 1.17 0.00	22.32 1.25 0.00	24.12 1.11 -3.31	26.44 1.28 -3.65	26.90 1.62 0.00	35.70 2.25 0.00	36.71 2.45 0.00	36.20 2.79 0.00	40.01 3.37 0.00	41.65 3.85 0.00	41.93 3.97 0.00	38.80 3.40 0.00	40.27 3.40 0.00	37.83 3.08 0.00	34.89 2.62 -3.15	38.87 1.52 -18.56	35.68 1.92 -9.17	34.31 2.37 -3.89	32.72 2.18 -3.94
EAST HAMPTON___GT 23717	22.61 2.40 0.00	23.93 2.37 0.00	22.71 2.57 0.00	20.17 2.26 0.00	21.11 2.45 0.00	22.93 2.59 0.00	23.76 2.68 0.00	24.94 1.96 -3.29	27.19 2.07 -3.62	28.16 2.80 -0.07	38.17 4.22 -0.51	40.26 4.77 -1.23	41.27 5.37 -2.49	44.28 6.25 -1.39	45.81 6.37 -1.63	53.30 6.45 -8.90	41.17 5.77 0.00	61.32 5.86 -18.58	69.69 5.53 -29.40	36.30 4.04 -3.16	39.97 2.62 -18.57	36.85 3.09 -9.17	35.51 3.57 -3.89	34.17 3.65 -3.92
EAST RIVER___6 23660	21.40 1.19 0.00	22.80 1.25 0.00	21.31 1.16 0.00	18.88 0.97 0.00	19.68 1.02 0.00	21.43 1.09 0.00	22.26 1.18 0.00	24.12 1.12 -3.32	26.43 1.28 -3.65	26.92 1.64 0.00	35.64 2.20 0.00	36.64 2.38 0.00	36.11 2.69 0.00	39.87 3.23 0.00	41.55 3.75 0.00	41.81 3.85 0.00	38.84 3.43 0.00	40.29 3.42 0.00	37.86 3.10 0.00	34.81 2.55 -3.15	38.84 1.50 -18.56	35.60 1.84 -9.17	34.19 2.24 -3.89	32.66 2.12 -3.94

EAST_RIVER___7 23524	21.40 1.19 0.00	22.80 1.25 0.00	21.31 1.16 0.00	18.88 0.97 0.00	19.68 1.02 0.00	21.43 1.09 0.00	22.26 1.18 0.00	24.12 1.12 -3.32	26.43 1.28 -3.65	26.92 1.64 0.00	35.64 2.20 0.00	36.64 2.38 0.00	36.11 2.69 0.00	39.87 3.23 0.00	41.55 3.75 0.00	41.81 3.85 0.00	38.84 3.43 0.00	40.29 3.42 0.00	37.86 3.10 0.00	34.81 2.55 -3.15	38.84 1.50 -18.56	35.60 1.84 -9.17	34.19 2.24 -3.89	32.66 2.12 -3.94
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.19 0.98 0.00	22.60 1.05 0.00	21.14 1.00 0.00	18.75 0.84 0.00	19.55 0.89 0.00	21.30 0.96 0.00	22.11 1.03 0.00	24.15 0.93 -3.52	26.41 1.03 -3.88	26.63 1.34 0.00	35.36 1.93 0.00	36.36 2.10 0.00	35.80 2.39 0.00	39.55 2.91 0.00	41.18 3.37 0.00	41.39 3.44 0.00	38.47 3.07 0.00	39.93 3.06 0.00	37.56 2.80 0.00	34.56 2.31 -3.14	38.66 1.37 -18.51	35.42 1.68 -9.15	33.97 2.03 -3.88	32.62 1.90 -4.13
EAST_HAMPTON___DIESEL 23722	22.61 2.40 0.00	23.93 2.38 0.00	22.71 2.57 0.00	20.17 2.26 0.00	21.11 2.45 0.00	22.94 2.60 0.00	23.76 2.68 0.00	24.94 1.96 -3.29	27.21 2.08 -3.62	28.17 2.81 -0.07	38.20 4.24 -0.51	40.28 4.79 -1.23	41.28 5.38 -2.49	44.31 6.28 -1.39	45.84 6.40 -1.63	53.34 6.49 -8.89	41.20 5.80 0.00	61.35 5.90 -18.58	69.72 5.55 -29.40	36.33 4.06 -3.16	39.97 2.63 -18.57	36.86 3.10 -9.17	35.52 3.57 -3.89	34.17 3.66 -3.92
EAST_PULASKI___ESR 323781	19.94 -0.27 0.00	21.17 -0.38 0.00	19.76 -0.39 0.00	17.61 -0.30 0.00	18.35 -0.31 0.00	20.06 -0.28 0.00	20.84 -0.24 0.00	19.50 -0.19 0.00	21.29 -0.22 0.00	25.05 -0.24 0.00	33.20 -0.24 0.00	34.21 -0.05 0.00	33.17 -0.24 0.00	37.47 -0.26 -1.10	31.29 -0.28 6.24	9.02 -0.16 28.77	-7.49 -0.10 42.80	6.49 0.04 30.42	16.30 0.05 18.50	23.40 0.02 5.72	15.62 0.01 3.18	22.39 -0.27 1.94	27.85 -0.47 -0.26	26.02 -0.58 0.00
EAST_RIVER___1 323558	21.32 1.11 0.00	22.72 1.17 0.00	21.25 1.10 0.00	18.82 0.92 0.00	19.63 0.97 0.00	21.38 1.04 0.00	22.21 1.14 0.00	24.06 1.06 -3.32	26.35 1.20 -3.65	26.84 1.55 0.00	35.62 2.18 0.00	36.59 2.34 0.00	36.05 2.64 0.00	39.82 3.18 0.00	41.51 3.70 0.00	41.74 3.78 0.00	38.74 3.34 0.00	40.19 3.32 0.00	37.77 3.02 0.00	34.75 2.49 -3.15	38.81 1.47 -18.56	35.56 1.80 -9.17	34.16 2.21 -3.89	32.62 2.08 -3.94
EAST_RIVER___2 323559	21.40 1.19 0.00	22.80 1.25 0.00	21.31 1.16 0.00	18.88 0.97 0.00	19.68 1.02 0.00	21.43 1.09 0.00	22.26 1.18 0.00	24.12 1.12 -3.32	26.43 1.28 -3.65	26.92 1.64 0.00	35.64 2.20 0.00	36.64 2.38 0.00	36.11 2.69 0.00	39.87 3.23 0.00	41.55 3.75 0.00	41.81 3.85 0.00	38.84 3.43 0.00	40.29 3.42 0.00	37.86 3.10 0.00	34.81 2.55 -3.15	38.84 1.50 -18.56	35.60 1.84 -9.17	34.19 2.24 -3.89	32.66 2.12 -3.94
EAST___DELAWARE_HYD 23607	20.90 0.69 0.00	22.29 0.73 0.00	20.82 0.68 0.00	18.47 0.56 0.00	19.25 0.59 0.00	20.98 0.64 0.00	21.78 0.70 0.00	19.86 0.65 0.48	21.67 0.69 0.52	26.20 0.91 0.00	34.60 1.16 0.00	35.60 1.34 0.00	34.88 1.46 0.00	37.63 0.99 0.00	39.33 1.53 0.00	39.79 1.83 0.00	37.26 1.86 0.00	38.70 1.83 0.00	36.46 1.71 0.00	33.43 1.41 -2.91	36.74 0.86 -17.09	34.49 1.46 -8.45	33.25 1.61 -3.58	28.40 1.43 -0.37
EIGHT_POINT___WT_PWR 323820	20.88 0.67 0.00	21.96 0.40 0.00	20.23 0.08 0.00	17.96 0.05 0.00	18.81 0.16 0.00	20.53 0.18 0.00	21.36 0.28 0.00	20.15 0.46 0.00	22.31 0.81 0.00	26.41 1.13 0.00	35.05 1.61 0.00	36.52 2.26 0.00	35.09 1.67 0.00	38.86 3.23 0.00	39.84 3.75 0.00	39.83 3.85 0.00	35.49 3.43 1.22	38.08 3.42 0.17	35.83 3.10 0.00	30.59 2.55 -0.70	23.39 1.50 -4.09	26.45 1.84 -2.02	28.54 2.24 -0.86	26.35 2.12 -0.19
ELBRIDGE_115KV_TB2 80188	20.19 -0.01 0.00	21.49 -0.06 0.00	20.07 -0.08 0.00	17.84 -0.06 0.00	18.60 -0.06 0.00	20.30 -0.04 0.00	21.05 -0.02 0.00	19.73 0.04 0.00	21.57 0.06 0.00	25.42 0.13 0.00	33.61 0.17 0.00	34.62 0.36 0.00	33.73 0.32 0.00	37.80 0.45 -0.71	39.31 0.44 -1.07	40.23 0.46 -1.81	35.31 0.48 0.57	38.82 0.58 -1.37	36.18 0.51 -0.91	29.61 0.33 -0.17	21.40 0.24 -2.38	26.37 0.07 -1.71	28.58 -0.10 -0.63	26.58 -0.13 -0.10
ELEC_TRO_TEK 24086	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.92 1.01 0.00	19.76 1.11 0.00	21.53 1.19 0.00	22.31 1.23 0.00	24.02 1.04 -3.29	26.32 1.19 -3.62	26.99 1.63 -0.07	36.42 2.47 -0.51	38.16 2.67 -1.23	38.86 2.96 -2.49	41.45 3.43 -1.38	41.62 3.81 0.00	41.84 3.89 0.00	38.75 3.35 0.00	40.13 3.26 0.00	37.74 2.98 0.00	34.61 2.34 -3.16	38.75 1.40 -18.57	35.46 1.69 -9.17	34.06 2.11 -3.89	32.73 2.21 -3.91
ELLENBURG_WT_PWR 323604	20.44 0.23 0.00	21.47 -0.08 0.00	19.89 -0.26 0.00	17.50 -0.40 0.00	18.22 -0.44 0.00	19.77 -0.57 0.00	20.55 -0.52 0.00	19.52 -0.17 0.00	21.62 0.11 0.00	25.17 -0.12 0.00	32.54 -0.90 0.00	32.55 -1.70 0.00	-3.97 -2.42 34.96	-12.46 -2.90 46.19	1.38 -3.07 33.35	-14.12 -2.98 49.09	-21.36 -2.65 54.11	-27.83 -2.51 62.19	3.03 -2.36 29.36	23.74 -1.78 3.59	14.09 -1.10 3.59	20.41 -1.18 3.00	26.84 -1.22 0.00	25.91 -0.69 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.01 0.80 0.00	22.29 0.74 0.00	20.59 0.45 0.00	18.25 0.34 0.00	18.93 0.27 0.00	20.80 0.46 0.00	21.70 0.62 0.00	20.44 0.75 0.00	22.44 0.94 0.00	26.57 1.28 0.00	35.27 1.83 0.00	36.63 2.37 0.00	35.15 1.74 0.00	38.58 1.94 0.00	39.73 1.92 0.00	39.74 1.79 0.00	35.72 1.57 1.25	38.88 2.18 0.17	36.20 1.44 0.00	30.66 0.99 -0.55	22.81 0.76 -3.27	26.35 0.15 -1.62	28.53 -0.22 -0.69	26.57 -0.18 -0.15
EMPIRE_CC_1 323656	20.64 0.43 0.00	22.17 0.61 0.00	20.88 0.73 0.00	18.54 0.63 0.00	19.32 0.66 0.00	21.00 0.66 0.00	21.67 0.59 0.00	21.00 0.40 -0.91	22.86 0.35 -1.00	25.60 0.32 0.00	33.91 0.47 0.00	34.73 0.47 0.00	34.22 0.80 0.00	37.68 1.05 0.00	39.09 1.28 0.00	39.10 1.15 0.00	36.51 1.12 0.00	37.94 1.07 0.00	35.95 1.19 0.00	35.11 1.11 -4.89	48.23 0.68 -28.76	39.66 0.86 -14.21	35.13 1.05 -6.03	29.79 0.99 -2.20
EMPIRE_CC_2 323658	20.64 0.43 0.00	22.17 0.61 0.00	20.88 0.73 0.00	18.54 0.63 0.00	19.32 0.66 0.00	21.00 0.66 0.00	21.67 0.59 0.00	21.00 0.40 -0.91	22.86 0.35 -1.00	25.60 0.32 0.00	33.91 0.47 0.00	34.73 0.47 0.00	34.22 0.80 0.00	37.68 1.05 0.00	39.09 1.28 0.00	39.10 1.15 0.00	36.51 1.12 0.00	37.94 1.07 0.00	35.95 1.19 0.00	35.11 1.11 -4.89	48.23 0.68 -28.76	39.66 0.86 -14.21	35.13 1.05 -6.03	29.79 0.99 -2.20
ENORWICH_115KV_TB1 80156	21.59 1.39 0.00	22.96 1.40 0.00	21.39 1.25 0.00	19.03 1.12 0.00	19.89 1.23 0.00	21.77 1.43 0.00	22.76 1.68 0.00	21.30 1.61 0.00	23.26 1.75 0.00	27.34 2.06 0.00	36.15 2.71 0.00	37.29 3.03 0.00	36.24 2.82 0.00	40.36 3.47 -0.25	41.71 3.52 -0.37	42.21 3.62 -0.64	39.28 3.43 -0.45	41.18 3.73 -0.58	39.03 3.77 -0.50	33.70 3.15 -1.44	28.39 1.99 -7.62	30.79 2.25 -3.95	31.79 2.09 -1.64	28.72 1.77 -0.36

ERIE_ST__34_KV_TB1-2 80199	21.13 0.92 0.00	22.40 0.85 0.00	20.70 0.55 0.00	18.33 0.42 0.00	19.03 0.37 0.00	20.90 0.56 0.00	21.83 0.75 0.00	20.60 0.91 0.00	22.63 1.12 0.00	26.83 1.55 0.00	35.67 2.23 0.00	37.06 2.80 0.00	35.62 2.21 0.00	39.14 2.51 0.00	40.38 2.57 0.00	40.41 2.46 0.00	36.38 2.22 1.24	39.56 2.86 0.17	36.80 2.04 0.00	31.17 1.48 -0.58	23.23 1.06 -3.39	26.80 0.54 -1.68	29.00 0.23 -0.71	26.99 0.22 -0.16
ERIE_WT_PWR 323693	21.10 0.89 0.00	22.38 0.83 0.00	20.67 0.53 0.00	18.32 0.42 0.00	19.02 0.36 0.00	20.88 0.54 0.00	21.80 0.72 0.00	20.53 0.83 0.00	22.56 1.05 0.00	26.71 1.42 0.00	35.52 2.07 0.00	36.88 2.62 0.00	35.39 1.98 0.00	38.92 2.28 0.00	40.05 2.25 0.00	40.07 2.12 0.00	36.08 1.93 1.24	39.24 2.54 0.17	36.50 1.74 0.00	30.88 1.20 -0.57	23.02 0.89 -3.35	26.54 0.29 -1.65	28.71 -0.05 -0.70	26.74 -0.02 -0.16
ESPRGFLD_115KV_TB1 80157	21.56 1.35 0.00	22.87 1.32 0.00	21.26 1.12 0.00	18.88 0.97 0.00	19.69 1.03 0.00	21.54 1.20 0.00	22.41 1.34 0.00	21.02 1.33 0.00	23.05 1.54 0.00	27.18 1.90 0.00	36.02 2.58 0.00	37.04 2.78 0.00	35.92 2.51 0.00	39.41 2.77 0.00	40.57 2.77 0.00	40.86 2.91 0.00	38.10 2.70 0.00	39.78 2.91 0.00	37.43 2.67 0.00	38.27 2.15 -7.01	61.41 1.36 -41.26	46.60 1.61 -20.39	38.36 1.65 -8.65	30.04 1.49 -1.95
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.68 0.48 0.00	22.02 0.47 0.00	20.53 0.39 0.00	18.26 0.36 0.00	19.05 0.39 0.00	20.80 0.46 0.00	21.63 0.55 0.00	20.25 0.56 0.00	22.14 0.63 0.00	26.05 0.77 0.00	34.46 1.01 0.00	35.51 1.25 0.00	34.53 1.12 0.00	38.48 1.48 -0.35	39.86 1.52 -0.53	40.43 1.58 -0.90	36.17 1.51 0.73	39.19 1.71 -0.61	37.08 1.62 -0.71	31.44 1.34 -0.99	24.30 0.87 -4.64	28.00 0.85 -2.56	29.83 0.73 -1.04	27.42 0.61 -0.21
ETNA____115KV_TB2 80207	20.68 0.48 0.00	22.02 0.47 0.00	20.53 0.39 0.00	18.26 0.36 0.00	19.05 0.39 0.00	20.80 0.46 0.00	21.63 0.55 0.00	20.25 0.56 0.00	22.14 0.63 0.00	26.05 0.77 0.00	34.46 1.01 0.00	35.51 1.25 0.00	34.53 1.12 0.00	38.48 1.48 -0.35	39.86 1.52 -0.53	40.43 1.58 -0.90	36.17 1.51 0.73	39.19 1.71 -0.61	37.08 1.62 -0.71	31.44 1.34 -0.99	24.30 0.87 -4.64	28.00 0.85 -2.56	29.83 0.73 -1.04	27.42 0.61 -0.21
EUCLID__115KV_TB2 356179	19.98 -0.23 0.00	21.28 -0.28 0.00	19.86 -0.28 0.00	17.68 -0.23 0.00	18.41 -0.25 0.00	20.07 -0.27 0.00	20.83 -0.25 0.00	19.50 -0.20 0.00	21.30 -0.21 0.00	25.09 -0.19 0.00	33.28 -0.16 0.00	34.29 0.03 0.00	33.38 -0.03 0.00	36.97 0.07 -0.26	38.32 0.12 -0.39	38.76 0.13 -0.67	33.67 0.12 1.84	37.37 0.24 -0.26	34.79 0.13 0.11	28.81 0.04 0.34	20.63 0.04 -1.81	25.48 -0.20 -1.09	28.10 -0.38 -0.43	26.28 -0.40 -0.08
E_CANADA_CAP_HY 24051	21.87 1.67 0.00	23.19 1.64 0.00	21.56 1.42 0.00	19.16 1.25 0.00	19.97 1.32 0.00	21.84 1.50 0.00	22.71 1.63 0.00	21.83 1.62 -0.52	23.88 1.81 -0.57	27.44 2.15 0.00	36.30 2.86 0.00	37.25 2.99 0.00	36.13 2.71 0.00	39.55 2.91 0.00	40.73 2.92 0.00	41.09 3.14 0.00	38.38 2.98 0.00	40.14 3.27 0.00	37.84 3.08 0.00	40.35 2.53 -8.72	71.71 1.64 -51.29	51.95 2.01 -25.35	40.93 2.13 -10.75	31.45 1.95 -2.90
E_CANADA_MHWK_HY 24050	20.15 -0.06 0.00	21.66 0.11 0.00	20.35 0.21 0.00	18.08 0.17 0.00	18.87 0.21 0.00	20.56 0.22 0.00	21.28 0.20 0.00	19.68 -0.01 0.00	21.33 -0.18 0.00	24.96 -0.33 0.00	33.24 -0.20 0.00	34.21 -0.05 0.00	33.85 0.44 0.00	37.48 0.85 0.00	42.40 1.21 -3.38	52.55 0.87 -13.72	50.49 0.78 -14.31	51.89 0.91 -14.12	44.73 1.12 -8.85	32.71 1.14 -2.45	21.02 0.77 -1.47	26.70 0.88 -1.23	29.01 0.95 0.00	27.32 0.72 0.00
E_FISHKILL__LBMP 23776	21.03 0.82 0.00	22.47 0.92 0.00	21.04 0.89 0.00	18.66 0.75 0.00	19.46 0.80 0.00	21.19 0.85 0.00	21.99 0.91 0.00	21.77 0.79 -1.29	23.78 0.85 -1.42	26.37 1.09 0.00	35.03 1.59 0.00	35.99 1.73 0.00	35.43 2.02 0.00	39.12 2.48 0.00	40.69 2.88 0.00	40.87 2.91 0.00	38.01 2.61 0.00	39.48 2.61 0.00	37.17 2.41 0.00	34.37 2.02 -3.24	39.03 1.20 -19.05	35.49 1.48 -9.41	33.85 1.80 -3.99	30.37 1.69 -2.09
FALCON__SEABRD_CC1 323796	20.71 0.50 0.00	21.74 0.19 0.00	20.12 -0.02 0.00	17.69 -0.22 0.00	18.40 -0.26 0.00	19.95 -0.39 0.00	20.71 -0.37 0.00	19.66 -0.03 0.00	21.78 0.28 0.00	25.23 -0.05 0.00	32.39 -1.05 0.00	32.31 -1.95 0.00	-4.69 -2.83 35.27	-13.33 -3.36 46.60	0.60 -3.55 33.65	-14.92 -3.41 49.47	-22.87 -2.98 55.28	-28.63 -2.91 62.60	2.37 -2.73 29.66	23.25 -2.08 3.79	13.83 -1.31 3.64	20.08 -1.47 3.04	26.70 -1.36 0.00	26.14 -0.46 0.00
FALCON__SEABRD_CC2 323797	20.71 0.50 0.00	21.74 0.19 0.00	20.12 -0.02 0.00	17.69 -0.22 0.00	18.40 -0.26 0.00	19.95 -0.39 0.00	20.71 -0.37 0.00	19.66 -0.03 0.00	21.78 0.28 0.00	25.23 -0.05 0.00	32.39 -1.05 0.00	32.31 -1.95 0.00	-4.69 -2.83 35.27	-13.33 -3.36 46.60	0.60 -3.55 33.65	-14.92 -3.41 49.47	-22.87 -2.98 55.28	-28.63 -2.91 62.60	2.37 -2.73 29.66	23.25 -2.08 3.79	13.83 -1.31 3.64	20.08 -1.47 3.04	26.70 -1.36 0.00	26.14 -0.46 0.00
FAR ROCKAWAY__4 23548	21.75 1.54 0.00	23.11 1.55 0.00	21.67 1.52 0.00	19.19 1.28 0.00	20.05 1.39 0.00	21.84 1.49 0.00	22.61 1.53 0.00	24.31 1.33 -3.29	26.67 1.54 -3.62	27.40 2.04 -0.07	37.07 3.12 -0.51	38.86 3.38 -1.23	39.56 3.66 -2.49	42.15 4.13 -1.38	42.37 4.56 0.00	42.66 4.71 0.00	39.50 4.10 0.00	40.64 3.78 0.00	38.19 3.43 0.00	34.96 2.69 -3.16	38.96 1.61 -18.57	35.69 1.92 -9.17	34.28 2.33 -3.89	32.90 2.38 -3.91
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.32 1.11 0.00	22.73 1.18 0.00	21.25 1.11 0.00	18.84 0.93 0.00	19.65 0.99 0.00	21.40 1.06 0.00	22.23 1.16 0.00	24.07 1.07 -3.32	26.37 1.22 -3.65	26.86 1.58 0.00	35.66 2.22 0.00	36.63 2.37 0.00	36.08 2.67 0.00	39.87 3.23 0.00	41.55 3.74 0.00	41.77 3.82 0.00	38.77 3.38 0.00	40.23 3.36 0.00	37.81 3.05 0.00	34.79 2.52 -3.15	38.83 1.49 -18.56	35.59 1.83 -9.17	34.19 2.24 -3.89	32.65 2.11 -3.94
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.34 1.13 0.00	22.75 1.20 0.00	21.27 1.12 0.00	18.85 0.94 0.00	19.66 1.00 0.00	21.41 1.07 0.00	22.24 1.17 0.00	24.09 1.08 -3.32	26.39 1.23 -3.65	26.88 1.59 0.00	35.67 2.23 0.00	36.66 2.40 0.00	36.10 2.69 0.00	39.90 3.26 0.00	41.57 3.76 0.00	41.80 3.84 0.00	38.81 3.41 0.00	40.26 3.39 0.00	37.84 3.09 0.00	34.82 2.55 -3.15	38.85 1.51 -18.56	35.62 1.86 -9.17	34.21 2.27 -3.89	32.68 2.14 -3.94
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.31 1.10 0.00	22.72 1.16 0.00	21.24 1.10 0.00	18.83 0.92 0.00	19.64 0.98 0.00	21.39 1.05 0.00	22.22 1.14 0.00	24.07 1.07 -3.32	26.36 1.21 -3.65	26.85 1.57 0.00	35.63 2.19 0.00	36.61 2.35 0.00	36.05 2.64 0.00	39.84 3.21 0.00	41.51 3.71 0.00	41.74 3.78 0.00	38.75 3.35 0.00	40.20 3.32 0.00	37.78 3.03 0.00	34.77 2.50 -3.15	38.82 1.47 -18.56	35.57 1.81 -9.17	34.16 2.21 -3.89	32.63 2.09 -3.94

FARRAGUT___LBMP 323566	21.29 1.08 0.00	22.69 1.14 0.00	21.22 1.08 0.00	18.81 0.90 0.00	19.62 0.96 0.00	21.37 1.03 0.00	22.20 1.12 0.00	24.05 1.04 -3.32	26.33 1.18 -3.65	26.81 1.52 0.00	35.59 2.14 0.00	36.56 2.30 0.00	36.00 2.59 0.00	39.79 3.15 0.00	41.45 3.65 0.00	41.68 3.73 0.00	38.69 3.30 0.00	40.14 3.27 0.00	37.74 2.98 0.00	34.72 2.46 -3.15	38.80 1.45 -18.56	35.54 1.78 -9.17	34.13 2.18 -3.89	32.61 2.07 -3.94
FENNER___WINDPWR 24204	20.58 0.37 0.00	21.91 0.36 0.00	20.45 0.31 0.00	18.19 0.28 0.00	18.97 0.32 0.00	20.72 0.38 0.00	21.54 0.46 0.00	20.13 0.44 0.00	21.99 0.49 0.00	25.90 0.61 0.00	34.39 0.95 0.00	35.40 1.14 0.00	34.47 1.05 0.00	38.23 1.32 -0.27	42.61 1.42 -3.39	51.92 1.50 -12.47	48.58 1.38 -11.80	50.03 1.54 -11.61	44.00 1.47 -7.77	32.76 1.17 -2.48	23.19 0.71 -3.70	27.78 0.71 -2.49	29.20 0.59 -0.55	27.13 0.42 -0.11
FIBERTEK___ENERGY 23856	20.22 0.01 0.00	21.53 -0.02 0.00	20.10 -0.04 0.00	17.88 -0.03 0.00	18.63 -0.03 0.00	20.34 -0.01 0.00	21.10 0.02 0.00	19.76 0.07 0.00	21.59 0.08 0.00	25.44 0.15 0.00	33.72 0.28 0.00	34.71 0.45 0.00	33.77 0.36 0.00	37.71 0.41 -0.66	39.24 0.44 -0.99	40.07 0.43 -1.69	34.98 0.42 0.84	38.64 0.54 -1.23	35.93 0.43 -0.74	29.42 0.28 -0.03	21.23 0.21 -2.24	26.24 0.05 -1.60	28.58 -0.07 -0.59	26.63 -0.07 -0.10
FITZPATRICK____ 23598	19.65 -0.56 0.00	20.92 -0.63 0.00	19.55 -0.60 0.00	17.41 -0.50 0.00	18.12 -0.53 0.00	19.75 -0.59 0.00	20.48 -0.60 0.00	19.17 -0.53 0.00	20.93 -0.58 0.00	24.64 -0.65 0.00	32.64 -0.81 0.00	33.57 -0.69 0.00	32.68 -0.73 0.00	31.81 -0.72 4.11	30.94 -0.70 6.16	26.79 -0.70 10.46	27.36 -0.65 7.39	26.75 -0.58 9.54	25.96 -0.62 8.18	25.96 -0.57 2.58	17.27 -0.35 1.17	20.31 -0.64 3.64	26.23 -0.84 0.99	25.78 -0.82 0.00
FLOWRFLD_69_KV_BK1 356044	21.72 1.51 0.00	23.03 1.48 0.00	21.76 1.61 0.00	19.27 1.37 0.00	20.17 1.51 0.00	21.91 1.57 0.00	22.68 1.60 0.00	24.15 1.17 -3.29	26.51 1.39 -3.62	27.25 1.89 -0.07	36.84 2.89 -0.51	38.72 3.23 -1.23	39.59 3.69 -2.49	42.22 4.19 -1.39	44.92 4.40 -2.72	57.39 4.58 -14.85	39.21 3.80 -0.01	71.55 3.66 -31.02	97.71 3.39 -59.56	34.80 2.53 -3.16	38.86 1.51 -18.57	35.46 1.70 -9.17	34.19 2.24 -3.89	33.01 2.50 -3.91
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.33 1.12 0.00	22.77 1.22 0.00	21.29 1.15 0.00	18.88 0.97 0.00	19.70 1.04 0.00	21.45 1.12 0.00	22.28 1.21 0.00	21.17 1.08 -0.39	23.18 1.20 -0.47	26.81 1.52 0.00	35.62 2.18 0.00	36.65 2.39 0.00	36.11 2.70 0.00	39.91 3.27 0.00	41.55 3.74 0.00	41.74 3.78 0.00	38.87 3.47 0.00	40.39 3.52 0.00	38.03 3.27 0.00	35.01 2.70 -3.20	39.20 1.62 -18.79	35.87 1.99 -9.29	34.31 2.31 -3.94	29.60 2.12 -0.89
FORT ORANGE____ 23900	20.69 0.49 0.00	22.19 0.64 0.00	20.83 0.69 0.00	18.51 0.60 0.00	19.30 0.64 0.00	20.99 0.65 0.00	21.71 0.63 0.00	20.90 0.47 -0.74	22.75 0.43 -0.82	25.64 0.36 0.00	33.71 0.27 0.00	34.43 0.17 0.00	33.89 0.47 0.00	37.35 0.71 0.00	38.77 0.96 0.00	38.81 0.85 0.00	36.24 0.84 0.00	37.71 0.84 0.00	35.71 0.95 0.00	36.72 0.94 -6.68	58.68 0.59 -39.30	44.78 0.77 -19.42	37.28 0.99 -8.24	30.05 0.91 -2.54
FORT_DRUM_COGEN 23780	20.29 0.08 0.00	21.37 -0.18 0.00	19.90 -0.24 0.00	17.76 -0.15 0.00	18.58 -0.08 0.00	20.40 0.06 0.00	21.30 0.22 0.00	19.93 0.24 0.00	21.76 0.25 0.00	25.53 0.24 0.00	33.93 0.48 0.00	34.91 0.65 0.00	35.06 0.09 -1.55	39.06 -0.18 -2.60	12.63 -0.34 24.83	-67.44 0.17 105.56	-112.39 0.38 148.17	-72.59 0.55 110.01	-33.39 0.77 68.92	8.63 0.71 21.18	7.42 0.33 11.70	15.22 0.04 9.41	28.10 -0.08 -0.13	26.10 -0.50 0.00
FPL_FAR_ROCK_GT1 24212	21.75 1.54 0.00	23.11 1.55 0.00	21.67 1.52 0.00	19.19 1.28 0.00	20.05 1.39 0.00	21.84 1.50 0.00	22.61 1.53 0.00	24.31 1.33 -3.29	26.67 1.54 -3.62	27.40 2.04 -0.07	37.07 3.12 -0.51	38.87 3.38 -1.23	39.56 3.66 -2.49	42.14 4.12 -1.39	42.37 4.56 0.00	42.67 4.72 0.00	39.50 4.11 0.00	40.64 3.78 0.00	38.19 3.43 0.00	34.97 2.70 -3.16	38.96 1.61 -18.57	35.70 1.93 -9.18	34.28 2.33 -3.89	32.90 2.38 -3.92
FPL_FAR_ROCK_GT2 23815	21.75 1.54 0.00	23.11 1.55 0.00	21.67 1.52 0.00	19.19 1.28 0.00	20.05 1.39 0.00	21.84 1.50 0.00	22.61 1.53 0.00	24.31 1.33 -3.29	26.67 1.54 -3.62	27.40 2.04 -0.07	37.07 3.12 -0.51	38.87 3.38 -1.23	39.56 3.66 -2.49	42.14 4.12 -1.39	42.37 4.56 0.00	42.67 4.72 0.00	39.50 4.11 0.00	40.64 3.78 0.00	38.19 3.43 0.00	34.97 2.70 -3.16	38.96 1.61 -18.57	35.70 1.93 -9.18	34.28 2.33 -3.89	32.90 2.38 -3.92
FRANKLIN_FALL_HYD 24054	20.38 0.17 0.00	21.45 -0.10 0.00	19.91 -0.23 0.00	17.55 -0.36 0.00	18.27 -0.38 0.00	19.89 -0.46 0.00	20.69 -0.39 0.00	19.61 -0.08 0.00	21.66 0.15 0.00	25.26 -0.02 0.00	32.87 -0.57 0.00	33.05 -1.21 0.00	55.49 -1.78 -23.85	65.95 -2.20 -31.51	39.07 -2.30 -3.57	-15.85 -2.36 51.45	-53.55 -2.16 86.79	-38.60 -2.03 73.43	-4.86 -1.90 37.72	18.80 -1.38 8.93	13.14 -0.84 4.80	19.80 -0.78 4.01	27.24 -0.82 0.00	26.04 -0.56 0.00
FREEPORT_EQUS_GT1 23764	21.58 1.37 0.00	22.93 1.38 0.00	21.51 1.37 0.00	19.05 1.14 0.00	19.92 1.26 0.00	21.69 1.35 0.00	22.46 1.39 0.00	24.16 1.18 -3.29	26.49 1.36 -3.62	27.22 1.86 -0.07	36.77 2.82 -0.51	38.56 3.07 -1.23	39.30 3.40 -2.49	41.93 3.90 -1.39	42.08 4.27 0.00	42.20 4.25 0.00	39.07 3.67 0.00	40.44 3.57 0.00	38.04 3.28 0.00	34.83 2.56 -3.16	38.88 1.53 -18.57	35.68 1.91 -9.17	34.32 2.37 -3.89	32.98 2.47 -3.92
FREEPORT___CT2 23818	21.58 1.37 0.00	22.93 1.38 0.00	21.51 1.37 0.00	19.05 1.14 0.00	19.92 1.26 0.00	21.69 1.35 0.00	22.46 1.39 0.00	24.16 1.18 -3.29	26.49 1.36 -3.62	27.22 1.86 -0.07	36.77 2.82 -0.51	38.56 3.07 -1.23	39.30 3.40 -2.49	41.93 3.90 -1.39	42.08 4.27 0.00	42.20 4.25 0.00	39.07 3.67 0.00	40.44 3.57 0.00	38.04 3.28 0.00	34.83 2.56 -3.16	38.88 1.53 -18.57	35.68 1.91 -9.17	34.32 2.37 -3.89	32.98 2.47 -3.92
FRESHKLS_33_KV_LOAD 356253	21.34 1.14 0.00	22.74 1.19 0.00	21.26 1.11 0.00	18.84 0.93 0.00	19.65 0.99 0.00	21.41 1.07 0.00	22.14 1.06 0.00	21.50 0.93 -0.88	22.49 1.08 0.10	26.71 1.42 0.00	35.42 2.00 0.02	36.25 2.19 0.20	35.87 2.50 0.04	36.36 3.03 3.31	36.42 3.50 4.89	37.59 3.57 3.94	38.56 3.16 0.00	40.03 3.16 0.00	37.75 2.98 0.00	34.96 2.69 -3.16	38.83 1.49 -18.56	35.57 1.80 -9.18	34.24 2.29 -3.90	32.63 2.10 -3.94
FULTON COGEN____ 23766	19.95 -0.26 0.00	21.24 -0.32 0.00	19.83 -0.31 0.00	17.66 -0.25 0.00	18.38 -0.28 0.00	20.04 -0.30 0.00	20.80 -0.28 0.00	19.47 -0.22 0.00	21.26 -0.25 0.00	25.03 -0.26 0.00	33.21 -0.23 0.00	34.21 -0.05 0.00	33.27 -0.14 0.00	37.81 -0.08 -1.25	37.54 -0.06 0.21	32.87 -0.04 5.05	24.93 -0.04 10.44	31.49 0.13 5.50	31.90 0.05 2.91	28.11 -0.02 0.98	18.22 0.00 0.56	24.69 -0.24 -0.34	27.93 -0.43 -0.30	26.15 -0.45 0.00



FULTON___LFGE 323630	22.29 2.08 0.00	23.67 2.12 0.00	22.04 1.90 0.00	19.58 1.67 0.00	20.41 1.75 0.00	22.35 2.00 0.00	23.15 2.08 0.00	22.03 1.75 -0.59	23.83 1.67 -0.65	27.17 1.88 0.00	36.27 2.83 0.00	37.26 3.00 0.00	36.13 2.72 0.00	40.00 3.36 0.00	41.32 3.52 0.00	41.43 3.48 0.00	38.63 3.24 0.00	40.69 3.82 0.00	38.80 4.04 0.00	42.25 3.69 -9.45	76.73 2.37 -55.57	54.95 2.90 -27.46	42.74 3.03 -11.65	32.62 2.86 -3.17
G.F.CEMENT___DRP 24184	21.42 1.22 0.00	22.89 1.33 0.00	21.43 1.29 0.00	19.02 1.11 0.00	19.85 1.19 0.00	21.64 1.30 0.00	22.44 1.36 0.00	21.51 1.09 -0.73	23.40 1.09 -0.81	26.51 1.22 0.00	34.99 1.54 0.00	35.99 1.73 0.00	35.49 2.08 0.00	39.07 2.43 0.00	40.47 2.67 0.00	40.80 2.84 0.00	38.32 2.92 0.00	39.97 3.09 0.00	38.09 3.33 0.00	41.94 2.78 -10.05	79.68 1.78 -59.12	56.08 2.27 -29.22	42.89 2.43 -12.39	32.29 2.22 -3.47
GARDENVILLE___LBMP 24039	21.02 0.81 0.00	22.31 0.75 0.00	20.61 0.47 0.00	18.26 0.35 0.00	18.95 0.29 0.00	20.81 0.47 0.00	21.72 0.65 0.00	20.46 0.77 0.00	22.48 0.97 0.00	26.61 1.33 0.00	35.34 1.90 0.00	36.71 2.45 0.00	35.23 1.82 0.00	38.70 2.06 0.00	39.86 2.05 0.00	39.88 1.93 0.00	35.85 1.69 1.24	38.98 2.28 0.17	36.28 1.52 0.00	30.74 1.06 -0.57	22.90 0.79 -3.33	26.42 0.18 -1.65	28.59 -0.16 -0.70	26.61 -0.14 -0.16
GARDNVLA_35_KV_LD 355827	21.14 0.93 0.00	22.42 0.87 0.00	20.71 0.57 0.00	18.35 0.44 0.00	19.04 0.38 0.00	20.92 0.57 0.00	21.83 0.75 0.00	20.56 0.87 0.00	22.60 1.10 0.00	26.77 1.48 0.00	35.58 2.14 0.00	36.98 2.72 0.00	35.51 2.09 0.00	39.02 2.38 0.00	40.19 2.38 0.00	40.22 2.27 0.00	36.19 2.03 1.24	39.35 2.65 0.17	36.61 1.86 0.00	31.00 1.32 -0.57	23.10 0.97 -3.35	26.63 0.38 -1.66	28.80 0.03 -0.70	26.80 0.04 -0.16
GELCKHM___115KV_LOAD 80723	20.07 -0.14 0.00	21.37 -0.19 0.00	19.95 -0.19 0.00	17.75 -0.15 0.00	18.49 -0.17 0.00	20.17 -0.17 0.00	20.93 -0.15 0.00	19.60 -0.09 0.00	21.41 -0.10 0.00	25.23 -0.06 0.00	33.44 0.00 0.00	34.43 0.17 0.00	33.52 0.11 0.00	37.22 0.18 -0.41	37.61 0.22 0.42	35.14 0.24 3.05	29.26 0.23 6.37	33.87 0.35 3.35	33.08 0.24 1.92	28.86 0.13 0.38	20.40 0.10 -1.52	25.38 -0.11 -0.90	28.27 -0.27 -0.49	26.41 -0.27 -0.09
GENERAL___MILLS 23808	21.08 0.87 0.00	22.36 0.81 0.00	20.66 0.52 0.00	18.31 0.40 0.00	19.00 0.34 0.00	20.87 0.53 0.00	21.78 0.71 0.00	20.52 0.82 0.00	22.54 1.04 0.00	26.69 1.40 0.00	35.45 2.01 0.00	36.84 2.58 0.00	35.36 1.95 0.00	38.85 2.21 0.00	40.01 2.21 0.00	40.04 2.08 0.00	36.01 1.86 1.24	39.17 2.47 0.17	36.45 1.69 0.00	30.87 1.20 -0.57	23.01 0.88 -3.35	26.53 0.29 -1.65	28.70 -0.06 -0.70	26.72 -0.04 -0.16
GE_PLASTICS___DRP 24183	20.66 0.45 0.00	22.16 0.60 0.00	20.78 0.64 0.00	18.47 0.56 0.00	19.25 0.59 0.00	20.94 0.60 0.00	21.66 0.58 0.00	20.86 0.43 -0.74	22.73 0.41 -0.81	25.68 0.39 0.00	33.80 0.35 0.00	34.52 0.26 0.00	33.95 0.54 0.00	37.40 0.76 0.00	38.79 0.99 0.00	38.88 0.92 0.00	36.25 0.86 0.00	37.67 0.80 0.00	35.61 0.85 0.00	36.01 0.83 -6.07	55.03 0.52 -35.72	42.94 0.70 -17.65	36.55 1.00 -7.49	29.93 0.96 -2.37
GILBOA___1 23756	20.79 0.58 0.00	22.37 0.82 0.00	20.94 0.80 0.00	18.61 0.70 0.00	19.39 0.73 0.00	21.12 0.77 0.00	21.80 0.72 0.00	20.64 0.48 -0.47	22.52 0.49 -0.52	25.88 0.59 0.00	34.28 0.84 0.00	35.21 0.95 0.00	34.55 1.14 0.00	38.06 1.42 0.00	39.38 1.57 0.00	39.41 1.45 0.00	36.70 1.30 0.00	38.10 1.23 0.00	35.93 1.17 0.00	33.06 1.06 -2.89	36.49 0.71 -17.00	33.89 0.90 -8.40	32.68 1.06 -3.57	28.83 0.99 -1.24
GILBOA___2 23757	20.79 0.58 0.00	22.37 0.82 0.00	20.94 0.80 0.00	18.61 0.70 0.00	19.39 0.73 0.00	21.12 0.77 0.00	21.80 0.72 0.00	20.64 0.48 -0.47	22.52 0.49 -0.52	25.88 0.59 0.00	34.28 0.84 0.00	35.21 0.95 0.00	34.55 1.14 0.00	38.06 1.42 0.00	39.38 1.57 0.00	39.41 1.45 0.00	36.70 1.30 0.00	38.10 1.23 0.00	35.93 1.17 0.00	33.06 1.06 -2.89	36.49 0.71 -17.00	33.89 0.90 -8.40	32.68 1.06 -3.57	28.83 0.99 -1.24
GILBOA___3 23758	20.79 0.58 0.00	22.37 0.82 0.00	20.94 0.80 0.00	18.61 0.70 0.00	19.39 0.73 0.00	21.12 0.77 0.00	21.80 0.72 0.00	20.64 0.48 -0.47	22.52 0.49 -0.52	25.88 0.59 0.00	34.28 0.84 0.00	35.21 0.95 0.00	34.55 1.14 0.00	38.06 1.42 0.00	39.38 1.57 0.00	39.41 1.45 0.00	36.70 1.30 0.00	38.10 1.23 0.00	35.93 1.17 0.00	33.06 1.06 -2.89	36.49 0.71 -17.00	33.89 0.90 -8.40	32.68 1.06 -3.57	28.83 0.99 -1.24
GILBOA___4 23759	20.79 0.58 0.00	22.37 0.82 0.00	20.94 0.80 0.00	18.61 0.70 0.00	19.39 0.73 0.00	21.12 0.77 0.00	21.80 0.72 0.00	20.64 0.48 -0.47	22.52 0.49 -0.52	25.88 0.59 0.00	34.28 0.84 0.00	35.21 0.95 0.00	34.55 1.14 0.00	38.06 1.42 0.00	39.38 1.57 0.00	39.41 1.45 0.00	36.70 1.30 0.00	38.10 1.23 0.00	35.93 1.17 0.00	33.06 1.06 -2.89	36.49 0.71 -17.00	33.89 0.90 -8.40	32.68 1.06 -3.57	28.83 0.99 -1.24
GILBOA___ 23599	20.79 0.58 0.00	22.37 0.82 0.00	20.94 0.80 0.00	18.61 0.70 0.00	19.39 0.73 0.00	21.12 0.77 0.00	21.80 0.72 0.00	20.64 0.48 -0.47	22.52 0.49 -0.52	25.88 0.59 0.00	34.29 0.85 0.00	35.21 0.95 0.00	34.55 1.14 0.00	38.06 1.42 0.00	39.38 1.57 0.00	39.41 1.46 0.00	36.70 1.30 0.00	38.10 1.23 0.00	35.93 1.17 0.00	33.06 1.06 -2.89	36.50 0.71 -17.00	33.89 0.90 -8.40	32.68 1.06 -3.57	28.83 0.99 -1.24
GINNA___ 23603	19.76 -0.45 0.00	20.97 -0.58 0.00	19.47 -0.67 0.00	17.28 -0.62 0.00	17.96 -0.70 0.00	19.68 -0.66 0.00	20.48 -0.60 0.00	19.22 -0.47 0.00	21.04 -0.46 0.00	24.90 -0.39 0.00	33.08 -0.36 0.00	34.24 -0.02 0.00	33.20 -0.21 0.00	36.37 -0.13 0.13	37.52 -0.09 0.20	37.53 -0.09 0.34	33.80 -0.03 1.57	36.66 0.38 0.60	34.57 0.07 0.26	29.27 -0.17 -0.33	21.08 -0.06 -2.36	25.10 -0.56 -1.07	27.54 -0.99 -0.47	25.72 -1.00 -0.11
GLEN PARK___ 23778	20.44 0.23 0.00	21.53 -0.03 0.00	20.04 -0.10 0.00	17.89 -0.02 0.00	18.71 0.05 0.00	20.56 0.22 0.00	21.46 0.39 0.00	20.08 0.39 0.00	21.91 0.40 0.00	25.71 0.43 0.00	34.25 0.81 0.00	35.19 0.93 0.00	35.28 0.39 -1.48	39.33 0.16 -2.53	14.42 0.00 23.39	-61.22 0.50 99.67	-103.99 0.68 140.08	-66.12 0.92 103.91	-29.16 1.14 65.06	10.15 1.04 20.00	8.30 0.56 11.04	16.02 0.28 8.85	28.34 0.15 -0.14	26.29 -0.31 0.00
GLENDALE_27_KV_LOAD 356172	21.43 1.22 0.00	22.83 1.28 0.00	21.34 1.20 0.00	18.91 1.01 0.00	19.72 1.06 0.00	21.49 1.16 0.00	22.33 1.26 0.00	24.17 1.16 -3.31	26.48 1.32 -3.65	26.97 1.68 0.00	35.78 2.34 0.00	36.76 2.50 0.00	36.21 2.80 0.00	40.01 3.37 0.00	41.68 3.87 0.00	41.89 3.94 0.00	38.86 3.46 0.00	40.32 3.45 0.00	37.87 3.11 0.00	34.91 2.64 -3.15	38.89 1.54 -18.56	35.67 1.91 -9.17	34.31 2.36 -3.89	32.78 2.24 -3.94

GLENWOOD_IC_1_G5 23712	21.44 1.23 0.00	22.83 1.27 0.00	21.38 1.24 0.00	18.94 1.04 0.00	19.78 1.13 0.00	21.55 1.21 0.00	22.35 1.28 0.00	24.10 1.12 -3.29	26.25 1.13 -3.62	26.93 1.57 -0.07	36.54 2.59 -0.51	38.28 2.80 -1.23	38.79 2.89 -2.49	41.45 3.42 -1.38	41.65 3.84 0.00	41.89 3.93 0.00	38.84 3.44 0.00	40.25 3.38 0.00	37.84 3.08 0.00	34.72 2.45 -3.16	38.80 1.45 -18.57	35.52 1.75 -9.17	34.05 2.10 -3.89	32.62 2.10 -3.91
GLENWOOD_IC_2_G1 23688	21.34 1.13 0.00	22.73 1.18 0.00	21.29 1.14 0.00	18.86 0.95 0.00	19.70 1.04 0.00	21.44 1.10 0.00	22.25 1.18 0.00	24.01 1.03 -3.29	26.28 1.15 -3.62	26.90 1.54 -0.07	36.25 2.30 -0.51	37.98 2.49 -1.23	38.66 2.76 -2.49	41.31 3.28 -1.39	41.53 3.72 0.00	41.75 3.80 0.00	38.74 3.34 0.00	40.16 3.29 0.00	37.76 3.01 0.00	34.68 2.42 -3.16	38.79 1.44 -18.57	35.52 1.76 -9.17	34.08 2.12 -3.89	32.61 2.10 -3.92
GLENWOOD_IC_3_G1 23689	21.34 1.13 0.00	22.73 1.18 0.00	21.29 1.14 0.00	18.86 0.95 0.00	19.70 1.04 0.00	21.44 1.10 0.00	22.25 1.18 0.00	24.01 1.03 -3.29	26.28 1.15 -3.62	26.90 1.54 -0.07	36.25 2.30 -0.51	37.98 2.49 -1.23	38.66 2.76 -2.49	41.31 3.28 -1.39	41.53 3.72 0.00	41.75 3.80 0.00	38.74 3.34 0.00	40.16 3.29 0.00	37.76 3.01 0.00	34.68 2.42 -3.16	38.79 1.44 -18.57	35.52 1.76 -9.17	34.08 2.12 -3.89	32.61 2.10 -3.92
GLENWOOD___4 23550	21.44 1.23 0.00	22.83 1.27 0.00	21.38 1.24 0.00	18.94 1.04 0.00	19.78 1.13 0.00	21.55 1.21 0.00	22.35 1.28 0.00	24.10 1.12 -3.29	26.31 1.19 -3.62	26.98 1.62 -0.07	36.54 2.59 -0.51	38.29 2.80 -1.23	38.87 2.97 -2.49	41.54 3.51 -1.38	41.75 3.94 0.00	41.97 4.02 0.00	38.93 3.53 0.00	40.35 3.48 0.00	37.93 3.17 0.00	34.79 2.53 -3.16	38.85 1.50 -18.57	35.57 1.81 -9.17	34.12 2.17 -3.89	32.68 2.16 -3.91
GLENWOOD___5 23614	21.44 1.23 0.00	22.83 1.27 0.00	21.38 1.24 0.00	18.94 1.04 0.00	19.78 1.13 0.00	21.55 1.21 0.00	22.35 1.28 0.00	24.10 1.12 -3.29	26.31 1.19 -3.62	26.98 1.62 -0.07	36.54 2.59 -0.51	38.29 2.80 -1.23	38.87 2.97 -2.49	41.54 3.51 -1.38	41.75 3.94 0.00	41.97 4.02 0.00	38.93 3.53 0.00	40.35 3.48 0.00	37.93 3.17 0.00	34.79 2.53 -3.16	38.85 1.50 -18.57	35.57 1.81 -9.17	34.12 2.17 -3.89	32.68 2.16 -3.91
GLOBAL GREEN_PORT_GT1 23814	22.55 2.34 0.00	23.86 2.31 0.00	22.65 2.51 0.00	20.11 2.20 0.00	21.05 2.39 0.00	22.87 2.53 0.00	23.70 2.62 0.00	24.88 1.90 -3.29	26.88 1.76 -3.62	27.77 2.41 -0.07	37.61 3.66 -0.51	39.65 4.16 -1.23	40.67 4.77 -2.49	43.61 5.58 -1.39	45.19 5.75 -1.63	52.73 5.87 -8.90	40.66 5.25 0.00	60.84 5.37 -18.60	69.29 5.08 -29.45	35.91 3.64 -3.16	39.84 2.49 -18.57	36.81 3.04 -9.17	35.46 3.51 -3.89	34.11 3.60 -3.92
GLOBE___DSASP 323697	20.64 0.43 0.00	21.88 0.33 0.00	20.22 0.08 0.00	17.91 0.00 0.00	18.55 -0.11 0.00	20.40 0.06 0.00	21.26 0.18 0.00	19.97 0.27 0.00	21.90 0.39 0.00	25.90 0.61 0.00	34.36 0.92 0.00	35.63 1.37 0.00	34.18 0.77 0.00	37.30 0.66 0.00	38.41 0.60 0.00	38.28 0.33 0.00	34.33 0.19 1.26	37.55 0.85 0.17	34.99 0.23 0.00	29.77 0.14 -0.52	22.04 0.17 -3.09	25.56 -0.55 -1.52	27.64 -1.06 -0.65	25.78 -0.97 -0.15
GOETHSLN___LBMP 323567	21.15 0.95 0.00	22.55 1.00 0.00	21.09 0.95 0.00	18.70 0.79 0.00	19.50 0.84 0.00	21.23 0.88 0.00	22.02 0.97 0.03	21.48 0.90 -0.88	22.44 1.03 0.10	26.65 1.37 0.00	35.39 1.95 0.00	36.37 2.11 0.00	35.82 2.40 0.00	37.83 2.92 1.73	39.57 3.40 1.64	38.80 3.46 2.61	38.49 3.09 0.00	39.91 3.05 0.00	37.56 2.80 0.00	34.59 2.33 -3.15	38.71 1.37 -18.56	35.42 1.65 -9.17	33.99 2.04 -3.89	32.47 1.93 -3.94
GOLAH___69_KV_TB 1_2 80279	21.08 0.87 0.00	22.41 0.86 0.00	20.79 0.65 0.00	18.43 0.53 0.00	19.11 0.45 0.00	20.92 0.58 0.00	21.83 0.75 0.00	20.63 0.94 0.00	22.57 1.06 0.00	26.59 1.30 0.00	35.41 1.96 0.00	36.76 2.51 0.00	35.43 2.02 0.00	38.80 2.28 0.12	39.94 2.31 0.18	39.94 2.28 0.30	35.93 2.06 1.53	39.07 2.60 0.40	36.57 2.05 0.23	31.06 1.59 -0.36	22.40 1.13 -2.50	26.54 0.80 -1.15	29.04 0.48 -0.50	27.13 0.42 -0.12
GOODYEAR_LAKE_HYD 323669	21.12 0.91 0.00	22.52 0.96 0.00	20.99 0.85 0.00	18.64 0.73 0.00	19.44 0.78 0.00	21.23 0.89 0.00	22.06 0.98 0.00	20.61 0.92 0.00	22.57 1.06 0.00	26.61 1.32 0.00	35.28 1.83 0.00	36.31 2.05 0.00	35.39 1.98 0.00	38.94 2.30 0.00	40.21 2.40 0.00	40.38 2.43 0.00	37.62 2.22 0.00	39.20 2.33 0.00	36.89 2.13 0.00	34.55 1.74 -3.70	41.67 1.09 -21.79	36.64 1.28 -10.77	33.96 1.33 -4.57	28.83 1.20 -1.03
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.49 0.28 0.00	21.88 0.32 0.00	20.40 0.25 0.00	18.13 0.22 0.00	18.92 0.26 0.00	20.64 0.30 0.00	21.49 0.41 0.00	20.13 0.44 0.00	22.04 0.53 0.00	25.98 0.70 0.00	34.40 0.96 0.00	35.51 1.26 0.00	34.45 1.04 0.00	38.33 1.46 -0.23	39.66 1.51 -0.34	40.11 1.58 -0.58	37.15 1.35 -0.41	38.81 1.41 -0.53	36.36 1.15 -0.45	31.25 0.91 -1.23	25.86 0.60 -6.47	28.44 0.49 -3.37	29.89 0.43 -1.40	27.29 0.39 -0.30
GOUDEY___7 23579	20.50 0.30 0.00	21.90 0.34 0.00	20.42 0.27 0.00	18.14 0.23 0.00	18.94 0.28 0.00	20.66 0.32 0.00	21.51 0.43 0.00	20.15 0.46 0.00	22.06 0.55 0.00	26.02 0.73 0.00	34.44 1.00 0.00	35.55 1.30 0.00	34.50 1.09 0.00	38.39 1.52 -0.23	39.71 1.56 -0.34	40.16 1.63 -0.58	37.20 1.40 -0.41	38.87 1.47 -0.53	36.40 1.19 -0.45	31.29 0.95 -1.23	25.88 0.63 -6.47	28.48 0.52 -3.37	29.93 0.48 -1.40	27.32 0.41 -0.30
GOUDEY___8 23580	20.49 0.28 0.00	21.88 0.32 0.00	20.40 0.25 0.00	18.13 0.22 0.00	18.92 0.26 0.00	20.64 0.30 0.00	21.49 0.41 0.00	20.13 0.44 0.00	22.04 0.53 0.00	25.98 0.70 0.00	34.40 0.96 0.00	35.51 1.26 0.00	34.45 1.04 0.00	38.33 1.46 -0.23	39.66 1.51 -0.34	40.11 1.58 -0.58	37.15 1.35 -0.41	38.81 1.41 -0.53	36.36 1.15 -0.45	31.25 0.91 -1.23	25.86 0.60 -6.47	28.44 0.49 -3.37	29.89 0.43 -1.40	27.29 0.39 -0.30
GOWANUS_GT1_1 24077	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94
GOWANUS_GT1_2 24078	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94

GOWANUS_GT1_3 24079	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94
GOWANUS_GT1_4 24080	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94
GOWANUS_GT1_5 24084	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94
GOWANUS_GT1_6 24111	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94
GOWANUS_GT1_7 24112	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94
GOWANUS_GT1_8 24113	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94
GOWANUS_GT2_1 24114	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
GOWANUS_GT2_2 24115	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
GOWANUS_GT2_3 24116	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
GOWANUS_GT2_4 24117	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
GOWANUS_GT2_5 24118	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
GOWANUS_GT2_6 24119	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
GOWANUS_GT2_7 24120	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
GOWANUS_GT2_8 24121	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
GOWANUS_GT3_1 24122	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94

GOWANUS_GT3_2 24123	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
GOWANUS_GT3_3 24124	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
GOWANUS_GT3_4 24125	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
GOWANUS_GT3_5 24126	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
GOWANUS_GT3_6 24127	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
GOWANUS_GT3_7 24128	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
GOWANUS_GT3_8 24129	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
GOWANUS_GT4_1 24130	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94
GOWANUS_GT4_2 24131	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94
GOWANUS_GT4_3 24132	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94
GOWANUS_GT4_4 24133	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94
GOWANUS_GT4_5 24134	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94
GOWANUS_GT4_6 24135	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94
GOWANUS_GT4_7 24136	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94
GOWANUS_GT4_8 24137	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.71 2.45 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94

GREENBSH_115KV_TB3 55895	20.57 0.36 0.00	22.06 0.51 0.00	20.71 0.57 0.00	18.41 0.50 0.00	19.19 0.53 0.00	20.87 0.53 0.00	21.58 0.50 0.00	20.80 0.35 -0.76	22.66 0.32 -0.84	25.57 0.28 0.00	33.75 0.31 0.00	34.53 0.27 0.00	33.97 0.56 0.00	37.43 0.79 0.00	38.83 1.02 0.00	38.89 0.94 0.00	36.31 0.91 0.00	37.74 0.87 0.00	35.70 0.94 0.00	36.84 0.89 -6.83	59.53 0.55 -40.19	45.16 0.71 -19.86	37.41 0.93 -8.43	30.07 0.87 -2.60
GREENDGE_115KV_TB5 80291	20.71 0.51 0.00	22.00 0.45 0.00	20.42 0.27 0.00	18.14 0.23 0.00	18.93 0.27 0.00	20.69 0.35 0.00	21.58 0.50 0.00	20.29 0.60 0.00	22.27 0.77 0.00	26.22 0.93 0.00	34.63 1.19 0.00	35.90 1.64 0.00	34.75 1.33 0.00	38.58 1.78 -0.16	39.86 1.82 -0.24	40.20 1.85 -0.40	36.00 1.61 1.01	38.90 1.88 -0.16	36.65 1.58 -0.31	31.10 1.23 -0.76	23.57 0.83 -3.95	27.18 0.51 -2.07	29.21 0.30 -0.86	27.00 0.21 -0.18
GREENIDGE___3 23582	20.71 0.51 0.00	22.00 0.45 0.00	20.42 0.27 0.00	18.14 0.23 0.00	18.93 0.27 0.00	20.69 0.35 0.00	21.58 0.50 0.00	20.29 0.60 0.00	22.27 0.77 0.00	26.22 0.93 0.00	34.63 1.19 0.00	35.90 1.64 0.00	34.75 1.33 0.00	38.58 1.78 -0.16	39.86 1.82 -0.24	40.20 1.85 -0.40	36.00 1.61 1.01	38.90 1.88 -0.16	36.65 1.58 -0.31	31.10 1.23 -0.76	23.57 0.83 -3.95	27.18 0.51 -2.07	29.21 0.30 -0.86	27.00 0.21 -0.18
GREENIDGE___4 23583	20.71 0.51 0.00	22.00 0.45 0.00	20.42 0.27 0.00	18.14 0.23 0.00	18.93 0.27 0.00	20.69 0.35 0.00	21.58 0.50 0.00	20.30 0.60 0.00	22.27 0.76 0.00	26.22 0.93 0.00	34.65 1.21 0.00	35.90 1.64 0.00	34.75 1.34 0.00	38.59 1.79 -0.16	39.86 1.82 -0.24	40.20 1.85 -0.40	36.00 1.61 1.01	38.91 1.88 -0.16	36.65 1.58 -0.31	31.09 1.21 -0.76	23.56 0.83 -3.95	27.18 0.52 -2.07	29.21 0.30 -0.86	27.00 0.21 -0.18
GREENLWN_69_KV_BK 3 55738	21.38 1.17 0.00	22.71 1.15 0.00	21.34 1.20 0.00	18.88 0.97 0.00	19.76 1.10 0.00	21.53 1.19 0.00	22.30 1.23 0.00	23.96 0.98 -3.29	26.30 1.17 -3.62	26.98 1.62 -0.07	36.53 2.58 -0.51	38.30 2.81 -1.23	39.00 3.09 -2.49	41.44 3.41 -1.38	40.65 3.59 0.75	37.70 3.84 4.10	38.55 3.16 0.00	31.34 3.02 8.56	16.60 2.79 20.95	34.34 2.07 -3.16	38.55 1.20 -18.57	35.14 1.38 -9.17	33.70 1.75 -3.89	32.62 2.10 -3.91
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94
GRISSOM___SOLAR 323813	22.29 2.08 0.00	23.67 2.12 0.00	22.04 1.90 0.00	19.58 1.67 0.00	20.41 1.75 0.00	22.35 2.00 0.00	23.15 2.08 0.00	22.03 1.75 -0.59	23.83 1.67 -0.65	27.17 1.88 0.00	36.27 2.83 0.00	37.26 3.00 0.00	36.13 2.72 0.00	40.00 3.36 0.00	41.32 3.52 0.00	41.43 3.48 0.00	38.63 3.24 0.00	40.69 3.82 0.00	38.80 4.04 0.00	42.25 3.69 -9.45	76.73 2.37 -55.57	54.95 2.90 -27.46	42.74 3.03 -11.65	32.62 2.86 -3.17
GROVEVILLE___HYD 323602	21.33 1.12 0.00	22.77 1.22 0.00	21.29 1.15 0.00	18.88 0.97 0.00	19.70 1.04 0.00	21.45 1.12 0.00	22.28 1.21 0.00	21.17 1.08 -0.39	23.18 1.20 -0.47	26.81 1.52 0.00	35.62 2.18 0.00	36.65 2.39 0.00	36.11 2.70 0.00	39.91 3.27 0.00	41.55 3.74 0.00	41.74 3.78 0.00	38.87 3.47 0.00	40.39 3.52 0.00	38.03 3.27 0.00	35.01 2.70 -3.20	39.20 1.62 -18.79	35.87 1.99 -9.29	34.31 2.31 -3.94	29.60 2.12 -0.89
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.22 0.01 0.00	21.53 -0.02 0.00	20.10 -0.04 0.00	17.88 -0.03 0.00	18.63 -0.03 0.00	20.34 -0.01 0.00	21.10 0.02 0.00	19.76 0.07 0.00	21.59 0.08 0.00	25.44 0.15 0.00	33.72 0.28 0.00	34.71 0.45 0.00	33.77 0.36 0.00	37.71 0.41 -0.66	39.24 0.44 -0.99	40.07 0.43 -1.69	34.98 0.42 0.84	38.64 0.54 -1.23	35.93 0.43 -0.74	29.42 0.28 -0.03	21.23 0.21 -2.24	26.24 0.05 -1.60	28.58 -0.07 -0.59	26.63 -0.07 -0.10
HAMLTNNY_34_KV_TB 80303	20.34 0.13 0.00	21.65 0.09 0.00	20.20 0.05 0.00	17.96 0.05 0.00	18.72 0.07 0.00	20.44 0.09 0.00	21.20 0.12 0.00	19.87 0.17 0.00	21.74 0.23 0.00	25.64 0.35 0.00	33.93 0.49 0.00	34.97 0.71 0.00	34.07 0.65 0.00	38.16 0.83 -0.68	39.69 0.85 -1.03	40.59 0.89 -1.75	35.69 0.89 0.60	39.20 1.02 -1.31	36.52 0.90 -0.86	29.91 0.63 -0.16	21.60 0.43 -2.38	26.58 0.30 -1.69	28.81 0.13 -0.62	26.80 0.10 -0.10
HAMPSHIRE___PAPER_HYD 323593	19.91 -0.30 0.00	21.04 -0.52 0.00	19.61 -0.54 0.00	17.43 -0.48 0.00	18.18 -0.47 0.00	19.91 -0.43 0.00	20.73 -0.34 0.00	19.44 -0.25 0.00	21.27 -0.24 0.00	24.93 -0.36 0.00	32.90 -0.55 0.00	33.70 -0.56 0.00	36.26 -0.97 -3.83	40.60 -1.33 -5.29	11.31 -1.52 24.98	-76.17 -1.49 112.64	-148.96 -1.46 182.91	-91.86 -1.44 127.28	-43.58 -1.16 77.17	2.97 -0.93 25.21	6.07 -0.61 12.11	14.00 -0.63 9.96	27.43 -0.68 -0.06	25.72 -0.88 0.00
HARDSCRABBLE_WT_PWR 323673	20.22 0.01 0.00	21.69 0.14 0.00	20.36 0.21 0.00	18.09 0.18 0.00	18.88 0.22 0.00	20.57 0.23 0.00	21.30 0.22 0.00	19.74 0.04 0.00	21.44 -0.07 0.00	25.12 -0.17 0.00	33.45 0.01 0.00	34.42 0.16 0.00	33.95 0.54 0.00	37.54 0.90 0.00	42.39 1.20 -3.38	52.58 0.91 -13.72	50.49 0.79 -14.31	51.89 0.90 -14.12	44.65 1.04 -8.85	32.57 1.00 -2.45	20.91 0.66 -1.47	26.55 0.73 -1.23	28.87 0.81 0.00	27.20 0.60 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.10 0.89 0.00	22.51 0.96 0.00	21.04 0.90 0.00	18.66 0.75 0.00	19.45 0.80 0.00	21.21 0.86 0.00	22.00 0.92 0.00	17.25 0.84 3.29	18.81 0.92 3.62	26.50 1.21 0.00	35.29 1.85 0.00	36.35 2.09 0.00	35.81 2.40 0.00	39.59 2.95 0.00	41.21 3.41 0.00	41.41 3.46 0.00	38.51 3.11 0.00	40.01 3.14 0.00	37.63 2.87 0.00	34.37 2.35 -2.91	37.30 1.41 -17.11	34.75 1.71 -8.46	33.61 1.97 -3.59	26.15 1.78 2.23
HARSNRAD_115KV_TB1 81005	20.92 0.71 0.00	22.20 0.65 0.00	20.50 0.36 0.00	18.16 0.25 0.00	18.81 0.15 0.00	20.69 0.35 0.00	21.58 0.50 0.00	20.29 0.60 0.00	22.18 0.67 0.00	26.17 0.88 0.00	34.74 1.30 0.00	36.04 1.78 0.00	34.58 1.17 0.00	37.81 1.18 0.00	38.95 1.14 0.00	38.89 0.94 0.00	34.95 0.82 1.27	38.21 1.50 0.16	35.61 0.85 0.00	30.15 0.53 -0.52	22.30 0.48 -3.04	25.88 -0.21 -1.50	28.04 -0.66 -0.64	26.17 -0.58 -0.14
HARZA MOOSE___RIVER 24016	20.38 0.17 0.00	21.59 0.03 0.00	20.13 -0.01 0.00	17.92 0.01 0.00	18.70 0.04 0.00	20.48 0.13 0.00	21.33 0.25 0.00	19.93 0.23 0.00	21.79 0.29 0.00	25.62 0.33 0.00	34.00 0.55 0.00	35.02 0.76 0.00	34.94 0.43 -1.10	38.72 0.42 -1.65	56.77 0.88 -18.08	107.57 1.25 -68.37	109.86 1.15 -73.32	102.24 1.30 -64.07	78.35 1.33 -42.26	41.81 0.95 -11.74	27.12 0.53 -7.80	31.71 0.51 -6.61	28.34 0.23 -0.05	26.52 -0.08 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	20.10 -0.11 0.00	21.40 -0.15 0.00	19.97 -0.17 0.00	17.78 -0.13 0.00	18.52 -0.14 0.00	20.19 -0.15 0.00	20.95 -0.12 0.00	19.61 -0.08 0.00	21.41 -0.09 0.00	25.24 -0.05 0.00	33.48 0.04 0.00	34.51 0.25 0.00	33.60 0.18 0.00	37.28 0.33 -0.32	38.66 0.38 -0.48	39.18 0.41 -0.82	34.16 0.37 1.61	37.78 0.50 -0.41	35.76 0.37 -0.64	29.86 0.23 -0.52	20.90 0.16 -1.95	25.74 -0.05 -1.20	28.30 -0.22 -0.46	26.44 -0.25 -0.09
HELLGATE_13_KV_LD 55870	21.31 1.10 0.00	22.71 1.16 0.00	21.24 1.10 0.00	18.82 0.92 0.00	19.63 0.97 0.00	21.39 1.06 0.00	22.22 1.14 0.00	24.04 1.04 -3.31	26.34 1.18 -3.65	26.80 1.51 0.00	35.54 2.10 0.00	36.51 2.25 0.00	35.96 2.55 0.00	39.73 3.09 0.00	41.39 3.58 0.00	41.61 3.65 0.00	38.58 3.18 0.00	40.03 3.16 0.00	37.60 2.84 0.00	34.70 2.44 -3.15	38.74 1.40 -18.56	35.49 1.73 -9.17	34.12 2.17 -3.89	32.60 2.06 -3.94
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.31 1.10 0.00	22.71 1.16 0.00	21.24 1.10 0.00	18.82 0.92 0.00	19.63 0.97 0.00	21.39 1.06 0.00	22.22 1.14 0.00	24.04 1.04 -3.31	26.34 1.18 -3.65	26.80 1.51 0.00	35.54 2.10 0.00	36.51 2.25 0.00	35.96 2.55 0.00	39.73 3.09 0.00	41.39 3.58 0.00	41.61 3.65 0.00	38.58 3.18 0.00	40.03 3.16 0.00	37.60 2.84 0.00	34.70 2.44 -3.15	38.74 1.40 -18.56	35.49 1.73 -9.17	34.12 2.17 -3.89	32.60 2.06 -3.94
HEMPSTEAD____ 23647	21.41 1.20 0.00	22.78 1.23 0.00	21.38 1.24 0.00	18.94 1.04 0.00	19.80 1.14 0.00	21.56 1.22 0.00	22.35 1.28 0.00	24.06 1.08 -3.29	26.35 1.23 -3.62	27.04 1.68 -0.07	36.53 2.58 -0.51	38.29 2.80 -1.23	38.97 3.07 -2.49	41.58 3.56 -1.39	41.74 3.93 0.00	41.97 4.02 0.00	38.88 3.48 0.00	40.25 3.38 0.00	37.85 3.09 0.00	34.69 2.42 -3.16	38.78 1.43 -18.57	35.50 1.74 -9.17	34.09 2.14 -3.89	32.74 2.22 -3.92
HEWLETT__69_KV_BK3 55828	21.64 1.43 0.00	22.99 1.44 0.00	21.56 1.42 0.00	19.10 1.19 0.00	19.95 1.30 0.00	21.73 1.39 0.00	22.50 1.42 0.00	24.20 1.22 -3.29	26.53 1.41 -3.62	27.25 1.89 -0.07	36.84 2.89 -0.51	38.61 3.13 -1.23	39.33 3.43 -2.49	41.93 3.91 -1.38	42.14 4.33 0.00	42.41 4.46 0.00	39.27 3.87 0.00	40.51 3.64 0.00	38.08 3.32 0.00	34.88 2.62 -3.16	38.92 1.57 -18.57	35.66 1.89 -9.17	34.26 2.31 -3.89	32.89 2.38 -3.91
HICKLING___1 23621	20.92 0.71 0.00	22.27 0.72 0.00	20.66 0.52 0.00	18.35 0.45 0.00	19.18 0.53 0.00	20.94 0.59 0.00	21.89 0.81 0.00	20.59 0.90 0.00	22.64 1.13 0.00	26.73 1.45 0.00	35.32 1.87 0.00	36.70 2.44 0.00	35.29 1.88 0.00	39.22 2.42 -0.16	40.47 2.42 -0.24	40.91 2.55 -0.41	37.83 2.14 -0.29	39.52 2.27 -0.38	36.87 1.79 -0.32	31.47 1.42 -0.94	24.68 0.92 -4.98	27.80 0.63 -2.58	29.66 0.53 -1.07	27.29 0.46 -0.23
HICKLING___2 23622	20.92 0.71 0.00	22.27 0.72 0.00	20.66 0.52 0.00	18.35 0.45 0.00	19.18 0.53 0.00	20.94 0.59 0.00	21.89 0.81 0.00	20.59 0.90 0.00	22.64 1.13 0.00	26.73 1.45 0.00	35.32 1.87 0.00	36.70 2.44 0.00	35.29 1.88 0.00	39.22 2.42 -0.16	40.47 2.42 -0.24	40.91 2.55 -0.41	37.83 2.14 -0.29	39.52 2.27 -0.38	36.87 1.79 -0.32	31.47 1.42 -0.94	24.68 0.92 -4.98	27.80 0.63 -2.58	29.66 0.53 -1.07	27.29 0.46 -0.23
HIGH FALLS___HY 23754	21.17 0.96 0.00	22.58 1.02 0.00	21.09 0.94 0.00	18.70 0.79 0.00	19.50 0.84 0.00	21.26 0.92 0.00	22.08 1.00 0.00	20.60 0.91 0.00	22.49 0.98 0.00	26.57 1.29 0.00	35.43 1.99 0.00	36.50 2.24 0.00	35.86 2.45 0.00	39.44 2.80 0.00	41.18 3.37 0.00	41.42 3.47 0.00	38.62 3.22 0.00	40.10 3.23 0.00	37.73 2.97 0.00	35.00 2.46 -3.44	40.49 1.47 -20.23	36.46 1.87 -10.00	34.38 2.08 -4.24	29.44 1.88 -0.96
HILLBURN___GT 23639	21.00 0.79 0.00	22.41 0.86 0.00	20.95 0.81 0.00	18.57 0.67 0.00	19.37 0.71 0.00	21.11 0.77 0.00	21.90 0.82 0.00	16.57 0.74 3.86	18.06 0.80 4.25	26.38 1.09 0.00	35.18 1.74 0.00	36.22 1.96 0.00	35.68 2.27 0.00	39.42 2.78 0.00	41.06 3.25 0.00	41.19 3.24 0.00	38.23 2.83 0.00	39.70 2.83 0.00	37.31 2.55 0.00	34.17 2.10 -2.96	37.45 1.25 -17.42	34.71 1.52 -8.61	33.51 1.80 -3.65	25.49 1.64 2.75
HILLSIDE_115KV_TB1 80332	20.24 0.03 0.00	21.63 0.08 0.00	20.13 -0.02 0.00	17.87 -0.03 0.00	18.70 0.04 0.00	20.40 0.05 0.00	21.31 0.23 0.00	20.04 0.35 0.00	22.01 0.51 0.00	25.99 0.70 0.00	34.40 0.96 0.00	35.66 1.40 0.00	34.42 1.01 0.00	38.46 1.65 -0.17	39.67 1.60 -0.26	40.12 1.73 -0.44	37.05 1.34 -0.31	38.61 1.34 -0.40	36.03 0.93 -0.35	30.79 0.70 -0.98	24.41 0.48 -5.15	27.42 0.15 -2.67	29.23 0.06 -1.11	26.86 0.01 -0.24
HISHELDN_WT_PWR 323625	20.83 0.62 0.00	22.10 0.55 0.00	20.41 0.26 0.00	18.11 0.20 0.00	18.83 0.17 0.00	20.63 0.29 0.00	21.51 0.43 0.00	20.25 0.55 0.00	22.29 0.78 0.00	26.39 1.10 0.00	35.01 1.57 0.00	36.36 2.10 0.00	34.93 1.51 0.00	38.47 1.83 0.00	39.55 1.75 0.00	39.55 1.60 0.00	35.49 1.32 1.23	38.50 1.80 0.17	35.90 1.14 0.00	30.48 0.76 -0.61	22.91 0.56 -3.57	26.16 -0.19 -1.76	28.25 -0.55 -0.75	26.28 -0.49 -0.17
HOLTSVILLE_IC_1 23690	21.60 1.39 0.00	22.91 1.36 0.00	21.65 1.51 0.00	19.18 1.28 0.00	20.07 1.41 0.00	21.81 1.47 0.00	22.57 1.49 0.00	24.02 1.05 -3.29	26.36 1.24 -3.62	27.04 1.68 -0.07	36.58 2.63 -0.51	38.40 2.91 -1.23	39.24 3.34 -2.49	41.78 3.75 -1.39	43.25 3.90 -1.54	50.42 4.05 -8.42	38.86 3.46 0.00	57.75 3.29 -17.58	64.55 3.06 -26.73	34.55 2.28 -3.16	38.72 1.37 -18.57	35.30 1.53 -9.17	33.93 1.97 -3.89	32.77 2.26 -3.92
HOLTSVILLE_IC_10 23699	21.75 1.54 0.00	23.05 1.50 0.00	21.80 1.66 0.00	19.32 1.41 0.00	20.20 1.55 0.00	21.95 1.61 0.00	22.72 1.65 0.00	24.15 1.17 -3.29	26.52 1.40 -3.62	27.24 1.89 -0.07	36.77 2.82 -0.51	38.62 3.13 -1.23	39.50 3.60 -2.49	42.10 4.07 -1.39	43.96 4.27 -1.89	52.76 4.49 -10.32	39.27 3.87 -0.01	62.15 3.73 -21.55	75.83 3.48 -37.59	34.88 2.61 -3.16	38.93 1.58 -18.57	35.54 1.77 -9.17	34.19 2.24 -3.89	33.01 2.50 -3.92
HOLTSVILLE_IC_2 23691	21.60 1.39 0.00	22.91 1.36 0.00	21.65 1.51 0.00	19.18 1.28 0.00	20.07 1.41 0.00	21.81 1.47 0.00	22.57 1.49 0.00	24.02 1.05 -3.29	26.36 1.24 -3.62	27.04 1.68 -0.07	36.58 2.63 -0.51	38.40 2.91 -1.23	39.24 3.34 -2.49	41.78 3.75 -1.39	43.25 3.90 -1.54	50.42 4.05 -8.42	38.86 3.46 0.00	57.75 3.29 -17.58	64.55 3.06 -26.73	34.55 2.28 -3.16	38.72 1.37 -18.57	35.30 1.53 -9.17	33.93 1.97 -3.89	32.77 2.26 -3.92
HOLTSVILLE_IC_3 23692	21.60 1.39 0.00	22.91 1.36 0.00	21.65 1.51 0.00	19.18 1.28 0.00	20.07 1.41 0.00	21.81 1.47 0.00	22.57 1.49 0.00	24.02 1.05 -3.29	26.36 1.24 -3.62	27.04 1.68 -0.07	36.58 2.63 -0.51	38.40 2.91 -1.23	39.24 3.34 -2.49	41.78 3.75 -1.39	43.25 3.90 -1.54	50.42 4.05 -8.42	38.86 3.46 0.00	57.75 3.29 -17.58	64.55 3.06 -26.73	34.55 2.28 -3.16	38.72 1.37 -18.57	35.30 1.53 -9.17	33.93 1.97 -3.89	32.77 2.26 -3.92

HOLTSVILLE_IC_4 23693	21.60 1.39 0.00	22.91 1.36 0.00	21.65 1.51 0.00	19.18 1.28 0.00	20.07 1.41 0.00	21.81 1.47 0.00	22.57 1.49 0.00	24.02 1.05 -3.29	26.36 1.24 -3.62	27.04 1.68 -0.07	36.58 2.63 -0.51	38.40 2.91 -1.23	39.24 3.34 -2.49	41.78 3.75 -1.39	43.25 3.90 -1.54	50.42 4.05 -8.42	38.86 3.46 0.00	57.75 3.29 -17.58	64.55 3.06 -26.73	34.55 2.28 -3.16	38.72 1.37 -18.57	35.30 1.53 -9.17	33.93 1.97 -3.89	32.77 2.26 -3.92
HOLTSVILLE_IC_5 23694	21.60 1.39 0.00	22.91 1.36 0.00	21.65 1.51 0.00	19.18 1.28 0.00	20.07 1.41 0.00	21.81 1.47 0.00	22.57 1.49 0.00	24.02 1.05 -3.29	26.36 1.24 -3.62	27.04 1.68 -0.07	36.58 2.63 -0.51	38.40 2.91 -1.23	39.24 3.34 -2.49	41.78 3.75 -1.39	43.25 3.90 -1.54	50.42 4.05 -8.42	38.86 3.46 0.00	57.75 3.29 -17.58	64.55 3.06 -26.73	34.55 2.28 -3.16	38.72 1.37 -18.57	35.30 1.53 -9.17	33.93 1.97 -3.89	32.77 2.26 -3.92
HOLTSVILLE_IC_6 23695	21.75 1.54 0.00	23.05 1.50 0.00	21.80 1.66 0.00	19.32 1.41 0.00	20.20 1.55 0.00	21.95 1.61 0.00	22.72 1.65 0.00	24.15 1.17 -3.29	26.52 1.40 -3.62	27.24 1.89 -0.07	36.77 2.82 -0.51	38.62 3.13 -1.23	39.50 3.60 -2.49	42.10 4.07 -1.39	43.96 4.27 -1.89	52.76 4.49 -10.32	39.27 3.87 -0.01	62.15 3.73 -21.55	75.83 3.48 -37.59	34.88 2.61 -3.16	38.93 1.58 -18.57	35.54 1.77 -9.17	34.19 2.24 -3.89	33.01 2.50 -3.92
HOLTSVILLE_IC_7 23696	21.75 1.54 0.00	23.05 1.50 0.00	21.80 1.66 0.00	19.32 1.41 0.00	20.20 1.55 0.00	21.95 1.61 0.00	22.72 1.65 0.00	24.15 1.17 -3.29	26.52 1.40 -3.62	27.24 1.89 -0.07	36.77 2.82 -0.51	38.62 3.13 -1.23	39.50 3.60 -2.49	42.10 4.07 -1.39	43.96 4.27 -1.89	52.76 4.49 -10.32	39.27 3.87 -0.01	62.15 3.73 -21.55	75.83 3.48 -37.59	34.88 2.61 -3.16	38.93 1.58 -18.57	35.54 1.77 -9.17	34.19 2.24 -3.89	33.01 2.50 -3.92
HOLTSVILLE_IC_8 23697	21.75 1.54 0.00	23.05 1.50 0.00	21.80 1.66 0.00	19.32 1.41 0.00	20.20 1.55 0.00	21.95 1.61 0.00	22.72 1.65 0.00	24.15 1.17 -3.29	26.52 1.40 -3.62	27.24 1.89 -0.07	36.77 2.82 -0.51	38.62 3.13 -1.23	39.50 3.60 -2.49	42.10 4.07 -1.39	43.96 4.27 -1.89	52.76 4.49 -10.32	39.27 3.87 -0.01	62.15 3.73 -21.55	75.83 3.48 -37.59	34.88 2.61 -3.16	38.93 1.58 -18.57	35.54 1.77 -9.17	34.19 2.24 -3.89	33.01 2.50 -3.92
HOLTSVILLE_IC_9 23698	21.75 1.54 0.00	23.05 1.50 0.00	21.80 1.66 0.00	19.32 1.41 0.00	20.20 1.55 0.00	21.95 1.61 0.00	22.72 1.65 0.00	24.15 1.17 -3.29	26.52 1.40 -3.62	27.24 1.89 -0.07	36.77 2.82 -0.51	38.62 3.13 -1.23	39.50 3.60 -2.49	42.10 4.07 -1.39	43.96 4.27 -1.89	52.76 4.49 -10.32	39.27 3.87 -0.01	62.15 3.73 -21.55	75.83 3.48 -37.59	34.88 2.61 -3.16	38.93 1.58 -18.57	35.54 1.77 -9.17	34.19 2.24 -3.89	33.01 2.50 -3.92
HOMER_HL_115KV_TB2 355744	20.79 0.58 0.00	22.17 0.62 0.00	20.53 0.39 0.00	18.21 0.31 0.00	18.95 0.29 0.00	20.79 0.45 0.00	21.75 0.67 0.00	20.52 0.83 0.00	22.51 1.00 0.00	26.56 1.28 0.00	35.00 1.56 0.00	36.22 1.96 0.00	34.65 1.23 0.00	38.23 1.59 0.00	39.39 1.59 0.00	39.42 1.47 0.00	35.36 1.17 0.00	38.09 1.39 0.00	35.43 0.67 0.00	30.16 0.41 -0.64	22.92 0.37 -3.76	26.25 -0.19 -1.86	28.55 -0.30 -0.79	26.80 0.02 -0.18
HOWARD_WT_PWR 323690	20.90 0.69 0.00	21.98 0.43 0.00	20.24 0.09 0.00	17.98 0.07 0.00	18.83 0.17 0.00	20.55 0.21 0.00	21.39 0.31 0.00	20.18 0.49 0.00	22.34 0.84 0.00	26.45 1.16 0.00	35.10 1.66 0.00	36.57 2.31 0.00	35.14 1.73 0.00	38.92 2.28 0.00	39.92 2.11 0.00	39.88 1.93 0.00	35.55 1.37 0.00	38.14 1.44 0.00	35.88 1.13 0.00	30.65 0.84 -0.70	23.48 0.54 -4.15	26.51 -0.13 -2.05	28.58 -0.35 -0.87	26.38 -0.42 -0.20
HQ_GEN_CEDARS 23644	20.01 -0.19 0.00	21.25 -0.31 0.00	19.83 -0.31 0.00	17.59 -0.32 0.00	18.33 -0.33 0.00	20.01 -0.33 0.00	20.76 -0.32 0.00	19.48 -0.22 0.00	21.30 -0.20 0.00	24.96 -0.33 0.00	32.90 -0.54 0.00	33.47 -0.79 0.00	34.31 -1.01 -1.91	37.82 -1.33 -2.52	25.77 -1.61 10.43	-15.64 -2.19 51.41	-120.97 -2.24 154.13	-47.51 -2.37 82.01	-11.87 -2.15 44.48	7.91 -1.74 19.47	13.14 -0.98 4.67	20.00 -0.68 3.91	27.36 -0.70 0.00	26.00 -0.60 0.00
HQ_GEN_CEDARS_PROXY 323590	20.01 -0.19 0.00	21.25 -0.31 0.00	19.83 -0.31 0.00	17.59 -0.32 0.00	18.33 -0.33 0.00	20.02 -0.33 0.00	20.76 -0.32 0.00	19.48 -0.22 0.00	21.30 -0.20 0.00	24.96 -0.33 0.00	32.90 -0.54 0.00	33.47 -0.79 0.00	34.31 -1.01 -1.91	37.82 -1.34 -2.52	25.77 -1.61 10.43	-15.64 -2.19 51.41	-120.97 -2.24 154.13	-47.51 -2.37 82.01	-11.88 -2.15 44.48	6.42 -1.73 20.96	11.09 -0.97 6.71	21.85 -0.68 2.06	27.35 -0.70 0.00	26.01 -0.60 0.00
HQ_GEN_IMPORT 323601	20.06 -0.15 0.00	21.35 -0.20 0.00	19.93 -0.21 0.00	17.71 -0.20 0.00	18.45 -0.21 0.00	20.13 -0.21 0.00	20.86 -0.22 0.00	19.53 -0.16 0.00	21.35 -0.16 0.00	25.06 -0.23 0.00	33.07 -0.38 0.00	33.70 -0.56 0.00	32.73 -0.68 0.00	35.68 -0.95 0.00	34.79 -1.17 1.86	28.48 -1.21 8.26	29.05 -1.15 5.20	24.75 -1.22 10.90	28.72 -1.11 4.93	28.05 -0.90 0.16	16.63 -0.56 1.59	23.50 -0.51 0.58	27.55 -0.51 0.00	26.20 -0.40 0.00
HQ_GEN_WHEEL 23651	20.06 -0.15 0.00	21.35 -0.20 0.00	19.93 -0.21 0.00	17.71 -0.20 0.00	18.45 -0.21 0.00	20.13 -0.21 0.00	20.86 -0.22 0.00	19.53 -0.16 0.00	21.35 -0.16 0.00	25.06 -0.23 0.00	33.07 -0.38 0.00	33.70 -0.56 0.00	32.73 -0.68 0.00	35.68 -0.95 0.00	34.79 -1.17 1.86	28.48 -1.21 8.26	29.05 -1.15 5.20	24.75 -1.22 10.90	28.72 -1.11 4.93	28.05 -0.90 0.16	16.63 -0.56 1.59	23.50 -0.51 0.58	27.55 -0.51 0.00	26.20 -0.40 0.00
HUDSON_AVE_GT_3 23810	21.34 1.13 0.00	22.74 1.19 0.00	21.26 1.12 0.00	18.85 0.94 0.00	19.65 0.99 0.00	21.41 1.07 0.00	22.24 1.16 0.00	24.09 1.08 -3.32	26.39 1.23 -3.65	26.88 1.59 0.00	35.67 2.23 0.00	36.66 2.40 0.00	36.10 2.69 0.00	39.90 3.26 0.00	41.57 3.77 0.00	41.80 3.85 0.00	38.81 3.41 0.00	40.25 3.39 0.00	37.84 3.09 0.00	34.81 2.54 -3.15	38.85 1.51 -18.56	35.61 1.85 -9.17	34.21 2.26 -3.89	32.67 2.13 -3.94
HUDSON_AVE_GT_4 23540	21.34 1.13 0.00	22.74 1.19 0.00	21.26 1.12 0.00	18.85 0.94 0.00	19.65 0.99 0.00	21.41 1.07 0.00	22.24 1.16 0.00	24.09 1.08 -3.32	26.39 1.23 -3.65	26.88 1.59 0.00	35.67 2.23 0.00	36.66 2.40 0.00	36.10 2.69 0.00	39.90 3.26 0.00	41.57 3.77 0.00	41.80 3.85 0.00	38.81 3.41 0.00	40.25 3.39 0.00	37.84 3.09 0.00	34.81 2.54 -3.15	38.85 1.51 -18.56	35.61 1.85 -9.17	34.21 2.26 -3.89	32.67 2.13 -3.94
HUDSON_AVE_GT_5 23657	21.34 1.13 0.00	22.74 1.19 0.00	21.26 1.12 0.00	18.85 0.94 0.00	19.65 0.99 0.00	21.41 1.07 0.00	22.24 1.16 0.00	24.09 1.08 -3.32	26.39 1.23 -3.65	26.88 1.59 0.00	35.67 2.23 0.00	36.66 2.40 0.00	36.10 2.69 0.00	39.90 3.26 0.00	41.57 3.77 0.00	41.80 3.85 0.00	38.81 3.41 0.00	40.25 3.39 0.00	37.84 3.09 0.00	34.81 2.54 -3.15	38.85 1.51 -18.56	35.61 1.85 -9.17	34.21 2.26 -3.89	32.67 2.13 -3.94

HUDSON_AVE_10 24168	21.29 1.08 0.00	22.69 1.14 0.00	21.21 1.07 0.00	18.80 0.89 0.00	19.60 0.95 0.00	21.36 1.02 0.00	22.19 1.11 0.00	24.04 1.03 -3.32	26.32 1.16 -3.65	26.79 1.50 0.00	35.54 2.10 0.00	36.52 2.27 0.00	35.98 2.57 0.00	39.78 3.14 0.00	41.46 3.65 0.00	41.67 3.72 0.00	38.67 3.27 0.00	40.11 3.24 0.00	37.70 2.95 0.00	34.71 2.45 -3.15	38.78 1.44 -18.56	35.53 1.77 -9.17	34.13 2.18 -3.89	32.59 2.05 -3.94
HUDSON___115KV_TB 4 355613	21.03 0.82 0.00	22.55 0.99 0.00	21.15 1.00 0.00	18.80 0.89 0.00	19.60 0.94 0.00	21.33 0.98 0.00	22.08 1.00 0.00	21.17 0.81 -0.67	23.06 0.81 -0.73	26.07 0.78 0.00	34.25 0.81 0.00	34.83 0.58 0.00	34.28 0.86 0.00	37.85 1.21 0.00	39.33 1.52 0.00	39.42 1.46 0.00	36.84 1.44 0.00	38.42 1.55 0.00	36.48 1.72 0.00	36.81 1.65 -6.05	55.44 1.07 -35.59	43.52 1.34 -17.59	37.13 1.61 -7.46	30.37 1.47 -2.30
HUNTER MOUNT___DRP 323613	21.16 0.95 0.00	22.70 1.15 0.00	21.30 1.15 0.00	18.93 1.02 0.00	19.74 1.09 0.00	21.48 1.14 0.00	22.24 1.16 0.00	21.21 0.95 -0.57	23.09 0.96 -0.62	26.19 0.91 0.00	34.35 0.91 0.00	34.83 0.57 0.00	34.29 0.87 0.00	37.87 1.23 0.00	39.38 1.57 0.00	39.46 1.50 0.00	36.91 1.51 0.00	38.56 1.69 0.00	36.71 1.95 0.00	36.47 1.87 -5.48	52.28 1.24 -32.26	42.08 1.55 -15.94	36.66 1.84 -6.76	30.33 1.68 -2.05
HUNTINGTON_RES_REC 323705	21.55 1.34 0.00	22.86 1.31 0.00	21.54 1.39 0.00	19.07 1.16 0.00	19.98 1.32 0.00	21.74 1.40 0.00	22.51 1.43 0.00	24.08 1.10 -3.29	26.44 1.32 -3.62	27.16 1.80 -0.07	36.74 2.79 -0.51	38.57 3.08 -1.23	39.36 3.46 -2.49	41.91 3.88 -1.39	48.14 4.09 -6.24	76.39 4.35 -34.09	39.05 3.62 -0.03	111.57 3.50 -71.20	192.56 3.25 -154.55	34.70 2.43 -3.16	38.78 1.43 -18.57	35.38 1.62 -9.17	34.01 2.06 -3.89	32.88 2.37 -3.92
HUNTLEY___63 23557	21.12 0.91 0.00	22.40 0.85 0.00	20.69 0.55 0.00	18.32 0.41 0.00	18.99 0.34 0.00	20.89 0.55 0.00	21.78 0.70 0.00	20.48 0.79 0.00	22.47 0.97 0.00	26.58 1.29 0.00	35.33 1.89 0.00	36.65 2.39 0.00	35.12 1.70 0.00	38.39 1.75 0.00	39.52 1.72 0.00	39.47 1.52 0.00	35.51 1.36 1.26	38.76 2.06 0.17	36.06 1.30 0.00	30.56 0.91 -0.53	22.63 0.70 -3.15	26.20 0.06 -1.55	28.41 -0.31 -0.66	26.50 -0.25 -0.15
HUNTLEY___64 23558	21.12 0.91 0.00	22.40 0.85 0.00	20.69 0.55 0.00	18.32 0.41 0.00	18.99 0.34 0.00	20.89 0.55 0.00	21.78 0.70 0.00	20.48 0.79 0.00	22.47 0.97 0.00	26.58 1.29 0.00	35.33 1.89 0.00	36.65 2.39 0.00	35.12 1.70 0.00	38.39 1.75 0.00	39.52 1.72 0.00	39.47 1.52 0.00	35.51 1.36 1.26	38.76 2.06 0.17	36.06 1.30 0.00	30.56 0.91 -0.53	22.63 0.70 -3.15	26.20 0.06 -1.55	28.41 -0.31 -0.66	26.50 -0.25 -0.15
HUNTLEY___65 23559	21.12 0.91 0.00	22.40 0.85 0.00	20.69 0.55 0.00	18.32 0.41 0.00	18.99 0.34 0.00	20.89 0.55 0.00	21.78 0.70 0.00	20.48 0.79 0.00	22.47 0.97 0.00	26.58 1.29 0.00	35.33 1.89 0.00	36.65 2.39 0.00	35.12 1.70 0.00	38.39 1.75 0.00	39.52 1.72 0.00	39.47 1.52 0.00	35.51 1.36 1.26	38.76 2.06 0.17	36.06 1.30 0.00	30.56 0.91 -0.53	22.63 0.70 -3.15	26.20 0.06 -1.55	28.41 -0.31 -0.66	26.50 -0.25 -0.15
HUNTLEY___66 23560	21.12 0.91 0.00	22.40 0.85 0.00	20.69 0.55 0.00	18.32 0.41 0.00	18.99 0.34 0.00	20.89 0.55 0.00	21.78 0.70 0.00	20.48 0.79 0.00	22.47 0.97 0.00	26.58 1.29 0.00	35.33 1.89 0.00	36.65 2.39 0.00	35.12 1.70 0.00	38.39 1.75 0.00	39.52 1.72 0.00	39.47 1.52 0.00	35.51 1.36 1.26	38.76 2.06 0.17	36.06 1.30 0.00	30.56 0.91 -0.53	22.63 0.70 -3.15	26.20 0.06 -1.55	28.41 -0.31 -0.66	26.50 -0.25 -0.15
HUNTLEY___67 23561	20.91 0.70 0.00	22.17 0.62 0.00	20.49 0.35 0.00	18.15 0.24 0.00	18.82 0.16 0.00	20.68 0.34 0.00	21.57 0.50 0.00	20.30 0.61 0.00	22.28 0.77 0.00	26.36 1.08 0.00	34.99 1.55 0.00	36.32 2.06 0.00	34.86 1.45 0.00	38.20 1.56 0.00	39.35 1.54 0.00	39.33 1.38 0.00	35.36 1.21 1.25	38.55 1.85 0.17	35.90 1.14 0.00	30.41 0.76 -0.55	22.61 0.62 -3.21	26.16 -0.02 -1.59	28.33 -0.41 -0.67	26.41 -0.35 -0.15
HUNTLEY___68 23562	20.91 0.70 0.00	22.17 0.62 0.00	20.49 0.35 0.00	18.15 0.24 0.00	18.82 0.16 0.00	20.68 0.34 0.00	21.57 0.50 0.00	20.30 0.61 0.00	22.28 0.77 0.00	26.36 1.08 0.00	34.99 1.55 0.00	36.32 2.06 0.00	34.86 1.45 0.00	38.20 1.56 0.00	39.35 1.54 0.00	39.33 1.38 0.00	35.36 1.21 1.25	38.55 1.85 0.17	35.90 1.14 0.00	30.41 0.76 -0.55	22.61 0.62 -3.21	26.16 -0.02 -1.59	28.33 -0.41 -0.67	26.41 -0.35 -0.15
HYLAND___LFGE 323620	21.76 1.56 0.00	23.02 1.46 0.00	21.27 1.13 0.00	18.89 0.98 0.00	19.66 1.00 0.00	21.55 1.21 0.00	22.51 1.43 0.00	21.20 1.51 0.00	22.93 1.42 0.00	26.72 1.43 0.00	34.60 1.16 0.00	35.66 1.40 0.00	33.74 0.33 0.00	36.13 -0.51 0.00	36.67 -1.14 0.00	37.19 -0.76 0.00	33.75 -0.39 1.26	36.65 -0.06 0.16	34.89 0.13 0.00	30.32 0.62 -0.59	22.83 0.60 -3.45	26.26 -0.04 -1.71	29.55 0.77 -0.72	28.12 1.35 -0.16
INDECK___CORINTH 23802	21.15 0.94 0.00	22.59 1.04 0.00	21.16 1.02 0.00	18.79 0.88 0.00	19.60 0.94 0.00	21.37 1.03 0.00	22.15 1.07 0.00	21.25 0.83 -0.73	23.12 0.82 -0.80	26.20 0.92 0.00	34.48 1.04 0.00	35.48 1.22 0.00	34.98 1.57 0.00	38.46 1.82 0.00	39.87 2.06 0.00	40.20 2.25 0.00	37.77 2.37 0.00	39.37 2.50 0.00	37.54 2.78 0.00	41.58 2.32 -10.15	79.96 1.49 -59.70	56.01 1.92 -29.50	42.61 2.04 -12.52	31.93 1.84 -3.49
INDECK___ILION 23567	20.26 0.05 0.00	21.68 0.13 0.00	20.31 0.17 0.00	18.06 0.15 0.00	18.83 0.17 0.00	20.52 0.18 0.00	21.26 0.18 0.00	19.78 0.08 0.00	21.53 0.02 0.00	25.27 -0.02 0.00	33.54 0.09 0.00	34.45 0.19 0.00	33.80 0.39 0.00	37.26 0.63 0.00	42.01 0.82 -3.38	52.36 0.69 -13.72	50.32 0.61 -14.31	51.68 0.69 -14.12	44.37 0.77 -8.85	32.28 0.71 -2.45	20.72 0.46 -1.47	26.35 0.53 -1.23	28.63 0.57 0.00	27.04 0.44 0.00
INDECK___OLEAN 23982	20.79 0.58 0.00	22.17 0.62 0.00	20.53 0.38 0.00	18.21 0.31 0.00	18.95 0.29 0.00	20.78 0.44 0.00	21.75 0.67 0.00	20.52 0.83 0.00	22.50 1.00 0.00	26.57 1.28 0.00	35.01 1.57 0.00	36.22 1.96 0.00	34.66 1.25 0.00	38.27 1.63 0.00	39.41 1.60 0.00	39.44 1.49 0.00	35.37 1.18 1.21	38.11 1.41 0.17	35.44 0.68 0.00	30.14 0.39 -0.64	22.92 0.37 -3.76	26.25 -0.20 -1.86	28.55 -0.29 -0.79	26.80 0.02 -0.18
INDECK___OSWEGO 23783	19.70 -0.51 0.00	20.96 -0.59 0.00	19.58 -0.57 0.00	17.45 -0.46 0.00	18.16 -0.49 0.00	19.81 -0.54 0.00	20.55 -0.53 0.00	19.23 -0.46 0.00	21.00 -0.50 0.00	24.72 -0.57 0.00	32.74 -0.71 0.00	33.69 -0.57 0.00	32.79 -0.62 0.00	37.67 -0.64 -1.67	36.29 -0.68 0.83	28.22 -0.61 9.13	18.29 -0.54 16.56	26.20 -0.45 10.22	28.79 -0.48 5.49	26.92 -0.47 1.72	17.49 -0.29 1.00	24.24 -0.60 -0.25	27.63 -0.83 -0.40	25.77 -0.83 0.00



INDECK___YERKES 23781	21.14 0.93 0.00	22.42 0.87 0.00	20.71 0.57 0.00	18.34 0.43 0.00	19.01 0.36 0.00	20.91 0.57 0.00	21.80 0.72 0.00	20.51 0.81 0.00	22.49 0.99 0.00	26.61 1.32 0.00	35.39 1.95 0.00	36.70 2.44 0.00	35.14 1.73 0.00	38.44 1.80 0.00	39.53 1.72 0.00	39.47 1.51 0.00	35.54 1.40 1.26	38.81 2.10 0.17	36.07 1.31 0.00	30.54 0.89 -0.53	22.63 0.70 -3.15	26.20 0.06 -1.55	28.43 -0.28 -0.66	26.53 -0.22 -0.15
INDIAN POINT_GT_1 24139	21.11 0.90 0.00	22.53 0.98 0.00	21.07 0.93 0.00	18.68 0.77 0.00	19.48 0.83 0.00	21.22 0.88 0.00	22.03 0.95 0.00	24.41 0.86 -3.86	26.69 0.94 -4.24	26.52 1.23 0.00	35.23 1.79 0.00	36.22 1.96 0.00	35.67 2.26 0.00	39.39 2.75 0.00	41.02 3.21 0.00	41.23 3.28 0.00	38.35 2.95 0.00	39.81 2.94 0.00	37.45 2.69 0.00	34.44 2.22 -3.11	38.41 1.32 -18.31	35.25 1.61 -9.05	33.83 1.93 -3.84	32.82 1.79 -4.43
INDIAN POINT_GT_2 23659	21.11 0.90 0.00	22.53 0.98 0.00	21.07 0.93 0.00	18.68 0.77 0.00	19.48 0.83 0.00	21.22 0.88 0.00	22.03 0.95 0.00	24.41 0.86 -3.86	26.69 0.94 -4.24	26.52 1.23 0.00	35.23 1.79 0.00	36.22 1.96 0.00	35.67 2.26 0.00	39.39 2.75 0.00	41.02 3.21 0.00	41.23 3.28 0.00	38.35 2.95 0.00	39.81 2.94 0.00	37.45 2.69 0.00	34.44 2.22 -3.11	38.41 1.32 -18.31	35.25 1.61 -9.05	33.83 1.93 -3.84	32.82 1.79 -4.43
INDIAN POINT_GT_3 24019	21.11 0.90 0.00	22.53 0.98 0.00	21.07 0.93 0.00	18.68 0.77 0.00	19.48 0.83 0.00	21.22 0.88 0.00	22.03 0.95 0.00	24.41 0.86 -3.86	26.69 0.94 -4.24	26.52 1.23 0.00	35.23 1.79 0.00	36.22 1.96 0.00	35.67 2.26 0.00	39.39 2.75 0.00	41.02 3.21 0.00	41.23 3.28 0.00	38.35 2.95 0.00	39.81 2.94 0.00	37.45 2.69 0.00	34.44 2.22 -3.11	38.41 1.32 -18.31	35.25 1.61 -9.05	33.83 1.93 -3.84	32.82 1.79 -4.43
INDIAN POINT___2 23530	21.07 0.87 0.00	22.49 0.94 0.00	21.03 0.89 0.00	18.65 0.74 0.00	19.45 0.79 0.00	21.19 0.85 0.00	21.99 0.92 0.00	25.64 0.82 -5.13	28.05 0.90 -5.65	26.47 1.19 0.00	35.16 1.72 0.00	36.16 1.90 0.00	35.61 2.20 0.00	39.32 2.68 0.00	40.94 3.14 0.00	41.16 3.21 0.00	38.28 2.88 0.00	39.74 2.87 0.00	37.38 2.62 0.00	34.32 2.16 -3.06	38.05 1.28 -17.99	35.04 1.56 -8.89	33.71 1.88 -3.77	33.93 1.73 -5.59
INDIAN POINT___3 23531	21.08 0.87 0.00	22.50 0.95 0.00	21.04 0.90 0.00	18.66 0.75 0.00	19.46 0.80 0.00	21.20 0.86 0.00	22.00 0.92 0.00	24.46 0.82 -3.95	26.75 0.90 -4.35	26.47 1.18 0.00	35.16 1.72 0.00	36.15 1.89 0.00	35.60 2.19 0.00	39.32 2.68 0.00	40.92 3.12 0.00	41.13 3.18 0.00	38.25 2.85 0.00	39.71 2.84 0.00	37.36 2.60 0.00	34.37 2.15 -3.12	38.38 1.28 -18.33	35.21 1.56 -9.06	33.78 1.88 -3.84	32.85 1.74 -4.52
INGHAM_C_115KV_TB7 356103	20.15 -0.06 0.00	21.66 0.11 0.00	20.35 0.21 0.00	18.08 0.17 0.00	18.87 0.21 0.00	20.55 0.21 0.00	21.28 0.20 0.00	19.68 -0.01 0.00	21.33 -0.18 0.00	24.96 -0.33 0.00	33.24 -0.20 0.00	34.21 -0.05 0.00	33.85 0.44 0.00	37.49 0.85 0.00	42.40 1.21 -3.38	52.55 0.88 -13.72	50.48 0.78 -14.31	51.90 0.91 -14.12	44.73 1.12 -8.85	32.71 1.14 -2.45	21.02 0.77 -1.47	26.69 0.87 -1.23	29.01 0.95 0.00	27.32 0.72 0.00
IP CORINTH___1 23988	21.26 1.05 0.00	22.72 1.16 0.00	21.27 1.13 0.00	18.88 0.97 0.00	19.70 1.05 0.00	21.48 1.14 0.00	22.27 1.19 0.00	21.36 0.94 -0.73	23.25 0.94 -0.80	26.35 1.07 0.00	34.68 1.24 0.00	35.68 1.43 0.00	35.18 1.77 0.00	38.69 2.05 0.00	40.09 2.28 0.00	40.42 2.47 0.00	37.99 2.59 0.00	39.59 2.72 0.00	37.75 2.99 0.00	41.75 2.49 -10.15	80.08 1.60 -59.70	56.15 2.06 -29.50	42.77 2.20 -12.52	32.08 1.99 -3.49
IP___TICONDEROGA 23804	22.49 2.28 0.00	23.92 2.37 0.00	22.32 2.18 0.00	19.76 1.85 0.00	20.69 2.04 0.00	22.56 2.21 0.00	23.50 2.43 0.00	22.31 1.89 -0.73	24.24 1.93 -0.80	27.48 2.19 0.00	36.79 3.34 0.00	37.94 3.68 0.00	37.57 4.16 0.00	41.43 4.79 0.00	42.75 4.94 0.00	43.24 5.29 0.00	40.90 5.50 0.00	42.80 5.93 0.00	40.78 6.02 0.00	43.97 4.77 -10.08	81.17 3.06 -59.33	57.73 3.81 -29.32	44.49 3.99 -12.44	33.80 3.73 -3.48
ISLIP_RES_REC 323679	21.86 1.65 0.00	23.17 1.62 0.00	21.90 1.76 0.00	19.40 1.50 0.00	20.30 1.64 0.00	22.05 1.71 0.00	22.83 1.75 0.00	24.27 1.29 -3.29	26.66 1.54 -3.62	27.43 2.07 -0.07	37.06 3.11 -0.51	38.95 3.46 -1.23	39.84 3.94 -2.49	42.51 4.48 -1.39	44.21 4.69 -1.71	52.20 4.91 -9.34	39.65 4.24 -0.01	60.52 4.13 -19.52	72.47 3.84 -33.88	35.15 2.89 -3.16	39.10 1.75 -18.57	35.74 1.98 -9.17	34.42 2.47 -3.89	33.20 2.68 -3.92
JAMAICA___27_KV_LOAD 355505	21.49 1.28 0.00	22.90 1.35 0.00	21.40 1.26 0.00	18.96 1.06 0.00	19.77 1.12 0.00	21.55 1.21 0.00	22.39 1.31 0.00	24.22 1.21 -3.32	26.51 1.35 -3.65	26.97 1.69 0.00	35.74 2.30 0.00	36.75 2.49 0.00	36.22 2.81 0.00	40.08 3.44 0.00	41.79 3.98 0.00	41.98 4.03 0.00	38.92 3.52 0.00	40.39 3.52 0.00	37.95 3.19 0.00	34.93 2.66 -3.15	38.92 1.58 -18.56	35.74 1.97 -9.17	34.39 2.44 -3.89	32.80 2.26 -3.94
JANIS___SOLAR 323808	21.16 0.95 0.00	22.49 0.94 0.00	20.96 0.82 0.00	18.65 0.74 0.00	19.47 0.81 0.00	21.29 0.95 0.00	22.20 1.12 0.00	20.78 1.09 0.00	22.66 1.15 0.00	26.57 1.28 0.00	35.04 1.60 0.00	36.09 1.83 0.00	35.02 1.61 0.00	39.05 2.12 -0.30	40.32 2.07 -0.45	40.92 2.21 -0.76	36.99 2.24 0.65	39.92 2.54 -0.51	37.96 2.61 -0.59	32.59 2.24 -1.24	26.52 1.46 -6.28	29.48 1.56 -3.32	30.85 1.42 -1.37	28.09 1.20 -0.29
JARVIS____ 23743	20.27 0.06 0.00	21.63 0.08 0.00	20.23 0.08 0.00	18.00 0.08 0.00	18.75 0.09 0.00	20.44 0.10 0.00	21.19 0.10 0.00	19.76 0.07 0.00	21.58 0.07 0.00	25.38 0.09 0.00	33.60 0.15 0.00	34.46 0.20 0.00	33.65 0.24 0.00	36.98 0.34 0.00	41.61 0.42 -3.38	52.07 0.39 -13.72	50.06 0.35 -14.31	51.35 0.37 -14.12	43.97 0.36 -8.85	31.86 0.30 -2.45	20.43 0.18 -1.47	26.02 0.20 -1.23	28.27 0.21 0.00	26.76 0.16 0.00
JENNISON___1 23625	21.24 1.03 0.00	22.64 1.09 0.00	21.11 0.96 0.00	18.77 0.85 0.00	19.60 0.94 0.00	21.41 1.07 0.00	22.34 1.26 0.00	20.91 1.22 0.00	22.85 1.34 0.00	26.90 1.62 0.00	35.60 2.16 0.00	36.74 2.48 0.00	35.72 2.31 0.00	39.69 2.84 -0.20	41.05 2.94 -0.31	41.51 3.03 -0.52	38.58 2.81 -0.37	40.39 3.05 -0.47	38.06 2.90 -0.41	33.16 2.40 -1.64	29.26 1.52 -8.96	30.86 1.70 -4.58	31.63 1.66 -1.91	28.45 1.43 -0.42
JENNISON___2 23626	21.24 1.03 0.00	22.64 1.09 0.00	21.11 0.96 0.00	18.77 0.85 0.00	19.60 0.94 0.00	21.41 1.07 0.00	22.34 1.26 0.00	20.91 1.22 0.00	22.85 1.34 0.00	26.90 1.62 0.00	35.60 2.16 0.00	36.74 2.48 0.00	35.72 2.31 0.00	39.69 2.84 -0.20	41.05 2.94 -0.31	41.51 3.03 -0.52	38.58 2.81 -0.37	40.39 3.05 -0.47	38.06 2.90 -0.41	33.16 2.40 -1.64	29.26 1.52 -8.96	30.86 1.70 -4.58	31.63 1.66 -1.91	28.45 1.43 -0.42

JERICO_RISE_WT_PWR 323719	20.36 0.15 0.00	21.39 -0.16 0.00	19.82 -0.32 0.00	17.45 -0.46 0.00	18.16 -0.49 0.00	19.73 -0.62 0.00	20.51 -0.57 0.00	19.49 -0.20 0.00	21.57 0.06 0.00	25.14 -0.14 0.00	32.57 -0.88 0.00	32.61 -1.66 0.00	-6.49 -2.33 37.57	-15.82 -2.82 49.64	-1.03 -3.00 35.83	-17.15 -2.90 52.20	-31.08 -2.59 63.89	-31.15 -2.46 65.56	0.58 -2.32 31.86	22.18 -1.74 5.19	13.76 -1.07 3.96	20.16 -1.12 3.31	26.86 -1.19 0.00	25.85 -0.75 0.00
KATONAH__115KV_46KV_TB4 355592	21.27 1.06 0.00	22.71 1.16 0.00	21.23 1.09 0.00	18.83 0.92 0.00	19.64 0.98 0.00	21.40 1.06 0.00	22.23 1.15 0.00	22.83 1.04 -2.11	24.98 1.15 -2.32	26.78 1.49 0.00	35.56 2.11 0.00	36.59 2.33 0.00	36.05 2.64 0.00	39.86 3.22 0.00	41.49 3.68 0.00	41.73 3.77 0.00	38.81 3.41 0.00	40.30 3.43 0.00	37.91 3.14 0.00	34.92 2.60 -3.21	39.22 1.55 -18.89	35.82 1.89 -9.34	34.25 2.23 -3.96	31.50 2.07 -2.84
KCE_NY_1 323755	21.33 1.12 0.00	22.83 1.27 0.00	21.39 1.25 0.00	18.99 1.09 0.00	19.80 1.14 0.00	21.60 1.26 0.00	22.36 1.28 0.00	21.47 1.05 -0.73	23.41 1.09 -0.81	26.52 1.23 0.00	35.05 1.61 0.00	36.01 1.75 0.00	35.44 2.03 0.00	39.08 2.44 0.00	40.55 2.74 0.00	40.71 2.76 0.00	38.09 2.69 0.00	39.73 2.86 0.00	37.67 2.91 0.00	41.56 2.45 -10.00	79.17 1.56 -58.83	55.64 1.98 -29.07	42.57 2.18 -12.33	32.03 1.97 -3.46
KCE_NY_6_ESR 323823	21.10 0.89 0.00	22.38 0.83 0.00	20.67 0.53 0.00	18.32 0.42 0.00	19.02 0.36 0.00	20.88 0.54 0.00	21.80 0.72 0.00	20.53 0.83 0.00	22.56 1.05 0.00	26.71 1.42 0.00	35.52 2.07 0.00	36.88 2.62 0.00	35.39 1.98 0.00	38.92 2.28 0.00	40.05 2.25 0.00	40.07 2.12 0.00	36.08 1.93 1.24	39.24 2.54 0.17	36.50 1.74 0.00	30.88 1.20 -0.57	23.02 0.89 -3.35	26.54 0.29 -1.65	28.71 -0.05 -0.70	26.74 -0.02 -0.16
KEDC_PORT_JEFF_GT2 24210	21.64 1.44 0.00	22.96 1.41 0.00	21.70 1.56 0.00	19.22 1.31 0.00	20.11 1.45 0.00	21.84 1.50 0.00	22.60 1.52 0.00	24.05 1.07 -3.29	26.40 1.27 -3.62	27.11 1.75 -0.07	36.69 2.74 -0.51	38.56 3.07 -1.23	39.42 3.52 -2.49	42.02 3.99 -1.39	44.21 4.18 -2.22	54.37 4.31 -12.10	38.84 3.44 -0.01	65.41 3.25 -25.28	83.57 3.03 -45.78	34.50 2.23 -3.16	38.67 1.32 -18.57	35.24 1.47 -9.17	34.01 2.06 -3.89	32.85 2.34 -3.92
KEDC_PORT_JEFF_GT3 24211	21.64 1.44 0.00	22.96 1.41 0.00	21.70 1.56 0.00	19.22 1.31 0.00	20.11 1.45 0.00	21.84 1.50 0.00	22.60 1.52 0.00	24.05 1.07 -3.29	26.40 1.27 -3.62	27.11 1.75 -0.07	36.69 2.74 -0.51	38.56 3.07 -1.23	39.42 3.52 -2.49	42.02 3.99 -1.39	44.21 4.18 -2.22	54.37 4.31 -12.10	38.84 3.44 -0.01	65.41 3.25 -25.28	83.57 3.03 -45.78	34.50 2.23 -3.16	38.67 1.32 -18.57	35.24 1.47 -9.17	34.01 2.06 -3.89	32.85 2.34 -3.92
KEDC_GLWD_GT4 24219	21.44 1.23 0.00	22.83 1.27 0.00	21.38 1.24 0.00	18.94 1.04 0.00	19.78 1.13 0.00	21.55 1.21 0.00	22.36 1.28 0.00	24.10 1.12 -3.29	26.25 1.13 -3.62	26.93 1.57 -0.07	36.54 2.59 -0.51	38.28 2.80 -1.23	38.78 2.88 -2.49	41.44 3.41 -1.39	41.65 3.84 0.00	41.90 3.95 0.00	38.85 3.45 0.00	40.25 3.38 0.00	37.83 3.08 0.00	34.72 2.45 -3.16	38.80 1.45 -18.57	35.52 1.75 -9.17	34.05 2.10 -3.89	32.62 2.10 -3.92
KEDC_GLWD_GT5 24220	21.44 1.23 0.00	22.83 1.27 0.00	21.38 1.24 0.00	18.94 1.04 0.00	19.78 1.13 0.00	21.55 1.21 0.00	22.36 1.28 0.00	24.10 1.12 -3.29	26.25 1.13 -3.62	26.93 1.57 -0.07	36.54 2.59 -0.51	38.28 2.80 -1.23	38.78 2.88 -2.49	41.44 3.41 -1.39	41.65 3.84 0.00	41.90 3.95 0.00	38.85 3.45 0.00	40.25 3.38 0.00	37.83 3.08 0.00	34.72 2.45 -3.16	38.80 1.45 -18.57	35.52 1.75 -9.17	34.05 2.10 -3.89	32.62 2.10 -3.92
KENSICO____ 23655	21.19 0.98 0.00	22.60 1.05 0.00	21.14 1.00 0.00	18.75 0.84 0.00	19.55 0.89 0.00	21.30 0.96 0.00	22.11 1.03 0.00	24.15 0.93 -3.52	26.41 1.03 -3.88	26.63 1.34 0.00	35.36 1.93 0.00	36.36 2.10 0.00	35.80 2.39 0.00	39.55 2.91 0.00	41.18 3.37 0.00	41.39 3.44 0.00	38.47 3.07 0.00	39.93 3.06 0.00	37.56 2.80 0.00	34.56 2.31 -3.14	38.66 1.37 -18.51	35.42 1.68 -9.15	33.97 2.03 -3.88	32.62 1.90 -4.13
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.20 1.00 0.00	22.62 1.07 0.00	21.13 0.99 0.00	18.74 0.83 0.00	19.54 0.88 0.00	21.30 0.96 0.00	22.12 1.04 0.00	20.63 0.94 0.00	22.53 1.02 0.00	26.60 1.31 0.00	35.43 1.99 0.00	36.47 2.21 0.00	35.84 2.43 0.00	39.35 2.71 0.00	41.09 3.28 0.00	41.33 3.37 0.00	38.54 3.14 0.00	40.02 3.15 0.00	37.69 2.94 0.00	34.66 2.44 -3.11	38.57 1.48 -18.31	35.56 1.92 -9.05	34.04 2.14 -3.84	29.40 1.93 -0.86
KIAC_JFK_GT1 23816	21.42 1.21 0.00	22.84 1.28 0.00	21.34 1.20 0.00	18.91 1.00 0.00	19.72 1.06 0.00	21.49 1.15 0.00	22.32 1.25 0.00	24.15 1.14 -3.32	26.44 1.29 -3.65	26.89 1.60 0.00	35.59 2.15 0.00	36.60 2.34 0.00	36.07 2.66 0.00	39.91 3.27 0.00	41.62 3.81 0.00	41.82 3.86 0.00	38.77 3.37 0.00	40.24 3.37 0.00	37.80 3.05 0.00	34.81 2.54 -3.15	38.84 1.50 -18.56	35.64 1.87 -9.17	34.28 2.33 -3.89	32.70 2.16 -3.94
KIAC_JFK_GT2 23817	21.42 1.21 0.00	22.84 1.28 0.00	21.34 1.20 0.00	18.91 1.00 0.00	19.72 1.06 0.00	21.49 1.15 0.00	22.32 1.25 0.00	24.15 1.14 -3.32	26.44 1.29 -3.65	26.89 1.60 0.00	35.59 2.15 0.00	36.60 2.34 0.00	36.07 2.66 0.00	39.91 3.27 0.00	41.62 3.81 0.00	41.82 3.86 0.00	38.77 3.37 0.00	40.24 3.37 0.00	37.80 3.05 0.00	34.81 2.54 -3.15	38.84 1.50 -18.56	35.64 1.87 -9.17	34.28 2.33 -3.89	32.70 2.16 -3.94
KIAC_JFK____ 323774	21.42 1.21 0.00	22.84 1.28 0.00	21.34 1.20 0.00	18.91 1.00 0.00	19.72 1.06 0.00	21.49 1.15 0.00	22.32 1.25 0.00	24.15 1.14 -3.32	26.44 1.29 -3.65	26.89 1.60 0.00	35.59 2.15 0.00	36.59 2.33 0.00	36.07 2.66 0.00	39.90 3.26 0.00	41.62 3.81 0.00	41.82 3.87 0.00	38.77 3.37 0.00	40.24 3.37 0.00	37.81 3.05 0.00	34.82 2.55 -3.15	38.84 1.50 -18.56	35.63 1.87 -9.17	34.28 2.33 -3.89	32.70 2.16 -3.94
KINTIGH____ 23543	20.73 0.52 0.00	22.00 0.45 0.00	20.36 0.22 0.00	18.05 0.14 0.00	18.72 0.06 0.00	20.56 0.22 0.00	21.42 0.34 0.00	20.15 0.45 0.00	22.09 0.58 0.00	26.12 0.83 0.00	34.63 1.19 0.00	35.87 1.62 0.00	34.50 1.09 0.00	37.67 1.16 0.13	38.79 1.18 0.20	38.67 1.05 0.33	34.82 0.94 1.51	37.91 1.52 0.48	35.42 0.92 0.26	30.09 0.59 -0.39	22.03 0.50 -2.75	25.79 -0.06 -1.26	28.21 -0.40 -0.55	26.40 -0.34 -0.13
KNTFSRNC_46_KV_46KV_LOAD 80397	20.70 0.50 0.00	21.73 0.17 0.00	20.11 -0.04 0.00	17.68 -0.23 0.00	18.39 -0.27 0.00	19.97 -0.38 0.00	20.75 -0.33 0.00	19.71 0.02 0.00	21.83 0.32 0.00	25.37 0.09 0.00	32.67 -0.77 0.00	32.67 -1.59 0.00	-4.62 -2.41 35.63	-13.30 -2.86 47.07	0.83 -2.99 33.99	-14.80 -2.86 49.89	-23.74 -2.52 56.62	-28.49 -2.31 63.06	2.55 -2.20 30.00	23.47 -1.64 4.00	14.07 -1.03 3.69	20.39 -1.12 3.08	26.98 -1.08 0.00	26.22 -0.39 0.00

LACHUTE____HYDRO 323717	22.49 2.28 0.00	23.92 2.37 0.00	22.32 2.18 0.00	19.76 1.85 0.00	20.69 2.04 0.00	22.57 2.22 0.00	23.50 2.43 0.00	22.31 1.89 -0.73	24.24 1.93 -0.80	27.48 2.19 0.00	36.79 3.35 0.00	37.94 3.68 0.00	37.57 4.16 0.00	41.43 4.79 0.00	42.75 4.94 0.00	43.25 5.29 0.00	40.90 5.50 0.00	42.81 5.94 0.00	40.78 6.02 0.00	43.96 4.77 -10.08	81.17 3.05 -59.33	57.73 3.81 -29.32	44.48 3.99 -12.44	33.80 3.73 -3.48
LAWRNCAV_115KV_TB1 80681	19.74 -0.47 0.00	20.91 -0.64 0.00	19.52 -0.63 0.00	17.28 -0.63 0.00	18.02 -0.64 0.00	19.69 -0.65 0.00	20.46 -0.63 0.00	19.21 -0.48 0.00	21.03 -0.48 0.00	24.63 -0.66 0.00	32.43 -1.02 0.00	32.97 -1.30 0.00	36.56 -1.57 -4.72	40.90 -1.98 -6.24	22.68 -2.25 12.88	-32.27 -2.63 67.59	-121.90 -2.67 154.63	-58.96 -2.78 93.05	-20.11 -2.49 52.38	7.23 -2.00 19.87	10.92 -1.19 6.68	18.07 -1.01 5.52	27.02 -1.04 0.00	25.59 -1.01 0.00
LEDERLE____ 23769	21.12 0.91 0.00	22.54 0.99 0.00	21.07 0.92 0.00	18.68 0.77 0.00	19.48 0.83 0.00	21.23 0.88 0.00	22.03 0.95 0.00	16.23 0.87 4.33	17.68 0.94 4.77	26.55 1.26 0.00	35.31 1.86 0.00	36.35 2.09 0.00	35.80 2.38 0.00	39.57 2.93 0.00	41.20 3.40 0.00	41.40 3.45 0.00	38.52 3.12 0.00	39.99 3.12 0.00	37.59 2.83 0.00	34.43 2.33 -3.00	37.82 1.39 -17.65	34.99 1.68 -8.72	33.74 1.98 -3.70	25.23 1.80 3.18
LIGHTHSE_115KV_TB6 355974	20.01 -0.20 0.00	21.23 -0.32 0.00	19.80 -0.34 0.00	17.65 -0.25 0.00	18.41 -0.25 0.00	20.12 -0.22 0.00	20.93 -0.15 0.00	19.58 -0.11 0.00	21.38 -0.13 0.00	25.15 -0.14 0.00	33.35 -0.09 0.00	34.37 0.11 0.00	33.28 -0.13 0.00	37.36 -0.16 -0.88	29.61 -0.18 8.01	1.79 -0.02 36.14	-17.32 0.03 52.75	-1.03 0.18 38.08	11.52 0.20 23.44	22.02 0.15 7.24	14.88 0.10 4.00	21.64 -0.17 2.77	27.90 -0.37 -0.21	26.08 -0.52 0.00
LINDEN COGEN____ 23786	21.14 0.94 0.00	22.54 0.99 0.00	21.08 0.94 0.00	18.69 0.78 0.00	19.49 0.84 0.00	21.22 0.88 0.00	22.01 0.96 0.03	21.47 0.89 -0.88	22.43 1.02 0.10	26.64 1.35 0.00	35.37 1.92 0.00	36.35 2.09 0.00	35.80 2.39 0.00	37.81 2.90 1.73	39.55 3.39 1.65	38.79 3.46 2.62	38.47 3.07 0.00	39.90 3.03 0.00	37.55 2.79 0.00	34.58 2.31 -3.15	38.71 1.36 -18.56	35.41 1.64 -9.17	33.98 2.03 -3.89	32.46 1.92 -3.94
LINDHRST_69_KV_BK1 356055	21.75 1.54 0.00	23.08 1.52 0.00	21.70 1.55 0.00	19.20 1.30 0.00	20.09 1.43 0.00	21.86 1.52 0.00	22.66 1.58 0.00	24.28 1.30 -3.29	26.66 1.54 -3.62	27.42 2.06 -0.07	37.09 3.14 -0.51	38.90 3.41 -1.23	39.65 3.75 -2.49	42.24 4.22 -1.38	42.37 4.43 -0.13	43.23 4.54 -0.73	39.36 3.96 0.00	42.24 3.83 -1.53	39.75 3.54 -1.45	35.00 2.73 -3.16	38.99 1.64 -18.57	35.72 1.95 -9.17	34.39 2.44 -3.89	33.15 2.63 -3.91
LIPA_MISC_IPP 23656	21.63 1.42 0.00	22.93 1.38 0.00	21.77 1.63 0.00	19.32 1.41 0.00	20.21 1.55 0.00	21.95 1.61 0.00	22.71 1.63 0.00	24.00 1.02 -3.29	26.33 1.20 -3.62	27.00 1.64 -0.07	36.52 2.57 -0.51	38.37 2.89 -1.23	39.25 3.35 -2.49	41.87 3.84 -1.39	43.41 4.00 -1.60	50.79 4.08 -8.76	38.90 3.50 0.00	58.55 3.38 -18.30	66.63 3.21 -28.65	34.65 2.39 -3.16	38.80 1.45 -18.57	35.36 1.59 -9.17	33.96 2.01 -3.89	32.79 2.28 -3.91
LISF____SOLAR 323691	21.66 1.46 0.00	22.97 1.42 0.00	21.81 1.67 0.00	19.35 1.44 0.00	20.24 1.58 0.00	21.98 1.64 0.00	22.75 1.67 0.00	24.03 1.05 -3.29	26.35 1.22 -3.62	27.02 1.66 -0.07	36.57 2.62 -0.51	38.43 2.95 -1.23	39.32 3.42 -2.49	41.94 3.91 -1.39	43.56 4.09 -1.67	51.23 4.17 -9.11	39.00 3.59 0.00	59.39 3.49 -19.03	68.74 3.34 -30.64	34.74 2.48 -3.16	38.86 1.51 -18.57	35.42 1.66 -9.17	34.03 2.07 -3.89	32.84 2.33 -3.92
LITTLE FALLS____HYD 24013	20.15 -0.06 0.00	21.66 0.11 0.00	20.35 0.21 0.00	18.08 0.17 0.00	18.87 0.21 0.00	20.55 0.21 0.00	21.28 0.20 0.00	19.68 -0.01 0.00	21.33 -0.18 0.00	24.96 -0.33 0.00	33.24 -0.20 0.00	34.21 -0.05 0.00	33.85 0.44 0.00	37.49 0.85 0.00	42.40 1.21 -3.38	52.55 0.88 -13.72	50.48 0.78 -14.31	51.90 0.91 -14.12	44.73 1.12 -8.85	32.71 1.14 -2.45	21.02 0.77 -1.47	26.69 0.87 -1.23	29.01 0.95 0.00	27.32 0.72 0.00
LITTLRIV_115KV_TB1 356100	19.95 -0.26 0.00	21.13 -0.43 0.00	19.71 -0.43 0.00	17.46 -0.45 0.00	18.21 -0.45 0.00	19.92 -0.43 0.00	20.71 -0.36 0.00	19.46 -0.23 0.00	21.28 -0.23 0.00	24.93 -0.36 0.00	32.93 -0.51 0.00	33.50 -0.75 0.00	37.53 -1.07 -5.19	42.19 -1.41 -6.96	22.94 -1.70 13.17	-34.43 -2.12 70.27	-121.59 -2.26 154.73	-60.35 -2.34 94.88	-20.95 -2.02 53.70	7.58 -1.59 19.93	10.88 -0.93 6.98	18.15 -0.68 5.76	27.40 -0.69 -0.03	25.91 -0.69 0.00
LI_NEWBRDGE____DRP 323616	21.33 1.12 0.00	22.67 1.12 0.00	21.29 1.15 0.00	18.86 0.95 0.00	19.72 1.06 0.00	21.47 1.13 0.00	22.25 1.17 0.00	23.94 0.96 -3.29	26.23 1.11 -3.62	26.89 1.53 -0.07	36.29 2.34 -0.51	38.01 2.53 -1.23	38.74 2.84 -2.49	41.27 3.24 -1.38	41.36 3.55 0.00	41.62 3.67 0.00	38.53 3.12 0.00	39.85 3.12 0.00	37.50 2.98 0.00	34.39 2.12 -3.16	38.60 1.26 -18.57	35.25 1.49 -9.17	33.85 1.90 -3.89	32.60 2.09 -3.91
LOCKPORT_115KV_TB60_63_64 80432	20.97 0.76 0.00	22.24 0.69 0.00	20.54 0.40 0.00	18.19 0.28 0.00	18.85 0.19 0.00	20.73 0.39 0.00	21.62 0.54 0.00	20.34 0.65 0.00	22.25 0.74 0.00	26.27 0.98 0.00	34.88 1.44 0.00	36.18 1.92 0.00	34.72 1.31 0.00	37.96 1.32 0.00	39.11 1.31 0.00	39.06 1.11 0.00	35.13 1.00 1.27	38.41 1.70 0.16	35.80 1.03 0.00	30.31 0.68 -0.51	22.37 0.57 -3.02	25.97 -0.11 -1.49	28.16 -0.53 -0.63	26.28 -0.47 -0.14
LOCKPORT____CC1 323769	20.91 0.71 0.00	22.20 0.65 0.00	20.50 0.35 0.00	18.16 0.25 0.00	18.81 0.16 0.00	20.69 0.35 0.00	21.57 0.49 0.00	20.30 0.60 0.00	22.18 0.67 0.00	26.17 0.88 0.00	34.76 1.32 0.00	36.04 1.79 0.00	34.60 1.19 0.00	37.86 1.22 0.00	38.96 1.16 0.00	38.90 0.94 0.00	34.98 0.85 1.27	38.26 1.56 0.16	35.62 0.86 0.00	30.13 0.51 -0.52	22.30 0.48 -3.04	25.88 -0.21 -1.50	28.05 -0.64 -0.64	26.17 -0.57 -0.14
LOCKPORT____CC2 323770	20.91 0.71 0.00	22.20 0.65 0.00	20.50 0.35 0.00	18.16 0.25 0.00	18.81 0.16 0.00	20.69 0.35 0.00	21.57 0.49 0.00	20.30 0.60 0.00	22.18 0.67 0.00	26.17 0.88 0.00	34.76 1.32 0.00	36.04 1.79 0.00	34.60 1.19 0.00	37.86 1.22 0.00	38.96 1.16 0.00	38.90 0.94 0.00	34.98 0.85 1.27	38.26 1.56 0.16	35.62 0.86 0.00	30.13 0.51 -0.52	22.30 0.48 -3.04	25.88 -0.21 -1.50	28.05 -0.64 -0.64	26.17 -0.57 -0.14
LOCKPORT____CC3 323771	20.91 0.71 0.00	22.20 0.65 0.00	20.50 0.35 0.00	18.16 0.25 0.00	18.81 0.16 0.00	20.69 0.35 0.00	21.57 0.49 0.00	20.30 0.60 0.00	22.18 0.67 0.00	26.17 0.88 0.00	34.76 1.32 0.00	36.04 1.79 0.00	34.60 1.19 0.00	37.86 1.22 0.00	38.96 1.16 0.00	38.90 0.94 0.00	34.98 0.85 1.27	38.26 1.56 0.16	35.62 0.86 0.00	30.13 0.51 -0.52	22.30 0.48 -3.04	25.88 -0.21 -1.50	28.05 -0.64 -0.64	26.17 -0.57 -0.14

LONG_LAKE_PHOENIX 24014	19.95 -0.26 0.00	21.24 -0.32 0.00	19.83 -0.31 0.00	17.66 -0.25 0.00	18.38 -0.28 0.00	20.04 -0.30 0.00	20.80 -0.28 0.00	19.47 -0.22 0.00	21.26 -0.25 0.00	25.03 -0.26 0.00	33.21 -0.23 0.00	34.21 -0.05 0.00	33.27 -0.14 0.00	37.81 -0.08 -1.25	37.54 -0.06 0.21	32.87 -0.04 5.05	24.93 -0.04 10.44	31.49 0.13 5.50	31.90 0.05 2.91	28.11 -0.02 0.98	18.22 0.00 0.56	24.69 -0.24 -0.34	27.93 -0.43 -0.30	26.15 -0.45 0.00
LOVETT___3 23632	21.01 0.81 0.00	22.43 0.88 0.00	20.98 0.84 0.00	18.61 0.70 0.00	19.41 0.75 0.00	21.14 0.79 0.00	21.93 0.85 0.00	15.91 0.76 4.55	17.32 0.81 5.00	26.39 0.00 0.00	35.06 0.00 0.00	36.06 1.81 0.00	35.53 2.11 0.00	39.24 2.60 0.00	40.85 3.05 0.00	41.06 3.11 0.00	38.20 2.80 0.00	39.66 2.80 0.00	37.30 2.54 0.00	34.22 2.09 -3.02	37.77 1.24 -17.75	34.86 1.50 -8.77	33.57 1.80 -3.72	24.87 1.64 3.37
LOVETT___4 23642	21.01 0.81 0.00	22.43 0.88 0.00	20.98 0.84 0.00	18.61 0.70 0.00	19.41 0.75 0.00	21.14 0.79 0.00	21.93 0.85 0.00	15.91 0.76 4.55	17.32 0.81 5.00	26.39 0.00 0.00	35.06 0.00 0.00	36.06 1.81 0.00	35.53 2.11 0.00	39.24 2.60 0.00	40.85 3.05 0.00	41.06 3.11 0.00	38.20 2.80 0.00	39.66 2.80 0.00	37.30 2.54 0.00	34.22 2.09 -3.02	37.77 1.24 -17.75	34.86 1.50 -8.77	33.57 1.80 -3.72	24.87 1.64 3.37
LOVETT___5 23593	21.01 0.81 0.00	22.43 0.88 0.00	20.98 0.84 0.00	18.61 0.70 0.00	19.41 0.75 0.00	21.14 0.79 0.00	21.93 0.85 0.00	15.91 0.76 4.55	17.32 0.81 5.00	26.39 0.00 0.00	35.06 0.00 0.00	36.06 1.81 0.00	35.53 2.11 0.00	39.24 2.60 0.00	40.85 3.05 0.00	41.06 3.11 0.00	38.20 2.80 0.00	39.66 2.80 0.00	37.30 2.54 0.00	34.22 2.09 -3.02	37.77 1.24 -17.75	34.86 1.50 -8.77	33.57 1.80 -3.72	24.87 1.64 3.37
LOWER RAQUET___HYD 24057	19.65 -0.56 0.00	20.80 -0.75 0.00	19.42 -0.73 0.00	17.18 -0.72 0.00	17.92 -0.74 0.00	19.59 -0.75 0.00	20.36 -0.72 0.00	19.13 -0.57 0.00	20.94 -0.57 0.00	24.52 -0.77 0.00	32.27 -1.17 0.00	32.81 -1.45 0.00	37.28 -1.75 -5.62	42.00 -2.18 -7.54	21.82 -2.45 13.54	-37.61 -2.78 72.79	-122.24 -2.81 154.83	-62.66 -2.93 96.61	-22.78 -2.61 54.93	7.02 -2.09 20.00	10.24 -1.25 7.29	17.47 -1.11 6.01	26.94 -1.15 -0.03	25.45 -1.15 0.00
LOWER___HUDSON 24059	20.99 0.78 0.00	22.51 0.96 0.00	21.12 0.98 0.00	18.76 0.85 0.00	19.55 0.89 0.00	21.29 0.95 0.00	22.01 0.93 0.00	21.19 0.72 -0.77	23.08 0.72 -0.85	26.04 0.75 0.00	34.46 1.01 0.00	35.35 1.09 0.00	34.82 1.41 0.00	38.36 1.72 0.00	39.76 1.95 0.00	39.81 1.86 0.00	37.22 1.82 0.00	38.73 1.86 0.00	36.72 1.96 0.00	39.79 1.75 -8.92	72.39 1.10 -52.50	51.91 1.38 -25.95	40.63 1.57 -11.01	31.25 1.45 -3.19
LOWVILLE_115KV_TB2 356335	20.20 -0.01 0.00	21.31 -0.25 0.00	19.84 -0.30 0.00	17.69 -0.22 0.00	18.47 -0.19 0.00	20.27 -0.07 0.00	21.13 0.06 0.00	19.75 0.06 0.00	21.62 0.11 0.00	25.38 0.09 0.00	33.60 0.16 0.00	34.65 0.39 0.00	34.89 -0.16 -1.64	38.73 -0.34 -2.43	89.72 -0.29 -52.20	237.67 0.04 -199.68	251.64 0.10 -216.14	222.29 0.27 -185.15	158.06 0.47 -122.83	63.63 0.35 -34.17	41.77 0.10 -22.89	43.87 -0.06 -19.33	27.92 -0.20 -0.06	25.96 -0.64 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.31 1.10 0.00	22.81 1.26 0.00	21.37 1.23 0.00	18.98 1.07 0.00	19.79 1.13 0.00	21.58 1.24 0.00	22.34 1.26 0.00	21.46 1.04 -0.73	23.39 1.07 -0.81	26.49 1.20 0.00	35.00 1.56 0.00	35.97 1.71 0.00	35.42 2.01 0.00	39.02 2.38 0.00	40.47 2.66 0.00	40.65 2.70 0.00	38.04 2.65 0.00	39.65 2.78 0.00	37.60 2.84 0.00	41.53 2.42 -10.00	79.15 1.54 -58.83	55.59 1.93 -29.07	42.52 2.13 -12.33	32.00 1.94 -3.46
LUTHERNY_35_KV_BK2 355980	21.33 1.12 0.00	22.83 1.27 0.00	21.39 1.25 0.00	18.99 1.09 0.00	19.80 1.14 0.00	21.60 1.26 0.00	22.36 1.28 0.00	21.47 1.05 -0.73	23.41 1.10 -0.81	26.52 1.23 0.00	35.05 1.61 0.00	36.01 1.75 0.00	35.44 2.03 0.00	39.09 2.45 0.00	40.54 2.74 0.00	40.71 2.76 0.00	38.09 2.69 0.00	39.73 2.86 0.00	37.67 2.91 0.00	41.56 2.45 -10.00	79.17 1.56 -58.83	55.64 1.98 -29.07	42.57 2.18 -12.33	32.03 1.97 -3.46
LWR___OSWEGATCHIE_HYD 23850	19.91 -0.30 0.00	21.04 -0.52 0.00	19.61 -0.54 0.00	17.43 -0.48 0.00	18.19 -0.47 0.00	19.91 -0.43 0.00	20.73 -0.34 0.00	19.44 -0.25 0.00	21.27 -0.24 0.00	24.93 -0.36 0.00	32.90 -0.55 0.00	33.70 -0.56 0.00	36.26 -0.97 -3.83	40.60 -1.33 -5.29	11.31 -1.51 24.98	-76.16 -1.48 112.64	-148.96 -1.46 182.91	-91.84 -1.42 127.28	-43.58 -1.17 77.17	2.97 -0.93 25.21	6.07 -0.61 12.11	14.00 -0.63 9.96	27.43 -0.68 -0.06	25.72 -0.88 0.00
LYONS_FALL_HYD 23570	20.38 0.17 0.00	21.59 0.03 0.00	20.13 -0.01 0.00	17.92 0.01 0.00	18.70 0.04 0.00	20.48 0.14 0.00	21.33 0.25 0.00	19.93 0.23 0.00	21.79 0.29 0.00	25.62 0.33 0.00	34.00 0.55 0.00	35.02 0.76 0.00	34.94 0.42 -1.10	38.72 0.43 -1.65	56.77 0.88 -18.08	107.57 1.25 -68.37	109.86 1.15 -73.32	102.24 1.30 -64.07	78.35 1.33 -42.26	41.81 0.95 -11.74	27.11 0.53 -7.80	31.71 0.51 -6.61	28.34 0.24 -0.05	26.52 -0.08 0.00
MADISON___COUNTY_LFGE 323628	20.72 0.51 0.00	22.05 0.50 0.00	20.58 0.44 0.00	18.31 0.40 0.00	19.09 0.43 0.00	20.84 0.50 0.00	21.68 0.60 0.00	20.25 0.55 0.00	22.11 0.61 0.00	26.04 0.75 0.00	34.62 1.18 0.00	35.64 1.38 0.00	34.73 1.32 0.00	38.45 1.62 -0.19	45.42 1.74 -5.87	62.38 1.85 -22.58	60.10 1.69 -23.01	60.01 1.88 -21.26	50.62 1.82 -14.04	34.44 1.48 -3.86	22.25 0.91 -2.55	27.83 0.98 -2.26	29.02 0.91 -0.05	27.32 0.72 0.00
MALONE___115KV_TB1 356076	20.38 0.17 0.00	21.45 -0.10 0.00	19.91 -0.23 0.00	17.55 -0.36 0.00	18.27 -0.38 0.00	19.89 -0.46 0.00	20.69 -0.39 0.00	19.61 -0.08 0.00	21.66 0.15 0.00	25.26 -0.02 0.00	32.87 -0.57 0.00	33.05 -1.21 0.00	55.49 -1.78 -23.85	65.95 -2.20 -31.51	39.07 -2.30 -3.57	-15.85 -2.36 51.45	-53.55 -2.16 86.79	-38.60 -2.03 73.43	-4.86 -1.90 37.72	18.80 -1.38 8.93	13.14 -0.84 4.80	19.80 -0.78 4.01	27.24 -0.82 0.00	26.04 -0.56 0.00
MAPLEWOD_115KV_TB3 80458	20.95 0.74 0.00	22.45 0.89 0.00	21.04 0.90 0.00	18.71 0.81 0.00	19.50 0.85 0.00	21.23 0.89 0.00	21.97 0.89 0.00	21.17 0.72 -0.76	23.07 0.73 -0.83	26.07 0.78 0.00	34.49 1.04 0.00	35.37 1.11 0.00	34.83 1.42 0.00	38.42 1.78 0.00	39.88 2.07 0.00	39.96 2.01 0.00	37.33 1.93 0.00	38.85 1.98 0.00	36.75 1.99 0.00	38.90 1.76 -8.02	67.10 1.10 -47.22	49.30 1.38 -23.34	39.55 1.59 -9.90	30.98 1.45 -2.93
MAPLE RIDGE_WT_1 323574	19.73 -0.48 0.00	20.98 -0.57 0.00	19.66 -0.48 0.00	17.58 -0.33 0.00	18.36 -0.29 0.00	20.06 -0.28 0.00	20.81 -0.27 0.00	19.43 -0.26 0.00	21.26 -0.25 0.00	25.01 -0.28 0.00	33.07 -0.37 0.00	33.89 -0.37 0.00	32.72 -0.70 0.00	35.99 -0.65 0.00	37.36 -0.45 -0.72	38.45 -0.22 -0.16	35.35 -0.21 -0.16	39.67 -0.23 -3.03	35.15 -0.30 -0.68	28.41 -0.50 0.20	17.50 -0.41 0.88	23.29 -0.57 0.73	27.29 -0.77 0.00	25.81 -0.79 0.00

MAPLE_RIDGE_WT_2 323611	19.73 -0.48 0.00	20.98 -0.57 0.00	19.66 -0.48 0.00	17.58 -0.33 0.00	18.36 -0.29 0.00	20.06 -0.28 0.00	20.81 -0.27 0.00	19.43 -0.26 0.00	21.26 -0.25 0.00	25.01 -0.28 0.00	33.07 -0.37 0.00	33.89 -0.37 0.00	32.72 -0.70 0.00	35.99 -0.65 0.00	37.36 -0.45 0.00	38.45 -0.22 -0.72	35.35 -0.21 -0.16	39.67 -0.23 -3.03	35.15 -0.30 -0.68	28.41 -0.50 0.20	17.50 -0.41 0.88	23.29 -0.57 0.73	27.29 -0.77 0.00	25.81 -0.79 0.00
MARBLE_RIVER_WT_PWR 323696	20.43 0.22 0.00	21.46 -0.09 0.00	19.87 -0.28 0.00	17.48 -0.43 0.00	18.19 -0.47 0.00	19.75 -0.60 0.00	20.53 -0.55 0.00	19.51 -0.18 0.00	21.61 0.10 0.00	25.17 -0.12 0.00	32.55 -0.89 0.00	32.57 -1.69 0.00	-3.93 -2.38 34.95	-12.40 -2.86 46.18	1.41 -3.05 33.35	-14.09 -2.96 49.08	-21.24 -2.56 54.09	-27.77 -2.46 62.19	3.05 -2.36 29.36	23.74 -1.78 3.59	14.09 -1.11 3.59	20.40 -1.19 3.00	26.83 -1.22 0.00	25.91 -0.70 0.00
MARSHVLE_115KV_TB1 80742	21.90 1.69 0.00	23.22 1.67 0.00	21.60 1.45 0.00	19.20 1.29 0.00	20.01 1.35 0.00	21.89 1.54 0.00	22.75 1.67 0.00	21.87 1.65 -0.53	23.91 1.82 -0.58	27.45 2.16 0.00	36.31 2.87 0.00	37.26 3.00 0.00	36.16 2.75 0.00	39.60 2.96 0.00	40.83 3.02 0.00	41.20 3.25 0.00	38.49 3.09 0.00	40.27 3.40 0.00	37.98 3.22 0.00	40.62 2.67 -8.83	72.50 1.73 -51.99	52.40 2.12 -25.69	41.20 2.24 -10.90	31.59 2.05 -2.94
MARSH_HILL_WT_PWR 323713	20.88 0.67 0.00	21.96 0.40 0.00	20.23 0.08 0.00	17.96 0.05 0.00	18.81 0.16 0.00	20.53 0.18 0.00	21.36 0.28 0.00	20.15 0.46 0.00	22.31 0.81 0.00	26.41 1.13 0.00	35.05 1.61 0.00	36.52 2.26 0.00	35.09 1.67 0.00	38.86 2.22 0.00	39.84 2.04 0.00	39.83 1.88 0.00	35.49 1.30 1.22	38.08 1.38 0.17	35.83 1.06 0.00	30.59 0.78 -0.70	23.39 0.51 -4.09	26.45 -0.16 -2.02	28.54 -0.38 -0.86	26.35 -0.44 -0.19
MCINTYRE_115KV_TB2 80467	20.21 0.01 0.00	21.42 -0.14 0.00	19.97 -0.17 0.00	17.70 -0.21 0.00	18.47 -0.19 0.00	20.21 -0.13 0.00	21.01 -0.06 0.00	19.72 0.03 0.00	21.53 0.02 0.00	25.23 -0.06 0.00	33.29 -0.15 0.00	33.87 -0.39 0.00	37.22 -0.68 -4.49	41.58 -0.99 -5.93	23.85 -1.28 12.67	-29.98 -1.72 66.22	-121.03 -1.85 154.58	-57.17 -1.93 92.11	-18.56 -1.61 51.71	8.02 -1.24 19.85	11.58 -0.68 6.51	18.80 -0.34 5.45	27.72 -0.33 0.00	26.28 -0.32 0.00
MECO____69_KV_BK1 80468	22.29 2.08 0.00	23.67 2.11 0.00	22.04 1.90 0.00	19.58 1.67 0.00	20.41 1.75 0.00	22.32 1.98 0.00	23.15 2.08 0.00	22.03 1.75 -0.59	23.83 1.67 -0.65	27.17 1.88 0.00	36.27 2.83 0.00	37.26 3.00 0.00	36.13 2.72 0.00	40.00 3.36 0.00	41.32 3.52 0.00	41.43 3.48 0.00	38.63 3.23 0.00	40.69 3.83 0.00	38.80 4.04 0.00	42.25 3.69 -9.45	76.73 2.37 -55.57	54.95 2.90 -27.46	42.74 3.03 -11.65	32.62 2.86 -3.17
MENANDS__115KV_TB5 355628	20.73 0.53 0.00	22.24 0.68 0.00	20.88 0.73 0.00	18.55 0.65 0.00	19.34 0.68 0.00	21.03 0.69 0.00	21.75 0.67 0.00	20.97 0.51 -0.76	22.83 0.48 -0.84	25.78 0.49 0.00	34.08 0.64 0.00	34.92 0.66 0.00	34.39 0.98 0.00	37.90 1.26 0.00	39.33 1.52 0.00	39.39 1.44 0.00	36.79 1.40 0.00	38.25 1.38 0.00	36.19 1.43 0.00	37.99 1.29 -7.60	64.27 0.80 -44.68	47.67 0.99 -22.08	38.63 1.20 -9.37	30.54 1.12 -2.82
MG INDUSTRY__DRP 24185	20.79 0.59 0.00	22.31 0.76 0.00	20.92 0.78 0.00	18.60 0.70 0.00	19.40 0.74 0.00	21.10 0.75 0.00	21.81 0.73 0.00	20.96 0.57 -0.70	22.81 0.53 -0.77	25.81 0.53 0.00	34.04 0.59 0.00	34.81 0.55 0.00	34.22 0.81 0.00	37.71 1.07 0.00	39.09 1.28 0.00	39.14 1.18 0.00	36.50 1.10 0.00	37.98 1.11 0.00	35.93 1.17 0.00	36.05 1.12 -5.81	53.72 0.71 -34.22	42.42 0.91 -16.91	36.40 1.16 -7.17	29.95 1.08 -2.26
MID__OSWEGATCHIE_HYD 23849	19.91 -0.30 0.00	21.04 -0.52 0.00	19.61 -0.54 0.00	17.43 -0.48 0.00	18.19 -0.47 0.00	19.91 -0.43 0.00	20.73 -0.34 0.00	19.44 -0.25 0.00	21.27 -0.24 0.00	24.93 -0.36 0.00	32.90 -0.55 0.00	33.70 -0.56 0.00	36.26 -0.97 -3.83	40.60 -1.33 -5.29	11.31 -1.51 24.98	-76.16 -1.48 112.64	-148.96 -1.46 182.91	-91.84 -1.42 127.28	-43.58 -1.17 77.17	2.97 -0.93 25.21	6.07 -0.61 12.11	14.00 -0.63 9.96	27.43 -0.68 -0.06	25.72 -0.88 0.00
MID__RAQUETTE_HYD 23851	19.65 -0.56 0.00	20.80 -0.76 0.00	19.42 -0.73 0.00	17.19 -0.72 0.00	17.92 -0.73 0.00	19.59 -0.76 0.00	20.36 -0.72 0.00	19.13 -0.57 0.00	20.94 -0.57 0.00	24.52 -0.77 0.00	32.27 -1.17 0.00	32.81 -1.45 0.00	37.29 -1.75 -5.62	42.00 -2.18 -7.54	21.82 -2.45 13.54	-37.61 -2.78 72.79	-122.23 -2.81 154.83	-62.65 -2.91 96.61	-22.78 -2.60 54.93	7.01 -2.10 20.00	10.24 -1.25 7.29	17.46 -1.12 6.01	26.94 -1.15 -0.03	25.45 -1.15 0.00
MILLIKEN__1 23584	20.70 0.50 0.00	22.04 0.49 0.00	20.55 0.41 0.00	18.27 0.36 0.00	19.06 0.40 0.00	20.81 0.47 0.00	21.63 0.55 0.00	20.26 0.57 0.00	22.16 0.65 0.00	26.09 0.80 0.00	34.49 1.05 0.00	35.54 1.28 0.00	34.59 1.18 0.00	38.58 1.53 -0.42	39.99 1.56 -0.62	40.60 1.60 -1.06	36.24 1.55 0.71	39.35 1.74 -0.74	37.25 1.66 -0.83	31.43 1.37 -0.96	23.90 0.90 -4.21	27.86 0.88 -2.39	29.76 0.74 -0.96	27.42 0.62 -0.19
MILLIKEN__2 23585	20.70 0.50 0.00	22.04 0.49 0.00	20.55 0.41 0.00	18.27 0.36 0.00	19.06 0.40 0.00	20.81 0.47 0.00	21.63 0.55 0.00	20.26 0.57 0.00	22.16 0.65 0.00	26.09 0.80 0.00	34.49 1.05 0.00	35.54 1.28 0.00	34.59 1.18 0.00	38.58 1.53 -0.42	39.99 1.56 -0.62	40.60 1.60 -1.06	36.24 1.55 0.71	39.35 1.74 -0.74	37.25 1.66 -0.83	31.43 1.37 -0.96	23.90 0.90 -4.21	27.86 0.88 -2.39	29.76 0.74 -0.96	27.42 0.62 -0.19
MILLIKEN__DIESEL 23629	20.70 0.50 0.00	22.04 0.49 0.00	20.55 0.41 0.00	18.27 0.36 0.00	19.06 0.40 0.00	20.81 0.47 0.00	21.63 0.55 0.00	20.26 0.57 0.00	22.16 0.65 0.00	26.09 0.80 0.00	34.49 1.05 0.00	35.54 1.28 0.00	34.59 1.18 0.00	38.58 1.53 -0.42	39.99 1.56 -0.62	40.60 1.60 -1.06	36.24 1.55 0.71	39.35 1.74 -0.74	37.25 1.66 -0.83	31.43 1.37 -0.96	23.90 0.90 -4.21	27.86 0.88 -2.39	29.76 0.74 -0.96	27.42 0.62 -0.19
MILLSEAT__LFGE 323607	21.29 1.08 0.00	22.58 1.02 0.00	20.86 0.71 0.00	18.48 0.57 0.00	19.16 0.50 0.00	21.07 0.73 0.00	21.99 0.91 0.00	20.71 1.02 0.00	22.67 1.16 0.00	26.77 1.49 0.00	35.60 2.16 0.00	36.91 2.65 0.00	35.50 2.09 0.00	38.91 2.27 0.00	40.11 2.30 0.00	40.14 2.18 0.00	36.14 2.03 1.28	39.54 2.83 0.15	36.92 2.16 0.00	31.21 1.60 -0.50	22.86 1.16 -2.92	26.71 0.68 -1.44	28.95 0.28 -0.61	26.99 0.25 -0.14
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.13 0.93 0.00	22.56 1.00 0.00	21.10 0.95 0.00	18.71 0.80 0.00	19.51 0.86 0.00	21.26 0.92 0.00	22.06 0.98 0.00	24.25 0.88 -3.68	26.52 0.97 -4.05	26.55 1.26 0.00	35.27 1.83 0.00	36.26 2.00 0.00	35.71 2.29 0.00	39.44 2.80 0.00	41.07 3.26 0.00	41.27 3.32 0.00	38.37 2.97 0.00	39.84 2.97 0.00	37.47 2.71 0.00	34.48 2.24 -3.13	38.53 1.33 -18.42	35.32 1.63 -9.10	33.88 1.96 -3.86	32.70 1.83 -4.27

MILLWOOD_13_KV_LOAD 356217	21.20 0.99 0.00	22.62 1.07 0.00	21.16 1.02 0.00	18.77 0.86 0.00	19.57 0.91 0.00	21.32 0.98 0.00	22.13 1.05 0.00	24.32 0.95 -3.68	26.60 1.05 -4.05	26.65 1.36 0.00	35.42 1.97 0.00	36.42 2.16 0.00	35.88 2.46 0.00	39.64 3.01 0.00	41.26 3.45 0.00	41.48 3.53 0.00	38.57 3.17 0.00	40.04 3.17 0.00	37.66 2.91 0.00	34.63 2.39 -3.13	38.63 1.43 -18.42	35.43 1.74 -9.10	34.00 2.08 -3.86	32.80 1.93 -4.27
MODEL_CITY_ENERGY 24167	20.80 0.59 0.00	22.05 0.50 0.00	20.37 0.22 0.00	18.04 0.13 0.00	18.69 0.04 0.00	20.55 0.21 0.00	21.43 0.35 0.00	20.15 0.46 0.00	22.04 0.53 0.00	26.05 0.76 0.00	34.58 1.14 0.00	35.83 1.57 0.00	34.39 0.97 0.00	37.59 0.95 0.00	38.68 0.88 0.00	38.65 0.69 0.00	34.79 0.66 1.26	38.06 1.36 0.16	35.44 0.68 0.00	30.00 0.36 -0.52	22.22 0.37 -3.07	25.74 -0.37 -1.52	27.89 -0.81 -0.64	26.04 -0.71 -0.14
MODERN_LFGE_ 323580	20.80 0.59 0.00	22.05 0.50 0.00	20.37 0.22 0.00	18.04 0.13 0.00	18.69 0.04 0.00	20.55 0.21 0.00	21.43 0.35 0.00	20.15 0.46 0.00	22.04 0.53 0.00	26.05 0.76 0.00	34.58 1.14 0.00	35.83 1.57 0.00	34.39 0.97 0.00	37.59 0.95 0.00	38.68 0.88 0.00	38.65 0.69 0.00	34.79 0.66 1.26	38.06 1.36 0.16	35.44 0.68 0.00	30.00 0.36 -0.52	22.22 0.37 -3.07	25.74 -0.37 -1.52	27.89 -0.81 -0.64	26.04 -0.71 -0.14
MOHAWK_PAPER___DRP 24187	20.95 0.74 0.00	22.45 0.89 0.00	21.04 0.90 0.00	18.71 0.81 0.00	19.50 0.85 0.00	21.23 0.89 0.00	21.97 0.89 0.00	21.17 0.72 -0.76	23.07 0.73 -0.83	26.07 0.78 0.00	34.49 1.04 0.00	35.37 1.11 0.00	34.83 1.42 0.00	38.42 1.78 0.00	39.88 2.07 0.00	39.96 2.01 0.00	37.33 1.93 0.00	38.85 1.98 0.00	36.75 1.99 0.00	38.90 1.76 -8.02	67.10 1.10 -47.22	49.30 1.38 -23.34	39.55 1.59 -9.90	30.98 1.45 -2.93
MOHICAN___35_KV_115KV_LD 80490	21.42 1.22 0.00	22.89 1.33 0.00	21.43 1.29 0.00	19.02 1.11 0.00	19.85 1.19 0.00	21.64 1.30 0.00	22.44 1.36 0.00	21.51 1.09 -0.73	23.40 1.09 -0.81	26.51 1.22 0.00	34.99 1.54 0.00	35.99 1.73 0.00	35.49 2.08 0.00	39.07 2.43 0.00	40.47 2.67 0.00	40.80 2.84 0.00	38.32 2.92 0.00	39.97 3.09 0.00	38.09 3.33 0.00	41.94 2.78 -10.05	79.68 1.78 -59.12	56.08 2.27 -29.22	42.89 2.43 -12.39	32.29 2.22 -3.47
MONGAUP___HYD 23641	21.04 0.84 0.00	22.57 1.02 0.00	21.12 0.97 0.00	18.64 0.73 0.00	19.41 0.75 0.00	21.16 0.82 0.00	21.94 0.86 0.00	17.88 0.77 2.59	19.46 0.80 2.85	26.22 0.94 0.00	34.82 1.38 0.00	35.75 1.49 0.00	34.99 1.58 0.00	38.48 1.85 0.00	39.83 2.03 0.00	40.14 2.19 0.00	37.32 1.92 0.00	38.82 1.94 0.00	36.67 1.91 0.00	33.56 1.65 -2.80	36.29 1.04 -16.47	34.16 1.43 -8.14	33.13 1.62 -3.45	26.35 1.36 1.61
MONTAUK___DIESEL 23721	22.61 2.41 0.00	23.93 2.37 0.00	22.71 2.57 0.00	20.17 2.26 0.00	21.10 2.45 0.00	22.94 2.60 0.00	23.76 2.68 0.00	24.94 1.96 -3.29	27.19 2.06 -3.62	28.16 2.80 -0.07	38.17 4.22 -0.51	40.26 4.78 -1.23	41.26 5.36 -2.49	44.29 6.26 -1.39	45.80 6.36 -1.63	53.29 6.44 -8.90	41.17 5.76 0.00	61.31 5.85 -18.58	69.68 5.52 -29.40	36.30 4.04 -3.16	39.96 2.62 -18.57	36.85 3.09 -9.17	35.51 3.56 -3.89	34.17 3.65 -3.91
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.91 0.70 0.00	22.22 0.67 0.00	20.53 0.39 0.00	18.18 0.27 0.00	18.85 0.19 0.00	20.72 0.38 0.00	21.71 0.63 0.00	20.52 0.82 0.00	22.65 1.14 0.00	26.92 1.63 0.00	35.65 2.21 0.00	37.10 2.84 0.00	35.58 2.17 0.00	39.34 2.70 0.00	40.48 2.67 0.00	40.69 2.73 0.00	36.13 1.96 1.23	38.93 2.22 0.17	36.07 1.31 0.00	30.40 0.69 -0.60	22.79 0.51 -3.50	26.15 -0.17 -1.73	28.42 -0.37 -0.73	26.11 -0.66 -0.16
MORTIMER_115KV_TB3 55949	20.86 0.65 0.00	22.12 0.57 0.00	20.52 0.37 0.00	18.21 0.30 0.00	18.90 0.24 0.00	20.73 0.39 0.00	21.58 0.50 0.00	20.32 0.63 0.00	22.31 0.80 0.00	26.35 1.07 0.00	34.94 1.50 0.00	36.21 1.95 0.00	35.01 1.60 0.00	38.31 1.79 0.12	39.53 1.90 0.18	39.54 1.89 0.30	35.65 1.79 1.54	38.83 2.36 0.40	36.37 1.85 0.24	30.81 1.35 -0.35	22.20 0.94 -2.47	26.36 0.64 -1.13	28.93 0.38 -0.50	27.05 0.33 -0.12
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.30 1.09 0.00	22.71 1.16 0.00	21.24 1.10 0.00	18.82 0.92 0.00	19.63 0.97 0.00	21.38 1.05 0.00	22.21 1.14 0.00	24.05 1.04 -3.31	26.33 1.17 -3.65	26.81 1.52 0.00	35.57 2.13 0.00	36.56 2.30 0.00	36.00 2.59 0.00	39.78 3.14 0.00	41.45 3.64 0.00	41.66 3.71 0.00	38.69 3.29 0.00	40.14 3.27 0.00	37.74 2.98 0.00	34.73 2.46 -3.15	38.80 1.46 -18.56	35.55 1.79 -9.17	34.13 2.18 -3.89	32.60 2.06 -3.94
MUNSVILLE_WIND_PWR 323609	21.70 1.49 0.00	23.05 1.49 0.00	21.48 1.33 0.00	19.11 1.20 0.00	19.98 1.32 0.00	21.89 1.55 0.00	22.90 1.82 0.00	21.42 1.73 0.00	23.41 1.90 0.00	27.53 2.24 0.00	36.42 2.98 0.00	37.57 3.31 0.00	36.52 3.11 0.00	40.67 3.78 -0.25	42.03 3.84 -0.37	42.55 3.96 -0.64	39.58 3.73 -0.45	41.49 4.04 -0.58	39.31 4.05 -0.50	33.90 3.35 -1.44	28.50 2.10 -7.62	30.93 2.38 -3.95	31.89 2.19 -1.64	28.80 1.85 -0.36
N SALMON___HYD 24042	20.38 0.18 0.00	21.45 -0.10 0.00	19.91 -0.24 0.00	17.55 -0.36 0.00	18.27 -0.38 0.00	19.88 -0.46 0.00	20.69 -0.39 0.00	19.61 -0.08 0.00	21.66 0.15 0.00	25.26 -0.02 0.00	32.87 -0.57 0.00	33.05 -1.21 -23.85	55.48 -1.78 -31.51	65.95 -2.20 -3.57	39.08 -2.30 51.45	-15.86 -2.36 86.79	-53.56 -2.17 73.43	-38.64 -2.08 37.72	-4.87 -1.91 8.93	18.80 -1.38 4.80	13.14 -0.84 4.01	19.80 -0.78 4.01	27.23 -0.82 0.00	26.04 -0.56 0.00
N.AKRON___115KV_KNAPP 355671	21.25 1.04 0.00	22.53 0.98 0.00	20.81 0.67 0.00	18.43 0.52 0.00	19.11 0.45 0.00	21.02 0.68 0.00	21.93 0.85 0.00	20.65 0.96 0.00	22.61 1.10 0.00	26.71 1.42 0.00	35.51 2.07 0.00	36.84 2.58 0.00	35.39 1.98 0.00	38.75 2.11 0.00	39.96 2.16 0.00	39.93 1.98 0.00	35.92 1.80 1.28	39.28 2.57 0.16	36.66 1.90 0.00	31.02 1.41 -0.50	22.76 1.02 -2.96	26.54 0.49 -1.46	28.77 0.09 -0.62	26.83 0.08 -0.14
N.BELMOR_69_KV_BK1 55787	21.54 1.33 0.00	22.90 1.34 0.00	21.48 1.34 0.00	19.02 1.11 0.00	19.88 1.23 0.00	21.66 1.31 0.00	22.44 1.36 0.00	24.14 1.16 -3.29	26.46 1.34 -3.62	27.18 1.82 -0.07	36.71 2.76 -0.51	38.49 3.00 -1.23	39.22 3.32 -2.49	41.84 3.82 -1.38	41.99 4.18 0.00	42.16 4.21 0.00	39.05 3.65 0.00	40.43 3.56 0.00	38.02 3.27 0.00	34.81 2.55 -3.16	38.87 1.52 -18.57	35.64 1.87 -9.17	34.26 2.31 -3.89	32.92 2.41 -3.91
N.E._GEN_SANDY PD 24062	20.93 0.71 -0.02	22.43 0.88 0.00	21.04 0.90 0.00	21.54 0.77 -2.86	22.23 0.82 -2.75	22.98 0.86 -1.78	21.94 0.86 0.00	21.54 0.67 -1.18	23.47 0.67 -1.29	26.02 0.73 0.00	34.52 1.08 0.00	35.42 1.16 0.00	35.15 1.52 -0.22	38.50 1.86 0.00	39.94 2.16 0.03	40.05 2.09 0.00	38.22 1.98 -0.84	38.58 1.95 0.24	36.95 1.99 -0.21	39.59 1.77 -8.71	52.58 1.07 -32.73	41.20 1.33 -15.28	35.31 1.58 -5.67	30.45 1.49 -2.36

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.05 0.84 0.00	22.46 0.91 0.00	21.00 0.86 0.00	18.63 0.72 0.00	19.43 0.77 0.00	21.16 0.81 0.00	21.96 0.88 0.00	16.03 0.79 4.45	17.46 0.86 4.90	26.44 1.15 0.00	35.14 1.69 0.00	36.16 1.90 0.00	35.62 2.21 0.00	39.36 2.72 0.00	40.99 3.18 0.00	41.20 3.25 0.00	38.33 2.93 0.00	39.80 2.93 0.00	37.42 2.66 0.00	34.30 2.18 -3.01	37.78 1.30 -17.70	34.90 1.56 -8.75	33.63 1.87 -3.71	25.01 1.70 3.28
N. QUEENS_27_KV_LOAD 356247	21.34 1.13 0.00	22.75 1.20 0.00	21.27 1.12 0.00	18.86 0.95 0.00	19.65 0.99 0.00	21.43 1.09 0.00	22.24 1.16 0.00	24.03 1.02 -3.31	26.36 1.20 -3.65	26.83 1.54 0.00	35.55 2.10 0.00	36.54 2.28 0.00	36.00 2.58 0.00	39.83 3.19 0.00	41.55 3.75 0.00	41.83 3.88 0.00	38.58 3.18 0.00	40.04 3.17 0.00	37.58 2.83 0.00	34.67 2.41 -3.15	38.73 1.39 -18.56	35.54 1.78 -9.17	34.17 2.23 -3.89	32.61 2.07 -3.94
N. TROY___115KV_TB1 355778	20.99 0.78 0.00	22.51 0.96 0.00	21.12 0.98 0.00	18.76 0.85 0.00	19.55 0.89 0.00	21.29 0.95 0.00	22.01 0.93 0.00	21.19 0.72 -0.77	23.08 0.72 -0.85	26.04 0.75 0.00	34.46 1.02 0.00	35.35 1.09 0.00	34.82 1.41 0.00	38.36 1.72 0.00	39.76 1.95 0.00	39.81 1.86 0.00	37.22 1.83 0.00	38.72 1.85 0.00	36.73 1.97 0.00	39.79 1.75 -8.92	72.39 1.10 -52.50	51.91 1.38 -25.95	40.63 1.57 -11.01	31.25 1.45 -3.19
NARROWS_GT1_1 24228	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
NARROWS_GT1_2 24229	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
NARROWS_GT1_3 24230	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
NARROWS_GT1_4 24231	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
NARROWS_GT1_5 24232	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
NARROWS_GT1_6 24233	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
NARROWS_GT1_7 24234	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
NARROWS_GT1_8 24235	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
NARROWS_GT2_1 24236	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
NARROWS_GT2_2 24237	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
NARROWS_GT2_3 24238	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
NARROWS_GT2_4 24239	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94

NARROWS_GT2_5 24240	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
NARROWS_GT2_6 24241	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
NARROWS_GT2_7 24242	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
NARROWS_GT2_8 24243	21.39 1.19 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.27 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.27 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.93 3.30 0.00	41.57 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.19 -3.94
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.16 0.95 0.00	22.70 1.15 0.00	21.30 1.15 0.00	18.93 1.02 0.00	19.74 1.09 0.00	21.48 1.14 0.00	22.24 1.16 0.00	21.21 0.95 -0.57	23.09 0.96 -0.62	26.19 0.91 0.00	34.35 0.91 0.00	34.83 0.57 0.00	34.29 0.87 0.00	37.87 1.23 0.00	39.38 1.57 0.00	39.46 1.50 0.00	36.91 1.51 0.00	38.56 1.69 0.00	36.71 1.95 0.00	36.47 1.87 -5.48	52.28 1.24 -32.26	42.08 1.55 -15.94	36.66 1.84 -6.76	30.33 1.68 -2.05
NCHELSEA_115KV_TR2 355582	21.29 1.09 0.00	22.73 1.18 0.00	21.26 1.12 0.00	18.86 0.95 0.00	19.66 1.01 0.00	21.43 1.09 0.00	22.25 1.17 0.00	20.74 1.05 0.00	22.67 1.16 0.00	35.56 2.11 0.00	36.57 2.31 0.00	36.03 2.62 0.00	39.82 3.19 0.00	41.46 3.66 0.00	41.64 3.69 0.00	38.78 3.38 0.00	40.31 3.43 0.00	37.94 3.18 0.00	34.93 2.63 0.00	39.12 1.58 -3.19	35.80 1.94 -18.76	34.25 2.26 -9.27	29.56 2.07 -3.93	29.56 2.07 -0.88
NEG CAPITAL___MECHNVIL 23645	21.30 1.09 0.00	22.80 1.25 0.00	21.36 1.22 0.00	18.97 1.06 0.00	19.78 1.12 0.00	21.56 1.22 0.00	22.32 1.24 0.00	21.46 1.02 -0.75	23.40 1.06 -0.82	26.48 1.19 0.00	35.03 1.59 0.00	36.03 1.77 0.00	35.53 2.12 0.00	39.10 2.46 0.00	40.57 2.76 0.00	40.78 2.83 0.00	38.12 2.72 0.00	39.73 2.86 0.00	37.68 2.92 0.00	41.29 2.46 -9.72	77.53 1.56 -57.19	54.80 1.94 -28.26	42.19 2.14 -11.99	31.94 1.94 -3.39
NEG CENTRAL_HIGH_ACRES 23767	20.37 0.16 0.00	21.62 0.06 0.00	20.07 -0.07 0.00	17.82 -0.09 0.00	18.53 -0.13 0.00	20.30 -0.04 0.00	21.13 0.05 0.00	19.85 0.15 0.00	21.74 0.23 0.00	25.72 0.43 0.00	34.15 0.71 0.00	35.32 1.06 0.00	34.23 0.82 0.00	37.66 1.03 0.00	38.88 1.08 0.00	39.03 1.08 0.00	35.00 1.07 1.46	38.09 1.51 0.29	35.90 1.14 0.00	30.25 0.73 -0.41	21.73 0.53 -2.41	25.95 0.16 -1.20	28.39 -0.17 -0.51	26.51 -0.21 -0.11
NEG CENTRAL___DRP 24199	20.54 0.34 0.00	21.84 0.29 0.00	20.33 0.19 0.00	18.07 0.15 0.00	18.84 0.18 0.00	20.58 0.24 0.00	21.42 0.34 0.00	20.11 0.42 0.00	22.03 0.52 0.00	25.96 0.67 0.00	34.39 0.94 0.00	35.55 1.30 0.00	34.56 1.15 0.00	38.52 1.50 -0.39	39.87 1.49 -0.58	40.44 1.50 -0.98	35.85 1.36 0.91	39.09 1.59 -0.63	36.92 1.39 -0.77	30.86 1.06 -0.69	22.23 0.71 -2.73	26.74 0.51 -1.64	29.00 0.30 -0.64	26.96 0.23 -0.12
NEG CENTRAL___INDECK 23768	21.45 1.24 0.00	22.70 1.14 0.00	20.98 0.84 0.00	18.63 0.72 0.00	19.39 0.73 0.00	21.25 0.91 0.00	22.17 1.09 0.00	20.90 1.21 0.00	22.81 1.30 0.00	26.70 1.41 0.00	34.75 1.31 0.00	35.82 1.55 0.00	34.22 0.81 0.00	37.16 0.52 0.00	38.00 0.20 0.00	38.37 0.42 0.00	34.69 0.54 1.26	37.63 0.92 0.16	35.58 0.82 0.00	30.54 0.85 -0.59	22.91 0.67 -3.46	26.40 0.10 -1.71	29.13 0.35 -0.73	27.61 0.84 -0.16
NEG CENTRAL___SENECA 23627	20.69 0.48 0.00	21.99 0.43 0.00	20.43 0.28 0.00	18.15 0.24 0.00	18.94 0.28 0.00	20.70 0.36 0.00	21.58 0.50 0.00	20.28 0.60 0.00	22.25 0.74 0.00	26.21 0.93 0.00	34.73 1.29 0.00	35.98 1.72 0.00	34.88 1.47 0.00	38.72 1.92 -0.16	40.00 1.96 -0.24	40.33 1.97 -0.40	36.00 1.75 1.15	39.02 2.04 -0.11	36.81 1.74 -0.32	31.06 1.36 -0.59	22.64 0.91 -2.95	26.82 0.65 -1.58	29.15 0.44 -0.65	27.09 0.35 -0.14
NEG CENTRAL___STATE_STREET 24147	20.62 0.41 0.00	21.92 0.37 0.00	20.45 0.31 0.00	18.16 0.25 0.00	18.96 0.31 0.00	20.72 0.38 0.00	21.46 0.38 0.00	20.15 0.46 0.00	22.06 0.56 0.00	26.05 0.76 0.00	34.33 0.88 0.00	35.41 1.15 0.00	34.57 1.16 0.00	38.65 1.43 -0.58	40.03 1.35 -0.88	40.90 1.46 -1.49	36.25 1.53 0.68	39.66 1.70 -1.10	37.58 1.65 -1.17	31.14 1.22 -0.80	22.35 0.83 -2.74	27.17 0.79 -1.79	29.30 0.57 -0.68	27.19 0.47 -0.12
NEG MILLWOOD___DRP 24198	21.35 1.14 0.00	22.79 1.24 0.00	21.30 1.16 0.00	18.90 0.99 0.00	19.71 1.05 0.00	21.47 1.14 0.00	22.31 1.23 0.00	22.04 1.11 -1.24	24.11 1.24 -1.36	26.87 1.58 0.00	35.71 2.27 0.00	36.75 2.49 0.00	36.22 2.81 0.00	40.06 3.42 0.00	41.72 3.91 0.00	41.94 3.98 0.00	39.03 3.63 0.00	40.56 3.69 0.00	38.16 3.41 0.00	35.13 2.80 -3.22	39.38 1.68 -18.92	36.00 2.06 -9.35	34.41 2.38 -3.97	30.82 2.20 -2.02
NEG NORTH_FLCN_SEA 23793	20.71 0.50 0.00	21.74 0.19 0.00	20.12 -0.02 0.00	17.69 -0.22 0.00	18.40 -0.26 0.00	19.96 -0.39 0.00	20.71 -0.37 0.00	19.66 -0.03 0.00	21.78 0.28 0.00	25.23 -0.05 0.00	32.39 -1.05 0.00	32.31 -1.95 0.00	-4.69 -2.83 35.27	-13.32 -3.36 46.60	0.61 -3.55 33.65	-14.91 -3.40 49.47	-22.87 -2.99 55.28	-28.59 -2.86 62.60	2.37 -2.72 29.66	23.24 -2.08 3.79	13.83 -1.31 3.64	20.08 -1.47 3.04	26.70 -1.36 0.00	26.14 -0.46 0.00
NEG NORTH_KES_CHATEGAY 23792	20.40 0.19 0.00	21.44 -0.12 0.00	19.86 -0.28 0.00	17.49 -0.42 0.00	18.20 -0.46 0.00	19.77 -0.57 0.00	20.56 -0.52 0.00	19.53 -0.16 0.00	21.61 0.10 0.00	25.18 -0.11 0.00	32.61 -0.83 0.00	32.64 -1.62 0.00	-6.39 -2.28 37.52	-15.69 -2.76 49.57	-0.92 -2.95 35.78	-17.01 -2.83 52.14	-30.81 -2.51 63.70	-30.94 -2.32 65.49	0.70 -2.25 31.82	22.27 -1.68 5.16	13.81 -1.03 3.95	20.22 -1.07 3.30	26.94 -1.12 0.00	25.91 -0.69 0.00



NEG NORTH___ALICE_FALLS 23915	20.70 0.50 0.00	21.73 0.17 0.00	20.11 -0.04 0.00	17.68 -0.23 0.00	18.39 -0.27 0.00	19.97 -0.38 0.00	20.75 -0.33 0.00	19.71 0.02 0.00	21.83 0.32 0.00	25.37 0.09 0.00	32.67 -0.77 0.00	32.67 -1.59 0.00	-4.62 -2.41 35.63	-13.30 -2.86 47.07	0.83 -2.99 33.99	-14.80 -2.86 49.89	-23.74 -2.52 56.62	-28.49 -2.31 63.06	2.55 -2.20 30.00	23.47 -1.64 4.00	14.07 -1.03 3.69	20.39 -1.12 3.08	26.98 -1.08 0.00	26.22 -0.39 0.00
NEG NORTH___LWR_SARANAC 23913	20.70 0.50 0.00	21.73 0.17 0.00	20.11 -0.04 0.00	17.68 -0.23 0.00	18.39 -0.27 0.00	19.97 -0.38 0.00	20.75 -0.33 0.00	19.71 0.02 0.00	21.83 0.32 0.00	25.37 0.09 0.00	32.67 -0.77 0.00	32.67 -1.59 0.00	-4.62 -2.41 35.63	-13.30 -2.86 47.07	0.83 -2.99 33.99	-14.80 -2.86 49.89	-23.74 -2.52 56.62	-28.49 -2.31 63.06	2.55 -2.20 30.00	23.47 -1.64 4.00	14.07 -1.03 3.69	20.39 -1.12 3.08	26.98 -1.08 0.00	26.22 -0.39 0.00
NEG NORTH___PLATTSBURG 23628	20.70 0.49 0.00	21.73 0.17 0.00	20.11 -0.04 0.00	17.68 -0.23 0.00	18.39 -0.27 0.00	19.96 -0.38 0.00	20.75 -0.33 0.00	19.71 0.02 0.00	21.83 0.32 0.00	25.37 0.08 0.00	32.67 -0.78 0.00	32.67 -1.59 0.00	-4.62 -2.41 35.63	-13.30 -2.87 47.07	0.82 -3.00 33.99	-14.80 -2.87 49.89	-23.74 -2.52 56.62	-28.53 -2.35 63.06	2.54 -2.21 30.00	23.48 -1.63 4.00	14.07 -1.03 3.69	20.39 -1.12 3.08	26.98 -1.08 0.00	26.22 -0.39 0.00
NEG WEST_LEA_LOCKPORT 23791	20.92 0.71 0.00	22.20 0.65 0.00	20.50 0.36 0.00	18.16 0.25 0.00	18.81 0.15 0.00	20.69 0.35 0.00	21.58 0.50 0.00	20.29 0.60 0.00	22.18 0.67 0.00	26.17 0.88 0.00	34.74 1.30 0.00	36.04 1.78 0.00	34.58 1.17 0.00	37.81 1.18 0.00	38.95 1.14 0.00	38.89 0.94 0.00	34.95 0.82 1.27	38.21 1.50 0.16	35.61 0.85 0.00	30.15 0.53 -0.52	22.30 0.48 -3.04	25.88 -0.21 -1.50	28.04 -0.66 -0.64	26.17 -0.58 -0.14
NEG WEST___LANCASTR 23811	20.88 0.67 0.00	22.18 0.62 0.00	20.51 0.37 0.00	18.18 0.27 0.00	18.88 0.23 0.00	20.73 0.39 0.00	21.65 0.57 0.00	20.40 0.71 0.00	22.40 0.90 0.00	26.51 1.22 0.00	35.16 1.72 0.00	36.50 2.24 0.00	35.04 1.63 0.00	38.52 1.88 0.00	39.65 1.84 0.00	39.67 1.72 0.00	35.66 1.49 1.23	38.74 2.04 0.17	36.06 1.30 0.00	30.62 0.90 -0.60	23.03 0.71 -3.53	26.50 0.16 -1.75	28.70 -0.10 -0.74	26.72 -0.05 -0.17
NEG_PENN_ALLEGHNY 23528	20.55 0.34 0.00	21.94 0.39 0.00	20.46 0.31 0.00	18.18 0.27 0.00	18.97 0.31 0.00	20.69 0.35 0.00	21.55 0.47 0.00	20.18 0.49 0.00	22.09 0.58 0.00	26.05 0.77 0.00	34.49 1.05 0.00	35.60 1.35 0.00	34.56 1.15 0.00	38.44 1.58 -0.23	39.78 1.63 -0.34	40.25 1.71 -0.58	37.30 1.49 -0.41	38.98 1.57 -0.53	36.51 1.30 -0.46	31.37 1.02 -1.24	25.97 0.67 -6.51	28.56 0.58 -3.39	30.00 0.53 -1.41	27.37 0.46 -0.30
NEG___GEN_MONROE 24207	21.08 0.87 0.00	22.41 0.86 0.00	20.79 0.65 0.00	18.43 0.53 0.00	19.11 0.45 0.00	20.92 0.58 0.00	21.83 0.75 0.00	20.63 0.94 0.00	22.57 1.06 0.00	26.59 1.30 0.00	35.41 1.96 0.00	36.76 2.51 0.00	35.43 2.02 0.00	38.80 2.28 0.12	39.94 2.31 0.18	39.94 2.28 0.30	35.93 2.06 1.53	39.07 2.60 0.40	36.57 2.05 0.23	31.06 1.59 -0.36	22.40 1.13 -2.50	26.54 0.80 -1.15	29.04 0.48 -0.50	27.13 0.42 -0.12
NEPA___ENERGY 23901	20.69 0.49 0.00	22.09 0.54 0.00	20.46 0.31 0.00	18.12 0.21 0.00	18.89 0.23 0.00	20.71 0.37 0.00	21.68 0.60 0.00	20.46 0.76 0.00	22.48 0.98 0.00	26.63 1.34 0.00	35.25 1.80 0.00	36.68 2.42 0.00	35.17 1.76 0.00	38.97 2.34 0.00	40.09 2.28 0.00	40.34 2.39 0.00	36.12 1.95 1.22	38.91 2.21 0.17	36.20 1.44 0.00	30.71 1.00 -0.61	23.08 0.74 -3.56	26.58 0.23 -1.76	28.83 0.02 -0.75	26.70 -0.07 -0.17
NEVERSINK___HYD 23608	20.95 0.74 0.00	22.35 0.79 0.00	20.87 0.73 0.00	18.51 0.60 0.00	19.29 0.63 0.00	21.04 0.69 0.00	21.83 0.75 0.00	19.89 0.70 0.50	21.71 0.75 0.55	26.27 0.99 0.00	34.85 1.41 0.00	35.88 1.62 0.00	35.10 1.68 0.00	37.79 1.15 0.00	39.48 1.67 0.00	39.85 1.90 0.00	37.27 1.87 0.00	38.72 1.85 0.00	36.47 1.71 0.00	33.41 1.42 -2.88	36.61 0.88 -16.95	34.50 1.53 -8.38	33.30 1.69 -3.55	28.44 1.49 -0.35
NEWKRMKL_115KV_TB1 55635	20.63 0.42 0.00	22.11 0.56 0.00	20.76 0.62 0.00	18.45 0.54 0.00	19.23 0.58 0.00	20.92 0.58 0.00	21.63 0.55 0.00	20.86 0.41 -0.75	22.73 0.39 -0.83	25.68 0.39 0.00	33.95 0.51 0.00	34.78 0.52 0.00	34.24 0.83 0.00	37.75 1.11 0.00	39.17 1.36 0.00	39.24 1.29 0.00	36.63 1.23 0.00	38.07 1.20 0.00	36.00 1.25 0.00	37.64 1.12 -7.40	63.04 0.69 -43.56	46.98 0.86 -21.53	38.25 1.06 -9.13	30.33 0.98 -2.75
NEWTON___FALLS_HYD 23847	19.91 -0.30 0.00	21.04 -0.52 0.00	19.61 -0.54 0.00	17.43 -0.48 0.00	18.19 -0.47 0.00	19.91 -0.43 0.00	20.73 -0.34 0.00	19.44 -0.25 0.00	21.27 -0.24 0.00	24.93 -0.36 0.00	32.90 -0.55 0.00	33.70 -0.56 0.00	36.26 -0.97 -3.83	40.60 -1.33 -5.29	11.31 -1.51 24.98	-76.16 -1.48 112.64	-148.96 -1.46 182.91	-91.84 -1.42 127.28	-43.58 -1.17 77.17	2.97 -0.93 25.21	6.07 -0.61 12.11	14.00 -0.63 9.96	27.43 -0.68 -0.06	25.72 -0.88 0.00
NGRID_A1_DSASP 323792	20.68 0.47 0.00	21.93 0.38 0.00	20.26 0.12 0.00	17.95 0.04 0.00	18.59 -0.07 0.00	20.45 0.10 0.00	21.30 0.22 0.00	20.01 0.32 0.00	21.94 0.44 0.00	25.96 0.67 0.00	34.46 1.01 0.00	35.72 1.47 0.00	34.27 0.85 0.00	37.44 0.80 0.00	38.50 0.69 0.00	38.38 0.42 0.00	34.46 0.32 1.26	37.71 1.01 0.17	35.10 0.34 0.00	29.81 0.17 -0.52	22.10 0.22 -3.09	25.63 -0.49 -1.53	27.72 -0.99 -0.65	25.86 -0.89 -0.15
NGRID_A2_DSASP 323793	20.68 0.47 0.00	21.93 0.38 0.00	20.26 0.12 0.00	17.95 0.04 0.00	18.59 -0.07 0.00	20.45 0.10 0.00	21.30 0.22 0.00	20.01 0.32 0.00	21.94 0.44 0.00	25.96 0.67 0.00	34.46 1.01 0.00	35.72 1.47 0.00	34.27 0.85 0.00	37.44 0.80 0.00	38.50 0.69 0.00	38.38 0.42 0.00	34.46 0.32 1.26	37.71 1.01 0.17	35.10 0.34 0.00	29.81 0.17 -0.52	22.10 0.22 -3.09	25.63 -0.49 -1.53	27.72 -0.99 -0.65	25.86 -0.89 -0.15
NGRID_A4_DSASP 323807	20.68 0.47 0.00	21.93 0.38 0.00	20.26 0.12 0.00	17.95 0.04 0.00	18.59 -0.07 0.00	20.45 0.10 0.00	21.30 0.22 0.00	20.01 0.32 0.00	21.94 0.44 0.00	25.96 0.67 0.00	34.44 0.99 0.00	35.71 1.45 0.00	34.25 0.84 0.00	37.39 0.75 0.00	38.50 0.70 0.00	38.38 0.43 0.00	34.43 0.29 1.26	37.65 0.95 0.17	35.08 0.32 0.00	29.83 0.20 -0.52	22.10 0.22 -3.09	25.62 -0.49 -1.53	27.71 -1.00 -0.65	25.85 -0.90 -0.15
NIAGARA_115E_LBMP 323715	20.72 0.51 0.00	21.96 0.41 0.00	20.28 0.14 0.00	17.96 0.06 0.00	18.61 -0.04 0.00	20.47 0.12 0.00	21.33 0.25 0.00	20.06 0.37 0.00	21.94 0.43 0.00	25.94 0.65 0.00	34.41 0.97 0.00	35.64 1.38 0.00	34.21 0.80 0.00	37.36 0.73 0.00	38.44 0.64 0.00	38.43 0.48 0.00	34.60 0.46 1.26	37.86 1.16 0.17	35.25 0.49 0.00	29.84 0.20 -0.53	22.14 0.26 -3.10	25.61 -0.51 -1.53	27.75 -0.96 -0.65	25.91 -0.84 -0.15

NIAGARA_115W_LBMP 323714	20.64 0.43 0.00	21.88 0.33 0.00	20.22 0.07 0.00	17.91 0.00 0.00	18.55 -0.11 0.00	20.40 0.06 0.00	21.26 0.18 0.00	19.97 0.28 0.00	21.90 0.39 0.00	25.90 0.61 0.00	34.38 0.94 0.00	35.64 1.38 0.00	34.20 0.78 0.00	37.35 0.72 0.00	38.42 0.61 0.00	38.28 0.33 0.00	34.36 0.22 1.26	37.60 0.90 0.17	35.00 0.24 0.00	29.75 0.11 -0.52	22.05 0.18 -3.09	25.57 -0.55 -1.52	27.65 -1.05 -0.65	25.79 -0.96 -0.15
NIAGARA_230_LBMP 323716	20.72 0.52 0.00	21.98 0.43 0.00	20.31 0.17 0.00	18.00 0.09 0.00	18.65 -0.01 0.00	20.50 0.16 0.00	21.36 0.28 0.00	20.09 0.39 0.00	22.01 0.51 0.00	26.03 0.74 0.00	34.55 1.11 0.00	35.81 1.55 0.00	34.37 0.96 0.00	37.61 0.97 0.00	38.69 0.89 0.00	38.65 0.70 0.00	34.77 0.63 1.26	38.02 1.32 0.17	35.39 0.63 0.00	29.96 0.32 -0.52	22.21 0.38 -3.05	25.79 -0.31 -1.51	27.96 -0.73 -0.64	26.12 -0.63 -0.14
NIAGARA__115KV_198_GIBSON 55903	20.64 0.43 0.00	21.88 0.33 0.00	20.22 0.08 0.00	17.91 0.00 0.00	18.55 -0.11 0.00	20.40 0.06 0.00	21.26 0.18 0.00	19.97 0.27 0.00	21.90 0.39 0.00	25.90 0.61 0.00	34.36 0.92 0.00	35.63 1.37 0.00	34.18 0.77 0.00	37.30 0.66 0.00	38.41 0.60 0.00	38.28 0.33 0.00	34.33 0.19 1.26	37.55 0.85 0.17	34.99 0.23 0.00	29.77 0.14 -0.52	22.04 0.17 -3.09	25.56 -0.55 -1.52	27.64 -1.06 -0.65	25.78 -0.97 -0.15
NIAGARA____ 23760	20.69 0.48 0.00	21.94 0.38 0.00	20.27 0.12 0.00	17.95 0.04 0.00	18.60 -0.06 0.00	20.45 0.11 0.00	21.32 0.24 0.00	20.04 0.35 0.00	21.97 0.46 0.00	25.98 0.70 0.00	34.48 1.04 0.00	35.73 1.47 0.00	34.29 0.88 0.00	37.48 0.85 0.00	38.56 0.76 0.00	38.50 0.55 0.00	34.61 0.47 1.26	37.86 1.16 0.17	35.24 0.48 0.00	29.86 0.23 -0.52	22.12 0.25 -3.09	25.69 -0.42 -1.52	27.83 -0.87 -0.64	25.96 -0.78 -0.14
NINE_MILE_1 23575	19.65 -0.56 0.00	20.92 -0.63 0.00	19.55 -0.60 0.00	17.41 -0.50 0.00	18.13 -0.53 0.00	19.75 -0.59 0.00	20.48 -0.60 0.00	19.17 -0.52 0.00	20.94 -0.57 0.00	24.64 -0.65 0.00	32.64 -0.80 0.00	33.57 -0.69 0.00	32.69 -0.72 0.00	31.77 -0.72 4.16	30.88 -0.69 6.24	26.67 -0.69 10.59	26.11 -0.64 8.65	26.46 -0.57 9.84	25.87 -0.60 8.29	25.94 -0.56 2.61	17.26 -0.34 1.18	20.27 -0.64 3.68	26.22 -0.84 1.00	25.78 -0.82 0.00
NINE_MILE_2 23744	19.66 -0.55 0.00	20.92 -0.63 0.00	19.55 -0.60 0.00	17.41 -0.50 0.00	18.13 -0.53 0.00	19.76 -0.59 0.00	20.48 -0.60 0.00	19.17 -0.52 0.00	20.94 -0.57 0.00	24.64 -0.65 0.00	32.64 -0.80 0.00	33.57 -0.69 0.00	32.69 -0.72 0.00	31.71 -0.72 4.22	30.78 -0.69 6.33	26.52 -0.69 10.75	27.16 -0.64 7.59	26.50 -0.57 9.80	25.74 -0.60 8.41	25.90 -0.56 2.65	17.24 -0.34 1.20	20.22 -0.64 3.74	26.20 -0.84 1.02	25.78 -0.82 0.00
NM_CAPITAL____DRP 24208	20.68 0.47 0.00	22.18 0.62 0.00	20.82 0.67 0.00	18.50 0.60 0.00	19.29 0.63 0.00	20.98 0.64 0.00	21.69 0.61 0.00	20.91 0.45 -0.77	22.78 0.43 -0.84	25.71 0.42 0.00	33.99 0.55 0.00	34.82 0.56 0.00	34.29 0.88 0.00	37.79 1.15 0.00	39.20 1.40 0.00	39.26 1.31 0.00	36.66 1.26 0.00	38.11 1.24 0.00	36.06 1.30 0.00	37.62 1.18 -7.33	62.61 0.73 -43.10	46.80 0.91 -21.30	38.21 1.12 -9.04	30.39 1.04 -2.74
NM_CENTRAL____DRP 24181	20.12 -0.08 0.00	21.42 -0.13 0.00	19.99 -0.15 0.00	17.80 -0.11 0.00	18.53 -0.13 0.00	20.21 -0.13 0.00	20.98 -0.10 0.00	19.63 -0.06 0.00	21.44 -0.07 0.00	25.27 -0.02 0.00	33.53 0.09 0.00	34.56 0.30 0.00	33.65 0.24 0.00	37.34 0.38 -0.32	38.73 0.44 -0.48	39.24 0.46 -0.82	34.09 0.42 1.74	37.83 0.56 -0.39	35.82 0.42 -0.64	29.89 0.28 -0.51	20.85 0.19 -1.87	25.73 -0.02 -1.16	28.32 -0.19 -0.45	26.46 -0.22 -0.08
NM_FRONTIER____DRP 24179	20.64 0.43 0.00	21.88 0.33 0.00	20.22 0.08 0.00	17.91 0.00 0.00	18.55 -0.11 0.00	20.40 0.06 0.00	21.26 0.18 0.00	19.97 0.27 0.00	21.90 0.39 0.00	25.90 0.61 0.00	34.36 0.92 0.00	35.63 1.37 0.00	34.18 0.77 0.00	37.30 0.66 0.00	38.41 0.60 0.00	38.28 0.33 0.00	34.33 0.19 1.26	37.55 0.85 0.17	34.99 0.23 0.00	29.77 0.14 -0.52	22.04 0.17 -3.09	25.56 -0.55 -1.52	27.64 -1.06 -0.65	25.78 -0.97 -0.15
NM_ST_REGIS____HYD 24053	19.85 -0.35 0.00	20.98 -0.57 0.00	19.56 -0.59 0.00	17.29 -0.62 0.00	18.03 -0.63 0.00	19.68 -0.66 0.00	20.46 -0.62 0.00	19.27 -0.42 0.00	21.14 -0.36 0.00	24.73 -0.55 0.00	32.45 -0.99 0.00	32.88 -1.37 0.00	41.05 -1.74 -9.37	46.86 -2.16 -12.38	25.30 -2.39 10.11	-33.04 -2.64 68.35	-108.03 -2.63 140.79	-57.61 -2.67 91.80	-19.00 -2.40 51.36	9.49 -1.89 17.73	10.84 -1.14 6.80	17.96 -1.01 5.61	27.01 -1.04 0.00	25.63 -0.97 0.00
NORTHPORT____1 23551	21.36 1.15 0.00	22.68 1.13 0.00	21.36 1.21 0.00	18.90 0.99 0.00	19.79 1.14 0.00	21.54 1.20 0.00	22.27 1.20 0.00	23.89 0.91 -3.29	26.24 1.12 -3.62	26.88 1.53 -0.07	36.42 2.47 -0.51	38.15 2.67 -1.23	38.89 2.99 -2.49	41.23 3.20 -1.39	40.74 3.22 0.29	40.19 3.37 1.13	38.28 2.88 0.00	24.89 2.64 14.62	37.97 2.45 -0.75	25.65 1.78 5.24	38.40 1.05 -18.57	26.07 1.15 -0.33	33.50 1.55 -3.89	32.45 1.93 -3.92
NORTHPORT____2 23552	21.36 1.15 0.00	22.68 1.13 0.00	21.36 1.21 0.00	18.90 0.99 0.00	19.79 1.14 0.00	21.54 1.20 0.00	22.27 1.20 0.00	23.89 0.91 -3.29	26.24 1.12 -3.62	26.88 1.53 -0.07	36.42 2.47 -0.51	38.15 2.67 -1.23	38.89 2.99 -2.49	41.23 3.20 -1.39	40.74 3.22 0.29	40.06 3.37 1.27	38.28 2.88 0.00	22.65 2.64 16.85	28.01 2.45 9.20	25.48 1.78 5.41	38.40 1.05 -18.56	25.90 1.15 -0.16	33.50 1.55 -3.89	32.45 1.93 -3.92
NORTHPORT____3 23553	21.32 1.11 0.00	22.65 1.10 0.00	21.29 1.15 0.00	18.84 0.93 0.00	19.72 1.06 0.00	21.49 1.15 0.00	22.25 1.17 0.00	23.89 0.91 -3.29	26.22 1.10 -3.62	26.87 1.51 -0.07	36.40 2.45 -0.51	38.14 2.65 -1.23	38.81 2.92 -2.49	41.18 3.16 -1.39	40.78 3.27 0.30	39.91 3.58 1.63	38.25 2.85 0.00	22.71 2.70 16.86	28.06 2.50 9.21	25.53 1.84 5.42	38.40 1.05 -18.56	25.95 1.20 -0.16	33.51 1.57 -3.89	32.49 1.98 -3.92
NORTHPORT____4 23650	21.32 1.11 0.00	22.65 1.10 0.00	21.29 1.15 0.00	18.84 0.93 0.00	19.72 1.06 0.00	21.49 1.15 0.00	22.25 1.17 0.00	23.89 0.91 -3.29	26.22 1.10 -3.62	26.87 1.51 -0.07	36.40 2.45 -0.51	38.14 2.65 -1.23	38.81 2.92 -2.49	41.18 3.16 -1.39	40.78 3.27 0.30	39.91 3.58 1.63	38.25 2.85 0.00	22.71 2.70 16.86	28.06 2.50 9.21	25.53 1.84 5.42	38.40 1.05 -18.56	25.95 1.20 -0.16	33.51 1.57 -3.89	32.49 1.98 -3.92
NORTHPORT____IC 23718	21.36 1.15 0.00	22.68 1.13 0.00	21.36 1.21 0.00	18.90 0.99 0.00	19.79 1.14 0.00	21.54 1.20 0.00	22.27 1.20 0.00	23.89 0.91 -3.29	26.24 1.12 -3.62	26.88 1.53 -0.07	36.42 2.47 -0.51	38.15 2.67 -1.23	38.89 2.99 -2.49	41.23 3.20 -1.39	40.74 3.22 0.29	40.06 3.37 1.27	38.28 2.88 0.00	22.65 2.64 16.85	28.01 2.45 9.20	25.48 1.78 5.41	38.40 1.05 -18.56	25.90 1.15 -0.16	33.50 1.55 -3.89	32.45 1.93 -3.92

NORTH__COUNTRY_ESR 323785	20.36 0.15 0.00	21.39 -0.16 0.00	19.82 -0.32 0.00	17.45 -0.46 0.00	18.16 -0.49 0.00	19.73 -0.62 0.00	20.51 -0.57 0.00	19.49 -0.20 0.00	21.57 0.06 0.00	25.14 -0.14 0.00	32.57 -0.88 0.00	32.61 -1.66 0.00	-6.49 -2.33 37.57	-15.82 -2.82 49.64	-1.03 -3.00 35.83	-17.15 -2.90 52.20	-31.08 -2.59 63.89	-31.15 -2.46 65.56	0.58 -2.32 31.86	22.18 -1.74 5.19	13.76 -1.07 3.96	20.16 -1.12 3.31	26.86 -1.19 0.00	25.85 -0.75 0.00
NPX_GEN_1385_PROXY 323591	21.14 0.93 0.00	22.48 0.93 0.00	21.16 1.02 0.00	18.65 0.74 0.00	19.78 1.12 0.00	21.48 1.14 0.00	21.93 0.85 0.00	23.66 0.68 -3.29	26.20 1.07 -3.62	26.56 1.20 -0.07	36.66 2.70 -0.51	38.21 2.72 -1.23	39.23 3.33 -2.49	41.74 3.72 -1.39	41.09 3.58 0.29	40.53 3.73 1.16	38.89 3.49 0.00	25.09 3.25 15.03	36.74 3.04 1.06	24.47 2.12 6.76	36.78 1.47 -16.52	28.15 1.41 -2.15	34.20 1.99 -4.15	32.84 2.33 -3.92
NPX_GEN_CSC 323557	21.59 1.38 0.00	22.89 1.34 0.00	21.85 1.71 0.00	19.42 1.51 0.00	20.32 1.66 0.00	22.06 1.72 0.00	22.83 1.75 0.00	23.94 0.96 -3.29	26.25 1.12 -3.62	26.92 1.56 -0.07	36.39 2.44 -0.51	38.26 2.77 -1.23	39.18 3.28 -2.49	41.79 3.77 -1.39	43.37 3.95 -1.62	50.75 3.97 -8.83	38.79 3.39 0.00	58.60 3.29 -18.44	58.13 3.20 -20.17	33.13 2.35 -1.67	36.75 1.45 -16.52	37.16 1.54 -11.02	33.89 1.94 -3.89	32.72 2.21 -3.92
NSINS_S_GLNS_FALLS 23858	21.40 1.19 0.00	22.86 1.30 0.00	21.41 1.27 0.00	18.99 1.09 0.00	19.82 1.16 0.00	21.62 1.27 0.00	22.41 1.34 0.00	21.49 1.07 -0.73	23.38 1.07 -0.80	26.50 1.21 0.00	34.94 1.50 0.00	35.95 1.70 0.00	35.45 2.04 0.00	39.00 2.36 0.00	40.41 2.60 0.00	40.73 2.77 0.00	38.25 2.85 0.00	39.89 3.02 0.00	38.02 3.26 0.00	41.92 2.72 -10.08	79.87 1.74 -59.34	56.14 2.23 -29.33	42.88 2.38 -12.44	32.24 2.17 -3.48
NUCOR_STEEL__DRP 24197	20.53 0.32 0.00	21.83 0.28 0.00	20.38 0.23 0.00	18.08 0.17 0.00	18.89 0.23 0.00	20.64 0.30 0.00	21.36 0.28 0.00	20.06 0.37 0.00	21.95 0.45 0.00	25.91 0.62 0.00	34.19 0.75 0.00	35.22 0.96 0.00	34.40 0.99 0.00	38.50 1.22 -0.64	39.94 1.18 -0.96	40.76 1.18 -1.63	35.99 1.22 0.62	39.42 1.33 -1.21	37.36 1.33 -1.28	30.87 0.94 -0.82	22.08 0.65 -2.65	26.96 0.58 -1.79	29.07 0.34 -0.67	26.99 0.27 -0.12
NUMBER_THREE_WT_PWR 323818	20.16 -0.05 0.00	21.26 -0.30 0.00	19.79 -0.35 0.00	17.65 -0.26 0.00	18.43 -0.23 0.00	20.23 -0.11 0.00	21.10 0.02 0.00	19.72 0.03 0.00	21.58 0.07 0.00	25.34 0.05 0.00	33.54 0.10 0.00	34.59 0.33 0.00	34.88 -0.23 -1.69	38.73 -0.42 -2.51	-8.64 -0.39 46.06	-151.46 -0.05 189.36	-216.63 0.02 252.05	-155.30 0.17 192.34	-87.03 0.38 122.17	-7.43 0.29 36.83	-2.33 0.05 21.16	6.98 -0.13 17.48	27.86 -0.26 -0.07	25.90 -0.70 0.00
NYISO_LBMP_REFERENCE 24008	20.21 0.00 0.00	21.55 0.00 0.00	20.14 0.00 0.00	17.91 0.00 0.00	18.66 0.00 0.00	20.34 0.00 0.00	21.08 0.00 0.00	19.69 0.00 0.00	21.51 0.00 0.00	25.29 0.00 0.00	33.44 0.00 0.00	34.26 0.00 0.00	33.41 0.00 0.00	36.64 0.00 0.00	37.81 0.00 0.00	37.95 0.00 0.00	35.40 0.00 0.00	36.87 0.00 0.00	34.76 0.00 0.00	29.11 0.00 0.00	18.78 0.00 0.00	24.59 0.00 0.00	28.06 0.00 0.00	26.60 0.00 0.00
NYPA_BRENTWD__GT 24164	21.70 1.50 0.00	23.03 1.47 0.00	21.69 1.55 0.00	19.20 1.29 0.00	20.09 1.43 0.00	21.86 1.52 0.00	22.64 1.56 0.00	24.21 1.23 -3.29	26.59 1.47 -3.62	27.32 1.96 -0.07	36.99 3.04 -0.51	38.82 3.33 -1.23	39.60 3.69 -2.49	42.01 3.98 -1.39	42.09 4.00 -0.29	43.66 4.15 -1.56	38.98 3.59 0.00	43.52 3.40 -3.25	41.02 3.18 -3.08	34.64 2.38 -3.16	38.78 1.43 -18.57	35.41 1.65 -9.17	34.17 2.22 -3.89	33.01 2.49 -3.92
NYPA_GOWANUS__GT5 24156	21.38 1.17 0.00	22.79 1.23 0.00	21.31 1.17 0.00	18.88 0.98 0.00	19.69 1.03 0.00	21.46 1.12 0.00	22.26 1.18 0.00	24.07 1.07 -3.31	26.38 1.23 -3.65	26.89 1.60 0.00	35.69 2.24 0.00	36.69 2.44 0.00	36.14 2.73 0.00	39.92 3.28 0.00	41.57 3.76 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.23 3.36 0.00	37.82 3.05 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.87 -9.18	34.28 2.33 -3.89	32.71 2.18 -3.94
NYPA_GOWANUS__GT6 24157	21.38 1.17 0.00	22.79 1.23 0.00	21.31 1.17 0.00	18.88 0.98 0.00	19.69 1.03 0.00	21.46 1.12 0.00	22.26 1.18 0.00	24.07 1.07 -3.31	26.38 1.23 -3.65	26.89 1.60 0.00	35.69 2.24 0.00	36.69 2.44 0.00	36.14 2.73 0.00	39.92 3.28 0.00	41.57 3.76 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.23 3.36 0.00	37.82 3.05 0.00	34.91 2.64 -3.16	38.87 1.52 -18.56	35.64 1.87 -9.18	34.28 2.33 -3.89	32.71 2.18 -3.94
NYPA_HARLEM_RVR_GT1 24160	21.29 1.08 0.00	22.70 1.15 0.00	21.23 1.08 0.00	18.82 0.91 0.00	19.62 0.96 0.00	21.39 1.05 0.00	22.19 1.12 0.00	23.99 0.98 -3.31	26.30 1.15 -3.65	26.75 1.47 0.00	35.44 2.00 0.00	36.43 2.17 0.00	35.89 2.48 0.00	39.69 3.06 0.00	41.39 3.59 0.00	41.67 3.72 0.00	38.46 3.06 0.00	39.92 3.05 0.00	37.48 2.72 0.00	34.60 2.34 -3.15	38.68 1.34 -18.56	35.47 1.71 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
NYPA_HARLEM_RVR_GT2 24161	21.29 1.08 0.00	22.70 1.15 0.00	21.23 1.08 0.00	18.82 0.91 0.00	19.62 0.96 0.00	21.39 1.05 0.00	22.19 1.12 0.00	23.99 0.98 -3.31	26.30 1.15 -3.65	26.75 1.47 0.00	35.44 2.00 0.00	36.43 2.17 0.00	35.89 2.48 0.00	39.69 3.06 0.00	41.39 3.59 0.00	41.67 3.72 0.00	38.46 3.06 0.00	39.92 3.05 0.00	37.48 2.72 0.00	34.60 2.34 -3.15	38.68 1.34 -18.56	35.47 1.71 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
NYPA_KENT__GT 24152	21.36 1.15 0.00	22.77 1.22 0.00	21.29 1.15 0.00	18.87 0.96 0.00	19.68 1.02 0.00	21.44 1.10 0.00	22.25 1.18 0.00	24.08 1.08 -3.31	26.38 1.23 -3.65	26.87 1.58 0.00	35.65 2.21 0.00	36.63 2.37 0.00	36.05 2.64 0.00	39.83 3.19 0.00	41.48 3.67 0.00	41.69 3.74 0.00	38.68 3.28 0.00	40.13 3.26 0.00	37.71 2.95 0.00	34.81 2.54 -3.16	38.80 1.46 -18.56	35.57 1.81 -9.17	34.23 2.28 -3.89	32.68 2.14 -3.94
NYPA_POUCH1__GT 24155	21.36 1.16 0.00	22.77 1.22 0.00	21.29 1.15 0.00	18.86 0.95 0.00	19.67 1.01 0.00	21.44 1.10 0.00	22.20 1.12 0.00	23.85 1.00 -3.16	26.07 1.16 -3.41	26.80 1.52 0.00	35.56 2.12 0.00	36.55 2.31 0.01	35.96 2.59 0.04	36.67 3.12 3.09	36.85 3.60 4.55	37.93 3.65 3.67	38.61 3.22 0.01	40.10 3.22 0.00	37.74 2.98 0.00	34.90 2.63 -3.16	38.83 1.48 -18.56	35.58 1.81 -9.18	34.27 2.31 -3.90	32.68 2.14 -3.94
NYPA_VERNON__GT2 24162	21.33 1.12 0.00	22.73 1.18 0.00	21.26 1.12 0.00	18.84 0.93 0.00	19.65 0.99 0.00	21.41 1.07 0.00	22.24 1.16 0.00	24.07 1.07 -3.31	26.37 1.21 -3.65	26.84 1.55 0.00	35.58 2.13 0.00	36.55 2.29 0.00	36.00 2.59 0.00	39.76 3.13 0.00	41.42 3.61 0.00	41.65 3.70 0.00	38.64 3.24 0.00	40.08 3.21 0.00	37.65 2.90 0.00	34.74 2.47 -3.16	38.76 1.42 -18.56	35.51 1.75 -9.17	34.15 2.20 -3.89	32.64 2.10 -3.94

NYPA_VERNON____GT3 24163	21.33 1.12 0.00	22.73 1.18 0.00	21.26 1.12 0.00	18.84 0.93 0.00	19.65 0.99 0.00	21.41 1.07 0.00	22.24 1.16 0.00	24.07 1.07 -3.31	26.37 1.21 -3.65	26.84 1.55 0.00	35.58 2.13 0.00	36.55 2.29 0.00	36.00 2.59 0.00	39.76 3.13 0.00	41.42 3.61 0.00	41.65 3.70 0.00	38.64 3.24 0.00	40.08 3.21 0.00	37.65 2.90 0.00	34.74 2.47 -3.16	38.76 1.42 -18.56	35.51 1.75 -9.17	34.15 2.20 -3.89	32.64 2.10 -3.94
NYPA____ASTORIA_CC1 323568	21.30 1.10 0.00	22.70 1.15 0.00	21.23 1.09 0.00	18.81 0.91 0.00	19.62 0.96 0.00	21.38 1.04 0.00	22.20 1.12 0.00	24.04 1.03 -3.31	26.32 1.17 -3.65	26.79 1.50 0.00	35.51 2.07 0.00	36.48 2.22 0.00	35.93 2.52 0.00	39.69 3.05 0.00	41.35 3.54 0.00	41.58 3.63 0.00	38.55 3.15 0.00	40.00 3.13 0.00	37.57 2.82 0.00	34.69 2.42 -3.15	38.72 1.38 -18.56	35.47 1.70 -9.17	34.10 2.15 -3.89	32.58 2.04 -3.94
NYPA____ASTORIA_CC2 323569	21.30 1.10 0.00	22.70 1.15 0.00	21.23 1.09 0.00	18.81 0.91 0.00	19.62 0.96 0.00	21.38 1.04 0.00	22.20 1.12 0.00	24.04 1.03 -3.31	26.32 1.17 -3.65	26.79 1.50 0.00	35.51 2.07 0.00	36.48 2.22 0.00	35.93 2.52 0.00	39.69 3.05 0.00	41.35 3.54 0.00	41.58 3.63 0.00	38.55 3.15 0.00	40.00 3.13 0.00	37.57 2.82 0.00	34.69 2.42 -3.15	38.72 1.38 -18.56	35.47 1.70 -9.17	34.10 2.15 -3.89	32.58 2.04 -3.94
NYPA____HOLTSVILL 23794	21.60 1.39 0.00	22.91 1.36 0.00	21.65 1.51 0.00	19.18 1.28 0.00	20.07 1.41 0.00	21.81 1.46 0.00	22.57 1.49 0.00	24.02 1.04 -3.29	26.35 1.22 -3.62	27.04 1.68 -0.07	36.57 2.62 -0.51	38.40 2.91 -1.23	39.23 3.33 -2.49	41.77 3.74 -1.39	43.24 3.89 -1.54	50.42 4.05 -8.42	38.85 3.45 0.00	57.74 3.29 -17.58	64.54 3.06 -26.73	34.54 2.27 -3.16	38.71 1.37 -18.57	35.29 1.53 -9.17	33.92 1.97 -3.89	32.76 2.24 -3.92
NYPA____HELLGATE_GT1 24158	21.29 1.08 0.00	22.70 1.15 0.00	21.23 1.08 0.00	18.82 0.91 0.00	19.62 0.96 0.00	21.39 1.05 0.00	22.19 1.12 0.00	23.99 0.98 -3.31	26.30 1.15 -3.65	26.75 1.47 0.00	35.44 2.00 0.00	36.43 2.17 0.00	35.89 2.48 0.00	39.69 3.06 0.00	41.39 3.59 0.00	41.67 3.72 0.00	38.46 3.06 0.00	39.92 3.05 0.00	37.48 2.72 0.00	34.60 2.34 -3.15	38.68 1.34 -18.56	35.48 1.72 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
NYPA____HELLGATE_GT2 24159	21.29 1.08 0.00	22.70 1.15 0.00	21.23 1.08 0.00	18.82 0.91 0.00	19.62 0.96 0.00	21.39 1.05 0.00	22.19 1.12 0.00	23.99 0.98 -3.31	26.30 1.15 -3.65	26.75 1.47 0.00	35.44 2.00 0.00	36.43 2.17 0.00	35.89 2.48 0.00	39.69 3.06 0.00	41.39 3.59 0.00	41.67 3.72 0.00	38.46 3.06 0.00	39.92 3.05 0.00	37.48 2.72 0.00	34.60 2.34 -3.15	38.68 1.34 -18.56	35.48 1.72 -9.17	34.11 2.16 -3.89	32.55 2.01 -3.94
NYS_BARGE____HYD 23848	20.97 0.76 0.00	22.24 0.69 0.00	20.54 0.40 0.00	18.19 0.28 0.00	18.85 0.19 0.00	20.73 0.39 0.00	21.62 0.54 0.00	20.34 0.65 0.00	22.25 0.74 0.00	26.27 0.99 0.00	34.90 1.46 0.00	36.19 1.93 0.00	34.73 1.32 0.00	38.01 1.37 0.00	39.12 1.31 0.00	39.07 1.11 0.00	35.15 1.02 1.27	38.46 1.75 0.16	35.81 1.05 0.00	30.29 0.66 -0.51	22.37 0.57 -3.02	25.98 -0.10 -1.49	28.16 -0.53 -0.63	26.28 -0.46 -0.14
OAK ORCHARD____HYD 24046	20.86 0.65 0.00	22.13 0.57 0.00	20.52 0.37 0.00	18.21 0.30 0.00	18.90 0.24 0.00	20.72 0.38 0.00	21.58 0.50 0.00	20.32 0.63 0.00	22.31 0.80 0.00	26.35 1.07 0.00	34.96 1.52 0.00	36.21 1.95 0.00	35.02 1.61 0.00	38.35 1.83 0.12	39.53 1.90 0.18	39.55 1.90 0.30	35.68 1.82 1.54	38.86 2.39 0.40	36.38 1.86 0.24	30.80 1.34 -0.35	22.20 0.95 -2.47	26.36 0.64 -1.13	28.93 0.38 -0.50	27.05 0.33 -0.12
OAKDALE____35_KV_LOAD 356122	20.46 0.25 0.00	21.85 0.30 0.00	20.38 0.23 0.00	18.11 0.20 0.00	18.89 0.24 0.00	20.61 0.27 0.00	21.45 0.37 0.00	20.08 0.39 0.00	21.98 0.48 0.00	25.92 0.63 0.00	34.32 0.87 0.00	35.41 1.15 0.00	34.39 0.98 0.00	38.21 1.35 -0.22	39.55 1.41 -0.33	39.98 1.47 -0.56	37.06 1.26 -0.40	38.72 1.34 -0.51	36.28 1.08 -0.44	31.21 0.85 -1.25	25.92 0.56 -6.57	28.45 0.45 -3.41	29.88 0.40 -1.42	27.25 0.34 -0.31
OCC_CHEM____DRP 24175	20.68 0.47 0.00	21.93 0.38 0.00	20.26 0.12 0.00	17.95 0.04 0.00	18.59 -0.07 0.00	20.45 0.10 0.00	21.30 0.22 0.00	20.01 0.32 0.00	21.94 0.44 0.00	25.96 0.67 0.00	34.44 0.99 0.00	35.71 1.45 0.00	34.25 0.84 0.00	37.39 0.75 0.00	38.50 0.70 0.00	38.38 0.43 0.00	34.43 0.29 1.26	37.65 0.95 0.17	35.08 0.32 0.00	29.83 0.20 -0.52	22.10 0.22 -3.09	25.62 -0.49 -1.53	27.71 -1.00 -0.65	25.85 -0.90 -0.15
OH_GEN_PROXY 24063	20.71 0.50 0.00	21.97 0.42 0.00	20.31 0.16 0.00	17.99 0.09 0.00	18.65 -0.01 0.00	20.49 0.15 0.00	21.36 0.28 0.00	20.09 0.40 0.00	22.03 0.52 0.00	26.06 0.77 0.00	34.57 1.13 0.00	35.83 1.57 0.00	34.38 0.97 0.00	37.65 1.02 0.00	38.75 0.94 0.00	38.71 0.76 0.00	34.82 1.26 0.17	38.05 1.35 0.00	35.42 0.66 0.00	28.48 0.34 0.97	20.18 0.39 -1.01	27.68 -0.27 -3.36	28.04 -0.66 -0.64	26.17 -0.57 -0.14
OLIN_CORP_DRP 24177	20.74 0.53 0.00	21.98 0.43 0.00	20.30 0.16 0.00	17.98 0.07 0.00	18.64 -0.02 0.00	20.49 0.15 0.00	21.36 0.28 0.00	20.08 0.39 0.00	21.97 0.46 0.00	25.98 0.69 0.00	34.45 1.01 0.00	35.70 1.44 0.00	34.26 0.85 0.00	37.40 0.76 0.00	38.53 0.72 0.00	38.51 0.55 0.00	34.64 0.50 1.26	37.89 1.19 0.17	35.31 0.55 0.00	29.92 0.28 -0.53	22.20 0.29 -3.12	25.68 -0.45 -1.54	27.81 -0.90 -0.65	25.96 -0.79 -0.15
OLIN_CORP_DSASP 323712	20.68 0.47 0.00	21.93 0.38 0.00	20.26 0.12 0.00	17.95 0.04 0.00	18.59 -0.07 0.00	20.45 0.10 0.00	21.30 0.22 0.00	20.01 0.32 0.00	21.94 0.44 0.00	25.96 0.67 0.00	34.46 1.01 0.00	35.72 1.47 0.00	34.27 0.85 0.00	37.44 0.80 0.00	38.50 0.69 0.00	38.38 0.42 0.00	34.46 0.32 1.26	37.71 1.01 0.17	35.10 0.34 0.00	29.81 0.17 -0.52	22.10 0.22 -3.09	25.63 -0.49 -1.53	27.72 -0.99 -0.65	25.86 -0.89 -0.15
ONEIDA_HERK_LFGE 323681	20.47 0.26 0.00	21.73 0.18 0.00	20.27 0.13 0.00	18.04 0.13 0.00	18.82 0.16 0.00	20.59 0.25 0.00	21.41 0.33 0.00	20.01 0.32 0.00	21.87 0.37 0.00	25.73 0.44 0.00	34.18 0.73 0.00	35.18 0.92 0.00	34.90 0.69 -0.81	38.63 0.78 -1.22	55.63 1.03 -16.80	104.04 1.21 -64.87	106.13 1.10 -69.63	99.06 1.25 -60.94	76.21 1.28 -40.17	41.25 0.97 -11.16	26.74 0.56 -7.39	31.45 0.59 -6.27	28.54 0.44 -0.04	26.80 0.20 0.00
ONEIDA____115KV_TB4 55905	20.72 0.51 0.00	22.05 0.50 0.00	20.58 0.44 0.00	18.31 0.40 0.00	19.09 0.43 0.00	20.84 0.50 0.00	21.68 0.60 0.00	20.25 0.55 0.00	22.11 0.61 0.00	26.04 0.75 0.00	34.62 1.18 0.00	35.64 1.38 0.00	34.73 1.32 0.00	38.45 1.62 -0.19	45.42 1.74 -5.87	62.38 1.85 -22.58	60.10 1.69 -23.01	60.01 1.88 -21.26	50.62 1.82 -14.04	34.44 1.48 -3.86	22.25 0.91 -2.55	27.83 0.98 -2.26	29.02 0.91 -0.05	27.32 0.72 0.00

ONONDAGA_REF_OCCRA 23987	20.24 0.04 0.00	21.56 0.00 0.00	20.12 -0.02 0.00	17.91 0.00 0.00	18.65 -0.01 0.00	20.35 0.00 0.00	21.13 0.05 0.00	19.77 0.08 0.00	21.60 0.09 0.00	25.45 0.17 0.00	33.75 0.31 0.00	34.78 0.53 0.00	33.87 0.46 0.00	37.67 0.62 -0.41	39.10 0.68 -0.61	39.71 0.71 -1.04	34.72 0.65 1.33	38.30 0.80 -0.63	36.24 0.66 -0.81	30.23 0.49 -0.63	21.43 0.33 -2.31	26.21 0.17 -1.45	28.65 0.03 -0.56	26.69 -0.01 -0.10
ONONDAGA___COGEN 23986	20.22 0.01 0.00	21.53 -0.02 0.00	20.10 -0.04 0.00	17.88 -0.03 0.00	18.63 -0.03 0.00	20.34 -0.01 0.00	21.10 0.02 0.00	19.76 0.07 0.00	21.59 0.08 0.00	25.44 0.15 0.00	33.72 0.28 0.00	34.71 0.45 0.00	33.77 0.36 0.00	37.71 0.41 -0.66	39.24 0.44 -0.99	40.07 0.43 -1.69	34.98 0.42 0.84	38.64 0.54 -1.23	35.93 0.43 -0.74	29.42 0.28 -0.03	21.23 0.21 -2.24	26.24 0.05 -1.60	28.58 -0.07 -0.59	26.63 -0.07 -0.10
ONTARIO___LFGE 23819	20.69 0.48 0.00	21.98 0.43 0.00	20.42 0.28 0.00	18.16 0.25 0.00	18.94 0.28 0.00	20.70 0.36 0.00	21.58 0.50 0.00	20.29 0.59 0.00	22.25 0.74 0.00	26.21 0.93 0.00	34.74 1.30 0.00	35.99 1.73 0.00	34.88 1.47 0.00	38.73 1.94 -0.16	40.00 1.96 -0.24	40.33 1.97 -0.40	35.99 1.74 1.15	39.02 2.04 -0.11	36.81 1.74 -0.32	31.05 1.35 -0.59	22.64 0.91 -2.95	26.82 0.65 -1.58	29.15 0.44 -0.65	27.09 0.35 -0.14
ORANGEVILLE_WT_PWR 323706	20.77 0.57 0.00	22.04 0.49 0.00	20.35 0.21 0.00	18.07 0.16 0.00	18.80 0.15 0.00	20.59 0.25 0.00	21.47 0.39 0.00	20.20 0.51 0.00	22.26 0.75 0.00	26.35 1.07 0.00	34.94 1.50 0.00	36.31 2.05 0.00	34.88 1.47 0.00	38.47 1.83 0.00	39.54 1.74 0.00	39.55 1.59 0.00	35.46 1.28 1.22	38.39 1.69 0.17	35.84 1.08 0.00	30.47 0.73 -0.63	22.99 0.52 -3.68	26.15 -0.25 -1.82	28.22 -0.61 -0.77	26.24 -0.54 -0.17
ORANGEVILLE___ESR 323794	20.77 0.57 0.00	22.04 0.49 0.00	20.35 0.21 0.00	18.07 0.16 0.00	18.80 0.15 0.00	20.59 0.25 0.00	21.47 0.39 0.00	20.20 0.51 0.00	22.26 0.75 0.00	26.35 1.07 0.00	34.94 1.50 0.00	36.31 2.05 0.00	34.88 1.47 0.00	38.47 1.83 0.00	39.54 1.74 0.00	39.55 1.59 0.00	35.46 1.28 1.22	38.39 1.69 0.17	35.84 1.08 0.00	30.47 0.73 -0.63	22.99 0.52 -3.68	26.15 -0.25 -1.82	28.22 -0.61 -0.77	26.24 -0.54 -0.17
OSWEGATCHIE___HYD 24044	19.91 -0.30 0.00	21.04 -0.52 0.00	19.61 -0.54 0.00	17.43 -0.48 0.00	18.18 -0.47 0.00	19.91 -0.43 0.00	20.73 -0.34 0.00	19.44 -0.25 0.00	21.27 -0.24 0.00	24.93 -0.36 0.00	32.90 -0.55 0.00	33.70 -0.56 0.00	36.26 -0.97 -3.83	40.60 -1.33 -5.29	11.31 -1.52 24.98	-76.17 -1.49 112.64	-148.96 -1.46 182.91	-91.86 -1.44 127.28	-43.58 -1.16 77.17	2.97 -0.93 25.21	6.07 -0.61 12.11	14.00 -0.63 9.96	27.43 -0.68 -0.06	25.72 -0.88 0.00
OSWEGO___5 23606	19.86 -0.35 0.00	21.15 -0.41 0.00	19.75 -0.40 0.00	17.58 -0.33 0.00	18.31 -0.35 0.00	19.97 -0.38 0.00	20.71 -0.37 0.00	19.38 -0.31 0.00	21.17 -0.33 0.00	24.93 -0.35 0.00	33.02 -0.42 0.00	33.98 -0.28 0.00	33.08 -0.33 0.00	39.31 -0.30 -2.97	41.92 -0.35 -4.46	45.19 -0.34 -7.58	39.09 -0.31 -3.99	43.35 -0.22 -6.70	40.41 -0.28 -5.93	30.69 -0.30 -1.87	19.45 -0.17 -0.84	26.80 -0.42 -2.64	28.17 -0.61 -0.72	26.00 -0.60 0.00
OSWEGO___6 23613	19.86 -0.35 0.00	21.15 -0.41 0.00	19.75 -0.40 0.00	17.58 -0.33 0.00	18.31 -0.35 0.00	19.97 -0.38 0.00	20.71 -0.37 0.00	19.38 -0.31 0.00	21.17 -0.33 0.00	24.93 -0.35 0.00	33.02 -0.42 0.00	33.98 -0.28 0.00	33.08 -0.33 0.00	39.31 -0.30 -2.97	41.92 -0.35 -4.46	45.19 -0.34 -7.58	39.09 -0.31 -3.99	43.35 -0.22 -6.70	40.41 -0.28 -5.93	30.69 -0.30 -1.87	19.45 -0.17 -0.84	26.80 -0.42 -2.64	28.17 -0.61 -0.72	26.00 -0.60 0.00
OUTOKUMPU-AB___DRP 24206	21.12 0.91 0.00	22.40 0.85 0.00	20.69 0.55 0.00	18.32 0.41 0.00	18.99 0.34 0.00	20.89 0.55 0.00	21.78 0.70 0.00	20.48 0.79 0.00	22.47 0.97 0.00	26.58 1.29 0.00	35.33 1.89 0.00	36.65 2.39 0.00	35.12 1.70 0.00	38.39 1.75 0.00	39.52 1.72 0.00	39.47 1.52 0.00	35.51 1.36 1.26	38.76 2.06 0.17	36.06 1.30 0.00	30.56 0.91 -0.53	22.63 0.70 -3.15	26.20 0.06 -1.55	28.41 -0.31 -0.66	26.50 -0.25 -0.15
OXBOW____ 24026	20.97 0.76 0.00	22.24 0.68 0.00	20.54 0.40 0.00	18.19 0.28 0.00	18.85 0.19 0.00	20.73 0.39 0.00	21.60 0.52 0.00	20.28 0.59 0.00	22.23 0.73 0.00	26.24 0.95 0.00	34.84 1.40 0.00	36.13 1.87 0.00	34.65 1.24 0.00	37.89 1.25 0.00	38.94 1.14 0.00	38.85 0.89 0.00	34.95 0.81 1.26	38.20 1.49 0.17	35.50 0.75 0.00	30.11 0.47 -0.53	22.34 0.44 -3.12	25.89 -0.24 -1.54	28.02 -0.69 -0.65	26.13 -0.62 -0.15
OXY_CHEM_DSASP 323612	20.68 0.47 0.00	21.93 0.38 0.00	20.26 0.12 0.00	17.95 0.04 0.00	18.59 -0.07 0.00	20.45 0.10 0.00	21.30 0.22 0.00	20.01 0.32 0.00	21.94 0.44 0.00	25.96 0.67 0.00	34.44 0.99 0.00	35.71 1.45 0.00	34.25 0.84 0.00	37.39 0.75 0.00	38.50 0.70 0.00	38.38 0.43 0.00	34.43 0.29 1.26	37.65 0.95 0.17	35.08 0.32 0.00	29.83 0.20 -0.52	22.10 0.22 -3.09	25.62 -0.49 -1.53	27.71 -1.00 -0.65	25.85 -0.90 -0.15
OZONE_PARK_ESR 323760	21.57 1.36 0.00	22.98 1.43 0.00	21.47 1.33 0.00	19.03 1.12 0.00	19.84 1.19 0.00	21.62 1.28 0.00	22.47 1.39 0.00	24.31 1.30 -3.32	26.63 1.47 -3.65	27.17 1.88 0.00	36.08 2.63 0.00	37.08 2.82 0.00	36.52 3.11 0.00	40.37 3.73 0.00	42.08 4.27 0.00	42.32 4.37 0.00	39.30 3.90 0.00	40.78 3.91 0.00	38.33 3.57 0.00	35.21 2.95 -3.15	39.11 1.77 -18.56	35.94 2.18 -9.17	34.58 2.63 -3.89	33.01 2.46 -3.94
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.68 0.47 0.00	21.93 0.38 0.00	20.26 0.12 0.00	17.95 0.04 0.00	18.59 -0.07 0.00	20.45 0.10 0.00	21.30 0.22 0.00	20.01 0.32 0.00	21.94 0.44 0.00	25.96 0.67 0.00	34.44 0.99 0.00	35.71 1.45 0.00	34.25 0.84 0.00	37.39 0.75 0.00	38.50 0.70 0.00	38.38 0.43 0.00	34.43 0.29 1.26	37.65 0.95 0.17	35.08 0.32 0.00	29.83 0.20 -0.52	22.10 0.22 -3.09	25.62 -0.49 -1.53	27.71 -1.00 -0.65	25.85 -0.90 -0.15
PACKARD___115KV_DUPONT_184 80571	20.68 0.47 0.00	21.93 0.38 0.00	20.26 0.12 0.00	17.95 0.04 0.00	18.59 -0.07 0.00	20.45 0.10 0.00	21.30 0.22 0.00	20.01 0.32 0.00	21.94 0.44 0.00	25.96 0.67 0.00	34.44 0.99 0.00	35.71 1.45 0.00	34.25 0.84 0.00	37.39 0.75 0.00	38.50 0.70 0.00	38.38 0.43 0.00	34.43 0.29 1.26	37.65 0.95 0.17	35.08 0.32 0.00	29.83 0.20 -0.52	22.10 0.22 -3.09	25.62 -0.49 -1.53	27.71 -1.00 -0.65	25.85 -0.90 -0.15
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.27 1.07 0.00	22.70 1.14 0.00	21.22 1.08 0.00	18.82 0.91 0.00	19.62 0.96 0.00	21.40 1.06 0.00	22.20 1.13 0.00	24.00 1.00 -3.31	26.30 1.15 -3.65	26.73 1.45 0.00	35.47 2.03 0.00	36.47 2.21 0.00	35.96 2.55 0.00	39.75 3.11 0.00	41.38 3.57 0.00	41.64 3.69 0.00	38.53 3.13 0.00	40.00 3.13 0.00	37.57 2.82 0.00	34.67 2.41 -3.15	38.73 1.39 -18.56	35.52 1.75 -9.17	34.12 2.17 -3.89	32.54 2.00 -3.94

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.35 1.14 0.00	22.77 1.22 0.00	21.30 1.16 0.00	18.88 0.98 0.00	19.70 1.04 0.00	21.48 1.14 0.00	22.29 1.21 0.00	24.06 1.06 -3.31	26.39 1.24 -3.65	26.83 1.54 0.00	35.78 2.33 0.00	36.81 2.55 0.00	36.28 2.87 0.00	40.16 3.52 0.00	41.84 4.03 0.00	41.98 4.02 0.00	38.77 3.37 0.00	40.24 3.37 0.00	37.83 3.07 0.00	34.88 2.61 -3.15	38.86 1.52 -18.56	35.71 1.95 -9.17	34.34 2.39 -3.89	32.74 2.20 -3.94
PATROON__115KV_TB1 80586	20.69 0.49 0.00	22.19 0.63 0.00	20.83 0.69 0.00	18.51 0.60 0.00	19.29 0.64 0.00	20.99 0.65 0.00	21.71 0.63 0.00	20.93 0.48 -0.75	22.80 0.47 -0.83	25.77 0.48 0.00	34.09 0.64 0.00	34.93 0.67 0.00	34.40 0.98 0.00	37.92 1.29 0.00	39.36 1.55 0.00	39.43 1.47 0.00	36.80 1.40 0.00	38.26 1.38 0.00	36.17 1.41 0.00	38.12 1.27 -7.75	65.16 0.78 -45.59	48.09 0.97 -22.53	38.79 1.17 -9.56	30.53 1.08 -2.85
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.04 0.83 0.00	22.32 0.77 0.00	20.64 0.50 0.00	18.29 0.38 0.00	18.98 0.33 0.00	20.85 0.51 0.00	21.77 0.70 0.00	20.53 0.83 0.00	22.55 1.04 0.00	26.70 1.41 0.00	35.47 2.03 0.00	36.85 2.59 0.00	35.40 1.98 0.00	38.90 2.26 0.00	40.08 2.27 0.00	40.08 2.13 0.00	36.05 1.89 1.23	39.20 2.49 0.17	36.47 1.71 0.00	30.91 1.22 -0.58	23.11 0.90 -3.42	26.63 0.35 -1.69	28.83 0.06 -0.72	26.84 0.08 -0.16
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.35 1.14 0.00	22.79 1.24 0.00	21.30 1.16 0.00	18.90 0.99 0.00	19.71 1.05 0.00	21.47 1.14 0.00	22.31 1.23 0.00	22.04 1.11 -1.24	24.11 1.24 -1.36	26.87 1.58 0.00	35.71 2.27 0.00	36.75 2.49 0.00	36.22 2.81 0.00	40.06 3.42 0.00	41.72 3.91 0.00	41.94 3.98 0.00	39.03 3.63 0.00	40.56 3.69 0.00	38.16 3.41 0.00	35.13 2.80 -3.22	39.38 1.68 -18.92	36.00 2.06 -9.35	34.41 2.38 -3.97	30.82 2.20 -2.02
PEEKSKILL____ 23653	21.11 0.90 0.00	22.53 0.98 0.00	21.07 0.93 0.00	18.68 0.77 0.00	19.48 0.83 0.00	21.22 0.88 0.00	22.03 0.95 0.00	24.40 0.86 -3.86	26.69 0.94 -4.24	26.52 1.23 0.00	35.23 1.78 0.00	36.22 1.96 0.00	35.66 2.25 0.00	39.39 2.75 0.00	41.02 3.21 0.00	41.23 3.28 0.00	38.35 2.95 0.00	39.81 2.94 0.00	37.45 2.69 0.00	34.44 2.22 -3.11	38.42 1.32 -18.31	35.25 1.61 -9.05	33.83 1.94 -3.84	32.82 1.79 -4.43
PGE MADISON__WINDPWR 24146	21.70 1.49 0.00	23.05 1.49 0.00	21.48 1.33 0.00	19.11 1.20 0.00	19.98 1.32 0.00	21.89 1.55 0.00	22.90 1.82 0.00	21.42 1.73 0.00	23.41 1.90 0.00	27.53 2.24 0.00	36.42 2.98 0.00	37.57 3.31 0.00	36.52 3.11 0.00	40.67 3.78 -0.25	42.03 3.84 -0.37	42.55 3.96 -0.64	39.58 3.73 -0.45	41.49 4.04 -0.58	39.31 4.05 -0.50	33.90 3.35 -1.44	28.50 2.10 -7.62	30.93 2.38 -3.95	31.89 2.19 -1.64	28.80 1.85 -0.36
PIERCEFIELD__HYD 23852	19.65 -0.56 0.00	20.80 -0.76 0.00	19.42 -0.73 0.00	17.19 -0.72 0.00	17.92 -0.73 0.00	19.59 -0.76 0.00	20.36 -0.72 0.00	19.13 -0.57 0.00	20.94 -0.57 0.00	24.52 -0.77 0.00	32.27 -1.17 0.00	32.81 -1.45 0.00	37.29 -1.75 -5.62	42.00 -2.18 -7.54	21.82 -2.45 13.54	-37.61 -2.78 72.79	-122.23 -2.81 154.83	-62.65 -2.91 96.61	-22.78 -2.60 54.93	7.01 -2.10 20.00	10.24 -1.25 7.29	17.46 -1.12 6.01	26.94 -1.15 -0.03	25.45 -1.15 0.00
PINELAWN_CC_1 323563	21.62 1.41 0.00	22.95 1.40 0.00	21.59 1.44 0.00	19.10 1.20 0.00	19.98 1.32 0.00	21.75 1.41 0.00	22.54 1.46 0.00	24.17 1.19 -3.29	26.53 1.41 -3.62	27.25 1.89 -0.07	36.81 2.86 -0.51	38.37 2.89 -1.23	39.05 3.15 -2.49	41.48 3.45 -1.39	41.45 3.56 -0.09	42.18 3.75 -0.48	38.65 3.25 0.00	40.96 3.09 -1.00	38.57 2.87 -0.95	34.43 2.17 -3.16	38.63 1.28 -18.57	35.33 1.56 -9.17	33.99 2.04 -3.89	32.96 2.45 -3.92
PJM_GEN_HTP_PROXY 323702	21.26 1.06 0.00	22.67 1.12 0.00	21.20 1.06 0.00	18.79 0.88 0.00	19.59 0.94 0.00	21.34 1.00 0.00	22.18 1.09 0.00	24.02 1.01 -3.32	26.30 1.15 -3.65	26.78 1.50 0.00	35.55 2.11 0.00	36.53 2.27 0.00	35.98 2.57 0.00	39.75 3.11 0.00	41.39 3.61 0.03	41.64 3.69 0.00	39.07 3.25 -0.42	40.10 3.23 0.00	37.69 2.94 0.00	34.69 2.42 -3.15	37.87 1.43 -17.66	35.52 1.76 -9.17	34.10 2.15 -3.89	32.57 2.03 -3.94
PJM_GEN_KEystone 24065	20.67 0.47 0.00	22.07 0.52 0.00	20.55 0.41 0.00	15.43 0.32 2.80	15.07 0.34 3.93	16.31 0.41 4.44	21.60 0.53 0.00	15.30 0.55 4.95	16.64 0.65 5.52	26.21 0.92 0.00	34.74 1.30 0.00	35.86 1.60 0.00	34.89 1.48 0.00	38.43 1.91 0.12	39.79 2.13 0.15	39.92 2.16 0.18	36.51 1.87 0.76	38.66 1.97 0.18	36.30 1.55 0.00	32.25 1.20 -1.94	30.09 0.77 -10.54	30.90 0.66 -5.65	31.18 0.73 -2.40	23.40 0.68 3.88
PJM_GEN_NEPTUNE_PROXY 323594	21.32 1.11 0.00	22.66 1.11 0.00	21.28 1.14 0.00	18.85 0.94 0.00	19.71 1.05 0.00	21.45 1.11 0.00	22.24 1.16 0.00	23.92 0.94 -3.29	26.22 1.10 -3.62	26.88 1.52 -0.07	36.26 2.31 -0.51	37.99 2.50 -1.23	38.71 2.81 -2.49	41.23 3.21 -1.39	41.30 3.52 0.03	41.61 3.65 0.00	38.92 3.10 -0.42	39.85 2.98 0.00	37.48 2.72 0.00	34.37 2.10 -3.16	37.69 1.24 -17.67	35.24 1.47 -9.17	33.83 1.88 -3.89	32.58 2.07 -3.92
PJM_GEN_VFT_PROXY 323633	21.14 0.94 0.00	22.54 0.99 0.00	21.08 0.94 0.00	18.69 0.78 0.00	19.49 0.84 0.00	21.22 0.88 0.00	22.01 0.96 0.03	21.47 0.89 -0.88	22.43 1.02 0.10	26.64 1.35 0.00	35.37 1.92 0.00	36.35 2.09 0.00	35.80 2.39 0.00	37.81 2.90 1.73	39.52 3.39 1.68	38.79 3.46 2.62	38.89 3.07 -0.42	39.90 3.03 0.00	37.55 2.79 0.00	34.58 2.31 -3.15	37.81 1.36 -17.66	35.41 1.64 -9.17	33.98 2.03 -3.89	32.46 1.92 -3.94
PLATSBRG_115KV_PMLD1 355749	20.69 0.49 0.00	21.73 0.17 0.00	20.10 -0.04 0.00	17.67 -0.24 0.00	18.38 -0.27 0.00	19.95 -0.40 0.00	20.71 -0.37 0.00	19.66 -0.03 0.00	21.78 0.28 0.00	25.28 -0.01 0.00	32.54 -0.91 0.00	32.51 -1.75 0.00	-4.44 -2.58 35.27	-13.03 -3.08 46.59	0.89 -3.27 33.64	-14.63 -3.12 49.46	-22.58 -2.72 55.26	-28.31 -2.60 62.59	2.64 -2.46 29.66	23.46 -1.88 3.78	13.97 -1.18 3.64	20.24 -1.31 3.04	26.82 -1.24 0.00	26.14 -0.46 0.00
PLEASANTVLY__LBMP 24000	21.01 0.80 0.00	22.46 0.90 0.00	21.02 0.88 0.00	18.64 0.74 0.00	19.45 0.79 0.00	21.18 0.84 0.00	21.97 0.89 0.00	21.99 0.77 -1.53	24.02 0.83 -1.69	26.34 1.06 0.00	34.97 1.53 0.00	35.93 1.67 0.00	35.39 1.97 0.00	39.06 2.42 0.00	40.63 2.82 0.00	40.80 2.85 0.00	37.96 2.56 0.00	39.42 2.55 0.00	37.14 2.38 0.00	34.44 2.00 -3.33	39.59 1.19 -19.62	35.76 1.47 -9.69	33.94 1.78 -4.11	30.61 1.67 -2.34
PLSNTVLE_13_KV_13.8KVDIST 80602	21.20 1.00 0.00	22.63 1.08 0.00	21.16 1.02 0.00	18.77 0.86 0.00	19.57 0.92 0.00	21.32 0.98 0.00	22.14 1.06 0.00	23.26 0.97 -2.60	25.41 1.05 -2.86	26.66 1.37 0.00	35.40 1.96 0.00	36.40 2.14 0.00	35.85 2.43 0.00	39.61 2.97 0.00	41.24 3.43 0.00	41.43 3.48 0.00	38.53 3.13 0.00	40.00 3.13 0.00	37.65 2.88 0.00	34.67 2.38 -3.19	38.93 1.41 -18.73	35.58 1.73 -9.26	34.06 2.08 -3.93	31.82 1.94 -3.28

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.20 1.00 0.00	22.63 1.08 0.00	21.16 1.02 0.00	18.77 0.86 0.00	19.57 0.92 0.00	21.32 0.98 0.00	22.14 1.06 0.00	23.26 0.97 -2.60	25.41 1.05 -2.86	26.66 1.37 0.00	35.40 1.96 0.00	36.40 2.14 0.00	35.85 2.43 0.00	39.61 2.97 0.00	41.24 3.43 0.00	41.43 3.48 0.00	38.53 3.13 0.00	40.00 3.13 0.00	37.65 2.88 0.00	34.67 2.38 -3.19	38.93 1.41 -18.73	35.58 1.73 -9.26	34.06 2.08 -3.93	31.82 1.94 -3.28
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.19 0.98 0.00	22.63 1.08 0.00	21.18 1.04 0.00	18.79 0.88 0.00	19.59 0.93 0.00	21.35 1.01 0.00	22.16 1.08 0.00	21.44 0.95 -0.80	23.46 1.07 -0.88	26.65 1.36 0.00	35.41 1.97 0.00	36.38 2.12 0.00	35.85 2.44 0.00	39.63 2.99 0.00	41.27 3.47 0.00	41.38 3.43 0.00	38.54 3.14 0.00	40.06 3.19 0.00	37.75 3.00 0.00	34.92 2.50 -3.31	39.76 1.48 -19.49	36.06 1.84 -9.63	34.29 2.14 -4.09	30.22 1.98 -1.64
POLETTI____ 23519	21.26 1.05 0.00	22.67 1.12 0.00	21.19 1.05 0.00	18.78 0.88 0.00	19.59 0.93 0.00	21.34 1.00 0.00	22.16 1.08 0.00	24.01 1.01 -3.32	26.29 1.13 -3.65	26.76 1.47 0.00	35.51 2.07 0.00	36.49 2.23 0.00	35.94 2.53 0.00	39.71 3.07 0.00	41.38 3.57 0.00	41.62 3.66 0.00	38.63 3.23 0.00	40.07 3.20 0.00	37.67 2.91 0.00	34.69 2.42 -3.15	38.76 1.42 -18.56	35.50 1.74 -9.17	34.09 2.14 -3.89	32.56 2.02 -3.94
POMONA____ESR 323819	21.05 0.84 0.00	22.46 0.91 0.00	21.01 0.86 0.00	18.63 0.72 0.00	19.43 0.77 0.00	21.16 0.82 0.00	21.96 0.88 0.00	16.03 0.79 4.45	17.46 0.86 4.90	26.45 1.16 0.00	35.13 1.69 0.00	36.15 1.90 0.00	35.62 2.21 0.00	39.35 2.71 0.00	40.98 3.18 0.00	41.21 3.25 0.00	38.33 2.93 0.00	39.80 2.93 0.00	37.42 2.66 0.00	34.30 2.18 -3.01	37.78 1.30 -17.70	34.91 1.57 -8.75	33.64 1.87 -3.71	25.01 1.70 3.28
PORT_JEFF_3 23555	21.60 1.39 0.00	22.90 1.35 0.00	21.65 1.51 0.00	19.18 1.27 0.00	20.06 1.41 0.00	21.78 1.44 0.00	22.53 1.45 0.00	23.99 1.02 -3.29	26.34 1.21 -3.62	27.03 1.68 -0.07	36.62 2.67 -0.51	38.46 2.98 -1.23	39.32 3.42 -2.49	41.87 3.84 -1.39	43.52 4.02 -1.69	51.32 4.13 -9.23	38.80 3.39 0.00	59.34 3.18 -19.29	68.71 2.95 -30.99	34.45 2.18 -3.16	38.64 1.30 -18.57	35.20 1.44 -9.17	33.89 1.94 -3.89	32.75 2.24 -3.92
PORT_JEFF_4 23616	21.60 1.39 0.00	22.90 1.35 0.00	21.65 1.51 0.00	19.18 1.27 0.00	20.06 1.41 0.00	21.78 1.44 0.00	22.53 1.45 0.00	23.99 1.02 -3.29	26.34 1.21 -3.62	27.03 1.68 -0.07	36.62 2.67 -0.51	38.46 2.98 -1.23	39.32 3.42 -2.49	41.87 3.84 -1.39	43.52 4.02 -1.69	51.32 4.13 -9.23	38.80 3.39 0.00	59.34 3.18 -19.29	68.71 2.95 -30.99	34.45 2.18 -3.16	38.64 1.30 -18.57	35.20 1.44 -9.17	33.89 1.94 -3.89	32.75 2.24 -3.92
PORT_JEFF_IC 23713	21.64 1.44 0.00	22.96 1.41 0.00	21.70 1.56 0.00	19.22 1.31 0.00	20.11 1.45 0.00	21.84 1.50 0.00	22.60 1.52 0.00	24.05 1.07 -3.29	26.40 1.27 -3.62	27.11 1.75 -0.07	36.69 2.74 -0.51	38.56 3.07 -1.23	39.42 3.52 -2.49	42.02 3.99 -1.39	44.21 4.18 -2.22	54.37 4.31 -12.10	38.84 3.44 -0.01	65.41 3.25 -25.28	83.57 3.03 -45.78	34.50 2.23 -3.16	38.67 1.32 -18.57	35.24 1.47 -9.17	34.01 2.06 -3.89	32.85 2.34 -3.92
PPL PILGRIM_ST_GT1 24216	21.70 1.50 0.00	23.03 1.47 0.00	21.69 1.55 0.00	19.20 1.29 0.00	20.09 1.43 0.00	21.86 1.52 0.00	22.64 1.56 0.00	24.21 1.23 -3.29	26.59 1.47 -3.62	27.32 1.96 -0.07	36.99 3.04 -0.51	38.82 3.33 -1.23	39.60 3.69 -2.49	42.01 3.98 -1.39	42.09 4.00 -0.29	43.66 4.15 -1.56	38.98 3.59 0.00	43.52 3.40 -3.25	41.02 3.18 -3.08	34.64 2.38 -3.16	38.78 1.43 -18.57	35.41 1.65 -9.17	34.17 2.22 -3.89	33.01 2.49 -3.92
PPL PILGRIM_ST_GT2 24217	21.70 1.50 0.00	23.03 1.47 0.00	21.69 1.55 0.00	19.20 1.29 0.00	20.09 1.43 0.00	21.86 1.52 0.00	22.64 1.56 0.00	24.21 1.23 -3.29	26.59 1.47 -3.62	27.32 1.96 -0.07	36.99 3.04 -0.51	38.82 3.33 -1.23	39.60 3.69 -2.49	42.01 3.98 -1.39	42.09 4.00 -0.29	43.66 4.15 -1.56	38.98 3.59 0.00	43.52 3.40 -3.25	41.02 3.18 -3.08	34.64 2.38 -3.16	38.78 1.43 -18.57	35.41 1.65 -9.17	34.17 2.22 -3.89	33.01 2.49 -3.92
PPL_SHRM_GT3 24213	21.60 1.39 0.00	22.90 1.34 0.00	21.85 1.70 0.00	19.42 1.51 0.00	20.31 1.65 0.00	22.05 1.71 0.00	22.82 1.74 0.00	23.93 0.95 -3.29	26.24 1.12 -3.62	26.91 1.55 -0.07	36.40 2.45 -0.51	38.27 2.79 -1.23	39.19 3.29 -2.49	41.82 3.79 -1.39	43.57 3.98 -1.78	51.69 4.01 -9.73	38.84 3.44 -0.01	60.53 3.35 -20.32	71.75 3.25 -33.74	34.65 2.39 -3.16	38.82 1.47 -18.57	35.34 1.57 -9.17	33.89 1.95 -3.89	32.72 2.21 -3.92
PPL_SHRM_GT4 24214	21.60 1.39 0.00	22.90 1.34 0.00	21.85 1.70 0.00	19.42 1.51 0.00	20.31 1.65 0.00	22.05 1.71 0.00	22.82 1.74 0.00	23.93 0.95 -3.29	26.24 1.12 -3.62	26.91 1.55 -0.07	36.40 2.45 -0.51	38.27 2.79 -1.23	39.19 3.29 -2.49	41.82 3.79 -1.39	43.57 3.98 -1.78	51.69 4.01 -9.73	38.84 3.44 -0.01	60.53 3.35 -20.32	71.75 3.25 -33.74	34.65 2.39 -3.16	38.82 1.47 -18.57	35.34 1.57 -9.17	33.89 1.95 -3.89	32.72 2.21 -3.92
PROJECT___ORANGE 1 24174	20.13 -0.07 0.00	21.44 -0.12 0.00	20.01 -0.13 0.00	17.81 -0.10 0.00	18.54 -0.11 0.00	20.23 -0.11 0.00	21.00 -0.08 0.00	19.65 -0.04 0.00	21.46 -0.05 0.00	25.30 0.01 0.00	33.57 0.12 0.00	34.60 0.34 0.00	33.69 0.28 0.00	37.39 0.43 -0.32	38.78 0.48 -0.48	39.28 0.51 -0.82	34.17 0.46 1.69	37.88 0.61 -0.40	35.85 0.45 -0.64	29.92 0.30 -0.51	20.89 0.21 -1.90	25.77 0.00 -1.18	28.35 -0.17 -0.46	26.49 -0.20 -0.08
PROJECT___ORANGE 2 24166	20.13 -0.07 0.00	21.44 -0.12 0.00	20.01 -0.13 0.00	17.81 -0.10 0.00	18.54 -0.11 0.00	20.23 -0.11 0.00	21.00 -0.08 0.00	19.65 -0.04 0.00	21.46 -0.05 0.00	25.30 0.01 0.00	33.57 0.12 0.00	34.60 0.34 0.00	33.69 0.28 0.00	37.39 0.43 -0.32	38.78 0.48 -0.48	39.28 0.51 -0.82	34.17 0.46 1.69	37.88 0.61 -0.40	35.85 0.45 -0.64	29.92 0.30 -0.51	20.89 0.21 -1.90	25.77 0.00 -1.18	28.35 -0.17 -0.46	26.49 -0.20 -0.08
PUCKETT___SOLAR 323809	20.77 0.56 0.00	22.17 0.61 0.00	20.66 0.52 0.00	18.37 0.46 0.00	19.17 0.52 0.00	20.93 0.59 0.00	21.80 0.72 0.00	20.40 0.71 0.00	22.28 0.77 0.00	26.17 0.89 0.00	34.59 1.15 0.00	35.73 1.47 0.00	34.62 1.21 0.00	38.49 1.63 -0.22	39.81 1.67 -0.33	40.36 1.84 -0.56	37.47 1.67 -0.40	39.26 1.87 -0.52	36.93 1.73 -0.44	31.93 1.46 -1.37	27.02 0.96 -7.28	29.31 0.96 -3.76	30.53 0.91 -1.57	27.72 0.78 -0.34
PYRITES___HYD 24023	20.07 -0.14 0.00	21.26 -0.30 0.00	19.82 -0.32 0.00	17.56 -0.35 0.00	18.32 -0.34 0.00	20.06 -0.28 0.00	20.87 -0.21 0.00	19.60 -0.09 0.00	21.41 -0.10 0.00	25.09 -0.20 0.00	33.19 -0.25 0.00	33.78 -0.48 0.00	37.66 -0.81 -5.06	42.33 -1.11 -6.79	23.35 -1.40 13.06	-33.42 -1.84 69.53	-121.35 -2.04 154.70	-59.62 -2.11 94.37	-20.36 -1.78 53.33	7.79 -1.40 19.93	11.07 -0.79 6.92	18.38 -0.50 5.71	27.56 -0.50 0.00	26.09 -0.51 0.00

QUAKERRD_115KV_BK1 80622	20.18 -0.03 0.00	21.42 -0.14 0.00	19.89 -0.26 0.00	17.66 -0.25 0.00	18.35 -0.31 0.00	20.10 -0.24 0.00	20.91 -0.16 0.00	19.62 -0.07 0.00	21.47 -0.04 0.00	25.37 0.08 0.00	33.67 0.23 0.00	34.83 0.57 0.00	33.74 0.33 0.00	36.94 0.43 0.13	38.11 0.50 0.20	38.11 0.49 0.33	34.30 0.47 1.57	37.17 0.89 0.59	35.04 0.55 0.26	29.71 0.27 -0.33	21.37 0.23 -2.36	25.48 -0.18 -1.07	28.00 -0.52 -0.47	26.18 -0.54 -0.11
QUENSBRY_115KV_TB8 356137	21.46 1.25 0.00	22.91 1.35 0.00	21.44 1.30 0.00	19.03 1.12 0.00	19.86 1.20 0.00	21.66 1.31 0.00	22.46 1.38 0.00	21.53 1.11 -0.73	23.42 1.11 -0.80	26.55 1.27 0.00	34.99 1.55 0.00	36.02 1.76 0.00	35.54 2.13 0.00	39.10 2.46 0.00	40.51 2.70 0.00	40.87 2.92 0.00	38.43 3.03 0.00	40.07 3.20 0.00	38.21 3.45 0.00	42.08 2.85 -10.12	80.14 1.83 -59.53	56.34 2.33 -29.42	43.02 2.48 -12.48	32.35 2.26 -3.48
RAMAPO___LBMP 323565	20.99 0.78 0.00	22.41 0.85 0.00	20.95 0.80 0.00	18.57 0.67 0.00	19.37 0.72 0.00	21.11 0.76 0.00	21.90 0.82 0.00	16.16 0.74 4.27	17.60 0.79 4.70	26.35 1.07 0.00	35.01 1.57 0.00	36.00 1.74 0.00	35.46 2.04 0.00	39.16 2.52 0.00	40.76 2.96 0.00	40.97 3.02 0.00	38.13 2.73 0.00	39.59 2.72 0.00	37.24 2.48 0.00	34.14 2.03 -3.00	37.62 1.22 -17.62	34.77 1.47 -8.71	33.52 1.76 -3.70	25.09 1.60 3.12
RANKINE____ 23646	21.08 0.87 0.00	22.36 0.81 0.00	20.66 0.52 0.00	18.31 0.40 0.00	19.00 0.34 0.00	20.87 0.53 0.00	21.78 0.71 0.00	20.52 0.82 0.00	22.54 1.04 0.00	26.69 1.40 0.00	35.45 2.01 0.00	36.84 2.58 0.00	35.36 1.95 0.00	38.85 2.21 0.00	40.01 2.21 0.00	40.04 2.08 0.00	36.01 1.86 1.24	39.17 2.47 0.17	36.45 1.69 0.00	30.87 1.20 -0.57	23.01 0.88 -3.35	26.53 0.29 -1.65	28.70 -0.06 -0.70	26.72 -0.04 -0.16
RAVENSWOOD_GT2_1 24244	21.30 1.09 0.00	22.71 1.16 0.00	21.23 1.09 0.00	18.82 0.91 0.00	19.63 0.97 0.00	21.38 1.04 0.00	22.20 1.13 0.00	24.05 1.04 -3.31	26.33 1.18 -3.65	26.81 1.52 0.00	35.58 2.14 0.00	36.56 2.30 0.00	36.00 2.59 0.00	39.78 3.15 0.00	41.45 3.65 0.00	41.67 3.72 0.00	38.68 3.28 0.00	40.13 3.26 0.00	37.72 2.96 0.00	34.72 2.45 -3.15	38.79 1.45 -18.56	35.54 1.78 -9.17	34.13 2.18 -3.89	32.60 2.06 -3.94
RAVENSWOOD_GT2_2 24245	21.30 1.09 0.00	22.71 1.16 0.00	21.23 1.09 0.00	18.82 0.91 0.00	19.63 0.97 0.00	21.38 1.04 0.00	22.20 1.13 0.00	24.05 1.04 -3.31	26.33 1.18 -3.65	26.81 1.52 0.00	35.58 2.14 0.00	36.56 2.30 0.00	36.00 2.59 0.00	39.78 3.15 0.00	41.45 3.65 0.00	41.67 3.72 0.00	38.68 3.28 0.00	40.13 3.26 0.00	37.72 2.96 0.00	34.72 2.45 -3.15	38.79 1.45 -18.56	35.54 1.78 -9.17	34.13 2.18 -3.89	32.60 2.06 -3.94
RAVENSWOOD_GT2_3 24246	21.31 1.10 0.00	22.72 1.16 0.00	21.24 1.10 0.00	18.83 0.92 0.00	19.64 0.98 0.00	21.39 1.05 0.00	22.22 1.14 0.00	24.06 1.05 -3.31	26.34 1.19 -3.65	26.83 1.54 0.00	35.60 2.16 0.00	36.59 2.33 0.00	36.03 2.62 0.00	39.81 3.17 0.00	41.48 3.67 0.00	41.70 3.75 0.00	38.71 3.31 0.00	40.16 3.30 0.00	37.75 3.00 0.00	34.75 2.48 -3.15	38.80 1.46 -18.56	35.56 1.79 -9.17	34.15 2.20 -3.89	32.62 2.08 -3.94
RAVENSWOOD_GT2_4 24247	21.31 1.10 0.00	22.72 1.16 0.00	21.24 1.10 0.00	18.83 0.92 0.00	19.64 0.98 0.00	21.39 1.05 0.00	22.22 1.14 0.00	24.06 1.05 -3.31	26.34 1.19 -3.65	26.83 1.54 0.00	35.60 2.16 0.00	36.59 2.33 0.00	36.03 2.62 0.00	39.81 3.17 0.00	41.48 3.67 0.00	41.70 3.75 0.00	38.71 3.31 0.00	40.16 3.30 0.00	37.75 3.00 0.00	34.75 2.48 -3.15	38.80 1.46 -18.56	35.56 1.79 -9.17	34.15 2.20 -3.89	32.62 2.08 -3.94
RAVENSWOOD_GT3_1 24248	21.30 1.09 0.00	22.71 1.16 0.00	21.23 1.09 0.00	18.82 0.91 0.00	19.63 0.97 0.00	21.38 1.04 0.00	22.20 1.13 0.00	24.05 1.04 -3.31	26.33 1.18 -3.65	26.81 1.52 0.00	35.58 2.14 0.00	36.56 2.30 0.00	36.00 2.59 0.00	39.79 3.15 0.00	41.45 3.65 0.00	41.67 3.72 0.00	38.68 3.28 0.00	40.13 3.26 0.00	37.73 2.97 0.00	34.72 2.45 -3.15	38.79 1.45 -18.56	35.54 1.78 -9.17	34.13 2.18 -3.89	32.60 2.06 -3.94
RAVENSWOOD_GT3_2 24249	21.30 1.09 0.00	22.71 1.16 0.00	21.23 1.09 0.00	18.82 0.91 0.00	19.63 0.97 0.00	21.38 1.04 0.00	22.20 1.13 0.00	24.05 1.04 -3.31	26.33 1.18 -3.65	26.81 1.52 0.00	35.58 2.14 0.00	36.56 2.30 0.00	36.00 2.59 0.00	39.79 3.15 0.00	41.45 3.65 0.00	41.67 3.72 0.00	38.68 3.28 0.00	40.13 3.26 0.00	37.73 2.97 0.00	34.72 2.45 -3.15	38.79 1.45 -18.56	35.54 1.78 -9.17	34.13 2.18 -3.89	32.60 2.06 -3.94
RAVENSWOOD_GT3_3 24250	21.34 1.13 0.00	22.75 1.20 0.00	21.27 1.13 0.00	18.86 0.95 0.00	19.66 1.00 0.00	21.42 1.08 0.00	22.25 1.18 0.00	24.09 1.08 -3.31	26.38 1.23 -3.65	26.87 1.58 0.00	35.66 2.22 0.00	36.65 2.39 0.00	36.09 2.68 0.00	39.88 3.24 0.00	41.56 3.75 0.00	41.78 3.82 0.00	38.79 3.39 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.80 2.54 -3.15	38.84 1.50 -18.56	35.60 1.84 -9.17	34.20 2.25 -3.89	32.66 2.12 -3.94
RAVENSWOOD_GT3_4 24251	21.34 1.13 0.00	22.75 1.20 0.00	21.27 1.13 0.00	18.86 0.95 0.00	19.66 1.00 0.00	21.42 1.08 0.00	22.25 1.18 0.00	24.09 1.08 -3.31	26.38 1.23 -3.65	26.87 1.58 0.00	35.66 2.22 0.00	36.65 2.39 0.00	36.09 2.68 0.00	39.88 3.24 0.00	41.56 3.75 0.00	41.78 3.82 0.00	38.79 3.39 0.00	40.24 3.37 0.00	37.82 3.06 0.00	34.80 2.54 -3.15	38.84 1.50 -18.56	35.60 1.84 -9.17	34.20 2.25 -3.89	32.66 2.12 -3.94
RAVENSWOOD_GT_1 23729	21.33 1.12 0.00	22.73 1.18 0.00	21.26 1.12 0.00	18.84 0.93 0.00	19.65 0.99 0.00	21.41 1.07 0.00	22.24 1.16 0.00	24.07 1.07 -3.31	26.37 1.21 -3.65	26.84 1.55 0.00	35.58 2.13 0.00	36.55 2.29 0.00	36.00 2.59 0.00	39.76 3.13 0.00	41.42 3.61 0.00	41.65 3.70 0.00	38.64 3.24 0.00	40.08 3.21 0.00	37.65 2.90 0.00	34.74 2.47 -3.16	38.76 1.42 -18.56	35.51 1.75 -9.17	34.15 2.20 -3.89	32.64 2.10 -3.94
RAVENSWOOD_GT_10 24258	21.30 1.09 0.00	22.71 1.16 0.00	21.23 1.09 0.00	18.82 0.91 0.00	19.63 0.97 0.00	21.38 1.04 0.00	22.20 1.13 0.00	24.05 1.04 -3.31	26.33 1.18 -3.65	26.81 1.52 0.00	35.59 2.15 0.00	36.56 2.30 0.00	36.01 2.59 0.00	39.79 3.15 0.00	41.47 3.66 0.00	41.68 3.73 0.00	38.69 3.29 0.00	40.14 3.27 0.00	37.74 2.98 0.00	34.72 2.45 -3.15	38.80 1.45 -18.56	35.55 1.79 -9.17	34.13 2.18 -3.89	32.60 2.06 -3.94
RAVENSWOOD_GT_11 24259	21.30 1.09 0.00	22.71 1.16 0.00	21.23 1.09 0.00	18.82 0.91 0.00	19.63 0.97 0.00	21.38 1.04 0.00	22.21 1.13 0.00	24.05 1.04 -3.31	26.33 1.17 -3.65	26.81 1.53 0.00	35.58 2.14 0.00	36.56 2.30 0.00	36.01 2.59 0.00	39.78 3.14 0.00	41.47 3.66 0.00	41.69 3.73 0.00	38.69 3.29 0.00	40.14 3.27 0.00	37.74 2.98 0.00	34.73 2.46 -3.15	38.79 1.45 -18.56	35.55 1.79 -9.17	34.13 2.18 -3.89	32.60 2.06 -3.94



RAVENSWOOD_GT_4 24252	21.30 1.09 0.00	22.71 1.16 0.00	21.24 1.09 0.00	18.82 0.91 0.00	19.63 0.97 0.00	21.38 1.04 0.00	22.21 1.14 0.00	24.05 1.05 -3.31	26.34 1.18 -3.65	26.82 1.54 0.00	35.60 2.16 0.00	36.59 2.33 0.00	36.03 2.62 0.00	39.81 3.18 0.00	41.49 3.68 0.00	41.71 3.76 0.00	38.72 3.32 0.00	40.17 3.30 0.00	37.76 3.00 0.00	34.74 2.48 -3.15	38.81 1.46 -18.56	35.56 1.80 -9.17	34.14 2.19 -3.89	32.60 2.07 -3.94
RAVENSWOOD_GT_5 24254	21.30 1.09 0.00	22.71 1.16 0.00	21.24 1.09 0.00	18.82 0.91 0.00	19.63 0.97 0.00	21.38 1.04 0.00	22.21 1.14 0.00	24.05 1.05 -3.31	26.34 1.18 -3.65	26.82 1.54 0.00	35.60 2.16 0.00	36.59 2.33 0.00	36.03 2.62 0.00	39.81 3.18 0.00	41.49 3.68 0.00	41.71 3.76 0.00	38.72 3.32 0.00	40.17 3.30 0.00	37.76 3.00 0.00	34.74 2.48 -3.15	38.81 1.46 -18.56	35.56 1.80 -9.17	34.14 2.19 -3.89	32.60 2.07 -3.94
RAVENSWOOD_GT_6 24253	21.30 1.09 0.00	22.71 1.16 0.00	21.24 1.09 0.00	18.82 0.91 0.00	19.63 0.97 0.00	21.38 1.04 0.00	22.21 1.14 0.00	24.05 1.05 -3.31	26.34 1.18 -3.65	26.82 1.54 0.00	35.60 2.16 0.00	36.59 2.33 0.00	36.03 2.62 0.00	39.81 3.18 0.00	41.49 3.68 0.00	41.71 3.76 0.00	38.72 3.32 0.00	40.17 3.30 0.00	37.76 3.00 0.00	34.74 2.48 -3.15	38.81 1.46 -18.56	35.56 1.80 -9.17	34.14 2.19 -3.89	32.60 2.07 -3.94
RAVENSWOOD_GT_7 24255	21.30 1.09 0.00	22.71 1.16 0.00	21.24 1.09 0.00	18.82 0.91 0.00	19.63 0.97 0.00	21.38 1.04 0.00	22.21 1.14 0.00	24.05 1.05 -3.31	26.34 1.18 -3.65	26.82 1.54 0.00	35.60 2.16 0.00	36.59 2.33 0.00	36.03 2.62 0.00	39.81 3.18 0.00	41.49 3.68 0.00	41.71 3.76 0.00	38.72 3.32 0.00	40.17 3.30 0.00	37.76 3.00 0.00	34.74 2.48 -3.15	38.81 1.46 -18.56	35.56 1.80 -9.17	34.14 2.19 -3.89	32.60 2.07 -3.94
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.30 1.09 0.00	22.71 1.16 0.00	21.23 1.09 0.00	18.82 0.91 0.00	19.63 0.97 0.00	21.38 1.04 0.00	22.20 1.13 0.00	24.05 1.04 -3.31	26.33 1.18 -3.65	26.81 1.52 0.00	35.59 2.15 0.00	36.56 2.30 0.00	36.01 2.59 0.00	39.79 3.15 0.00	41.47 3.66 0.00	41.68 3.73 0.00	38.69 3.29 0.00	40.14 3.27 0.00	37.74 2.98 0.00	34.72 2.45 -3.15	38.80 1.45 -18.56	35.55 1.79 -9.17	34.13 2.18 -3.89	32.60 2.06 -3.94
RAVENSWOOD_GT_9 24257	21.30 1.09 0.00	22.71 1.16 0.00	21.23 1.09 0.00	18.82 0.91 0.00	19.63 0.97 0.00	21.38 1.04 0.00	22.20 1.13 0.00	24.05 1.04 -3.31	26.33 1.18 -3.65	26.81 1.52 0.00	35.59 2.15 0.00	36.56 2.30 0.00	36.01 2.59 0.00	39.79 3.15 0.00	41.47 3.66 0.00	41.68 3.73 0.00	38.69 3.29 0.00	40.14 3.27 0.00	37.74 2.98 0.00	34.72 2.45 -3.15	38.80 1.45 -18.56	35.55 1.79 -9.17	34.13 2.18 -3.89	32.60 2.06 -3.94
RAVENSWOOD___1 23533	21.32 1.11 0.00	22.72 1.16 0.00	21.25 1.10 0.00	18.83 0.92 0.00	19.63 0.97 0.00	21.40 1.06 0.00	22.22 1.14 0.00	24.06 1.06 -3.31	26.34 1.19 -3.65	26.81 1.53 0.00	35.54 2.10 0.00	36.51 2.26 0.00	35.97 2.55 0.00	39.74 3.10 0.00	41.39 3.59 0.00	41.62 3.66 0.00	38.61 3.21 0.00	40.05 3.18 0.00	37.62 2.86 0.00	34.71 2.45 -3.15	38.75 1.41 -18.56	35.49 1.73 -9.17	34.13 2.18 -3.89	32.62 2.08 -3.94
RAVENSWOOD___2 23534	21.27 1.06 0.00	22.66 1.11 0.00	21.19 1.05 0.00	18.78 0.87 0.00	19.58 0.93 0.00	21.34 1.00 0.00	22.17 1.09 0.00	24.01 1.00 -3.31	26.28 1.13 -3.65	26.69 1.40 0.00	35.30 1.85 0.00	36.20 1.94 0.00	35.67 2.26 0.00	39.39 2.75 0.00	41.04 3.24 0.00	41.27 3.32 0.00	38.29 2.89 0.00	39.72 2.84 0.00	37.31 2.56 0.00	34.53 2.27 -3.15	38.63 1.29 -18.56	35.31 1.55 -9.17	33.99 2.04 -3.89	32.55 2.01 -3.94
RAVENSWOOD___3 23535	21.30 1.09 0.00	22.71 1.16 0.00	21.23 1.09 0.00	18.82 0.91 0.00	19.63 0.97 0.00	21.38 1.04 0.00	22.21 1.13 0.00	24.05 1.04 -3.31	26.33 1.18 -3.65	26.81 1.53 0.00	35.58 2.13 0.00	36.56 2.30 0.00	36.00 2.59 0.00	39.78 3.14 0.00	41.46 3.65 0.00	41.68 3.73 0.00	38.69 3.29 0.00	40.13 3.26 0.00	37.72 2.96 0.00	34.73 2.46 -3.15	38.79 1.45 -18.56	35.54 1.78 -9.17	34.13 2.18 -3.89	32.60 2.06 -3.94
RAVENSWOOD___4 23820	21.30 1.09 0.00	22.70 1.15 0.00	21.23 1.08 0.00	18.81 0.90 0.00	19.62 0.96 0.00	21.38 1.04 0.00	22.20 1.12 0.00	24.04 1.04 -3.31	26.33 1.17 -3.65	26.79 1.50 0.00	35.51 2.07 0.00	36.49 2.23 0.00	35.94 2.53 0.00	39.70 3.06 0.00	41.37 3.56 0.00	41.59 3.63 0.00	38.57 3.17 0.00	40.02 3.15 0.00	37.60 2.84 0.00	34.69 2.43 -3.15	38.74 1.40 -18.56	35.47 1.71 -9.17	34.10 2.15 -3.89	32.60 2.06 -3.94
RCPL_TRUST___DRP 24196	21.29 1.08 0.00	22.70 1.15 0.00	21.22 1.08 0.00	18.81 0.90 0.00	19.62 0.96 0.00	21.37 1.03 0.00	22.20 1.12 0.00	24.05 1.05 -3.32	26.35 1.19 -3.65	26.84 1.55 0.00	35.63 2.19 0.00	36.60 2.34 0.00	36.05 2.64 0.00	39.83 3.19 0.00	41.49 3.68 0.00	41.71 3.76 0.00	38.72 3.32 0.00	40.17 3.30 0.00	37.75 2.99 0.00	34.74 2.48 -3.15	38.80 1.46 -18.56	35.55 1.79 -9.17	34.13 2.18 -3.89	32.60 2.06 -3.94
RED___ROCHESTER 323720	21.00 0.80 0.00	22.27 0.72 0.00	20.65 0.51 0.00	18.32 0.41 0.00	19.02 0.36 0.00	20.85 0.51 0.00	21.71 0.64 0.00	20.46 0.77 0.00	22.46 0.95 0.00	26.54 1.26 0.00	35.24 1.80 0.00	36.53 2.27 0.00	35.36 1.95 0.00	38.75 2.24 0.13	39.97 2.36 0.19	39.97 2.35 0.33	36.10 2.26 1.55	39.30 2.87 0.44	36.80 2.30 0.26	31.14 1.69 -0.34	22.41 1.17 -2.46	26.61 0.90 -1.12	29.21 0.66 -0.49	27.30 0.58 -0.12
REGAN___SOLAR 323812	22.29 2.08 0.00	23.67 2.12 0.00	22.04 1.90 0.00	19.58 1.67 0.00	20.41 1.75 0.00	22.35 2.00 0.00	23.15 2.08 0.00	22.03 1.75 -0.59	23.83 1.67 -0.65	27.17 1.88 0.00	36.27 2.83 0.00	37.26 3.00 0.00	36.13 2.72 0.00	40.00 3.36 0.00	41.32 3.52 0.00	41.43 3.48 0.00	38.63 3.24 0.00	40.69 3.82 0.00	38.80 4.04 0.00	42.25 3.69 -9.45	76.73 2.37 -55.57	54.95 2.90 -27.46	42.74 3.03 -11.65	32.62 2.86 -3.17
RENSSELAER___COGEN 23796	20.57 0.36 0.00	22.06 0.51 0.00	20.71 0.57 0.00	18.41 0.50 0.00	19.19 0.53 0.00	20.86 0.52 0.00	21.58 0.50 0.00	20.80 0.35 -0.76	22.66 0.32 -0.84	25.57 0.28 0.00	33.75 0.30 0.00	34.53 0.27 0.00	33.97 0.56 0.00	37.42 0.78 0.00	38.83 1.02 0.00	38.90 0.95 0.00	36.31 0.91 0.00	37.74 0.87 0.00	35.70 0.94 0.00	36.84 0.89 -6.83	59.53 0.55 -40.19	45.16 0.71 -19.86	37.41 0.93 -8.43	30.07 0.87 -2.60
REPUBLIC_115KV_BARTNBRK 55605	22.67 2.46 0.00	24.10 2.55 0.00	22.48 2.34 0.00	19.90 1.99 0.00	20.84 2.19 0.00	22.73 2.39 0.00	23.69 2.61 0.00	22.50 2.08 -0.73	24.46 2.15 -0.80	27.75 2.47 0.00	37.26 3.82 0.00	38.46 4.20 0.00	38.09 4.68 0.00	42.02 5.38 0.00	43.34 5.53 0.00	43.77 5.82 0.00	41.35 5.96 0.00	43.30 6.43 0.00	41.23 6.47 0.00	44.32 5.12 -10.08	81.40 3.28 -59.33	57.99 4.08 -29.32	44.76 4.27 -12.44	34.06 3.98 -3.48

REVERE_CPPR_DRP 24186	20.83 0.62 0.00	22.14 0.58 0.00	20.65 0.51 0.00	18.37 0.46 0.00	19.17 0.51 0.00	20.94 0.60 0.00	21.80 0.72 0.00	20.36 0.67 0.00	22.24 0.74 0.00	26.20 0.91 0.00	34.88 1.44 0.00	35.91 1.65 0.00	34.93 1.52 0.00	38.64 1.82 -0.18	49.51 1.99 -9.71	77.92 2.16 -37.81	77.11 2.01 -39.70	74.87 2.23 -35.77	60.45 2.20 -23.49	37.36 1.78 -6.47	24.16 1.09 -4.29	29.50 1.21 -3.70	29.22 1.12 -0.04	27.45 0.85 0.00
REYNOLDS_115KV_TB3 80639	20.73 0.52 0.00	22.24 0.69 0.00	20.90 0.75 0.00	18.57 0.66 0.00	19.35 0.69 0.00	21.05 0.70 0.00	21.75 0.67 0.00	20.97 0.50 -0.78	22.83 0.46 -0.86	25.75 0.46 0.00	34.05 0.61 0.00	34.87 0.61 0.00	34.34 0.93 0.00	37.83 1.20 0.00	39.24 1.44 0.00	39.30 1.35 0.00	36.70 1.30 0.00	38.15 1.28 0.00	36.12 1.36 0.00	37.58 1.24 -7.23	62.08 0.77 -42.53	46.57 0.96 -21.02	38.15 1.17 -8.92	30.43 1.10 -2.73
RIVERBAY____ 323610	21.35 1.14 0.00	22.77 1.22 0.00	21.30 1.16 0.00	18.88 0.98 0.00	19.70 1.04 0.00	21.48 1.14 0.00	22.29 1.21 0.00	24.06 1.06 -3.31	26.39 1.24 -3.65	26.83 1.54 0.00	35.78 2.33 0.00	36.81 2.55 0.00	36.28 2.87 0.00	40.16 3.52 0.00	41.84 4.03 0.00	41.98 4.02 0.00	38.77 3.37 0.00	40.24 3.37 0.00	37.83 3.07 0.00	34.88 2.61 -3.15	38.86 1.52 -18.56	35.71 1.95 -9.17	34.34 2.39 -3.89	32.74 2.20 -3.94
RIVERSDE_115KV_TB3 55908	20.68 0.47 0.00	22.18 0.62 0.00	20.82 0.67 0.00	18.50 0.60 0.00	19.29 0.63 0.00	20.98 0.64 0.00	21.69 0.61 0.00	20.91 0.45 -0.77	22.78 0.43 -0.84	25.71 0.42 0.00	33.99 0.55 0.00	34.82 0.56 0.00	34.29 0.88 0.00	37.79 1.15 0.00	39.20 1.40 0.00	39.26 1.31 0.00	36.66 1.26 0.00	38.11 1.24 0.00	36.06 1.30 0.00	37.62 1.18 -7.33	62.61 0.73 -43.10	46.80 0.91 -21.30	38.21 1.12 -9.04	30.39 1.04 -2.74
ROARING__BROOK_WT_PWR 323790	19.73 -0.48 0.00	20.98 -0.57 0.00	19.66 -0.48 0.00	17.58 -0.33 0.00	18.36 -0.29 0.00	20.06 -0.28 0.00	20.81 -0.27 0.00	19.43 -0.26 0.00	21.26 -0.25 0.00	25.01 -0.28 0.00	33.07 -0.37 0.00	33.89 -0.37 0.00	32.72 -0.70 0.00	35.99 -0.65 0.00	37.36 -0.45 0.00	38.45 -0.22 -0.72	35.35 -0.21 -0.16	39.67 -0.23 -3.03	35.15 -0.30 -0.68	28.41 -0.50 0.20	17.50 -0.41 0.88	23.29 -0.57 0.73	27.29 -0.77 0.00	25.81 -0.79 0.00
ROCHESRG_115KV_T4 355643	20.74 0.53 0.00	22.01 0.45 0.00	20.41 0.27 0.00	18.11 0.21 0.00	18.81 0.15 0.00	20.62 0.27 0.00	21.46 0.38 0.00	20.20 0.51 0.00	22.16 0.65 0.00	26.17 0.88 0.00	34.71 1.26 0.00	35.94 1.69 0.00	34.75 1.34 0.00	38.00 1.50 0.14	39.18 1.59 0.21	39.16 1.56 0.36	35.31 1.48 1.57	38.40 2.01 0.48	36.00 1.52 0.28	30.53 1.09 -0.33	22.00 0.78 -2.44	26.12 0.44 -1.10	28.70 0.16 -0.49	26.85 0.13 -0.12
ROCHESTER_9_IC 23652	20.88 0.68 0.00	22.16 0.60 0.00	20.54 0.40 0.00	18.22 0.32 0.00	18.92 0.26 0.00	20.75 0.41 0.00	21.60 0.52 0.00	20.35 0.66 0.00	22.33 0.82 0.00	26.38 1.10 0.00	34.99 1.55 0.00	36.27 2.02 0.00	35.08 1.67 0.00	38.39 1.88 0.13	39.61 1.99 0.19	39.61 1.99 0.33	35.73 1.89 1.55	38.88 2.45 0.44	36.44 1.94 0.26	30.87 1.41 -0.34	22.23 0.99 -2.46	26.40 0.69 -1.12	28.98 0.43 -0.49	27.09 0.37 -0.12
ROCKVIEW_13_KV_LD 356306	21.32 1.11 0.00	22.74 1.19 0.00	21.26 1.11 0.00	18.84 0.93 0.00	19.65 0.99 0.00	21.41 1.07 0.00	22.23 1.16 0.00	24.05 1.05 -3.31	26.32 1.17 -3.64	26.81 1.52 0.00	35.63 2.19 0.00	36.63 2.37 0.00	36.07 2.66 0.00	39.87 3.23 0.00	41.52 3.72 0.00	41.75 3.79 0.00	38.79 3.39 0.00	40.27 3.40 0.00	37.86 3.11 0.00	34.82 2.56 -3.15	38.87 1.53 -18.56	35.63 1.87 -9.17	34.20 2.25 -3.89	32.64 2.11 -3.94
ROME____115KV_TB2 80656	20.83 0.62 0.00	22.14 0.58 0.00	20.65 0.51 0.00	18.37 0.46 0.00	19.17 0.51 0.00	20.94 0.60 0.00	21.80 0.72 0.00	20.36 0.67 0.00	22.24 0.74 0.00	26.20 0.91 0.00	34.88 1.44 0.00	35.91 1.65 0.00	34.93 1.52 0.00	38.64 1.82 -0.18	49.51 1.99 -9.71	77.92 2.16 -37.81	77.11 2.01 -39.70	74.87 2.23 -35.77	60.45 2.20 -23.49	37.36 1.78 -6.47	24.16 1.09 -4.29	29.50 1.21 -3.70	29.22 1.12 -0.04	27.45 0.85 0.00
ROSETON__1 23587	20.99 0.79 0.00	22.43 0.88 0.00	21.00 0.85 0.00	18.62 0.72 0.00	19.42 0.76 0.00	21.15 0.81 0.00	21.94 0.86 0.00	20.44 0.75 0.00	22.31 0.80 0.00	26.32 1.03 0.00	34.92 1.48 0.00	35.89 1.63 0.00	35.31 1.89 0.00	38.97 2.33 0.00	40.53 2.73 0.00	40.72 2.76 0.00	37.86 2.46 0.00	39.32 2.45 0.00	37.02 2.26 0.00	34.14 1.90 -3.14	38.36 1.12 -18.45	35.12 1.41 -9.12	33.63 1.70 -3.87	29.07 1.60 -0.87
ROSETON__2 23588	20.99 0.79 0.00	22.43 0.88 0.00	21.00 0.85 0.00	18.62 0.72 0.00	19.42 0.76 0.00	21.15 0.81 0.00	21.94 0.86 0.00	20.44 0.75 0.00	22.31 0.80 0.00	26.32 1.03 0.00	34.92 1.48 0.00	35.89 1.63 0.00	35.31 1.89 0.00	38.97 2.33 0.00	40.53 2.73 0.00	40.72 2.76 0.00	37.86 2.46 0.00	39.32 2.45 0.00	37.02 2.26 0.00	34.14 1.90 -3.14	38.36 1.12 -18.45	35.12 1.41 -9.12	33.63 1.70 -3.87	29.07 1.60 -0.87
ROTTDAM_115KV_TB3 80664	20.96 0.75 0.00	22.43 0.88 0.00	21.00 0.86 0.00	18.65 0.75 0.00	19.44 0.78 0.00	21.19 0.85 0.00	21.93 0.85 0.00	21.09 0.69 -0.70	23.00 0.72 -0.78	26.11 0.82 0.00	34.58 1.14 0.00	35.49 1.23 0.00	34.87 1.45 0.00	38.41 1.77 0.00	39.82 2.02 0.00	39.94 1.99 0.00	37.31 1.91 0.00	38.81 1.94 0.00	36.70 1.95 0.00	41.48 1.69 -10.68	82.68 1.06 -62.83	56.96 1.32 -31.05	42.72 1.49 -13.17	31.57 1.36 -3.62
RUSSELL__1 23602	21.01 0.80 0.00	22.27 0.72 0.00	20.65 0.51 0.00	18.32 0.41 0.00	19.02 0.36 0.00	20.86 0.52 0.00	21.71 0.64 0.00	20.46 0.77 0.00	22.46 0.95 0.00	26.55 1.26 0.00	35.22 1.78 0.00	36.52 2.26 0.00	35.34 1.93 0.00	38.72 2.21 0.13	39.96 2.35 0.19	39.98 2.36 0.33	36.09 2.24 1.55	39.27 2.84 0.44	36.79 2.29 0.26	31.15 1.70 -0.34	22.40 1.16 -2.46	26.61 0.90 -1.12	29.21 0.66 -0.49	27.29 0.57 -0.12
RUSSELL__2 23532	21.01 0.80 0.00	22.27 0.72 0.00	20.65 0.51 0.00	18.32 0.41 0.00	19.02 0.36 0.00	20.86 0.52 0.00	21.71 0.64 0.00	20.46 0.77 0.00	22.46 0.95 0.00	26.55 1.26 0.00	35.22 1.78 0.00	36.52 2.26 0.00	35.34 1.93 0.00	38.72 2.21 0.13	39.96 2.35 0.19	39.98 2.36 0.33	36.09 2.24 1.55	39.27 2.84 0.44	36.79 2.29 0.26	31.15 1.70 -0.34	22.40 1.16 -2.46	26.61 0.90 -1.12	29.21 0.66 -0.49	27.29 0.57 -0.12
RUSSELL__3 23549	21.01 0.80 0.00	22.27 0.72 0.00	20.65 0.51 0.00	18.32 0.41 0.00	19.02 0.36 0.00	20.86 0.52 0.00	21.71 0.64 0.00	20.46 0.77 0.00	22.46 0.95 0.00	26.55 1.26 0.00	35.22 1.78 0.00	36.52 2.26 0.00	35.34 1.93 0.00	38.72 2.21 0.13	39.96 2.35 0.19	39.98 2.36 0.33	36.09 2.24 1.55	39.27 2.84 0.44	36.79 2.29 0.26	31.15 1.70 -0.34	22.40 1.16 -2.46	26.61 0.90 -1.12	29.21 0.66 -0.49	27.29 0.57 -0.12

RUSSELL___4 23556	21.01 0.80 0.00	22.27 0.72 0.00	20.65 0.51 0.00	18.32 0.41 0.00	19.02 0.36 0.00	20.86 0.52 0.00	21.71 0.64 0.00	20.46 0.77 0.00	22.46 0.95 0.00	26.55 1.26 0.00	35.22 1.78 0.00	36.52 2.26 0.00	35.34 1.93 0.00	38.72 2.21 0.13	39.96 2.35 0.19	39.98 2.36 0.33	36.09 2.24 1.55	39.27 2.84 0.44	36.79 2.29 0.26	31.15 1.70 -0.34	22.40 1.16 -2.46	26.61 0.90 -1.12	29.21 0.66 -0.49	27.29 0.57 -0.12
RUSSELL___STATION 23914	21.01 0.80 0.00	22.27 0.72 0.00	20.65 0.51 0.00	18.32 0.41 0.00	19.02 0.36 0.00	20.86 0.52 0.00	21.71 0.64 0.00	20.46 0.77 0.00	22.46 0.95 0.00	26.55 1.26 0.00	35.22 1.78 0.00	36.52 2.26 0.00	35.34 1.93 0.00	38.72 2.21 0.13	39.96 2.35 0.19	39.98 2.36 0.33	36.09 2.24 1.55	39.27 2.84 0.44	36.79 2.29 0.26	31.15 1.70 -0.34	22.40 1.16 -2.46	26.61 0.90 -1.12	29.21 0.66 -0.49	27.29 0.57 -0.12
S SALMON___HYD 24043	20.01 -0.20 0.00	21.23 -0.32 0.00	19.80 -0.34 0.00	17.65 -0.25 0.00	18.41 -0.25 0.00	20.12 -0.21 0.00	20.93 -0.15 0.00	19.58 -0.11 0.00	21.38 -0.13 0.00	25.15 -0.14 0.00	33.35 -0.09 0.00	34.37 0.11 0.00	33.28 -0.13 0.00	37.37 -0.15 -0.88	29.62 -0.18 8.01	1.79 -0.02 36.14	-17.32 0.04 52.75	-1.03 0.18 38.08	11.52 0.21 23.44	22.02 0.14 7.24	14.87 0.09 4.00	21.64 -0.17 2.77	27.90 -0.37 -0.21	26.08 -0.52 0.00
S.PERRY___115KV_TB1 80734	21.45 1.24 0.00	22.70 1.14 0.00	20.98 0.84 0.00	18.63 0.72 0.00	19.39 0.73 0.00	21.25 0.91 0.00	22.17 1.09 0.00	20.91 1.21 0.00	22.81 1.30 0.00	26.70 1.41 0.00	34.74 1.30 0.00	35.81 1.55 0.00	34.21 0.80 0.00	37.13 0.49 0.00	38.00 0.19 0.00	38.37 0.42 0.00	34.70 0.55 1.26	37.60 0.89 0.16	35.58 0.82 0.00	30.56 0.86 -0.59	22.89 0.65 -3.46	26.40 0.10 -1.71	29.13 0.34 -0.73	27.61 0.84 -0.16
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.98 0.78 0.00	22.25 0.70 0.00	20.55 0.41 0.00	18.21 0.30 0.00	18.88 0.22 0.00	20.75 0.41 0.00	21.64 0.56 0.00	20.36 0.67 0.00	22.36 0.85 0.00	26.46 1.18 0.00	35.12 1.68 0.00	36.46 2.20 0.00	35.00 1.58 0.00	38.36 1.72 0.00	39.51 1.70 0.00	39.51 1.56 0.00	35.53 1.38 1.25	38.73 2.03 0.17	36.06 1.30 0.00	30.55 0.90 -0.55	22.69 0.70 -3.21	26.27 0.09 -1.58	28.44 -0.29 -0.67	26.51 -0.24 -0.15
SAWYER___23_KV_LOAD 55526	20.98 0.78 0.00	22.25 0.70 0.00	20.55 0.41 0.00	18.21 0.30 0.00	18.88 0.22 0.00	20.75 0.41 0.00	21.64 0.56 0.00	20.36 0.67 0.00	22.36 0.85 0.00	26.46 1.18 0.00	35.12 1.68 0.00	36.46 2.20 0.00	35.00 1.58 0.00	38.36 1.72 0.00	39.51 1.70 0.00	39.51 1.56 0.00	35.53 1.38 1.25	38.73 2.03 0.17	36.06 1.30 0.00	30.55 0.90 -0.55	22.69 0.70 -3.21	26.27 0.09 -1.58	28.44 -0.29 -0.67	26.51 -0.24 -0.15
SELKIRK___I 23801	20.79 0.59 0.00	22.31 0.76 0.00	20.92 0.78 0.00	18.60 0.69 0.00	19.40 0.74 0.00	21.10 0.75 0.00	21.81 0.73 0.00	20.96 0.57 -0.70	22.81 0.53 -0.77	25.82 0.53 0.00	34.04 0.59 0.00	34.81 0.55 0.00	34.22 0.81 0.00	37.71 1.07 0.00	39.09 1.28 0.00	39.14 1.19 0.00	36.50 1.11 0.00	37.98 1.11 0.00	35.92 1.16 0.00	36.05 1.12 -5.81	53.72 0.71 -34.22	42.42 0.91 -16.91	36.40 1.17 -7.17	29.95 1.08 -2.26
SELKIRK___II 23799	20.66 0.45 0.00	22.16 0.60 0.00	20.78 0.64 0.00	18.47 0.56 0.00	19.25 0.59 0.00	20.94 0.60 0.00	21.66 0.58 0.00	20.86 0.43 -0.74	22.73 0.41 -0.81	25.68 0.39 0.00	33.79 0.35 0.00	34.52 0.26 0.00	33.94 0.53 0.00	37.40 0.76 0.00	38.79 0.99 0.00	38.88 0.93 0.00	36.25 0.86 0.00	37.67 0.80 0.00	35.61 0.85 0.00	36.02 0.84 -6.07	55.03 0.52 -35.72	42.95 0.70 -17.65	36.55 1.01 -7.49	29.93 0.96 -2.37
SENECA OSWGO___HYD 24041	19.95 -0.26 0.00	21.24 -0.32 0.00	19.82 -0.32 0.00	17.66 -0.25 0.00	18.38 -0.28 0.00	20.04 -0.30 0.00	20.80 -0.28 0.00	19.47 -0.22 0.00	21.25 -0.25 0.00	25.03 -0.26 0.00	33.22 -0.22 0.00	34.21 -0.05 0.00	33.27 -0.14 0.00	37.82 -0.07 -1.25	37.54 -0.06 0.21	32.87 -0.04 5.05	24.92 -0.04 10.44	31.50 0.13 5.50	31.89 0.04 2.91	28.10 -0.03 0.98	18.22 0.00 0.56	24.69 -0.24 -0.34	27.93 -0.43 -0.30	26.15 -0.45 0.00
SENECA___115KV_TB3 355854	21.12 0.91 0.00	22.40 0.85 0.00	20.69 0.55 0.00	18.34 0.43 0.00	19.03 0.38 0.00	20.91 0.57 0.00	21.82 0.74 0.00	20.56 0.86 0.00	22.59 1.08 0.00	26.74 1.45 0.00	35.53 2.09 0.00	36.92 2.66 0.00	35.45 2.03 0.00	38.94 2.30 0.00	40.11 2.31 0.00	40.13 2.18 0.00	36.10 1.94 1.24	39.25 2.55 0.17	36.54 1.78 0.00	30.94 1.26 -0.57	23.05 0.92 -3.35	26.58 0.34 -1.65	28.76 0.00 -0.70	26.77 0.01 -0.16
SENECA___ENERGY 23797	20.47 0.26 0.00	21.75 0.19 0.00	20.24 0.10 0.00	17.98 0.07 0.00	18.74 0.08 0.00	20.48 0.14 0.00	21.32 0.24 0.00	20.02 0.33 0.00	21.92 0.41 0.00	25.83 0.55 0.00	34.22 0.78 0.00	35.35 1.10 0.00	34.41 1.00 0.00	38.44 1.32 -0.47	39.76 1.24 -0.71	40.43 1.27 -1.21	35.79 1.19 0.80	39.12 1.41 -0.83	36.94 1.23 -0.95	30.76 0.91 -0.74	22.13 0.61 -2.74	26.67 0.38 -1.71	28.86 0.14 -0.66	26.80 0.07 -0.12
SHOEMAKER___GT 23640	20.95 0.74 0.00	22.37 0.82 0.00	20.93 0.78 0.00	18.57 0.66 0.00	19.36 0.70 0.00	21.09 0.75 0.00	21.88 0.80 0.00	17.82 0.71 2.59	19.41 0.75 2.85	26.24 0.95 0.00	34.76 1.32 0.00	35.71 1.45 0.00	35.09 1.68 0.00	38.71 2.08 0.00	40.26 2.46 0.00	40.48 2.53 0.00	37.71 2.32 0.00	39.19 2.31 0.00	36.91 2.16 0.00	33.72 1.81 -2.80	36.35 1.10 -16.47	34.08 1.35 -8.14	33.09 1.58 -3.45	26.43 1.44 1.61
SHOEMAKR_138KV_BK 111 55601	20.93 0.72 0.00	22.35 0.79 0.00	20.90 0.76 0.00	18.55 0.64 0.00	19.33 0.68 0.00	21.07 0.72 0.00	21.85 0.77 0.00	17.93 0.69 2.45	19.54 0.73 2.70	26.22 0.93 0.00	34.76 1.32 0.00	35.72 1.46 0.00	35.11 1.70 0.00	38.74 2.10 0.00	40.28 2.48 0.00	40.49 2.54 0.00	37.71 2.32 0.00	39.18 2.31 0.00	36.91 2.15 0.00	33.67 1.79 -2.77	36.19 1.08 -16.32	33.98 1.33 -8.06	33.03 1.55 -3.42	26.52 1.42 1.50
SHOREHAM_IC_1 23715	21.60 1.39 0.00	22.90 1.34 0.00	21.85 1.70 0.00	19.42 1.51 0.00	20.31 1.65 0.00	22.05 1.71 0.00	22.82 1.74 0.00	23.93 0.95 -3.29	26.24 1.12 -3.62	26.91 1.55 -0.07	36.40 2.45 -0.51	38.27 2.79 -1.23	39.19 3.29 -2.49	41.82 3.79 -1.39	43.57 3.98 -1.78	51.69 4.01 -9.73	38.84 3.44 -0.01	60.53 3.35 -20.32	71.75 3.25 -33.74	34.65 2.39 -3.16	38.82 1.47 -18.57	35.34 1.57 -9.17	33.89 1.95 -3.89	32.72 2.21 -3.92
SHOREHAM_IC_2 23716	21.60 1.39 0.00	22.90 1.34 0.00	21.85 1.70 0.00	19.42 1.51 0.00	20.31 1.65 0.00	22.05 1.71 0.00	22.82 1.74 0.00	23.93 0.95 -3.29	26.24 1.12 -3.62	26.91 1.55 -0.07	36.40 2.45 -0.51	38.27 2.79 -1.23	39.19 3.29 -2.49	41.82 3.79 -1.39	43.57 3.98 -1.78	51.69 4.01 -9.73	38.84 3.44 -0.01	60.53 3.35 -20.32	71.75 3.25 -33.74	34.65 2.39 -3.16	38.82 1.47 -18.57	35.34 1.57 -9.17	33.89 1.95 -3.89	32.72 2.21 -3.92

SISSONVILLE____ 23735	19.65 -0.56 0.00	20.80 -0.76 0.00	19.42 -0.73 0.00	17.19 -0.72 0.00	17.92 -0.73 0.00	19.59 -0.76 0.00	20.36 -0.72 0.00	19.13 -0.57 0.00	20.94 -0.57 0.00	24.52 -0.77 0.00	32.27 -1.17 0.00	32.81 -1.45 0.00	37.29 -1.75 -5.62	42.00 -2.18 -7.54	21.82 -2.45 13.54	-37.61 -2.78 72.79	-122.23 -2.81 154.83	-62.65 -2.91 96.61	-22.78 -2.60 54.93	7.01 -2.10 20.00	10.24 -1.25 7.29	17.46 -1.12 6.01	26.94 -1.15 -0.03	25.45 -1.15 0.00
SITHE_IND_GS1 24169	19.65 -0.56 0.00	20.91 -0.64 0.00	19.54 -0.60 0.00	17.41 -0.50 0.00	18.12 -0.54 0.00	19.75 -0.60 0.00	20.47 -0.61 0.00	19.16 -0.53 0.00	20.93 -0.58 0.00	24.63 -0.66 0.00	32.62 -0.82 0.00	33.55 -0.71 0.00	32.68 -0.74 0.00	32.02 -0.73 3.89	31.26 -0.71 5.83	27.34 -0.71 9.91	26.57 -0.65 8.18	27.07 -0.58 9.21	26.38 -0.62 7.75	26.09 -0.58 2.44	17.33 -0.35 1.10	20.50 -0.64 3.45	26.27 -0.85 0.94	25.77 -0.83 0.00
SITHE_IND_GS2 24170	19.65 -0.56 0.00	20.91 -0.64 0.00	19.54 -0.60 0.00	17.41 -0.50 0.00	18.12 -0.54 0.00	19.75 -0.60 0.00	20.47 -0.61 0.00	19.16 -0.53 0.00	20.93 -0.58 0.00	24.63 -0.66 0.00	32.62 -0.82 0.00	33.55 -0.71 0.00	32.68 -0.74 0.00	32.02 -0.73 3.89	31.26 -0.71 5.83	27.34 -0.71 9.91	26.57 -0.65 8.18	27.07 -0.58 9.21	26.38 -0.62 7.75	26.09 -0.58 2.44	17.33 -0.35 1.10	20.50 -0.64 3.45	26.27 -0.85 0.94	25.77 -0.83 0.00
SITHE_IND_GS3 24171	19.65 -0.56 0.00	20.91 -0.64 0.00	19.54 -0.60 0.00	17.41 -0.50 0.00	18.12 -0.54 0.00	19.75 -0.60 0.00	20.47 -0.61 0.00	19.16 -0.53 0.00	20.93 -0.58 0.00	24.63 -0.66 0.00	32.62 -0.82 0.00	33.55 -0.71 0.00	32.68 -0.74 0.00	32.02 -0.73 3.89	31.26 -0.71 5.83	27.34 -0.71 9.91	26.57 -0.65 8.18	27.07 -0.58 9.21	26.38 -0.62 7.75	26.09 -0.58 2.44	17.33 -0.35 1.10	20.50 -0.64 3.45	26.27 -0.85 0.94	25.77 -0.83 0.00
SITHE_IND_GS4 24172	19.65 -0.56 0.00	20.91 -0.64 0.00	19.54 -0.60 0.00	17.41 -0.50 0.00	18.12 -0.54 0.00	19.75 -0.60 0.00	20.47 -0.61 0.00	19.16 -0.53 0.00	20.93 -0.58 0.00	24.63 -0.66 0.00	32.62 -0.82 0.00	33.55 -0.71 0.00	32.68 -0.74 0.00	32.02 -0.73 3.89	31.26 -0.71 5.83	27.34 -0.71 9.91	26.57 -0.65 8.18	27.07 -0.58 9.21	26.38 -0.62 7.75	26.09 -0.58 2.44	17.33 -0.35 1.10	20.50 -0.64 3.45	26.27 -0.85 0.94	25.77 -0.83 0.00
SITHE____BATAVIA 24024	21.46 1.25 0.00	22.74 1.19 0.00	21.02 0.88 0.00	18.62 0.71 0.00	19.31 0.65 0.00	21.24 0.90 0.00	22.17 1.09 0.00	20.90 1.21 0.00	22.87 1.37 0.00	27.02 1.73 0.00	35.95 2.50 0.00	37.27 3.02 0.00	35.89 2.48 0.00	39.38 2.74 0.00	40.62 2.82 0.00	40.69 2.74 0.00	36.66 2.55 1.29	40.10 3.38 0.15	37.51 2.75 0.00	31.68 2.08 -0.48	23.09 1.46 -2.85	27.08 1.09 -1.41	29.37 0.71 -0.60	27.36 0.63 -0.13
SITHE____INDEPEND 23800	19.65 -0.56 0.00	20.91 -0.64 0.00	19.54 -0.60 0.00	17.41 -0.50 0.00	18.12 -0.54 0.00	19.75 -0.60 0.00	20.47 -0.61 0.00	19.16 -0.53 0.00	20.93 -0.58 0.00	24.63 -0.66 0.00	32.62 -0.83 0.00	33.55 -0.71 0.00	32.68 -0.73 0.00	32.02 -0.73 3.89	31.26 -0.72 5.83	27.34 -0.71 9.91	26.57 -0.66 8.18	27.07 -0.59 9.21	26.39 -0.62 7.75	26.09 -0.58 2.44	17.33 -0.35 1.10	20.50 -0.64 3.45	26.27 -0.85 0.94	25.77 -0.83 0.00
SITHE____MASSENA 23902	20.06 -0.14 0.00	21.31 -0.24 0.00	19.87 -0.27 0.00	17.64 -0.27 0.00	18.39 -0.27 0.00	20.07 -0.27 0.00	20.81 -0.27 0.00	19.52 -0.17 0.00	21.35 -0.16 0.00	25.02 -0.27 0.00	32.99 -0.45 0.00	33.57 -0.69 0.00	33.89 -0.90 -1.38	37.24 -1.21 -1.82	26.39 -1.46 9.96	-12.22 -1.89 48.29	-120.49 -1.90 154.00	-45.02 -2.02 79.87	4.53 -1.83 28.40	26.67 -1.47 0.97	13.65 -0.84 4.29	20.38 -0.62 3.59	27.42 -0.64 0.00	26.07 -0.53 0.00
SITHE____OGDNSBRG 24021	20.20 0.00 0.00	21.41 -0.14 0.00	19.97 -0.18 0.00	17.70 -0.21 0.00	18.46 -0.20 0.00	20.20 -0.14 0.00	20.99 -0.09 0.00	19.70 0.01 0.00	21.50 0.00 0.00	25.20 -0.08 0.00	33.25 -0.19 0.00	33.83 -0.43 0.00	36.68 -0.71 -3.97	40.87 -1.01 -5.25	24.25 -1.30 12.26	-27.26 -1.73 63.48	-121.10 -1.85 154.65	-55.36 -1.93 90.30	-17.30 -1.62 50.44	8.05 -1.26 19.81	11.95 -0.69 6.14	19.08 -0.37 5.14	27.70 -0.36 0.00	26.27 -0.33 0.00
SITHE____STERLING 23777	20.72 0.51 0.00	22.05 0.50 0.00	20.58 0.44 0.00	18.31 0.40 0.00	19.09 0.43 0.00	20.85 0.51 0.00	21.68 0.60 0.00	20.25 0.55 0.00	22.11 0.61 0.00	26.04 0.75 0.00	34.62 1.18 0.00	35.64 1.38 0.00	34.74 1.32 0.00	38.44 1.61 -0.19	45.42 1.74 -5.87	62.38 1.85 -22.58	60.10 1.69 -23.01	60.01 1.87 -21.26	50.62 1.82 -14.04	34.44 1.47 -3.86	22.25 0.91 -2.55	27.83 0.98 -2.26	29.02 0.91 -0.05	27.32 0.71 0.00
SLEIGHT__34_KV_TB1 80719	20.86 0.66 0.00	22.17 0.61 0.00	20.61 0.47 0.00	18.31 0.40 0.00	19.07 0.41 0.00	20.86 0.52 0.00	21.71 0.63 0.00	20.39 0.70 0.00	22.34 0.84 0.00	26.40 1.12 0.00	35.05 1.61 0.00	36.24 1.98 0.00	35.31 1.90 0.00	39.27 2.26 -0.37	40.72 2.36 -0.55	41.19 2.30 -0.93	36.51 2.07 0.96	39.90 2.46 -0.57	37.76 2.27 -0.73	31.45 1.69 -0.65	22.44 1.11 -2.55	27.19 1.07 -1.53	29.49 0.83 -0.60	27.38 0.66 -0.11
SOUTH CAIRO____GT 23612	21.41 1.20 0.00	22.95 1.40 0.00	21.52 1.38 0.00	19.13 1.22 0.00	19.95 1.29 0.00	21.71 1.37 0.00	22.51 1.43 0.00	21.45 1.19 -0.57	23.35 1.22 -0.62	26.49 1.20 0.00	34.69 1.25 0.00	35.08 0.82 0.00	34.52 1.11 0.00	38.16 1.53 0.00	39.75 1.94 0.00	39.84 1.89 0.00	37.33 1.93 0.00	39.07 2.20 0.00	37.25 2.49 0.00	36.96 2.37 -5.48	52.61 1.56 -32.26	42.50 1.96 -15.94	37.10 2.28 -6.76	30.71 2.05 -2.05
SOUTH HAMPTN____IC 23720	22.04 1.83 0.00	23.35 1.80 0.00	22.21 2.06 0.00	19.72 1.81 0.00	20.63 1.97 0.00	22.41 2.07 0.00	23.20 2.12 0.00	24.39 1.41 -3.29	26.73 1.61 -3.62	27.56 2.20 -0.07	37.30 3.35 -0.51	39.27 3.78 -1.23	40.21 4.31 -2.49	43.01 4.98 -1.39	44.62 5.18 -1.63	52.11 5.26 -8.89	40.04 4.64 0.00	60.05 4.61 -18.57	68.50 4.38 -29.36	35.51 3.24 -3.16	39.37 2.02 -18.57	36.02 2.26 -9.17	34.64 2.70 -3.89	33.39 2.88 -3.92
SOUTHDOW_115KV_TB1 355954	21.10 0.89 0.00	22.45 0.89 0.00	20.76 0.61 0.00	18.39 0.48 0.00	19.10 0.44 0.00	20.99 0.65 0.00	21.98 0.90 0.00	20.77 1.08 0.00	22.88 1.37 0.00	27.12 1.83 0.00	35.89 2.45 0.00	37.31 3.05 0.00	35.76 2.35 0.00	39.57 2.93 0.00	40.76 2.95 0.00	40.95 2.99 0.00	36.49 2.32 1.22	39.33 2.62 0.17	36.49 1.74 0.00	30.89 1.16 -0.61	23.23 0.83 -3.62	26.67 0.29 -1.79	28.94 0.12 -0.76	26.82 0.05 -0.17
SOUTHOLD_69_KV_BK 2 55809	22.55 2.34 0.00	23.86 2.31 0.00	22.65 2.51 0.00	20.11 2.20 0.00	21.05 2.39 0.00	22.88 2.54 0.00	23.70 2.62 0.00	24.88 1.90 -3.29	26.88 1.76 -3.62	27.77 2.41 -0.07	37.62 3.67 -0.51	39.66 4.17 -1.23	40.67 4.77 -2.49	43.62 5.59 -1.39	45.19 5.75 -1.63	52.72 5.86 -8.90	40.65 5.25 0.00	60.83 5.37 -18.60	69.28 5.08 -29.45	35.91 3.64 -3.16	39.84 2.49 -18.57	36.81 3.05 -9.17	35.46 3.51 -3.89	34.11 3.60 -3.91

SOUTHOLD___IC 23719	22.55 2.34 0.00	23.86 2.31 0.00	22.65 2.51 0.00	20.11 2.20 0.00	21.05 2.39 0.00	22.87 2.53 0.00	23.70 2.62 0.00	24.88 1.90 -3.29	26.88 1.76 -3.62	27.77 2.41 -0.07	37.61 3.66 -0.51	39.65 4.16 -1.23	40.67 4.77 -2.49	43.61 5.58 -1.39	45.19 5.75 -1.63	52.73 5.87 -8.90	40.66 5.25 0.00	60.84 5.37 -18.60	69.29 5.08 -29.45	35.91 3.64 -3.16	39.84 2.49 -18.57	36.81 3.04 -9.17	35.46 3.51 -3.89	34.11 3.60 -3.92
SPIERFLS_115KV_TB 1 80737	21.26 1.05 0.00	22.72 1.16 0.00	21.27 1.13 0.00	18.88 0.97 0.00	19.70 1.05 0.00	21.48 1.14 0.00	22.27 1.19 0.00	21.36 0.94 -0.73	23.25 0.94 -0.80	26.35 1.07 0.00	34.68 1.24 0.00	35.68 1.43 0.00	35.18 1.77 0.00	38.69 2.05 0.00	40.09 2.28 0.00	40.42 2.47 0.00	37.99 2.59 0.00	39.59 2.72 0.00	37.75 2.99 0.00	41.75 2.49 -10.15	80.08 1.60 -59.70	56.15 2.06 -29.50	42.77 2.20 -12.52	32.08 1.99 -3.49
ST LAWRENCE____ 23600	19.90 -0.30 0.00	21.16 -0.39 0.00	19.73 -0.41 0.00	17.52 -0.39 0.00	18.25 -0.40 0.00	19.92 -0.43 0.00	20.64 -0.44 0.00	19.35 -0.34 0.00	21.17 -0.33 0.00	24.82 -0.47 0.00	32.69 -0.75 0.00	33.26 -1.00 0.00	32.24 -1.18 0.00	35.12 -1.52 0.00	26.52 -1.76 9.53	-7.15 -1.88 43.22	-3.50 -1.79 37.11	-23.47 -1.91 58.43	6.50 -1.75 26.51	26.04 -1.40 1.67	14.25 -0.87 3.67	20.70 -0.83 3.06	27.18 -0.87 0.00	25.88 -0.72 0.00
STATE_CA_115KV_115_LB 55624	20.70 0.49 0.00	22.19 0.64 0.00	20.83 0.69 0.00	18.51 0.60 0.00	19.29 0.64 0.00	20.99 0.65 0.00	21.71 0.63 0.00	20.93 0.49 -0.75	22.81 0.47 -0.83	25.77 0.49 0.00	34.09 0.65 0.00	34.93 0.67 0.00	34.40 0.99 0.00	37.92 1.29 0.00	39.36 1.56 0.00	39.43 1.48 0.00	36.80 1.40 0.00	38.26 1.39 0.00	36.18 1.42 0.00	38.20 1.27 -7.81	65.55 0.78 -45.98	48.29 0.98 -22.72	38.87 1.17 -9.64	30.55 1.08 -2.87
STATE_ST_34_KV_LOAD 55959	20.62 0.41 0.00	21.92 0.37 0.00	20.45 0.31 0.00	18.16 0.25 0.00	18.96 0.31 0.00	20.72 0.38 0.00	21.46 0.38 0.00	20.15 0.46 0.00	22.06 0.56 0.00	26.05 0.76 0.00	34.33 0.88 0.00	35.41 1.15 0.00	34.57 1.16 0.00	38.65 1.43 -0.58	40.03 1.35 -0.88	40.90 1.46 -1.49	36.25 1.53 0.68	39.66 1.70 -1.10	37.58 1.65 -1.17	31.14 1.22 -0.80	22.35 0.83 -2.74	27.17 0.79 -1.79	29.30 0.57 -0.68	27.19 0.47 -0.12
STATION 5_MISC_HYD 23604	20.88 0.67 0.00	22.16 0.60 0.00	20.54 0.40 0.00	18.22 0.32 0.00	18.92 0.26 0.00	20.75 0.41 0.00	21.60 0.52 0.00	20.35 0.66 0.00	22.33 0.82 0.00	26.38 1.10 0.00	35.01 1.57 0.00	36.28 2.02 0.00	35.09 1.67 0.00	38.42 1.91 0.13	39.61 2.00 0.19	39.61 1.98 0.33	35.75 1.90 1.55	38.92 2.48 0.44	36.45 1.95 0.26	30.86 1.41 -0.34	22.23 0.99 -2.46	26.40 0.69 -1.12	28.99 0.43 -0.49	27.09 0.37 -0.12
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.76 0.55 0.00	22.03 0.47 0.00	20.46 0.31 0.00	18.16 0.25 0.00	18.89 0.24 0.00	20.70 0.36 0.00	21.56 0.48 0.00	20.26 0.57 0.00	22.22 0.71 0.00	26.26 0.97 0.00	34.87 1.42 0.00	36.12 1.86 0.00	35.00 1.59 0.00	38.56 1.92 0.00	39.82 2.02 0.00	39.96 2.01 0.00	35.82 1.86 1.43	38.93 2.30 0.24	36.67 1.91 0.00	30.95 1.42 -0.42	22.22 0.96 -2.48	26.54 0.73 -1.23	29.06 0.48 -0.52	27.11 0.39 -0.12
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.71 0.51 0.00	21.97 0.41 0.00	20.38 0.24 0.00	18.08 0.17 0.00	18.78 0.12 0.00	20.59 0.24 0.00	21.43 0.35 0.00	20.29 0.60 0.00	22.37 0.86 0.00	26.42 1.13 0.00	35.15 1.70 0.00	36.46 2.20 0.00	35.33 1.92 0.00	38.75 2.24 0.13	40.03 2.41 0.19	40.04 2.41 0.32	36.12 2.27 1.55	39.55 2.87 0.19	36.80 2.29 0.25	31.12 1.67 -0.34	22.33 1.12 -2.43	26.55 0.85 -1.11	29.13 0.58 -0.49	27.18 0.47 -0.12
STA_56___34_KV_BUS2 355983	20.71 0.51 0.00	21.97 0.41 0.00	20.38 0.24 0.00	18.08 0.17 0.00	18.78 0.12 0.00	20.59 0.24 0.00	21.43 0.35 0.00	20.29 0.60 0.00	22.37 0.86 0.00	26.42 1.13 0.00	35.15 1.70 0.00	36.46 2.20 0.00	35.33 1.92 0.00	38.75 2.24 0.13	40.03 2.41 0.19	40.04 2.41 0.32	36.12 2.27 1.55	39.55 2.87 0.19	36.80 2.29 0.25	31.12 1.67 -0.34	22.33 1.12 -2.43	26.55 0.85 -1.11	29.13 0.58 -0.49	27.18 0.47 -0.12
STA_67___115KV_BK2 355882	20.83 0.63 0.00	22.10 0.55 0.00	20.49 0.35 0.00	18.19 0.28 0.00	18.88 0.22 0.00	20.70 0.36 0.00	21.55 0.47 0.00	20.30 0.60 0.00	22.27 0.76 0.00	26.31 1.02 0.00	34.89 1.45 0.00	36.15 1.89 0.00	34.96 1.54 0.00	38.25 1.74 0.13	39.45 1.84 0.20	39.45 1.83 0.33	35.58 1.74 1.55	38.72 2.29 0.44	36.28 1.78 0.26	30.75 1.29 -0.34	22.15 0.91 -2.46	26.30 0.59 -1.12	28.88 0.33 -0.49	27.00 0.28 -0.12
STA_7___115KV_9TRANS 80674	21.01 0.80 0.00	22.27 0.72 0.00	20.65 0.51 0.00	18.32 0.41 0.00	19.02 0.36 0.00	20.86 0.52 0.00	21.71 0.64 0.00	20.46 0.77 0.00	22.46 0.95 0.00	26.55 1.26 0.00	35.22 1.78 0.00	36.52 2.26 0.00	35.34 1.93 0.00	38.72 2.21 0.13	39.96 2.35 0.19	39.98 2.36 0.33	36.09 2.24 1.55	39.27 2.84 0.44	36.79 2.29 0.26	31.15 1.70 -0.34	22.40 1.16 -2.46	26.61 0.90 -1.12	29.21 0.66 -0.49	27.29 0.57 -0.12
STA_82___115KV_TB1 80780	20.85 0.64 0.00	22.12 0.57 0.00	20.51 0.37 0.00	18.20 0.29 0.00	18.89 0.23 0.00	20.72 0.38 0.00	21.57 0.49 0.00	20.32 0.63 0.00	22.29 0.79 0.00	26.34 1.05 0.00	34.93 1.49 0.00	36.18 1.92 0.00	34.99 1.58 0.00	38.29 1.78 0.12	39.50 1.87 0.18	39.51 1.87 0.31	35.63 1.78 1.54	38.79 2.33 0.41	36.34 1.83 0.24	30.79 1.33 -0.35	22.19 0.94 -2.47	26.34 0.62 -1.13	28.91 0.35 -0.50	27.03 0.31 -0.12
STEEL___WIND 323596	21.10 0.89 0.00	22.38 0.83 0.00	20.67 0.53 0.00	18.32 0.42 0.00	19.02 0.36 0.00	20.88 0.54 0.00	21.80 0.72 0.00	20.53 0.83 0.00	22.56 1.05 0.00	26.71 1.42 0.00	35.52 2.07 0.00	36.88 2.62 0.00	35.39 1.98 0.00	38.92 2.28 0.00	40.05 2.25 0.00	40.07 2.12 0.00	36.08 1.93 1.24	39.24 2.54 0.17	36.50 1.74 0.00	30.88 1.20 -0.57	23.02 0.89 -3.35	26.54 0.29 -1.65	28.71 -0.05 -0.70	26.74 -0.02 -0.16
STEPHTWN_115KV_BK_2 55603	20.74 0.54 0.00	22.23 0.68 0.00	20.85 0.71 0.00	18.53 0.62 0.00	19.30 0.64 0.00	21.02 0.68 0.00	21.82 0.75 0.00	21.03 0.58 -0.76	22.92 0.58 -0.84	25.90 0.61 0.00	34.30 0.86 0.00	35.03 0.77 0.00	34.48 1.07 0.00	38.08 1.44 0.00	39.54 1.73 0.00	39.51 1.56 0.00	36.89 1.49 0.00	38.42 1.55 0.00	36.31 1.55 0.00	37.30 1.36 -6.83	59.85 0.87 -40.19	45.53 1.07 -19.86	37.75 1.27 -8.43	30.34 1.13 -2.60
STEUBEN_REC_LFGE 323667	21.02 0.81 0.00	22.13 0.58 0.00	20.39 0.25 0.00	18.12 0.21 0.00	18.95 0.29 0.00	20.70 0.36 0.00	21.56 0.49 0.00	20.35 0.66 0.00	22.49 0.99 0.00	26.60 1.31 0.00	35.32 1.87 0.00	36.80 2.54 0.00	35.35 1.93 0.00	39.21 2.45 -0.13	40.36 2.36 -0.19	40.45 2.17 -0.33	36.07 1.65 0.98	38.78 1.79 -0.11	36.47 1.45 -0.26	31.05 1.12 -0.81	23.88 0.74 -4.36	26.97 0.13 -2.25	28.92 -0.07 -0.94	26.65 -0.15 -0.20

STONY___BROOK 24151	21.69 1.48 0.00	23.01 1.45 0.00	21.74 1.59 0.00	19.26 1.35 0.00	20.14 1.49 0.00	21.88 1.54 0.00	22.65 1.57 0.00	24.11 1.13 -3.29	26.48 1.36 -3.62	27.21 1.85 -0.07	36.79 2.84 -0.51	38.67 3.18 -1.23	39.54 3.64 -2.49	42.16 4.13 -1.39	44.70 4.34 -2.55	56.39 4.51 -13.93	39.12 3.71 -0.01	69.51 3.55 -29.09	92.97 3.30 -54.91	34.72 2.45 -3.16	38.80 1.45 -18.57	35.40 1.64 -9.17	34.13 2.18 -3.89	32.96 2.44 -3.92
STURGEON_POOL_HYD 23609	21.03 0.82 0.00	22.45 0.90 0.00	21.00 0.86 0.00	18.63 0.72 0.00	19.42 0.76 0.00	21.16 0.82 0.00	21.97 0.89 0.00	20.47 0.78 0.00	22.33 0.82 0.00	26.40 1.11 0.00	35.16 1.72 0.00	36.19 1.93 0.00	35.62 2.21 0.00	39.35 2.71 0.00	40.98 3.17 0.00	41.26 3.31 0.00	38.37 2.98 0.00	39.82 2.95 0.00	37.41 2.66 0.00	34.92 2.17 -3.64	41.48 1.27 -21.43	36.75 1.57 -10.59	34.40 1.85 -4.49	29.35 1.73 -1.01
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.95 0.74 0.00	22.37 0.81 0.00	20.91 0.77 0.00	18.55 0.64 0.00	19.34 0.69 0.00	21.08 0.73 0.00	21.87 0.79 0.00	17.36 0.70 3.04	18.92 0.75 3.34	26.29 1.00 0.00	34.96 1.52 0.00	35.95 1.69 0.00	35.39 1.97 0.00	39.08 2.44 0.00	40.66 2.85 0.00	40.84 2.89 0.00	38.00 2.60 0.00	39.47 2.60 0.00	37.14 2.38 0.00	33.96 1.97 -2.89	36.93 1.17 -16.97	34.41 1.43 -8.39	33.30 1.68 -3.56	26.13 1.53 2.01
SWANROAD_115KV_TB1 355699	20.76 0.56 0.00	22.01 0.46 0.00	20.33 0.19 0.00	18.01 0.10 0.00	18.66 0.00 0.00	20.52 0.18 0.00	21.39 0.31 0.00	20.11 0.41 0.00	22.00 0.49 0.00	26.01 0.72 0.00	34.49 1.05 0.00	35.74 1.48 0.00	34.28 0.86 0.00	37.43 0.79 0.00	38.55 0.75 0.00	38.53 0.58 0.00	34.67 0.53 1.26	37.93 1.22 0.17	35.34 0.58 0.00	29.94 0.30 -0.52	22.18 0.31 -3.08	25.67 -0.44 -1.52	27.81 -0.89 -0.65	25.96 -0.78 -0.15
SYNERGY___BIOGAS 323694	21.46 1.25 0.00	22.74 1.19 0.00	21.02 0.88 0.00	18.62 0.71 0.00	19.31 0.65 0.00	21.24 0.90 0.00	22.17 1.09 0.00	20.90 1.21 0.00	22.87 1.37 0.00	27.02 1.73 0.00	35.95 2.50 0.00	37.27 3.02 0.00	35.89 2.48 0.00	39.38 2.74 0.00	40.62 2.82 0.00	40.69 2.74 0.00	36.66 2.55 1.29	40.10 3.38 0.15	37.51 2.75 0.00	31.68 2.08 -0.48	23.09 1.46 -2.85	27.08 1.09 -1.41	29.37 0.71 -0.60	27.36 0.63 -0.13
SYRACUSE___ENERGY_ST1 323597	20.22 0.01 0.00	21.53 -0.02 0.00	20.10 -0.04 0.00	17.88 -0.03 0.00	18.63 -0.03 0.00	20.34 -0.01 0.00	21.10 0.02 0.00	19.76 0.07 0.00	21.59 0.08 0.00	25.44 0.15 0.00	33.72 0.28 0.00	34.71 0.45 0.00	33.77 0.36 0.00	37.71 0.41 -0.66	39.24 0.44 -0.99	40.07 0.43 -1.69	34.98 0.42 0.84	38.64 0.54 -1.23	35.93 0.43 -0.74	29.42 0.28 -0.03	21.23 0.21 -2.24	26.24 0.05 -1.60	28.58 -0.07 -0.59	26.63 -0.07 -0.10
SYRACUSE___ENERGY_ST2 323598	20.22 0.01 0.00	21.53 -0.02 0.00	20.10 -0.04 0.00	17.88 -0.03 0.00	18.63 -0.03 0.00	20.34 -0.01 0.00	21.10 0.02 0.00	19.76 0.07 0.00	21.59 0.08 0.00	25.44 0.15 0.00	33.72 0.28 0.00	34.71 0.45 0.00	33.77 0.36 0.00	37.71 0.41 -0.66	39.24 0.44 -0.99	40.07 0.43 -1.69	34.98 0.42 0.84	38.64 0.54 -1.23	35.93 0.43 -0.74	29.42 0.28 -0.03	21.23 0.21 -2.24	26.24 0.05 -1.60	28.58 -0.07 -0.59	26.63 -0.07 -0.10
SYRACUSE___POWER 24017	20.22 0.01 0.00	21.53 -0.02 0.00	20.09 -0.05 0.00	17.89 -0.03 0.00	18.63 -0.03 0.00	20.32 -0.02 0.00	21.10 0.01 0.00	19.75 0.05 0.00	21.57 0.06 0.00	25.41 0.13 0.00	33.71 0.27 0.00	34.74 0.48 0.00	33.82 0.41 0.00	37.62 0.57 -0.41	39.05 0.63 -0.62	39.66 0.66 -1.04	34.66 0.60 1.34	38.26 0.75 -0.63	36.19 0.61 -0.82	30.17 0.44 -0.62	21.33 0.30 -2.25	26.14 0.13 -1.42	28.59 -0.01 -0.54	26.65 -0.05 -0.10
TALLMAN___138KV_BK151 55660	21.04 0.83 0.00	22.46 0.90 0.00	20.99 0.84 0.00	18.61 0.70 0.00	19.41 0.75 0.00	21.14 0.80 0.00	21.95 0.87 0.00	16.30 0.78 4.18	17.76 0.85 4.60	26.43 1.14 0.00	35.13 1.69 0.00	36.15 1.89 0.00	35.61 2.19 0.00	39.34 2.70 0.00	40.97 3.16 0.00	41.18 3.23 0.00	38.31 2.91 0.00	39.78 2.92 0.00	37.41 2.65 0.00	34.27 2.17 -2.99	37.65 1.30 -17.57	34.83 1.56 -8.68	33.60 1.86 -3.69	25.25 1.68 3.03
TEALLAVE_115KV_TB7 355573	20.12 -0.08 0.00	21.42 -0.13 0.00	19.99 -0.15 0.00	17.80 -0.11 0.00	18.53 -0.13 0.00	20.21 -0.13 0.00	20.98 -0.10 0.00	19.63 -0.06 0.00	21.44 -0.07 0.00	25.27 -0.02 0.00	33.53 0.09 0.00	34.56 0.30 0.00	33.65 0.24 0.00	37.34 0.38 -0.32	38.73 0.44 -0.48	39.24 0.46 -0.82	34.09 0.42 1.74	37.83 0.56 -0.39	35.82 0.42 -0.64	29.89 0.28 -0.51	20.85 0.19 -1.87	25.73 -0.02 -1.16	28.32 -0.19 -0.45	26.46 -0.22 -0.08
TELGRAPH_34_KV_EAST 80808	21.13 0.92 0.00	22.40 0.85 0.00	20.70 0.56 0.00	18.33 0.42 0.00	19.00 0.35 0.00	20.90 0.56 0.00	21.79 0.72 0.00	20.52 0.83 0.00	22.46 0.96 0.00	26.53 1.25 0.00	35.27 1.83 0.00	36.60 2.34 0.00	35.16 1.75 0.00	38.48 1.84 0.00	39.68 1.87 0.00	39.64 1.68 0.00	35.65 1.53 1.28	38.98 2.26 0.16	36.36 1.60 0.00	30.76 1.15 -0.50	22.58 0.85 -2.95	26.34 0.29 -1.46	28.57 -0.11 -0.62	26.64 -0.10 -0.14
TEMPLE___115KV_TB 2 55572	20.13 -0.07 0.00	21.44 -0.12 0.00	20.01 -0.13 0.00	17.81 -0.10 0.00	18.54 -0.11 0.00	20.23 -0.11 0.00	21.00 -0.08 0.00	19.65 -0.04 0.00	21.46 -0.05 0.00	25.30 0.01 0.00	33.57 0.12 0.00	34.60 0.34 0.00	33.69 0.28 0.00	37.39 0.43 -0.32	38.78 0.48 -0.48	39.28 0.51 -0.82	34.17 0.46 1.69	37.88 0.61 -0.40	35.85 0.45 -0.64	29.92 0.30 -0.51	20.89 0.21 -1.90	25.77 0.00 -1.18	28.35 -0.17 -0.46	26.49 -0.20 -0.08
TIANA___69_KV_BK 1 55817	21.93 1.72 0.00	23.23 1.68 0.00	22.09 1.95 0.00	19.62 1.71 0.00	20.52 1.86 0.00	22.30 1.96 0.00	23.08 2.00 0.00	24.28 1.30 -3.29	26.61 1.49 -3.62	27.39 2.03 -0.07	37.09 3.14 -0.51	39.04 3.55 -1.23	39.97 4.07 -2.49	42.73 4.71 -1.39	44.33 4.90 -1.63	51.82 4.96 -8.90	39.76 4.36 0.00	59.78 4.32 -18.59	68.29 4.10 -29.43	35.32 3.05 -3.16	39.24 1.89 -18.57	35.87 2.10 -9.17	34.47 2.52 -3.89	33.23 2.72 -3.91
TILDEN___115KV_TB1 80814	20.22 0.01 0.00	21.53 -0.02 0.00	20.09 -0.05 0.00	17.89 -0.03 0.00	18.63 -0.03 0.00	20.32 -0.02 0.00	21.10 0.01 0.00	19.75 0.05 0.00	21.57 0.06 0.00	25.41 0.13 0.00	33.71 0.27 0.00	34.74 0.48 0.00	33.82 0.41 0.00	37.62 0.57 -0.41	39.05 0.63 -0.62	39.66 0.66 -1.04	34.66 0.60 1.34	38.26 0.75 -0.63	36.19 0.61 -0.82	30.17 0.44 -0.62	21.33 0.30 -2.25	26.14 0.13 -1.42	28.59 -0.01 -0.54	26.65 -0.05 -0.10
TRIGEN___CC 323695	21.41 1.20 0.00	22.76 1.21 0.00	21.35 1.21 0.00	18.92 1.01 0.00	19.76 1.11 0.00	21.53 1.19 0.00	22.31 1.23 0.00	24.02 1.04 -3.29	26.32 1.19 -3.62	26.99 1.63 -0.07	36.42 2.47 -0.51	38.16 2.67 -1.23	38.86 2.96 -2.49	41.45 3.43 -1.38	41.62 3.81 0.00	41.84 3.89 0.00	38.75 3.35 0.00	40.13 3.26 0.00	37.74 2.98 0.00	34.61 2.34 -3.16	38.75 1.40 -18.57	35.46 1.69 -9.17	34.06 2.11 -3.89	32.73 2.21 -3.91

TRINITY__115KV__4 BK 55933	20.62 0.41 0.00	22.11 0.56 0.00	20.76 0.61 0.00	18.45 0.54 0.00	19.23 0.57 0.00	20.91 0.57 0.00	21.62 0.55 0.00	20.84 0.39 -0.76	22.71 0.37 -0.84	25.64 0.35 0.00	33.88 0.44 0.00	34.70 0.44 0.00	34.17 0.75 0.00	37.65 1.01 0.00	39.06 1.25 0.00	39.12 1.17 0.00	36.53 1.13 0.00	37.97 1.10 0.00	35.92 1.16 0.00	37.17 1.07 -6.99	60.58 0.66 -41.14	45.74 0.82 -20.33	37.71 1.02 -8.62	30.20 0.95 -2.65
UNION__PROCESSING_DRP 323587	20.86 0.65 0.00	22.12 0.57 0.00	20.52 0.37 0.00	18.21 0.30 0.00	18.90 0.24 0.00	20.73 0.39 0.00	21.58 0.50 0.00	20.32 0.63 0.00	22.31 0.80 0.00	26.35 1.07 0.00	34.94 1.50 0.00	36.21 1.95 0.00	35.01 1.60 0.00	38.31 1.79 0.12	39.53 1.90 0.18	39.54 1.89 0.30	35.65 1.79 1.54	38.83 2.36 0.40	36.37 1.85 0.24	30.81 1.35 -0.35	22.20 0.94 -2.47	26.36 0.64 -1.13	28.93 0.38 -0.50	27.05 0.33 -0.12
UPPER HUDSON__HYD 24058	21.26 1.06 0.00	22.72 1.16 0.00	21.27 1.13 0.00	18.88 0.97 0.00	19.70 1.05 0.00	21.48 1.14 0.00	22.27 1.19 0.00	21.36 0.94 -0.73	23.25 0.94 -0.80	26.35 1.07 0.00	34.68 1.24 0.00	35.69 1.43 0.00	35.18 1.77 0.00	38.68 2.04 0.00	40.09 2.29 0.00	40.42 2.47 0.00	37.99 2.59 0.00	39.59 2.72 0.00	37.75 2.99 0.00	41.75 2.49 -10.15	80.07 1.60 -59.70	56.15 2.06 -29.50	42.77 2.20 -12.52	32.08 1.99 -3.49
UPPER RAQUET__HYD 24056	19.65 -0.56 0.00	20.80 -0.75 0.00	19.42 -0.73 0.00	17.18 -0.72 0.00	17.92 -0.74 0.00	19.59 -0.75 0.00	20.36 -0.72 0.00	19.13 -0.57 0.00	20.94 -0.57 0.00	24.52 -0.77 0.00	32.27 -1.17 0.00	32.81 -1.45 0.00	37.28 -1.75 -5.62	42.00 -2.18 -7.54	21.82 -2.45 13.54	-37.61 -2.78 72.79	-122.24 -2.81 154.83	-62.66 -2.93 96.61	-22.78 -2.61 54.93	7.02 -2.09 20.00	10.24 -1.25 7.29	17.47 -1.11 6.01	26.94 -1.15 -0.03	25.45 -1.15 0.00
VALLEY44_115KV_TB2 355964	20.84 0.63 0.00	22.21 0.66 0.00	20.57 0.42 0.00	18.24 0.33 0.00	18.97 0.32 0.00	20.82 0.48 0.00	21.78 0.70 0.00	20.54 0.85 0.00	22.54 1.03 0.00	26.65 1.37 0.00	35.18 1.74 0.00	36.41 2.15 0.00	34.86 1.45 0.00	38.43 1.80 0.00	39.61 1.80 0.00	39.63 1.68 0.00	35.57 1.39 1.21	38.38 1.67 0.17	35.69 0.93 0.00	30.36 0.62 -0.63	23.02 0.51 -3.72	26.41 -0.02 -1.84	28.70 -0.14 -0.78	26.85 0.07 -0.18
VALLEY__115KV_TB 1-4 80826	20.27 0.06 0.00	21.72 0.17 0.00	20.36 0.22 0.00	18.10 0.19 0.00	18.88 0.22 0.00	20.58 0.23 0.00	21.32 0.24 0.00	19.79 0.10 0.00	21.53 0.02 0.00	25.25 -0.04 0.00	33.62 0.18 0.00	34.58 0.33 0.00	34.03 0.62 0.00	37.59 0.95 0.00	42.39 1.20 -3.38	52.61 0.94 -13.72	50.51 0.80 -14.31	51.89 0.90 -14.12	44.59 0.99 -8.85	32.48 0.92 -2.45	20.85 0.60 -1.47	26.49 0.67 -1.23	28.80 0.74 0.00	27.16 0.56 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.01 0.80 0.00	22.46 0.91 0.00	20.97 0.83 0.00	18.62 0.72 0.00	19.42 0.76 0.00	21.20 0.85 0.00	21.99 0.91 0.00	20.52 0.83 0.00	22.42 0.91 0.00	26.43 1.14 0.00	34.92 1.47 0.00	35.91 1.65 0.00	35.10 1.69 0.00	38.76 2.01 -0.11	40.15 2.17 -0.17	40.49 2.25 -0.28	37.68 2.08 -0.20	39.29 2.17 -0.26	36.97 1.99 -0.22	33.10 1.64 -2.35	33.29 1.05 -13.45	32.56 1.24 -6.73	32.24 1.34 -2.84	28.47 1.23 -0.63
VISCHER__FERRY HYD 24020	20.99 0.78 0.00	22.51 0.96 0.00	21.12 0.98 0.00	18.76 0.85 0.00	19.55 0.89 0.00	21.29 0.95 0.00	22.01 0.93 0.00	21.19 0.72 -0.77	23.08 0.72 -0.85	26.04 0.75 0.00	34.46 1.01 0.00	35.35 1.09 0.00	34.82 1.41 0.00	38.36 1.72 0.00	39.76 1.95 0.00	39.81 1.86 0.00	37.22 1.82 0.00	38.73 1.86 0.00	36.72 1.96 0.00	39.79 1.75 -8.92	72.39 1.10 -52.50	51.91 1.38 -25.95	40.63 1.57 -11.01	31.25 1.45 -3.19
V_A_10_SYNC_DSASP 323832	20.73 0.52 0.00	22.00 0.45 0.00	20.36 0.22 0.00	18.05 0.14 0.00	18.72 0.06 0.00	20.56 0.22 0.00	21.42 0.34 0.00	20.15 0.45 0.00	22.09 0.58 0.00	26.12 0.83 0.00	34.63 1.19 0.00	35.87 1.62 0.00	34.50 1.09 0.00	37.67 1.16 0.13	38.79 1.18 0.20	38.67 1.05 0.33	34.82 0.94 1.51	37.91 1.52 0.48	35.42 0.92 0.26	30.09 0.59 -0.39	22.03 0.50 -2.75	25.79 -0.06 -1.26	28.21 -0.40 -0.55	26.40 -0.34 -0.13
V_CMM_10_SYNC_DSASP 323787	19.99 -0.22 0.00	21.25 -0.31 0.00	19.81 -0.33 0.00	17.60 -0.31 0.00	18.33 -0.33 0.00	20.00 -0.34 0.00	20.73 -0.34 0.00	19.45 -0.25 0.00	21.28 -0.23 0.00	24.93 -0.35 0.00	32.85 -0.59 0.00	33.43 -0.83 0.00	32.40 -1.02 0.00	35.30 -1.34 0.00	26.70 -1.57 9.53	-6.97 -1.70 43.22	-3.33 -1.62 37.11	-23.29 -1.73 58.43	6.67 -1.58 26.51	26.17 -1.27 1.67	14.34 -0.78 3.67	20.82 -0.71 3.06	27.31 -0.75 0.00	25.99 -0.61 0.00
V_CMP_10_SYNC_DSASP 323788	20.69 0.49 0.00	21.73 0.17 0.00	20.10 -0.04 0.00	17.67 -0.24 0.00	18.38 -0.27 0.00	19.94 -0.40 0.00	20.71 -0.37 0.00	19.66 -0.03 0.00	21.78 0.28 0.00	25.28 -0.01 0.00	32.53 -0.91 0.00	32.50 -1.75 0.00	-4.44 -2.58 35.27	-13.04 -3.09 46.59	0.89 -3.27 33.64	-14.63 -3.13 49.46	-22.59 -2.73 55.26	-28.36 -2.64 62.59	2.63 -2.47 29.66	23.46 -1.87 3.78	13.97 -1.18 3.64	20.24 -1.31 3.04	26.82 -1.24 0.00	26.14 -0.46 0.00
V_E_10_SYNC_DSASP 323830	21.70 1.49 0.00	23.05 1.49 0.00	21.48 1.33 0.00	19.11 1.20 0.00	19.98 1.32 0.00	21.89 1.55 0.00	22.90 1.82 0.00	21.42 1.73 0.00	23.41 1.90 0.00	27.53 2.24 0.00	36.42 2.98 0.00	37.57 3.31 0.00	36.52 3.11 0.00	40.67 3.78 -0.25	42.03 3.84 -0.37	42.55 3.96 -0.64	39.58 3.73 -0.45	41.49 4.04 -0.58	39.31 4.05 -0.50	33.90 3.35 -1.44	28.50 2.10 -7.62	30.93 2.38 -3.95	31.89 2.19 -1.64	28.80 1.85 -0.36
V_F_30_NSYNC__DSASP 323816	21.31 1.10 0.00	22.81 1.26 0.00	21.37 1.23 0.00	18.98 1.07 0.00	19.79 1.13 0.00	21.58 1.23 0.00	22.33 1.26 0.00	21.46 1.04 -0.73	23.39 1.07 -0.81	26.49 1.20 0.00	35.00 1.56 0.00	35.96 1.71 0.00	35.42 2.01 0.00	39.02 2.38 0.00	40.47 2.66 0.00	40.66 2.70 0.00	38.05 2.65 0.00	39.65 2.78 0.00	37.60 2.84 0.00	41.53 2.42 -10.00	79.15 1.53 -58.83	55.59 1.93 -29.07	42.52 2.13 -12.33	32.00 1.94 -3.46
V_F_30_SYNC_DSASP 323786	20.69 0.49 0.00	22.19 0.63 0.00	20.83 0.69 0.00	18.51 0.60 0.00	19.29 0.64 0.00	20.99 0.65 0.00	21.71 0.63 0.00	20.93 0.48 -0.75	22.80 0.47 -0.83	25.77 0.48 0.00	34.09 0.64 0.00	34.93 0.67 0.00	34.40 0.98 0.00	37.92 1.29 0.00	39.36 1.55 0.00	39.43 1.47 0.00	36.80 1.40 0.00	38.26 1.38 0.00	36.17 1.41 0.00	38.12 1.27 -7.75	65.16 0.78 -45.59	48.09 0.97 -22.53	38.79 1.17 -9.56	30.53 1.08 -2.85
V_XM_10_SYNC_DSASP 323789	20.69 0.49 0.00	21.73 0.17 0.00	20.10 -0.04 0.00	17.67 -0.24 0.00	18.38 -0.27 0.00	19.94 -0.40 0.00	20.71 -0.37 0.00	19.66 -0.03 0.00	21.78 0.28 0.00	25.28 -0.01 0.00	32.53 -0.91 0.00	32.50 -1.75 0.00	-4.44 -2.58 35.27	-13.04 -3.09 46.59	0.89 -3.27 33.64	-14.63 -3.13 49.46	-22.59 -2.73 55.26	-28.36 -2.64 62.59	2.63 -2.47 29.66	23.46 -1.87 3.78	13.97 -1.18 3.64	20.24 -1.31 3.04	26.82 -1.24 0.00	26.14 -0.46 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.11 0.90 0.00	22.53 0.97 0.00	21.06 0.92 0.00	18.68 0.77 0.00	19.48 0.82 0.00	21.22 0.88 0.00	22.02 0.94 0.00	16.08 0.86 4.47	17.52 0.93 4.92	26.53 1.24 0.00	35.26 1.82 0.00	36.30 2.04 0.00	35.76 2.35 0.00	39.53 2.89 0.00	41.16 3.35 0.00	41.37 3.41 0.00	38.48 3.09 0.00	39.96 3.09 0.00	37.57 2.81 0.00	34.42 2.30 -3.01	37.86 1.37 -17.71	35.00 1.66 -8.75	33.74 1.97 -3.71	25.09 1.79 3.30
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.30 1.09 0.00	22.71 1.15 0.00	21.23 1.08 0.00	18.82 0.91 0.00	19.62 0.96 0.00	21.38 1.04 0.00	22.21 1.14 0.00	24.06 1.06 -3.32	26.36 1.20 -3.65	26.85 1.56 0.00	35.64 2.19 0.00	36.62 2.36 0.00	36.06 2.65 0.00	39.84 3.20 0.00	41.51 3.70 0.00	41.73 3.78 0.00	38.74 3.34 0.00	40.19 3.32 0.00	37.77 3.01 0.00	34.75 2.48 -3.15	38.81 1.46 -18.56	35.56 1.80 -9.17	34.14 2.19 -3.89	32.61 2.07 -3.94
W50THST__13_KV_LOAD 356117	21.44 1.23 0.00	22.85 1.30 0.00	21.36 1.22 0.00	18.93 1.02 0.00	19.75 1.09 0.00	21.53 1.18 0.00	22.38 1.30 0.00	24.24 1.23 -3.32	26.56 1.41 -3.65	27.10 1.81 0.00	35.97 2.53 0.00	36.95 2.69 0.00	36.38 2.97 0.00	40.20 3.56 0.00	41.87 4.06 0.00	42.09 4.13 0.00	39.06 3.67 0.00	40.53 3.66 0.00	38.06 3.31 0.00	34.99 2.73 -3.15	38.96 1.61 -18.56	35.73 1.97 -9.17	34.31 2.37 -3.89	32.78 2.24 -3.94
WADING RIVER_IC_1 23522	21.59 1.39 0.00	22.89 1.34 0.00	21.86 1.72 0.00	19.44 1.53 0.00	20.33 1.67 0.00	22.07 1.73 0.00	22.85 1.77 0.00	23.93 0.95 -3.29	26.24 1.12 -3.62	26.91 1.56 -0.07	36.38 2.43 -0.51	38.26 2.77 -1.23	39.18 3.28 -2.49	41.80 3.77 -1.39	43.38 3.96 -1.61	50.73 3.96 -8.82	38.78 3.37 0.00	58.57 3.28 -18.42	66.92 3.22 -28.94	34.62 2.36 -3.16	38.81 1.45 -18.57	35.31 1.55 -9.17	33.89 1.94 -3.89	32.72 2.21 -3.92
WADING RIVER_IC_2 23547	21.59 1.39 0.00	22.89 1.34 0.00	21.86 1.72 0.00	19.44 1.53 0.00	20.33 1.67 0.00	22.07 1.73 0.00	22.85 1.77 0.00	23.93 0.95 -3.29	26.24 1.12 -3.62	26.91 1.56 -0.07	36.38 2.43 -0.51	38.26 2.77 -1.23	39.18 3.28 -2.49	41.80 3.77 -1.39	43.38 3.96 -1.61	50.73 3.96 -8.82	38.78 3.37 0.00	58.57 3.28 -18.42	66.92 3.22 -28.94	34.62 2.36 -3.16	38.81 1.45 -18.57	35.31 1.55 -9.17	33.89 1.94 -3.89	32.72 2.21 -3.92
WADING RIVER_IC_3 23601	21.59 1.39 0.00	22.89 1.34 0.00	21.86 1.72 0.00	19.44 1.53 0.00	20.33 1.67 0.00	22.07 1.73 0.00	22.85 1.77 0.00	23.93 0.95 -3.29	26.24 1.12 -3.62	26.91 1.56 -0.07	36.38 2.43 -0.51	38.26 2.77 -1.23	39.18 3.28 -2.49	41.80 3.77 -1.39	43.38 3.96 -1.61	50.73 3.96 -8.82	38.78 3.37 0.00	58.57 3.28 -18.42	66.92 3.22 -28.94	34.62 2.36 -3.16	38.81 1.45 -18.57	35.31 1.55 -9.17	33.89 1.94 -3.89	32.72 2.21 -3.92
WALDENNY_I2_KV_BK2 80841	21.15 0.94 0.00	22.42 0.87 0.00	20.71 0.57 0.00	18.35 0.44 0.00	19.04 0.38 0.00	20.92 0.57 0.00	21.84 0.76 0.00	20.57 0.88 0.00	22.60 1.09 0.00	26.76 1.47 0.00	35.57 2.13 0.00	36.97 2.71 0.00	35.51 2.10 0.00	38.98 2.34 0.00	40.17 2.37 0.00	40.18 2.23 0.00	36.15 2.00 1.24	39.32 2.62 0.17	36.60 1.84 0.00	30.98 1.31 -0.56	23.05 0.95 -3.32	26.59 0.36 -1.64	28.77 0.01 -0.70	26.77 0.01 -0.16
WALDEN__HYDRO 24148	21.19 0.98 0.00	22.62 1.07 0.00	21.14 1.00 0.00	18.75 0.84 0.00	19.54 0.88 0.00	21.30 0.96 0.00	22.11 1.04 0.00	19.88 0.94 0.75	21.69 1.01 0.83	26.57 1.28 0.00	35.25 1.81 0.00	36.24 1.99 0.00	35.65 2.24 0.00	39.36 2.72 0.00	41.05 3.25 0.00	41.30 3.35 0.00	38.42 3.02 0.00	40.05 3.18 0.00	37.68 2.92 0.00	34.62 2.45 -3.06	38.29 1.50 -18.00	35.33 1.84 -8.90	33.94 2.10 -3.78	28.66 1.91 -0.15
WARRENSBURG____ 23737	21.26 1.06 0.00	22.72 1.16 0.00	21.27 1.13 0.00	18.88 0.97 0.00	19.70 1.05 0.00	21.48 1.14 0.00	22.27 1.19 0.00	21.36 0.94 -0.73	23.25 0.94 -0.80	26.35 1.07 0.00	34.68 1.24 0.00	35.69 1.43 0.00	35.18 1.77 0.00	38.68 2.04 0.00	40.09 2.29 0.00	40.42 2.47 0.00	37.99 2.59 0.00	39.59 2.72 0.00	37.75 2.99 0.00	41.75 2.49 -10.15	80.07 1.60 -59.70	56.15 2.06 -29.50	42.77 2.20 -12.52	32.08 1.99 -3.49
WATERSIDE____6 8 9 23538	21.30 1.09 0.00	22.70 1.15 0.00	21.23 1.08 0.00	18.81 0.90 0.00	19.62 0.96 0.00	21.38 1.04 0.00	22.20 1.12 0.00	24.04 1.04 -3.31	26.33 1.17 -3.65	26.79 1.50 0.00	35.52 2.08 0.00	36.49 2.23 0.00	35.94 2.53 0.00	39.71 3.07 0.00	41.37 3.56 0.00	41.58 3.62 0.00	38.57 3.18 0.00	40.02 3.15 0.00	37.60 2.84 0.00	34.69 2.43 -3.15	38.74 1.40 -18.56	35.47 1.72 -9.17	34.10 2.15 -3.89	32.60 2.06 -3.94
WATKINRD_115KV_LN8_ILLION 55919	20.26 0.05 0.00	21.68 0.13 0.00	20.31 0.17 0.00	18.06 0.15 0.00	18.83 0.17 0.00	20.52 0.18 0.00	21.26 0.18 0.00	19.78 0.08 0.00	21.53 0.02 0.00	25.27 -0.02 0.00	33.54 0.09 0.00	34.45 0.19 0.00	33.80 0.39 0.00	37.26 0.63 0.00	42.01 0.82 -3.38	52.36 0.69 -13.72	50.32 0.61 -14.31	51.68 0.69 -14.12	44.37 0.77 -8.85	32.28 0.71 -2.45	20.72 0.46 -1.47	26.35 0.53 -1.23	28.63 0.57 0.00	27.04 0.44 0.00
WATSON__69_KV_BK 1 55734	21.91 1.70 0.00	23.22 1.67 0.00	21.88 1.74 0.00	19.37 1.46 0.00	20.26 1.60 0.00	22.04 1.70 0.00	22.83 1.75 0.00	24.37 1.39 -3.29	26.78 1.66 -3.62	27.57 2.21 -0.07	37.34 3.39 -0.51	39.22 3.74 -1.23	40.03 4.13 -2.49	42.66 4.63 -1.38	43.41 4.77 -0.84	47.42 4.89 -4.58	39.71 4.31 0.00	50.61 4.18 -9.56	54.20 3.89 -15.56	35.23 2.96 -3.16	39.13 1.78 -18.57	35.84 2.07 -9.17	34.55 2.60 -3.89	33.33 2.81 -3.91
WDELAWARE__HYD 323627	20.91 0.70 0.00	22.30 0.75 0.00	20.83 0.69 0.00	18.47 0.57 0.00	19.26 0.60 0.00	20.99 0.65 0.00	21.79 0.71 0.00	19.87 0.65 0.48	21.68 0.70 0.53	26.22 0.93 0.00	34.65 1.21 0.00	35.65 1.39 0.00	34.92 1.51 0.00	37.66 1.03 0.00	39.36 1.55 0.00	39.80 1.84 0.00	37.26 1.86 0.00	38.70 1.83 0.00	36.46 1.71 0.00	33.42 1.41 -2.90	36.71 0.86 -17.06	34.50 1.48 -8.43	33.26 1.62 -3.58	28.40 1.43 -0.37
WEST BABYLON__IC 23714	21.81 1.61 0.00	23.14 1.59 0.00	21.77 1.63 0.00	19.27 1.36 0.00	20.15 1.49 0.00	21.94 1.60 0.00	22.73 1.65 0.00	24.33 1.35 -3.29	26.72 1.60 -3.62	27.50 2.14 -0.07	37.23 3.28 -0.51	39.04 3.55 -1.23	39.80 3.90 -2.49	42.39 4.36 -1.38	42.53 4.54 -0.18	43.59 4.63 -1.01	39.43 4.04 0.00	42.89 3.91 -2.11	40.37 3.61 -1.99	35.05 2.78 -3.16	39.02 1.67 -18.57	35.75 1.98 -9.17	34.45 2.50 -3.89	33.24 2.72 -3.91
WEST CANADA__HYD 24049	20.27 0.06 0.00	21.63 0.08 0.00	20.23 0.08 0.00	18.00 0.08 0.00	18.75 0.09 0.00	20.44 0.10 0.00	21.19 0.10 0.00	19.76 0.07 0.00	21.58 0.07 0.00	25.38 0.09 0.00	33.60 0.15 0.00	34.46 0.20 0.00	33.65 0.24 0.00	36.98 0.34 0.00	41.61 0.42 -3.38	52.07 0.39 -13.72	50.06 0.35 -14.31	51.35 0.37 -14.12	43.97 0.36 -8.85	31.86 0.30 -2.45	20.43 0.18 -1.47	26.02 0.20 -1.23	28.27 0.21 0.00	26.76 0.16 0.00



WESTERN_NY_WIND 24143	21.44 1.23 0.00	22.72 1.17 0.00	21.01 0.87 0.00	18.61 0.70 0.00	19.30 0.64 0.00	21.23 0.88 0.00	22.15 1.07 0.00	20.88 1.18 0.00	22.85 1.34 0.00	27.00 1.71 0.00	35.91 2.47 0.00	37.24 2.98 0.00	35.85 2.43 0.00	39.32 2.68 0.00	40.56 2.76 0.00	40.62 2.67 0.00	36.60 2.49 1.28	40.04 3.32 0.15	37.44 2.68 0.00	31.63 2.03 -0.49	23.09 1.43 -2.88	27.05 1.04 -1.42	29.32 0.66 -0.60	27.32 0.58 -0.14
WESTOVER___LESR 323668	20.50 0.30 0.00	21.90 0.34 0.00	20.42 0.27 0.00	18.14 0.23 0.00	18.94 0.28 0.00	20.66 0.32 0.00	21.51 0.43 0.00	20.15 0.46 0.00	22.06 0.55 0.00	26.02 0.73 0.00	34.44 1.00 0.00	35.55 1.30 0.00	34.50 1.09 0.00	38.39 1.52 -0.23	39.71 1.56 -0.34	40.16 1.63 -0.58	37.20 1.40 -0.41	38.87 1.47 -0.53	36.40 1.19 -0.45	31.29 0.95 -1.23	25.88 0.63 -6.47	28.48 0.52 -3.37	29.93 0.48 -1.40	27.32 0.41 -0.30
WETHRSFD_WT_PWR 323626	20.77 0.56 0.00	22.02 0.47 0.00	20.34 0.20 0.00	18.06 0.15 0.00	18.80 0.14 0.00	20.58 0.24 0.00	21.46 0.38 0.00	20.19 0.50 0.00	22.25 0.74 0.00	26.35 1.06 0.00	34.93 1.49 0.00	36.29 2.04 0.00	34.87 1.46 0.00	38.47 1.83 0.00	39.53 1.73 0.00	39.55 1.60 0.00	35.46 1.28 1.22	38.38 1.67 0.17	35.83 1.08 0.00	30.47 0.73 -0.63	23.01 0.51 -3.71	26.16 -0.26 -1.83	28.23 -0.61 -0.78	26.24 -0.54 -0.17
WHAVSTOR_138KV_BK127 55557	21.01 0.80 0.00	22.42 0.87 0.00	20.97 0.83 0.00	18.60 0.69 0.00	19.40 0.74 0.00	21.13 0.78 0.00	21.91 0.84 0.00	15.92 0.75 4.53	17.34 0.81 4.98	26.38 1.09 0.00	35.04 1.60 0.00	36.05 1.79 0.00	35.51 2.09 0.00	39.22 2.58 0.00	40.84 3.03 0.00	41.05 3.10 0.00	38.19 2.79 0.00	39.66 2.79 0.00	37.29 2.52 0.00	34.20 2.07 -3.02	37.75 1.23 -17.74	34.85 1.49 -8.76	33.56 1.79 -3.72	24.89 1.64 3.35
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.01 0.80 0.00	22.42 0.87 0.00	20.97 0.83 0.00	18.60 0.69 0.00	19.40 0.74 0.00	21.13 0.78 0.00	21.91 0.84 0.00	15.92 0.75 4.53	17.34 0.81 4.98	26.38 1.09 0.00	35.04 1.60 0.00	36.05 1.79 0.00	35.51 2.09 0.00	39.22 2.58 0.00	40.84 3.03 0.00	41.05 3.10 0.00	38.19 2.79 0.00	39.66 2.79 0.00	37.29 2.52 0.00	34.20 2.07 -3.02	37.75 1.23 -17.74	34.85 1.49 -8.76	33.56 1.79 -3.72	24.89 1.64 3.35
WHITEHAL_115KV_TB1 80871	22.09 1.88 0.00	23.50 1.95 0.00	21.94 1.80 0.00	19.43 1.53 0.00	20.34 1.68 0.00	22.16 1.81 0.00	23.06 1.98 0.00	21.87 1.45 -0.73	23.70 1.39 -0.80	26.85 1.56 0.00	35.73 2.29 0.00	36.75 2.50 0.00	36.42 3.00 0.00	40.08 3.45 0.00	41.36 3.55 0.00	41.93 3.98 0.00	39.64 4.24 0.00	41.45 4.58 0.00	39.56 4.80 0.00	43.01 3.82 -10.08	80.57 2.46 -59.33	57.00 3.09 -29.32	43.77 3.27 -12.44	33.20 3.12 -3.48
WHITEPLN_13_KV_LOAD 356215	21.31 1.10 0.00	22.73 1.18 0.00	21.26 1.11 0.00	18.84 0.93 0.00	19.65 0.99 0.00	21.41 1.07 0.00	22.24 1.16 0.00	24.28 1.07 -3.52	26.57 1.19 -3.88	26.82 1.54 0.00	35.86 2.41 0.00	36.91 2.65 0.00	36.34 2.93 0.00	40.20 3.56 0.00	41.87 4.06 0.00	41.95 4.00 0.00	38.87 3.47 0.00	40.36 3.49 0.00	37.93 3.17 0.00	34.86 2.60 -3.14	38.85 1.55 -18.51	35.64 1.90 -9.15	34.18 2.24 -3.88	32.82 2.09 -4.13
WM_FLOYD_69_KV_BK2 356380	21.72 1.51 0.00	23.02 1.46 0.00	21.85 1.70 0.00	19.38 1.48 0.00	20.27 1.61 0.00	22.02 1.68 0.00	22.78 1.70 0.00	24.08 1.10 -3.29	26.41 1.29 -3.62	27.10 1.74 -0.07	36.69 2.74 -0.51	38.57 3.08 -1.23	39.45 3.54 -2.49	42.09 4.07 -1.39	43.75 4.23 -1.71	51.59 4.31 -9.32	39.14 3.74 0.00	60.00 3.65 -19.48	70.10 3.46 -31.88	34.86 2.59 -3.16	38.93 1.58 -18.57	35.51 1.75 -9.17	34.12 2.17 -3.89	32.93 2.41 -3.91
WOODARD___115KV_TB2 355635	20.06 -0.15 0.00	21.35 -0.20 0.00	19.93 -0.21 0.00	17.74 -0.17 0.00	18.47 -0.19 0.00	20.15 -0.19 0.00	20.91 -0.17 0.00	19.58 -0.12 0.00	21.38 -0.13 0.00	25.19 -0.10 0.00	33.42 -0.03 0.00	34.43 0.17 0.00	33.51 0.10 0.00	37.28 0.22 -0.42	38.70 0.27 -0.63	39.31 0.29 -1.06	34.14 0.26 1.52	37.91 0.41 -0.62	35.30 0.29 -0.25	29.11 0.16 0.17	20.83 0.12 -1.93	25.75 -0.10 -1.27	28.27 -0.27 -0.48	26.39 -0.29 -0.09
YORK___WARBASSE 23770	21.39 1.18 0.00	22.80 1.25 0.00	21.32 1.18 0.00	18.90 0.99 0.00	19.70 1.05 0.00	21.47 1.14 0.00	22.26 1.19 0.00	24.09 1.08 -3.31	26.39 1.24 -3.65	26.91 1.62 0.00	35.72 2.28 0.00	36.72 2.46 0.00	36.16 2.75 0.00	39.94 3.31 0.00	41.58 3.77 0.00	41.77 3.82 0.00	38.76 3.36 0.00	40.24 3.37 0.00	37.83 3.06 0.00	34.91 2.64 -3.16	38.87 1.53 -18.56	35.64 1.88 -9.18	34.30 2.35 -3.90	32.73 2.20 -3.94