

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/26/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	25.04	28.17	25.03	25.35	25.08	34.10	32.38	39.20	40.31	49.64	41.27	42.74	37.92	47.35	57.80	52.32	42.24	41.03	41.11	41.72	39.02	37.43	39.14	37.87
24138	1.29	1.36	1.15	1.13	1.09	1.51	1.58	1.94	1.80	2.29	2.12	2.43	2.34	2.46	3.07	3.17	2.58	2.46	2.70	2.74	2.34	2.03	1.92	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	25.03	28.17	25.02	25.35	25.07	34.09	32.37	39.16	40.25	49.57	41.22	42.65	37.84	47.25	57.68	52.21	42.16	40.95	41.05	41.68	39.00	37.41	39.12	37.84
24260	1.28	1.36	1.14	1.13	1.09	1.50	1.57	1.90	1.74	2.22	2.06	2.34	2.26	2.37	2.95	3.07	2.49	2.39	2.64	2.70	2.32	2.01	1.90	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	25.03	28.17	25.02	25.35	25.07	34.09	32.37	39.16	40.25	49.57	41.22	42.65	37.84	47.25	57.68	52.21	42.16	40.95	41.05	41.68	39.00	37.41	39.12	37.84
24261	1.28	1.36	1.14	1.13	1.09	1.50	1.57	1.90	1.74	2.22	2.06	2.34	2.26	2.37	2.95	3.07	2.49	2.39	2.64	2.70	2.32	2.01	1.90	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	25.38	28.64	25.43	25.67	25.47	34.55	32.69	39.50	40.86	50.44	41.80	43.05	38.01	47.83	58.38	52.87	42.60	41.37	41.40	41.96	39.43	37.71	39.21	37.85
24011	1.63	1.82	1.55	1.46	1.49	1.96	1.90	2.24	2.35	3.09	2.64	2.74	2.43	2.94	3.66	3.73	2.93	2.81	2.99	2.98	2.75	2.31	1.99	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	25.57	28.88	25.63	25.84	25.65	34.78	32.90	39.71	41.10	50.75	42.07	43.36	38.26	48.17	58.85	53.41	43.04	41.78	41.83	42.36	39.79	38.01	39.44	38.02
23798	1.82	2.06	1.75	1.62	1.66	2.19	2.10	2.45	2.59	3.40	2.92	3.05	2.68	3.28	4.12	4.26	3.37	3.22	3.42	3.38	3.11	2.61	2.22	1.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	25.38	28.64	25.43	25.67	25.47	34.55	32.69	39.50	40.86	50.44	41.80	43.05	38.01	47.83	58.38	52.87	42.60	41.37	41.40	41.96	39.43	37.71	39.21	37.85
24028	1.63	1.82	1.55	1.46	1.49	1.96	1.90	2.24	2.35	3.09	2.64	2.74	2.43	2.94	3.66	3.73	2.93	2.81	2.99	2.98	2.75	2.31	1.99	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	25.01	28.16	25.05	25.27	25.09	33.73	31.75	38.27	39.58	48.78	40.42	41.68	36.84	46.30	56.51	51.21	40.85	39.64	39.67	40.36	38.17	36.56	38.07	36.76
23527	1.26	1.35	1.17	1.05	1.10	1.14	0.95	1.01	1.07	1.42	1.27	1.36	1.25	1.42	1.79	2.07	1.19	1.08	1.26	1.38	1.49	1.16	0.85	0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	23.96	26.99	24.05	24.31	24.10	32.59	30.82	37.22	38.73	47.83	39.47	40.51	35.84	45.02	54.86	49.56	39.86	38.67	38.65	39.27	36.93	35.47	37.16	35.98
24190	0.21	0.17	0.16	0.09	0.12	0.00	0.02	-0.04	0.22	0.48	0.31	0.19	0.25	0.13	0.14	0.42	0.19	0.11	0.24	0.29	0.25	0.07	-0.06	-0.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	23.31	26.43	23.55	23.89	23.65	32.15	30.40	36.83	38.15	46.88	38.78	39.86	35.05	44.54	54.22	48.54	39.17	38.27	37.94	38.61	36.45	35.43	37.44	36.27
355683	-0.43	-0.38	-0.34	-0.33	-0.34	-0.44	-0.40	-0.43	-0.36	-0.47	-0.37	-0.46	-0.54	-0.35	-0.50	-0.60	-0.50	-0.30	-0.47	-0.37	-0.23	0.04	0.22	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	24.53	27.66	24.64	24.93	24.72	33.46	31.63	38.17	39.55	48.78	40.24	41.36	36.53	45.98	56.02	50.53	40.70	39.50	39.50	40.11	37.72	36.24	38.00	36.83
323833	0.78	0.84	0.76	0.71	0.73	0.86	0.83	0.91	1.04	1.42	1.09	1.04	0.94	1.09	1.30	1.38	1.03	0.94	1.09	1.14	1.05	0.84	0.78	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	24.52	27.64	24.63	24.92	24.71	33.45	31.61	38.16	39.54	48.78	40.23	41.35	36.52	45.96	55.98	50.52	40.69	39.49	39.49	40.10	37.71	36.23	37.99	36.82
323834	0.77	0.83	0.75	0.70	0.72	0.86	0.81	0.90	1.03	1.42	1.08	1.03	0.93	1.07	1.25	1.38	1.03	0.93	1.08	1.12	1.03	0.83	0.77	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	23.96	26.99	24.05	24.31	24.10	32.59	30.82	37.22	38.73	47.83	39.47	40.51	35.84	45.02	54.86	49.56	39.86	38.67	38.65	39.27	36.93	35.47	37.16	35.98
23571	0.21	0.17	0.16	0.09	0.12	0.00	0.02	-0.04	0.22	0.48	0.31	0.19	0.25	0.13	0.14	0.42	0.19	0.11	0.24	0.29	0.25	0.07	-0.06	-0.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	23.96 0.21 0.00	26.99 0.17 0.00	24.05 0.16 0.00	24.31 0.09 0.00	24.10 0.12 0.00	32.59 0.00 0.00	30.82 0.02 0.00	37.22 -0.04 0.00	38.73 0.22 0.00	47.83 0.48 0.00	39.47 0.31 0.00	40.51 0.19 0.00	35.84 0.25 0.00	45.02 0.13 0.00	54.86 0.14 0.00	49.56 0.42 0.00	39.86 0.19 0.00	38.67 0.11 0.00	38.65 0.24 0.00	39.27 0.29 0.00	36.93 0.25 0.00	35.47 0.07 0.00	37.16 -0.06 0.00	35.98 -0.07 0.00
ALBANY___3 23573	23.96 0.21 0.00	26.99 0.17 0.00	24.05 0.16 0.00	24.31 0.09 0.00	24.10 0.12 0.00	32.59 0.00 0.00	30.82 0.02 0.00	37.22 -0.04 0.00	38.73 0.22 0.00	47.83 0.48 0.00	39.47 0.31 0.00	40.51 0.19 0.00	35.84 0.25 0.00	45.02 0.13 0.00	54.86 0.14 0.00	49.56 0.42 0.00	39.86 0.19 0.00	38.67 0.11 0.00	38.65 0.24 0.00	39.27 0.29 0.00	36.93 0.25 0.00	35.47 0.07 0.00	37.16 -0.06 0.00	35.98 -0.07 0.00
ALBANY___4 23574	23.96 0.21 0.00	26.99 0.17 0.00	24.05 0.16 0.00	24.31 0.09 0.00	24.10 0.12 0.00	32.59 0.00 0.00	30.82 0.02 0.00	37.22 -0.04 0.00	38.73 0.22 0.00	47.83 0.48 0.00	39.47 0.31 0.00	40.51 0.19 0.00	35.84 0.25 0.00	45.02 0.13 0.00	54.86 0.14 0.00	49.56 0.42 0.00	39.86 0.19 0.00	38.67 0.11 0.00	38.65 0.24 0.00	39.27 0.29 0.00	36.93 0.25 0.00	35.47 0.07 0.00	37.16 -0.06 0.00	35.98 -0.07 0.00
ALBANY___LFGE 323615	24.23 0.48 0.00	27.30 0.48 0.00	24.30 0.42 0.00	24.57 0.36 0.00	24.37 0.38 0.00	32.96 0.37 0.00	31.19 0.39 0.00	37.68 0.42 0.00	39.16 0.65 0.00	48.34 0.98 0.00	39.91 0.76 0.00	41.03 0.71 0.00	36.29 0.71 0.00	45.59 0.71 0.00	55.55 0.83 0.00	50.19 1.05 0.00	40.36 0.70 0.00	39.16 0.59 0.00	39.15 0.74 0.00	39.77 0.79 0.00	37.39 0.72 0.00	35.90 0.50 0.00	37.57 0.35 0.00	36.36 0.31 0.00
ALCOA_PA_115KV_PL-6C 55860	24.28 -0.35 -0.88	27.47 -0.30 -0.94	24.53 -0.24 -0.89	24.91 -0.23 -0.92	24.65 -0.23 -0.90	33.38 -0.27 -1.06	31.59 -0.23 -1.02	37.43 -0.22 -0.39	38.36 -0.15 0.00	47.10 -0.25 0.00	38.94 -0.21 0.00	39.98 -0.33 0.00	35.14 -0.44 0.00	44.60 -0.29 0.00	54.27 -0.45 0.00	48.61 -0.54 0.00	39.22 -0.44 0.00	38.35 -0.21 0.00	38.05 -0.36 0.00	38.74 -0.24 0.00	36.58 -0.10 0.00	35.58 0.18 0.00	37.62 0.40 0.00	36.46 0.41 0.00
ALCOA_RYNLDS___DRP 24188	24.28 -0.35 -0.88	27.47 -0.30 -0.94	24.53 -0.24 -0.89	24.91 -0.23 -0.92	24.65 -0.23 -0.90	33.38 -0.27 -1.06	31.59 -0.23 -1.02	37.43 -0.22 -0.39	38.36 -0.15 0.00	47.10 -0.25 0.00	38.94 -0.21 0.00	39.98 -0.33 0.00	35.14 -0.44 0.00	44.60 -0.29 0.00	54.27 -0.45 0.00	48.61 -0.54 0.00	39.22 -0.44 0.00	38.35 -0.21 0.00	38.05 -0.36 0.00	38.74 -0.24 0.00	36.58 -0.10 0.00	35.58 0.18 0.00	37.62 0.40 0.00	36.46 0.41 0.00
ALCOA___DSASP 323711	24.28 -0.35 -0.88	27.47 -0.30 -0.94	24.52 -0.24 -0.89	24.91 -0.23 -0.92	24.65 -0.23 -0.90	33.38 -0.27 -1.06	31.59 -0.23 -1.02	37.43 -0.22 -0.39	38.36 -0.15 0.00	47.10 -0.26 0.00	38.94 -0.21 0.00	39.99 -0.33 0.00	35.14 -0.44 0.00	44.60 -0.29 0.00	54.28 -0.45 0.00	48.61 -0.54 0.00	39.22 -0.44 0.00	38.35 -0.21 0.00	38.05 -0.36 0.00	38.74 -0.24 0.00	36.58 -0.09 0.00	35.58 0.18 0.00	37.62 0.40 0.00	36.46 0.41 0.00
ALLEGHENY___COGEN 23514	24.73 0.98 0.00	28.30 1.48 0.00	24.99 1.10 0.00	25.57 1.36 0.00	25.19 1.20 0.00	34.21 1.62 0.00	31.74 0.94 0.00	38.46 1.20 0.00	39.09 0.58 0.00	48.16 0.80 0.00	39.32 0.16 0.00	39.86 -0.46 0.00	34.72 -0.86 0.00	43.79 -1.10 0.00	53.42 -1.31 0.00	48.42 -0.73 0.00	39.49 -0.18 0.00	38.52 -0.05 0.00	39.00 0.59 0.00	39.46 0.48 0.00	37.09 0.42 0.00	35.48 0.08 0.00	37.61 0.39 0.00	37.39 1.33 0.00
ALTAMONT_115KV_TB 2 55880	24.23 0.48 0.00	27.31 0.50 0.00	24.33 0.45 0.00	24.63 0.41 0.00	24.40 0.41 0.00	33.03 0.44 0.00	31.24 0.44 0.00	37.76 0.50 0.00	39.06 0.55 0.00	48.12 0.76 0.00	39.81 0.65 0.00	41.00 0.69 0.00	36.26 0.68 0.00	45.56 0.67 0.00	55.51 0.79 0.00	50.10 0.96 0.00	40.36 0.70 0.00	39.17 0.60 0.00	39.15 0.74 0.00	39.76 0.78 0.00	37.39 0.71 0.00	35.94 0.54 0.00	37.63 0.42 0.00	36.42 0.37 0.00
ALTONA_WT_PWR 323606	-21.14 -1.50 43.39	-21.16 -1.63 46.36	-21.16 -1.45 43.59	-22.39 -1.53 45.08	-21.54 -1.52 44.01	-21.26 -1.95 51.91	-21.17 -1.66 50.31	16.54 -1.68 19.03	37.01 -1.50 0.00	45.74 -1.62 0.00	38.15 -1.01 0.00	39.45 -0.87 0.00	34.73 -0.86 0.00	43.67 -1.22 0.00	52.93 -1.79 0.00	47.60 -1.54 0.00	38.75 -0.91 0.00	38.10 -0.47 0.00	37.87 -0.54 0.00	38.49 -0.49 0.00	36.64 -0.04 0.00	35.62 0.22 0.00	37.66 0.45 0.00	36.49 0.43 0.00
AMERICAN_REF_FUEL 24010	23.40 -0.35 0.00	26.95 0.13 0.00	23.79 -0.09 0.00	24.36 0.14 0.00	24.06 0.07 0.00	33.18 0.59 0.00	30.46 -0.34 0.00	36.21 -1.05 0.00	36.61 -1.90 0.00	45.38 -1.97 0.00	37.04 -2.12 0.00	38.01 -2.30 0.00	33.34 -2.24 0.00	41.98 -2.91 0.00	51.43 -3.30 0.00	46.03 -3.11 0.00	37.35 -2.32 0.00	36.12 -2.45 0.00	36.25 -2.17 0.00	36.45 -2.53 0.00	34.28 -2.40 0.00	32.99 -2.41 0.00	35.71 -1.51 0.00	35.28 -0.77 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.13 0.38 0.00	27.93 1.11 0.00	24.56 0.67 0.00	25.28 1.06 0.00	25.01 1.02 0.00	34.60 2.01 0.00	32.31 1.52 0.00	39.15 1.89 0.00	39.62 1.11 0.00	49.16 1.81 0.00	40.02 0.87 0.00	41.36 1.04 0.00	36.18 0.60 0.00	45.50 0.61 0.00	55.58 0.86 0.00	49.36 0.22 0.00	39.55 -0.12 0.00	38.11 -0.46 0.00	38.28 -0.14 0.00	38.48 -0.50 0.00	35.97 -0.71 0.00	34.39 -1.01 0.00	37.04 -0.18 0.00	36.72 0.67 0.00
ARTHUR KILL_GT_1 23520	24.96 1.21 0.00	28.11 1.29 0.00	24.98 1.10 0.00	25.29 1.08 0.00	25.03 1.04 0.00	34.03 1.44 0.00	32.24 1.45 0.00	38.86 1.60 0.00	38.65 1.31 1.17	49.01 1.66 0.01	40.72 1.58 0.01	42.16 1.84 0.00	37.55 1.96 0.00	46.66 1.77 0.00	57.04 2.31 0.00	51.65 2.51 0.00	41.67 2.01 0.00	40.47 1.91 0.00	40.59 2.18 0.00	41.26 2.28 0.00	38.68 2.00 0.00	37.18 1.78 0.00	38.89 1.67 0.00	37.54 1.49 0.00
ARTHUR_KILL_2 23512	24.90 1.15 0.00	28.03 1.21 0.00	24.91 1.03 0.00	25.23 1.01 0.00	24.96 0.97 0.00	33.93 1.34 0.00	32.15 1.35 0.00	38.73 1.47 0.00	38.53 1.19 1.17	48.85 1.50 0.01	40.59 1.45 0.01	42.03 1.71 0.00	37.43 1.85 0.00	46.50 1.62 0.00	56.83 2.11 0.00	51.49 2.34 0.00	41.53 1.87 0.00	40.34 1.78 0.00	40.44 2.03 0.00	41.12 2.13 0.00	38.54 1.86 0.00	37.05 1.66 0.00	38.75 1.53 0.00	37.42 1.37 0.00
ARTHUR_KILL_3 23513	24.78 1.03 0.00	27.88 1.06 0.00	24.77 0.88 0.00	25.10 0.88 0.00	24.81 0.83 0.00	33.75 1.16 0.00	32.02 1.22 0.00	38.74 1.49 0.00	39.76 1.25 0.00	48.93 1.57 0.00	40.66 1.51 0.00	42.09 1.77 0.00	37.36 1.77 0.00	46.60 1.71 0.00	56.90 2.18 0.00	51.51 2.37 0.00	41.58 1.92 0.00	40.40 1.83 0.00	40.54 2.13 0.00	41.17 2.19 0.00	38.51 1.83 0.00	36.95 1.55 0.00	38.64 1.43 0.00	37.41 1.36 0.00

[illegible]

ASTORIA_GT4_4 24105	24.90 1.15 0.00	28.01 1.20 0.00	24.93 1.05 0.00	25.21 0.99 0.00	24.94 0.95 0.00	33.95 1.36 0.00	32.15 1.35 0.00	38.87 1.61 0.00	39.92 1.41 0.00	49.12 1.77 0.00	40.83 1.68 0.00	42.24 1.92 0.00	37.54 1.95 0.00	46.82 1.94 0.00	57.17 2.45 0.00	51.73 2.59 0.00	41.75 2.08 0.00	40.57 2.01 0.00	40.57 2.16 0.00	41.21 2.23 0.00	38.51 1.83 0.00	36.98 1.58 0.00	38.72 1.50 0.00	37.47 1.42 0.00
ASTORIA_GT_1 23523	24.95 1.20 0.00	28.06 1.25 0.00	24.97 1.08 0.00	25.25 1.03 0.00	24.98 0.99 0.00	34.00 1.41 0.00	32.21 1.41 0.00	38.95 1.69 0.00	40.01 1.51 0.00	49.23 1.88 0.00	40.92 1.76 0.00	42.34 2.02 0.00	37.61 2.03 0.00	46.92 2.03 0.00	57.30 2.58 0.00	51.85 2.70 0.00	41.84 2.17 0.00	40.67 2.10 0.00	40.67 2.26 0.00	41.31 2.33 0.00	38.59 1.91 0.00	37.06 1.66 0.00	38.80 1.58 0.00	37.53 1.48 0.00
ASTORIA_GT_10 24110	24.88 1.14 0.00	27.98 1.16 0.00	24.89 1.01 0.00	25.19 0.97 0.00	24.92 0.93 0.00	33.84 1.25 0.00	32.09 1.30 0.00	38.83 1.57 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.82 1.66 0.00	42.20 1.89 0.00	37.48 1.90 0.00	46.73 1.84 0.00	57.05 2.33 0.00	51.63 2.49 0.00	41.67 2.01 0.00	40.50 1.94 0.00	40.58 2.16 0.00	41.19 2.22 0.00	38.57 1.89 0.00	37.03 1.64 0.00	38.74 1.53 0.00	37.48 1.43 0.00
ASTORIA_GT_11 24225	24.88 1.14 0.00	27.98 1.16 0.00	24.89 1.01 0.00	25.19 0.97 0.00	24.92 0.93 0.00	33.84 1.25 0.00	32.09 1.30 0.00	38.83 1.57 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.82 1.66 0.00	42.20 1.89 0.00	37.48 1.90 0.00	46.73 1.84 0.00	57.05 2.33 0.00	51.63 2.49 0.00	41.67 2.01 0.00	40.50 1.94 0.00	40.58 2.16 0.00	41.19 2.22 0.00	38.57 1.89 0.00	37.03 1.64 0.00	38.74 1.53 0.00	37.48 1.43 0.00
ASTORIA_GT_12 24226	24.88 1.14 0.00	27.98 1.16 0.00	24.89 1.01 0.00	25.19 0.97 0.00	24.92 0.93 0.00	33.84 1.25 0.00	32.09 1.30 0.00	38.83 1.57 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.82 1.66 0.00	42.20 1.89 0.00	37.48 1.90 0.00	46.73 1.84 0.00	57.05 2.33 0.00	51.63 2.49 0.00	41.67 2.01 0.00	40.50 1.94 0.00	40.58 2.16 0.00	41.19 2.22 0.00	38.57 1.89 0.00	37.03 1.64 0.00	38.74 1.53 0.00	37.48 1.43 0.00
ASTORIA_GT_13 24227	24.88 1.14 0.00	27.98 1.16 0.00	24.89 1.01 0.00	25.19 0.97 0.00	24.92 0.93 0.00	33.84 1.25 0.00	32.09 1.30 0.00	38.83 1.57 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.82 1.66 0.00	42.20 1.89 0.00	37.48 1.90 0.00	46.73 1.84 0.00	57.05 2.33 0.00	51.63 2.49 0.00	41.67 2.01 0.00	40.50 1.94 0.00	40.58 2.16 0.00	41.19 2.22 0.00	38.57 1.89 0.00	37.03 1.64 0.00	38.74 1.53 0.00	37.48 1.43 0.00
ASTORIA_GT_5 24106	24.95 1.20 0.00	28.06 1.25 0.00	24.97 1.09 0.00	25.25 1.03 0.00	24.98 0.99 0.00	34.00 1.41 0.00	32.21 1.41 0.00	38.95 1.69 0.00	40.01 1.50 0.00	49.23 1.88 0.00	40.92 1.76 0.00	42.34 2.03 0.00	37.61 2.03 0.00	46.92 2.03 0.00	57.30 2.58 0.00	51.85 2.71 0.00	41.84 2.17 0.00	40.67 2.11 0.00	40.67 2.25 0.00	41.30 2.32 0.00	38.59 1.91 0.00	37.05 1.65 0.00	38.80 1.58 0.00	37.53 1.48 0.00
ASTORIA_GT_7 24107	24.95 1.20 0.00	28.06 1.25 0.00	24.97 1.09 0.00	25.25 1.03 0.00	24.98 0.99 0.00	34.00 1.41 0.00	32.21 1.41 0.00	38.95 1.69 0.00	40.01 1.50 0.00	49.23 1.88 0.00	40.92 1.76 0.00	42.34 2.03 0.00	37.61 2.03 0.00	46.92 2.03 0.00	57.30 2.58 0.00	51.85 2.71 0.00	41.84 2.17 0.00	40.67 2.11 0.00	40.67 2.25 0.00	41.30 2.32 0.00	38.59 1.91 0.00	37.05 1.65 0.00	38.80 1.58 0.00	37.53 1.48 0.00
ASTORIA_GT_8 24108	24.95 1.20 0.00	28.06 1.25 0.00	24.97 1.09 0.00	25.25 1.03 0.00	24.98 0.99 0.00	34.00 1.41 0.00	32.21 1.41 0.00	38.95 1.69 0.00	40.01 1.50 0.00	49.23 1.88 0.00	40.92 1.76 0.00	42.34 2.03 0.00	37.61 2.03 0.00	46.92 2.03 0.00	57.30 2.58 0.00	51.85 2.71 0.00	41.84 2.17 0.00	40.67 2.11 0.00	40.67 2.25 0.00	41.30 2.32 0.00	38.59 1.91 0.00	37.05 1.65 0.00	38.80 1.58 0.00	37.53 1.48 0.00
ASTORIA___2 24149	24.90 1.16 0.00	28.01 1.20 0.00	24.93 1.04 0.00	25.21 0.99 0.00	24.93 0.94 0.00	33.95 1.36 0.00	32.15 1.35 0.00	38.86 1.60 0.00	39.93 1.42 0.00	49.12 1.76 0.00	40.83 1.68 0.00	42.24 1.93 0.00	37.54 1.95 0.00	46.82 1.93 0.00	57.17 2.45 0.00	51.73 2.59 0.00	41.74 2.07 0.00	40.57 2.00 0.00	40.57 2.16 0.00	41.22 2.24 0.00	38.51 1.83 0.00	36.99 1.59 0.00	38.72 1.50 0.00	37.47 1.41 0.00
ASTORIA___3 23516	24.89 1.14 0.00	27.97 1.16 0.00	24.89 1.01 0.00	25.20 0.98 0.00	24.91 0.93 0.00	33.84 1.25 0.00	32.10 1.30 0.00	38.83 1.57 0.00	39.90 1.39 0.00	49.11 1.75 0.00	40.82 1.66 0.00	42.20 1.89 0.00	37.48 1.90 0.00	46.73 1.84 0.00	57.05 2.33 0.00	51.63 2.49 0.00	41.67 2.01 0.00	40.50 1.93 0.00	40.58 2.17 0.00	41.20 2.22 0.00	38.57 1.89 0.00	37.04 1.64 0.00	38.74 1.53 0.00	37.48 1.43 0.00
ASTORIA___4 23517	24.88 1.14 0.00	27.98 1.16 0.00	24.89 1.01 0.00	25.19 0.97 0.00	24.92 0.93 0.00	33.84 1.25 0.00	32.09 1.30 0.00	38.83 1.57 0.00	39.90 1.39 0.00	49.11 1.75 0.00	40.82 1.66 0.00	42.20 1.89 0.00	37.48 1.90 0.00	46.73 1.84 0.00	57.05 2.33 0.00	51.63 2.49 0.00	41.67 2.01 0.00	40.50 1.93 0.00	40.58 2.16 0.00	41.19 2.22 0.00	38.57 1.89 0.00	37.03 1.64 0.00	38.74 1.53 0.00	37.48 1.43 0.00
ASTORIA___5 23518	24.89 1.14 0.00	27.97 1.16 0.00	24.89 1.01 0.00	25.20 0.98 0.00	24.91 0.93 0.00	33.84 1.25 0.00	32.10 1.30 0.00	38.83 1.57 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.82 1.66 0.00	42.20 1.89 0.00	37.49 1.90 0.00	46.73 1.84 0.00	57.05 2.33 0.00	51.63 2.49 0.00	41.67 2.01 0.00	40.50 1.93 0.00	40.58 2.17 0.00	41.20 2.22 0.00	38.57 1.89 0.00	37.04 1.64 0.00	38.74 1.53 0.00	37.48 1.43 0.00
AST_ENERGY_2_CC3 323677	24.88 1.13 0.00	27.99 1.17 0.00	24.87 0.99 0.00	25.20 0.98 0.00	24.91 0.93 0.00	33.87 1.28 0.00	32.13 1.33 0.00	38.86 1.60 0.00	39.93 1.42 0.00	49.16 1.81 0.00	40.87 1.72 0.00	42.29 1.97 0.00	37.54 1.95 0.00	46.85 1.96 0.00	57.20 2.47 0.00	51.79 2.64 0.00	41.80 2.14 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.33 2.35 0.00	38.67 2.00 0.00	37.11 1.71 0.00	38.81 1.59 0.00	37.55 1.50 0.00
AST_ENERGY_2_CC4 323678	24.88 1.13 0.00	27.99 1.17 0.00	24.87 0.99 0.00	25.20 0.98 0.00	24.91 0.93 0.00	33.87 1.28 0.00	32.13 1.33 0.00	38.86 1.60 0.00	39.93 1.42 0.00	49.16 1.81 0.00	40.87 1.72 0.00	42.29 1.97 0.00	37.54 1.95 0.00	46.85 1.96 0.00	57.20 2.47 0.00	51.79 2.64 0.00	41.80 2.14 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.33 2.35 0.00	38.67 2.00 0.00	37.11 1.71 0.00	38.81 1.59 0.00	37.55 1.50 0.00

ATHENS_STG_1 23668	24.23 0.48 0.00	27.28 0.46 0.00	24.31 0.43 0.00	24.62 0.40 0.00	24.37 0.38 0.00	33.00 0.41 0.00	31.22 0.42 0.00	37.74 0.48 0.00	38.93 0.42 0.00	47.91 0.55 0.00	39.72 0.57 0.00	41.00 0.69 0.00	36.30 0.72 0.00	45.51 0.62 0.00	55.47 0.75 0.00	50.10 0.95 0.00	40.39 0.72 0.00	39.18 0.61 0.00	39.21 0.79 0.00	39.81 0.82 0.00	37.40 0.73 0.00	35.94 0.54 0.00	37.62 0.40 0.00	36.40 0.35 0.00
ATHENS_STG_2 23670	24.23 0.48 0.00	27.28 0.46 0.00	24.31 0.43 0.00	24.62 0.40 0.00	24.37 0.38 0.00	33.00 0.41 0.00	31.22 0.42 0.00	37.74 0.48 0.00	38.93 0.42 0.00	47.91 0.55 0.00	39.72 0.57 0.00	41.00 0.69 0.00	36.30 0.72 0.00	45.51 0.62 0.00	55.47 0.75 0.00	50.10 0.95 0.00	40.39 0.72 0.00	39.18 0.61 0.00	39.21 0.79 0.00	39.81 0.82 0.00	37.40 0.73 0.00	35.94 0.54 0.00	37.62 0.40 0.00	36.40 0.35 0.00
ATHENS_STG_3 23677	24.23 0.48 0.00	27.28 0.46 0.00	24.31 0.43 0.00	24.62 0.40 0.00	24.37 0.38 0.00	33.00 0.41 0.00	31.22 0.42 0.00	37.74 0.48 0.00	38.93 0.42 0.00	47.91 0.55 0.00	39.72 0.57 0.00	41.00 0.69 0.00	36.30 0.72 0.00	45.51 0.62 0.00	55.47 0.75 0.00	50.10 0.95 0.00	40.39 0.72 0.00	39.18 0.61 0.00	39.21 0.79 0.00	39.81 0.82 0.00	37.40 0.73 0.00	35.94 0.54 0.00	37.62 0.40 0.00	36.40 0.35 0.00
AUBURN___LFGE 323710	23.94 0.19 0.00	27.11 0.29 0.00	24.09 0.21 0.00	24.51 0.29 0.00	24.28 0.29 0.00	33.13 0.54 0.00	31.23 0.43 0.00	37.78 0.52 0.00	38.83 0.33 0.00	47.84 0.49 0.00	39.41 0.25 0.00	40.62 0.30 0.00	35.77 0.19 0.00	44.96 0.07 0.00	54.90 0.17 0.00	49.35 0.21 0.00	39.94 0.28 0.00	38.79 0.22 0.00	38.87 0.46 0.00	39.35 0.37 0.00	36.96 0.28 0.00	35.51 0.11 0.00	37.40 0.18 0.00	36.28 0.23 0.00
BABYLON_RES_REC 323704	25.11 1.36 0.00	28.24 1.42 0.00	25.00 1.12 0.00	25.33 1.11 0.00	24.99 1.00 0.00	33.92 1.33 0.00	32.28 1.48 0.00	38.81 1.56 0.00	39.95 1.44 0.00	48.93 1.57 0.00	40.70 1.54 0.00	42.40 2.08 0.00	37.69 2.11 0.00	47.11 2.22 0.00	57.39 2.67 0.00	51.82 2.68 0.00	41.93 2.26 0.00	40.77 2.20 0.00	40.81 2.39 0.00	41.39 2.41 0.00	38.85 2.17 0.00	37.39 1.99 0.00	38.93 1.71 0.00	37.87 1.82 0.00
BABYLON__69_KV_BK2 356345	25.32 1.57 0.00	28.45 1.63 0.00	25.19 1.31 0.00	25.52 1.30 0.00	25.18 1.19 0.00	34.17 1.58 0.00	32.55 1.75 0.00	39.13 1.88 0.00	40.28 1.77 0.00	49.32 1.96 0.00	41.01 1.86 0.00	42.76 2.45 0.00	38.04 2.46 0.00	47.55 2.67 0.00	57.93 3.20 0.00	52.30 3.16 0.00	42.26 2.60 0.00	41.13 2.56 0.00	41.16 2.75 0.00	41.77 2.79 0.00	39.23 2.55 0.00	37.76 2.36 0.00	39.27 2.05 0.00	38.20 2.15 0.00
BALL_HILL_WT_PWR 323825	24.02 0.27 0.00	27.71 0.89 0.00	24.39 0.51 0.00	25.03 0.81 0.00	24.71 0.72 0.00	34.12 1.53 0.00	31.62 0.82 0.00	38.11 0.85 0.00	38.53 0.02 0.00	47.76 0.41 0.00	38.90 -0.26 0.00	40.14 -0.18 0.00	35.14 -0.44 0.00	44.24 -0.64 0.00	54.19 -0.54 0.00	48.41 -0.73 0.00	39.18 -0.49 0.00	37.78 -0.79 0.00	38.00 -0.41 0.00	38.22 -0.76 0.00	35.85 -0.83 0.00	34.33 -1.07 0.00	36.87 -0.35 0.00	36.26 0.21 0.00
BARON_WINDS___WT_PWR 323822	23.66 -0.09 0.00	27.10 0.28 0.00	23.98 0.10 0.00	24.73 0.51 0.00	24.44 0.45 0.00	33.56 0.97 0.00	31.34 0.54 0.00	38.02 0.76 0.00	38.66 0.15 0.00	47.84 0.48 0.00	39.16 0.00 0.00	40.45 0.13 0.00	35.51 -0.07 0.00	44.70 -0.19 0.00	54.77 0.05 0.00	49.07 -0.07 0.00	39.73 0.06 0.00	38.39 -0.18 0.00	38.73 0.32 0.00	39.05 0.07 0.00	36.69 0.01 0.00	35.15 -0.25 0.00	37.29 0.07 0.00	36.46 0.40 0.00
BARRETT_IC_1 23704	25.06 1.30 0.00	28.18 1.37 0.00	24.99 1.10 0.00	25.35 1.13 0.00	25.00 1.01 0.00	33.95 1.36 0.00	32.12 1.33 0.00	38.51 1.25 0.00	39.63 1.12 0.00	48.63 1.27 0.00	40.43 1.28 0.00	42.03 1.71 0.00	37.38 1.79 0.00	46.71 1.82 0.00	56.89 2.17 0.00	51.40 2.26 0.00	41.57 1.91 0.00	40.43 1.86 0.00	40.45 2.04 0.00	41.06 2.08 0.00	38.50 1.83 0.00	37.15 1.75 0.00	38.90 1.67 0.00	37.79 1.74 0.00
BARRETT_IC_10 23701	25.06 1.30 0.00	28.18 1.37 0.00	24.99 1.10 0.00	25.35 1.13 0.00	25.00 1.01 0.00	33.95 1.36 0.00	32.12 1.33 0.00	38.51 1.25 0.00	39.63 1.12 0.00	48.63 1.27 0.00	40.43 1.28 0.00	42.03 1.71 0.00	37.38 1.79 0.00	46.71 1.82 0.00	56.89 2.17 0.00	51.40 2.26 0.00	41.57 1.91 0.00	40.43 1.86 0.00	40.45 2.04 0.00	41.06 2.08 0.00	38.50 1.83 0.00	37.15 1.75 0.00	38.90 1.67 0.00	37.79 1.74 0.00
BARRETT_IC_11 23702	25.06 1.30 0.00	28.18 1.37 0.00	24.99 1.10 0.00	25.35 1.13 0.00	25.00 1.01 0.00	33.95 1.36 0.00	32.12 1.33 0.00	38.51 1.25 0.00	39.63 1.12 0.00	48.63 1.27 0.00	40.43 1.28 0.00	42.03 1.71 0.00	37.38 1.79 0.00	46.71 1.82 0.00	56.89 2.17 0.00	51.40 2.26 0.00	41.57 1.91 0.00	40.43 1.86 0.00	40.45 2.04 0.00	41.06 2.08 0.00	38.50 1.83 0.00	37.15 1.75 0.00	38.90 1.67 0.00	37.79 1.74 0.00
BARRETT_IC_12 23703	25.06 1.30 0.00	28.18 1.37 0.00	24.99 1.10 0.00	25.35 1.13 0.00	25.00 1.01 0.00	33.95 1.36 0.00	32.12 1.33 0.00	38.51 1.25 0.00	39.63 1.12 0.00	48.63 1.27 0.00	40.43 1.28 0.00	42.03 1.71 0.00	37.38 1.79 0.00	46.71 1.82 0.00	56.89 2.17 0.00	51.40 2.26 0.00	41.57 1.91 0.00	40.43 1.86 0.00	40.45 2.04 0.00	41.06 2.08 0.00	38.50 1.83 0.00	37.15 1.75 0.00	38.90 1.67 0.00	37.79 1.74 0.00
BARRETT_IC_2 23705	25.06 1.30 0.00	28.18 1.37 0.00	24.99 1.10 0.00	25.35 1.13 0.00	25.00 1.01 0.00	33.95 1.36 0.00	32.12 1.33 0.00	38.51 1.25 0.00	39.63 1.12 0.00	48.63 1.27 0.00	40.43 1.28 0.00	42.03 1.71 0.00	37.38 1.79 0.00	46.71 1.82 0.00	56.89 2.17 0.00	51.40 2.26 0.00	41.57 1.91 0.00	40.43 1.86 0.00	40.45 2.04 0.00	41.06 2.08 0.00	38.50 1.83 0.00	37.15 1.75 0.00	38.90 1.67 0.00	37.79 1.74 0.00
BARRETT_IC_3 23706	25.06 1.30 0.00	28.18 1.37 0.00	24.99 1.10 0.00	25.35 1.13 0.00	25.00 1.01 0.00	33.95 1.36 0.00	32.12 1.33 0.00	38.51 1.25 0.00	39.63 1.12 0.00	48.63 1.27 0.00	40.43 1.28 0.00	42.03 1.71 0.00	37.38 1.79 0.00	46.71 1.82 0.00	56.89 2.17 0.00	51.40 2.26 0.00	41.57 1.91 0.00	40.43 1.86 0.00	40.45 2.04 0.00	41.06 2.08 0.00	38.50 1.83 0.00	37.15 1.75 0.00	38.90 1.67 0.00	37.79 1.74 0.00
BARRETT_IC_4 23707	25.06 1.30 0.00	28.18 1.37 0.00	24.99 1.10 0.00	25.35 1.13 0.00	25.00 1.01 0.00	33.95 1.36 0.00	32.12 1.33 0.00	38.51 1.25 0.00	39.63 1.12 0.00	48.63 1.27 0.00	40.43 1.28 0.00	42.03 1.71 0.00	37.38 1.79 0.00	46.71 1.82 0.00	56.89 2.17 0.00	51.40 2.26 0.00	41.57 1.91 0.00	40.43 1.86 0.00	40.45 2.04 0.00	41.06 2.08 0.00	38.50 1.83 0.00	37.15 1.75 0.00	38.90 1.67 0.00	37.79 1.74 0.00

BARRETT_IC_5 23708	25.06 1.30 0.00	28.18 1.37 0.00	24.99 1.10 0.00	25.35 1.13 0.00	25.00 1.01 0.00	33.95 1.36 0.00	32.12 1.33 0.00	38.51 1.25 0.00	39.63 1.12 0.00	48.63 1.27 0.00	40.43 1.28 0.00	42.03 1.71 0.00	37.38 1.79 0.00	46.71 1.82 0.00	56.89 2.17 0.00	51.40 2.26 0.00	41.57 1.91 0.00	40.43 1.86 0.00	40.45 2.04 0.00	41.06 2.08 0.00	38.50 1.83 0.00	37.15 1.75 0.00	38.90 1.67 0.00	37.79 1.74 0.00
BARRETT_IC_6 23709	25.06 1.30 0.00	28.18 1.37 0.00	24.99 1.10 0.00	25.35 1.13 0.00	25.00 1.01 0.00	33.95 1.36 0.00	32.12 1.33 0.00	38.51 1.25 0.00	39.63 1.12 0.00	48.63 1.27 0.00	40.43 1.28 0.00	42.03 1.71 0.00	37.38 1.79 0.00	46.71 1.82 0.00	56.89 2.17 0.00	51.40 2.26 0.00	41.57 1.91 0.00	40.43 1.86 0.00	40.45 2.04 0.00	41.06 2.08 0.00	38.50 1.83 0.00	37.15 1.75 0.00	38.90 1.67 0.00	37.79 1.74 0.00
BARRETT_IC_7 23710	25.06 1.31 0.00	28.19 1.37 0.00	24.98 1.10 0.00	25.34 1.12 0.00	25.00 1.02 0.00	33.95 1.36 0.00	32.12 1.32 0.00	38.51 1.25 0.00	39.63 1.12 0.00	48.63 1.27 0.00	40.43 1.28 0.00	42.03 1.71 0.00	37.38 1.80 0.00	46.71 1.82 0.00	56.90 2.17 0.00	51.40 2.26 0.00	41.58 1.91 0.00	40.43 1.86 0.00	40.44 2.03 0.00	41.05 2.08 0.00	38.50 1.83 0.00	37.15 1.75 0.00	38.90 1.68 0.00	37.79 1.74 0.00
BARRETT_IC_8 23711	25.06 1.30 0.00	28.18 1.37 0.00	24.99 1.10 0.00	25.35 1.13 0.00	25.00 1.01 0.00	33.95 1.36 0.00	32.12 1.33 0.00	38.51 1.25 0.00	39.63 1.12 0.00	48.63 1.27 0.00	40.43 1.28 0.00	42.03 1.71 0.00	37.38 1.79 0.00	46.71 1.82 0.00	56.89 2.17 0.00	51.40 2.26 0.00	41.57 1.91 0.00	40.43 1.86 0.00	40.45 2.04 0.00	41.06 2.08 0.00	38.50 1.83 0.00	37.15 1.75 0.00	38.90 1.67 0.00	37.79 1.74 0.00
BARRETT_IC_9 23700	25.06 1.30 0.00	28.18 1.37 0.00	24.99 1.10 0.00	25.35 1.13 0.00	25.00 1.01 0.00	33.95 1.36 0.00	32.12 1.33 0.00	38.51 1.25 0.00	39.63 1.12 0.00	48.63 1.27 0.00	40.43 1.28 0.00	42.03 1.71 0.00	37.38 1.79 0.00	46.71 1.82 0.00	56.89 2.17 0.00	51.40 2.26 0.00	41.57 1.91 0.00	40.43 1.86 0.00	40.45 2.04 0.00	41.06 2.08 0.00	38.50 1.83 0.00	37.15 1.75 0.00	38.90 1.67 0.00	37.79 1.74 0.00
BARRETT___1 23545	25.06 1.30 0.00	28.18 1.37 0.00	24.99 1.10 0.00	25.35 1.13 0.00	25.00 1.01 0.00	33.95 1.36 0.00	32.12 1.33 0.00	38.51 1.25 0.00	39.63 1.12 0.00	48.63 1.27 0.00	40.43 1.28 0.00	42.03 1.71 0.00	37.38 1.79 0.00	46.71 1.82 0.00	56.89 2.17 0.00	51.40 2.26 0.00	41.57 1.91 0.00	40.43 1.86 0.00	40.45 2.04 0.00	41.06 2.08 0.00	38.50 1.83 0.00	37.15 1.75 0.00	38.90 1.67 0.00	37.79 1.74 0.00
BARRETT___2 23546	25.06 1.30 0.00	28.18 1.37 0.00	24.99 1.10 0.00	25.35 1.13 0.00	25.00 1.01 0.00	33.95 1.36 0.00	32.12 1.33 0.00	38.51 1.25 0.00	39.63 1.12 0.00	48.63 1.27 0.00	40.43 1.28 0.00	42.03 1.71 0.00	37.38 1.79 0.00	46.71 1.82 0.00	56.89 2.17 0.00	51.40 2.26 0.00	41.57 1.91 0.00	40.43 1.86 0.00	40.45 2.04 0.00	41.06 2.08 0.00	38.50 1.83 0.00	37.15 1.75 0.00	38.90 1.67 0.00	37.79 1.74 0.00
BATAVIA___115KV_TB1 55881	24.36 0.61 0.00	27.95 1.13 0.00	24.67 0.79 0.00	25.22 1.00 0.00	24.92 0.93 0.00	34.38 1.79 0.00	31.85 1.06 0.00	38.18 0.92 0.00	38.73 0.21 0.00	48.02 0.66 0.00	39.18 0.03 0.00	40.23 -0.09 0.00	35.04 -0.55 0.00	43.98 -0.91 0.00	53.87 -0.85 0.00	48.34 -0.80 0.00	39.26 -0.41 0.00	38.13 -0.44 0.00	38.42 0.01 0.00	38.75 -0.23 0.00	36.39 -0.29 0.00	34.92 -0.48 0.00	37.42 0.20 0.00	36.71 0.66 0.00
BAYONEEC___CTG1 323682	24.86 1.10 0.00	27.96 1.15 0.00	24.85 0.97 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.85 1.25 0.00	32.11 1.32 0.00	38.84 1.58 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.83 1.67 0.00	42.25 1.93 0.00	37.50 1.92 0.00	46.81 1.92 0.00	57.13 2.41 0.00	51.74 2.59 0.00	41.76 2.09 0.00	40.57 2.01 0.00	40.68 2.27 0.00	41.31 2.33 0.00	38.64 1.97 0.00	37.09 1.69 0.00	38.79 1.57 0.00	37.54 1.49 0.00
BAYONEEC___CTG10 323750	24.86 1.10 0.00	27.96 1.15 0.00	24.85 0.97 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.85 1.25 0.00	32.11 1.32 0.00	38.84 1.58 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.83 1.67 0.00	42.25 1.93 0.00	37.50 1.92 0.00	46.81 1.92 0.00	57.13 2.41 0.00	51.74 2.59 0.00	41.76 2.09 0.00	40.57 2.01 0.00	40.68 2.27 0.00	41.31 2.33 0.00	38.64 1.97 0.00	37.09 1.69 0.00	38.79 1.57 0.00	37.54 1.49 0.00
BAYONEEC___CTG2 323683	24.86 1.10 0.00	27.96 1.15 0.00	24.85 0.97 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.85 1.25 0.00	32.11 1.32 0.00	38.84 1.58 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.83 1.67 0.00	42.25 1.93 0.00	37.50 1.92 0.00	46.81 1.92 0.00	57.13 2.41 0.00	51.74 2.59 0.00	41.76 2.09 0.00	40.57 2.01 0.00	40.68 2.27 0.00	41.31 2.33 0.00	38.64 1.97 0.00	37.09 1.69 0.00	38.79 1.57 0.00	37.54 1.49 0.00
BAYONEEC___CTG3 323684	24.86 1.10 0.00	27.96 1.15 0.00	24.85 0.97 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.85 1.25 0.00	32.11 1.32 0.00	38.84 1.58 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.83 1.67 0.00	42.25 1.93 0.00	37.50 1.92 0.00	46.81 1.92 0.00	57.13 2.41 0.00	51.74 2.59 0.00	41.76 2.09 0.00	40.57 2.01 0.00	40.68 2.27 0.00	41.31 2.33 0.00	38.64 1.97 0.00	37.09 1.69 0.00	38.79 1.57 0.00	37.54 1.49 0.00
BAYONEEC___CTG4 323685	24.86 1.10 0.00	27.96 1.15 0.00	24.85 0.97 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.85 1.25 0.00	32.11 1.32 0.00	38.84 1.58 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.83 1.67 0.00	42.25 1.93 0.00	37.50 1.92 0.00	46.81 1.92 0.00	57.13 2.41 0.00	51.74 2.59 0.00	41.76 2.09 0.00	40.57 2.01 0.00	40.68 2.27 0.00	41.31 2.33 0.00	38.64 1.97 0.00	37.09 1.69 0.00	38.79 1.57 0.00	37.54 1.49 0.00
BAYONEEC___CTG5 323686	24.86 1.10 0.00	27.96 1.15 0.00	24.85 0.97 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.85 1.25 0.00	32.11 1.32 0.00	38.84 1.58 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.83 1.67 0.00	42.25 1.93 0.00	37.50 1.92 0.00	46.81 1.92 0.00	57.13 2.41 0.00	51.74 2.59 0.00	41.76 2.09 0.00	40.57 2.01 0.00	40.68 2.27 0.00	41.31 2.33 0.00	38.64 1.97 0.00	37.09 1.69 0.00	38.79 1.57 0.00	37.54 1.49 0.00
BAYONEEC___CTG6 323687	24.86 1.10 0.00	27.96 1.15 0.00	24.85 0.97 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.85 1.25 0.00	32.11 1.32 0.00	38.84 1.58 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.83 1.67 0.00	42.25 1.93 0.00	37.50 1.92 0.00	46.81 1.92 0.00	57.13 2.41 0.00	51.74 2.59 0.00	41.76 2.09 0.00	40.57 2.01 0.00	40.68 2.27 0.00	41.31 2.33 0.00	38.64 1.97 0.00	37.09 1.69 0.00	38.79 1.57 0.00	37.54 1.49 0.00

BAYONEEC___CTG7 323688	24.86 1.10 0.00	27.96 1.15 0.00	24.85 0.97 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.85 1.25 0.00	32.11 1.32 0.00	38.84 1.58 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.83 1.67 0.00	42.25 1.93 0.00	37.50 1.92 0.00	46.81 1.92 0.00	57.13 2.41 0.00	51.74 2.59 0.00	41.76 2.09 0.00	40.57 2.01 0.00	40.68 2.27 0.00	41.31 2.33 0.00	38.64 1.97 0.00	37.09 1.69 0.00	38.79 1.57 0.00	37.54 1.49 0.00
BAYONEEC___CTG8 323689	24.86 1.10 0.00	27.96 1.15 0.00	24.85 0.97 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.85 1.25 0.00	32.11 1.32 0.00	38.84 1.58 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.83 1.67 0.00	42.25 1.93 0.00	37.50 1.92 0.00	46.81 1.92 0.00	57.13 2.41 0.00	51.74 2.59 0.00	41.76 2.09 0.00	40.57 2.01 0.00	40.68 2.27 0.00	41.31 2.33 0.00	38.64 1.97 0.00	37.09 1.69 0.00	38.79 1.57 0.00	37.54 1.49 0.00
BAYONEEC___CTG9 323749	24.86 1.10 0.00	27.96 1.15 0.00	24.85 0.97 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.85 1.25 0.00	32.11 1.32 0.00	38.84 1.58 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.83 1.67 0.00	42.25 1.93 0.00	37.50 1.92 0.00	46.81 1.92 0.00	57.13 2.41 0.00	51.74 2.59 0.00	41.76 2.09 0.00	40.57 2.01 0.00	40.68 2.27 0.00	41.31 2.33 0.00	38.64 1.97 0.00	37.09 1.69 0.00	38.79 1.57 0.00	37.54 1.49 0.00
BEACON___LESR 323632	24.31 0.56 0.00	27.38 0.57 0.00	24.36 0.48 0.00	24.63 0.42 0.00	24.44 0.45 0.00	33.12 0.52 0.00	31.30 0.50 0.00	37.88 0.62 0.00	39.35 0.84 0.00	48.53 1.18 0.00	39.99 0.83 0.00	41.08 0.77 0.00	36.39 0.81 0.00	45.76 0.87 0.00	55.74 1.01 0.00	50.31 1.17 0.00	40.51 0.84 0.00	39.25 0.68 0.00	39.32 0.91 0.00	39.93 0.95 0.00	37.51 0.84 0.00	36.00 0.60 0.00	37.72 0.50 0.00	36.51 0.46 0.00
BEAVER RIVER___HYD 24048	25.70 -0.26 -2.21	28.77 -0.41 -2.36	25.81 -0.29 -2.22	26.35 -0.16 -2.30	26.31 0.08 -2.24	36.12 0.88 -2.65	34.27 0.90 -2.56	39.35 1.12 -0.97	39.82 1.31 0.00	49.05 1.69 0.00	40.36 1.21 0.00	41.08 0.76 0.00	35.98 0.40 0.00	45.12 0.23 0.00	54.84 0.11 0.00	49.18 0.04 0.00	39.93 0.26 0.00	39.36 0.79 0.00	39.77 1.36 0.00	40.67 1.69 0.00	38.03 1.35 0.00	36.43 1.03 0.00	38.16 0.94 0.00	36.96 0.91 0.00
BEEBEE_GT_13 23619	23.95 0.20 0.00	27.40 0.58 0.00	24.24 0.36 0.00	24.72 0.51 0.00	24.45 0.46 0.00	33.58 0.98 0.00	31.25 0.46 0.00	37.53 0.27 0.00	38.25 -0.27 0.00	47.35 0.00 0.00	38.75 -0.41 0.00	39.80 -0.52 0.00	34.88 -0.70 0.00	43.92 -0.97 0.00	53.79 -0.93 0.00	48.29 -0.86 0.00	39.18 -0.49 0.00	37.99 -0.58 0.00	38.14 -0.27 0.00	38.47 -0.51 0.00	36.19 -0.49 0.00	34.76 -0.64 0.00	36.96 -0.26 0.00	36.09 0.04 0.00
BENSHRST_27_KV_BENSHRST_1 355998	25.11 1.37 0.00	28.25 1.43 0.00	25.11 1.23 0.00	25.41 1.20 0.00	25.14 1.16 0.00	34.20 1.61 0.00	32.44 1.65 0.00	39.22 1.96 0.00	40.25 1.74 0.00	49.57 2.21 0.00	41.19 2.03 0.00	42.62 2.31 0.00	37.86 2.28 0.00	47.11 2.23 0.00	57.56 2.83 0.00	52.11 2.96 0.00	42.06 2.40 0.00	40.88 2.31 0.00	40.96 2.55 0.00	41.62 2.64 0.00	39.02 2.34 0.00	37.48 2.08 0.00	39.20 1.98 0.00	37.88 1.83 0.00
BETHLEHEM___GRP 23843	23.96 0.21 0.00	26.99 0.17 0.00	24.05 0.16 0.00	24.31 0.09 0.00	24.10 0.12 0.00	32.59 0.00 0.00	30.82 0.02 0.00	37.22 -0.04 0.00	38.73 0.22 0.00	47.83 0.48 0.00	39.47 0.31 0.00	40.51 0.19 0.00	35.84 0.25 0.00	45.02 0.13 0.00	54.86 0.14 0.00	49.56 0.42 0.00	39.86 0.19 0.00	38.67 0.11 0.00	38.65 0.24 0.00	39.27 0.29 0.00	36.93 0.25 0.00	35.47 0.07 0.00	37.16 -0.06 0.00	35.98 -0.07 0.00
BETHLEHEM___GS1 323560	23.96 0.21 0.00	26.99 0.17 0.00	24.05 0.16 0.00	24.31 0.09 0.00	24.11 0.12 0.00	32.59 0.00 0.00	30.82 0.02 0.00	37.22 -0.04 0.00	38.73 0.22 0.00	47.83 0.48 0.00	39.46 0.31 0.00	40.51 0.19 0.00	35.84 0.25 0.00	45.03 0.14 0.00	54.86 0.14 0.00	49.56 0.42 0.00	39.86 0.19 0.00	38.67 0.11 0.00	38.66 0.24 0.00	39.27 0.29 0.00	36.93 0.26 0.00	35.47 0.07 0.00	37.16 -0.06 0.00	35.99 -0.07 0.00
BETHLEHEM___GS2 323561	23.96 0.21 0.00	26.99 0.17 0.00	24.05 0.16 0.00	24.31 0.09 0.00	24.11 0.12 0.00	32.59 0.00 0.00	30.82 0.02 0.00	37.22 -0.04 0.00	38.73 0.22 0.00	47.83 0.48 0.00	39.46 0.31 0.00	40.51 0.19 0.00	35.84 0.25 0.00	45.03 0.14 0.00	54.86 0.14 0.00	49.56 0.42 0.00	39.86 0.19 0.00	38.67 0.11 0.00	38.66 0.24 0.00	39.27 0.29 0.00	36.93 0.26 0.00	35.47 0.07 0.00	37.16 -0.06 0.00	35.99 -0.07 0.00
BETHLEHEM___GS3 323562	23.96 0.21 0.00	26.99 0.17 0.00	24.05 0.16 0.00	24.31 0.09 0.00	24.11 0.12 0.00	32.59 0.00 0.00	30.82 0.02 0.00	37.22 -0.04 0.00	38.73 0.22 0.00	47.83 0.48 0.00	39.46 0.31 0.00	40.51 0.19 0.00	35.84 0.25 0.00	45.03 0.14 0.00	54.86 0.14 0.00	49.56 0.42 0.00	39.86 0.19 0.00	38.67 0.11 0.00	38.66 0.24 0.00	39.27 0.29 0.00	36.93 0.26 0.00	35.47 0.07 0.00	37.16 -0.06 0.00	35.99 -0.07 0.00
BETHLEHEM___STEEL 23779	24.04 0.29 0.00	27.69 0.87 0.00	24.40 0.52 0.00	25.00 0.78 0.00	24.68 0.69 0.00	34.02 1.43 0.00	31.44 0.64 0.00	37.70 0.44 0.00	38.12 -0.39 0.00	47.29 -0.07 0.00	38.56 -0.59 0.00	39.66 -0.65 0.00	34.77 -0.81 0.00	43.81 -1.08 0.00	53.69 -1.03 0.00	48.04 -1.10 0.00	38.97 -0.69 0.00	37.64 -0.93 0.00	37.82 -0.59 0.00	38.03 -0.95 0.00	35.71 -0.97 0.00	34.25 -1.15 0.00	36.82 -0.40 0.00	36.22 0.17 0.00
BETHLHEM_115KV_TB1 79974	24.02 0.27 0.00	27.06 0.24 0.00	24.10 0.22 0.00	24.37 0.16 0.00	24.16 0.18 0.00	32.69 0.09 0.00	30.91 0.11 0.00	37.33 0.07 0.00	38.79 0.29 0.00	47.87 0.51 0.00	39.53 0.37 0.00	40.61 0.29 0.00	35.92 0.34 0.00	45.14 0.25 0.00	54.99 0.27 0.00	49.67 0.53 0.00	39.95 0.29 0.00	38.77 0.20 0.00	38.75 0.34 0.00	39.36 0.38 0.00	37.02 0.35 0.00	35.57 0.16 0.00	37.25 0.03 0.00	36.07 0.02 0.00
BETHPAGE_CC_5 323564	25.01 1.26 0.00	28.14 1.32 0.00	24.93 1.05 0.00	25.27 1.05 0.00	24.93 0.94 0.00	33.80 1.21 0.00	32.10 1.30 0.00	38.56 1.30 0.00	39.79 1.28 0.00	48.72 1.37 0.00	40.47 1.32 0.00	42.14 1.82 0.00	37.47 1.88 0.00	46.84 1.96 0.00	57.05 2.32 0.00	51.50 2.36 0.00	41.67 2.01 0.00	40.53 1.96 0.00	40.54 2.13 0.00	41.15 2.17 0.00	38.58 1.90 0.00	37.14 1.74 0.00	38.72 1.50 0.00	37.71 1.66 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.12 0.37 0.00	27.78 0.96 0.00	24.47 0.59 0.00	25.08 0.86 0.00	24.76 0.77 0.00	34.12 1.52 0.00	31.55 0.75 0.00	37.87 0.61 0.00	38.30 -0.21 0.00	47.50 0.15 0.00	38.74 -0.41 0.00	39.85 -0.46 0.00	34.93 -0.65 0.00	44.01 -0.88 0.00	53.95 -0.78 0.00	48.28 -0.86 0.00	39.18 -0.49 0.00	37.84 -0.73 0.00	38.02 -0.39 0.00	38.23 -0.75 0.00	35.88 -0.79 0.00	34.40 -1.00 0.00	36.96 -0.26 0.00	36.32 0.27 0.00

BINGHAMTON___COGEN 23790	23.98 0.23 0.00	27.19 0.38 0.00	24.14 0.25 0.00	24.58 0.37 0.00	24.30 0.31 0.00	33.21 0.62 0.00	31.26 0.47 0.00	37.96 0.70 0.00	38.92 0.41 0.00	48.02 0.67 0.00	39.52 0.37 0.00	40.86 0.55 0.00	35.99 0.41 0.00	45.27 0.38 0.00	55.34 0.62 0.00	49.68 0.53 0.00	40.18 0.51 0.00	38.89 0.33 0.00	39.12 0.71 0.00	39.57 0.59 0.00	37.17 0.49 0.00	35.66 0.26 0.00	37.53 0.31 0.00	36.42 0.37 0.00
BIXINCNT_115KV_LOAD 355685	24.20 0.45 0.00	27.82 1.00 0.00	24.54 0.65 0.00	25.20 0.98 0.00	24.83 0.84 0.00	34.29 1.70 0.00	31.88 1.08 0.00	38.53 1.27 0.00	38.98 0.47 0.00	48.32 0.96 0.00	39.36 0.20 0.00	40.54 0.22 0.00	35.40 -0.18 0.00	44.58 -0.31 0.00	54.75 0.02 0.00	49.00 -0.15 0.00	39.77 0.10 0.00	38.28 -0.29 0.00	38.63 0.22 0.00	38.86 -0.13 0.00	36.38 -0.29 0.00	34.80 -0.60 0.00	37.25 0.03 0.00	36.50 0.45 0.00
BLACK RIVER___HYD 24047	25.26 -0.07 -1.58	28.28 -0.22 -1.69	25.33 -0.14 -1.59	25.87 0.01 -1.64	25.86 0.28 -1.60	35.73 1.25 -1.89	33.88 1.25 -1.83	39.56 1.61 -0.69	40.34 1.83 0.00	49.74 2.39 0.00	40.82 1.66 0.00	41.29 0.98 0.00	36.06 0.48 0.00	45.17 0.28 0.00	54.95 0.22 0.00	49.29 0.14 0.00	40.12 0.46 0.00	39.73 1.16 0.00	40.38 1.97 0.00	41.33 2.35 0.00	38.52 1.85 0.00	36.83 1.43 0.00	38.52 1.30 0.00	37.28 1.23 0.00
BLACKRVR_115KV_TB2 79977	25.26 -0.06 -1.58	28.28 -0.22 -1.69	25.32 -0.14 -1.59	25.87 0.01 -1.64	25.86 0.27 -1.60	35.73 1.25 -1.89	33.88 1.25 -1.83	39.56 1.61 -0.69	40.34 1.83 0.00	49.74 2.39 0.00	40.82 1.66 0.00	41.29 0.98 0.00	36.06 0.48 0.00	45.16 0.28 0.00	54.94 0.22 0.00	49.29 0.14 0.00	40.12 0.46 0.00	39.73 1.16 0.00	40.38 1.97 0.00	41.33 2.35 0.00	38.53 1.85 0.00	36.83 1.43 0.00	38.52 1.30 0.00	37.28 1.23 0.00
BLISS_WT_PWR 323608	24.18 0.43 0.00	27.78 0.96 0.00	24.52 0.63 0.00	25.19 0.98 0.00	24.81 0.82 0.00	34.27 1.68 0.00	31.90 1.10 0.00	38.57 1.31 0.00	39.02 0.51 0.00	48.38 1.03 0.00	39.40 0.24 0.00	40.57 0.26 0.00	35.44 -0.15 0.00	44.63 -0.26 0.00	54.80 0.08 0.00	49.05 -0.09 0.00	39.82 0.15 0.00	38.31 -0.26 0.00	38.63 0.22 0.00	38.87 -0.11 0.00	36.39 -0.28 0.00	34.81 -0.59 0.00	37.27 0.05 0.00	36.51 0.46 0.00
BLUESTONE___WT_PWR 323821	24.19 0.44 0.00	26.55 -0.27 0.00	24.42 0.53 0.00	24.48 0.26 0.00	24.30 0.32 0.00	33.62 1.03 0.00	31.41 0.61 0.00	38.09 0.83 0.00	39.50 1.00 0.00	48.99 1.63 0.00	40.32 1.16 0.00	42.34 2.03 0.00	37.33 1.75 0.00	46.81 1.92 0.00	57.00 2.28 0.00	51.52 2.37 0.00	42.12 2.46 0.00	40.98 2.41 0.00	41.24 2.83 0.00	41.71 2.73 0.00	39.06 2.39 0.00	36.87 1.47 0.00	38.72 1.50 0.00	37.94 1.89 0.00
BLUE_CIRC_CHEM_DRP 24182	24.34 0.59 0.00	27.44 0.62 0.00	24.45 0.57 0.00	24.73 0.51 0.00	24.52 0.54 0.00	33.17 0.58 0.00	31.36 0.56 0.00	37.86 0.60 0.00	39.22 0.71 0.00	48.37 1.01 0.00	39.93 0.77 0.00	41.05 0.74 0.00	36.28 0.70 0.00	45.65 0.76 0.00	55.60 0.87 0.00	50.18 1.04 0.00	40.40 0.74 0.00	39.20 0.63 0.00	39.18 0.77 0.00	39.79 0.81 0.00	37.44 0.76 0.00	35.98 0.58 0.00	37.72 0.50 0.00	36.55 0.50 0.00
BOC_GAS_DRP 24189	24.13 0.38 0.00	27.20 0.38 0.00	24.24 0.35 0.00	24.53 0.31 0.00	24.30 0.31 0.00	32.89 0.30 0.00	31.10 0.30 0.00	37.57 0.31 0.00	38.86 0.36 0.00	47.89 0.54 0.00	39.62 0.46 0.00	40.81 0.49 0.00	36.10 0.51 0.00	45.34 0.46 0.00	55.25 0.52 0.00	49.86 0.72 0.00	40.15 0.49 0.00	38.96 0.39 0.00	38.95 0.54 0.00	39.55 0.57 0.00	37.20 0.52 0.00	35.77 0.37 0.00	37.46 0.24 0.00	36.27 0.22 0.00
BOONVILLE_115KV_TB1 79983	24.81 0.20 -0.86	27.89 0.14 -0.92	24.92 0.16 -0.87	25.34 0.22 -0.90	25.22 0.35 -0.88	34.54 0.92 -1.03	32.76 0.95 -1.00	38.80 1.16 -0.38	39.78 1.27 0.00	49.01 1.65 0.00	40.42 1.26 0.00	41.45 1.14 0.00	36.48 0.90 0.00	45.87 0.98 0.00	55.81 1.09 0.00	50.13 0.99 0.00	40.58 0.92 0.00	39.64 1.08 0.00	39.82 1.41 0.00	40.54 1.55 0.00	37.98 1.30 0.00	36.41 1.01 0.00	38.12 0.90 0.00	36.90 0.85 0.00
BORALEX_4TH_BRANCH 23824	25.01 1.26 0.00	28.16 1.35 0.00	25.05 1.17 0.00	25.27 1.05 0.00	25.09 1.11 0.00	33.73 1.14 0.00	31.75 0.96 0.00	38.27 1.01 0.00	39.58 1.07 0.00	48.78 1.42 0.00	40.43 1.27 0.00	41.67 1.36 0.00	36.84 1.25 0.00	46.31 1.42 0.00	56.51 1.79 0.00	51.21 2.07 0.00	40.85 1.19 0.00	39.64 1.08 0.00	39.67 1.26 0.00	40.35 1.38 0.00	38.17 1.49 0.00	36.56 1.16 0.00	38.07 0.85 0.00	36.76 0.71 0.00
BOWLINE___1 23526	24.61 0.86 0.00	27.66 0.85 0.00	24.53 0.65 0.00	24.87 0.65 0.00	24.58 0.59 0.00	33.46 0.87 0.00	31.69 0.89 0.00	38.34 1.08 0.00	39.33 0.81 0.00	48.28 0.93 0.00	40.11 0.96 0.00	41.55 1.23 0.00	36.81 1.23 0.00	45.95 1.06 0.00	56.12 1.40 0.00	50.76 1.62 0.00	40.97 1.31 0.00	39.78 1.22 0.00	39.96 1.55 0.00	40.57 1.59 0.00	37.94 1.26 0.00	36.37 0.97 0.00	38.03 0.81 0.00	36.80 0.75 0.00
BOWLINE___2 23595	24.61 0.86 0.00	27.66 0.85 0.00	24.53 0.65 0.00	24.87 0.65 0.00	24.58 0.59 0.00	33.46 0.87 0.00	31.68 0.89 0.00	38.32 1.06 0.00	39.29 0.78 0.00	48.20 0.85 0.00	40.05 0.90 0.00	41.49 1.17 0.00	36.77 1.19 0.00	45.89 1.00 0.00	56.05 1.33 0.00	50.69 1.55 0.00	40.92 1.25 0.00	39.74 1.17 0.00	39.91 1.50 0.00	40.52 1.54 0.00	37.90 1.22 0.00	36.34 0.94 0.00	37.98 0.76 0.00	36.76 0.71 0.00
BRADY___115KV_TB2 356060	26.13 -0.14 -2.52	29.46 -0.06 -2.69	26.39 -0.03 -2.53	26.83 -0.01 -2.62	26.54 0.00 -2.56	35.71 0.10 -3.02	33.90 0.18 -2.92	38.67 0.30 -1.11	38.89 0.38 0.00	47.66 0.31 0.00	39.27 0.11 0.00	40.08 -0.24 0.00	35.17 -0.42 0.00	44.59 -0.29 0.00	54.21 -0.51 0.00	48.59 -0.56 0.00	39.31 -0.36 0.00	38.58 0.02 0.00	38.38 -0.04 0.00	39.20 0.22 0.00	37.02 0.34 0.00	36.01 0.61 0.00	38.08 0.86 0.00	36.90 0.85 0.00
BRANSCOMB___SOLAR 323811	25.02 1.27 0.00	28.20 1.38 0.00	25.08 1.20 0.00	25.34 1.12 0.00	25.14 1.15 0.00	34.05 1.46 0.00	32.20 1.41 0.00	38.92 1.66 0.00	40.24 1.73 0.00	49.63 2.28 0.00	41.10 1.94 0.00	42.31 2.00 0.00	37.38 1.80 0.00	47.01 2.12 0.00	57.35 2.62 0.00	51.86 2.72 0.00	41.75 2.08 0.00	40.54 1.97 0.00	40.55 2.15 0.00	41.15 2.17 0.00	38.71 2.03 0.00	37.08 1.69 0.00	38.66 1.44 0.00	37.36 1.31 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	25.21 1.46 0.00	28.33 1.51 0.00	25.07 1.19 0.00	25.39 1.17 0.00	25.05 1.07 0.00	33.99 1.40 0.00	32.39 1.59 0.00	38.90 1.64 0.00	40.01 1.50 0.00	48.97 1.61 0.00	40.71 1.56 0.00	42.47 2.15 0.00	37.79 2.21 0.00	47.21 2.32 0.00	57.55 2.82 0.00	51.90 2.76 0.00	41.87 2.21 0.00	40.73 2.16 0.00	40.74 2.33 0.00	41.34 2.36 0.00	38.95 2.27 0.00	37.48 2.08 0.00	38.98 1.76 0.00	37.95 1.90 0.00

BRISTLHL_115KV_TB1 79998	24.01 0.26 0.00	27.10 0.29 0.00	24.11 0.23 0.00	24.49 0.28 0.00	24.30 0.31 0.00	33.19 0.59 0.00	31.25 0.45 0.00	37.79 0.53 0.00	38.92 0.41 0.00	47.96 0.60 0.00	39.54 0.39 0.00	40.69 0.37 0.00	35.83 0.24 0.00	44.98 0.09 0.00	54.79 0.06 0.00	49.17 0.02 0.00	39.75 0.09 0.00	38.74 0.17 0.00	38.95 0.54 0.00	39.55 0.57 0.00	37.09 0.42 0.00	35.64 0.24 0.00	37.63 0.42 0.00	36.51 0.46 0.00
BROOKHAVEN___DRP 24191	24.59 0.84 0.00	27.62 0.80 0.00	24.48 0.60 0.00	24.75 0.53 0.00	24.45 0.46 0.00	33.12 0.53 0.00	31.61 0.81 0.00	37.90 0.64 0.00	38.96 0.45 0.00	47.60 0.25 0.00	39.56 0.41 0.00	41.32 1.01 0.00	36.85 1.26 0.00	46.08 1.20 0.00	56.07 1.35 0.00	50.70 1.55 0.00	40.92 1.25 0.00	39.85 1.28 0.00	39.81 1.40 0.00	40.42 1.44 0.00	37.90 1.23 0.00	36.44 1.05 0.00	37.83 0.61 0.00	36.86 0.81 0.00
BROOKLYN_NAVY_YARD 23515	24.81 1.06 0.00	27.92 1.10 0.00	24.80 0.92 0.00	25.13 0.91 0.00	24.85 0.86 0.00	33.76 1.17 0.00	32.03 1.23 0.00	38.76 1.50 0.00	39.87 1.36 0.00	49.07 1.72 0.00	40.80 1.64 0.00	42.21 1.89 0.00	37.45 1.87 0.00	46.78 1.89 0.00	57.12 2.39 0.00	51.73 2.59 0.00	41.75 2.08 0.00	40.57 2.00 0.00	40.66 2.25 0.00	41.27 2.29 0.00	38.63 1.95 0.00	37.05 1.66 0.00	38.75 1.53 0.00	37.50 1.45 0.00
BROOKLYN___ARMY_DRP 323595	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
BROOKVLE_69_KV_TB1 55790	25.20 1.46 0.00	28.36 1.54 0.00	25.14 1.26 0.00	25.47 1.25 0.00	25.15 1.16 0.00	34.16 1.57 0.00	32.43 1.63 0.00	38.91 1.64 0.00	40.08 1.57 0.00	49.17 1.82 0.00	40.91 1.75 0.00	42.56 2.24 0.00	37.83 2.24 0.00	47.47 2.58 0.00	57.65 2.93 0.00	52.04 2.89 0.00	42.25 2.58 0.00	41.07 2.50 0.00	40.94 2.53 0.00	41.57 2.59 0.00	38.95 2.27 0.00	37.46 2.06 0.00	39.08 1.86 0.00	38.08 2.03 0.00
BROOME_2_LFGE 323671	23.98 0.23 0.00	27.19 0.38 0.00	24.14 0.25 0.00	24.58 0.36 0.00	24.30 0.31 0.00	33.21 0.62 0.00	31.26 0.46 0.00	37.96 0.70 0.00	38.92 0.41 0.00	48.02 0.66 0.00	39.52 0.36 0.00	40.86 0.55 0.00	35.99 0.40 0.00	45.27 0.38 0.00	55.34 0.62 0.00	49.68 0.53 0.00	40.18 0.52 0.00	38.89 0.32 0.00	39.12 0.71 0.00	39.57 0.59 0.00	37.17 0.49 0.00	35.66 0.26 0.00	37.53 0.31 0.00	36.42 0.37 0.00
BROOME___LFGE 323600	23.98 0.23 0.00	27.19 0.38 0.00	24.14 0.25 0.00	24.58 0.36 0.00	24.30 0.31 0.00	33.21 0.62 0.00	31.26 0.46 0.00	37.96 0.70 0.00	38.92 0.41 0.00	48.02 0.66 0.00	39.52 0.36 0.00	40.86 0.55 0.00	35.99 0.40 0.00	45.27 0.38 0.00	55.34 0.62 0.00	49.68 0.53 0.00	40.18 0.52 0.00	38.89 0.32 0.00	39.12 0.71 0.00	39.57 0.59 0.00	37.17 0.49 0.00	35.66 0.26 0.00	37.53 0.31 0.00	36.42 0.37 0.00
BROWNFLS_115KV_TB_3_5 80003	27.35 -0.32 -3.92	30.61 -0.40 -4.19	27.52 -0.30 -3.94	28.07 -0.22 -4.07	27.89 -0.07 -3.98	37.69 0.41 -4.69	35.80 0.46 -4.55	39.59 0.61 -1.72	39.27 0.76 0.00	48.22 0.87 0.00	39.75 0.59 0.00	40.55 0.23 0.00	35.54 -0.05 0.00	44.67 -0.22 0.00	54.22 -0.50 0.00	48.63 -0.51 0.00	39.37 -0.30 0.00	38.74 0.17 0.00	38.87 0.46 0.00	39.72 0.74 0.00	37.33 0.65 0.00	36.03 0.63 0.00	37.95 0.74 0.00	36.82 0.76 0.00
BROWNSV1_27_KV_LOAD 356125	25.02 1.27 0.00	28.16 1.34 0.00	25.02 1.13 0.00	25.34 1.13 0.00	25.06 1.07 0.00	34.08 1.49 0.00	32.34 1.54 0.00	39.16 1.90 0.00	40.24 1.73 0.00	49.56 2.20 0.00	41.20 2.04 0.00	42.64 2.32 0.00	37.84 2.26 0.00	47.25 2.36 0.00	57.67 2.94 0.00	52.31 3.17 0.00	42.26 2.60 0.00	41.05 2.49 0.00	41.15 2.74 0.00	41.69 2.71 0.00	39.01 2.34 0.00	37.44 2.04 0.00	39.14 1.92 0.00	37.94 1.88 0.00
BURROWS___LYONSDAL 23803	24.91 0.03 -1.13	27.97 -0.05 -1.21	25.02 0.01 -1.13	25.47 0.08 -1.17	25.39 0.26 -1.14	34.85 0.91 -1.35	33.04 0.94 -1.31	38.88 1.13 -0.49	39.77 1.26 0.00	49.02 1.66 0.00	40.42 1.27 0.00	41.38 1.06 0.00	36.38 0.80 0.00	45.73 0.84 0.00	55.62 0.89 0.00	49.93 0.79 0.00	40.45 0.78 0.00	39.60 1.03 0.00	39.83 1.42 0.00	40.60 1.62 0.00	38.01 1.34 0.00	36.40 1.00 0.00	38.10 0.88 0.00	36.89 0.84 0.00
CAITHNESS_CC_1 323624	24.64 0.89 0.00	27.68 0.86 0.00	24.53 0.65 0.00	24.80 0.58 0.00	24.49 0.50 0.00	33.18 0.59 0.00	31.66 0.86 0.00	37.96 0.70 0.00	39.03 0.52 0.00	47.70 0.35 0.00	39.66 0.50 0.00	41.42 1.10 0.00	36.91 1.32 0.00	46.15 1.26 0.00	56.18 1.46 0.00	50.77 1.62 0.00	40.99 1.32 0.00	39.90 1.33 0.00	39.88 1.47 0.00	40.48 1.50 0.00	37.97 1.30 0.00	36.52 1.12 0.00	37.92 0.70 0.00	36.96 0.91 0.00
CALPINE BETH_PAGE_GT4 24209	25.02 1.27 0.00	28.14 1.32 0.00	24.93 1.05 0.00	25.26 1.05 0.00	24.94 0.95 0.00	33.82 1.23 0.00	32.06 1.26 0.00	38.52 1.26 0.00	39.72 1.21 0.00	48.66 1.31 0.00	40.45 1.29 0.00	42.10 1.79 0.00	37.44 1.85 0.00	46.81 1.92 0.00	57.00 2.28 0.00	51.45 2.31 0.00	41.65 1.98 0.00	40.50 1.93 0.00	40.51 2.10 0.00	41.12 2.14 0.00	38.55 1.87 0.00	37.11 1.71 0.00	38.70 1.48 0.00	37.74 1.68 0.00
CALPINE_BETH_PAGE_GT_4 323586	25.02 1.27 0.00	28.14 1.32 0.00	24.93 1.05 0.00	25.26 1.05 0.00	24.93 0.95 0.00	33.82 1.23 0.00	32.06 1.26 0.00	38.52 1.27 0.00	39.72 1.21 0.00	48.66 1.31 0.00	40.45 1.29 0.00	42.11 1.79 0.00	37.44 1.85 0.00	46.81 1.92 0.00	57.00 2.28 0.00	51.45 2.31 0.00	41.64 1.98 0.00	40.50 1.93 0.00	40.51 2.10 0.00	41.12 2.14 0.00	38.55 1.87 0.00	37.11 1.71 0.00	38.70 1.48 0.00	37.73 1.68 0.00
CALPINE_BP_GT1 23823	25.02 1.27 0.00	28.14 1.32 0.00	24.93 1.05 0.00	25.26 1.05 0.00	24.93 0.95 0.00	33.82 1.23 0.00	32.06 1.26 0.00	38.52 1.27 0.00	39.72 1.21 0.00	48.66 1.31 0.00	40.45 1.29 0.00	42.11 1.79 0.00	37.44 1.85 0.00	46.81 1.92 0.00	57.00 2.28 0.00	51.45 2.31 0.00	41.64 1.98 0.00	40.50 1.93 0.00	40.51 2.10 0.00	41.12 2.14 0.00	38.55 1.87 0.00	37.11 1.71 0.00	38.70 1.48 0.00	37.73 1.68 0.00
CALSPAN___DRP 24200	24.04 0.29 0.00	27.69 0.87 0.00	24.40 0.52 0.00	25.00 0.78 0.00	24.68 0.69 0.00	34.02 1.43 0.00	31.44 0.64 0.00	37.70 0.44 0.00	38.12 -0.39 0.00	47.29 -0.07 0.00	38.56 -0.59 0.00	39.66 -0.65 0.00	34.77 -0.81 0.00	43.81 -1.08 0.00	53.69 -1.03 0.00	48.04 -1.10 0.00	38.97 -0.69 0.00	37.64 -0.93 0.00	37.82 -0.59 0.00	38.03 -0.95 0.00	35.71 -0.97 0.00	34.25 -1.15 0.00	36.82 -0.40 0.00	36.22 0.17 0.00

CALVERTON___SOLAR 323806	24.51 0.76 0.00	27.55 0.73 0.00	24.41 0.53 0.00	24.68 0.46 0.00	24.39 0.40 0.00	33.02 0.43 0.00	31.54 0.74 0.00	37.82 0.56 0.00	38.83 0.32 0.00	47.40 0.05 0.00	39.35 0.20 0.00	41.14 0.83 0.00	36.72 1.14 0.00	45.98 1.09 0.00	55.88 1.16 0.00	50.57 1.43 0.00	40.74 1.07 0.00	39.68 1.12 0.00	39.67 1.26 0.00	40.30 1.33 0.00	37.74 1.07 0.00	36.25 0.85 0.00	37.60 0.38 0.00	36.62 0.57 0.00
CANDIGU_WT_PWR 323617	23.66 -0.09 0.00	27.10 0.28 0.00	23.98 0.10 0.00	24.73 0.51 0.00	24.44 0.45 0.00	33.56 0.97 0.00	31.34 0.54 0.00	38.02 0.76 0.00	38.66 0.15 0.00	47.84 0.48 0.00	39.16 0.00 0.00	40.45 0.13 0.00	35.51 -0.07 0.00	44.70 -0.19 0.00	54.77 0.05 0.00	49.07 -0.07 0.00	39.73 0.06 0.00	38.39 -0.18 0.00	38.73 0.32 0.00	39.05 0.07 0.00	36.69 0.01 0.00	35.15 -0.25 0.00	37.29 0.07 0.00	36.46 0.40 0.00
CARR STREET_E_SYR 24060	23.75 0.00 0.00	26.83 0.02 0.00	23.88 -0.01 0.00	24.24 0.02 0.00	24.02 0.04 0.00	32.73 0.14 0.00	30.89 0.09 0.00	37.31 0.05 0.00	38.42 -0.09 0.00	47.33 -0.02 0.00	39.07 -0.09 0.00	40.27 -0.04 0.00	35.52 -0.07 0.00	44.66 -0.23 0.00	54.50 -0.23 0.00	48.96 -0.18 0.00	39.60 -0.07 0.00	38.45 -0.12 0.00	38.50 0.08 0.00	39.00 0.02 0.00	36.60 -0.08 0.00	35.20 -0.20 0.00	37.12 -0.10 0.00	36.00 -0.06 0.00
CARTHAGE___PAPER 23857	25.50 -0.07 -1.82	28.54 -0.22 -1.95	25.59 -0.13 -1.83	26.12 0.01 -1.90	26.10 0.26 -1.85	35.97 1.19 -2.18	34.12 1.21 -2.11	39.59 1.53 -0.80	40.27 1.76 0.00	49.61 2.25 0.00	40.76 1.60 0.00	41.37 1.05 0.00	36.14 0.55 0.00	45.20 0.31 0.00	54.94 0.21 0.00	49.28 0.13 0.00	40.08 0.42 0.00	39.65 1.08 0.00	40.23 1.81 0.00	41.18 2.20 0.00	38.45 1.78 0.00	36.81 1.41 0.00	38.52 1.30 0.00	37.29 1.24 0.00
CASSADAGA_WT_PWR 323784	24.38 0.63 0.00	28.20 1.38 0.00	24.80 0.92 0.00	25.53 1.32 0.00	25.28 1.30 0.00	35.02 2.43 0.00	32.79 1.99 0.00	39.79 2.53 0.00	40.31 1.80 0.00	50.05 2.70 0.00	40.75 1.59 0.00	42.12 1.80 0.00	36.85 1.26 0.00	46.35 1.46 0.00	56.61 1.88 0.00	50.18 1.04 0.00	40.09 0.42 0.00	38.51 -0.06 0.00	38.86 0.45 0.00	38.97 0.00 0.00	36.42 -0.25 0.00	34.77 -0.63 0.00	37.31 0.09 0.00	37.07 1.02 0.00
CE_DUNWOOD___DRP 24194	24.73 0.98 0.00	27.85 1.04 0.00	24.75 0.86 0.00	25.07 0.86 0.00	24.80 0.81 0.00	33.70 1.11 0.00	31.95 1.16 0.00	38.64 1.38 0.00	39.73 1.22 0.00	48.89 1.53 0.00	40.64 1.48 0.00	42.05 1.73 0.00	37.30 1.72 0.00	46.60 1.71 0.00	56.85 2.13 0.00	51.44 2.30 0.00	41.53 1.86 0.00	40.33 1.76 0.00	40.43 2.01 0.00	41.05 2.07 0.00	38.43 1.75 0.00	36.88 1.48 0.00	38.55 1.33 0.00	37.30 1.25 0.00
CE_MILLWOOD___DRP 24193	24.69 0.94 0.00	27.81 0.99 0.00	24.72 0.83 0.00	25.03 0.81 0.00	24.76 0.78 0.00	33.65 1.06 0.00	31.90 1.10 0.00	38.57 1.31 0.00	39.66 1.15 0.00	48.79 1.44 0.00	40.54 1.39 0.00	41.95 1.64 0.00	37.20 1.62 0.00	46.49 1.60 0.00	56.73 2.01 0.00	51.32 2.18 0.00	41.43 1.77 0.00	40.24 1.67 0.00	40.33 1.92 0.00	40.96 1.97 0.00	38.34 1.67 0.00	36.79 1.39 0.00	38.46 1.24 0.00	37.22 1.17 0.00
CE_NYC2_DRP 24202	24.89 1.14 0.00	27.99 1.17 0.00	24.89 1.01 0.00	25.20 0.98 0.00	24.92 0.94 0.00	33.86 1.27 0.00	32.12 1.32 0.00	38.85 1.60 0.00	39.93 1.42 0.00	49.15 1.80 0.00	40.85 1.70 0.00	42.25 1.93 0.00	37.53 1.94 0.00	46.78 1.89 0.00	57.11 2.39 0.00	51.70 2.55 0.00	41.74 2.07 0.00	40.55 1.99 0.00	40.63 2.22 0.00	41.26 2.28 0.00	38.62 1.94 0.00	37.08 1.68 0.00	38.79 1.57 0.00	37.52 1.47 0.00
CE_NYC_DRP 24195	24.89 1.14 0.00	28.01 1.19 0.00	24.88 1.00 0.00	25.21 0.99 0.00	24.93 0.94 0.00	33.89 1.30 0.00	32.16 1.36 0.00	38.89 1.63 0.00	39.97 1.46 0.00	49.21 1.85 0.00	40.92 1.76 0.00	42.35 2.03 0.00	37.58 2.00 0.00	46.91 2.02 0.00	57.27 2.54 0.00	51.85 2.71 0.00	41.86 2.20 0.00	40.67 2.10 0.00	40.77 2.36 0.00	41.39 2.41 0.00	38.72 2.04 0.00	37.16 1.76 0.00	38.86 1.64 0.00	37.61 1.55 0.00
CHAFFEE___LFGE 323603	24.14 0.39 0.00	27.80 0.99 0.00	24.49 0.61 0.00	25.09 0.88 0.00	24.77 0.78 0.00	34.16 1.57 0.00	31.60 0.80 0.00	37.93 0.67 0.00	38.39 -0.12 0.00	47.59 0.23 0.00	38.81 -0.35 0.00	39.93 -0.39 0.00	34.98 -0.60 0.00	44.08 -0.81 0.00	54.03 -0.70 0.00	48.34 -0.80 0.00	39.26 -0.41 0.00	37.92 -0.65 0.00	38.11 -0.30 0.00	38.32 -0.66 0.00	36.01 -0.67 0.00	34.50 -0.90 0.00	37.04 -0.18 0.00	36.38 0.33 0.00
CHATEAUG_35_KV_LOAD 355732	-21.02 -1.39 43.39	-21.04 -1.50 46.36	-21.06 -1.36 43.59	-22.31 -1.45 45.08	-21.47 -1.45 44.01	-21.10 -1.79 51.91	-20.93 -1.42 50.31	16.93 -1.29 19.03	37.45 -1.06 0.00	46.27 -1.09 0.00	38.63 -0.53 0.00	39.98 -0.34 0.00	35.12 -0.46 0.00	44.03 -0.86 0.00	53.31 -1.41 0.00	47.95 -1.19 0.00	39.09 -0.58 0.00	38.48 -0.09 0.00	38.31 -0.10 0.00	38.97 0.00 0.00	37.15 0.47 0.00	36.08 0.68 0.00	38.11 0.89 0.00	36.89 0.84 0.00
CHATEAUG_WT_PWR 323614	-21.68 -2.04 43.39	-21.73 -2.19 46.36	-21.63 -1.92 43.59	-22.95 -2.09 45.08	-22.08 -2.06 44.01	-21.90 -2.59 51.91	-21.71 -2.21 50.31	16.08 -2.15 19.03	36.58 -1.93 0.00	45.34 -2.02 0.00	37.92 -1.24 0.00	39.27 -1.05 0.00	34.51 -1.08 0.00	43.26 -1.63 0.00	52.34 -2.39 0.00	47.25 -1.90 0.00	38.57 -1.10 0.00	38.07 -0.50 0.00	37.84 -0.58 0.00	38.46 -0.52 0.00	36.68 0.00 0.00	35.67 0.27 0.00	37.73 0.51 0.00	36.54 0.49 0.00
CHAT_HIGH_FALL_HYD 323578	-21.02 -1.39 43.39	-21.04 -1.50 46.36	-21.06 -1.36 43.59	-22.31 -1.45 45.08	-21.47 -1.45 44.01	-21.10 -1.79 51.91	-20.93 -1.42 50.31	16.93 -1.29 19.03	37.45 -1.06 0.00	46.27 -1.09 0.00	38.63 -0.53 0.00	39.98 -0.34 0.00	35.12 -0.46 0.00	44.03 -0.86 0.00	53.31 -1.41 0.00	47.95 -1.19 0.00	39.09 -0.58 0.00	38.48 -0.09 0.00	38.31 -0.10 0.00	38.97 0.00 0.00	37.15 0.47 0.00	36.08 0.68 0.00	38.11 0.89 0.00	36.89 0.84 0.00
CHAUTAUQUA___LFGE 323629	24.16 0.41 0.00	27.92 1.11 0.00	24.55 0.67 0.00	25.24 1.02 0.00	24.92 0.93 0.00	34.47 1.88 0.00	32.07 1.27 0.00	38.82 1.56 0.00	39.24 0.73 0.00	48.70 1.34 0.00	39.64 0.48 0.00	40.97 0.65 0.00	35.85 0.26 0.00	45.07 0.19 0.00	55.06 0.34 0.00	49.06 -0.08 0.00	39.51 -0.16 0.00	38.08 -0.49 0.00	38.33 -0.09 0.00	38.53 -0.45 0.00	36.11 -0.57 0.00	34.55 -0.86 0.00	37.14 -0.08 0.00	36.67 0.61 0.00
CHERRYST_13_KV_LD 356241	24.95 1.20 0.00	28.07 1.25 0.00	24.94 1.05 0.00	25.26 1.04 0.00	24.99 1.00 0.00	33.98 1.38 0.00	32.25 1.45 0.00	39.02 1.77 0.00	40.11 1.60 0.00	49.39 2.04 0.00	41.07 1.92 0.00	42.51 2.19 0.00	37.73 2.14 0.00	47.10 2.21 0.00	57.49 2.77 0.00	52.05 2.91 0.00	42.02 2.36 0.00	40.83 2.27 0.00	40.92 2.51 0.00	41.52 2.54 0.00	38.84 2.16 0.00	37.27 1.87 0.00	38.98 1.76 0.00	37.72 1.66 0.00

CHESTROR_138KV_BK263 355645	24.49 0.74 0.00	27.57 0.75 0.00	24.49 0.61 0.00	24.82 0.60 0.00	24.55 0.56 0.00	33.37 0.77 0.00	31.59 0.80 0.00	38.24 0.98 0.00	39.31 0.80 0.00	48.32 0.96 0.00	40.12 0.96 0.00	41.50 1.19 0.00	36.77 1.18 0.00	45.95 1.06 0.00	56.10 1.38 0.00	50.68 1.54 0.00	40.92 1.25 0.00	39.72 1.16 0.00	39.84 1.43 0.00	40.47 1.49 0.00	37.89 1.21 0.00	36.35 0.95 0.00	38.03 0.81 0.00	36.80 0.74 0.00
CH_MIDHUDSON___DRP 24192	24.66 0.91 0.00	27.76 0.94 0.00	24.69 0.81 0.00	25.01 0.79 0.00	24.75 0.76 0.00	33.58 0.99 0.00	31.82 1.02 0.00	38.48 1.22 0.00	39.63 1.12 0.00	48.77 1.42 0.00	40.53 1.37 0.00	41.89 1.57 0.00	37.14 1.55 0.00	46.45 1.56 0.00	56.65 1.92 0.00	51.23 2.08 0.00	41.35 1.68 0.00	40.15 1.59 0.00	40.23 1.81 0.00	40.87 1.89 0.00	38.28 1.61 0.00	36.72 1.32 0.00	38.37 1.15 0.00	37.10 1.05 0.00
CH_MISC_IPPS 23765	24.82 1.07 0.00	27.95 1.14 0.00	24.84 0.96 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.83 1.24 0.00	32.05 1.25 0.00	38.78 1.52 0.00	39.92 1.41 0.00	49.12 1.77 0.00	40.81 1.65 0.00	42.19 1.87 0.00	37.40 1.82 0.00	46.78 1.89 0.00	57.07 2.35 0.00	51.58 2.44 0.00	41.64 1.98 0.00	40.43 1.86 0.00	40.54 2.13 0.00	41.19 2.21 0.00	38.55 1.87 0.00	36.97 1.57 0.00	38.62 1.40 0.00	37.33 1.28 0.00
CH_RES_BVR_FALLS 23983	22.99 -0.75 0.00	26.03 -0.78 0.00	23.26 -0.62 0.00	23.61 -0.61 0.00	23.44 -0.55 0.00	31.98 -0.62 0.00	30.24 -0.56 0.00	36.63 -0.63 0.00	37.97 -0.55 0.00	46.75 -0.61 0.00	38.66 -0.50 0.00	39.79 -0.53 0.00	35.09 -0.49 0.00	44.46 -0.43 0.00	54.16 -0.57 0.00	48.56 -0.59 0.00	39.20 -0.47 0.00	38.25 -0.32 0.00	38.03 -0.38 0.00	38.64 -0.34 0.00	36.39 -0.29 0.00	35.21 -0.19 0.00	37.04 -0.17 0.00	35.86 -0.20 0.00
CH_RES_NIAGARA 23895	23.39 -0.36 0.00	26.96 0.14 0.00	23.79 -0.09 0.00	24.32 0.11 0.00	24.04 0.05 0.00	33.09 0.50 0.00	30.42 -0.38 0.00	36.16 -1.10 0.00	36.55 -1.96 0.00	45.33 -2.03 0.00	36.95 -2.21 0.00	37.92 -2.40 0.00	33.29 -2.29 0.00	41.95 -2.93 0.00	51.41 -3.31 0.00	46.00 -3.14 0.00	37.33 -2.34 0.00	36.07 -2.50 0.00	36.22 -2.19 0.00	36.41 -2.57 0.00	34.23 -2.45 0.01	32.99 -2.41 0.00	35.70 -1.52 0.00	35.29 -0.76 0.00
CH_RES_SYRACUSE 23985	23.84 0.09 0.00	26.94 0.12 0.00	23.97 0.08 0.00	24.34 0.13 0.00	24.12 0.14 0.00	32.89 0.29 0.00	31.03 0.23 0.00	37.56 0.30 0.00	38.66 0.15 0.00	47.65 0.29 0.00	39.30 0.15 0.00	40.52 0.20 0.00	35.71 0.12 0.00	44.88 -0.01 0.00	54.78 0.05 0.00	49.21 0.06 0.00	39.81 0.14 0.00	38.67 0.10 0.00	38.75 0.34 0.00	39.26 0.28 0.00	36.86 0.18 0.00	35.43 0.03 0.00	37.31 0.09 0.00	36.17 0.12 0.00
CLINTON_WT_PWR 323605	-21.68 -2.04 43.39	-21.73 -2.19 46.36	-21.63 -1.92 43.59	-22.95 -2.09 45.08	-22.08 -2.06 44.01	-21.90 -2.59 51.91	-21.71 -2.21 50.31	16.08 -2.15 19.03	36.58 -1.93 0.00	45.34 -2.02 0.00	37.92 -1.24 0.00	39.27 -1.05 0.00	34.51 -1.08 0.00	43.26 -1.63 0.00	52.34 -2.39 0.00	47.25 -1.90 0.00	38.57 -1.10 0.00	38.07 -0.50 0.00	37.84 -0.58 0.00	38.46 -0.52 0.00	36.68 0.00 0.00	35.67 0.27 0.00	37.73 0.51 0.00	36.54 0.49 0.00
CLINTON___LFGE 323618	-21.04 -1.40 43.39	-21.06 -1.52 46.36	-21.07 -1.37 43.59	-22.33 -1.47 45.08	-21.48 -1.45 44.01	-21.13 -1.81 51.91	-20.95 -1.44 50.31	16.91 -1.32 19.03	37.43 -1.08 0.00	46.24 -1.12 0.00	38.61 -0.55 0.00	39.94 -0.37 0.00	35.11 -0.47 0.00	44.01 -0.88 0.00	53.28 -1.44 0.00	47.93 -1.21 0.00	39.06 -0.60 0.00	38.46 -0.11 0.00	38.29 -0.12 0.00	38.95 -0.03 0.00	37.12 0.44 0.00	36.06 0.66 0.00	38.08 0.86 0.00	36.87 0.82 0.00
COBBLENY_34_KV_TB1 80064	24.14 0.39 0.00	27.80 0.99 0.00	24.49 0.61 0.00	25.09 0.87 0.00	24.76 0.78 0.00	34.16 1.56 0.00	31.60 0.80 0.00	37.93 0.67 0.00	38.39 -0.12 0.00	47.59 0.23 0.00	38.80 -0.36 0.00	39.94 -0.38 0.00	34.98 -0.60 0.00	44.08 -0.81 0.00	54.03 -0.70 0.00	48.34 -0.80 0.00	39.25 -0.41 0.00	37.92 -0.65 0.00	38.13 -0.28 0.00	38.34 -0.64 0.00	36.00 -0.67 0.00	34.50 -0.90 0.00	37.05 -0.17 0.00	36.38 0.33 0.00
COFFEEN___115KV_TB3 355620	25.43 0.15 -1.54	28.48 0.02 -1.64	25.49 0.07 -1.54	26.04 0.22 -1.60	26.02 0.48 -1.56	35.95 1.52 -1.84	34.12 1.54 -1.78	39.90 1.96 -0.67	40.68 2.17 0.00	50.16 2.81 0.00	41.14 1.98 0.00	41.47 1.16 0.00	36.18 0.60 0.00	45.26 0.37 0.00	55.09 0.36 0.00	49.41 0.26 0.00	40.25 0.58 0.00	39.97 1.40 0.00	40.70 2.29 0.00	41.71 2.73 0.00	38.89 2.21 0.00	37.15 1.76 0.00	38.84 1.62 0.00	37.58 1.52 0.00
COLDSPRG_115KV_BK1 355956	24.98 1.23 0.00	28.84 2.02 0.00	25.34 1.46 0.00	26.07 1.85 0.00	25.78 1.79 0.00	35.74 3.15 0.00	33.51 2.71 0.00	40.72 3.46 0.00	41.35 2.84 0.00	51.37 4.01 0.00	41.84 2.68 0.00	43.25 2.94 0.00	37.84 2.25 0.00	47.60 2.71 0.00	58.08 3.36 0.00	51.28 2.13 0.00	40.70 1.04 0.00	39.11 0.54 0.00	39.53 1.12 0.00	39.69 0.71 0.00	37.17 0.49 0.00	35.48 0.08 0.00	38.12 0.90 0.00	37.99 1.93 0.00
COLONIE_LFGE___ 323577	24.65 0.90 0.00	27.76 0.94 0.00	24.71 0.83 0.00	24.96 0.74 0.00	24.77 0.78 0.00	33.47 0.88 0.00	31.62 0.82 0.00	38.18 0.92 0.00	39.52 1.01 0.00	48.71 1.35 0.00	40.33 1.17 0.00	41.55 1.23 0.00	36.72 1.13 0.00	46.16 1.27 0.00	56.27 1.54 0.00	50.87 1.73 0.00	40.86 1.19 0.00	39.66 1.10 0.00	39.66 1.25 0.00	40.29 1.32 0.00	37.94 1.26 0.00	36.39 0.99 0.00	38.00 0.78 0.00	36.74 0.69 0.00
COOPERNY_115KV_TB1 80082	24.25 0.50 0.00	27.34 0.52 0.00	24.30 0.42 0.00	24.64 0.42 0.00	24.37 0.39 0.00	33.13 0.54 0.00	31.35 0.55 0.00	37.95 0.68 0.00	39.03 0.52 0.00	47.97 0.62 0.00	39.79 0.63 0.00	41.11 0.80 0.00	36.39 0.80 0.00	45.57 0.68 0.00	55.62 0.90 0.00	50.18 1.03 0.00	40.52 0.85 0.00	39.33 0.77 0.00	39.42 1.01 0.00	40.00 1.02 0.00	37.50 0.83 0.00	36.03 0.63 0.00	37.74 0.52 0.00	36.53 0.48 0.00
COPENHAGEN_WT_PWR 323753	24.87 -0.34 -1.46	27.82 -0.55 -1.56	24.92 -0.43 -1.47	25.48 -0.25 -1.52	25.51 0.04 -1.48	35.34 1.00 -1.75	33.46 0.97 -1.69	39.15 1.25 -0.64	40.02 1.51 0.00	49.38 2.02 0.00	40.50 1.34 0.00	41.02 0.70 0.00	35.89 0.31 0.00	45.01 0.12 0.00	54.79 0.06 0.00	49.12 -0.02 0.00	40.00 0.33 0.00	39.55 0.98 0.00	40.15 1.74 0.00	41.04 2.06 0.00	38.21 1.53 0.00	36.52 1.12 0.00	38.18 0.96 0.00	36.99 0.94 0.00
CORNELL_____ 23752	24.23 0.48 0.00	27.39 0.57 0.00	24.36 0.48 0.00	24.77 0.55 0.00	24.54 0.55 0.00	33.56 0.97 0.00	31.71 0.91 0.00	38.52 1.26 0.00	39.61 1.10 0.00	48.89 1.53 0.00	40.28 1.13 0.00	41.64 1.32 0.00	36.61 1.02 0.00	45.96 1.07 0.00	56.10 1.37 0.00	50.43 1.29 0.00	40.90 1.24 0.00	39.79 1.22 0.00	39.96 1.55 0.00	40.44 1.46 0.00	37.95 1.28 0.00	36.36 0.96 0.00	38.21 0.99 0.00	37.02 0.97 0.00

CORONA_69_KV_TB1 355595	25.18 1.43 0.00	28.32 1.50 0.00	25.11 1.22 0.00	25.45 1.23 0.00	25.13 1.14 0.00	34.14 1.55 0.00	32.37 1.58 0.00	38.93 1.67 0.00	40.06 1.55 0.00	49.17 1.81 0.00	40.88 1.73 0.00	42.49 2.17 0.00	37.76 2.17 0.00	47.21 2.33 0.00	57.53 2.80 0.00	51.99 2.85 0.00	42.04 2.38 0.00	40.89 2.32 0.00	40.92 2.51 0.00	41.55 2.57 0.00	38.94 2.27 0.00	37.48 2.08 0.00	39.16 1.94 0.00	38.02 1.97 0.00
CORTLAND_115KV_TB3 80093	24.06 0.31 0.00	27.20 0.38 0.00	24.19 0.31 0.00	24.59 0.37 0.00	24.36 0.38 0.00	33.27 0.68 0.00	31.42 0.62 0.00	38.12 0.86 0.00	39.21 0.70 0.00	48.34 0.98 0.00	39.86 0.70 0.00	41.15 0.84 0.00	36.24 0.65 0.00	45.58 0.69 0.00	55.61 0.88 0.00	49.98 0.84 0.00	40.46 0.80 0.00	39.29 0.72 0.00	39.42 1.01 0.00	39.91 0.93 0.00	37.47 0.79 0.00	35.95 0.55 0.00	37.78 0.57 0.00	36.62 0.57 0.00
COXSACKIE___GT 23611	25.17 1.42 0.00	28.37 1.55 0.00	25.25 1.37 0.00	25.52 1.30 0.00	25.35 1.36 0.00	34.35 1.75 0.00	32.56 1.76 0.00	39.46 2.20 0.00	41.18 2.67 0.00	50.92 3.57 0.00	41.89 2.73 0.00	42.94 2.63 0.00	37.89 2.31 0.00	47.61 2.72 0.00	58.18 3.46 0.00	52.49 3.34 0.00	42.23 2.56 0.00	41.01 2.44 0.00	41.05 2.64 0.00	41.64 2.66 0.00	39.05 2.38 0.00	37.40 2.00 0.00	39.05 1.83 0.00	37.82 1.76 0.00
CPV_VALLEY___CC1 323721	24.31 0.56 0.00	27.39 0.57 0.00	24.34 0.45 0.00	24.67 0.45 0.00	24.39 0.40 0.00	33.13 0.54 0.00	31.37 0.57 0.00	37.96 0.69 0.00	39.03 0.52 0.00	47.97 0.61 0.00	39.82 0.67 0.00	41.18 0.86 0.00	36.47 0.89 0.00	45.61 0.73 0.00	55.68 0.95 0.00	50.29 1.15 0.00	40.60 0.93 0.00	39.42 0.85 0.00	39.52 1.11 0.00	40.13 1.15 0.00	37.59 0.92 0.00	36.07 0.68 0.00	37.76 0.54 0.00	36.54 0.48 0.00
CPV_VALLEY___CC2 323722	24.31 0.56 0.00	27.39 0.57 0.00	24.34 0.45 0.00	24.67 0.45 0.00	24.39 0.40 0.00	33.13 0.54 0.00	31.37 0.57 0.00	37.96 0.69 0.00	39.03 0.52 0.00	47.97 0.61 0.00	39.82 0.67 0.00	41.18 0.86 0.00	36.47 0.89 0.00	45.61 0.73 0.00	55.68 0.95 0.00	50.29 1.15 0.00	40.60 0.93 0.00	39.42 0.85 0.00	39.52 1.11 0.00	40.13 1.15 0.00	37.59 0.92 0.00	36.07 0.68 0.00	37.76 0.54 0.00	36.54 0.48 0.00
CRESCENT___HYD 24018	24.65 0.90 0.00	27.76 0.94 0.00	24.71 0.83 0.00	24.96 0.74 0.00	24.77 0.78 0.00	33.47 0.88 0.00	31.62 0.82 0.00	38.18 0.92 0.00	39.52 1.01 0.00	48.71 1.35 0.00	40.33 1.17 0.00	41.55 1.23 0.00	36.72 1.13 0.00	46.16 1.27 0.00	56.27 1.54 0.00	50.87 1.73 0.00	40.86 1.19 0.00	39.66 1.10 0.00	39.66 1.25 0.00	40.29 1.32 0.00	37.94 1.26 0.00	36.39 0.99 0.00	38.00 0.78 0.00	36.74 0.69 0.00
CRICKET___VALLEY_CC1 323756	24.44 0.69 0.00	27.51 0.69 0.00	24.47 0.59 0.00	24.77 0.55 0.00	24.52 0.53 0.00	33.21 0.62 0.00	31.43 0.63 0.00	37.95 0.69 0.00	39.14 0.63 0.00	48.20 0.85 0.00	40.08 0.93 0.00	41.41 1.09 0.00	36.69 1.11 0.00	45.92 1.03 0.00	55.99 1.27 0.00	50.71 1.57 0.00	40.88 1.21 0.00	39.69 1.13 0.00	39.76 1.35 0.00	40.44 1.46 0.00	37.89 1.22 0.00	36.30 0.91 0.00	37.88 0.66 0.00	36.60 0.55 0.00
CRICKET___VALLEY_CC2 323757	24.44 0.69 0.00	27.51 0.69 0.00	24.47 0.59 0.00	24.77 0.55 0.00	24.52 0.53 0.00	33.21 0.62 0.00	31.43 0.63 0.00	37.95 0.69 0.00	39.14 0.63 0.00	48.20 0.85 0.00	40.08 0.93 0.00	41.41 1.09 0.00	36.69 1.11 0.00	45.92 1.03 0.00	55.99 1.27 0.00	50.71 1.57 0.00	40.88 1.21 0.00	39.69 1.13 0.00	39.76 1.35 0.00	40.44 1.46 0.00	37.89 1.22 0.00	36.30 0.91 0.00	37.88 0.66 0.00	36.60 0.55 0.00
CRICKET___VALLEY_CC3 323758	24.44 0.69 0.00	27.51 0.69 0.00	24.47 0.59 0.00	24.77 0.55 0.00	24.52 0.53 0.00	33.21 0.62 0.00	31.43 0.63 0.00	37.95 0.69 0.00	39.14 0.63 0.00	48.20 0.85 0.00	40.08 0.93 0.00	41.41 1.09 0.00	36.69 1.11 0.00	45.92 1.03 0.00	55.99 1.27 0.00	50.71 1.57 0.00	40.88 1.21 0.00	39.69 1.13 0.00	39.76 1.35 0.00	40.44 1.46 0.00	37.89 1.22 0.00	36.30 0.91 0.00	37.88 0.66 0.00	36.60 0.55 0.00
CRUCIBLE_METL_DRP 24180	23.84 0.09 0.00	26.94 0.12 0.00	23.97 0.08 0.00	24.34 0.13 0.00	24.13 0.14 0.00	32.89 0.29 0.00	31.03 0.23 0.00	37.56 0.30 0.00	38.66 0.15 0.00	47.65 0.29 0.00	39.30 0.15 0.00	40.52 0.20 0.00	35.71 0.12 0.00	44.88 -0.01 0.00	54.78 0.05 0.00	49.21 0.06 0.00	39.81 0.14 0.00	38.67 0.10 0.00	38.75 0.34 0.00	39.26 0.28 0.00	36.86 0.18 0.00	35.43 0.03 0.00	37.31 0.09 0.00	36.17 0.12 0.00
DAHOWA___HYDRO 323763	25.16 1.41 0.00	28.37 1.55 0.00	25.22 1.33 0.00	25.46 1.24 0.00	25.27 1.28 0.00	34.24 1.65 0.00	32.39 1.59 0.00	39.14 1.88 0.00	40.48 1.97 0.00	49.93 2.58 0.00	41.36 2.20 0.00	42.59 2.27 0.00	37.62 2.04 0.00	47.31 2.41 0.00	57.74 3.01 0.00	52.22 3.08 0.00	42.05 2.39 0.00	40.83 2.27 0.00	40.86 2.45 0.00	41.45 2.47 0.00	38.97 2.30 0.00	37.32 1.92 0.00	38.88 1.66 0.00	37.54 1.49 0.00
DANC___LFGE 323619	24.66 -0.13 -1.04	27.68 -0.25 -1.11	24.74 -0.19 -1.04	25.22 -0.07 -1.08	25.16 0.12 -1.05	34.62 0.78 -1.24	32.72 0.72 -1.20	38.61 0.90 -0.45	39.52 1.01 0.00	48.72 1.37 0.00	40.02 0.87 0.00	40.76 0.44 0.00	35.75 0.17 0.00	44.84 -0.04 0.00	54.59 -0.13 0.00	48.93 -0.21 0.00	39.75 0.08 0.00	39.06 0.50 0.00	39.53 1.12 0.00	40.30 1.32 0.00	37.66 0.98 0.00	36.09 0.69 0.00	37.90 0.68 0.00	36.73 0.68 0.00
DANSKAMMER___1 23586	24.82 1.07 0.00	27.95 1.14 0.00	24.84 0.96 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.83 1.24 0.00	32.05 1.25 0.00	38.78 1.52 0.00	39.92 1.41 0.00	49.12 1.77 0.00	40.81 1.65 0.00	42.19 1.87 0.00	37.40 1.82 0.00	46.78 1.89 0.00	57.07 2.35 0.00	51.58 2.44 0.00	41.64 1.98 0.00	40.43 1.86 0.00	40.54 2.13 0.00	41.19 2.21 0.00	38.55 1.87 0.00	36.97 1.57 0.00	38.62 1.40 0.00	37.33 1.28 0.00
DANSKAMMER___2 23589	24.82 1.07 0.00	27.95 1.14 0.00	24.84 0.96 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.83 1.24 0.00	32.05 1.25 0.00	38.78 1.52 0.00	39.92 1.41 0.00	49.12 1.77 0.00	40.81 1.65 0.00	42.19 1.87 0.00	37.40 1.82 0.00	46.78 1.89 0.00	57.07 2.35 0.00	51.58 2.44 0.00	41.64 1.98 0.00	40.43 1.86 0.00	40.54 2.13 0.00	41.19 2.21 0.00	38.55 1.87 0.00	36.97 1.57 0.00	38.62 1.40 0.00	37.33 1.28 0.00
DANSKAMMER___3 23590	24.82 1.07 0.00	27.95 1.14 0.00	24.84 0.96 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.83 1.24 0.00	32.05 1.25 0.00	38.78 1.52 0.00	39.92 1.41 0.00	49.12 1.77 0.00	40.81 1.65 0.00	42.19 1.87 0.00	37.40 1.82 0.00	46.78 1.89 0.00	57.07 2.35 0.00	51.58 2.44 0.00	41.64 1.98 0.00	40.43 1.86 0.00	40.54 2.13 0.00	41.19 2.21 0.00	38.55 1.87 0.00	36.97 1.57 0.00	38.62 1.40 0.00	37.33 1.28 0.00

DANSKAMMER___4 23591	24.82 1.07 0.00	27.95 1.14 0.00	24.84 0.96 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.83 1.24 0.00	32.05 1.25 0.00	38.78 1.52 0.00	39.92 1.41 0.00	49.12 1.77 0.00	40.81 1.65 0.00	42.19 1.87 0.00	37.40 1.82 0.00	46.78 1.89 0.00	57.07 2.35 0.00	51.58 2.44 0.00	41.64 1.98 0.00	40.43 1.86 0.00	40.54 2.13 0.00	41.19 2.21 0.00	38.55 1.87 0.00	36.97 1.57 0.00	38.62 1.40 0.00	37.33 1.28 0.00
DANSKAMMER___DIESEL 23592	24.82 1.07 0.00	27.95 1.14 0.00	24.84 0.95 0.00	25.16 0.95 0.00	24.90 0.91 0.00	33.83 1.24 0.00	32.04 1.25 0.00	38.78 1.52 0.00	39.92 1.41 0.00	49.12 1.77 0.00	40.81 1.65 0.00	42.19 1.87 0.00	37.40 1.82 0.00	46.78 1.89 0.00	57.07 2.35 0.00	51.58 2.44 0.00	41.64 1.98 0.00	40.43 1.86 0.00	40.54 2.13 0.00	41.18 2.20 0.00	38.55 1.87 0.00	36.97 1.57 0.00	38.63 1.41 0.00	37.33 1.28 0.00
DARBY___SOLAR 323810	25.03 1.28 0.00	28.22 1.40 0.00	25.10 1.22 0.00	25.35 1.14 0.00	25.15 1.16 0.00	34.07 1.48 0.00	32.22 1.42 0.00	38.94 1.68 0.00	40.26 1.75 0.00	49.66 2.31 0.00	41.12 1.96 0.00	42.34 2.03 0.00	37.41 1.83 0.00	47.05 2.16 0.00	57.40 2.67 0.00	51.91 2.77 0.00	41.79 2.12 0.00	40.58 2.02 0.00	40.60 2.19 0.00	41.20 2.21 0.00	38.75 2.07 0.00	37.12 1.72 0.00	38.70 1.48 0.00	37.38 1.33 0.00
DASHVILLE___HYD 23610	24.39 0.64 0.00	27.44 0.62 0.00	24.40 0.52 0.00	24.74 0.52 0.00	24.46 0.47 0.00	33.21 0.62 0.00	31.47 0.68 0.00	38.11 0.84 0.00	39.15 0.64 0.00	48.12 0.77 0.00	40.04 0.88 0.00	41.45 1.14 0.00	36.79 1.21 0.00	45.95 1.06 0.00	56.04 1.31 0.00	50.64 1.49 0.00	40.91 1.24 0.00	39.73 1.16 0.00	39.82 1.41 0.00	40.46 1.48 0.00	37.87 1.19 0.00	36.35 0.94 0.00	37.99 0.77 0.00	36.73 0.68 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	24.74 0.99 0.00	27.85 1.03 0.00	24.67 0.78 0.00	24.95 0.73 0.00	24.68 0.69 0.00	33.34 0.75 0.00	31.81 1.01 0.00	38.15 0.89 0.00	39.06 0.55 0.00	47.62 0.26 0.00	39.48 0.32 0.00	41.26 0.95 0.00	36.89 1.31 0.00	46.24 1.35 0.00	56.10 1.37 0.00	50.85 1.70 0.00	40.75 1.08 0.00	39.67 1.10 0.00	39.64 1.23 0.00	40.30 1.32 0.00	37.69 1.02 0.00	36.17 0.77 0.00	37.52 0.30 0.00	36.52 0.47 0.00
DELAWARE___LFGE 323621	24.27 0.52 0.00	27.35 0.53 0.00	24.40 0.52 0.00	24.75 0.53 0.00	24.49 0.51 0.00	33.33 0.74 0.00	31.50 0.71 0.00	38.17 0.91 0.00	39.32 0.80 0.00	48.39 1.03 0.00	40.02 0.86 0.00	41.34 1.02 0.00	36.50 0.92 0.00	45.85 0.97 0.00	55.92 1.20 0.00	50.35 1.21 0.00	40.72 1.05 0.00	39.51 0.94 0.00	39.59 1.18 0.00	40.12 1.14 0.00	37.68 1.00 0.00	36.19 0.79 0.00	37.98 0.75 0.00	36.80 0.75 0.00
DERFIELD_115KV_TB7 355931	23.82 0.07 0.00	26.87 0.05 0.00	23.93 0.05 0.00	24.27 0.05 0.00	24.03 0.05 0.00	32.66 0.07 0.00	30.89 0.09 0.00	37.40 0.14 0.00	38.65 0.14 0.00	47.54 0.19 0.00	39.32 0.17 0.00	40.51 0.19 0.00	35.77 0.18 0.00	45.07 0.18 0.00	54.86 0.14 0.00	49.32 0.17 0.00	39.79 0.12 0.00	38.66 0.09 0.00	38.59 0.17 0.00	39.16 0.17 0.00	36.82 0.14 0.00	35.47 0.06 0.00	37.23 0.01 0.00	36.05 0.00 0.00
DOGLEVILLE___HYD 23807	24.06 0.31 0.00	26.96 0.15 0.00	23.98 0.10 0.00	24.20 -0.02 0.00	23.96 -0.03 0.00	32.34 -0.25 0.00	30.69 -0.11 0.00	37.34 0.08 0.00	38.59 0.08 0.00	47.54 0.19 0.00	39.20 0.04 0.00	40.58 0.26 0.00	35.70 0.12 0.00	44.60 -0.29 0.00	54.28 -0.45 0.00	49.46 0.31 0.00	39.85 0.18 0.00	38.59 0.02 0.00	38.85 0.44 0.00	39.45 0.46 0.00	37.14 0.46 0.00	35.36 -0.04 0.00	36.56 -0.66 0.00	35.26 -0.79 0.00
DUNKIRK___115KV_TB_200 55889	24.15 0.40 0.00	27.89 1.08 0.00	24.52 0.64 0.00	25.20 0.99 0.00	24.87 0.88 0.00	34.40 1.81 0.00	31.98 1.19 0.00	38.70 1.44 0.00	39.12 0.62 0.00	48.54 1.19 0.00	39.52 0.36 0.00	40.83 0.52 0.00	35.72 0.14 0.00	44.92 0.03 0.00	54.90 0.18 0.00	48.93 -0.21 0.00	39.43 -0.24 0.00	38.02 -0.55 0.00	38.27 -0.14 0.00	38.48 -0.50 0.00	36.06 -0.61 0.00	34.51 -0.89 0.00	37.10 -0.12 0.00	36.61 0.56 0.00
DUNKIRK___1 23563	24.15 0.40 0.00	27.89 1.08 0.00	24.52 0.64 0.00	25.20 0.99 0.00	24.87 0.88 0.00	34.40 1.81 0.00	31.98 1.19 0.00	38.70 1.44 0.00	39.12 0.62 0.00	48.54 1.19 0.00	39.52 0.36 0.00	40.83 0.52 0.00	35.72 0.14 0.00	44.92 0.03 0.00	54.90 0.18 0.00	48.93 -0.21 0.00	39.43 -0.24 0.00	38.02 -0.55 0.00	38.27 -0.14 0.00	38.48 -0.50 0.00	36.06 -0.61 0.00	34.51 -0.89 0.00	37.10 -0.12 0.00	36.61 0.56 0.00
DUNKIRK___2 23564	24.15 0.40 0.00	27.89 1.08 0.00	24.52 0.64 0.00	25.20 0.99 0.00	24.87 0.88 0.00	34.40 1.81 0.00	31.98 1.19 0.00	38.70 1.44 0.00	39.12 0.62 0.00	48.54 1.19 0.00	39.52 0.36 0.00	40.83 0.52 0.00	35.72 0.14 0.00	44.92 0.03 0.00	54.90 0.18 0.00	48.93 -0.21 0.00	39.43 -0.24 0.00	38.02 -0.55 0.00	38.27 -0.14 0.00	38.48 -0.50 0.00	36.06 -0.61 0.00	34.51 -0.89 0.00	37.10 -0.12 0.00	36.61 0.56 0.00
DUNKIRK___3 23565	24.06 0.31 0.00	27.77 0.95 0.00	24.42 0.54 0.00	25.08 0.86 0.00	24.75 0.76 0.00	34.18 1.59 0.00	31.72 0.92 0.00	38.31 1.05 0.00	38.71 0.20 0.00	47.98 0.63 0.00	39.07 -0.09 0.00	40.36 0.04 0.00	35.32 -0.27 0.00	44.46 -0.43 0.00	54.44 -0.29 0.00	48.61 -0.53 0.00	39.28 -0.38 0.00	37.89 -0.68 0.00	38.15 -0.26 0.00	38.35 -0.63 0.00	35.96 -0.72 0.00	34.43 -0.97 0.00	36.96 -0.26 0.00	36.35 0.30 0.00
DUNKIRK___4 23566	24.06 0.31 0.00	27.77 0.95 0.00	24.42 0.54 0.00	25.08 0.86 0.00	24.75 0.76 0.00	34.18 1.59 0.00	31.72 0.92 0.00	38.31 1.05 0.00	38.71 0.20 0.00	48.08 0.72 0.00	39.16 0.01 0.00	40.40 0.08 0.00	35.37 -0.22 0.00	44.51 -0.38 0.00	54.44 -0.29 0.00	48.60 -0.54 0.00	39.29 -0.37 0.00	37.89 -0.68 0.00	38.15 -0.26 0.00	38.35 -0.63 0.00	35.97 -0.71 0.00	34.45 -0.95 0.00	37.02 -0.20 0.00	36.46 0.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.79 1.04 0.00	27.91 1.09 0.00	24.79 0.91 0.00	25.12 0.90 0.00	24.84 0.86 0.00	33.77 1.17 0.00	32.02 1.23 0.00	38.71 1.46 0.00	39.81 1.30 0.00	48.99 1.63 0.00	40.73 1.57 0.00	42.15 1.83 0.00	37.38 1.80 0.00	46.72 1.83 0.00	56.99 2.27 0.00	51.57 2.43 0.00	41.64 1.98 0.00	40.44 1.87 0.00	40.53 2.12 0.00	41.15 2.17 0.00	38.51 1.84 0.00	36.96 1.56 0.00	38.65 1.43 0.00	37.41 1.36 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.60 0.85 0.00	27.70 0.89 0.00	24.60 0.72 0.00	24.94 0.72 0.00	24.66 0.67 0.00	33.52 0.93 0.00	31.75 0.95 0.00	38.44 1.18 0.00	39.52 1.01 0.00	48.58 1.23 0.00	40.36 1.20 0.00	41.74 1.43 0.00	37.00 1.41 0.00	46.24 1.35 0.00	56.43 1.71 0.00	51.00 1.86 0.00	41.18 1.52 0.00	39.99 1.42 0.00	40.11 1.70 0.00	40.74 1.76 0.00	38.13 1.46 0.00	36.57 1.17 0.00	38.24 1.02 0.00	36.97 0.92 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	24.92 1.17 0.00	28.04 1.22 0.00	24.95 1.07 0.00	25.24 1.02 0.00	24.95 0.96 0.00	33.87 1.28 0.00	32.08 1.28 0.00	38.79 1.53 0.00	39.87 1.36 0.00	49.05 1.69 0.00	40.75 1.59 0.00	42.15 1.83 0.00	37.44 1.86 0.00	46.69 1.80 0.00	57.01 2.28 0.00	51.58 2.44 0.00	41.61 1.95 0.00	40.45 1.88 0.00	40.49 2.08 0.00	41.15 2.17 0.00	38.51 1.83 0.00	36.97 1.57 0.00	38.69 1.47 0.00	37.40 1.35 0.00
E179THST_13_KV_LOAD 356214	25.02 1.27 0.00	28.15 1.33 0.00	25.04 1.16 0.00	25.33 1.12 0.00	25.04 1.05 0.00	34.00 1.41 0.00	32.21 1.41 0.00	38.97 1.71 0.00	40.06 1.55 0.00	49.28 1.92 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.04 0.00	46.93 2.04 0.00	57.30 2.57 0.00	51.84 2.70 0.00	41.83 2.16 0.00	40.66 2.09 0.00	40.71 2.29 0.00	41.37 2.39 0.00	38.70 2.03 0.00	37.17 1.77 0.00	38.88 1.66 0.00	37.58 1.53 0.00
EAST HAMPTON___GT 23717	24.86 1.11 0.00	28.06 1.24 0.00	24.82 0.94 0.00	25.12 0.90 0.00	24.88 0.89 0.00	33.51 0.92 0.00	31.91 1.11 0.00	38.25 0.99 0.00	38.97 0.46 0.00	47.36 0.01 0.00	39.17 0.01 0.00	40.90 0.59 0.00	36.66 1.07 0.00	46.06 1.17 0.00	55.73 1.00 0.00	50.64 1.49 0.00	40.20 0.54 0.00	39.15 0.58 0.00	39.08 0.67 0.00	39.78 0.80 0.00	37.17 0.49 0.00	35.64 0.24 0.00	37.00 -0.22 0.00	35.98 -0.08 0.00
EAST RIVER___6 23660	24.92 1.17 0.00	28.03 1.21 0.00	24.91 1.02 0.00	25.23 1.01 0.00	24.95 0.96 0.00	33.92 1.33 0.00	32.22 1.42 0.00	38.94 1.68 0.00	39.98 1.47 0.00	49.23 1.88 0.00	40.95 1.80 0.00	42.39 2.07 0.00	37.63 2.04 0.00	46.97 2.09 0.00	57.34 2.61 0.00	51.91 2.77 0.00	41.92 2.25 0.00	40.77 2.20 0.00	40.86 2.45 0.00	41.47 2.49 0.00	38.79 2.11 0.00	37.24 1.84 0.00	38.94 1.73 0.00	37.67 1.62 0.00
EAST RIVER___7 23524	24.92 1.17 0.00	28.03 1.21 0.00	24.91 1.02 0.00	25.23 1.01 0.00	24.95 0.96 0.00	33.92 1.33 0.00	32.22 1.42 0.00	38.94 1.68 0.00	39.98 1.47 0.00	49.23 1.88 0.00	40.95 1.80 0.00	42.39 2.07 0.00	37.63 2.04 0.00	46.97 2.09 0.00	57.34 2.61 0.00	51.91 2.77 0.00	41.92 2.25 0.00	40.77 2.20 0.00	40.86 2.45 0.00	41.47 2.49 0.00	38.79 2.11 0.00	37.24 1.84 0.00	38.94 1.73 0.00	37.67 1.62 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.73 0.98 0.00	27.85 1.04 0.00	24.75 0.86 0.00	25.07 0.86 0.00	24.80 0.81 0.00	33.70 1.11 0.00	31.95 1.16 0.00	38.64 1.38 0.00	39.73 1.22 0.00	48.89 1.53 0.00	40.64 1.48 0.00	42.05 1.73 0.00	37.30 1.72 0.00	46.60 1.71 0.00	56.85 2.13 0.00	51.44 2.30 0.00	41.53 1.86 0.00	40.33 1.76 0.00	40.43 2.01 0.00	41.05 2.07 0.00	38.43 1.75 0.00	36.88 1.48 0.00	38.55 1.33 0.00	37.30 1.25 0.00
EAST_HAMPTON___DIESEL 23722	24.84 1.10 0.00	28.05 1.23 0.00	24.81 0.93 0.00	25.12 0.90 0.00	24.87 0.88 0.00	33.49 0.90 0.00	31.87 1.07 0.00	38.21 0.94 0.00	38.90 0.39 0.00	47.27 -0.09 0.00	39.08 -0.08 0.00	40.80 0.49 0.00	36.58 1.00 0.00	45.97 1.08 0.00	55.60 0.88 0.00	50.54 1.39 0.00	40.08 0.42 0.00	39.03 0.47 0.00	38.96 0.54 0.00	39.66 0.68 0.00	37.05 0.37 0.00	35.53 0.13 0.00	36.88 -0.34 0.00	35.87 -0.19 0.00
EAST_POINT___SOLAR 323840	25.16 1.41 0.00	28.40 1.58 0.00	25.29 1.41 0.00	25.67 1.45 0.00	25.46 1.47 0.00	34.82 2.23 0.00	33.12 2.32 0.00	40.23 2.97 0.00	41.36 2.85 0.00	50.89 3.53 0.00	41.74 2.58 0.00	43.19 2.88 0.00	37.91 2.33 0.00	47.70 2.81 0.00	57.67 2.95 0.00	52.07 2.93 0.00	42.59 2.93 0.00	41.44 2.87 0.00	41.47 3.06 0.00	42.06 3.08 0.00	39.44 2.76 0.00	37.85 2.45 0.00	39.72 2.51 0.00	38.40 2.35 0.00
EAST_PULASKI___ESR 323781	23.92 0.17 0.00	26.97 0.16 0.00	24.02 0.13 0.00	24.43 0.21 0.00	24.29 0.30 0.00	33.33 0.74 0.00	31.39 0.60 0.00	37.95 0.69 0.00	39.15 0.64 0.00	48.26 0.90 0.00	39.71 0.55 0.00	40.67 0.35 0.00	35.74 0.16 0.00	44.84 -0.05 0.00	54.56 -0.16 0.00	48.91 -0.24 0.00	39.62 -0.05 0.00	38.73 0.17 0.00	39.08 0.67 0.00	39.77 0.79 0.00	37.29 0.61 0.00	35.81 0.41 0.00	37.80 0.58 0.00	36.68 0.63 0.00
EAST_RIVER___1 323558	24.89 1.14 0.00	28.01 1.19 0.00	24.88 1.00 0.00	25.21 0.99 0.00	24.93 0.94 0.00	33.89 1.30 0.00	32.16 1.36 0.00	38.89 1.63 0.00	39.97 1.46 0.00	49.21 1.85 0.00	40.92 1.76 0.00	42.34 2.02 0.00	37.58 1.99 0.00	46.91 2.02 0.00	57.27 2.54 0.00	51.85 2.71 0.00	41.86 2.20 0.00	40.67 2.10 0.00	40.77 2.36 0.00	41.39 2.41 0.00	38.72 2.04 0.00	37.16 1.76 0.00	38.86 1.64 0.00	37.61 1.56 0.00
EAST_RIVER___2 323559	24.92 1.17 0.00	28.03 1.21 0.00	24.91 1.02 0.00	25.23 1.01 0.00	24.95 0.96 0.00	33.92 1.33 0.00	32.22 1.42 0.00	38.94 1.68 0.00	39.98 1.47 0.00	49.23 1.88 0.00	40.95 1.80 0.00	42.39 2.07 0.00	37.63 2.04 0.00	46.97 2.09 0.00	57.34 2.61 0.00	51.91 2.77 0.00	41.92 2.25 0.00	40.77 2.20 0.00	40.86 2.45 0.00	41.47 2.49 0.00	38.79 2.11 0.00	37.24 1.84 0.00	38.94 1.73 0.00	37.67 1.62 0.00
EAST___DELAWARE_HYD 23607	23.88 0.13 0.00	26.86 0.05 0.00	23.86 -0.02 0.00	24.18 -0.03 0.00	23.93 -0.05 0.00	32.55 -0.04 0.00	30.86 0.06 0.00	37.41 0.15 0.00	38.49 -0.02 0.00	47.29 -0.06 0.00	39.28 0.13 0.00	40.65 0.34 0.00	36.06 0.47 0.00	45.07 0.18 0.00	54.96 0.23 0.00	49.56 0.42 0.00	40.06 0.40 0.00	38.94 0.37 0.00	39.07 0.66 0.00	39.69 0.71 0.00	37.15 0.47 0.00	35.63 0.23 0.00	37.22 0.00 0.00	35.95 -0.10 0.00
EIGHT_POINT___WT_PWR 323820	23.29 -0.46 0.00	26.34 -0.48 0.00	23.17 -0.72 0.00	24.15 -0.07 0.00	24.03 0.04 0.00	33.89 1.29 0.00	31.59 0.79 0.00	39.21 1.95 0.00	39.84 1.33 0.00	49.60 2.24 0.00	40.47 1.31 0.00	41.87 1.55 0.00	37.06 1.48 0.00	46.33 1.44 0.00	56.93 2.21 0.00	51.18 2.03 0.00	41.66 1.99 0.00	40.11 1.54 0.00	40.76 2.36 0.00	41.11 2.14 0.00	38.48 1.80 0.00	36.74 1.34 0.00	38.77 1.55 0.00	37.79 1.74 0.00
ELBRIDGE_115KV_TB2 80188	23.71 -0.03 0.00	26.81 0.00 0.00	23.85 -0.03 0.00	24.23 0.02 0.00	24.00 0.01 0.00	32.70 0.11 0.00	30.85 0.05 0.00	37.33 0.07 0.00	38.42 -0.09 0.00	47.32 -0.03 0.00	39.03 -0.13 0.00	40.24 -0.08 0.00	35.46 -0.12 0.00	44.59 -0.30 0.00	54.43 -0.29 0.00	48.92 -0.23 0.00	39.56 -0.11 0.00	38.41 -0.16 0.00	38.47 0.06 0.00	38.97 -0.01 0.00	36.60 -0.08 0.00	35.19 -0.21 0.00	37.05 -0.17 0.00	35.93 -0.13 0.00
ELEC_TRO_TEK 24086	25.06 1.31 0.00	28.20 1.38 0.00	25.00 1.12 0.00	25.32 1.11 0.00	25.02 1.03 0.00	33.97 1.38 0.00	32.24 1.44 0.00	38.78 1.52 0.00	39.91 1.40 0.00	48.98 1.63 0.00	40.73 1.57 0.00	42.33 2.01 0.00	37.61 2.02 0.00	47.03 2.14 0.00	57.30 2.58 0.00	51.77 2.63 0.00	41.87 2.21 0.00	40.70 2.13 0.00	40.72 2.31 0.00	41.32 2.34 0.00	38.74 2.06 0.00	37.27 1.87 0.00	38.90 1.68 0.00	37.80 1.75 0.00

ELLENBURG_WT_PWR 323604	-21.68 -2.04 43.39	-21.73 -2.19 46.36	-21.63 -1.92 43.59	-22.95 -2.09 45.08	-22.08 -2.06 44.01	-21.90 -2.59 51.91	-21.71 -2.21 50.31	16.08 -2.15 19.03	36.58 -1.93 0.00	45.34 -2.02 0.00	37.92 -1.24 0.00	39.27 -1.05 0.00	34.51 -1.08 0.00	43.26 -1.63 0.00	52.34 -2.39 0.00	47.25 -1.90 0.00	38.57 -1.10 0.00	38.07 -0.50 0.00	37.84 -0.58 0.00	38.46 -0.52 0.00	36.68 0.00 0.00	35.67 0.27 0.00	37.73 0.51 0.00	36.54 0.49 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.90 0.15 0.00	27.53 0.71 0.00	24.27 0.39 0.00	24.86 0.64 0.00	24.54 0.56 0.00	33.83 1.24 0.00	31.25 0.45 0.00	37.41 0.15 0.00	37.84 -0.67 0.00	46.93 -0.43 0.00	38.28 -0.88 0.00	39.34 -0.97 0.00	34.50 -1.08 0.00	43.48 -1.41 0.00	53.27 -1.45 0.00	47.67 -1.48 0.00	38.66 -1.01 0.00	37.33 -1.23 0.00	37.51 -0.91 0.00	37.72 -1.26 0.00	35.42 -1.25 0.00	34.00 -1.40 0.00	36.58 -0.64 0.00	36.02 -0.04 0.00
EMPIRE_CC_1 323656	24.48 0.73 0.00	27.56 0.74 0.00	24.54 0.66 0.00	24.79 0.57 0.00	24.60 0.61 0.00	33.21 0.62 0.00	31.37 0.57 0.00	37.86 0.60 0.00	39.20 0.69 0.00	48.31 0.95 0.00	40.00 0.85 0.00	41.21 0.89 0.00	36.43 0.85 0.00	45.77 0.88 0.00	55.77 1.05 0.00	50.44 1.30 0.00	40.48 0.82 0.00	39.30 0.73 0.00	39.29 0.88 0.00	39.93 0.95 0.00	37.59 0.92 0.00	36.07 0.68 0.00	37.70 0.48 0.00	36.47 0.41 0.00
EMPIRE_CC_2 323658	24.48 0.73 0.00	27.56 0.74 0.00	24.54 0.66 0.00	24.79 0.57 0.00	24.60 0.61 0.00	33.21 0.62 0.00	31.37 0.57 0.00	37.86 0.60 0.00	39.20 0.69 0.00	48.31 0.95 0.00	40.00 0.85 0.00	41.21 0.89 0.00	36.43 0.85 0.00	45.77 0.88 0.00	55.77 1.05 0.00	50.44 1.30 0.00	40.48 0.82 0.00	39.30 0.73 0.00	39.29 0.88 0.00	39.93 0.95 0.00	37.59 0.92 0.00	36.07 0.68 0.00	37.70 0.48 0.00	36.47 0.41 0.00
ENORWICH_115KV_TB1 80156	24.60 0.85 0.00	27.61 0.79 0.00	24.82 0.94 0.00	25.10 0.88 0.00	24.93 0.94 0.00	34.42 1.83 0.00	32.51 1.72 0.00	39.62 2.36 0.00	40.94 2.43 0.00	50.74 3.38 0.00	41.85 2.70 0.00	43.54 3.22 0.00	38.15 2.56 0.00	47.84 2.95 0.00	58.43 3.70 0.00	52.64 3.50 0.00	43.01 3.35 0.00	41.90 3.33 0.00	42.21 3.79 0.00	42.67 3.69 0.00	39.91 3.24 0.00	37.96 2.56 0.00	39.81 2.59 0.00	38.67 2.61 0.00
ERIE_ST__34_KV_TB1-2 80199	24.25 0.50 0.00	27.93 1.11 0.00	24.60 0.71 0.00	25.18 0.97 0.00	24.86 0.87 0.00	34.26 1.67 0.00	31.70 0.90 0.00	38.12 0.86 0.00	38.55 0.04 0.00	47.82 0.47 0.00	39.04 -0.12 0.00	40.11 -0.21 0.00	35.11 -0.47 0.00	44.25 -0.64 0.00	54.29 -0.44 0.00	48.59 -0.55 0.00	39.46 -0.21 0.00	38.10 -0.47 0.00	38.34 -0.07 0.00	38.54 -0.44 0.00	36.14 -0.53 0.00	34.58 -0.82 0.00	37.10 -0.12 0.00	36.43 0.38 0.00
ERIE_WT_PWR 323693	24.05 0.30 0.00	27.71 0.89 0.00	24.41 0.53 0.00	25.02 0.80 0.00	24.70 0.71 0.00	34.05 1.46 0.00	31.46 0.66 0.00	37.75 0.50 0.00	38.14 -0.37 0.00	47.33 -0.03 0.00	38.59 -0.56 0.00	39.69 -0.62 0.00	34.82 -0.76 0.00	43.84 -1.05 0.00	53.71 -1.01 0.00	48.09 -1.06 0.00	39.00 -0.66 0.00	37.69 -0.88 0.00	37.81 -0.60 0.00	38.04 -0.94 0.00	35.74 -0.94 0.00	34.28 -1.12 0.00	36.85 -0.37 0.00	36.24 0.19 0.00
ESPRGFLD_115KV_TB1 80157	24.67 0.92 0.00	27.82 1.00 0.00	24.81 0.93 0.00	25.24 1.03 0.00	24.99 1.01 0.00	34.24 1.65 0.00	32.49 1.69 0.00	39.44 2.18 0.00	40.57 2.06 0.00	49.89 2.53 0.00	41.17 2.02 0.00	42.52 2.21 0.00	37.41 1.83 0.00	47.05 2.16 0.00	57.30 2.57 0.00	51.47 2.33 0.00	41.85 2.19 0.00	40.74 2.17 0.00	40.76 2.34 0.00	41.27 2.29 0.00	38.68 2.00 0.00	37.17 1.77 0.00	39.13 1.91 0.00	37.93 1.88 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.20 0.45 0.00	27.36 0.54 0.00	24.33 0.45 0.00	24.74 0.52 0.00	24.51 0.52 0.00	33.52 0.92 0.00	31.66 0.86 0.00	38.45 1.19 0.00	39.53 1.02 0.00	48.78 1.43 0.00	40.20 1.04 0.00	41.55 1.24 0.00	36.53 0.95 0.00	45.87 0.98 0.00	55.99 1.27 0.00	50.34 1.19 0.00	40.83 1.16 0.00	39.69 1.13 0.00	39.87 1.47 0.00	40.35 1.37 0.00	37.87 1.20 0.00	36.30 0.90 0.00	38.13 0.91 0.00	36.96 0.91 0.00
ETNA____115KV_TB2 80207	24.20 0.45 0.00	27.36 0.54 0.00	24.33 0.45 0.00	24.74 0.52 0.00	24.51 0.52 0.00	33.52 0.92 0.00	31.66 0.86 0.00	38.45 1.19 0.00	39.53 1.02 0.00	48.78 1.43 0.00	40.20 1.04 0.00	41.55 1.24 0.00	36.53 0.95 0.00	45.87 0.98 0.00	55.99 1.27 0.00	50.34 1.19 0.00	40.83 1.16 0.00	39.69 1.13 0.00	39.87 1.47 0.00	40.35 1.37 0.00	37.87 1.20 0.00	36.30 0.90 0.00	38.13 0.91 0.00	36.96 0.91 0.00
EUCLID__115KV_TB2 356179	23.65 -0.10 0.00	26.71 -0.11 0.00	23.77 -0.11 0.00	24.13 -0.08 0.00	23.91 -0.07 0.00	32.57 -0.03 0.00	30.74 -0.06 0.00	37.17 -0.09 0.00	38.30 -0.21 0.00	47.16 -0.19 0.00	38.93 -0.23 0.00	40.11 -0.20 0.00	35.38 -0.20 0.00	44.49 -0.39 0.00	54.31 -0.42 0.00	48.77 -0.37 0.00	39.43 -0.23 0.00	38.31 -0.26 0.00	38.35 -0.06 0.00	38.86 -0.12 0.00	36.48 -0.20 0.00	35.09 -0.31 0.00	36.96 -0.26 0.00	35.83 -0.22 0.00
E_CANADA_CAP_HY 24051	24.96 1.21 0.00	28.18 1.37 0.00	25.12 1.24 0.00	25.52 1.30 0.00	25.30 1.32 0.00	34.63 2.04 0.00	32.90 2.10 0.00	39.89 2.63 0.00	41.05 2.54 0.00	50.46 3.11 0.00	41.56 2.40 0.00	42.82 2.50 0.00	37.60 2.01 0.00	47.33 2.44 0.00	57.52 2.80 0.00	51.73 2.59 0.00	42.12 2.46 0.00	41.03 2.46 0.00	40.96 2.55 0.00	41.51 2.53 0.00	38.92 2.24 0.00	37.44 2.04 0.00	39.43 2.21 0.00	38.21 2.16 0.00
E_CANADA_MHWK_HY 24050	24.06 0.31 0.00	26.96 0.15 0.00	23.98 0.10 0.00	24.20 -0.02 0.00	23.96 -0.03 0.00	32.34 -0.25 0.00	30.69 -0.11 0.00	37.34 0.08 0.00	38.59 0.08 0.00	47.54 0.19 0.00	39.20 0.04 0.00	40.58 0.26 0.00	35.70 0.12 0.00	44.60 -0.29 0.00	54.28 -0.45 0.00	49.46 0.31 0.00	39.85 0.18 0.00	38.59 0.02 0.00	38.85 0.44 0.00	39.45 0.46 0.00	37.14 0.46 0.00	35.36 -0.04 0.00	36.56 -0.66 0.00	35.26 -0.79 0.00
E_FISHKILL__LBMP 23776	24.57 0.83 0.00	27.67 0.86 0.00	24.60 0.72 0.00	24.92 0.70 0.00	24.65 0.66 0.00	33.46 0.87 0.00	31.69 0.89 0.00	38.31 1.05 0.00	39.44 0.93 0.00	48.52 1.17 0.00	40.32 1.16 0.00	41.68 1.37 0.00	36.96 1.38 0.00	46.20 1.31 0.00	56.35 1.63 0.00	50.98 1.84 0.00	41.14 1.47 0.00	39.94 1.37 0.00	40.01 1.60 0.00	40.64 1.66 0.00	38.07 1.40 0.00	36.54 1.15 0.00	38.21 0.99 0.00	36.97 0.92 0.00
FALCON__SEABRD_CC1 323796	-21.23 -1.60 43.39	-21.27 -1.74 46.36	-21.26 -1.56 43.59	-22.52 -1.66 45.08	-21.67 -1.64 44.01	-21.40 -2.09 51.91	-21.24 -1.73 50.31	16.51 -1.71 19.03	37.00 -1.51 0.00	45.75 -1.61 0.00	38.18 -0.97 0.00	39.52 -0.80 0.00	34.77 -0.81 0.00	43.68 -1.21 0.00	52.93 -1.79 0.00	47.61 -1.54 0.00	38.76 -0.91 0.00	38.02 -0.54 0.00	37.83 -0.58 0.00	38.47 -0.51 0.00	36.71 0.04 0.00	35.70 0.30 0.00	37.73 0.51 0.00	36.56 0.50 0.00

FALCON___SEABRD_CC2 323797	-21.23 -1.60 43.39	-21.27 -1.74 46.36	-21.26 -1.56 43.59	-22.52 -1.66 45.08	-21.67 -1.64 44.01	-21.40 -2.09 51.91	-21.24 -1.73 50.31	16.51 -1.71 19.03	37.00 -1.51 0.00	45.75 -1.61 0.00	38.18 -0.97 0.00	39.52 -0.80 0.00	34.77 -0.81 0.00	43.68 -1.21 0.00	52.93 -1.79 0.00	47.61 -1.54 0.00	38.76 -0.91 0.00	38.02 -0.54 0.00	37.83 -0.58 0.00	38.47 -0.51 0.00	36.71 0.04 0.00	35.70 0.30 0.00	37.73 0.51 0.00	36.56 0.50 0.00
FAR ROCKAWAY___4 23548	25.35 1.60 0.00	28.51 1.70 0.00	25.28 1.40 0.00	25.61 1.40 0.00	25.30 1.31 0.00	34.38 1.79 0.00	32.62 1.82 0.00	39.24 1.98 0.00	40.37 1.86 0.00	49.59 2.23 0.00	41.22 2.07 0.00	42.86 2.55 0.00	38.08 2.49 0.00	47.62 2.73 0.00	58.04 3.31 0.00	52.45 3.30 0.00	42.40 2.74 0.00	41.24 2.68 0.00	41.29 2.88 0.00	41.93 2.95 0.00	39.31 2.64 0.00	37.81 2.41 0.00	39.48 2.26 0.00	38.31 2.26 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.90 1.15 0.00	28.02 1.20 0.00	24.89 1.01 0.00	25.21 0.99 0.00	24.93 0.95 0.00	33.90 1.31 0.00	32.17 1.37 0.00	38.92 1.66 0.00	40.00 1.49 0.00	49.25 1.89 0.00	40.93 1.77 0.00	42.36 2.04 0.00	37.59 2.01 0.00	46.94 2.05 0.00	57.29 2.57 0.00	51.85 2.71 0.00	41.86 2.20 0.00	40.67 2.10 0.00	40.76 2.35 0.00	41.40 2.42 0.00	38.73 2.06 0.00	37.17 1.77 0.00	38.87 1.65 0.00	37.61 1.56 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.90 1.15 0.00	28.02 1.20 0.00	24.90 1.02 0.00	25.22 1.00 0.00	24.94 0.95 0.00	33.91 1.32 0.00	32.18 1.38 0.00	38.92 1.67 0.00	40.00 1.50 0.00	49.25 1.89 0.00	40.93 1.77 0.00	42.36 2.05 0.00	37.59 2.01 0.00	46.94 2.05 0.00	57.30 2.57 0.00	51.89 2.74 0.00	41.89 2.22 0.00	40.70 2.13 0.00	40.79 2.38 0.00	41.40 2.42 0.00	38.75 2.07 0.00	37.19 1.79 0.00	38.89 1.67 0.00	37.64 1.59 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.89 1.14 0.00	28.01 1.19 0.00	24.88 1.00 0.00	25.20 0.99 0.00	24.93 0.94 0.00	33.89 1.29 0.00	32.15 1.35 0.00	38.89 1.63 0.00	39.98 1.47 0.00	49.22 1.87 0.00	40.92 1.77 0.00	42.35 2.03 0.00	37.58 2.00 0.00	46.92 2.03 0.00	57.27 2.54 0.00	51.85 2.71 0.00	41.86 2.20 0.00	40.67 2.10 0.00	40.76 2.35 0.00	41.38 2.40 0.00	38.72 2.04 0.00	37.15 1.76 0.00	38.85 1.63 0.00	37.60 1.55 0.00
FARRAGUT___LBMP 323566	24.87 1.12 0.00	27.99 1.17 0.00	24.87 0.98 0.00	25.19 0.97 0.00	24.91 0.92 0.00	33.86 1.27 0.00	32.13 1.33 0.00	38.86 1.60 0.00	39.94 1.43 0.00	49.16 1.81 0.00	40.87 1.72 0.00	42.29 1.97 0.00	37.54 1.96 0.00	46.86 1.97 0.00	57.20 2.48 0.00	51.79 2.65 0.00	41.81 2.14 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.34 2.36 0.00	38.68 2.00 0.00	37.12 1.72 0.00	38.82 1.60 0.00	37.57 1.51 0.00
FENNER___WINDPWR 24204	24.03 0.28 0.00	27.11 0.29 0.00	24.13 0.25 0.00	24.51 0.29 0.00	24.38 0.39 0.00	33.35 0.76 0.00	31.60 0.80 0.00	38.28 1.02 0.00	39.47 0.96 0.00	48.69 1.33 0.00	40.15 0.99 0.00	41.36 1.04 0.00	36.42 0.84 0.00	45.85 0.96 0.00	55.90 1.17 0.00	50.28 1.14 0.00	40.70 1.03 0.00	39.56 1.00 0.00	39.65 1.23 0.00	40.20 1.23 0.00	37.73 1.05 0.00	36.22 0.82 0.00	38.03 0.81 0.00	36.82 0.77 0.00
FIBERTEK___ENERGY 23856	23.84 0.09 0.00	26.94 0.12 0.00	23.97 0.08 0.00	24.34 0.13 0.00	24.13 0.14 0.00	32.89 0.29 0.00	31.03 0.23 0.00	37.56 0.30 0.00	38.66 0.15 0.00	47.65 0.29 0.00	39.30 0.15 0.00	40.52 0.20 0.00	35.71 0.12 0.00	44.88 -0.01 0.00	54.78 0.05 0.00	49.21 0.06 0.00	39.81 0.14 0.00	38.67 0.10 0.00	38.75 0.34 0.00	39.26 0.28 0.00	36.86 0.18 0.00	35.43 0.03 0.00	37.31 0.09 0.00	36.17 0.12 0.00
FITZPATRICK____ 23598	23.34 -0.41 0.00	26.37 -0.45 0.00	23.48 -0.40 0.00	23.83 -0.39 0.00	23.60 -0.39 0.00	32.11 -0.48 0.00	30.31 -0.49 0.00	36.65 -0.61 0.00	37.77 -0.74 0.00	46.50 -0.85 0.00	38.39 -0.77 0.00	39.54 -0.78 0.00	34.89 -0.69 0.00	43.91 -0.98 0.00	53.56 -1.16 0.00	48.13 -1.01 0.00	38.90 -0.77 0.00	37.80 -0.77 0.00	37.78 -0.63 0.00	38.29 -0.69 0.00	35.97 -0.71 0.00	34.63 -0.76 0.00	36.47 -0.75 0.00	35.36 -0.69 0.00
FLOWRFLD_69_KV_BK1 356044	25.03 1.28 0.00	28.12 1.30 0.00	24.90 1.02 0.00	25.19 0.97 0.00	24.87 0.88 0.00	33.72 1.13 0.00	32.15 1.35 0.00	38.61 1.35 0.00	39.71 1.20 0.00	48.59 1.24 0.00	40.40 1.25 0.00	42.19 1.87 0.00	37.57 1.99 0.00	46.95 2.06 0.00	57.21 2.48 0.00	51.68 2.54 0.00	41.77 2.11 0.00	40.63 2.06 0.00	40.48 2.08 0.00	41.10 2.12 0.00	38.57 1.89 0.00	37.09 1.70 0.00	38.55 1.33 0.00	37.68 1.62 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.86 1.11 0.00	27.99 1.17 0.00	24.88 1.00 0.00	25.20 0.99 0.00	24.94 0.95 0.00	33.88 1.29 0.00	32.10 1.30 0.00	38.85 1.59 0.00	40.00 1.49 0.00	49.21 1.86 0.00	40.89 1.73 0.00	42.27 1.96 0.00	37.48 1.90 0.00	46.87 1.98 0.00	57.18 2.46 0.00	51.69 2.55 0.00	41.74 2.07 0.00	40.52 1.95 0.00	40.62 2.21 0.00	41.27 2.29 0.00	38.64 1.96 0.00	37.04 1.64 0.00	38.70 1.48 0.00	37.41 1.35 0.00
FORT ORANGE____ 23900	24.23 0.48 0.00	27.30 0.48 0.00	24.31 0.43 0.00	24.58 0.36 0.00	24.36 0.37 0.00	32.93 0.34 0.00	31.07 0.27 0.00	37.43 0.17 0.00	38.91 0.40 0.00	48.02 0.67 0.00	39.66 0.50 0.00	40.72 0.41 0.00	36.02 0.44 0.00	45.26 0.37 0.00	55.16 0.44 0.00	49.83 0.68 0.00	40.06 0.40 0.00	38.84 0.27 0.00	38.83 0.42 0.00	39.45 0.47 0.00	37.10 0.42 0.00	35.65 0.25 0.00	37.32 0.10 0.00	36.34 0.29 0.00
FORT_DRUM_COGEN 23780	25.30 -0.08 -1.63	28.33 -0.23 -1.74	25.36 -0.15 -1.63	25.91 0.01 -1.69	25.90 0.27 -1.65	35.78 1.24 -1.94	33.92 1.24 -1.88	39.57 1.60 -0.71	40.32 1.81 0.00	49.72 2.36 0.00	40.81 1.65 0.00	41.29 0.98 0.00	36.07 0.49 0.00	45.18 0.29 0.00	54.97 0.24 0.00	49.31 0.16 0.00	40.12 0.46 0.00	39.71 1.14 0.00	40.34 1.93 0.00	41.29 2.31 0.00	38.50 1.83 0.00	36.81 1.41 0.00	38.49 1.28 0.00	37.27 1.22 0.00
FOX_HILLS___ESR 323835	24.95 1.20 0.00	28.08 1.26 0.00	24.97 1.09 0.00	25.27 1.06 0.00	25.00 1.02 0.00	33.99 1.40 0.00	32.22 1.42 0.00	38.87 1.61 0.00	38.66 1.32 1.17	49.03 1.67 0.00	40.75 1.59 0.00	42.16 1.85 0.00	37.52 1.93 0.00	46.64 1.76 0.00	56.99 2.27 0.00	51.62 2.47 0.00	41.65 1.98 0.00	40.47 1.90 0.00	40.56 2.15 0.00	41.22 2.23 0.00	38.64 1.96 0.00	37.14 1.74 0.00	38.87 1.65 0.00	37.54 1.49 0.00
FPL FAR_ROCK_GT1 24212	25.35 1.60 0.00	28.52 1.70 0.00	25.28 1.40 0.00	25.61 1.39 0.00	25.30 1.31 0.00	34.38 1.79 0.00	32.62 1.82 0.00	39.24 1.98 0.00	40.37 1.86 0.00	49.59 2.23 0.00	41.22 2.07 0.00	42.87 2.55 0.00	38.07 2.49 0.00	47.62 2.73 0.00	58.04 3.31 0.00	52.45 3.30 0.00	42.40 2.74 0.00	41.24 2.67 0.00	41.30 2.89 0.00	41.94 2.96 0.00	39.31 2.64 0.00	37.81 2.41 0.00	39.49 2.27 0.00	38.31 2.26 0.00

FPL FAR_ROCK_GT2 23815	25.35 1.60 0.00	28.52 1.70 0.00	25.28 1.40 0.00	25.61 1.39 0.00	25.30 1.31 0.00	34.38 1.79 0.00	32.62 1.82 0.00	39.24 1.98 0.00	40.37 1.86 0.00	49.59 2.23 0.00	41.22 2.07 0.00	42.87 2.55 0.00	38.07 2.49 0.00	47.62 2.73 0.00	58.04 3.31 0.00	52.45 3.30 0.00	42.40 2.74 0.00	41.24 2.67 0.00	41.30 2.89 0.00	41.94 2.96 0.00	39.31 2.64 0.00	37.81 2.41 0.00	39.49 2.27 0.00	38.31 2.26 0.00
FRANKLIN_FALL_HYD 24054	48.65 -0.92 -25.83	53.45 -0.96 -27.59	48.97 -0.85 -25.94	50.21 -0.84 -26.83	49.34 -0.84 -26.19	62.45 -1.03 -30.89	59.89 -0.85 -29.94	47.79 -0.80 -11.33	37.84 -0.67 0.00	46.61 -0.74 0.00	38.73 -0.42 0.00	39.88 -0.44 0.00	34.99 -0.59 0.00	44.16 -0.73 0.00	53.53 -1.19 0.00	48.08 -1.07 0.00	39.04 -0.63 0.00	38.39 -0.17 0.00	38.11 -0.30 0.00	38.82 -0.15 0.00	36.81 0.14 0.00	35.81 0.41 0.00	37.87 0.65 0.00	36.65 0.60 0.00
FREEPORT_EQUS_GT1 23764	25.15 1.41 0.00	28.29 1.47 0.00	25.07 1.19 0.00	25.40 1.18 0.00	25.08 1.09 0.00	34.05 1.46 0.00	32.32 1.52 0.00	38.86 1.60 0.00	40.01 1.50 0.00	49.07 1.72 0.00	40.79 1.64 0.00	42.45 2.14 0.00	37.73 2.14 0.00	47.18 2.29 0.00	57.44 2.72 0.00	51.75 2.60 0.00	41.88 2.21 0.00	40.73 2.17 0.00	40.78 2.36 0.00	41.39 2.40 0.00	38.81 2.14 0.00	37.45 2.05 0.00	39.08 1.86 0.00	37.98 1.93 0.00
FREEPORT___CT2 23818	25.15 1.41 0.00	28.29 1.47 0.00	25.07 1.19 0.00	25.40 1.18 0.00	25.08 1.09 0.00	34.05 1.46 0.00	32.32 1.52 0.00	38.86 1.60 0.00	40.01 1.50 0.00	49.07 1.72 0.00	40.79 1.64 0.00	42.45 2.14 0.00	37.73 2.14 0.00	47.18 2.29 0.00	57.44 2.72 0.00	51.75 2.60 0.00	41.88 2.21 0.00	40.73 2.17 0.00	40.78 2.36 0.00	41.39 2.40 0.00	38.81 2.14 0.00	37.45 2.05 0.00	39.08 1.86 0.00	37.98 1.93 0.00
FRESHKLS_33_KV_LOAD 356253	24.96 1.21 0.00	28.11 1.29 0.00	24.98 1.10 0.00	25.29 1.08 0.00	25.03 1.04 0.00	34.02 1.43 0.00	32.24 1.44 0.00	38.86 1.60 0.00	38.65 1.31 1.17	49.02 1.66 0.00	40.73 1.58 0.00	42.16 1.84 0.00	37.54 1.96 0.00	46.66 1.77 0.00	57.04 2.31 0.00	51.66 2.51 0.00	41.68 2.01 0.00	40.47 1.91 0.00	40.59 2.18 0.00	41.24 2.26 0.00	38.67 1.99 0.00	37.17 1.77 0.00	38.89 1.67 0.00	37.54 1.49 0.00
FULTON COGEN____ 23766	24.01 0.26 0.00	27.10 0.29 0.00	24.11 0.23 0.00	24.49 0.28 0.00	24.30 0.31 0.00	33.19 0.59 0.00	31.25 0.45 0.00	37.79 0.53 0.00	38.92 0.41 0.00	47.96 0.60 0.00	39.54 0.39 0.00	40.69 0.37 0.00	35.83 0.24 0.00	44.98 0.09 0.00	54.79 0.06 0.00	49.17 0.02 0.00	39.75 0.09 0.00	38.74 0.17 0.00	38.95 0.54 0.00	39.55 0.57 0.00	37.09 0.42 0.00	35.64 0.24 0.00	37.63 0.42 0.00	36.51 0.46 0.00
FULTON___LFGE 323630	25.03 1.28 0.00	28.24 1.43 0.00	25.15 1.27 0.00	25.51 1.29 0.00	25.29 1.31 0.00	34.52 1.93 0.00	32.80 2.00 0.00	39.82 2.56 0.00	41.02 2.51 0.00	50.45 3.10 0.00	41.60 2.44 0.00	42.88 2.56 0.00	37.63 2.05 0.00	47.30 2.41 0.00	57.49 2.76 0.00	51.93 2.78 0.00	42.27 2.61 0.00	41.09 2.53 0.00	41.09 2.68 0.00	41.68 2.70 0.00	39.11 2.43 0.00	37.55 2.15 0.00	39.40 2.18 0.00	38.10 2.05 0.00
G.F.CEMENT___DRP 24184	25.38 1.63 0.00	28.64 1.82 0.00	25.43 1.55 0.00	25.67 1.46 0.00	25.47 1.49 0.00	34.55 1.96 0.00	32.69 1.90 0.00	39.50 2.24 0.00	40.86 2.35 0.00	50.44 3.09 0.00	41.80 2.64 0.00	43.05 2.74 0.00	38.01 2.43 0.00	47.83 2.94 0.00	58.38 3.66 0.00	52.87 3.73 0.00	42.60 2.93 0.00	41.37 2.81 0.00	41.40 2.99 0.00	41.96 2.98 0.00	39.43 2.75 0.00	37.71 2.31 0.00	39.21 1.99 0.00	37.85 1.80 0.00
GARDENVILLE___LBMP 24039	23.97 0.22 0.00	27.61 0.79 0.00	24.33 0.45 0.00	24.93 0.71 0.00	24.62 0.63 0.00	33.93 1.34 0.00	31.37 0.57 0.00	37.62 0.36 0.00	38.05 -0.47 0.00	47.19 -0.17 0.00	38.48 -0.68 0.00	39.58 -0.73 0.00	34.69 -0.89 0.00	43.71 -1.18 0.00	53.55 -1.17 0.00	47.91 -1.24 0.00	38.85 -0.81 0.00	37.52 -1.04 0.00	37.71 -0.70 0.00	37.93 -1.05 0.00	35.61 -1.07 0.00	34.17 -1.23 0.00	36.72 -0.50 0.00	36.14 0.09 0.00
GARDNVLA_35_KV_LD 355827	24.08 0.33 0.00	27.74 0.92 0.00	24.43 0.55 0.00	25.04 0.82 0.00	24.72 0.73 0.00	34.06 1.47 0.00	31.49 0.69 0.00	37.76 0.50 0.00	38.18 -0.33 0.00	47.36 0.01 0.00	38.62 -0.53 0.00	39.71 -0.60 0.00	34.83 -0.75 0.00	43.90 -0.99 0.00	53.80 -0.92 0.00	48.16 -0.99 0.00	39.06 -0.61 0.00	37.73 -0.84 0.00	37.90 -0.51 0.00	38.11 -0.88 0.00	35.78 -0.90 0.00	34.32 -1.08 0.00	36.88 -0.34 0.00	36.28 0.23 0.00
GELCKHM___115KV_LOAD 80723	23.72 -0.03 0.00	26.79 -0.03 0.00	23.84 -0.04 0.00	24.21 -0.01 0.00	23.99 0.00 0.00	32.68 0.09 0.00	30.85 0.05 0.00	37.32 0.06 0.00	38.43 -0.09 0.00	47.34 -0.02 0.00	39.07 -0.09 0.00	40.27 -0.04 0.00	35.51 -0.08 0.00	44.63 -0.25 0.00	54.48 -0.25 0.00	48.94 -0.21 0.00	39.57 -0.09 0.00	38.44 -0.12 0.00	38.50 0.09 0.00	39.01 0.03 0.00	36.62 -0.06 0.00	35.21 -0.19 0.00	37.09 -0.14 0.00	35.95 -0.11 0.00
GENERAL___MILLS 23808	24.04 0.29 0.00	27.69 0.87 0.00	24.40 0.52 0.00	25.00 0.78 0.00	24.68 0.69 0.00	34.02 1.43 0.00	31.44 0.64 0.00	37.70 0.44 0.00	38.12 -0.39 0.00	47.29 -0.07 0.00	38.56 -0.59 0.00	39.66 -0.65 0.00	34.77 -0.81 0.00	43.81 -1.08 0.00	53.69 -1.03 0.00	48.04 -1.10 0.00	38.97 -0.69 0.00	37.64 -0.93 0.00	37.82 -0.59 0.00	38.03 -0.95 0.00	35.71 -0.97 0.00	34.25 -1.15 0.00	36.82 -0.40 0.00	36.22 0.17 0.00
GE_PLASTICS___DRP 24183	24.18 0.43 0.00	27.24 0.42 0.00	24.27 0.39 0.00	24.54 0.32 0.00	24.33 0.35 0.00	32.91 0.32 0.00	31.11 0.31 0.00	37.58 0.32 0.00	39.01 0.50 0.00	48.12 0.77 0.00	39.74 0.59 0.00	40.86 0.54 0.00	36.13 0.55 0.00	45.41 0.51 0.00	55.33 0.60 0.00	49.96 0.82 0.00	40.19 0.52 0.00	39.00 0.43 0.00	38.98 0.57 0.00	39.59 0.61 0.00	37.24 0.56 0.00	35.78 0.38 0.00	37.47 0.25 0.00	36.29 0.24 0.00
GILBOA___1 23756	24.19 0.44 0.00	27.27 0.45 0.00	24.36 0.47 0.00	24.68 0.46 0.00	24.43 0.44 0.00	33.02 0.43 0.00	31.22 0.42 0.00	37.75 0.49 0.00	38.95 0.44 0.00	47.91 0.56 0.00	39.67 0.52 0.00	40.93 0.62 0.00	36.21 0.62 0.00	45.48 0.59 0.00	55.38 0.65 0.00	49.91 0.77 0.00	40.25 0.58 0.00	38.96 0.39 0.00	38.99 0.58 0.00	39.55 0.57 0.00	37.28 0.60 0.00	35.89 0.49 0.00	37.60 0.38 0.00	36.41 0.36 0.00
GILBOA___2 23757	24.19 0.44 0.00	27.27 0.45 0.00	24.36 0.47 0.00	24.68 0.46 0.00	24.43 0.44 0.00	33.02 0.43 0.00	31.22 0.42 0.00	37.75 0.49 0.00	38.95 0.44 0.00	47.91 0.56 0.00	39.67 0.52 0.00	40.93 0.62 0.00	36.21 0.62 0.00	45.48 0.59 0.00	55.38 0.65 0.00	49.91 0.77 0.00	40.25 0.58 0.00	38.96 0.39 0.00	38.99 0.58 0.00	39.55 0.57 0.00	37.28 0.60 0.00	35.89 0.49 0.00	37.60 0.38 0.00	36.41 0.36 0.00

GILBOA___3 23758	24.19 0.44 0.00	27.27 0.45 0.00	24.36 0.47 0.00	24.68 0.46 0.00	24.43 0.44 0.00	33.02 0.43 0.00	31.22 0.42 0.00	37.75 0.49 0.00	38.95 0.44 0.00	47.91 0.56 0.00	39.67 0.52 0.00	40.93 0.62 0.00	36.21 0.62 0.00	45.48 0.59 0.00	55.38 0.65 0.00	49.91 0.77 0.00	40.25 0.58 0.00	38.96 0.39 0.00	38.99 0.58 0.00	39.55 0.57 0.00	37.28 0.60 0.00	35.89 0.49 0.00	37.60 0.38 0.00	36.41 0.36 0.00
GILBOA___4 23759	24.19 0.44 0.00	27.27 0.45 0.00	24.36 0.47 0.00	24.68 0.46 0.00	24.43 0.44 0.00	33.02 0.43 0.00	31.22 0.42 0.00	37.75 0.49 0.00	38.95 0.44 0.00	47.91 0.56 0.00	39.67 0.52 0.00	40.93 0.62 0.00	36.21 0.62 0.00	45.48 0.59 0.00	55.38 0.65 0.00	49.91 0.77 0.00	40.25 0.58 0.00	38.96 0.39 0.00	38.99 0.58 0.00	39.55 0.57 0.00	37.28 0.60 0.00	35.89 0.49 0.00	37.60 0.38 0.00	36.41 0.36 0.00
GILBOA___ 23599	24.19 0.44 0.00	27.27 0.45 0.00	24.36 0.47 0.00	24.68 0.46 0.00	24.43 0.44 0.00	33.02 0.43 0.00	31.22 0.42 0.00	37.75 0.50 0.00	38.95 0.44 0.00	47.91 0.56 0.00	39.67 0.52 0.00	40.93 0.62 0.00	36.21 0.63 0.00	45.48 0.59 0.00	55.38 0.65 0.00	49.91 0.77 0.00	40.25 0.58 0.00	38.96 0.39 0.00	38.98 0.57 0.00	39.54 0.57 0.00	37.28 0.60 0.00	35.89 0.49 0.00	37.60 0.38 0.00	36.41 0.36 0.00
GINNA___ 23603	22.97 -0.78 0.00	26.24 -0.58 0.00	23.24 -0.65 0.00	23.68 -0.54 0.00	23.43 -0.56 0.00	32.17 -0.42 0.00	30.03 -0.77 0.00	36.08 -1.18 0.00	36.82 -1.69 0.00	45.57 -1.79 0.00	37.33 -1.82 0.00	38.34 -1.97 0.00	33.62 -1.97 0.00	42.32 -2.57 0.00	51.81 -2.91 0.00	46.53 -2.62 0.00	37.76 -1.91 0.00	36.64 -1.92 0.00	36.75 -1.67 0.00	37.08 -1.89 0.00	34.90 -1.78 0.00	33.51 -1.89 0.00	35.52 -1.70 0.00	34.63 -1.43 0.00
GLEN PARK___ 23778	25.38 0.09 -1.55	28.42 -0.05 -1.65	25.45 0.01 -1.56	25.99 0.17 -1.61	25.98 0.42 -1.57	35.89 1.45 -1.85	34.05 1.45 -1.79	39.80 1.86 -0.68	40.58 2.07 0.00	50.05 2.70 0.00	41.06 1.90 0.00	41.42 1.11 0.00	36.14 0.56 0.00	45.24 0.35 0.00	55.04 0.31 0.00	49.37 0.22 0.00	40.21 0.55 0.00	39.89 1.33 0.00	40.62 2.21 0.00	41.60 2.62 0.00	38.79 2.11 0.00	37.07 1.67 0.00	38.75 1.53 0.00	37.50 1.44 0.00
GLENDALE_27_KV_LOAD 356172	24.99 1.24 0.00	28.09 1.28 0.00	24.98 1.09 0.00	25.29 1.07 0.00	25.01 1.02 0.00	34.00 1.40 0.00	32.26 1.46 0.00	39.03 1.77 0.00	40.13 1.62 0.00	49.41 2.05 0.00	41.06 1.91 0.00	42.48 2.16 0.00	37.72 2.13 0.00	47.04 2.16 0.00	57.42 2.70 0.00	51.98 2.84 0.00	41.96 2.29 0.00	40.77 2.21 0.00	40.86 2.45 0.00	41.48 2.50 0.00	38.83 2.15 0.00	37.28 1.88 0.00	38.99 1.77 0.00	37.70 1.65 0.00
GLENWOOD_IC_1_G5 23712	25.14 1.39 0.00	28.29 1.47 0.00	25.08 1.19 0.00	25.40 1.18 0.00	25.09 1.10 0.00	34.07 1.48 0.00	32.33 1.53 0.00	38.64 1.39 0.00	39.81 1.30 0.00	48.84 1.49 0.00	40.63 1.47 0.00	42.25 1.94 0.00	37.58 2.00 0.00	47.30 2.41 0.00	57.32 2.59 0.00	51.69 2.54 0.00	42.08 2.42 0.00	40.90 2.34 0.00	40.67 2.26 0.00	41.29 2.31 0.00	38.68 2.00 0.00	37.20 1.80 0.00	38.84 1.63 0.00	37.97 1.92 0.00
GLENWOOD_IC_2_G1 23688	25.09 1.34 0.00	28.23 1.42 0.00	25.03 1.14 0.00	25.36 1.14 0.00	25.04 1.05 0.00	34.01 1.42 0.00	32.28 1.49 0.00	38.79 1.54 0.00	39.94 1.43 0.00	49.01 1.66 0.00	40.76 1.60 0.00	42.37 2.05 0.00	37.65 2.07 0.00	47.16 2.27 0.00	57.38 2.65 0.00	51.82 2.68 0.00	41.98 2.31 0.00	40.81 2.24 0.00	40.77 2.36 0.00	41.39 2.41 0.00	38.77 2.09 0.00	37.30 1.90 0.00	38.94 1.72 0.00	37.87 1.82 0.00
GLENWOOD_IC_3_G1 23689	25.09 1.34 0.00	28.23 1.42 0.00	25.03 1.14 0.00	25.36 1.14 0.00	25.04 1.05 0.00	34.01 1.42 0.00	32.28 1.49 0.00	38.79 1.54 0.00	39.94 1.43 0.00	49.01 1.66 0.00	40.76 1.60 0.00	42.37 2.05 0.00	37.65 2.07 0.00	47.16 2.27 0.00	57.38 2.65 0.00	51.82 2.68 0.00	41.98 2.31 0.00	40.81 2.24 0.00	40.77 2.36 0.00	41.39 2.41 0.00	38.77 2.09 0.00	37.30 1.90 0.00	38.94 1.72 0.00	37.87 1.82 0.00
GLENWOOD___4 23550	25.14 1.39 0.00	28.29 1.47 0.00	25.08 1.19 0.00	25.40 1.18 0.00	25.09 1.10 0.00	34.07 1.48 0.00	32.34 1.54 0.00	38.75 1.49 0.00	39.90 1.39 0.00	48.97 1.61 0.00	40.73 1.57 0.00	42.35 2.03 0.00	37.66 2.08 0.00	47.30 2.41 0.00	57.40 2.68 0.00	51.80 2.66 0.00	42.09 2.42 0.00	40.91 2.35 0.00	40.76 2.35 0.00	41.38 2.40 0.00	38.77 2.09 0.00	37.28 1.88 0.00	38.92 1.70 0.00	37.97 1.92 0.00
GLENWOOD___5 23614	25.14 1.39 0.00	28.29 1.47 0.00	25.08 1.19 0.00	25.40 1.18 0.00	25.09 1.10 0.00	34.07 1.48 0.00	32.34 1.54 0.00	38.75 1.49 0.00	39.90 1.39 0.00	48.97 1.61 0.00	40.73 1.57 0.00	42.35 2.03 0.00	37.66 2.08 0.00	47.30 2.41 0.00	57.40 2.68 0.00	51.80 2.66 0.00	42.09 2.42 0.00	40.91 2.35 0.00	40.76 2.35 0.00	41.38 2.40 0.00	38.77 2.09 0.00	37.28 1.88 0.00	38.92 1.70 0.00	37.97 1.92 0.00
GLOBAL GREEN_PORT_GT1 23814	24.89 1.14 0.00	28.05 1.24 0.00	24.83 0.95 0.00	25.13 0.92 0.00	24.87 0.88 0.00	33.56 0.97 0.00	31.99 1.19 0.00	38.37 1.10 0.00	39.19 0.68 0.00	47.71 0.36 0.00	39.51 0.35 0.00	41.27 0.95 0.00	36.94 1.36 0.00	46.37 1.48 0.00	56.19 1.46 0.00	50.98 1.84 0.00	40.68 1.01 0.00	39.61 1.04 0.00	39.57 1.15 0.00	40.25 1.27 0.00	37.62 0.94 0.00	36.09 0.69 0.00	37.44 0.22 0.00	36.41 0.36 0.00
GLOBE___DSASP 323697	23.33 -0.42 0.00	26.90 0.08 0.00	23.74 -0.14 0.00	24.27 0.06 0.00	23.98 -0.01 0.00	33.02 0.43 0.00	30.35 -0.45 0.00	36.08 -1.18 0.00	36.47 -2.04 0.00	45.22 -2.14 0.00	36.86 -2.29 0.00	37.83 -2.48 0.00	33.22 -2.37 0.00	41.86 -3.03 0.00	51.30 -3.43 0.00	45.89 -3.26 0.00	37.24 -2.43 0.00	35.99 -2.58 0.00	36.13 -2.28 0.00	36.33 -2.65 0.00	34.16 -2.52 0.00	32.92 -2.48 0.00	35.64 -1.58 0.00	35.24 -0.81 0.00
GOETHSLN___LBMP 323567	24.77 1.02 0.00	27.88 1.06 0.00	24.77 0.89 0.00	25.09 0.87 0.00	24.81 0.82 0.00	33.75 1.16 0.00	32.01 1.22 0.00	38.73 1.48 0.00	39.76 1.25 0.00	48.93 1.57 0.00	40.66 1.51 0.00	42.09 1.77 0.00	37.35 1.77 0.00	46.60 1.71 0.00	56.90 2.18 0.00	51.51 2.37 0.00	41.58 1.92 0.00	40.40 1.83 0.00	40.53 2.12 0.00	41.16 2.18 0.00	38.50 1.82 0.00	36.94 1.54 0.00	38.64 1.42 0.00	37.41 1.35 0.00
GOLAH___69_KV_TB 1_2 80279	24.11 0.36 0.00	27.64 0.83 0.00	24.48 0.60 0.00	24.94 0.73 0.00	24.67 0.68 0.00	34.01 1.42 0.00	31.63 0.83 0.00	37.87 0.60 0.00	38.49 -0.02 0.00	47.65 0.29 0.00	38.95 -0.20 0.00	40.02 -0.30 0.00	35.02 -0.57 0.00	44.00 -0.89 0.00	53.84 -0.88 0.00	48.41 -0.73 0.00	39.29 -0.38 0.00	38.09 -0.48 0.00	38.30 -0.10 0.00	38.66 -0.32 0.00	36.35 -0.33 0.00	34.90 -0.51 0.00	37.15 -0.07 0.00	36.31 0.26 0.00

GOODYEAR_LAKE_HYD 323669	24.44 0.69 0.00	27.54 0.72 0.00	24.56 0.68 0.00	24.96 0.74 0.00	24.70 0.71 0.00	33.70 1.11 0.00	31.92 1.12 0.00	38.71 1.45 0.00	39.85 1.34 0.00	49.04 1.69 0.00	40.55 1.39 0.00	41.91 1.59 0.00	36.96 1.38 0.00	46.44 1.55 0.00	56.63 1.90 0.00	50.93 1.79 0.00	41.28 1.61 0.00	40.10 1.54 0.00	40.17 1.76 0.00	40.69 1.71 0.00	38.18 1.51 0.00	36.65 1.25 0.00	38.48 1.26 0.00	37.29 1.24 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.99 0.24 0.00	27.22 0.40 0.00	24.15 0.27 0.00	24.61 0.40 0.00	24.32 0.33 0.00	33.24 0.65 0.00	31.28 0.48 0.00	38.01 0.75 0.00	38.94 0.43 0.00	48.05 0.70 0.00	39.53 0.37 0.00	40.89 0.57 0.00	35.99 0.41 0.00	45.29 0.40 0.00	55.39 0.67 0.00	49.69 0.55 0.00	40.19 0.53 0.00	38.89 0.33 0.00	39.16 0.74 0.00	39.58 0.60 0.00	37.18 0.51 0.00	35.67 0.28 0.00	37.55 0.33 0.00	36.45 0.40 0.00
GOUDEY___7 23579	23.99 0.24 0.00	27.22 0.40 0.00	24.15 0.27 0.00	24.61 0.40 0.00	24.32 0.33 0.00	33.24 0.65 0.00	31.28 0.48 0.00	38.01 0.75 0.00	38.94 0.43 0.00	48.05 0.70 0.00	39.53 0.37 0.00	40.89 0.57 0.00	35.99 0.41 0.00	45.29 0.40 0.00	55.39 0.67 0.00	49.69 0.55 0.00	40.19 0.53 0.00	38.89 0.33 0.00	39.16 0.74 0.00	39.58 0.60 0.00	37.18 0.51 0.00	35.67 0.28 0.00	37.55 0.33 0.00	36.45 0.40 0.00
GOUDEY___8 23580	23.99 0.24 0.00	27.22 0.40 0.00	24.15 0.27 0.00	24.61 0.40 0.00	24.32 0.33 0.00	33.24 0.65 0.00	31.28 0.48 0.00	38.01 0.75 0.00	38.94 0.43 0.00	48.05 0.70 0.00	39.53 0.37 0.00	40.89 0.57 0.00	35.99 0.41 0.00	45.29 0.40 0.00	55.39 0.67 0.00	49.69 0.55 0.00	40.19 0.53 0.00	38.89 0.33 0.00	39.16 0.74 0.00	39.58 0.60 0.00	37.18 0.51 0.00	35.67 0.28 0.00	37.55 0.33 0.00	36.45 0.40 0.00
GOWANUS_GT1_1 24077	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT1_2 24078	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT1_3 24079	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT1_4 24080	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT1_5 24084	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT1_6 24111	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT1_7 24112	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT1_8 24113	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT2_1 24114	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT2_2 24115	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT2_3 24116	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00

GOWANUS_GT2_4 24117	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT2_5 24118	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT2_6 24119	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT2_7 24120	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT2_8 24121	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT3_1 24122	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT3_2 24123	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT3_3 24124	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT3_4 24125	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT3_5 24126	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT3_6 24127	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT3_7 24128	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT3_8 24129	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT4_1 24130	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT4_2 24131	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00

GOWANUS_GT4_3 24132	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT4_4 24133	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT4_5 24134	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT4_6 24135	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT4_7 24136	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GOWANUS_GT4_8 24137	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GREENBSH_115KV_TB3 55895	24.10 0.35 0.00	27.15 0.33 0.00	24.18 0.30 0.00	24.44 0.22 0.00	24.24 0.25 0.00	32.77 0.18 0.00	30.98 0.18 0.00	37.40 0.14 0.00	38.88 0.37 0.00	47.99 0.64 0.00	39.62 0.46 0.00	40.70 0.39 0.00	36.01 0.43 0.00	45.24 0.35 0.00	55.12 0.40 0.00	49.80 0.65 0.00	40.04 0.37 0.00	38.84 0.28 0.00	38.82 0.41 0.00	39.45 0.47 0.00	37.11 0.43 0.00	35.64 0.24 0.00	37.31 0.09 0.00	36.14 0.09 0.00
GREENDGE_115KV_TB5 80291	24.00 0.25 0.00	27.33 0.51 0.00	24.20 0.32 0.00	24.76 0.54 0.00	24.51 0.51 0.00	33.58 0.99 0.00	31.58 0.78 0.00	38.16 0.89 0.00	39.03 0.52 0.00	48.25 0.89 0.00	39.57 0.41 0.00	40.83 0.52 0.00	35.90 0.32 0.00	44.94 0.05 0.00	55.03 0.30 0.00	49.52 0.37 0.00	40.17 0.50 0.00	38.91 0.34 0.00	39.18 0.77 0.00	39.58 0.60 0.00	37.17 0.50 0.00	35.60 0.20 0.00	37.56 0.34 0.00	36.68 0.63 0.00
GREENIDGE___3 23582	24.00 0.25 0.00	27.33 0.51 0.00	24.20 0.32 0.00	24.76 0.54 0.00	24.51 0.51 0.00	33.58 0.99 0.00	31.58 0.78 0.00	38.16 0.89 0.00	39.03 0.52 0.00	48.25 0.89 0.00	39.57 0.41 0.00	40.83 0.52 0.00	35.90 0.32 0.00	44.94 0.05 0.00	55.03 0.30 0.00	49.52 0.37 0.00	40.17 0.50 0.00	38.91 0.34 0.00	39.18 0.77 0.00	39.58 0.60 0.00	37.17 0.50 0.00	35.60 0.20 0.00	37.56 0.34 0.00	36.68 0.63 0.00
GREENIDGE___4 23583	24.00 0.25 0.00	27.33 0.51 0.00	24.20 0.32 0.00	24.76 0.54 0.00	24.51 0.52 0.00	33.58 0.98 0.00	31.58 0.78 0.00	38.16 0.89 0.00	39.03 0.52 0.00	48.24 0.89 0.00	39.57 0.41 0.00	40.83 0.52 0.00	35.90 0.32 0.00	44.94 0.05 0.00	55.02 0.29 0.00	49.52 0.37 0.00	40.18 0.51 0.00	38.91 0.34 0.00	39.17 0.76 0.00	39.57 0.59 0.00	37.17 0.50 0.00	35.59 0.20 0.00	37.55 0.33 0.00	36.68 0.63 0.00
GREENLWN_69_KV_BK 3 55738	24.97 1.22 0.00	28.08 1.26 0.00	24.86 0.98 0.00	25.17 0.95 0.00	24.84 0.86 0.00	33.66 1.07 0.00	32.00 1.20 0.00	38.43 1.17 0.00	39.52 1.01 0.00	48.38 1.02 0.00	40.23 1.08 0.00	41.93 1.62 0.00	37.35 1.77 0.00	46.62 1.73 0.00	56.79 2.06 0.00	51.31 2.17 0.00	41.49 1.83 0.00	40.34 1.78 0.00	40.35 1.94 0.00	40.94 1.96 0.00	38.44 1.77 0.00	37.03 1.63 0.00	38.54 1.32 0.00	37.52 1.47 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00
GRISSOM___SOLAR 323813	25.00 1.25 0.00	28.21 1.39 0.00	25.11 1.23 0.00	25.46 1.24 0.00	25.24 1.26 0.00	34.41 1.82 0.00	32.68 1.88 0.00	39.67 2.41 0.00	40.87 2.36 0.00	50.28 2.92 0.00	41.48 2.33 0.00	42.74 2.42 0.00	37.51 1.93 0.00	47.13 2.24 0.00	57.29 2.57 0.00	51.82 2.68 0.00	42.15 2.48 0.00	40.96 2.40 0.00	40.96 2.55 0.00	41.56 2.58 0.00	39.00 2.33 0.00	37.45 2.05 0.00	39.27 2.05 0.00	37.97 1.92 0.00
GROVEVILLE___HYD 323602	24.86 1.11 0.00	27.99 1.17 0.00	24.88 1.00 0.00	25.20 0.99 0.00	24.94 0.95 0.00	33.88 1.29 0.00	32.10 1.30 0.00	38.85 1.59 0.00	40.00 1.49 0.00	49.21 1.86 0.00	40.89 1.73 0.00	42.27 1.96 0.00	37.48 1.90 0.00	46.87 1.98 0.00	57.18 2.46 0.00	51.69 2.55 0.00	41.74 2.07 0.00	40.52 1.95 0.00	40.62 2.21 0.00	41.27 2.29 0.00	38.64 1.96 0.00	37.04 1.64 0.00	38.70 1.48 0.00	37.41 1.35 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.84 0.09 0.00	26.94 0.12 0.00	23.97 0.08 0.00	24.34 0.13 0.00	24.13 0.14 0.00	32.89 0.29 0.00	31.03 0.23 0.00	37.56 0.30 0.00	38.66 0.15 0.00	47.65 0.29 0.00	39.30 0.15 0.00	40.52 0.20 0.00	35.71 0.12 0.00	44.88 -0.01 0.00	54.78 0.05 0.00	49.21 0.06 0.00	39.81 0.14 0.00	38.67 0.10 0.00	38.75 0.34 0.00	39.26 0.28 0.00	36.86 0.18 0.00	35.43 0.03 0.00	37.31 0.09 0.00	36.17 0.12 0.00

HAMLTNNY_34_KV_TB 80303	23.87 0.12 0.00	26.99 0.18 0.00	24.00 0.12 0.00	24.40 0.18 0.00	24.17 0.18 0.00	32.95 0.36 0.00	31.07 0.27 0.00	37.62 0.35 0.00	38.69 0.18 0.00	47.67 0.31 0.00	39.29 0.13 0.00	40.52 0.20 0.00	35.70 0.12 0.00	44.83 -0.06 0.00	54.77 0.04 0.00	49.22 0.08 0.00	39.81 0.14 0.00	38.67 0.11 0.00	38.74 0.33 0.00	39.22 0.24 0.00	36.84 0.16 0.00	35.41 0.01 0.00	37.28 0.06 0.00	36.15 0.09 0.00
HAMPSHIRE___PAPER_HYD 323593	27.35 -0.32 -3.92	30.61 -0.40 -4.19	27.52 -0.30 -3.94	28.07 -0.22 -4.07	27.89 -0.07 -3.98	37.69 0.41 -4.69	35.80 0.46 -4.55	39.59 0.61 -1.72	39.27 0.76 0.00	48.22 0.87 0.00	39.75 0.59 0.00	40.55 0.23 0.00	35.54 -0.05 0.00	44.67 -0.21 0.00	54.22 -0.50 0.00	48.63 -0.52 0.00	39.37 -0.30 0.00	38.74 0.17 0.00	38.87 0.46 0.00	39.72 0.74 0.00	37.33 0.65 0.00	36.03 0.63 0.00	37.95 0.73 0.00	36.82 0.76 0.00
HARDSCRABBLE_WT_PWR 323673	23.38 -0.37 0.00	26.39 -0.43 0.00	23.55 -0.33 0.00	23.95 -0.27 0.00	23.67 -0.32 0.00	32.37 -0.22 0.00	31.09 0.29 0.00	37.68 0.42 0.00	39.16 0.65 0.00	48.21 0.85 0.00	39.62 0.46 0.00	40.73 0.42 0.00	36.05 0.47 0.00	45.33 0.44 0.00	55.18 0.46 0.00	49.69 0.54 0.00	40.22 0.56 0.00	39.07 0.51 0.00	39.04 0.63 0.00	39.63 0.65 0.00	37.21 0.54 0.00	35.77 0.37 0.00	37.50 0.28 0.00	36.37 0.32 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.69 0.94 0.00	27.78 0.96 0.00	24.65 0.77 0.00	24.99 0.77 0.00	24.70 0.72 0.00	33.63 1.04 0.00	31.86 1.06 0.00	38.58 1.31 0.00	39.64 1.13 0.00	48.73 1.38 0.00	40.48 1.32 0.00	41.91 1.59 0.00	37.11 1.53 0.00	46.38 1.50 0.00	56.65 1.93 0.00	51.21 2.06 0.00	41.34 1.67 0.00	40.15 1.58 0.00	40.30 1.89 0.00	40.93 1.94 0.00	38.28 1.61 0.00	36.69 1.29 0.00	38.35 1.13 0.00	37.09 1.04 0.00
HARSNRAD_115KV_TB1 81005	23.73 -0.02 0.00	27.32 0.51 0.00	24.11 0.22 0.00	24.67 0.46 0.00	24.37 0.38 0.00	33.62 1.03 0.00	30.94 0.14 0.00	36.87 -0.39 0.00	37.30 -1.21 0.00	46.27 -1.09 0.00	37.73 -1.42 0.00	38.72 -1.60 0.00	33.93 -1.65 0.00	42.72 -2.16 0.00	52.35 -2.38 0.00	46.84 -2.30 0.00	38.03 -1.64 0.00	36.79 -1.78 0.00	36.98 -1.44 0.00	37.19 -1.79 0.00	34.95 -1.73 0.00	33.62 -1.78 0.00	36.29 -0.93 0.00	35.78 -0.27 0.00
HARZA MOOSE___RIVER 24016	24.91 0.03 -1.13	27.97 -0.05 -1.21	25.02 0.01 -1.13	25.47 0.08 -1.17	25.39 0.26 -1.14	34.85 0.91 -1.35	33.04 0.94 -1.31	38.88 1.13 -0.49	39.77 1.26 0.00	49.02 1.66 0.00	40.42 1.27 0.00	41.38 1.06 0.00	36.38 0.80 0.00	45.73 0.84 0.00	55.62 0.89 0.00	49.93 0.79 0.00	40.45 0.78 0.00	39.60 1.03 0.00	39.83 1.42 0.00	40.60 1.62 0.00	38.01 1.34 0.00	36.40 1.00 0.00	38.10 0.88 0.00	36.89 0.84 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.74 -0.01 0.00	26.82 0.00 0.00	23.87 -0.02 0.00	24.23 0.01 0.00	24.01 0.02 0.00	32.71 0.11 0.00	30.87 0.07 0.00	37.34 0.08 0.00	38.45 -0.06 0.00	47.37 0.02 0.00	39.10 -0.06 0.00	40.31 0.00 0.00	35.55 -0.03 0.00	44.70 -0.19 0.00	54.55 -0.17 0.00	49.01 -0.13 0.00	39.63 -0.03 0.00	38.48 -0.09 0.00	38.53 0.12 0.00	39.03 0.05 0.00	36.63 -0.05 0.00	35.22 -0.18 0.00	37.11 -0.11 0.00	35.98 -0.08 0.00
HELLGATE_13_KV_LD 55870	24.90 1.15 0.00	27.99 1.17 0.00	24.90 1.02 0.00	25.20 0.98 0.00	24.92 0.94 0.00	33.86 1.27 0.00	32.11 1.31 0.00	38.84 1.58 0.00	39.91 1.40 0.00	49.13 1.77 0.00	40.83 1.67 0.00	42.22 1.90 0.00	37.50 1.92 0.00	46.75 1.85 0.00	57.07 2.34 0.00	51.66 2.52 0.00	41.69 2.03 0.00	40.52 1.96 0.00	40.60 2.19 0.00	41.22 2.24 0.00	38.59 1.91 0.00	37.05 1.65 0.00	38.76 1.54 0.00	37.50 1.45 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.90 1.15 0.00	27.99 1.17 0.00	24.90 1.02 0.00	25.20 0.98 0.00	24.92 0.94 0.00	33.86 1.27 0.00	32.11 1.31 0.00	38.84 1.58 0.00	39.91 1.40 0.00	49.13 1.77 0.00	40.83 1.67 0.00	42.22 1.90 0.00	37.50 1.92 0.00	46.75 1.85 0.00	57.07 2.34 0.00	51.66 2.52 0.00	41.69 2.03 0.00	40.52 1.96 0.00	40.60 2.19 0.00	41.22 2.24 0.00	38.59 1.91 0.00	37.05 1.65 0.00	38.76 1.54 0.00	37.50 1.45 0.00
HEMPSTEAD____ 23647	25.01 1.27 0.00	28.14 1.32 0.00	24.93 1.05 0.00	25.28 1.06 0.00	24.95 0.96 0.00	33.88 1.29 0.00	32.17 1.37 0.00	38.63 1.37 0.00	39.78 1.27 0.00	48.79 1.43 0.00	40.58 1.43 0.00	42.22 1.90 0.00	37.52 1.94 0.00	46.99 2.10 0.00	57.16 2.44 0.00	51.60 2.45 0.00	41.80 2.14 0.00	40.65 2.08 0.00	40.61 2.20 0.00	41.22 2.24 0.00	38.63 1.95 0.00	37.17 1.78 0.00	38.79 1.57 0.00	37.76 1.70 0.00
HEWLETT_69_KV_BK3 55828	25.25 1.50 0.00	28.40 1.58 0.00	25.19 1.30 0.00	25.52 1.30 0.00	25.21 1.22 0.00	34.24 1.65 0.00	32.47 1.68 0.00	39.06 1.80 0.00	40.20 1.69 0.00	49.35 2.00 0.00	41.03 1.87 0.00	42.65 2.33 0.00	37.90 2.32 0.00	47.39 2.50 0.00	57.76 3.03 0.00	52.19 3.05 0.00	42.20 2.53 0.00	41.04 2.48 0.00	41.07 2.66 0.00	41.71 2.73 0.00	39.10 2.42 0.00	37.62 2.22 0.00	39.29 2.07 0.00	38.13 2.08 0.00
HICKLING___1 23621	24.03 0.28 0.00	27.44 0.63 0.00	24.26 0.38 0.00	24.89 0.67 0.00	24.59 0.60 0.00	33.79 1.20 0.00	31.69 0.89 0.00	38.57 1.31 0.00	39.30 0.79 0.00	48.62 1.26 0.00	39.84 0.68 0.00	41.23 0.92 0.00	36.22 0.63 0.00	45.56 0.67 0.00	55.84 1.11 0.00	50.03 0.88 0.00	40.49 0.83 0.00	39.12 0.55 0.00	39.54 1.13 0.00	39.87 0.89 0.00	37.44 0.76 0.00	35.83 0.43 0.00	37.84 0.62 0.00	36.84 0.79 0.00
HICKLING___2 23622	24.03 0.28 0.00	27.44 0.63 0.00	24.26 0.38 0.00	24.89 0.67 0.00	24.59 0.60 0.00	33.79 1.20 0.00	31.69 0.89 0.00	38.57 1.31 0.00	39.30 0.79 0.00	48.62 1.26 0.00	39.84 0.68 0.00	41.23 0.92 0.00	36.22 0.63 0.00	45.56 0.67 0.00	55.84 1.11 0.00	50.03 0.88 0.00	40.49 0.83 0.00	39.12 0.55 0.00	39.54 1.13 0.00	39.87 0.89 0.00	37.44 0.76 0.00	35.83 0.43 0.00	37.84 0.62 0.00	36.84 0.79 0.00
HIGH FALLS___HY 23754	24.58 0.83 0.00	27.65 0.83 0.00	24.55 0.67 0.00	24.90 0.69 0.00	24.62 0.63 0.00	33.50 0.90 0.00	31.76 0.97 0.00	38.50 1.24 0.00	39.53 1.01 0.00	48.56 1.20 0.00	40.39 1.24 0.00	41.86 1.54 0.00	37.13 1.55 0.00	46.34 1.46 0.00	56.53 1.80 0.00	51.02 1.88 0.00	41.27 1.60 0.00	40.10 1.54 0.00	40.27 1.86 0.00	40.91 1.93 0.00	38.26 1.58 0.00	36.69 1.29 0.00	38.34 1.12 0.00	37.02 0.97 0.00
HIGH_RIVER___SOLAR 323847	24.66 0.91 0.00	27.81 0.99 0.00	24.77 0.88 0.00	25.09 0.87 0.00	24.87 0.89 0.00	33.79 1.20 0.00	32.02 1.22 0.00	38.76 1.50 0.00	39.96 1.45 0.00	49.15 1.80 0.00	40.61 1.45 0.00	41.83 1.51 0.00	36.87 1.28 0.00	46.30 1.42 0.00	56.34 1.61 0.00	50.87 1.73 0.00	41.29 1.62 0.00	40.13 1.56 0.00	40.11 1.70 0.00	40.72 1.74 0.00	38.25 1.57 0.00	36.75 1.35 0.00	38.51 1.29 0.00	37.24 1.19 0.00

HILLBURN___GT 23639	24.66 0.91 0.00	27.73 0.91 0.00	24.59 0.71 0.00	24.93 0.72 0.00	24.64 0.65 0.00	33.56 0.97 0.00	31.79 0.99 0.00	38.49 1.23 0.00	39.49 0.98 0.00	48.48 1.12 0.00	40.29 1.13 0.00	41.72 1.41 0.00	36.96 1.38 0.00	46.13 1.25 0.00	56.37 1.65 0.00	50.97 1.83 0.00	41.15 1.49 0.00	39.97 1.40 0.00	40.15 1.74 0.00	40.77 1.79 0.00	38.11 1.44 0.00	36.52 1.12 0.00	38.18 0.96 0.00	36.93 0.88 0.00
HILLSIDE_115KV_TB1 80332	23.80 0.05 0.00	27.17 0.35 0.00	24.00 0.12 0.00	24.60 0.38 0.00	24.26 0.28 0.00	33.31 0.72 0.00	31.24 0.45 0.00	38.08 0.82 0.00	38.80 0.30 0.00	47.99 0.63 0.00	39.33 0.17 0.00	40.74 0.43 0.00	35.81 0.22 0.00	45.04 0.15 0.00	55.27 0.54 0.00	49.48 0.34 0.00	40.01 0.35 0.00	38.62 0.05 0.00	39.06 0.64 0.00	39.38 0.40 0.00	37.01 0.33 0.00	35.44 0.04 0.00	37.38 0.16 0.00	36.36 0.31 0.00
HISHELDN_WT_PWR 323625	23.80 0.05 0.00	27.37 0.55 0.00	24.11 0.23 0.00	24.77 0.55 0.00	24.49 0.50 0.00	33.73 1.14 0.00	31.24 0.44 0.00	37.56 0.30 0.00	38.04 -0.47 0.00	47.17 -0.19 0.00	38.51 -0.65 0.00	39.62 -0.70 0.00	34.77 -0.82 0.00	43.77 -1.12 0.00	53.63 -1.10 0.00	48.01 -1.13 0.00	38.94 -0.73 0.00	37.60 -0.96 0.00	37.81 -0.60 0.00	38.06 -0.92 0.00	35.76 -0.92 0.00	34.31 -1.09 0.00	36.76 -0.46 0.00	36.12 0.07 0.00
HOLTSVILLE_IC_1 23690	24.98 1.23 0.00	28.07 1.25 0.00	24.86 0.97 0.00	25.15 0.93 0.00	24.83 0.84 0.00	33.66 1.07 0.00	32.08 1.28 0.00	38.51 1.25 0.00	39.60 1.08 0.00	48.45 1.09 0.00	40.28 1.12 0.00	42.03 1.71 0.00	37.42 1.84 0.00	46.76 1.87 0.00	56.98 2.26 0.00	51.45 2.31 0.00	41.58 1.91 0.00	40.44 1.87 0.00	40.41 2.00 0.00	41.00 2.02 0.00	38.50 1.82 0.00	37.05 1.65 0.00	38.51 1.29 0.00	37.54 1.49 0.00
HOLTSVILLE_IC_10 23699	25.01 1.26 0.00	28.09 1.27 0.00	24.88 1.00 0.00	25.17 0.95 0.00	24.84 0.85 0.00	33.70 1.10 0.00	32.14 1.34 0.00	38.59 1.33 0.00	39.70 1.19 0.00	48.57 1.21 0.00	40.38 1.22 0.00	42.15 1.84 0.00	37.54 1.95 0.00	46.92 2.03 0.00	57.15 2.43 0.00	51.62 2.48 0.00	41.72 2.05 0.00	40.59 2.03 0.00	40.55 2.14 0.00	41.15 2.17 0.00	38.62 1.94 0.00	37.14 1.74 0.00	38.59 1.37 0.00	37.63 1.58 0.00
HOLTSVILLE_IC_2 23691	24.98 1.23 0.00	28.07 1.25 0.00	24.86 0.97 0.00	25.15 0.93 0.00	24.83 0.84 0.00	33.66 1.07 0.00	32.08 1.28 0.00	38.51 1.25 0.00	39.60 1.08 0.00	48.45 1.09 0.00	40.28 1.12 0.00	42.03 1.71 0.00	37.42 1.84 0.00	46.76 1.87 0.00	56.98 2.26 0.00	51.45 2.31 0.00	41.58 1.91 0.00	40.44 1.87 0.00	40.41 2.00 0.00	41.00 2.02 0.00	38.50 1.82 0.00	37.05 1.65 0.00	38.51 1.29 0.00	37.54 1.49 0.00
HOLTSVILLE_IC_3 23692	24.98 1.23 0.00	28.07 1.25 0.00	24.86 0.97 0.00	25.15 0.93 0.00	24.83 0.84 0.00	33.66 1.07 0.00	32.08 1.28 0.00	38.51 1.25 0.00	39.60 1.08 0.00	48.45 1.09 0.00	40.28 1.12 0.00	42.03 1.71 0.00	37.42 1.84 0.00	46.76 1.87 0.00	56.98 2.26 0.00	51.45 2.31 0.00	41.58 1.91 0.00	40.44 1.87 0.00	40.41 2.00 0.00	41.00 2.02 0.00	38.50 1.82 0.00	37.05 1.65 0.00	38.51 1.29 0.00	37.54 1.49 0.00
HOLTSVILLE_IC_4 23693	24.98 1.23 0.00	28.07 1.25 0.00	24.86 0.97 0.00	25.15 0.93 0.00	24.83 0.84 0.00	33.66 1.07 0.00	32.08 1.28 0.00	38.51 1.25 0.00	39.60 1.08 0.00	48.45 1.09 0.00	40.28 1.12 0.00	42.03 1.71 0.00	37.42 1.84 0.00	46.76 1.87 0.00	56.98 2.26 0.00	51.45 2.31 0.00	41.58 1.91 0.00	40.44 1.87 0.00	40.41 2.00 0.00	41.00 2.02 0.00	38.50 1.82 0.00	37.05 1.65 0.00	38.51 1.29 0.00	37.54 1.49 0.00
HOLTSVILLE_IC_5 23694	24.98 1.23 0.00	28.07 1.25 0.00	24.86 0.97 0.00	25.15 0.93 0.00	24.83 0.84 0.00	33.66 1.07 0.00	32.08 1.28 0.00	38.51 1.25 0.00	39.60 1.08 0.00	48.45 1.09 0.00	40.28 1.12 0.00	42.03 1.71 0.00	37.42 1.84 0.00	46.76 1.87 0.00	56.98 2.26 0.00	51.45 2.31 0.00	41.58 1.91 0.00	40.44 1.87 0.00	40.41 2.00 0.00	41.00 2.02 0.00	38.50 1.82 0.00	37.05 1.65 0.00	38.51 1.29 0.00	37.54 1.49 0.00
HOLTSVILLE_IC_6 23695	25.01 1.26 0.00	28.09 1.27 0.00	24.88 1.00 0.00	25.17 0.95 0.00	24.84 0.85 0.00	33.70 1.10 0.00	32.14 1.34 0.00	38.59 1.33 0.00	39.70 1.19 0.00	48.57 1.21 0.00	40.38 1.22 0.00	42.15 1.84 0.00	37.54 1.95 0.00	46.92 2.03 0.00	57.15 2.43 0.00	51.62 2.48 0.00	41.72 2.05 0.00	40.59 2.03 0.00	40.55 2.14 0.00	41.15 2.17 0.00	38.62 1.94 0.00	37.14 1.74 0.00	38.59 1.37 0.00	37.63 1.58 0.00
HOLTSVILLE_IC_7 23696	25.01 1.26 0.00	28.09 1.27 0.00	24.88 1.00 0.00	25.17 0.95 0.00	24.84 0.85 0.00	33.70 1.10 0.00	32.14 1.34 0.00	38.59 1.33 0.00	39.70 1.19 0.00	48.57 1.21 0.00	40.38 1.22 0.00	42.15 1.84 0.00	37.54 1.95 0.00	46.92 2.03 0.00	57.15 2.43 0.00	51.62 2.48 0.00	41.72 2.05 0.00	40.59 2.03 0.00	40.55 2.14 0.00	41.15 2.17 0.00	38.62 1.94 0.00	37.14 1.74 0.00	38.59 1.37 0.00	37.63 1.58 0.00
HOLTSVILLE_IC_8 23697	25.01 1.26 0.00	28.09 1.27 0.00	24.88 1.00 0.00	25.17 0.95 0.00	24.84 0.85 0.00	33.70 1.10 0.00	32.14 1.34 0.00	38.59 1.33 0.00	39.70 1.19 0.00	48.57 1.21 0.00	40.38 1.22 0.00	42.15 1.84 0.00	37.54 1.95 0.00	46.92 2.03 0.00	57.15 2.43 0.00	51.62 2.48 0.00	41.72 2.05 0.00	40.59 2.03 0.00	40.55 2.14 0.00	41.15 2.17 0.00	38.62 1.94 0.00	37.14 1.74 0.00	38.59 1.37 0.00	37.63 1.58 0.00
HOLTSVILLE_IC_9 23698	25.01 1.26 0.00	28.09 1.27 0.00	24.88 1.00 0.00	25.17 0.95 0.00	24.84 0.85 0.00	33.70 1.10 0.00	32.14 1.34 0.00	38.59 1.33 0.00	39.70 1.19 0.00	48.57 1.21 0.00	40.38 1.22 0.00	42.15 1.84 0.00	37.54 1.95 0.00	46.92 2.03 0.00	57.15 2.43 0.00	51.62 2.48 0.00	41.72 2.05 0.00	40.59 2.03 0.00	40.55 2.14 0.00	41.15 2.17 0.00	38.62 1.94 0.00	37.14 1.74 0.00	38.59 1.37 0.00	37.63 1.58 0.00
HOMER_HL_115KV_TB2 355744	24.12 0.37 0.00	27.78 0.96 0.00	24.44 0.56 0.00	25.08 0.86 0.00	24.73 0.74 0.00	34.11 1.52 0.00	31.68 0.88 0.00	38.54 1.28 0.00	38.93 0.42 0.00	48.21 0.86 0.00	39.17 0.02 0.00	40.46 0.15 0.00	35.24 -0.34 0.00	44.29 -0.60 0.00	54.45 -0.27 0.00	48.76 -0.38 0.00	39.59 -0.07 0.00	38.02 -0.55 0.00	38.58 0.17 0.00	38.88 -0.10 0.00	36.37 -0.31 0.00	34.68 -0.72 0.00	36.98 -0.24 0.00	36.22 0.17 0.00
HOWARD_WT_PWR 323690	23.32 -0.43 0.00	26.38 -0.44 0.00	23.22 -0.66 0.00	24.19 -0.03 0.00	24.08 0.09 0.00	33.90 1.31 0.00	31.61 0.81 0.00	39.20 1.94 0.00	39.86 1.35 0.00	49.61 2.25 0.00	40.46 1.31 0.00	41.86 1.54 0.00	37.02 1.44 0.00	46.28 1.40 0.00	56.87 2.15 0.00	51.10 1.96 0.00	41.62 1.95 0.00	40.06 1.49 0.00	40.70 2.29 0.00	41.05 2.08 0.00	38.43 1.75 0.00	36.69 1.29 0.00	38.73 1.51 0.00	37.76 1.71 0.00

HQ_GEN_CEDARS 23644	24.94 -0.37 -1.55	28.17 -0.31 -1.66	25.18 -0.26 -1.56	25.59 -0.25 -1.61	25.32 -0.24 -1.58	34.18 -0.27 -1.86	32.37 -0.23 -1.80	37.73 -0.21 -0.68	38.38 -0.13 0.00	47.10 -0.25 0.00	38.94 -0.22 0.00	39.96 -0.35 0.00	35.11 -0.48 0.00	44.55 -0.34 0.00	54.17 -0.55 0.00	48.52 -0.63 0.00	39.14 -0.52 0.00	38.30 -0.27 0.00	38.01 -0.40 0.00	38.70 -0.28 0.00	36.56 -0.12 0.00	35.57 0.17 0.00	37.63 0.41 0.00	36.48 0.43 0.00
HQ_GEN_CEDARS_PROXY 323590	24.93 -0.37 -1.55	28.17 -0.31 -1.66	25.18 -0.26 -1.56	25.59 -0.25 -1.61	25.32 -0.24 -1.58	34.18 -0.27 -1.86	32.37 -0.23 -1.80	37.73 -0.21 -0.68	38.38 -0.13 0.00	47.10 -0.26 0.00	38.94 -0.22 0.00	39.97 -0.35 0.00	35.11 -0.48 0.00	44.55 -0.34 0.00	54.17 -0.55 0.00	48.52 -0.63 0.00	39.14 -0.52 0.00	38.30 -0.27 0.00	38.00 -0.40 0.00	38.70 -0.28 0.00	36.56 -0.12 0.00	35.57 0.17 0.00	37.63 0.41 0.00	36.48 0.43 0.00
HQ_GEN_IMPORT 323601	23.53 -0.22 0.00	26.61 -0.21 0.00	23.70 -0.18 0.00	24.03 -0.18 0.00	23.80 -0.19 0.00	32.35 -0.24 0.00	30.57 -0.22 0.00	37.01 -0.25 0.00	38.38 -0.13 0.00	47.12 -0.24 0.00	42.26 -0.20 -3.30	40.04 -0.27 0.00	35.30 -0.29 0.00	44.78 -0.11 0.00	54.55 -0.17 0.00	48.81 -0.34 0.00	39.38 -0.29 0.00	38.40 -0.17 0.00	38.29 -0.43 -0.32	38.57 -0.41 0.00	36.40 -0.28 0.00	34.70 -0.07 0.63	36.90 0.03 0.35	40.35 0.03 -4.27
HQ_GEN_WHEEL 23651	23.53 -0.22 0.00	26.61 -0.21 0.00	23.70 -0.18 0.00	24.03 -0.18 0.00	23.80 -0.19 0.00	32.35 -0.24 0.00	30.57 -0.22 0.00	37.01 -0.25 0.00	38.38 -0.13 0.00	47.12 -0.24 0.00	42.26 -0.20 -3.30	40.04 -0.27 0.00	35.30 -0.29 0.00	44.78 -0.11 0.00	54.55 -0.17 0.00	48.81 -0.34 0.00	39.38 -0.29 0.00	38.40 -0.17 0.00	38.29 -0.43 -0.32	38.57 -0.41 0.00	36.40 -0.28 0.00	34.70 -0.07 0.63	36.90 0.03 0.35	40.35 0.03 -4.27
HUDSON_AVE_GT_3 23810	24.92 1.17 0.00	28.04 1.22 0.00	24.91 1.03 0.00	25.23 1.02 0.00	24.95 0.96 0.00	33.93 1.34 0.00	32.19 1.40 0.00	38.94 1.69 0.00	40.04 1.53 0.00	49.29 1.94 0.00	40.97 1.81 0.00	42.40 2.09 0.00	37.63 2.04 0.00	46.98 2.10 0.00	57.35 2.63 0.00	51.94 2.80 0.00	41.93 2.26 0.00	40.73 2.16 0.00	40.82 2.41 0.00	41.44 2.46 0.00	38.79 2.11 0.00	37.21 1.81 0.00	38.93 1.71 0.00	37.66 1.61 0.00
HUDSON_AVE_GT_4 23540	24.92 1.17 0.00	28.04 1.22 0.00	24.91 1.03 0.00	25.23 1.02 0.00	24.95 0.96 0.00	33.93 1.34 0.00	32.19 1.40 0.00	38.94 1.69 0.00	40.04 1.53 0.00	49.29 1.94 0.00	40.97 1.81 0.00	42.40 2.09 0.00	37.63 2.04 0.00	46.98 2.10 0.00	57.35 2.63 0.00	51.94 2.80 0.00	41.93 2.26 0.00	40.73 2.16 0.00	40.82 2.41 0.00	41.44 2.46 0.00	38.79 2.11 0.00	37.21 1.81 0.00	38.93 1.71 0.00	37.66 1.61 0.00
HUDSON_AVE_GT_5 23657	24.92 1.17 0.00	28.04 1.22 0.00	24.91 1.03 0.00	25.23 1.02 0.00	24.95 0.96 0.00	33.93 1.34 0.00	32.19 1.40 0.00	38.94 1.69 0.00	40.04 1.53 0.00	49.29 1.94 0.00	40.97 1.81 0.00	42.40 2.09 0.00	37.63 2.04 0.00	46.98 2.10 0.00	57.35 2.63 0.00	51.94 2.80 0.00	41.93 2.26 0.00	40.73 2.16 0.00	40.82 2.41 0.00	41.44 2.46 0.00	38.79 2.11 0.00	37.21 1.81 0.00	38.93 1.71 0.00	37.66 1.61 0.00
HUDSON_AVE_10 24168	24.81 1.06 0.00	27.92 1.10 0.00	24.81 0.92 0.00	25.13 0.91 0.00	24.85 0.86 0.00	33.76 1.17 0.00	32.03 1.23 0.00	38.75 1.50 0.00	39.87 1.36 0.00	49.07 1.72 0.00	40.80 1.64 0.00	42.21 1.89 0.00	37.45 1.87 0.00	46.78 1.89 0.00	57.11 2.39 0.00	51.73 2.59 0.00	41.76 2.09 0.00	40.58 2.01 0.00	40.66 2.25 0.00	41.27 2.29 0.00	38.63 1.95 0.00	37.05 1.66 0.00	38.75 1.53 0.00	37.50 1.45 0.00
HUDSON___115KV_TB 4 355613	24.58 0.83 0.00	27.69 0.87 0.00	24.66 0.78 0.00	24.93 0.71 0.00	24.74 0.75 0.00	33.47 0.87 0.00	31.65 0.85 0.00	38.24 0.98 0.00	39.76 1.25 0.00	49.12 1.77 0.00	40.52 1.37 0.00	41.59 1.27 0.00	36.76 1.17 0.00	46.19 1.31 0.00	56.32 1.60 0.00	50.86 1.72 0.00	40.90 1.23 0.00	39.67 1.11 0.00	39.69 1.28 0.00	40.30 1.32 0.00	37.87 1.19 0.00	36.35 0.94 0.00	38.02 0.80 0.00	36.90 0.85 0.00
HUNTER MOUNT___DRP 323613	24.72 0.97 0.00	27.85 1.03 0.00	24.81 0.92 0.00	25.06 0.85 0.00	24.89 0.90 0.00	33.67 1.08 0.00	31.87 1.08 0.00	38.56 1.30 0.00	40.18 1.67 0.00	49.67 2.31 0.00	40.91 1.75 0.00	41.94 1.62 0.00	37.04 1.45 0.00	46.58 1.69 0.00	56.82 2.10 0.00	51.27 2.13 0.00	41.24 1.58 0.00	40.01 1.44 0.00	40.02 1.60 0.00	40.62 1.64 0.00	38.18 1.50 0.00	36.61 1.21 0.00	38.27 1.06 0.00	37.11 1.06 0.00
HUNTINGTON_RES_REC 323705	25.01 1.26 0.00	28.10 1.29 0.00	24.87 0.99 0.00	25.14 0.92 0.00	24.80 0.81 0.00	33.63 1.04 0.00	32.02 1.22 0.00	38.47 1.21 0.00	39.55 1.04 0.00	48.38 1.03 0.00	40.24 1.08 0.00	41.99 1.68 0.00	37.40 1.81 0.00	46.72 1.83 0.00	56.89 2.17 0.00	51.42 2.27 0.00	41.55 1.89 0.00	40.44 1.87 0.00	40.40 1.99 0.00	40.99 2.01 0.00	38.50 1.82 0.00	37.05 1.65 0.00	38.53 1.31 0.00	37.57 1.52 0.00
HUNTLEY___63 23557	23.95 0.20 0.00	27.59 0.77 0.00	24.31 0.43 0.00	24.88 0.66 0.00	24.57 0.59 0.00	33.89 1.30 0.00	31.23 0.43 0.00	37.27 0.00 0.00	37.71 -0.80 0.00	46.80 -0.56 0.00	38.17 -0.99 0.00	39.20 -1.12 0.00	34.37 -1.22 0.00	43.32 -1.57 0.00	53.08 -1.65 0.00	47.52 -1.63 0.00	38.55 -1.12 0.00	37.26 -1.30 0.00	37.42 -0.99 0.00	37.64 -1.34 0.00	35.37 -1.31 -0.01	34.12 -1.27 0.00	36.80 -0.42 0.00	36.28 0.22 0.00
HUNTLEY___64 23558	23.95 0.20 0.00	27.59 0.77 0.00	24.31 0.43 0.00	24.88 0.66 0.00	24.57 0.59 0.00	33.89 1.30 0.00	31.23 0.43 0.00	37.27 0.00 0.00	37.71 -0.80 0.00	46.80 -0.56 0.00	38.17 -0.99 0.00	39.20 -1.12 0.00	34.37 -1.22 0.00	43.32 -1.57 0.00	53.08 -1.65 0.00	47.52 -1.63 0.00	38.55 -1.12 0.00	37.26 -1.30 0.00	37.42 -0.99 0.00	37.64 -1.34 0.00	35.37 -1.31 -0.01	34.12 -1.27 0.00	36.80 -0.42 0.00	36.28 0.22 0.00
HUNTLEY___65 23559	23.95 0.20 0.00	27.59 0.77 0.00	24.31 0.43 0.00	24.88 0.66 0.00	24.57 0.59 0.00	33.89 1.30 0.00	31.23 0.43 0.00	37.27 0.00 0.00	37.71 -0.80 0.00	46.80 -0.56 0.00	38.17 -0.99 0.00	39.20 -1.12 0.00	34.37 -1.22 0.00	43.32 -1.57 0.00	53.08 -1.65 0.00	47.52 -1.63 0.00	38.55 -1.12 0.00	37.26 -1.30 0.00	37.42 -0.99 0.00	37.64 -1.34 0.00	35.37 -1.31 -0.01	34.12 -1.27 0.00	36.80 -0.42 0.00	36.28 0.22 0.00
HUNTLEY___66 23560	23.95 0.20 0.00	27.59 0.77 0.00	24.31 0.43 0.00	24.88 0.66 0.00	24.57 0.59 0.00	33.89 1.30 0.00	31.23 0.43 0.00	37.27 0.00 0.00	37.71 -0.80 0.00	46.80 -0.56 0.00	38.17 -0.99 0.00	39.20 -1.12 0.00	34.37 -1.22 0.00	43.32 -1.57 0.00	53.08 -1.65 0.00	47.52 -1.63 0.00	38.55 -1.12 0.00	37.26 -1.30 0.00	37.42 -0.99 0.00	37.64 -1.34 0.00	35.37 -1.31 -0.01	34.12 -1.27 0.00	36.80 -0.42 0.00	36.28 0.22 0.00

HUNTLEY___67 23561	23.74 -0.01 0.00	27.35 0.53 0.00	24.13 0.24 0.00	24.69 0.47 0.00	24.39 0.40 0.00	33.60 1.00 0.00	30.98 0.18 0.00	37.04 -0.22 0.00	37.44 -1.07 0.00	46.45 -0.91 0.00	37.86 -1.30 0.00	38.90 -1.42 0.00	34.12 -1.46 0.00	43.00 -1.89 0.00	52.70 -2.02 0.00	47.15 -1.99 0.00	38.25 -1.41 0.00	36.95 -1.62 0.00	37.12 -1.29 0.00	37.33 -1.65 0.00	35.07 -1.61 0.00	33.70 -1.70 0.00	36.29 -0.93 0.00	35.76 -0.30 0.00
HUNTLEY___68 23562	23.74 -0.01 0.00	27.35 0.53 0.00	24.13 0.24 0.00	24.69 0.47 0.00	24.39 0.40 0.00	33.60 1.00 0.00	30.98 0.18 0.00	37.04 -0.22 0.00	37.44 -1.07 0.00	46.45 -0.91 0.00	37.86 -1.30 0.00	38.90 -1.42 0.00	34.12 -1.46 0.00	43.00 -1.89 0.00	52.70 -2.02 0.00	47.15 -1.99 0.00	38.25 -1.41 0.00	36.95 -1.62 0.00	37.12 -1.29 0.00	37.33 -1.65 0.00	35.07 -1.61 0.00	33.70 -1.70 0.00	36.29 -0.93 0.00	35.76 -0.30 0.00
HYLAND___LFGE 323620	24.82 1.07 0.00	28.39 1.57 0.00	25.06 1.17 0.00	25.65 1.44 0.00	25.27 1.28 0.00	34.33 1.74 0.00	31.87 1.08 0.00	38.65 1.39 0.00	39.29 0.78 0.00	48.36 1.00 0.00	39.45 0.29 0.00	39.84 -0.47 0.00	34.68 -0.91 0.00	43.73 -1.16 0.00	53.35 -1.37 0.00	48.43 -0.72 0.00	39.53 -0.14 0.00	38.61 0.05 0.00	39.16 0.75 0.00	39.68 0.70 0.00	37.29 0.61 0.00	35.66 0.26 0.00	37.80 0.58 0.00	37.54 1.49 0.00
INDECK___CORINTH 23802	25.17 1.42 0.00	28.39 1.57 0.00	25.23 1.35 0.00	25.48 1.26 0.00	25.29 1.30 0.00	34.29 1.70 0.00	32.45 1.66 0.00	39.24 1.98 0.00	40.59 2.08 0.00	50.08 2.73 0.00	41.50 2.34 0.00	42.74 2.43 0.00	37.74 2.16 0.00	47.48 2.60 0.00	57.95 3.22 0.00	52.42 3.28 0.00	42.25 2.58 0.00	41.04 2.47 0.00	41.05 2.64 0.00	41.63 2.65 0.00	39.12 2.45 0.00	37.45 2.05 0.00	38.99 1.77 0.00	37.64 1.58 0.00
INDECK___ILION 23567	23.94 0.19 0.00	26.94 0.12 0.00	23.98 0.09 0.00	24.26 0.05 0.00	24.04 0.05 0.00	32.57 -0.02 0.00	30.86 0.06 0.00	37.44 0.18 0.00	38.68 0.18 0.00	47.63 0.27 0.00	39.34 0.19 0.00	40.60 0.29 0.00	35.81 0.22 0.00	44.96 0.07 0.00	54.72 0.00 0.00	49.46 0.32 0.00	39.89 0.22 0.00	38.71 0.14 0.00	38.76 0.35 0.00	39.36 0.38 0.00	37.01 0.33 0.00	35.49 0.09 0.00	37.02 -0.19 0.00	35.79 -0.26 0.00
INDECK___OLEAN 23982	24.12 0.37 0.00	27.78 0.97 0.00	24.44 0.56 0.00	25.08 0.87 0.00	24.73 0.74 0.00	34.12 1.52 0.00	31.68 0.88 0.00	38.54 1.28 0.00	38.93 0.42 0.00	48.21 0.86 0.00	39.18 0.02 0.00	40.46 0.14 0.00	35.24 -0.34 0.00	44.30 -0.59 0.00	54.45 -0.27 0.00	48.76 -0.38 0.00	39.60 -0.06 0.00	38.02 -0.55 0.00	38.57 0.16 0.00	38.85 -0.13 0.00	36.37 -0.30 0.00	34.67 -0.73 0.00	36.98 -0.24 0.00	36.22 0.17 0.00
INDECK___OSWEGO 23783	24.09 0.33 0.00	27.18 0.36 0.00	24.18 0.30 0.00	24.58 0.36 0.00	24.40 0.41 0.00	33.34 0.75 0.00	31.25 0.45 0.00	37.70 0.44 0.00	38.82 0.31 0.00	47.85 0.50 0.00	39.42 0.26 0.00	40.49 0.18 0.00	35.66 0.07 0.00	44.73 -0.16 0.00	54.50 -0.23 0.00	48.87 -0.28 0.00	39.52 -0.14 0.00	38.55 -0.02 0.00	38.80 0.39 0.00	39.42 0.44 0.00	36.97 0.29 0.00	35.54 0.14 0.00	37.75 0.53 0.00	36.70 0.65 0.00
INDECK___YERKES 23781	23.98 0.23 0.00	27.62 0.80 0.00	24.34 0.45 0.00	24.91 0.69 0.00	24.60 0.61 0.00	33.93 1.34 0.00	31.26 0.46 0.00	37.30 0.04 0.00	37.75 -0.76 0.00	46.86 -0.50 0.00	38.21 -0.94 0.00	39.25 -1.06 0.00	34.41 -1.18 0.00	43.37 -1.52 0.00	53.14 -1.59 0.00	47.58 -1.57 0.00	38.60 -1.07 0.00	37.31 -1.26 0.00	37.44 -0.97 0.00	37.66 -1.32 0.00	35.40 -1.29 -0.01	34.15 -1.24 0.00	36.83 -0.39 0.00	36.31 0.26 0.00
INDIAN POINT_GT_1 24139	24.66 0.91 0.00	27.77 0.95 0.00	24.67 0.78 0.00	24.98 0.76 0.00	24.72 0.73 0.00	33.60 1.00 0.00	31.84 1.04 0.00	38.52 1.26 0.00	39.59 1.08 0.00	48.67 1.31 0.00	40.45 1.30 0.00	41.87 1.55 0.00	37.12 1.54 0.00	46.37 1.48 0.00	56.60 1.88 0.00	51.21 2.06 0.00	41.33 1.66 0.00	40.13 1.57 0.00	40.25 1.84 0.00	40.87 1.90 0.00	38.26 1.58 0.00	36.70 1.30 0.00	38.36 1.14 0.00	37.12 1.07 0.00
INDIAN POINT_GT_2 23659	24.66 0.91 0.00	27.77 0.95 0.00	24.67 0.78 0.00	24.98 0.76 0.00	24.72 0.73 0.00	33.60 1.00 0.00	31.84 1.04 0.00	38.52 1.26 0.00	39.59 1.08 0.00	48.67 1.31 0.00	40.45 1.30 0.00	41.87 1.55 0.00	37.12 1.54 0.00	46.37 1.48 0.00	56.60 1.88 0.00	51.21 2.06 0.00	41.33 1.66 0.00	40.13 1.57 0.00	40.25 1.84 0.00	40.87 1.90 0.00	38.26 1.58 0.00	36.70 1.30 0.00	38.36 1.14 0.00	37.12 1.07 0.00
INDIAN POINT_GT_3 24019	24.66 0.91 0.00	27.77 0.95 0.00	24.67 0.78 0.00	24.98 0.76 0.00	24.72 0.73 0.00	33.60 1.00 0.00	31.84 1.04 0.00	38.52 1.26 0.00	39.59 1.08 0.00	48.67 1.31 0.00	40.45 1.30 0.00	41.87 1.55 0.00	37.12 1.54 0.00	46.37 1.48 0.00	56.60 1.88 0.00	51.21 2.06 0.00	41.33 1.66 0.00	40.13 1.57 0.00	40.25 1.84 0.00	40.87 1.90 0.00	38.26 1.58 0.00	36.70 1.30 0.00	38.36 1.14 0.00	37.12 1.07 0.00
INDIAN POINT___2 23530	24.64 0.89 0.00	27.73 0.91 0.00	24.62 0.74 0.00	24.95 0.74 0.00	24.67 0.68 0.00	33.55 0.96 0.00	31.80 1.00 0.00	38.46 1.20 0.00	39.51 1.00 0.00	48.54 1.19 0.00	40.33 1.18 0.00	41.76 1.45 0.00	37.02 1.44 0.00	46.22 1.33 0.00	56.44 1.72 0.00	51.06 1.92 0.00	41.21 1.55 0.00	40.02 1.45 0.00	40.16 1.75 0.00	40.78 1.80 0.00	38.15 1.48 0.00	36.59 1.19 0.00	38.26 1.04 0.00	37.02 0.97 0.00
INDIAN POINT___3 23531	24.65 0.90 0.00	27.80 0.98 0.00	24.72 0.84 0.00	25.03 0.81 0.00	24.77 0.78 0.00	33.65 1.06 0.00	31.90 1.10 0.00	38.56 1.30 0.00	39.67 1.16 0.00	48.81 1.45 0.00	40.56 1.41 0.00	41.97 1.66 0.00	37.23 1.65 0.00	46.52 1.63 0.00	56.75 2.03 0.00	51.35 2.21 0.00	41.45 1.78 0.00	40.25 1.68 0.00	40.34 1.93 0.00	40.96 1.98 0.00	38.35 1.68 0.00	36.81 1.41 0.00	38.47 1.25 0.00	37.24 1.19 0.00
INGHAM_C_115KV_TB7 356103	24.06 0.31 0.00	26.96 0.14 0.00	23.98 0.10 0.00	24.20 -0.02 0.00	23.96 -0.03 0.00	32.34 -0.25 0.00	30.69 -0.11 0.00	37.34 0.08 0.00	38.59 0.08 0.00	47.54 0.19 0.00	39.20 0.04 0.00	40.58 0.26 0.00	35.70 0.12 0.00	44.60 -0.29 0.00	54.28 -0.45 0.00	49.46 0.31 0.00	39.84 0.18 0.00	38.59 0.02 0.00	38.85 0.43 0.00	39.45 0.47 0.00	37.14 0.46 0.00	35.36 -0.04 0.00	36.56 -0.66 0.00	35.26 -0.79 0.00
IP CORINTH___1 23988	25.17 1.42 0.00	28.39 1.57 0.00	25.23 1.35 0.00	25.48 1.27 0.00	25.29 1.30 0.00	34.29 1.70 0.00	32.45 1.66 0.00	39.25 1.99 0.00	40.60 2.09 0.00	50.08 2.73 0.00	41.50 2.34 0.00	42.74 2.43 0.00	37.74 2.16 0.00	47.49 2.60 0.00	57.95 3.22 0.00	52.42 3.28 0.00	42.25 2.58 0.00	41.04 2.47 0.00	41.05 2.64 0.00	41.63 2.65 0.00	39.12 2.45 0.00	37.45 2.05 0.00	38.99 1.77 0.00	37.64 1.59 0.00

IP__TICONDEROGA 23804	26.53 2.78 0.00	30.03 3.21 0.00	26.59 2.71 0.00	26.75 2.53 0.00	26.57 2.58 0.00	36.07 3.48 0.00	34.01 3.21 0.00	40.68 3.42 0.00	42.38 3.86 0.00	52.42 5.06 0.00	43.51 4.36 0.00	44.83 4.51 0.00	39.56 3.98 0.00	49.82 4.94 0.00	61.09 6.36 0.00	55.68 6.53 0.00	44.92 5.26 0.00	43.53 4.96 0.00	43.69 5.28 0.00	44.14 5.16 0.00	41.41 4.73 0.00	39.44 4.04 0.00	40.67 3.45 0.00	39.18 3.13 0.00
ISLIP_RES_REC 323679	25.08 1.33 0.00	28.18 1.37 0.00	24.96 1.08 0.00	25.25 1.03 0.00	24.93 0.94 0.00	33.83 1.24 0.00	32.27 1.47 0.00	38.78 1.52 0.00	39.88 1.38 0.00	48.82 1.46 0.00	40.60 1.44 0.00	42.40 2.08 0.00	37.75 2.17 0.00	47.19 2.30 0.00	57.48 2.76 0.00	51.91 2.77 0.00	41.97 2.30 0.00	40.82 2.26 0.00	40.78 2.37 0.00	41.38 2.40 0.00	38.82 2.15 0.00	37.34 1.94 0.00	38.78 1.56 0.00	37.79 1.74 0.00
JAMAICA__27_KV_LOAD 355505	24.94 1.19 0.00	28.08 1.26 0.00	24.94 1.06 0.00	25.27 1.05 0.00	24.97 0.98 0.00	33.91 1.32 0.00	32.16 1.36 0.00	38.95 1.69 0.00	40.15 1.64 0.00	49.37 2.02 0.00	41.03 1.88 0.00	42.43 2.11 0.00	37.63 2.05 0.00	47.07 2.18 0.00	57.49 2.77 0.00	52.05 2.90 0.00	41.95 2.29 0.00	40.78 2.22 0.00	40.84 2.42 0.00	41.54 2.56 0.00	38.91 2.23 0.00	37.30 1.90 0.00	39.00 1.78 0.00	37.76 1.71 0.00
JANIS__SOLAR 323808	24.44 0.69 0.00	27.55 0.73 0.00	24.61 0.73 0.00	24.97 0.75 0.00	24.78 0.79 0.00	34.04 1.45 0.00	32.18 1.38 0.00	39.17 1.91 0.00	40.33 1.82 0.00	49.84 2.49 0.00	41.05 1.89 0.00	42.53 2.22 0.00	37.26 1.67 0.00	46.71 1.82 0.00	57.05 2.32 0.00	51.36 2.21 0.00	41.84 2.17 0.00	40.79 2.23 0.00	41.06 2.65 0.00	41.55 2.57 0.00	38.92 2.24 0.00	37.17 1.76 0.00	39.02 1.79 0.00	37.84 1.78 0.00
JARVIS____ 23743	23.82 0.07 0.00	26.87 0.05 0.00	23.93 0.05 0.00	24.27 0.05 0.00	24.03 0.05 0.00	32.66 0.07 0.00	30.89 0.09 0.00	37.40 0.14 0.00	38.65 0.14 0.00	47.55 0.19 0.00	39.32 0.17 0.00	40.51 0.19 0.00	35.77 0.18 0.00	45.07 0.18 0.00	54.86 0.14 0.00	49.32 0.17 0.00	39.79 0.12 0.00	38.66 0.10 0.00	38.59 0.17 0.00	39.16 0.18 0.00	36.82 0.14 0.00	35.47 0.06 0.00	37.23 0.01 0.00	36.05 0.00 0.00
JENNISON__1 23625	24.32 0.57 0.00	27.08 0.26 0.00	24.52 0.64 0.00	24.73 0.51 0.00	24.53 0.54 0.00	33.78 1.19 0.00	31.74 0.94 0.00	38.54 1.28 0.00	39.82 1.31 0.00	49.29 1.93 0.00	40.60 1.44 0.00	42.35 2.04 0.00	37.27 1.69 0.00	46.80 1.91 0.00	57.09 2.36 0.00	51.44 2.30 0.00	41.94 2.27 0.00	40.75 2.19 0.00	41.00 2.59 0.00	41.48 2.50 0.00	38.86 2.18 0.00	36.91 1.51 0.00	38.75 1.54 0.00	37.78 1.73 0.00
JENNISON__2 23626	24.32 0.57 0.00	27.08 0.26 0.00	24.52 0.64 0.00	24.73 0.51 0.00	24.53 0.54 0.00	33.78 1.19 0.00	31.74 0.94 0.00	38.54 1.28 0.00	39.82 1.31 0.00	49.29 1.93 0.00	40.60 1.44 0.00	42.35 2.04 0.00	37.27 1.69 0.00	46.80 1.91 0.00	57.09 2.36 0.00	51.44 2.30 0.00	41.94 2.27 0.00	40.75 2.19 0.00	41.00 2.59 0.00	41.48 2.50 0.00	38.86 2.18 0.00	36.91 1.51 0.00	38.75 1.54 0.00	37.78 1.73 0.00
JERICHO_RISE_WT_PWR 323719	-24.26 -1.34 46.67	-24.46 -1.41 49.86	-24.24 -1.25 46.88	-25.53 -1.27 48.49	-24.62 -1.27 47.34	-24.89 -1.66 55.83	-24.77 -1.46 54.11	15.21 -1.58 20.47	37.04 -1.47 0.00	45.72 -1.64 0.00	38.07 -1.09 0.00	39.30 -1.01 0.00	34.55 -1.03 0.00	43.64 -1.25 0.00	52.94 -1.79 0.00	47.59 -1.55 0.00	38.65 -1.01 0.00	38.01 -0.55 0.00	37.70 -0.70 0.00	38.35 -0.63 0.00	36.39 -0.29 0.00	35.41 0.01 0.00	37.45 0.23 0.00	36.25 0.20 0.00
KATONAH__115KV_46KV_TB4 355592	24.79 1.04 0.00	27.91 1.09 0.00	24.81 0.92 0.00	25.13 0.91 0.00	24.86 0.87 0.00	33.77 1.17 0.00	32.02 1.23 0.00	38.74 1.48 0.00	39.87 1.36 0.00	49.08 1.73 0.00	40.79 1.63 0.00	42.18 1.87 0.00	37.42 1.83 0.00	46.78 1.89 0.00	57.05 2.33 0.00	51.61 2.46 0.00	41.67 2.00 0.00	40.47 1.90 0.00	40.57 2.16 0.00	41.19 2.22 0.00	38.56 1.88 0.00	36.99 1.59 0.00	38.66 1.45 0.00	37.39 1.34 0.00
KCE_NY_1 323755	25.00 1.25 0.00	28.16 1.34 0.00	25.07 1.18 0.00	25.34 1.12 0.00	25.13 1.15 0.00	34.08 1.49 0.00	32.22 1.43 0.00	39.03 1.77 0.00	40.24 1.73 0.00	49.74 2.39 0.00	41.12 1.97 0.00	42.34 2.03 0.00	37.42 1.83 0.00	47.10 2.21 0.00	57.38 2.66 0.00	51.80 2.66 0.00	41.76 2.09 0.00	40.54 1.97 0.00	40.56 2.15 0.00	41.17 2.19 0.00	38.70 2.03 0.00	37.10 1.71 0.00	38.70 1.48 0.00	37.43 1.38 0.00
KCE_NY_6_ESR 323823	24.05 0.30 0.00	27.71 0.89 0.00	24.41 0.53 0.00	25.02 0.80 0.00	24.70 0.71 0.00	34.05 1.46 0.00	31.46 0.66 0.00	37.75 0.50 0.00	38.14 -0.37 0.00	47.33 -0.03 0.00	38.59 -0.56 0.00	39.69 -0.62 0.00	34.82 -0.76 0.00	43.84 -1.05 0.00	53.71 -1.01 0.00	48.09 -1.06 0.00	39.00 -0.66 0.00	37.69 -0.88 0.00	37.81 -0.60 0.00	38.04 -0.94 0.00	35.74 -0.94 0.00	34.28 -1.12 0.00	36.85 -0.37 0.00	36.24 0.19 0.00
KEDC_PORT_JEFF_GT2 24210	24.99 1.23 0.00	28.08 1.26 0.00	24.86 0.97 0.00	25.15 0.93 0.00	24.83 0.84 0.00	33.66 1.07 0.00	32.09 1.30 0.00	38.53 1.28 0.00	39.63 1.12 0.00	48.50 1.14 0.00	40.32 1.16 0.00	42.09 1.77 0.00	37.48 1.90 0.00	46.85 1.96 0.00	57.06 2.34 0.00	51.55 2.41 0.00	41.66 1.99 0.00	40.52 1.95 0.00	40.28 1.87 0.00	40.88 1.90 0.00	38.37 1.70 0.00	36.91 1.52 0.00	38.36 1.14 0.00	37.59 1.54 0.00
KEDC_PORT_JEFF_GT3 24211	24.99 1.23 0.00	28.08 1.26 0.00	24.86 0.97 0.00	25.15 0.93 0.00	24.83 0.84 0.00	33.66 1.07 0.00	32.09 1.30 0.00	38.53 1.28 0.00	39.63 1.12 0.00	48.50 1.14 0.00	40.32 1.16 0.00	42.09 1.77 0.00	37.48 1.90 0.00	46.85 1.96 0.00	57.06 2.34 0.00	51.55 2.41 0.00	41.66 1.99 0.00	40.52 1.95 0.00	40.28 1.87 0.00	40.88 1.90 0.00	38.37 1.70 0.00	36.91 1.52 0.00	38.36 1.14 0.00	37.59 1.54 0.00
KEDC_GLWD_GT4 24219	25.14 1.39 0.00	28.29 1.47 0.00	25.07 1.19 0.00	25.40 1.19 0.00	25.08 1.10 0.00	34.08 1.48 0.00	32.33 1.53 0.00	38.64 1.39 0.00	39.81 1.30 0.00	48.84 1.49 0.00	40.63 1.47 0.00	42.25 1.94 0.00	37.58 1.99 0.00	47.30 2.41 0.00	57.32 2.59 0.00	51.68 2.54 0.00	42.08 2.42 0.00	40.90 2.34 0.00	40.67 2.26 0.00	41.29 2.31 0.00	38.68 2.00 0.00	37.20 1.80 0.00	38.85 1.63 0.00	37.97 1.92 0.00
KEDC_GLWD_GT5 24220	25.14 1.39 0.00	28.29 1.47 0.00	25.07 1.19 0.00	25.40 1.19 0.00	25.08 1.10 0.00	34.08 1.48 0.00	32.33 1.53 0.00	38.64 1.39 0.00	39.81 1.30 0.00	48.84 1.49 0.00	40.63 1.47 0.00	42.25 1.94 0.00	37.58 1.99 0.00	47.30 2.41 0.00	57.32 2.59 0.00	51.68 2.54 0.00	42.08 2.42 0.00	40.90 2.34 0.00	40.67 2.26 0.00	41.29 2.31 0.00	38.68 2.00 0.00	37.20 1.80 0.00	38.85 1.63 0.00	37.97 1.92 0.00

KENSICO____ 23655	24.73 0.98 0.00	27.85 1.04 0.00	24.75 0.86 0.00	25.07 0.86 0.00	24.80 0.81 0.00	33.70 1.11 0.00	31.95 1.16 0.00	38.64 1.38 0.00	39.73 1.22 0.00	48.89 1.53 0.00	40.64 1.48 0.00	42.05 1.73 0.00	37.30 1.72 0.00	46.60 1.71 0.00	56.85 2.13 0.00	51.44 2.30 0.00	41.53 1.86 0.00	40.33 1.76 0.00	40.43 2.01 0.00	41.05 2.07 0.00	38.43 1.75 0.00	36.88 1.48 0.00	38.55 1.33 0.00	37.30 1.25 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.55 0.80 0.00	27.63 0.81 0.00	24.54 0.65 0.00	24.88 0.66 0.00	24.60 0.62 0.00	33.46 0.87 0.00	31.73 0.93 0.00	38.45 1.19 0.00	39.52 1.01 0.00	48.57 1.22 0.00	40.36 1.21 0.00	41.78 1.47 0.00	37.07 1.48 0.00	46.29 1.40 0.00	56.46 1.74 0.00	50.94 1.80 0.00	41.19 1.52 0.00	40.03 1.46 0.00	40.19 1.78 0.00	40.83 1.85 0.00	38.20 1.52 0.00	36.63 1.23 0.00	38.27 1.06 0.00	36.97 0.92 0.00
KIAC_JFK_GT1 23816	24.72 0.97 0.00	27.85 1.03 0.00	24.74 0.86 0.00	25.06 0.85 0.00	24.77 0.78 0.00	33.62 1.02 0.00	31.83 1.04 0.00	38.55 1.29 0.00	39.74 1.23 0.00	48.87 1.52 0.00	40.63 1.48 0.00	42.02 1.70 0.00	37.27 1.69 0.00	46.61 1.72 0.00	56.93 2.21 0.00	51.52 2.38 0.00	41.55 1.88 0.00	40.38 1.82 0.00	40.44 2.03 0.00	41.12 2.14 0.00	38.53 1.85 0.00	36.94 1.54 0.00	38.62 1.40 0.00	37.40 1.35 0.00
KIAC_JFK_GT2 23817	24.72 0.97 0.00	27.85 1.03 0.00	24.74 0.86 0.00	25.06 0.85 0.00	24.77 0.78 0.00	33.62 1.02 0.00	31.83 1.04 0.00	38.55 1.29 0.00	39.74 1.23 0.00	48.87 1.52 0.00	40.63 1.48 0.00	42.02 1.70 0.00	37.27 1.69 0.00	46.61 1.72 0.00	56.93 2.21 0.00	51.52 2.38 0.00	41.55 1.88 0.00	40.38 1.82 0.00	40.44 2.03 0.00	41.12 2.14 0.00	38.53 1.85 0.00	36.94 1.54 0.00	38.62 1.40 0.00	37.40 1.35 0.00
KIAC_JFK____ 323774	24.71 0.96 0.00	27.85 1.03 0.00	24.74 0.86 0.00	25.06 0.85 0.00	24.77 0.78 0.00	33.62 1.02 0.00	31.83 1.03 0.00	38.55 1.29 0.00	39.74 1.23 0.00	48.87 1.51 0.00	40.63 1.48 0.00	42.02 1.70 0.00	37.27 1.68 0.00	46.61 1.73 0.00	56.93 2.21 0.00	51.52 2.38 0.00	41.55 1.88 0.00	40.38 1.81 0.00	40.44 2.03 0.00	41.13 2.15 0.00	38.53 1.85 0.00	36.94 1.54 0.00	38.62 1.40 0.00	37.40 1.35 0.00
KINTIGH____ 23543	23.60 -0.15 0.00	27.11 0.29 0.00	23.96 0.07 0.00	24.48 0.27 0.00	24.18 0.19 0.00	33.26 0.67 0.00	30.76 -0.04 0.00	36.79 -0.47 0.00	37.31 -1.20 0.00	46.23 -1.13 0.00	37.72 -1.44 0.00	38.73 -1.58 0.00	33.98 -1.60 0.00	42.81 -2.08 0.00	52.46 -2.27 0.00	46.98 -2.16 0.00	38.12 -1.54 0.00	36.86 -1.71 0.00	37.04 -1.37 0.00	37.30 -1.68 0.00	35.09 -1.59 0.00	33.76 -1.64 0.00	36.20 -1.02 0.00	35.55 -0.50 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-21.04 -1.41 43.39	-21.05 -1.52 46.36	-21.07 -1.37 43.59	-22.33 -1.46 45.08	-21.47 -1.45 44.01	-21.13 -1.81 51.91	-20.95 -1.44 50.31	16.91 -1.32 19.03	37.43 -1.08 0.00	46.24 -1.12 0.00	38.61 -0.55 0.00	39.94 -0.37 0.00	35.11 -0.47 0.00	44.01 -0.88 0.00	53.28 -1.44 0.00	47.93 -1.21 0.00	39.06 -0.60 0.00	38.46 -0.11 0.00	38.29 -0.13 0.00	38.95 -0.03 0.00	37.12 0.44 0.00	36.06 0.66 0.00	38.09 0.86 0.00	36.87 0.82 0.00
LACHUTE__HYDRO 323717	26.53 2.78 0.00	30.03 3.21 0.00	26.59 2.70 0.00	26.75 2.53 0.00	26.56 2.57 0.00	36.07 3.48 0.00	34.01 3.21 0.00	40.68 3.42 0.00	42.38 3.86 0.00	52.42 5.06 0.00	43.52 4.36 0.00	44.83 4.51 0.00	39.56 3.98 0.00	49.82 4.94 0.00	61.09 6.36 0.00	55.68 6.53 0.00	44.92 5.25 0.00	43.53 4.96 0.00	43.69 5.28 0.00	44.14 5.16 0.00	41.41 4.73 0.00	39.43 4.04 0.00	40.67 3.45 0.00	39.18 3.13 0.00
LAWRNCV_115KV_TB1 80681	28.05 -0.43 -4.73	31.47 -0.41 -5.06	28.30 -0.34 -4.75	28.82 -0.31 -4.92	28.51 -0.28 -4.80	38.02 -0.23 -5.66	36.13 -0.15 -5.49	39.24 -0.10 -2.08	38.51 0.00 0.00	47.16 -0.20 0.00	38.96 -0.20 0.00	39.88 -0.43 0.00	34.99 -0.60 0.00	44.19 -0.70 0.00	53.61 -1.12 0.00	48.03 -1.12 0.00	38.74 -0.92 0.00	38.02 -0.55 0.00	37.78 -0.62 0.00	38.55 -0.43 0.00	36.47 -0.21 0.00	35.53 0.13 0.00	37.66 0.44 0.00	36.59 0.54 0.00
LEDERLE____ 23769	24.74 0.99 0.00	27.81 0.99 0.00	24.66 0.78 0.00	25.00 0.79 0.00	24.71 0.72 0.00	33.66 1.07 0.00	31.88 1.08 0.00	38.60 1.33 0.00	39.59 1.08 0.00	48.60 1.24 0.00	40.38 1.22 0.00	41.83 1.51 0.00	37.06 1.48 0.00	46.25 1.36 0.00	56.52 1.80 0.00	51.11 1.97 0.00	41.27 1.61 0.00	40.08 1.51 0.00	40.26 1.85 0.00	40.88 1.90 0.00	38.22 1.54 0.00	36.62 1.22 0.00	38.27 1.06 0.00	37.03 0.98 0.00
LIGHTHSE_115KV_TB6 355974	23.82 0.07 0.00	26.85 0.03 0.00	23.91 0.03 0.00	24.33 0.11 0.00	24.20 0.21 0.00	33.27 0.67 0.00	31.38 0.58 0.00	37.95 0.69 0.00	39.18 0.67 0.00	48.30 0.94 0.00	39.71 0.55 0.00	40.64 0.32 0.00	35.71 0.12 0.00	44.80 -0.09 0.00	54.52 -0.21 0.00	48.86 -0.28 0.00	39.62 -0.04 0.00	38.75 0.18 0.00	39.09 0.68 0.00	39.80 0.82 0.00	37.30 0.62 0.00	35.82 0.42 0.00	37.73 0.52 0.00	36.60 0.54 0.00
LINDEN COGEN____ 23786	24.76 1.01 0.00	27.86 1.05 0.00	24.76 0.88 0.00	25.08 0.87 0.00	24.80 0.81 0.00	33.74 1.15 0.00	32.00 1.20 0.00	38.71 1.45 0.00	39.74 1.23 0.00	48.90 1.55 0.00	40.65 1.49 0.00	42.08 1.76 0.00	37.34 1.75 0.00	46.58 1.69 0.00	56.86 2.14 0.00	51.50 2.36 0.00	41.56 1.89 0.00	40.38 1.82 0.00	40.52 2.11 0.00	41.14 2.16 0.00	38.48 1.81 0.00	36.93 1.53 0.00	38.63 1.42 0.00	37.39 1.34 0.00
LINDHRST_69_KV_BK1 356055	25.25 1.50 0.00	28.38 1.57 0.00	25.13 1.25 0.00	25.47 1.25 0.00	25.13 1.15 0.00	34.11 1.52 0.00	32.45 1.66 0.00	39.02 1.76 0.00	40.19 1.68 0.00	49.21 1.86 0.00	40.95 1.79 0.00	42.64 2.32 0.00	37.92 2.33 0.00	47.40 2.52 0.00	57.75 3.03 0.00	52.13 2.99 0.00	42.15 2.49 0.00	41.01 2.45 0.00	41.05 2.64 0.00	41.67 2.69 0.00	39.09 2.41 0.00	37.63 2.23 0.00	39.18 1.96 0.00	38.11 2.05 0.00
LIPA_MISC_IPP 23656	24.59 0.84 0.00	27.62 0.80 0.00	24.48 0.60 0.00	24.75 0.53 0.00	24.45 0.46 0.00	33.12 0.53 0.00	31.61 0.81 0.00	37.90 0.64 0.00	38.96 0.45 0.00	47.60 0.25 0.00	39.56 0.41 0.00	41.32 1.01 0.00	36.85 1.26 0.00	46.08 1.20 0.00	56.07 1.35 0.00	50.70 1.55 0.00	40.92 1.25 0.00	39.85 1.28 0.00	39.81 1.40 0.00	40.42 1.44 0.00	37.90 1.23 0.00	36.44 1.05 0.00	37.83 0.61 0.00	36.86 0.81 0.00
LISF__SOLAR 323691	24.62 0.88 0.00	27.66 0.84 0.00	24.52 0.64 0.00	24.79 0.57 0.00	24.48 0.49 0.00	33.17 0.58 0.00	31.67 0.87 0.00	37.97 0.71 0.00	39.04 0.53 0.00	47.68 0.33 0.00	39.62 0.47 0.00	41.41 1.10 0.00	36.91 1.33 0.00	46.18 1.29 0.00	56.18 1.46 0.00	50.79 1.65 0.00	41.01 1.34 0.00	39.93 1.37 0.00	39.92 1.51 0.00	40.53 1.55 0.00	38.00 1.32 0.00	36.53 1.13 0.00	37.93 0.71 0.00	36.94 0.89 0.00

LITTLE FALLS___HYD 24013	24.06 0.31 0.00	26.96 0.14 0.00	23.98 0.10 0.00	24.20 -0.02 0.00	23.96 -0.03 0.00	32.34 -0.25 0.00	30.69 -0.11 0.00	37.34 0.08 0.00	38.59 0.08 0.00	47.54 0.19 0.00	39.20 0.04 0.00	40.58 0.26 0.00	35.70 0.12 0.00	44.60 -0.29 0.00	54.28 -0.45 0.00	49.46 0.31 0.00	39.84 0.18 0.00	38.59 0.02 0.00	38.85 0.43 0.00	39.45 0.47 0.00	37.14 0.46 0.00	35.36 -0.04 0.00	36.56 -0.66 0.00	35.26 -0.79 0.00
LITTLRIV_115KV_TB1 356100	28.86 -0.14 -5.25	32.37 -0.06 -5.61	29.13 -0.02 -5.28	29.67 -0.01 -5.46	29.34 0.02 -5.33	39.08 0.20 -6.28	37.20 0.32 -6.09	40.06 0.50 -2.30	39.11 0.60 0.00	47.87 0.51 0.00	39.46 0.31 0.00	40.14 -0.18 0.00	35.16 -0.42 0.00	44.45 -0.44 0.00	53.93 -0.79 0.00	48.35 -0.80 0.00	39.11 -0.55 0.00	38.48 -0.09 0.00	38.31 -0.10 0.00	39.18 0.21 0.00	37.04 0.36 0.00	36.07 0.67 0.00	38.21 0.99 0.00	37.08 1.03 0.00
LI_NEWBRDGE___DRP 323616	25.01 1.26 0.00	28.14 1.31 0.00	24.93 1.05 0.00	25.26 1.04 0.00	24.94 0.95 0.00	33.86 1.26 0.00	32.15 1.35 0.00	38.66 1.41 0.00	39.78 1.27 0.00	48.78 1.43 0.00	40.57 1.41 0.00	42.18 1.86 0.00	37.50 1.92 0.00	46.88 1.99 0.00	57.11 2.39 0.00	51.60 2.45 0.00	41.73 2.06 0.00	40.56 1.99 0.00	40.58 2.17 0.00	41.17 2.20 0.00	38.61 1.93 0.00	37.15 1.75 0.00	38.75 1.53 0.00	37.67 1.62 0.00
LOCKPORT_115KV_TB60_63_64 80432	23.75 0.00 0.00	27.34 0.52 0.00	24.12 0.23 0.00	24.68 0.46 0.00	24.38 0.39 0.00	33.64 1.05 0.00	30.95 0.15 0.00	36.89 -0.37 0.00	37.33 -1.18 0.00	46.28 -1.07 0.00	37.75 -1.41 0.00	38.75 -1.56 0.00	33.94 -1.64 0.00	42.73 -2.16 0.00	52.35 -2.38 0.00	46.85 -2.29 0.00	38.04 -1.63 0.00	36.81 -1.76 0.00	37.00 -1.41 0.00	37.22 -1.76 0.00	34.98 -1.70 0.00	33.64 -1.76 0.00	36.32 -0.89 0.00	35.82 -0.23 0.00
LOCKPORT___CC1 323769	23.73 -0.02 0.00	27.32 0.51 0.00	24.11 0.22 0.00	24.68 0.46 0.00	24.38 0.39 0.00	33.62 1.03 0.00	30.94 0.14 0.00	36.87 -0.39 0.00	37.30 -1.21 0.00	46.27 -1.09 0.00	37.73 -1.43 0.00	38.71 -1.60 0.00	33.93 -1.65 0.00	42.73 -2.16 0.00	52.34 -2.38 0.00	46.85 -2.29 0.00	38.04 -1.63 0.00	36.79 -1.78 0.00	36.95 -1.46 0.00	37.17 -1.81 0.00	34.95 -1.73 0.00	33.61 -1.79 0.00	36.28 -0.94 0.00	35.78 -0.27 0.00
LOCKPORT___CC2 323770	23.73 -0.02 0.00	27.32 0.51 0.00	24.11 0.22 0.00	24.68 0.46 0.00	24.38 0.39 0.00	33.62 1.03 0.00	30.94 0.14 0.00	36.87 -0.39 0.00	37.30 -1.21 0.00	46.27 -1.09 0.00	37.73 -1.43 0.00	38.71 -1.60 0.00	33.93 -1.65 0.00	42.73 -2.16 0.00	52.34 -2.38 0.00	46.85 -2.29 0.00	38.04 -1.63 0.00	36.79 -1.78 0.00	36.95 -1.46 0.00	37.17 -1.81 0.00	34.95 -1.73 0.00	33.61 -1.79 0.00	36.28 -0.94 0.00	35.78 -0.27 0.00
LOCKPORT___CC3 323771	23.73 -0.02 0.00	27.32 0.51 0.00	24.11 0.22 0.00	24.68 0.46 0.00	24.38 0.39 0.00	33.62 1.03 0.00	30.94 0.14 0.00	36.87 -0.39 0.00	37.30 -1.21 0.00	46.27 -1.09 0.00	37.73 -1.43 0.00	38.71 -1.60 0.00	33.93 -1.65 0.00	42.73 -2.16 0.00	52.34 -2.38 0.00	46.85 -2.29 0.00	38.04 -1.63 0.00	36.79 -1.78 0.00	36.95 -1.46 0.00	37.17 -1.81 0.00	34.95 -1.73 0.00	33.61 -1.79 0.00	36.28 -0.94 0.00	35.78 -0.27 0.00
LONG_LAKE_PHOENIX 24014	24.01 0.26 0.00	27.10 0.29 0.00	24.11 0.23 0.00	24.49 0.28 0.00	24.30 0.31 0.00	33.19 0.59 0.00	31.25 0.45 0.00	37.79 0.53 0.00	38.92 0.41 0.00	47.96 0.60 0.00	39.54 0.39 0.00	40.69 0.37 0.00	35.83 0.24 0.00	44.98 0.09 0.00	54.79 0.06 0.00	49.17 0.02 0.00	39.75 0.09 0.00	38.74 0.17 0.00	38.95 0.54 0.00	39.55 0.57 0.00	37.09 0.42 0.00	35.64 0.24 0.00	37.63 0.42 0.00	36.51 0.46 0.00
LOVETT___3 23632	24.62 0.87 0.00	27.68 0.86 0.00	24.54 0.66 0.00	24.88 0.67 0.00	24.59 0.60 0.00	33.47 0.88 0.00	31.70 0.90 0.00	38.35 1.09 0.00	39.32 0.81 0.00	48.26 0.91 0.00	40.09 0.94 0.00	41.53 1.22 0.00	36.81 1.23 0.00	45.94 1.05 0.00	56.12 1.40 0.00	50.77 1.62 0.00	40.97 1.30 0.00	39.78 1.21 0.00	39.96 1.55 0.00	40.58 1.59 0.00	37.94 1.26 0.00	36.37 0.97 0.00	38.02 0.80 0.00	36.79 0.74 0.00
LOVETT___4 23642	24.62 0.87 0.00	27.68 0.86 0.00	24.54 0.66 0.00	24.88 0.67 0.00	24.59 0.60 0.00	33.47 0.88 0.00	31.70 0.90 0.00	38.35 1.09 0.00	39.32 0.81 0.00	48.26 0.91 0.00	40.09 0.94 0.00	41.53 1.22 0.00	36.81 1.23 0.00	45.94 1.05 0.00	56.12 1.40 0.00	50.77 1.62 0.00	40.97 1.30 0.00	39.78 1.21 0.00	39.96 1.55 0.00	40.58 1.59 0.00	37.94 1.26 0.00	36.37 0.97 0.00	38.02 0.80 0.00	36.79 0.74 0.00
LOVETT___5 23593	24.62 0.87 0.00	27.68 0.86 0.00	24.54 0.66 0.00	24.88 0.67 0.00	24.59 0.60 0.00	33.47 0.88 0.00	31.70 0.90 0.00	38.35 1.09 0.00	39.32 0.81 0.00	48.26 0.91 0.00	40.09 0.94 0.00	41.53 1.22 0.00	36.81 1.23 0.00	45.94 1.05 0.00	56.12 1.40 0.00	50.77 1.62 0.00	40.97 1.30 0.00	39.78 1.21 0.00	39.96 1.55 0.00	40.58 1.59 0.00	37.94 1.26 0.00	36.37 0.97 0.00	38.02 0.80 0.00	36.79 0.74 0.00
LOWER RAQUET___HYD 24057	29.04 -0.45 -5.74	32.52 -0.43 -6.14	29.29 -0.36 -5.77	29.85 -0.33 -5.97	29.52 -0.30 -5.83	39.24 -0.22 -6.87	37.33 -0.13 -6.66	39.72 -0.06 -2.52	38.56 0.05 0.00	47.18 -0.17 0.00	38.98 -0.18 0.00	39.86 -0.46 0.00	34.95 -0.64 0.00	44.09 -0.80 0.00	53.44 -1.28 0.00	47.86 -1.28 0.00	38.61 -1.06 0.00	37.92 -0.64 0.00	37.72 -0.69 0.00	38.50 -0.48 0.00	36.44 -0.23 0.00	35.51 0.11 0.00	37.68 0.46 0.00	36.62 0.57 0.00
LOWER___HUDSON 24059	24.65 0.90 0.00	27.76 0.94 0.00	24.71 0.83 0.00	24.96 0.74 0.00	24.77 0.78 0.00	33.47 0.88 0.00	31.62 0.82 0.00	38.18 0.92 0.00	39.52 1.01 0.00	48.71 1.35 0.00	40.33 1.17 0.00	41.55 1.23 0.00	36.72 1.13 0.00	46.16 1.27 0.00	56.27 1.54 0.00	50.87 1.73 0.00	40.86 1.19 0.00	39.66 1.10 0.00	39.66 1.25 0.00	40.29 1.32 0.00	37.94 1.26 0.00	36.39 0.99 0.00	38.00 0.78 0.00	36.74 0.69 0.00
LOWVILLE_115KV_TB2 356335	25.15 -0.28 -1.68	28.16 -0.45 -1.80	25.26 -0.31 -1.69	25.77 -0.19 -1.75	25.77 0.08 -1.71	35.53 0.93 -2.01	33.69 0.94 -1.95	39.12 1.13 -0.74	39.85 1.34 0.00	49.13 1.77 0.00	40.47 1.31 0.00	41.28 0.96 0.00	36.22 0.63 0.00	45.44 0.55 0.00	55.23 0.51 0.00	49.55 0.40 0.00	40.20 0.53 0.00	39.54 0.98 0.00	39.91 1.50 0.00	40.80 1.82 0.00	38.13 1.45 0.00	36.43 1.03 0.00	38.10 0.88 0.00	36.90 0.85 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.99 1.24 0.00	28.17 1.35 0.00	25.07 1.18 0.00	25.34 1.12 0.00	25.14 1.15 0.00	34.06 1.47 0.00	32.22 1.42 0.00	38.96 1.70 0.00	40.26 1.75 0.00	49.67 2.31 0.00	41.11 1.96 0.00	42.34 2.02 0.00	37.41 1.82 0.00	47.05 2.17 0.00	57.35 2.63 0.00	51.82 2.68 0.00	41.74 2.08 0.00	40.54 1.97 0.00	40.54 2.13 0.00	41.15 2.17 0.00	38.70 2.02 0.00	37.09 1.69 0.00	38.71 1.49 0.00	37.41 1.36 0.00

LUTHERNY_35_KV_BK2 355980	25.00 1.25 0.00	28.16 1.34 0.00	25.07 1.18 0.00	25.34 1.12 0.00	25.13 1.14 0.00	34.08 1.49 0.00	32.22 1.43 0.00	39.03 1.77 0.00	40.24 1.73 0.00	49.74 2.39 0.00	41.12 1.97 0.00	42.35 2.03 0.00	37.42 1.83 0.00	47.10 2.21 0.00	57.39 2.66 0.00	51.80 2.66 0.00	41.76 2.09 0.00	40.54 1.98 0.00	40.56 2.15 0.00	41.17 2.19 0.00	38.70 2.03 0.00	37.10 1.71 0.00	38.70 1.48 0.00	37.43 1.38 0.00
LWR___OSWEGATCHIE_HYD 23850	27.35 -0.32 -3.92	30.61 -0.40 -4.19	27.52 -0.30 -3.94	28.07 -0.22 -4.07	27.89 -0.07 -3.98	37.69 0.41 -4.69	35.80 0.46 -4.55	39.59 0.61 -1.72	39.27 0.76 0.00	48.22 0.87 0.00	39.75 0.59 0.00	40.55 0.23 0.00	35.54 -0.05 0.00	44.67 -0.22 0.00	54.22 -0.50 0.00	48.63 -0.51 0.00	39.37 -0.30 0.00	38.74 0.17 0.00	38.87 0.46 0.00	39.72 0.74 0.00	37.33 0.65 0.00	36.03 0.63 0.00	37.95 0.74 0.00	36.82 0.76 0.00
LYONS_FALL_HYD 23570	24.91 0.03 -1.13	27.97 -0.05 -1.21	25.02 0.01 -1.13	25.47 0.08 -1.17	25.39 0.26 -1.14	34.85 0.91 -1.35	33.04 0.94 -1.31	38.88 1.13 -0.49	39.77 1.26 0.00	49.02 1.66 0.00	40.42 1.27 0.00	41.38 1.06 0.00	36.38 0.80 0.00	45.73 0.84 0.00	55.62 0.89 0.00	49.93 0.79 0.00	40.45 0.78 0.00	39.60 1.03 0.00	39.83 1.42 0.00	40.60 1.62 0.00	38.01 1.34 0.00	36.40 1.00 0.00	38.10 0.88 0.00	36.89 0.84 0.00
MADISON___COUNTY_LFGE 323628	24.25 0.50 0.00	27.35 0.53 0.00	24.35 0.47 0.00	24.71 0.49 0.00	24.55 0.57 0.00	33.59 0.99 0.00	31.83 1.03 0.00	38.55 1.29 0.00	39.80 1.30 0.00	49.05 1.69 0.00	40.48 1.32 0.00	41.65 1.33 0.00	36.71 1.13 0.00	46.22 1.33 0.00	56.28 1.55 0.00	50.62 1.47 0.00	40.95 1.29 0.00	39.84 1.27 0.00	39.92 1.51 0.00	40.52 1.54 0.00	38.00 1.32 0.00	36.46 1.07 0.00	38.24 1.02 0.00	37.02 0.97 0.00
MALONE___115KV_TB1 356076	48.65 -0.92 -25.83	53.45 -0.96 -27.59	48.97 -0.85 -25.94	50.21 -0.84 -26.83	49.34 -0.84 -26.19	62.45 -1.03 -30.89	59.89 -0.85 -29.94	47.79 -0.80 -11.33	37.84 -0.67 0.00	46.61 -0.74 0.00	38.73 -0.42 0.00	39.88 -0.44 0.00	34.99 -0.59 0.00	44.16 -0.73 0.00	53.53 -1.19 0.00	48.08 -1.07 0.00	39.04 -0.63 0.00	38.39 -0.17 0.00	38.11 -0.30 0.00	38.82 -0.15 0.00	36.81 0.14 0.00	35.81 0.41 0.00	37.87 0.65 0.00	36.65 0.60 0.00
MAPLEWOD_115KV_TB3 80458	24.45 0.69 0.00	27.54 0.72 0.00	24.52 0.64 0.00	24.78 0.56 0.00	24.58 0.59 0.00	33.24 0.65 0.00	31.44 0.64 0.00	37.99 0.73 0.00	39.42 0.90 0.00	48.62 1.26 0.00	40.18 1.03 0.00	41.35 1.04 0.00	36.56 0.98 0.00	45.95 1.06 0.00	55.98 1.25 0.00	50.58 1.44 0.00	40.66 1.00 0.00	39.46 0.90 0.00	39.45 1.04 0.00	40.09 1.11 0.00	37.70 1.03 0.00	36.19 0.79 0.00	37.85 0.63 0.00	36.61 0.56 0.00
MAPLE_RIDGE_WT_1 323574	22.67 -1.07 0.00	25.68 -1.14 0.00	23.00 -0.88 0.00	23.37 -0.85 0.00	23.24 -0.75 0.00	31.80 -0.79 0.00	30.07 -0.73 0.00	36.45 -0.81 0.00	37.82 -0.69 0.00	46.62 -0.73 0.00	38.55 -0.61 0.00	39.68 -0.64 0.00	35.03 -0.55 0.00	44.40 -0.49 0.00	54.09 -0.63 0.00	48.50 -0.64 0.00	39.17 -0.50 0.00	38.24 -0.33 0.00	38.03 -0.38 0.00	38.63 -0.35 0.00	36.35 -0.33 0.00	35.14 -0.26 0.00	36.92 -0.30 0.00	35.72 -0.33 0.00
MAPLE_RIDGE_WT_2 323611	22.67 -1.07 0.00	25.68 -1.14 0.00	23.00 -0.88 0.00	23.37 -0.85 0.00	23.24 -0.75 0.00	31.80 -0.79 0.00	30.07 -0.73 0.00	36.45 -0.81 0.00	37.82 -0.69 0.00	46.62 -0.73 0.00	38.55 -0.61 0.00	39.68 -0.64 0.00	35.03 -0.55 0.00	44.40 -0.49 0.00	54.09 -0.63 0.00	48.50 -0.64 0.00	39.17 -0.50 0.00	38.24 -0.33 0.00	38.03 -0.38 0.00	38.63 -0.35 0.00	36.35 -0.33 0.00	35.14 -0.26 0.00	36.92 -0.30 0.00	35.72 -0.33 0.00
MARBLE_RIVER_WT_PWR 323696	-21.00 -1.36 43.39	-21.00 -1.46 46.36	-21.00 -1.30 43.59	-22.16 -1.30 45.08	-21.33 -1.30 44.01	-21.00 -1.69 51.91	-21.00 -1.49 50.31	16.65 -1.58 19.03	37.05 -1.47 0.00	45.74 -1.62 0.00	38.10 -1.05 0.00	39.36 -0.96 0.00	34.62 -0.96 0.00	43.64 -1.25 0.00	52.91 -1.82 0.00	47.58 -1.57 0.00	38.69 -0.97 0.00	38.06 -0.51 0.00	37.80 -0.61 0.00	38.41 -0.57 0.00	36.48 -0.19 0.00	35.47 0.08 0.00	37.52 0.30 0.00	36.33 0.28 0.00
MARSHVLE_115KV_TB1 80742	24.99 1.24 0.00	28.22 1.40 0.00	25.15 1.27 0.00	25.55 1.33 0.00	25.33 1.34 0.00	34.65 2.06 0.00	32.92 2.13 0.00	39.94 2.68 0.00	41.10 2.59 0.00	50.54 3.18 0.00	41.61 2.45 0.00	42.89 2.58 0.00	37.66 2.07 0.00	47.40 2.51 0.00	57.57 2.85 0.00	51.82 2.67 0.00	42.22 2.56 0.00	41.10 2.54 0.00	41.07 2.66 0.00	41.61 2.63 0.00	39.02 2.35 0.00	37.53 2.13 0.00	39.49 2.27 0.00	38.24 2.19 0.00
MARSH_HILL_WT_PWR 323713	23.29 -0.46 0.00	26.34 -0.48 0.00	23.17 -0.72 0.00	24.15 -0.07 0.00	24.03 0.04 0.00	33.89 1.29 0.00	31.59 0.79 0.00	39.21 1.95 0.00	39.84 1.33 0.00	49.60 2.24 0.00	40.47 1.31 0.00	41.87 1.55 0.00	37.06 1.47 0.00	46.33 1.44 0.00	56.93 2.21 0.00	51.18 2.03 0.00	41.66 1.99 0.00	40.11 1.54 0.00	40.76 2.36 0.00	41.11 2.14 0.00	38.48 1.80 0.00	36.74 1.34 0.00	38.77 1.55 0.00	37.79 1.74 0.00
MCINTYRE_115KV_TB2 80467	28.23 0.01 -4.47	31.71 0.12 -4.77	28.51 0.14 -4.49	29.02 0.16 -4.64	28.69 0.17 -4.53	38.31 0.37 -5.34	36.45 0.48 -5.18	39.92 0.71 -1.96	39.31 0.79 0.00	48.11 0.75 0.00	39.59 0.43 0.00	40.14 -0.17 0.00	35.17 -0.41 0.00	44.58 -0.30 0.00	54.16 -0.56 0.00	48.59 -0.56 0.00	39.32 -0.35 0.00	38.74 0.18 0.00	38.59 0.18 0.00	39.53 0.54 0.00	37.34 0.66 0.00	36.33 0.94 0.00	38.45 1.23 0.00	37.27 1.22 0.00
MECO_____69_KV_BK1 80468	25.20 1.46 0.00	28.43 1.61 0.00	25.31 1.43 0.00	25.67 1.45 0.00	25.46 1.47 0.00	34.75 2.16 0.00	33.03 2.23 0.00	40.09 2.83 0.00	41.30 2.79 0.00	50.82 3.46 0.00	41.94 2.79 0.00	43.21 2.89 0.00	37.88 2.30 0.00	47.59 2.71 0.00	57.82 3.10 0.00	52.27 3.13 0.00	42.56 2.89 0.00	41.43 2.87 0.00	41.43 3.02 0.00	42.04 3.06 0.00	39.44 2.76 0.00	37.83 2.43 0.00	39.66 2.44 0.00	38.33 2.28 0.00
MENANDS___115KV_TB5 355628	24.29 0.54 0.00	27.37 0.55 0.00	24.37 0.49 0.00	24.63 0.41 0.00	24.43 0.45 0.00	33.03 0.43 0.00	31.22 0.43 0.00	37.71 0.45 0.00	39.15 0.64 0.00	48.30 0.95 0.00	39.93 0.77 0.00	41.06 0.75 0.00	36.31 0.73 0.00	45.64 0.75 0.00	55.60 0.87 0.00	50.25 1.10 0.00	40.37 0.71 0.00	39.17 0.61 0.00	39.17 0.76 0.00	39.79 0.81 0.00	37.43 0.76 0.00	35.93 0.53 0.00	37.59 0.37 0.00	36.38 0.33 0.00
MG INDUSTRY___DRP 24185	24.34 0.59 0.00	27.44 0.62 0.00	24.45 0.57 0.00	24.73 0.51 0.00	24.52 0.54 0.00	33.17 0.58 0.00	31.36 0.56 0.00	37.86 0.60 0.00	39.22 0.71 0.00	48.37 1.01 0.00	39.93 0.77 0.00	41.05 0.74 0.00	36.28 0.70 0.00	45.65 0.76 0.00	55.60 0.87 0.00	50.18 1.04 0.00	40.40 0.74 0.00	39.20 0.63 0.00	39.18 0.77 0.00	39.79 0.81 0.00	37.44 0.76 0.00	35.98 0.58 0.00	37.72 0.50 0.00	36.55 0.50 0.00

MID___OSWEGATCHIE_HYD 23849	27.35 -0.32 -3.92	30.61 -0.40 -4.19	27.52 -0.30 -3.94	28.07 -0.22 -4.07	27.89 -0.07 -3.98	37.69 0.41 -4.69	35.80 0.46 -4.55	39.59 0.61 -1.72	39.27 0.76 0.00	48.22 0.87 0.00	39.75 0.59 0.00	40.55 0.23 0.00	35.54 -0.05 0.00	44.67 -0.22 0.00	54.22 -0.50 0.00	48.63 -0.51 0.00	39.37 -0.30 0.00	38.74 0.17 0.00	38.87 0.46 0.00	39.72 0.74 0.00	37.33 0.65 0.00	36.03 0.63 0.00	37.95 0.74 0.00	36.82 0.76 0.00
MID___RAQUETTE_HYD 23851	29.04 -0.45 -5.74	32.52 -0.44 -6.14	29.29 -0.36 -5.77	29.85 -0.33 -5.97	29.52 -0.30 -5.83	39.24 -0.22 -6.87	37.32 -0.13 -6.66	39.72 -0.06 -2.52	38.56 0.05 0.00	47.18 -0.17 0.00	38.98 -0.18 0.00	39.86 -0.46 0.00	34.95 -0.64 0.00	44.09 -0.80 0.00	53.44 -1.29 0.00	47.86 -1.29 0.00	38.61 -1.06 0.00	37.93 -0.64 0.00	37.72 -0.69 0.00	38.50 -0.48 0.00	36.44 -0.23 0.00	35.51 0.11 0.00	37.68 0.46 0.00	36.62 0.57 0.00
MILLIKEN___1 23584	24.25 0.50 0.00	27.42 0.60 0.00	24.38 0.50 0.00	24.79 0.57 0.00	24.56 0.57 0.00	33.59 1.00 0.00	31.74 0.94 0.00	38.56 1.30 0.00	39.65 1.13 0.00	48.90 1.55 0.00	40.30 1.14 0.00	41.66 1.34 0.00	36.61 1.03 0.00	45.97 1.08 0.00	56.10 1.37 0.00	50.45 1.30 0.00	40.93 1.27 0.00	39.81 1.24 0.00	39.99 1.58 0.00	40.46 1.48 0.00	37.97 1.29 0.00	36.39 0.99 0.00	38.23 1.01 0.00	37.04 0.99 0.00
MILLIKEN___2 23585	24.25 0.50 0.00	27.42 0.60 0.00	24.38 0.50 0.00	24.79 0.57 0.00	24.56 0.57 0.00	33.59 1.00 0.00	31.74 0.94 0.00	38.56 1.30 0.00	39.65 1.13 0.00	48.90 1.55 0.00	40.30 1.14 0.00	41.66 1.34 0.00	36.61 1.03 0.00	45.97 1.08 0.00	56.10 1.37 0.00	50.45 1.30 0.00	40.93 1.27 0.00	39.81 1.24 0.00	39.99 1.58 0.00	40.46 1.48 0.00	37.97 1.29 0.00	36.39 0.99 0.00	38.23 1.01 0.00	37.04 0.99 0.00
MILLIKEN___DIESEL 23629	24.25 0.50 0.00	27.42 0.60 0.00	24.38 0.50 0.00	24.79 0.57 0.00	24.56 0.57 0.00	33.59 1.00 0.00	31.74 0.94 0.00	38.56 1.30 0.00	39.65 1.13 0.00	48.90 1.55 0.00	40.30 1.14 0.00	41.66 1.34 0.00	36.61 1.03 0.00	45.97 1.08 0.00	56.10 1.37 0.00	50.45 1.30 0.00	40.93 1.27 0.00	39.81 1.24 0.00	39.99 1.58 0.00	40.46 1.48 0.00	37.97 1.29 0.00	36.39 0.99 0.00	38.23 1.01 0.00	37.04 0.99 0.00
MILLSEAT___LFGE 323607	24.17 0.42 0.00	27.76 0.94 0.00	24.50 0.61 0.00	25.06 0.84 0.00	24.75 0.76 0.00	34.16 1.57 0.00	31.57 0.77 0.00	37.78 0.52 0.00	38.28 -0.23 0.00	47.48 0.12 0.00	38.72 -0.43 0.00	39.75 -0.56 0.00	34.69 -0.89 0.00	43.60 -1.29 0.00	53.40 -1.32 0.00	47.88 -1.26 0.00	38.89 -0.78 0.00	37.72 -0.85 0.00	37.96 -0.45 0.00	38.26 -0.72 0.00	35.94 -0.74 0.00	34.51 -0.89 0.00	37.07 -0.15 0.00	36.43 0.38 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.69 0.94 0.00	27.81 0.99 0.00	24.72 0.83 0.00	25.03 0.81 0.00	24.76 0.78 0.00	33.65 1.06 0.00	31.90 1.10 0.00	38.57 1.31 0.00	39.66 1.15 0.00	48.79 1.44 0.00	40.54 1.39 0.00	41.95 1.64 0.00	37.20 1.62 0.00	46.49 1.60 0.00	56.73 2.01 0.00	51.32 2.18 0.00	41.43 1.77 0.00	40.24 1.67 0.00	40.33 1.92 0.00	40.96 1.97 0.00	38.34 1.67 0.00	36.79 1.39 0.00	38.46 1.24 0.00	37.22 1.17 0.00
MILLWOOD_13_KV_LOAD 356217	24.75 1.00 0.00	27.87 1.06 0.00	24.77 0.89 0.00	25.09 0.87 0.00	24.82 0.83 0.00	33.73 1.14 0.00	31.99 1.19 0.00	38.68 1.42 0.00	39.79 1.28 0.00	48.94 1.58 0.00	40.68 1.52 0.00	42.08 1.76 0.00	37.32 1.74 0.00	46.64 1.75 0.00	56.92 2.20 0.00	51.49 2.34 0.00	41.56 1.90 0.00	40.36 1.80 0.00	40.46 2.05 0.00	41.09 2.11 0.00	38.47 1.79 0.00	36.90 1.50 0.00	38.57 1.35 0.00	37.33 1.28 0.00
MODEL_CITY_ENERGY 24167	23.49 -0.26 0.00	27.05 0.23 0.00	23.87 -0.01 0.00	24.44 0.22 0.00	24.14 0.15 0.00	33.31 0.71 0.00	30.60 -0.19 0.00	36.40 -0.86 0.00	36.81 -1.70 0.00	45.65 -1.70 0.00	37.26 -1.90 0.00	38.22 -2.10 0.00	33.51 -2.07 0.00	42.19 -2.70 0.00	51.69 -3.04 0.00	46.25 -2.89 0.00	37.54 -2.12 0.00	36.32 -2.25 0.00	36.45 -1.96 0.00	36.67 -2.31 0.00	34.48 -2.20 0.00	33.18 -2.22 0.00	35.89 -1.33 0.00	35.45 -0.61 0.00
MODERN_LFGE___ 323580	23.49 -0.26 0.00	27.05 0.23 0.00	23.87 -0.01 0.00	24.44 0.22 0.00	24.14 0.15 0.00	33.31 0.71 0.00	30.60 -0.19 0.00	36.40 -0.86 0.00	36.81 -1.70 0.00	45.65 -1.70 0.00	37.26 -1.90 0.00	38.22 -2.10 0.00	33.51 -2.07 0.00	42.19 -2.70 0.00	51.69 -3.04 0.00	46.25 -2.89 0.00	37.54 -2.12 0.00	36.32 -2.25 0.00	36.45 -1.96 0.00	36.67 -2.31 0.00	34.48 -2.20 0.00	33.18 -2.22 0.00	35.89 -1.33 0.00	35.45 -0.61 0.00
MOHAWK_PAPER___DRP 24187	24.45 0.69 0.00	27.54 0.72 0.00	24.52 0.64 0.00	24.78 0.56 0.00	24.58 0.59 0.00	33.24 0.65 0.00	31.44 0.64 0.00	37.99 0.73 0.00	39.42 0.90 0.00	48.62 1.26 0.00	40.18 1.03 0.00	41.35 1.04 0.00	36.56 0.98 0.00	45.95 1.06 0.00	55.98 1.25 0.00	50.58 1.44 0.00	40.66 1.00 0.00	39.46 0.90 0.00	39.45 1.04 0.00	40.09 1.11 0.00	37.70 1.03 0.00	36.19 0.79 0.00	37.85 0.63 0.00	36.61 0.56 0.00
MOHICAN___35_KV_115KV_LD 80490	25.38 1.63 0.00	28.64 1.82 0.00	25.43 1.55 0.00	25.67 1.46 0.00	25.47 1.49 0.00	34.55 1.96 0.00	32.69 1.90 0.00	39.50 2.24 0.00	40.86 2.35 0.00	50.44 3.09 0.00	41.80 2.64 0.00	43.05 2.74 0.00	38.01 2.43 0.00	47.83 2.94 0.00	58.38 3.66 0.00	52.87 3.73 0.00	42.60 2.93 0.00	41.37 2.81 0.00	41.40 2.99 0.00	41.96 2.98 0.00	39.43 2.75 0.00	37.71 2.31 0.00	39.21 1.99 0.00	37.85 1.80 0.00
MONGAUP___HYD 23641	24.70 0.95 0.00	27.82 1.00 0.00	24.71 0.82 0.00	25.03 0.81 0.00	24.76 0.77 0.00	33.67 1.08 0.00	31.92 1.13 0.00	38.70 1.44 0.00	39.81 1.31 0.00	48.95 1.60 0.00	40.58 1.42 0.00	41.90 1.58 0.00	37.14 1.56 0.00	46.38 1.50 0.00	56.67 1.95 0.00	51.10 1.95 0.00	41.22 1.56 0.00	39.99 1.42 0.00	40.19 1.78 0.00	40.87 1.89 0.00	38.31 1.63 0.00	36.79 1.39 0.00	38.49 1.27 0.00	37.22 1.17 0.00
MONTAUK___DIESEL 23721	24.86 1.11 0.00	28.06 1.24 0.00	24.82 0.94 0.00	25.12 0.90 0.00	24.89 0.90 0.00	33.51 0.92 0.00	31.91 1.11 0.00	38.25 0.99 0.00	38.97 0.46 0.00	47.36 0.01 0.00	39.17 0.01 0.00	40.90 0.59 0.00	36.66 1.08 0.00	46.06 1.17 0.00	55.73 1.00 0.00	50.64 1.50 0.00	40.21 0.54 0.00	39.15 0.58 0.00	39.08 0.67 0.00	39.78 0.80 0.00	37.17 0.49 0.00	35.64 0.24 0.00	36.99 -0.23 0.00	35.98 -0.08 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.38 0.63 0.00	28.20 1.39 0.00	24.80 0.92 0.00	25.54 1.32 0.00	25.28 1.30 0.00	35.02 2.43 0.00	32.79 1.99 0.00	39.79 2.53 0.00	40.31 1.80 0.00	50.05 2.69 0.00	40.75 1.59 0.00	42.12 1.81 0.00	36.85 1.26 0.00	46.35 1.46 0.00	56.61 1.88 0.00	50.18 1.04 0.00	40.08 0.41 0.00	38.51 -0.06 0.00	38.88 0.46 0.00	38.99 0.01 0.00	36.42 -0.26 0.00	34.78 -0.62 0.00	37.31 0.09 0.00	37.07 1.02 0.00

MORRIS RIDGE___SOLAR 323848	23.74 -0.01 0.00	27.24 0.42 0.00	24.05 0.17 0.00	24.76 0.54 0.00	24.48 0.49 0.00	33.65 1.06 0.00	31.31 0.51 0.00	37.87 0.60 0.00	38.42 -0.09 0.00	47.59 0.23 0.00	38.91 -0.25 0.00	40.12 -0.19 0.00	35.22 -0.36 0.00	44.33 -0.56 0.00	54.30 -0.42 0.00	48.64 -0.51 0.00	39.42 -0.25 0.00	38.08 -0.49 0.00	38.37 -0.04 0.00	38.66 -0.31 0.00	36.32 -0.36 0.00	34.81 -0.59 0.00	37.09 -0.13 0.00	36.35 0.30 0.00
MORTIMER_115KV_TB3 55949	23.92 0.17 0.00	27.36 0.54 0.00	24.22 0.33 0.00	24.69 0.48 0.00	24.41 0.43 0.00	33.53 0.93 0.00	31.21 0.41 0.00	37.48 0.22 0.00	38.19 -0.32 0.00	47.28 -0.08 0.00	38.68 -0.47 0.00	39.74 -0.58 0.00	34.81 -0.77 0.00	43.84 -1.05 0.00	53.68 -1.04 0.00	48.20 -0.94 0.00	39.10 -0.57 0.00	37.91 -0.66 0.00	38.07 -0.34 0.00	38.40 -0.58 0.00	36.12 -0.56 0.00	34.70 -0.70 0.00	36.90 -0.32 0.00	36.04 -0.01 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.85 1.10 0.00	27.96 1.15 0.00	24.85 0.97 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.84 1.25 0.00	32.10 1.30 0.00	38.83 1.57 0.00	39.91 1.40 0.00	49.12 1.77 0.00	40.84 1.68 0.00	42.25 1.94 0.00	37.49 1.91 0.00	46.82 1.93 0.00	57.14 2.42 0.00	51.72 2.57 0.00	41.75 2.08 0.00	40.56 2.00 0.00	40.65 2.24 0.00	41.28 2.30 0.00	38.64 1.96 0.00	37.08 1.68 0.00	38.78 1.56 0.00	37.52 1.47 0.00
MUNSVILLE_WIND_PWR 323609	24.61 0.85 0.00	27.63 0.81 0.00	24.84 0.96 0.00	25.12 0.90 0.00	24.96 0.97 0.00	34.49 1.90 0.00	32.61 1.81 0.00	39.77 2.51 0.00	41.12 2.61 0.00	51.00 3.65 0.00	42.11 2.95 0.00	43.80 3.48 0.00	38.36 2.77 0.00	48.11 3.22 0.00	58.78 4.06 0.00	52.95 3.81 0.00	43.30 3.63 0.00	42.17 3.60 0.00	42.47 4.06 0.00	42.95 3.97 0.00	40.17 3.49 0.00	38.18 2.79 0.00	40.03 2.81 0.00	38.86 2.81 0.00
N SALMON___HYD 24042	48.65 -0.93 -25.83	53.45 -0.96 -27.59	48.97 -0.85 -25.94	50.20 -0.84 -26.83	49.34 -0.84 -26.19	62.45 -1.03 -30.89	59.88 -0.85 -29.94	47.79 -0.80 -11.33	37.84 -0.67 0.00	46.61 -0.74 0.00	38.73 -0.42 0.00	39.88 -0.44 0.00	34.99 -0.59 0.00	44.16 -0.73 0.00	53.53 -1.19 0.00	48.08 -1.07 0.00	39.04 -0.63 0.00	38.39 -0.17 0.00	38.11 -0.30 0.00	38.82 -0.15 0.00	36.81 0.14 0.00	35.81 0.41 0.00	37.87 0.65 0.00	36.65 0.59 0.00
N.AKRON__115KV_KNAPP 355671	24.09 0.34 0.00	27.68 0.86 0.00	24.42 0.53 0.00	24.98 0.77 0.00	24.68 0.69 0.00	34.06 1.47 0.00	31.44 0.64 0.00	37.59 0.32 0.00	38.07 -0.44 0.00	47.21 -0.15 0.00	38.52 -0.64 0.00	39.52 -0.79 0.00	34.54 -1.05 0.00	43.43 -1.46 0.00	53.21 -1.52 0.00	47.68 -1.47 0.00	38.71 -0.96 0.00	37.52 -1.05 0.00	37.75 -0.66 0.00	38.01 -0.97 0.00	35.70 -0.98 0.00	34.30 -1.10 0.00	36.91 -0.31 0.00	36.31 0.26 0.00
N.BELMOR_69_KV_BK1 55787	25.12 1.38 0.00	28.25 1.43 0.00	25.04 1.16 0.00	25.37 1.16 0.00	25.05 1.07 0.00	34.01 1.42 0.00	32.28 1.49 0.00	38.82 1.56 0.00	39.97 1.46 0.00	49.02 1.66 0.00	40.75 1.59 0.00	42.41 2.09 0.00	37.69 2.11 0.00	47.15 2.26 0.00	57.40 2.67 0.00	51.75 2.61 0.00	41.90 2.24 0.00	40.74 2.17 0.00	40.77 2.36 0.00	41.39 2.40 0.00	38.80 2.12 0.00	37.40 2.00 0.00	39.01 1.79 0.00	37.93 1.88 0.00
N.E_GEN_SANDY PD 24062	24.94 0.80 -0.40	27.63 0.81 0.00	24.59 0.70 0.00	24.84 0.62 0.00	24.64 0.65 0.00	33.27 0.68 0.00	31.44 0.64 0.00	37.94 0.68 0.00	39.21 0.70 0.00	48.30 0.94 0.00	43.38 0.92 -3.30	41.35 1.04 0.00	36.60 1.01 0.00	45.90 1.01 0.00	55.95 1.22 0.00	51.24 1.52 -0.58	40.47 1.02 0.21	39.51 0.95 0.00	39.10 1.12 0.43	38.67 1.23 1.54	38.30 1.10 -0.52	35.60 0.83 0.63	36.86 0.58 0.94	40.80 0.48 -4.27
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.67 0.92 0.00	27.72 0.90 0.00	24.59 0.70 0.00	24.92 0.70 0.00	24.63 0.64 0.00	33.54 0.95 0.00	31.76 0.96 0.00	38.44 1.17 0.00	39.43 0.92 0.00	48.40 1.05 0.00	40.21 1.06 0.00	41.66 1.34 0.00	36.91 1.33 0.00	46.07 1.18 0.00	56.29 1.56 0.00	50.91 1.77 0.00	41.10 1.43 0.00	39.90 1.34 0.00	40.09 1.68 0.00	40.70 1.73 0.00	38.05 1.38 0.00	36.48 1.08 0.00	38.13 0.91 0.00	36.90 0.85 0.00
N.QUEENS_27_KV_LOAD 356247	24.95 1.20 0.00	28.06 1.25 0.00	24.97 1.09 0.00	25.25 1.03 0.00	24.98 0.99 0.00	34.00 1.41 0.00	32.21 1.41 0.00	38.95 1.69 0.00	40.01 1.50 0.00	49.23 1.88 0.00	40.92 1.76 0.00	42.34 2.03 0.00	37.61 2.03 0.00	46.92 2.03 0.00	57.30 2.58 0.00	51.85 2.71 0.00	41.84 2.17 0.00	40.67 2.11 0.00	40.67 2.25 0.00	41.30 2.32 0.00	38.59 1.91 0.00	37.05 1.65 0.00	38.80 1.58 0.00	37.53 1.48 0.00
N.TROY___115KV_TB1 355778	24.65 0.90 0.00	27.76 0.94 0.00	24.71 0.83 0.00	24.96 0.74 0.00	24.77 0.78 0.00	33.47 0.88 0.00	31.62 0.82 0.00	38.18 0.92 0.00	39.52 1.01 0.00	48.71 1.36 0.00	40.33 1.17 0.00	41.55 1.23 0.00	36.72 1.13 0.00	46.16 1.28 0.00	56.27 1.54 0.00	50.87 1.73 0.00	40.86 1.20 0.00	39.66 1.10 0.00	39.66 1.25 0.00	40.29 1.31 0.00	37.94 1.26 0.00	36.38 0.98 0.00	38.00 0.78 0.00	36.74 0.69 0.00
NARROWS_GT1_1 24228	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NARROWS_GT1_2 24229	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NARROWS_GT1_3 24230	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NARROWS_GT1_4 24231	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00

NARROWS_GT1_5 24232	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NARROWS_GT1_6 24233	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NARROWS_GT1_7 24234	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NARROWS_GT1_8 24235	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NARROWS_GT2_1 24236	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NARROWS_GT2_2 24237	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NARROWS_GT2_3 24238	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NARROWS_GT2_4 24239	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NARROWS_GT2_5 24240	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NARROWS_GT2_6 24241	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NARROWS_GT2_7 24242	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NARROWS_GT2_8 24243	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.36 2.05 0.00	37.63 2.05 0.00	46.82 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.36 2.38 0.00	38.77 2.09 0.00	37.25 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.72 0.97 0.00	27.85 1.03 0.00	24.81 0.92 0.00	25.06 0.85 0.00	24.89 0.90 0.00	33.67 1.08 0.00	31.87 1.08 0.00	38.56 1.30 0.00	40.18 1.67 0.00	49.67 2.31 0.00	40.91 1.75 0.00	41.94 1.62 0.00	37.04 1.45 0.00	46.58 1.69 0.00	56.82 2.10 0.00	51.27 2.13 0.00	41.24 1.58 0.00	40.01 1.44 0.00	40.02 1.60 0.00	40.62 1.64 0.00	38.18 1.50 0.00	36.61 1.21 0.00	38.27 1.06 0.00	37.11 1.06 0.00
NCHELSEA_115KV_TR2 355582	24.82 1.08 0.00	27.96 1.14 0.00	24.84 0.96 0.00	25.17 0.96 0.00	24.91 0.92 0.00	33.84 1.25 0.00	32.05 1.26 0.00	38.79 1.53 0.00	39.93 1.43 0.00	49.13 1.78 0.00	40.83 1.67 0.00	42.21 1.90 0.00	37.42 1.83 0.00	46.80 1.91 0.00	57.08 2.36 0.00	51.62 2.47 0.00	41.66 2.00 0.00	40.45 1.88 0.00	40.55 2.14 0.00	41.20 2.23 0.00	38.57 1.89 0.00	36.98 1.59 0.00	38.64 1.42 0.00	37.35 1.30 0.00
NEG CAPITAL___MECHNVIL 23645	24.99 1.24 0.00	28.16 1.35 0.00	25.05 1.17 0.00	25.33 1.11 0.00	25.14 1.15 0.00	34.03 1.44 0.00	32.20 1.41 0.00	38.95 1.69 0.00	40.26 1.75 0.00	49.68 2.32 0.00	41.14 1.98 0.00	42.36 2.05 0.00	37.42 1.84 0.00	47.08 2.19 0.00	57.39 2.67 0.00	51.86 2.72 0.00	41.77 2.10 0.00	40.56 1.99 0.00	40.57 2.16 0.00	41.19 2.21 0.00	38.72 2.04 0.00	37.11 1.71 0.00	38.72 1.51 0.00	37.42 1.37 0.00

NEG CENTRAL_HIGH_ACRES 23767	23.54 -0.21 0.00	26.87 0.05 0.00	23.80 -0.09 0.00	24.25 0.04 0.00	24.00 0.02 0.00	32.96 0.37 0.00	30.77 -0.03 0.00	37.00 -0.26 0.00	37.78 -0.73 0.00	46.73 -0.63 0.00	38.28 -0.88 0.00	39.35 -0.97 0.00	34.52 -1.07 0.00	43.47 -1.42 0.00	53.16 -1.56 0.00	47.77 -1.38 0.00	38.75 -0.92 0.00	37.57 -0.99 0.00	37.69 -0.72 0.00	38.04 -0.94 0.00	35.79 -0.89 0.00	34.36 -1.03 0.00	36.43 -0.79 0.00	35.51 -0.54 0.00
NEG CENTRAL___DRP 24199	23.96 0.21 0.00	27.22 0.40 0.00	24.15 0.27 0.00	24.62 0.40 0.00	24.37 0.38 0.00	33.35 0.76 0.00	31.41 0.61 0.00	37.99 0.73 0.00	38.94 0.43 0.00	48.06 0.71 0.00	39.50 0.34 0.00	40.73 0.42 0.00	35.83 0.25 0.00	44.96 0.07 0.00	54.96 0.23 0.00	49.44 0.30 0.00	40.03 0.36 0.00	38.82 0.25 0.00	38.99 0.58 0.00	39.42 0.44 0.00	37.02 0.35 0.00	35.51 0.12 0.00	37.42 0.20 0.00	36.41 0.36 0.00
NEG CENTRAL___INDECK 23768	24.58 0.83 0.00	28.12 1.31 0.00	24.84 0.96 0.00	25.42 1.20 0.00	25.03 1.04 0.00	33.96 1.37 0.00	31.48 0.68 0.00	38.08 0.82 0.00	38.73 0.22 0.00	47.78 0.43 0.00	39.07 -0.09 0.00	39.87 -0.45 0.00	34.80 -0.78 0.00	43.88 -1.01 0.00	53.55 -1.18 0.00	48.35 -0.80 0.00	39.42 -0.25 0.00	38.32 -0.25 0.00	38.67 0.26 0.00	39.07 0.09 0.00	36.72 0.04 0.00	35.14 -0.26 0.00	37.29 0.07 0.00	37.09 1.04 0.00
NEG CENTRAL___SENECA 23627	24.02 0.27 0.00	27.35 0.53 0.00	24.22 0.33 0.00	24.75 0.53 0.00	24.49 0.50 0.00	33.59 0.99 0.00	31.57 0.77 0.00	38.19 0.93 0.00	39.08 0.56 0.00	48.30 0.95 0.00	39.61 0.45 0.00	40.87 0.55 0.00	35.90 0.31 0.00	45.00 0.11 0.00	55.08 0.35 0.00	49.58 0.44 0.00	40.20 0.53 0.00	38.93 0.37 0.00	39.20 0.78 0.00	39.59 0.60 0.00	37.19 0.51 0.00	35.62 0.22 0.00	37.57 0.35 0.00	36.63 0.57 0.00
NEG CENTRAL___STATE_STREET 24147	23.94 0.19 0.00	27.11 0.29 0.00	24.09 0.21 0.00	24.51 0.29 0.00	24.28 0.29 0.00	33.13 0.54 0.00	31.23 0.43 0.00	37.78 0.52 0.00	38.83 0.33 0.00	47.84 0.49 0.00	39.41 0.25 0.00	40.62 0.30 0.00	35.77 0.19 0.00	44.96 0.07 0.00	54.90 0.17 0.00	49.35 0.21 0.00	39.94 0.28 0.00	38.79 0.22 0.00	38.87 0.46 0.00	39.35 0.37 0.00	36.96 0.28 0.00	35.51 0.11 0.00	37.40 0.18 0.00	36.28 0.23 0.00
NEG MILLWOOD___DRP 24198	24.87 1.12 0.00	28.00 1.18 0.00	24.88 1.00 0.00	25.20 0.99 0.00	24.94 0.95 0.00	33.88 1.28 0.00	32.14 1.34 0.00	38.90 1.64 0.00	40.04 1.54 0.00	49.29 1.94 0.00	40.96 1.81 0.00	42.35 2.03 0.00	37.55 1.96 0.00	46.97 2.08 0.00	57.28 2.56 0.00	51.80 2.66 0.00	41.83 2.16 0.00	40.60 2.04 0.00	40.73 2.32 0.00	41.36 2.38 0.00	38.71 2.04 0.00	37.13 1.73 0.00	38.79 1.57 0.00	37.49 1.44 0.00
NEG NORTH_FLCN_SEA 23793	-21.23 -1.59 43.39	-21.27 -1.73 46.36	-21.26 -1.55 43.59	-22.52 -1.65 45.08	-21.67 -1.64 44.01	-21.40 -2.08 51.91	-21.23 -1.72 50.31	16.52 -1.71 19.03	37.00 -1.51 0.00	45.75 -1.61 0.00	38.18 -0.97 0.00	39.52 -0.80 0.00	34.78 -0.81 0.00	43.68 -1.21 0.00	52.93 -1.79 0.00	47.61 -1.54 0.00	38.77 -0.90 0.00	38.02 -0.54 0.00	37.83 -0.58 0.00	38.47 -0.52 0.00	36.71 0.03 0.00	35.70 0.30 0.00	37.74 0.51 0.00	36.56 0.50 0.00
NEG NORTH_KES_CHATEGAY 23792	-21.02 -1.39 43.39	-21.04 -1.50 46.36	-21.06 -1.36 43.59	-22.31 -1.45 45.08	-21.47 -1.45 44.01	-21.10 -1.79 51.91	-20.93 -1.42 50.31	16.93 -1.29 19.03	37.45 -1.06 0.00	46.27 -1.09 0.00	38.63 -0.53 0.00	39.98 -0.34 0.00	35.12 -0.46 0.00	44.03 -0.86 0.00	53.31 -1.41 0.00	47.95 -1.19 0.00	39.09 -0.58 0.00	38.48 -0.09 0.00	38.31 -0.10 0.00	38.97 0.00 0.00	37.15 0.47 0.00	36.08 0.68 0.00	38.11 0.89 0.00	36.89 0.84 0.00
NEG NORTH___ALICE_FALLS 23915	-21.04 -1.41 43.39	-21.05 -1.52 46.36	-21.07 -1.37 43.59	-22.33 -1.46 45.08	-21.47 -1.45 44.01	-21.13 -1.81 51.91	-20.95 -1.44 50.31	16.91 -1.32 19.03	37.43 -1.08 0.00	46.24 -1.12 0.00	38.61 -0.55 0.00	39.94 -0.37 0.00	35.11 -0.47 0.00	44.01 -0.88 0.00	53.28 -1.44 0.00	47.93 -1.21 0.00	39.06 -0.60 0.00	38.46 -0.11 0.00	38.29 -0.13 0.00	38.95 -0.03 0.00	37.12 0.44 0.00	36.06 0.66 0.00	38.09 0.86 0.00	36.87 0.82 0.00
NEG NORTH___LWR_SARANAC 23913	-21.04 -1.41 43.39	-21.05 -1.52 46.36	-21.07 -1.37 43.59	-22.33 -1.46 45.08	-21.47 -1.45 44.01	-21.13 -1.81 51.91	-20.95 -1.44 50.31	16.91 -1.32 19.03	37.43 -1.08 0.00	46.24 -1.12 0.00	38.61 -0.55 0.00	39.94 -0.37 0.00	35.11 -0.47 0.00	44.01 -0.88 0.00	53.28 -1.44 0.00	47.93 -1.21 0.00	39.06 -0.60 0.00	38.46 -0.11 0.00	38.29 -0.13 0.00	38.95 -0.03 0.00	37.12 0.44 0.00	36.06 0.66 0.00	38.09 0.86 0.00	36.87 0.82 0.00
NEG NORTH___PLATTSBURG 23628	-21.04 -1.40 43.39	-21.06 -1.52 46.36	-21.07 -1.37 43.59	-22.33 -1.47 45.08	-21.48 -1.45 44.01	-21.13 -1.81 51.91	-20.95 -1.44 50.31	16.91 -1.32 19.03	37.43 -1.08 0.00	46.24 -1.12 0.00	38.61 -0.55 0.00	39.94 -0.37 0.00	35.11 -0.47 0.00	44.01 -0.88 0.00	53.28 -1.44 0.00	47.93 -1.21 0.00	39.06 -0.60 0.00	38.46 -0.11 0.00	38.29 -0.12 0.00	38.95 -0.03 0.00	37.12 0.44 0.00	36.06 0.66 0.00	38.08 0.86 0.00	36.87 0.82 0.00
NEG WEST_LEA_LOCKPORT 23791	23.73 -0.02 0.00	27.32 0.51 0.00	24.11 0.22 0.00	24.67 0.46 0.00	24.37 0.38 0.00	33.62 1.03 0.00	30.94 0.14 0.00	36.87 -0.39 0.00	37.30 -1.21 0.00	46.27 -1.09 0.00	37.73 -1.42 0.00	38.72 -1.60 0.00	33.93 -1.65 0.00	42.72 -2.16 0.00	52.35 -2.38 0.00	46.84 -2.30 0.00	38.03 -1.64 0.00	36.79 -1.78 0.00	36.98 -1.44 0.00	37.19 -1.79 0.00	34.95 -1.73 0.00	33.62 -1.78 0.00	36.29 -0.93 0.00	35.78 -0.27 0.00
NEG WEST___LANCASTR 23811	24.19 0.44 0.00	27.88 1.06 0.00	24.55 0.67 0.00	25.14 0.92 0.00	24.81 0.83 0.00	34.15 1.56 0.00	31.60 0.80 0.00	38.08 0.82 0.00	38.48 -0.03 0.00	47.69 0.34 0.00	38.88 -0.28 0.00	40.03 -0.28 0.00	35.03 -0.55 0.00	44.14 -0.75 0.00	54.15 -0.58 0.00	48.46 -0.68 0.00	39.35 -0.32 0.00	37.95 -0.62 0.00	38.27 -0.14 0.00	38.48 -0.50 0.00	36.09 -0.59 0.00	34.49 -0.91 0.00	36.94 -0.28 0.00	36.24 0.19 0.00
NEG_PENN_ALLEGHNY 23528	24.02 0.27 0.00	27.25 0.43 0.00	24.18 0.30 0.00	24.63 0.42 0.00	24.34 0.36 0.00	33.29 0.70 0.00	31.34 0.54 0.00	38.06 0.80 0.00	39.01 0.50 0.00	48.13 0.78 0.00	39.61 0.46 0.00	40.95 0.64 0.00	36.07 0.48 0.00	45.39 0.50 0.00	55.49 0.77 0.00	49.79 0.64 0.00	40.27 0.61 0.00	38.98 0.42 0.00	39.23 0.82 0.00	39.65 0.67 0.00	37.25 0.58 0.00	35.73 0.33 0.00	37.60 0.38 0.00	36.49 0.45 0.00
NEG___GEN_MONROE 24207	24.11 0.36 0.00	27.64 0.83 0.00	24.48 0.60 0.00	24.94 0.73 0.00	24.67 0.68 0.00	34.01 1.42 0.00	31.63 0.83 0.00	37.87 0.60 0.00	38.49 -0.02 0.00	47.65 0.29 0.00	38.95 -0.20 0.00	40.02 -0.30 0.00	35.02 -0.57 0.00	44.00 -0.89 0.00	53.84 -0.88 0.00	48.41 -0.73 0.00	39.29 -0.38 0.00	38.09 -0.48 0.00	38.30 -0.10 0.00	38.66 -0.32 0.00	36.35 -0.33 0.00	34.90 -0.51 0.00	37.15 -0.07 0.00	36.31 0.26 0.00

NEPA__ENERGY 23901	23.96 0.21 0.00	27.69 0.87 0.00	24.28 0.40 0.00	24.98 0.76 0.00	24.57 0.59 0.00	34.00 1.40 0.00	31.56 0.76 0.00	38.36 1.10 0.00	38.69 0.18 0.00	47.95 0.60 0.00	38.99 -0.17 0.00	40.43 0.11 0.00	35.33 -0.26 0.00	44.12 -0.77 0.00	53.38 -1.34 0.00	47.76 -1.38 0.00	38.84 -0.83 0.00	37.29 -1.28 0.00	37.97 -0.45 0.00	38.14 -0.84 0.00	35.83 -0.85 0.00	34.25 -1.15 0.00	36.77 -0.45 0.00	36.27 0.21 0.00
NEVERSink__HYD 23608	24.03 0.28 0.00	27.04 0.22 0.00	24.00 0.12 0.00	24.34 0.12 0.00	24.08 0.09 0.00	32.76 0.17 0.00	31.05 0.26 0.00	37.65 0.39 0.00	38.72 0.21 0.00	47.59 0.23 0.00	39.52 0.36 0.00	40.90 0.58 0.00	36.27 0.69 0.00	45.34 0.45 0.00	55.29 0.56 0.00	49.86 0.71 0.00	40.30 0.63 0.00	39.17 0.61 0.00	39.31 0.89 0.00	39.92 0.94 0.00	37.36 0.68 0.00	35.83 0.44 0.00	37.44 0.23 0.00	36.17 0.12 0.00
NEWKRMKL_115KV_TB1 55635	24.15 0.40 0.00	27.20 0.38 0.00	24.23 0.34 0.00	24.49 0.28 0.00	24.29 0.30 0.00	32.85 0.26 0.00	31.07 0.27 0.00	37.53 0.27 0.00	39.03 0.51 0.00	48.18 0.83 0.00	39.78 0.62 0.00	40.87 0.55 0.00	36.16 0.57 0.00	45.42 0.53 0.00	55.35 0.63 0.00	50.00 0.86 0.00	40.21 0.55 0.00	39.01 0.45 0.00	39.00 0.59 0.00	39.62 0.64 0.00	37.26 0.58 0.00	35.77 0.37 0.00	37.45 0.23 0.00	36.25 0.19 0.00
NEWTON__FALLS_HYD 23847	27.35 -0.32 -3.92	30.61 -0.40 -4.19	27.52 -0.30 -3.94	28.07 -0.22 -4.07	27.89 -0.07 -3.98	37.69 0.41 -4.69	35.80 0.46 -4.55	39.59 0.61 -1.72	39.27 0.76 0.00	48.22 0.87 0.00	39.75 0.59 0.00	40.55 0.23 0.00	35.54 -0.05 0.00	44.67 -0.22 0.00	54.22 -0.50 0.00	48.63 -0.51 0.00	39.37 -0.30 0.00	38.74 0.17 0.00	38.87 0.46 0.00	39.72 0.74 0.00	37.33 0.65 0.00	36.03 0.63 0.00	37.95 0.74 0.00	36.82 0.76 0.00
NGRID_A1_DSASP 323792	23.39 -0.36 0.00	26.97 0.15 0.00	23.79 -0.09 0.00	24.34 0.12 0.00	24.04 0.05 0.00	33.10 0.51 0.00	30.42 -0.38 0.00	36.16 -1.10 0.00	36.55 -1.96 0.00	45.33 -2.03 0.00	36.95 -2.21 0.00	37.91 -2.41 0.00	33.29 -2.29 0.00	41.97 -2.92 0.00	51.42 -3.31 0.00	46.00 -3.14 0.00	37.33 -2.33 0.00	36.07 -2.50 0.00	36.20 -2.21 0.00	36.39 -2.59 0.00	34.23 -2.45 0.01	32.98 -2.42 0.00	35.69 -1.53 0.00	35.29 -0.76 0.00
NGRID_A2_DSASP 323793	23.39 -0.36 0.00	26.97 0.15 0.00	23.79 -0.09 0.00	24.34 0.12 0.00	24.04 0.05 0.00	33.10 0.51 0.00	30.42 -0.38 0.00	36.16 -1.10 0.00	36.55 -1.96 0.00	45.33 -2.03 0.00	36.95 -2.21 0.00	37.91 -2.41 0.00	33.29 -2.29 0.00	41.97 -2.92 0.00	51.42 -3.31 0.00	46.00 -3.14 0.00	37.33 -2.33 0.00	36.07 -2.50 0.00	36.20 -2.21 0.00	36.39 -2.59 0.00	34.23 -2.45 0.01	32.98 -2.42 0.00	35.69 -1.53 0.00	35.29 -0.76 0.00
NGRID_A4_DSASP 323807	23.39 -0.36 0.00	26.97 0.15 0.00	23.79 -0.09 0.00	24.34 0.12 0.00	24.04 0.05 0.00	33.10 0.51 0.00	30.42 -0.38 0.00	36.16 -1.10 0.00	36.55 -1.96 0.00	45.33 -2.03 0.00	36.95 -2.21 0.00	37.91 -2.41 0.00	33.29 -2.29 0.00	41.97 -2.92 0.00	51.42 -3.31 0.00	46.00 -3.14 0.00	37.33 -2.33 0.00	36.07 -2.50 0.00	36.20 -2.21 0.00	36.39 -2.59 0.00	34.23 -2.45 0.01	32.98 -2.42 0.00	35.69 -1.53 0.00	35.29 -0.76 0.00
NIAGARA_115E_LBMP 323715	23.36 -0.39 0.00	26.89 0.07 0.00	23.74 -0.14 0.00	24.32 0.10 0.00	24.01 0.02 0.00	33.14 0.55 0.00	30.41 -0.39 0.00	36.13 -1.13 0.00	36.53 -1.98 0.00	45.29 -2.07 0.00	36.96 -2.19 0.00	37.94 -2.38 0.00	33.27 -2.31 0.00	41.89 -3.01 0.00	51.30 -3.42 0.00	45.91 -3.23 0.00	37.27 -2.40 0.00	36.03 -2.54 0.00	36.16 -2.25 0.00	36.36 -2.62 0.00	34.20 -2.47 0.00	32.92 -2.48 0.00	35.65 -1.57 0.00	35.24 -0.81 0.00
NIAGARA_115W_LBMP 323714	23.33 -0.42 0.00	26.90 0.08 0.00	23.74 -0.14 0.00	24.28 0.06 0.00	23.99 0.00 0.00	33.02 0.43 0.00	30.35 -0.45 0.00	36.09 -1.18 0.00	36.47 -2.04 0.00	45.22 -2.14 0.00	36.87 -2.29 0.00	37.83 -2.49 0.00	33.22 -2.37 0.00	41.86 -3.03 0.00	51.29 -3.43 0.00	45.89 -3.26 0.00	37.25 -2.42 0.00	35.99 -2.58 0.00	36.12 -2.30 0.00	36.31 -2.67 0.00	34.16 -2.52 0.00	32.91 -2.49 0.00	35.63 -1.59 0.00	35.24 -0.81 0.00
NIAGARA_230_LBMP 323716	23.48 -0.27 0.00	27.05 0.23 0.00	23.88 -0.01 0.00	24.42 0.20 0.00	24.12 0.13 0.00	33.20 0.61 0.00	30.55 -0.24 0.00	36.40 -0.86 0.00	36.81 -1.71 0.00	45.63 -1.72 0.00	37.20 -1.96 0.00	38.16 -2.16 0.00	33.49 -2.09 0.00	42.22 -2.67 0.00	51.72 -3.01 0.00	46.30 -2.84 0.00	37.59 -2.08 0.00	36.30 -2.27 0.00	36.45 -1.96 0.00	36.67 -2.31 0.00	34.49 -2.18 0.00	33.20 -2.20 0.00	35.80 -1.41 0.00	35.31 -0.74 0.00
NIAGARA__115KV_198_GIBSON 55903	23.33 -0.42 0.00	26.90 0.08 0.00	23.74 -0.14 0.00	24.27 0.06 0.00	23.98 -0.01 0.00	33.02 0.43 0.00	30.35 -0.45 0.00	36.08 -1.18 0.00	36.47 -2.04 0.00	45.22 -2.14 0.00	36.86 -2.29 0.00	37.83 -2.48 0.00	33.22 -2.37 0.00	41.86 -3.03 0.00	51.30 -3.43 0.00	45.89 -3.26 0.00	37.24 -2.43 0.00	35.99 -2.58 0.00	36.13 -2.28 0.00	36.33 -2.65 0.00	34.16 -2.52 0.00	32.92 -2.48 0.00	35.64 -1.58 0.00	35.24 -0.81 0.00
NIAGARA____ 23760	23.48 -0.27 0.00	27.05 0.23 0.00	23.88 -0.01 0.00	24.42 0.20 0.00	24.12 0.13 0.00	33.20 0.61 0.00	30.55 -0.24 0.00	36.40 -0.86 0.00	36.81 -1.71 0.00	45.63 -1.72 0.00	37.20 -1.96 0.00	38.16 -2.16 0.00	33.49 -2.09 0.00	42.22 -2.67 0.00	51.72 -3.01 0.00	46.30 -2.84 0.00	37.59 -2.08 0.00	36.30 -2.27 0.00	36.45 -1.96 0.00	36.67 -2.31 0.00	34.49 -2.18 0.00	33.20 -2.20 0.00	35.80 -1.41 0.00	35.31 -0.74 0.00
NINE_MILE_1 23575	23.34 -0.41 0.00	26.37 -0.45 0.00	23.48 -0.40 0.00	23.83 -0.39 0.00	23.60 -0.39 0.00	32.11 -0.48 0.00	30.31 -0.49 0.00	36.65 -0.60 0.00	37.77 -0.74 0.00	46.50 -0.85 0.00	38.39 -0.77 0.00	39.54 -0.78 0.00	34.89 -0.69 0.00	43.91 -0.98 0.00	53.56 -1.16 0.00	48.13 -1.01 0.00	38.90 -0.77 0.00	37.80 -0.77 0.00	37.78 -0.63 0.00	38.29 -0.69 0.00	35.97 -0.71 0.00	34.63 -0.77 0.00	36.47 -0.75 0.00	35.36 -0.69 0.00
NINE_MILE_2 23744	23.34 -0.41 0.00	26.37 -0.45 0.00	23.48 -0.40 0.00	23.83 -0.39 0.00	23.61 -0.38 0.00	32.11 -0.48 0.00	30.31 -0.49 0.00	36.66 -0.60 0.00	37.78 -0.73 0.00	46.51 -0.84 0.00	38.39 -0.77 0.00	39.55 -0.77 0.00	34.89 -0.69 0.00	43.92 -0.97 0.00	53.56 -1.16 0.00	48.13 -1.01 0.00	38.91 -0.76 0.00	37.80 -0.76 0.00	37.78 -0.63 0.00	38.29 -0.69 0.00	35.97 -0.71 0.00	34.63 -0.76 0.00	36.47 -0.75 0.00	35.36 -0.69 0.00
NM_CAPITAL__DRP 24208	24.23 0.48 0.00	27.29 0.47 0.00	24.31 0.43 0.00	24.57 0.35 0.00	24.37 0.38 0.00	32.94 0.35 0.00	31.14 0.34 0.00	37.60 0.34 0.00	39.07 0.56 0.00	48.21 0.85 0.00	39.83 0.68 0.00	40.95 0.63 0.00	36.22 0.64 0.00	45.51 0.62 0.00	55.45 0.73 0.00	50.11 0.97 0.00	40.27 0.60 0.00	39.07 0.51 0.00	39.05 0.64 0.00	39.69 0.71 0.00	37.34 0.66 0.00	35.84 0.44 0.00	37.50 0.28 0.00	36.30 0.25 0.00

NM_CENTRAL___DRP 24181	23.78 0.03 0.00	26.86 0.04 0.00	23.90 0.02 0.00	24.26 0.05 0.00	24.05 0.06 0.00	32.76 0.17 0.00	30.93 0.13 0.00	37.41 0.15 0.00	38.53 0.02 0.00	47.46 0.10 0.00	39.18 0.02 0.00	40.38 0.06 0.00	35.60 0.02 0.00	44.79 -0.10 0.00	54.64 -0.08 0.00	49.08 -0.06 0.00	39.69 0.03 0.00	38.55 -0.02 0.00	38.60 0.19 0.00	39.10 0.12 0.00	36.70 0.02 0.00	35.28 -0.12 0.00	37.16 -0.05 0.00	36.04 -0.01 0.00
NM_FRONTIER___DRP 24179	23.33 -0.42 0.00	26.90 0.08 0.00	23.74 -0.14 0.00	24.27 0.06 0.00	23.98 -0.01 0.00	33.02 0.43 0.00	30.35 -0.45 0.00	36.08 -1.18 0.00	36.47 -2.04 0.00	45.22 -2.14 0.00	36.86 -2.29 0.00	37.83 -2.48 0.00	33.22 -2.37 0.00	41.86 -3.03 0.00	51.30 -3.43 0.00	45.89 -3.26 0.00	37.24 -2.43 0.00	35.99 -2.58 0.00	36.13 -2.28 0.00	36.33 -2.65 0.00	34.16 -2.52 0.00	32.92 -2.48 0.00	35.64 -1.58 0.00	35.24 -0.81 0.00
NM_ST_REGIS___HYD 24053	33.05 -0.58 -9.88	36.80 -0.57 -10.55	33.32 -0.49 -9.92	34.01 -0.46 -10.26	33.57 -0.43 -10.02	43.97 -0.44 -11.81	41.93 -0.32 -11.45	41.35 -0.24 -4.33	38.38 -0.13 0.00	47.04 -0.31 0.00	38.92 -0.24 0.00	39.87 -0.44 0.00	34.96 -0.63 0.00	44.11 -0.78 0.00	53.47 -1.25 0.00	47.93 -1.22 0.00	38.74 -0.93 0.00	38.06 -0.51 0.00	37.82 -0.59 0.00	38.60 -0.38 0.00	36.55 -0.13 0.00	35.60 0.20 0.00	37.75 0.53 0.00	36.64 0.59 0.00
NORTHPORT___1 23551	24.97 1.22 0.00	28.07 1.25 0.00	24.83 0.94 0.00	25.15 0.93 0.00	24.79 0.80 0.00	33.60 1.01 0.00	32.00 1.20 0.00	38.38 1.12 0.00	39.44 0.93 0.00	48.21 0.86 0.00	40.07 0.91 0.00	41.82 1.50 0.00	37.24 1.66 0.00	46.48 1.60 0.00	56.69 1.96 0.00	51.14 1.99 0.00	41.35 1.68 0.00	40.20 1.63 0.00	40.21 1.80 0.00	40.75 1.77 0.00	38.35 1.67 0.00	36.96 1.56 0.00	38.43 1.21 0.00	37.47 1.41 0.00
NORTHPORT___2 23552	24.97 1.22 0.00	28.07 1.25 0.00	24.83 0.94 0.00	25.15 0.93 0.00	24.79 0.80 0.00	33.60 1.01 0.00	32.00 1.20 0.00	38.38 1.12 0.00	39.44 0.93 0.00	48.21 0.86 0.00	40.07 0.91 0.00	41.82 1.50 0.00	37.24 1.66 0.00	46.48 1.60 0.00	56.69 1.96 0.00	51.14 1.99 0.00	41.35 1.68 0.00	40.20 1.63 0.00	40.21 1.80 0.00	40.75 1.77 0.00	38.35 1.67 0.00	36.96 1.56 0.00	38.43 1.21 0.00	37.47 1.41 0.00
NORTHPORT___3 23553	24.90 1.15 0.00	28.00 1.18 0.00	24.79 0.91 0.00	25.10 0.88 0.00	24.76 0.77 0.00	33.53 0.94 0.00	31.88 1.08 0.00	38.28 1.01 0.00	39.33 0.82 0.00	48.12 0.76 0.00	40.01 0.85 0.00	41.71 1.39 0.00	37.17 1.59 0.00	46.39 1.50 0.00	56.48 1.76 0.00	51.02 1.88 0.00	41.26 1.60 0.00	40.13 1.56 0.00	40.13 1.72 0.00	40.70 1.72 0.00	38.25 1.57 0.00	36.86 1.46 0.00	38.37 1.15 0.00	37.38 1.33 0.00
NORTHPORT___4 23650	24.90 1.15 0.00	28.00 1.18 0.00	24.79 0.91 0.00	25.10 0.88 0.00	24.76 0.77 0.00	33.53 0.94 0.00	31.88 1.08 0.00	38.28 1.01 0.00	39.33 0.82 0.00	48.12 0.76 0.00	40.01 0.85 0.00	41.71 1.39 0.00	37.17 1.59 0.00	46.39 1.50 0.00	56.48 1.76 0.00	51.02 1.88 0.00	41.26 1.60 0.00	40.13 1.56 0.00	40.13 1.72 0.00	40.70 1.72 0.00	38.25 1.57 0.00	36.86 1.46 0.00	38.37 1.15 0.00	37.38 1.33 0.00
NORTHPORT___IC 23718	24.97 1.22 0.00	28.06 1.25 0.00	24.83 0.94 0.00	25.15 0.93 0.00	24.80 0.81 0.00	33.59 1.00 0.00	31.99 1.19 0.00	38.38 1.12 0.00	39.44 0.93 0.00	48.21 0.86 0.00	40.07 0.91 0.00	41.82 1.50 0.00	37.25 1.66 0.00	46.49 1.60 0.00	56.69 1.96 0.00	51.14 2.00 0.00	41.36 1.69 0.00	40.20 1.63 0.00	40.20 1.79 0.00	40.74 1.76 0.00	38.35 1.67 0.00	36.96 1.56 0.00	38.42 1.20 0.00	37.47 1.42 0.00
NORTH___COUNTRY_ESR 323785	-24.26 -1.34 46.67	-24.46 -1.41 49.86	-24.24 -1.25 46.88	-25.53 -1.27 48.49	-24.62 -1.27 47.34	-24.89 -1.66 55.83	-24.77 -1.46 54.11	15.21 -1.58 20.47	37.04 -1.47 0.00	45.72 -1.64 0.00	38.07 -1.09 0.00	39.30 -1.01 0.00	34.55 -1.03 0.00	43.64 -1.25 0.00	52.94 -1.79 0.00	47.59 -1.55 0.00	38.65 -1.01 0.00	38.01 -0.55 0.00	37.70 -0.70 0.00	38.35 -0.63 0.00	36.39 -0.29 0.00	35.41 0.01 0.00	37.45 0.23 0.00	36.25 0.20 0.00
NPX_GEN_1385_PROXY 323591	24.67 0.92 0.00	27.93 1.12 0.00	24.34 0.45 0.00	24.72 0.50 0.00	24.42 0.43 0.00	33.03 0.44 0.00	31.99 1.19 0.00	38.38 1.12 0.00	39.35 0.84 0.00	47.30 -0.05 0.00	39.06 -0.10 0.00	41.17 0.85 0.00	36.66 1.07 0.00	45.59 0.70 0.00	56.31 1.58 0.00	50.41 1.27 0.00	40.89 1.22 0.00	39.70 1.13 0.00	39.73 1.32 0.00	39.83 0.85 0.00	37.98 1.30 0.00	36.81 1.41 0.00	37.85 0.63 0.00	36.79 0.74 0.00
NPX_GEN_CSC 323557	24.32 0.57 0.00	27.32 0.51 0.00	24.22 0.33 0.00	24.48 0.26 0.00	24.18 0.19 0.00	32.74 0.15 0.00	31.29 0.49 0.00	37.51 0.25 0.00	38.53 0.02 0.00	47.06 -0.30 0.00	39.10 -0.06 0.00	40.86 0.54 0.00	36.46 0.87 0.00	45.63 0.74 0.00	55.48 0.75 0.00	50.19 1.04 0.00	40.47 0.81 0.00	39.43 0.86 0.00	39.40 0.99 0.00	40.03 1.05 0.00	37.49 0.82 0.00	36.03 0.63 0.00	37.37 0.15 0.00	36.41 0.36 0.00
NSINS_S_GLNS_FALLS 23858	25.31 1.56 0.00	28.54 1.73 0.00	25.36 1.48 0.00	25.60 1.38 0.00	25.41 1.42 0.00	34.46 1.87 0.00	32.61 1.81 0.00	39.41 2.15 0.00	40.77 2.26 0.00	50.32 2.96 0.00	41.69 2.53 0.00	42.94 2.63 0.00	37.92 2.34 0.00	47.71 2.82 0.00	58.25 3.52 0.00	52.71 3.56 0.00	42.47 2.81 0.00	41.26 2.69 0.00	41.28 2.87 0.00	41.85 2.87 0.00	39.33 2.65 0.00	37.62 2.22 0.00	39.14 1.92 0.00	37.78 1.73 0.00
NUCOR_STEEL___DRP 24197	23.92 0.17 0.00	27.07 0.25 0.00	24.06 0.18 0.00	24.47 0.25 0.00	24.24 0.26 0.00	33.07 0.48 0.00	31.17 0.37 0.00	37.71 0.45 0.00	38.76 0.25 0.00	47.75 0.40 0.00	39.35 0.20 0.00	40.56 0.25 0.00	35.73 0.15 0.00	44.91 0.03 0.00	54.83 0.11 0.00	49.28 0.14 0.00	39.88 0.21 0.00	38.74 0.17 0.00	38.82 0.41 0.00	39.29 0.31 0.00	36.89 0.22 0.00	35.46 0.06 0.00	37.35 0.13 0.00	36.23 0.17 0.00
NUMBER_THREE_WT_PWR 323818	25.15 -0.33 -1.74	28.16 -0.52 -1.86	25.26 -0.36 -1.75	25.78 -0.24 -1.81	25.78 0.03 -1.76	35.57 0.89 -2.08	33.71 0.90 -2.01	39.08 1.06 -0.76	39.81 1.30 0.00	49.09 1.73 0.00	40.42 1.26 0.00	41.22 0.90 0.00	36.16 0.58 0.00	45.37 0.48 0.00	55.18 0.45 0.00	49.49 0.34 0.00	40.15 0.49 0.00	39.51 0.94 0.00	39.87 1.46 0.00	40.77 1.79 0.00	38.09 1.42 0.00	36.40 1.00 0.00	38.06 0.84 0.00	36.86 0.81 0.00
NYISO_LBMP_REFERENCE 24008	23.75 0.00 0.00	26.82 0.00 0.00	23.88 0.00 0.00	24.22 0.00 0.00	23.99 0.00 0.00	32.59 0.00 0.00	30.80 0.00 0.00	37.26 0.00 0.00	38.51 0.00 0.00	47.35 0.00 0.00	39.16 0.00 0.00	40.32 0.00 0.00	35.58 0.00 0.00	44.89 0.00 0.00	54.73 0.00 0.00	49.14 0.00 0.00	39.67 0.00 0.00	38.57 0.00 0.00	38.41 0.00 0.00	38.98 0.00 0.00	36.68 0.00 0.00	35.40 0.00 0.00	37.22 0.00 0.00	36.05 0.00 0.00

NYPA_BRENTWD____GT 24164	25.21 1.46 0.00	28.33 1.51 0.00	25.07 1.19 0.00	25.39 1.17 0.00	25.05 1.07 0.00	33.99 1.40 0.00	32.38 1.59 0.00	38.90 1.64 0.00	40.01 1.50 0.00	48.97 1.61 0.00	40.71 1.56 0.00	42.47 2.15 0.00	37.79 2.21 0.00	47.21 2.32 0.00	57.55 2.82 0.00	51.90 2.76 0.00	41.86 2.20 0.00	40.73 2.16 0.00	40.75 2.34 0.00	41.34 2.36 0.00	38.95 2.27 0.00	37.49 2.09 0.00	38.98 1.76 0.00	37.95 1.89 0.00
NYPA_GOWANUS____GT5 24156	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.02 1.51 0.00	49.26 1.91 0.00	40.93 1.77 0.00	42.35 2.03 0.00	37.62 2.04 0.00	46.81 1.92 0.00	57.18 2.45 0.00	51.77 2.63 0.00	41.79 2.12 0.00	40.61 2.04 0.00	40.69 2.28 0.00	41.35 2.37 0.00	38.76 2.08 0.00	37.24 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NYPA_GOWANUS____GT6 24157	25.00 1.25 0.00	28.12 1.30 0.00	24.99 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.02 1.51 0.00	49.26 1.91 0.00	40.93 1.77 0.00	42.35 2.03 0.00	37.62 2.04 0.00	46.81 1.92 0.00	57.18 2.45 0.00	51.77 2.63 0.00	41.79 2.12 0.00	40.61 2.04 0.00	40.69 2.28 0.00	41.35 2.37 0.00	38.76 2.08 0.00	37.24 1.85 0.00	38.97 1.75 0.00	37.66 1.61 0.00
NYPA_HARLEM__RVR__GT1 24160	24.91 1.16 0.00	28.02 1.20 0.00	24.93 1.04 0.00	25.22 1.00 0.00	24.94 0.95 0.00	33.93 1.33 0.00	32.12 1.32 0.00	38.83 1.58 0.00	39.90 1.39 0.00	49.07 1.71 0.00	40.78 1.62 0.00	42.19 1.88 0.00	37.49 1.91 0.00	46.75 1.86 0.00	57.08 2.36 0.00	51.66 2.52 0.00	41.68 2.02 0.00	40.52 1.95 0.00	40.53 2.12 0.00	41.17 2.19 0.00	38.48 1.81 0.00	36.97 1.58 0.00	38.71 1.50 0.00	37.45 1.40 0.00
NYPA_HARLEM__RVR__GT2 24161	24.91 1.16 0.00	28.02 1.20 0.00	24.93 1.04 0.00	25.22 1.00 0.00	24.94 0.95 0.00	33.93 1.33 0.00	32.12 1.32 0.00	38.83 1.58 0.00	39.90 1.39 0.00	49.07 1.71 0.00	40.78 1.62 0.00	42.19 1.88 0.00	37.49 1.91 0.00	46.75 1.86 0.00	57.08 2.36 0.00	51.66 2.52 0.00	41.68 2.02 0.00	40.52 1.95 0.00	40.53 2.12 0.00	41.17 2.19 0.00	38.48 1.81 0.00	36.97 1.58 0.00	38.71 1.50 0.00	37.45 1.40 0.00
NYPA_KENT____GT 24152	24.96 1.21 0.00	28.06 1.24 0.00	24.95 1.07 0.00	25.26 1.04 0.00	24.99 1.00 0.00	33.97 1.38 0.00	32.21 1.42 0.00	38.92 1.66 0.00	39.98 1.47 0.00	49.20 1.85 0.00	40.89 1.74 0.00	42.31 1.99 0.00	37.57 1.99 0.00	46.80 1.91 0.00	57.16 2.44 0.00	51.74 2.59 0.00	41.77 2.10 0.00	40.58 2.01 0.00	40.66 2.25 0.00	41.31 2.33 0.00	38.70 2.02 0.00	37.17 1.77 0.00	38.91 1.69 0.00	37.61 1.56 0.00
NYPA_POUCH1____GT 24155	24.95 1.20 0.00	28.08 1.27 0.00	24.96 1.08 0.00	25.27 1.05 0.00	25.00 1.02 0.00	33.99 1.40 0.00	32.22 1.42 0.00	38.87 1.61 0.00	38.67 1.33 1.17	49.02 1.67 0.01	40.74 1.59 0.01	42.16 1.85 0.00	37.52 1.94 0.00	46.64 1.76 0.00	56.99 2.26 0.00	51.61 2.47 0.00	41.65 1.98 0.00	40.46 1.90 0.00	40.56 2.15 0.00	41.23 2.25 0.00	38.64 1.97 0.00	37.15 1.75 0.00	38.87 1.65 0.00	37.54 1.49 0.00
NYPA_VERNON____GT2 24162	24.91 1.16 0.00	28.01 1.19 0.00	24.91 1.03 0.00	25.22 1.00 0.00	24.94 0.96 0.00	33.90 1.30 0.00	32.15 1.35 0.00	38.88 1.62 0.00	39.96 1.45 0.00	49.18 1.83 0.00	40.89 1.73 0.00	42.29 1.98 0.00	37.56 1.98 0.00	46.83 1.94 0.00	57.17 2.44 0.00	51.75 2.61 0.00	41.77 2.11 0.00	40.59 2.02 0.00	40.68 2.26 0.00	41.30 2.32 0.00	38.66 1.99 0.00	37.12 1.72 0.00	38.84 1.62 0.00	37.58 1.52 0.00
NYPA_VERNON____GT3 24163	24.91 1.16 0.00	28.01 1.19 0.00	24.91 1.03 0.00	25.22 1.00 0.00	24.94 0.96 0.00	33.90 1.30 0.00	32.15 1.35 0.00	38.88 1.62 0.00	39.96 1.45 0.00	49.18 1.83 0.00	40.89 1.73 0.00	42.29 1.98 0.00	37.56 1.98 0.00	46.83 1.94 0.00	57.17 2.44 0.00	51.75 2.61 0.00	41.77 2.11 0.00	40.59 2.02 0.00	40.68 2.26 0.00	41.30 2.32 0.00	38.66 1.99 0.00	37.12 1.72 0.00	38.84 1.62 0.00	37.58 1.52 0.00
NYPA__ASTORIA_CC1 323568	24.89 1.14 0.00	27.97 1.16 0.00	24.89 1.01 0.00	25.20 0.98 0.00	24.91 0.93 0.00	33.84 1.25 0.00	32.10 1.30 0.00	38.83 1.57 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.82 1.66 0.00	42.20 1.89 0.00	37.49 1.90 0.00	46.73 1.84 0.00	57.05 2.33 0.00	51.63 2.49 0.00	41.67 2.01 0.00	40.50 1.93 0.00	40.58 2.17 0.00	41.20 2.22 0.00	38.57 1.89 0.00	37.04 1.64 0.00	38.74 1.53 0.00	37.48 1.43 0.00
NYPA__ASTORIA_CC2 323569	24.89 1.14 0.00	27.97 1.16 0.00	24.89 1.01 0.00	25.20 0.98 0.00	24.91 0.93 0.00	33.84 1.25 0.00	32.10 1.30 0.00	38.83 1.57 0.00	39.90 1.39 0.00	49.11 1.76 0.00	40.82 1.66 0.00	42.20 1.89 0.00	37.49 1.90 0.00	46.73 1.84 0.00	57.05 2.33 0.00	51.63 2.49 0.00	41.67 2.01 0.00	40.50 1.93 0.00	40.58 2.17 0.00	41.20 2.22 0.00	38.57 1.89 0.00	37.04 1.64 0.00	38.74 1.53 0.00	37.48 1.43 0.00
NYPA__HOLTSVILL 23794	24.98 1.23 0.00	28.07 1.25 0.00	24.86 0.97 0.00	25.15 0.93 0.00	24.83 0.84 0.00	33.66 1.07 0.00	32.08 1.28 0.00	38.51 1.25 0.00	39.60 1.08 0.00	48.45 1.09 0.00	40.28 1.12 0.00	42.03 1.71 0.00	37.42 1.84 0.00	46.76 1.87 0.00	56.98 2.26 0.00	51.45 2.31 0.00	41.58 1.91 0.00	40.44 1.87 0.00	40.41 2.00 0.00	41.00 2.02 0.00	38.50 1.82 0.00	37.05 1.65 0.00	38.51 1.29 0.00	37.54 1.49 0.00
NYPA__HELLGATE_GT1 24158	24.91 1.16 0.00	28.02 1.20 0.00	24.93 1.04 0.00	25.22 1.00 0.00	24.94 0.95 0.00	33.93 1.33 0.00	32.12 1.32 0.00	38.83 1.58 0.00	39.89 1.38 0.00	49.07 1.71 0.00	40.78 1.63 0.00	42.19 1.88 0.00	37.49 1.91 0.00	46.75 1.86 0.00	57.08 2.36 0.00	51.66 2.52 0.00	41.68 2.02 0.00	40.52 1.95 0.00	40.53 2.12 0.00	41.17 2.19 0.00	38.48 1.81 0.00	36.97 1.58 0.00	38.70 1.48 0.00	37.45 1.40 0.00
NYPA__HELLGATE_GT2 24159	24.91 1.16 0.00	28.02 1.20 0.00	24.93 1.04 0.00	25.22 1.00 0.00	24.94 0.95 0.00	33.93 1.33 0.00	32.12 1.32 0.00	38.83 1.58 0.00	39.89 1.38 0.00	49.07 1.71 0.00	40.78 1.63 0.00	42.19 1.88 0.00	37.49 1.91 0.00	46.75 1.86 0.00	57.08 2.36 0.00	51.66 2.52 0.00	41.68 2.02 0.00	40.52 1.95 0.00	40.53 2.12 0.00	41.17 2.19 0.00	38.48 1.81 0.00	36.97 1.58 0.00	38.70 1.48 0.00	37.45 1.40 0.00
NYS_BARGE__HYD 23848	23.75 0.00 0.00	27.33 0.52 0.00	24.12 0.23 0.00	24.68 0.47 0.00	24.38 0.39 0.00	33.65 1.06 0.00	30.96 0.16 0.00	36.89 -0.37 0.00	37.32 -1.19 0.00	46.28 -1.07 0.00	37.75 -1.41 0.00	38.74 -1.57 0.00	33.94 -1.64 0.00	42.73 -2.15 0.00	52.35 -2.38 0.00	46.86 -2.29 0.00	38.05 -1.62 0.00	36.81 -1.76 0.00	36.98 -1.43 0.00	37.20 -1.78 0.00	34.98 -1.70 0.00	33.64 -1.76 0.00	36.32 -0.91 0.00	35.82 -0.23 0.00

OAK ORCHARD___HYD 24046	23.92 0.17 0.00	27.36 0.54 0.00	24.22 0.34 0.00	24.70 0.48 0.00	24.42 0.43 0.00	33.53 0.94 0.00	31.21 0.41 0.00	37.48 0.22 0.00	38.19 -0.32 0.00	47.28 -0.07 0.00	38.69 -0.47 0.00	39.73 -0.58 0.00	34.81 -0.77 0.00	43.84 -1.05 0.00	53.68 -1.04 0.00	48.21 -0.93 0.00	39.11 -0.56 0.00	37.91 -0.66 0.00	38.06 -0.36 0.00	38.38 -0.59 0.00	36.12 -0.56 0.00	34.69 -0.71 0.00	36.90 -0.33 0.00	36.04 -0.01 0.00
OAKDALE___35_KV_LOAD 356122	23.95 0.20 0.00	27.16 0.35 0.00	24.11 0.23 0.00	24.56 0.34 0.00	24.27 0.28 0.00	33.17 0.58 0.00	31.21 0.41 0.00	37.90 0.64 0.00	38.85 0.34 0.00	47.94 0.58 0.00	39.45 0.29 0.00	40.79 0.47 0.00	35.93 0.34 0.00	45.20 0.31 0.00	55.26 0.53 0.00	49.59 0.45 0.00	40.11 0.44 0.00	38.83 0.27 0.00	39.05 0.64 0.00	39.50 0.52 0.00	37.10 0.42 0.00	35.61 0.20 0.00	37.47 0.25 0.00	36.37 0.32 0.00
OCC_CHEM___DRP 24175	23.39 -0.36 0.00	26.96 0.14 0.00	23.79 -0.09 0.00	24.32 0.11 0.00	24.04 0.05 0.00	33.09 0.50 0.00	30.42 -0.38 0.00	36.16 -1.10 0.00	36.55 -1.96 0.00	45.33 -2.03 0.00	36.95 -2.21 0.00	37.92 -2.40 0.00	33.29 -2.29 0.00	41.95 -2.93 0.00	51.41 -3.31 0.00	46.00 -3.14 0.00	37.33 -2.34 0.00	36.07 -2.50 0.00	36.22 -2.19 0.00	36.41 -2.57 0.00	34.23 -2.45 0.01	32.99 -2.41 0.00	35.70 -1.52 0.00	35.29 -0.76 0.00
OH_GEN_PROXY 24063	23.47 -0.28 0.00	27.04 0.23 0.00	23.88 -0.01 0.00	24.42 0.20 0.00	24.11 0.12 0.00	33.19 0.60 0.00	30.56 -0.23 0.00	36.47 -0.79 0.00	36.89 -1.62 0.00	45.74 -1.62 0.00	37.27 -1.88 0.00	38.25 -2.06 0.00	33.58 -2.00 0.00	42.33 -2.56 0.00	51.87 -2.85 0.00	46.44 -2.71 0.00	37.69 -1.97 0.00	36.39 -2.18 0.00	36.58 -1.84 0.00	36.79 -2.19 0.00	34.62 -2.06 0.00	33.29 -2.11 0.00	35.86 -1.36 0.00	35.32 -0.73 0.00
OLIN_CORP_DRP 24177	23.39 -0.36 0.00	26.95 0.13 0.00	23.79 -0.09 0.00	24.35 0.13 0.00	24.05 0.06 0.00	33.18 0.59 0.00	30.46 -0.34 0.00	36.21 -1.05 0.00	36.61 -1.90 0.00	45.38 -1.98 0.00	37.04 -2.12 0.00	38.02 -2.30 0.00	33.34 -2.25 0.00	41.98 -2.91 0.00	51.43 -3.30 0.00	46.02 -3.12 0.00	37.34 -2.33 0.00	36.12 -2.45 0.00	36.27 -2.14 0.00	36.46 -2.52 0.00	34.28 -2.40 0.00	33.00 -2.40 0.00	35.71 -1.51 0.00	35.28 -0.77 0.00
OLIN_CORP_DSASP 323712	23.39 -0.36 0.00	26.97 0.15 0.00	23.79 -0.09 0.00	24.34 0.12 0.00	24.04 0.05 0.00	33.10 0.51 0.00	30.42 -0.38 0.00	36.16 -1.10 0.00	36.55 -1.96 0.00	45.33 -2.03 0.00	36.95 -2.21 0.00	37.91 -2.41 0.00	33.29 -2.29 0.00	41.97 -2.92 0.00	51.42 -3.31 0.00	46.00 -3.14 0.00	37.33 -2.33 0.00	36.07 -2.50 0.00	36.20 -2.21 0.00	36.39 -2.59 0.00	34.23 -2.45 0.01	32.98 -2.42 0.00	35.69 -1.53 0.00	35.29 -0.76 0.00
ONEIDA_HERK_LFGE 323681	24.76 0.19 -0.82	27.85 0.15 -0.88	24.87 0.17 -0.82	25.28 0.22 -0.85	25.16 0.34 -0.83	34.45 0.88 -0.98	32.67 0.92 -0.95	38.73 1.11 -0.36	39.72 1.21 0.00	48.94 1.58 0.00	40.37 1.21 0.00	41.41 1.10 0.00	36.45 0.86 0.00	45.85 0.96 0.00	55.77 1.05 0.00	50.10 0.96 0.00	40.55 0.88 0.00	39.60 1.04 0.00	39.75 1.34 0.00	40.47 1.49 0.00	37.93 1.25 0.00	36.37 0.96 0.00	38.08 0.86 0.00	36.87 0.81 0.00
ONEIDA___115KV_TB4 55905	24.25 0.50 0.00	27.35 0.53 0.00	24.35 0.47 0.00	24.71 0.49 0.00	24.55 0.57 0.00	33.59 0.99 0.00	31.83 1.03 0.00	38.55 1.29 0.00	39.80 1.30 0.00	49.05 1.69 0.00	40.48 1.32 0.00	41.65 1.33 0.00	36.71 1.13 0.00	46.22 1.33 0.00	56.28 1.55 0.00	50.62 1.47 0.00	40.95 1.29 0.00	39.84 1.27 0.00	39.92 1.51 0.00	40.52 1.54 0.00	38.00 1.32 0.00	36.46 1.07 0.00	38.24 1.02 0.00	37.02 0.97 0.00
ONONDAGA_REF_OCCRA 23987	23.88 0.13 0.00	26.97 0.16 0.00	24.00 0.12 0.00	24.37 0.15 0.00	24.15 0.16 0.00	32.92 0.33 0.00	31.09 0.29 0.00	37.63 0.37 0.00	38.74 0.23 0.00	47.75 0.39 0.00	39.39 0.24 0.00	40.61 0.30 0.00	35.81 0.22 0.00	45.04 0.15 0.00	54.96 0.23 0.00	49.36 0.22 0.00	39.94 0.27 0.00	38.79 0.22 0.00	38.86 0.45 0.00	39.36 0.38 0.00	36.95 0.27 0.00	35.51 0.11 0.00	37.39 0.17 0.00	36.23 0.17 0.00
ONONDAGA___COGEN 23986	23.84 0.09 0.00	26.94 0.12 0.00	23.97 0.08 0.00	24.34 0.13 0.00	24.13 0.14 0.00	32.89 0.29 0.00	31.03 0.23 0.00	37.56 0.30 0.00	38.66 0.15 0.00	47.65 0.29 0.00	39.30 0.15 0.00	40.52 0.20 0.00	35.71 0.12 0.00	44.88 -0.01 0.00	54.78 0.05 0.00	49.21 0.06 0.00	39.81 0.14 0.00	38.67 0.10 0.00	38.75 0.34 0.00	39.26 0.28 0.00	36.86 0.18 0.00	35.43 0.03 0.00	37.31 0.09 0.00	36.17 0.12 0.00
ONTARIO___LFGE 23819	24.02 0.27 0.00	27.35 0.53 0.00	24.22 0.33 0.00	24.75 0.53 0.00	24.49 0.50 0.00	33.59 0.99 0.00	31.56 0.77 0.00	38.19 0.93 0.00	39.08 0.56 0.00	48.30 0.95 0.00	39.61 0.45 0.00	40.87 0.55 0.00	35.90 0.31 0.00	45.00 0.12 0.00	55.08 0.35 0.00	49.59 0.44 0.00	40.20 0.54 0.00	38.93 0.36 0.00	39.19 0.78 0.00	39.57 0.59 0.00	37.19 0.51 0.00	35.62 0.22 0.00	37.57 0.35 0.00	36.63 0.58 0.00
ORANGEVILLE_WT_PWR 323706	23.78 0.03 0.00	27.32 0.50 0.00	24.07 0.19 0.00	24.75 0.53 0.00	24.49 0.50 0.00	33.70 1.10 0.00	31.25 0.45 0.00	37.64 0.38 0.00	38.15 -0.36 0.00	47.28 -0.08 0.00	38.62 -0.54 0.00	39.76 -0.55 0.00	34.89 -0.69 0.00	43.93 -0.96 0.00	53.82 -0.90 0.00	48.17 -0.97 0.00	39.06 -0.60 0.00	37.73 -0.83 0.00	37.97 -0.45 0.00	38.23 -0.75 0.00	35.91 -0.76 0.00	34.44 -0.96 0.00	36.85 -0.37 0.00	36.18 0.13 0.00
ORANGEVILLE___ESR 323794	23.78 0.03 0.00	27.32 0.50 0.00	24.07 0.19 0.00	24.75 0.53 0.00	24.49 0.50 0.00	33.70 1.10 0.00	31.25 0.45 0.00	37.64 0.38 0.00	38.15 -0.36 0.00	47.28 -0.08 0.00	38.62 -0.54 0.00	39.76 -0.55 0.00	34.89 -0.69 0.00	43.93 -0.96 0.00	53.82 -0.90 0.00	48.17 -0.97 0.00	39.06 -0.60 0.00	37.73 -0.83 0.00	37.97 -0.45 0.00	38.23 -0.75 0.00	35.91 -0.76 0.00	34.44 -0.96 0.00	36.85 -0.37 0.00	36.18 0.13 0.00
OSWEGATCHIE___HYD 24044	27.35 -0.32 -3.92	30.61 -0.40 -4.19	27.52 -0.30 -3.94	28.07 -0.22 -4.07	27.89 -0.07 -3.98	37.69 0.41 -4.69	35.80 0.46 -4.55	39.59 0.61 -1.72	39.27 0.76 0.00	48.22 0.87 0.00	39.75 0.59 0.00	40.55 0.23 0.00	35.54 -0.05 0.00	44.67 -0.21 0.00	54.22 -0.50 0.00	48.63 -0.52 0.00	39.37 -0.30 0.00	38.74 0.17 0.00	38.87 0.46 0.00	39.72 0.74 0.00	37.33 0.65 0.00	36.03 0.63 0.00	37.95 0.73 0.00	36.82 0.76 0.00
OSWEGO___5 23606	23.47 -0.28 0.00	26.51 -0.30 0.00	23.61 -0.28 0.00	23.97 -0.25 0.00	23.74 -0.25 0.00	32.30 -0.29 0.00	30.49 -0.31 0.00	36.87 -0.40 0.00	37.99 -0.52 0.00	46.78 -0.58 0.00	38.62 -0.54 0.00	39.78 -0.54 0.00	35.08 -0.50 0.00	44.15 -0.73 0.00	53.88 -0.85 0.00	48.41 -0.74 0.00	39.13 -0.54 0.00	38.00 -0.56 0.00	38.01 -0.40 0.00	38.51 -0.47 0.00	36.16 -0.52 0.00	34.82 -0.58 0.00	36.66 -0.55 0.00	35.55 -0.50 0.00

OSWEGO___6 23613	23.47 -0.28 0.00	26.51 -0.30 0.00	23.61 -0.28 0.00	23.97 -0.25 0.00	23.74 -0.25 0.00	32.30 -0.29 0.00	30.49 -0.31 0.00	36.87 -0.40 0.00	37.99 -0.52 0.00	46.78 -0.58 0.00	38.62 -0.54 0.00	39.78 -0.54 0.00	35.08 -0.50 0.00	44.15 -0.73 0.00	53.88 -0.85 0.00	48.41 -0.74 0.00	39.13 -0.54 0.00	38.00 -0.56 0.00	38.01 -0.40 0.00	38.51 -0.47 0.00	36.16 -0.52 0.00	34.82 -0.58 0.00	36.66 -0.55 0.00	35.55 -0.50 0.00
OUTOKUMPU-AB___DRP 24206	23.95 0.20 0.00	27.59 0.77 0.00	24.31 0.43 0.00	24.88 0.66 0.00	24.57 0.59 0.00	33.89 1.30 0.00	31.23 0.43 0.00	37.27 0.00 0.00	37.71 -0.80 0.00	46.80 -0.56 0.00	38.17 -0.99 0.00	39.20 -1.12 0.00	34.37 -1.22 0.00	43.32 -1.57 0.00	53.08 -1.65 0.00	47.52 -1.63 0.00	38.55 -1.12 0.00	37.26 -1.30 0.00	37.42 -0.99 0.00	37.64 -1.34 0.00	35.37 -1.31 -0.01	34.12 -1.27 0.00	36.80 -0.42 0.00	36.28 0.22 0.00
OXBOW___BTM 323836	23.72 -0.03 0.00	27.33 0.51 0.00	24.10 0.22 0.00	24.66 0.45 0.00	24.35 0.37 0.00	33.56 0.97 0.00	30.89 0.09 0.00	36.80 -0.46 0.00	37.23 -1.28 0.00	46.18 -1.17 0.00	37.66 -1.50 0.00	38.66 -1.66 0.00	33.91 -1.67 0.00	42.75 -2.14 0.00	52.38 -2.34 0.00	46.89 -2.25 0.00	38.06 -1.60 0.00	36.77 -1.80 0.00	36.90 -1.51 0.00	37.12 -1.86 0.00	34.57 -2.11 0.01	33.14 -2.26 0.00	35.86 -1.35 0.00	35.46 -0.59 0.00
OXBOW____ 24026	23.72 -0.03 0.00	27.33 0.51 0.00	24.10 0.22 0.00	24.66 0.44 0.00	24.36 0.37 0.00	33.56 0.97 0.00	30.89 0.09 0.00	36.80 -0.46 0.00	37.23 -1.28 0.00	46.19 -1.17 0.00	37.66 -1.50 0.00	38.67 -1.65 0.00	33.91 -1.67 0.00	42.75 -2.14 0.00	52.38 -2.35 0.00	46.89 -2.26 0.00	38.05 -1.61 0.00	36.78 -1.79 0.00	36.92 -1.49 0.00	37.14 -1.84 0.00	34.57 -2.11 0.01	33.14 -2.26 0.00	35.87 -1.35 0.00	35.46 -0.59 0.00
OXY_CHEM_DSASP 323612	23.39 -0.36 0.00	26.96 0.14 0.00	23.79 -0.09 0.00	24.32 0.11 0.00	24.04 0.05 0.00	33.09 0.50 0.00	30.42 -0.38 0.00	36.16 -1.10 0.00	36.55 -1.96 0.00	45.33 -2.03 0.00	36.95 -2.21 0.00	37.92 -2.40 0.00	33.29 -2.29 0.00	41.95 -2.93 0.00	51.41 -3.31 0.00	46.00 -3.14 0.00	37.33 -2.34 0.00	36.07 -2.50 0.00	36.22 -2.19 0.00	36.41 -2.57 0.00	34.23 -2.45 0.01	32.99 -2.41 0.00	35.70 -1.52 0.00	35.29 -0.76 0.00
OZONE_PARK_ESR 323760	25.07 1.32 0.00	28.21 1.38 0.00	25.05 1.17 0.00	25.38 1.16 0.00	25.10 1.11 0.00	34.14 1.55 0.00	32.41 1.61 0.00	39.23 1.97 0.00	40.32 1.81 0.00	49.65 2.29 0.00	41.28 2.12 0.00	42.72 2.40 0.00	37.91 2.33 0.00	47.33 2.45 0.00	57.79 3.06 0.00	52.37 3.23 0.00	42.26 2.60 0.00	41.06 2.49 0.00	41.16 2.75 0.00	41.79 2.81 0.00	39.10 2.42 0.00	37.51 2.11 0.00	39.22 2.01 0.00	37.96 1.91 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	23.39 -0.36 0.00	26.96 0.14 0.00	23.79 -0.09 0.00	24.32 0.11 0.00	24.04 0.05 0.00	33.09 0.50 0.00	30.42 -0.38 0.00	36.16 -1.10 0.00	36.55 -1.96 0.00	45.33 -2.03 0.00	36.95 -2.21 0.00	37.92 -2.40 0.00	33.29 -2.29 0.00	41.95 -2.93 0.00	51.41 -3.31 0.00	46.00 -3.14 0.00	37.33 -2.34 0.00	36.07 -2.50 0.00	36.22 -2.19 0.00	36.41 -2.57 0.00	34.23 -2.45 0.01	32.99 -2.41 0.00	35.70 -1.52 0.00	35.29 -0.76 0.00
PACKARD__115KV_DUPONT_184 80571	23.39 -0.36 0.00	26.96 0.14 0.00	23.79 -0.09 0.00	24.32 0.11 0.00	24.04 0.05 0.00	33.09 0.50 0.00	30.42 -0.38 0.00	36.16 -1.10 0.00	36.55 -1.96 0.00	45.33 -2.03 0.00	36.95 -2.21 0.00	37.92 -2.40 0.00	33.29 -2.29 0.00	41.95 -2.93 0.00	51.41 -3.31 0.00	46.00 -3.14 0.00	37.33 -2.34 0.00	36.07 -2.50 0.00	36.22 -2.19 0.00	36.41 -2.57 0.00	34.23 -2.45 0.01	32.99 -2.41 0.00	35.70 -1.52 0.00	35.29 -0.76 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.93 1.18 0.00	28.05 1.23 0.00	24.96 1.07 0.00	25.25 1.03 0.00	24.96 0.97 0.00	33.87 1.28 0.00	32.07 1.27 0.00	38.79 1.53 0.00	39.87 1.36 0.00	49.04 1.68 0.00	40.73 1.58 0.00	42.14 1.83 0.00	37.43 1.85 0.00	46.69 1.80 0.00	56.98 2.26 0.00	51.57 2.43 0.00	41.61 1.94 0.00	40.45 1.88 0.00	40.49 2.08 0.00	41.15 2.17 0.00	38.50 1.83 0.00	36.97 1.57 0.00	38.69 1.46 0.00	37.40 1.34 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.07 1.32 0.00	28.21 1.39 0.00	25.11 1.22 0.00	25.41 1.20 0.00	25.16 1.17 0.00	34.03 1.44 0.00	32.31 1.51 0.00	39.08 1.82 0.00	40.18 1.66 0.00	49.36 2.01 0.00	40.94 1.79 0.00	42.40 2.08 0.00	37.65 2.07 0.00	46.94 2.05 0.00	57.31 2.59 0.00	51.84 2.70 0.00	41.87 2.21 0.00	40.69 2.12 0.00	40.75 2.34 0.00	41.47 2.49 0.00	38.79 2.11 0.00	37.25 1.86 0.00	38.98 1.76 0.00	37.65 1.60 0.00
PATROON__115KV_TB1 80586	24.23 0.48 0.00	27.29 0.48 0.00	24.30 0.42 0.00	24.57 0.36 0.00	24.37 0.38 0.00	32.96 0.37 0.00	31.19 0.39 0.00	37.68 0.42 0.00	39.16 0.65 0.00	48.34 0.98 0.00	39.91 0.76 0.00	41.03 0.71 0.00	36.29 0.71 0.00	45.60 0.71 0.00	55.55 0.83 0.00	50.19 1.05 0.00	40.36 0.70 0.00	39.16 0.59 0.00	39.15 0.74 0.00	39.77 0.79 0.00	37.39 0.72 0.00	35.90 0.50 0.00	37.57 0.35 0.00	36.36 0.31 0.00
PATTRSNVILLE__SOLAR 323815	24.60 0.85 0.00	27.74 0.92 0.00	24.71 0.82 0.00	25.02 0.80 0.00	24.80 0.82 0.00	33.68 1.09 0.00	31.90 1.10 0.00	38.60 1.35 0.00	39.82 1.32 0.00	49.01 1.66 0.00	40.53 1.37 0.00	41.75 1.43 0.00	36.82 1.24 0.00	46.29 1.40 0.00	56.35 1.62 0.00	50.86 1.71 0.00	41.16 1.49 0.00	39.99 1.42 0.00	39.98 1.57 0.00	40.58 1.60 0.00	38.13 1.45 0.00	36.63 1.23 0.00	38.37 1.15 0.00	37.12 1.07 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	24.20 0.45 0.00	27.87 1.06 0.00	24.55 0.67 0.00	25.14 0.92 0.00	24.81 0.83 0.00	34.18 1.59 0.00	31.62 0.82 0.00	38.03 0.77 0.00	38.45 -0.07 0.00	47.68 0.33 0.00	38.91 -0.25 0.00	40.01 -0.31 0.00	35.01 -0.57 0.00	44.12 -0.77 0.00	54.13 -0.60 0.00	48.44 -0.70 0.00	39.33 -0.33 0.00	37.97 -0.59 0.00	38.22 -0.19 0.00	38.43 -0.55 0.00	36.05 -0.63 0.00	34.49 -0.91 0.00	36.99 -0.22 0.00	36.33 0.27 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	24.87 1.12 0.00	28.00 1.18 0.00	24.88 1.00 0.00	25.20 0.99 0.00	24.94 0.95 0.00	33.88 1.28 0.00	32.14 1.34 0.00	38.90 1.64 0.00	40.04 1.54 0.00	49.29 1.94 0.00	40.96 1.81 0.00	42.35 2.03 0.00	37.55 1.96 0.00	46.97 2.08 0.00	57.28 2.56 0.00	51.80 2.66 0.00	41.83 2.16 0.00	40.60 2.04 0.00	40.73 2.32 0.00	41.36 2.38 0.00	38.71 2.04 0.00	37.13 1.73 0.00	38.79 1.57 0.00	37.49 1.44 0.00
PEEKSKILL____ 23653	24.66 0.91 0.00	27.77 0.95 0.00	24.66 0.78 0.00	24.98 0.77 0.00	24.72 0.73 0.00	33.60 1.01 0.00	31.84 1.04 0.00	38.52 1.26 0.00	39.59 1.08 0.00	48.67 1.31 0.00	40.45 1.29 0.00	41.86 1.55 0.00	37.12 1.53 0.00	46.36 1.48 0.00	56.60 1.88 0.00	51.21 2.06 0.00	41.33 1.66 0.00	40.13 1.57 0.00	40.25 1.85 0.00	40.88 1.90 0.00	38.26 1.58 0.00	36.70 1.30 0.00	38.36 1.14 0.00	37.12 1.07 0.00

PGE MADISON___WINDPWR 24146	24.61 0.85 0.00	27.63 0.81 0.00	24.84 0.96 0.00	25.12 0.90 0.00	24.96 0.97 0.00	34.49 1.90 0.00	32.61 1.81 0.00	39.77 2.51 0.00	41.12 2.61 0.00	51.00 3.65 0.00	42.11 2.95 0.00	43.80 3.48 0.00	38.36 2.77 0.00	48.11 3.22 0.00	58.78 4.06 0.00	52.95 3.81 0.00	43.30 3.63 0.00	42.17 3.60 0.00	42.47 4.06 0.00	42.95 3.97 0.00	40.17 3.49 0.00	38.18 2.79 0.00	40.03 2.81 0.00	38.86 2.81 0.00
PIERCEFIELD___HYD 23852	29.04 -0.45 -5.74	32.52 -0.44 -6.14	29.29 -0.36 -5.77	29.85 -0.33 -5.97	29.52 -0.30 -5.83	39.24 -0.22 -6.87	37.32 -0.13 -6.66	39.72 -0.06 -2.52	38.56 0.05 0.00	47.18 -0.17 0.00	38.98 -0.18 0.00	39.86 -0.46 0.00	34.95 -0.64 0.00	44.09 -0.80 0.00	53.44 -1.29 0.00	47.86 -1.29 0.00	38.61 -1.06 0.00	37.93 -0.64 0.00	37.72 -0.69 0.00	38.50 -0.48 0.00	36.44 -0.23 0.00	35.51 0.11 0.00	37.68 0.46 0.00	36.62 0.57 0.00
PINELAWN_CC_1 323563	25.11 1.36 0.00	28.24 1.42 0.00	25.00 1.12 0.00	25.33 1.11 0.00	24.99 1.00 0.00	33.92 1.33 0.00	32.28 1.48 0.00	38.81 1.56 0.00	39.95 1.44 0.00	48.93 1.57 0.00	40.70 1.54 0.00	42.40 2.08 0.00	37.69 2.11 0.00	47.11 2.22 0.00	57.39 2.67 0.00	51.82 2.68 0.00	41.93 2.26 0.00	40.77 2.20 0.00	40.81 2.39 0.00	41.39 2.41 0.00	38.85 2.17 0.00	37.39 1.99 0.00	38.93 1.71 0.00	37.87 1.82 0.00
PJM_GEN_HTP_PROXY 323702	24.85 1.10 0.00	27.96 1.15 0.00	24.85 0.97 0.00	25.17 0.95 0.00	24.90 0.91 0.00	33.84 1.25 0.00	32.11 1.31 0.00	38.84 1.58 0.00	39.92 1.41 0.00	49.15 1.79 0.00	44.14 1.69 -3.30	42.28 1.96 0.00	37.52 1.93 0.00	46.85 1.96 0.00	57.18 2.46 0.00	51.76 2.62 0.00	41.78 2.12 0.00	40.59 2.03 0.00	41.01 2.28 -0.32	41.31 2.33 0.00	38.65 1.97 0.00	36.46 1.69 0.63	38.43 1.56 0.35	41.80 1.48 -4.27
PJM_GEN_KEystone 24065	23.47 0.32 0.60	29.25 0.55 -1.89	24.19 0.31 0.00	24.65 0.43 0.00	24.32 0.33 0.00	34.50 0.71 -1.20	30.30 0.45 0.94	38.50 0.60 -0.64	36.93 0.09 1.67	47.80 0.21 -0.23	37.49 -0.01 1.66	42.74 0.21 -2.21	35.71 0.13 0.00	44.72 -0.17 0.00	54.76 0.04 0.00	49.28 0.13 0.00	39.89 0.22 0.00	38.54 -0.03 0.00	39.73 0.50 -0.81	39.33 0.35 0.00	36.85 0.18 0.00	34.67 -0.10 0.63	37.27 0.00 -0.05	40.46 0.15 -4.27
PJM_GEN_NEPTUNE_PROXY 323594	25.01 1.26 0.00	28.13 1.31 0.00	24.93 1.05 0.00	25.26 1.04 0.00	24.94 0.95 0.00	33.86 1.26 0.00	32.15 1.35 0.00	38.67 1.41 0.00	39.78 1.27 0.00	48.79 1.43 -3.30	43.86 1.41 0.00	42.18 1.87 0.00	37.50 1.92 0.00	46.88 1.99 0.00	57.11 2.39 0.00	51.60 2.45 0.00	41.72 2.06 0.00	40.56 1.99 0.00	40.90 2.17 -0.32	41.18 2.20 0.00	38.60 1.93 0.00	36.51 1.74 0.63	38.41 1.54 0.35	41.94 1.62 -4.27
PJM_GEN_VFT_PROXY 323633	24.76 1.01 0.00	27.86 1.05 0.00	24.76 0.88 0.00	25.08 0.87 0.00	24.80 0.81 0.00	33.74 1.15 0.00	32.00 1.20 0.00	38.71 1.45 0.00	39.74 1.23 0.00	48.91 1.55 0.00	43.94 1.49 -3.30	42.08 1.76 0.00	37.34 1.75 0.00	46.58 1.69 0.00	56.86 2.14 0.00	51.50 2.36 0.00	41.56 1.89 0.00	40.38 1.82 0.00	40.84 2.11 -0.32	41.14 2.16 0.00	38.48 1.81 0.00	36.30 1.53 0.63	38.28 1.42 0.35	41.66 1.34 -4.27
PLATSBURG_115KV_PMLD1 355749	-21.20 -1.56 43.39	-21.23 -1.69 46.36	-21.22 -1.52 43.59	-22.48 -1.61 45.08	-21.63 -1.60 44.01	-21.35 -2.04 51.91	-21.20 -1.69 50.31	16.56 -1.67 19.03	37.04 -1.47 0.00	45.80 -1.55 0.00	38.23 -0.93 0.00	39.57 -0.75 0.00	34.82 -0.76 0.00	43.73 -1.15 0.00	53.00 -1.73 0.00	47.69 -1.46 0.00	38.83 -0.84 0.00	38.14 -0.43 0.00	37.95 -0.46 0.00	38.57 -0.41 0.00	36.77 0.09 0.00	35.74 0.34 0.00	37.78 0.56 0.00	36.60 0.55 0.00
PLEASANTVLY___LBMP 24000	24.55 0.80 0.00	27.65 0.83 0.00	24.59 0.71 0.00	24.90 0.68 0.00	24.64 0.66 0.00	33.43 0.83 0.00	31.65 0.85 0.00	38.27 1.01 0.00	39.41 0.90 0.00	48.50 1.14 0.00	40.30 1.14 0.00	41.65 1.34 0.00	36.93 1.34 0.00	46.18 1.29 0.00	56.32 1.59 0.00	50.95 1.81 0.00	41.11 1.44 0.00	39.91 1.35 0.00	39.98 1.57 0.00	40.62 1.64 0.00	38.06 1.38 0.00	36.52 1.12 0.00	38.17 0.95 0.00	36.93 0.87 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.74 0.99 0.00	27.84 1.02 0.00	24.75 0.87 0.00	25.07 0.86 0.00	24.81 0.82 0.00	33.71 1.12 0.00	31.96 1.16 0.00	38.64 1.38 0.00	39.75 1.24 0.00	48.93 1.58 0.00	40.68 1.52 0.00	42.06 1.74 0.00	37.30 1.72 0.00	46.60 1.71 0.00	56.87 2.15 0.00	51.47 2.33 0.00	41.52 1.86 0.00	40.32 1.75 0.00	40.41 2.00 0.00	41.04 2.06 0.00	38.44 1.77 0.00	36.88 1.48 0.00	38.55 1.33 0.00	37.29 1.25 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.74 0.99 0.00	27.84 1.02 0.00	24.75 0.87 0.00	25.07 0.86 0.00	24.81 0.82 0.00	33.71 1.12 0.00	31.96 1.16 0.00	38.64 1.38 0.00	39.75 1.24 0.00	48.93 1.58 0.00	40.68 1.52 0.00	42.06 1.74 0.00	37.30 1.72 0.00	46.60 1.71 0.00	56.87 2.15 0.00	51.47 2.33 0.00	41.52 1.86 0.00	40.32 1.75 0.00	40.41 2.00 0.00	41.04 2.06 0.00	38.44 1.77 0.00	36.88 1.48 0.00	38.55 1.33 0.00	37.29 1.25 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.69 0.94 0.00	27.80 0.98 0.00	24.72 0.83 0.00	25.04 0.82 0.00	24.78 0.79 0.00	33.63 1.04 0.00	31.88 1.08 0.00	38.57 1.31 0.00	39.73 1.22 0.00	48.89 1.54 0.00	40.64 1.49 0.00	42.00 1.68 0.00	37.24 1.66 0.00	46.58 1.69 0.00	56.80 2.08 0.00	51.37 2.23 0.00	41.47 1.80 0.00	40.28 1.71 0.00	40.37 1.96 0.00	41.01 2.04 0.00	38.40 1.72 0.00	36.82 1.43 0.00	38.47 1.25 0.00	37.17 1.12 0.00
POLETTI___ 23519	24.88 1.13 0.00	27.99 1.17 0.00	24.87 0.99 0.00	25.20 0.98 0.00	24.91 0.93 0.00	33.87 1.28 0.00	32.13 1.33 0.00	38.86 1.60 0.00	39.93 1.42 0.00	49.16 1.81 0.00	40.87 1.72 0.00	42.29 1.97 0.00	37.54 1.96 0.00	46.86 1.97 0.00	57.20 2.47 0.00	51.79 2.65 0.00	41.81 2.14 0.00	40.62 2.05 0.00	40.71 2.30 0.00	41.32 2.35 0.00	38.67 1.99 0.00	37.11 1.71 0.00	38.81 1.59 0.00	37.55 1.50 0.00
POMONA___ESR 323819	24.66 0.91 0.00	27.72 0.90 0.00	24.59 0.70 0.00	24.93 0.71 0.00	24.63 0.65 0.00	33.54 0.95 0.00	31.76 0.96 0.00	38.44 1.17 0.00	39.43 0.92 0.00	48.40 1.05 0.00	40.21 1.06 0.00	41.66 1.34 0.00	36.91 1.33 0.00	46.07 1.18 0.00	56.29 1.56 0.00	50.91 1.77 0.00	41.10 1.43 0.00	39.90 1.34 0.00	40.09 1.68 0.00	40.71 1.73 0.00	38.06 1.38 0.00	36.48 1.08 0.00	38.13 0.91 0.00	36.90 0.85 0.00
PORT_JEFF_3 23555	25.01 1.26 0.00	28.11 1.29 0.00	24.89 1.01 0.00	25.19 0.97 0.00	24.86 0.87 0.00	33.72 1.12 0.00	32.13 1.33 0.00	38.57 1.32 0.00	39.67 1.16 0.00	48.55 1.19 0.00	40.36 1.20 0.00	42.12 1.80 0.00	37.50 1.92 0.00	46.87 1.98 0.00	57.10 2.38 0.00	51.57 2.43 0.00	41.67 2.01 0.00	40.54 1.97 0.00	40.43 2.02 0.00	41.03 2.05 0.00	38.53 1.85 0.00	37.06 1.66 0.00	38.53 1.31 0.00	37.62 1.57 0.00

PORT_JEFF_4 23616	25.01 1.26 0.00	28.11 1.29 0.00	24.89 1.01 0.00	25.19 0.97 0.00	24.86 0.87 0.00	33.72 1.12 0.00	32.13 1.33 0.00	38.57 1.32 0.00	39.67 1.16 0.00	48.55 1.19 0.00	40.36 1.20 0.00	42.12 1.80 0.00	37.50 1.92 0.00	46.87 1.98 0.00	57.10 2.38 0.00	51.57 2.43 0.00	41.67 2.01 0.00	40.54 1.97 0.00	40.43 2.02 0.00	41.03 2.05 0.00	38.53 1.85 0.00	37.06 1.66 0.00	38.53 1.31 0.00	37.62 1.57 0.00
PORT_JEFF_IC 23713	24.99 1.24 0.00	28.08 1.26 0.00	24.86 0.97 0.00	25.15 0.93 0.00	24.83 0.84 0.00	33.66 1.07 0.00	32.09 1.30 0.00	38.53 1.27 0.00	39.63 1.12 0.00	48.50 1.14 0.00	40.32 1.16 0.00	42.09 1.77 0.00	37.49 1.91 0.00	46.85 1.96 0.00	57.07 2.34 0.00	51.55 2.41 0.00	41.66 2.00 0.00	40.52 1.96 0.00	40.28 1.87 0.00	40.87 1.89 0.00	38.37 1.69 0.00	36.91 1.51 0.00	38.36 1.14 0.00	37.58 1.54 0.00
PPL PILGRIM_ST_GT1 24216	25.21 1.46 0.00	28.33 1.51 0.00	25.07 1.19 0.00	25.39 1.17 0.00	25.05 1.07 0.00	33.99 1.40 0.00	32.38 1.59 0.00	38.90 1.64 0.00	40.01 1.50 0.00	48.97 1.61 0.00	40.71 1.56 0.00	42.47 2.15 0.00	37.79 2.21 0.00	47.21 2.32 0.00	57.55 2.82 0.00	51.90 2.76 0.00	41.86 2.20 0.00	40.73 2.16 0.00	40.75 2.34 0.00	41.34 2.36 0.00	38.95 2.27 0.00	37.49 2.09 0.00	38.98 1.76 0.00	37.95 1.89 0.00
PPL PILGRIM_ST_GT2 24217	25.21 1.46 0.00	28.33 1.51 0.00	25.07 1.19 0.00	25.39 1.17 0.00	25.05 1.07 0.00	33.99 1.40 0.00	32.38 1.59 0.00	38.90 1.64 0.00	40.01 1.50 0.00	48.97 1.61 0.00	40.71 1.56 0.00	42.47 2.15 0.00	37.79 2.21 0.00	47.21 2.32 0.00	57.55 2.82 0.00	51.90 2.76 0.00	41.86 2.20 0.00	40.73 2.16 0.00	40.75 2.34 0.00	41.34 2.36 0.00	38.95 2.27 0.00	37.49 2.09 0.00	38.98 1.76 0.00	37.95 1.89 0.00
PPL_SHRM_GT3 24213	24.41 0.66 0.00	27.41 0.60 0.00	24.29 0.41 0.00	24.56 0.34 0.00	24.25 0.27 0.00	32.85 0.26 0.00	31.38 0.59 0.00	37.63 0.37 0.00	38.67 0.16 0.00	47.23 -0.12 0.00	39.24 0.08 0.00	41.02 0.70 0.00	36.58 1.00 0.00	45.78 0.89 0.00	55.68 0.95 0.00	50.35 1.21 0.00	40.62 0.95 0.00	39.55 0.99 0.00	39.57 1.16 0.00	40.19 1.21 0.00	37.66 0.98 0.00	36.19 0.79 0.00	37.55 0.33 0.00	36.56 0.51 0.00
PPL_SHRM_GT4 24214	24.41 0.66 0.00	27.41 0.60 0.00	24.29 0.41 0.00	24.56 0.34 0.00	24.25 0.27 0.00	32.85 0.26 0.00	31.38 0.59 0.00	37.63 0.37 0.00	38.67 0.16 0.00	47.23 -0.12 0.00	39.24 0.08 0.00	41.02 0.70 0.00	36.58 1.00 0.00	45.78 0.89 0.00	55.68 0.95 0.00	50.35 1.21 0.00	40.62 0.95 0.00	39.55 0.99 0.00	39.57 1.16 0.00	40.19 1.21 0.00	37.66 0.98 0.00	36.19 0.79 0.00	37.55 0.33 0.00	36.56 0.51 0.00
PROJECT___ORANGE 1 24174	23.79 0.04 0.00	26.87 0.05 0.00	23.91 0.03 0.00	24.27 0.05 0.00	24.05 0.06 0.00	32.79 0.20 0.00	30.94 0.14 0.00	37.42 0.16 0.00	38.54 0.03 0.00	47.48 0.12 0.00	39.19 0.03 0.00	40.39 0.08 0.00	35.63 0.04 0.00	44.81 -0.08 0.00	54.69 -0.04 0.00	49.12 -0.03 0.00	39.72 0.06 0.00	38.57 0.01 0.00	38.63 0.22 0.00	39.12 0.14 0.00	36.71 0.03 0.00	35.30 -0.10 0.00	37.19 -0.03 0.00	36.05 0.00 0.00
PROJECT___ORANGE 2 24166	23.79 0.04 0.00	26.87 0.05 0.00	23.91 0.03 0.00	24.27 0.05 0.00	24.05 0.06 0.00	32.79 0.20 0.00	30.94 0.14 0.00	37.42 0.16 0.00	38.54 0.03 0.00	47.48 0.12 0.00	39.19 0.03 0.00	40.39 0.08 0.00	35.63 0.04 0.00	44.81 -0.08 0.00	54.69 -0.04 0.00	49.12 -0.03 0.00	39.72 0.06 0.00	38.57 0.01 0.00	38.63 0.22 0.00	39.12 0.14 0.00	36.71 0.03 0.00	35.30 -0.10 0.00	37.19 -0.03 0.00	36.05 0.00 0.00
PUCKETT___SOLAR 323809	24.14 0.39 0.00	27.21 0.40 0.00	24.31 0.43 0.00	24.69 0.47 0.00	24.42 0.44 0.00	33.48 0.89 0.00	31.51 0.71 0.00	38.27 1.00 0.00	39.33 0.82 0.00	48.56 1.21 0.00	39.98 0.83 0.00	41.45 1.14 0.00	36.50 0.91 0.00	45.89 1.00 0.00	56.04 1.31 0.00	50.35 1.21 0.00	40.85 1.18 0.00	39.59 1.02 0.00	39.84 1.43 0.00	40.30 1.32 0.00	37.81 1.13 0.00	36.15 0.75 0.00	38.01 0.79 0.00	36.94 0.89 0.00
PYRITES___HYD 24023	28.83 -0.03 -5.11	32.35 0.07 -5.46	29.11 0.10 -5.13	29.64 0.12 -5.31	29.31 0.14 -5.18	39.05 0.35 -6.11	37.20 0.47 -5.92	40.21 0.71 -2.24	39.33 0.82 0.00	48.12 0.76 0.00	39.64 0.48 0.00	40.21 -0.10 0.00	35.21 -0.37 0.00	44.53 -0.36 0.00	54.06 -0.67 0.00	48.49 -0.66 0.00	39.26 -0.41 0.00	38.66 0.09 0.00	38.51 0.10 0.00	39.42 0.44 0.00	37.26 0.58 0.00	36.25 0.86 0.00	38.40 1.18 0.00	37.25 1.20 0.00
QUAKERRD_115KV_BK1 80622	23.45 -0.30 0.00	26.78 -0.04 0.00	23.72 -0.16 0.00	24.17 -0.04 0.00	23.92 -0.07 0.00	32.81 0.22 0.00	30.62 -0.18 0.00	36.79 -0.48 0.00	37.55 -0.96 0.00	46.45 -0.91 0.00	38.05 -1.11 0.00	39.08 -1.23 0.00	34.30 -1.29 0.00	43.18 -1.71 0.00	52.84 -1.88 0.00	47.46 -1.69 0.00	38.49 -1.18 0.00	37.33 -1.23 0.00	37.45 -0.96 0.00	37.80 -1.18 0.00	35.57 -1.10 0.00	34.19 -1.22 0.00	36.25 -0.96 0.00	35.35 -0.70 0.00
QUEENSBRY_115KV_TB8 356137	25.41 1.67 0.00	28.68 1.86 0.00	25.47 1.59 0.00	25.70 1.48 0.00	25.50 1.52 0.00	34.59 2.00 0.00	32.74 1.94 0.00	39.57 2.31 0.00	40.95 2.44 0.00	50.56 3.20 0.00	41.91 2.75 0.00	43.18 2.87 0.00	38.11 2.53 0.00	47.96 3.08 0.00	58.58 3.85 0.00	53.07 3.93 0.00	42.76 3.10 0.00	41.54 2.98 0.00	41.57 3.16 0.00	42.12 3.15 0.00	39.57 2.90 0.00	37.83 2.43 0.00	39.29 2.07 0.00	37.91 1.85 0.00
RAMAPO___LBMP 323565	24.57 0.82 0.00	27.64 0.82 0.00	24.52 0.64 0.00	24.86 0.64 0.00	24.57 0.58 0.00	33.44 0.85 0.00	31.67 0.87 0.00	38.33 1.07 0.00	39.34 0.83 0.00	48.29 0.93 0.00	40.13 0.97 0.00	41.56 1.24 0.00	36.82 1.23 0.00	45.95 1.07 0.00	56.14 1.42 0.00	50.77 1.62 0.00	40.98 1.31 0.00	39.79 1.22 0.00	39.96 1.55 0.00	40.58 1.60 0.00	37.94 1.27 0.00	36.37 0.97 0.00	38.04 0.81 0.00	36.81 0.75 0.00
RANKINE____ 23646	24.04 0.29 0.00	27.69 0.87 0.00	24.40 0.52 0.00	25.00 0.78 0.00	24.68 0.69 0.00	34.02 1.43 0.00	31.44 0.64 0.00	37.70 0.44 0.00	38.12 -0.39 0.00	47.29 -0.07 0.00	38.56 -0.59 0.00	39.66 -0.65 0.00	34.77 -0.81 0.00	43.81 -1.08 0.00	53.69 -1.03 0.00	48.04 -1.10 0.00	38.97 -0.69 0.00	37.64 -0.93 0.00	37.82 -0.59 0.00	38.03 -0.95 0.00	35.71 -0.97 0.00	34.25 -1.15 0.00	36.82 -0.40 0.00	36.22 0.17 0.00
RAVENSWOOD_GT2_1 24244	24.86 1.11 0.00	27.98 1.16 0.00	24.86 0.98 0.00	25.18 0.96 0.00	24.90 0.91 0.00	33.84 1.25 0.00	32.11 1.31 0.00	38.84 1.58 0.00	39.92 1.41 0.00	49.14 1.78 0.00	40.85 1.69 0.00	42.27 1.96 0.00	37.51 1.93 0.00	46.83 1.94 0.00	57.16 2.43 0.00	51.74 2.60 0.00	41.77 2.10 0.00	40.58 2.02 0.00	40.67 2.26 0.00	41.30 2.33 0.00	38.66 1.98 0.00	37.10 1.70 0.00	38.79 1.57 0.00	37.54 1.49 0.00

RAVENSWOOD_GT2_2 24245	24.86 1.11 0.00	27.98 1.16 0.00	24.86 0.98 0.00	25.18 0.96 0.00	24.90 0.91 0.00	33.84 1.25 0.00	32.11 1.31 0.00	38.84 1.58 0.00	39.92 1.41 0.00	49.14 1.78 0.00	40.85 1.69 0.00	42.27 1.96 0.00	37.51 1.93 0.00	46.83 1.94 0.00	57.16 2.43 0.00	51.74 2.60 0.00	41.77 2.10 0.00	40.58 2.02 0.00	40.67 2.26 0.00	41.30 2.33 0.00	38.66 1.98 0.00	37.10 1.70 0.00	38.79 1.57 0.00	37.54 1.49 0.00
RAVENSWOOD_GT2_3 24246	24.87 1.12 0.00	27.99 1.17 0.00	24.87 0.99 0.00	25.19 0.97 0.00	24.91 0.92 0.00	33.86 1.27 0.00	32.12 1.32 0.00	38.86 1.60 0.00	39.94 1.43 0.00	49.16 1.81 0.00	40.87 1.72 0.00	42.29 1.97 0.00	37.54 1.95 0.00	46.85 1.96 0.00	57.19 2.46 0.00	51.76 2.62 0.00	41.78 2.12 0.00	40.60 2.04 0.00	40.70 2.29 0.00	41.32 2.34 0.00	38.68 2.00 0.00	37.12 1.72 0.00	38.82 1.60 0.00	37.56 1.51 0.00
RAVENSWOOD_GT2_4 24247	24.87 1.12 0.00	27.99 1.17 0.00	24.87 0.99 0.00	25.19 0.97 0.00	24.91 0.92 0.00	33.86 1.27 0.00	32.12 1.32 0.00	38.86 1.60 0.00	39.94 1.43 0.00	49.16 1.81 0.00	40.87 1.72 0.00	42.29 1.97 0.00	37.54 1.95 0.00	46.85 1.96 0.00	57.19 2.46 0.00	51.76 2.62 0.00	41.78 2.12 0.00	40.60 2.04 0.00	40.70 2.29 0.00	41.32 2.34 0.00	38.68 2.00 0.00	37.12 1.72 0.00	38.82 1.60 0.00	37.56 1.51 0.00
RAVENSWOOD_GT3_1 24248	24.86 1.11 0.00	27.98 1.16 0.00	24.86 0.98 0.00	25.18 0.96 0.00	24.90 0.91 0.00	33.84 1.25 0.00	32.11 1.31 0.00	38.84 1.58 0.00	39.92 1.41 0.00	49.14 1.78 0.00	40.85 1.69 0.00	42.27 1.96 0.00	37.51 1.93 0.00	46.83 1.94 0.00	57.16 2.43 0.00	51.74 2.60 0.00	41.77 2.10 0.00	40.59 2.02 0.00	40.68 2.27 0.00	41.30 2.33 0.00	38.66 1.98 0.00	37.10 1.70 0.00	38.79 1.57 0.00	37.54 1.49 0.00
RAVENSWOOD_GT3_2 24249	24.86 1.11 0.00	27.98 1.16 0.00	24.86 0.98 0.00	25.18 0.96 0.00	24.90 0.91 0.00	33.84 1.25 0.00	32.11 1.31 0.00	38.84 1.58 0.00	39.92 1.41 0.00	49.14 1.78 0.00	40.85 1.69 0.00	42.27 1.96 0.00	37.51 1.93 0.00	46.83 1.94 0.00	57.16 2.43 0.00	51.74 2.60 0.00	41.77 2.10 0.00	40.59 2.02 0.00	40.68 2.27 0.00	41.30 2.33 0.00	38.66 1.98 0.00	37.10 1.70 0.00	38.79 1.57 0.00	37.54 1.49 0.00
RAVENSWOOD_GT3_3 24250	24.90 1.15 0.00	28.02 1.20 0.00	24.89 1.01 0.00	25.22 1.00 0.00	24.94 0.95 0.00	33.90 1.31 0.00	32.16 1.36 0.00	38.90 1.64 0.00	39.99 1.48 0.00	49.23 1.88 0.00	40.93 1.77 0.00	42.35 2.03 0.00	37.58 2.00 0.00	46.92 2.03 0.00	57.27 2.54 0.00	51.85 2.70 0.00	41.85 2.19 0.00	40.66 2.09 0.00	40.76 2.35 0.00	41.38 2.40 0.00	38.73 2.06 0.00	37.17 1.77 0.00	38.86 1.65 0.00	37.61 1.56 0.00
RAVENSWOOD_GT3_4 24251	24.90 1.15 0.00	28.02 1.20 0.00	24.89 1.01 0.00	25.22 1.00 0.00	24.94 0.95 0.00	33.90 1.31 0.00	32.16 1.36 0.00	38.90 1.64 0.00	39.99 1.48 0.00	49.23 1.88 0.00	40.93 1.77 0.00	42.35 2.03 0.00	37.58 2.00 0.00	46.92 2.03 0.00	57.27 2.54 0.00	51.85 2.70 0.00	41.85 2.19 0.00	40.66 2.09 0.00	40.76 2.35 0.00	41.38 2.40 0.00	38.73 2.06 0.00	37.17 1.77 0.00	38.86 1.65 0.00	37.61 1.56 0.00
RAVENSWOOD_GT_1 23729	24.91 1.16 0.00	28.01 1.19 0.00	24.91 1.03 0.00	25.22 1.01 0.00	24.94 0.96 0.00	33.90 1.30 0.00	32.14 1.35 0.00	38.88 1.62 0.00	39.96 1.45 0.00	49.18 1.83 0.00	40.89 1.73 0.00	42.29 1.98 0.00	37.56 1.98 0.00	46.83 1.94 0.00	57.17 2.44 0.00	51.76 2.62 0.00	41.77 2.11 0.00	40.59 2.02 0.00	40.68 2.27 0.00	41.29 2.32 0.00	38.66 1.99 0.00	37.11 1.71 0.00	38.83 1.62 0.00	37.57 1.52 0.00
RAVENSWOOD_GT_10 24258	24.86 1.11 0.00	27.98 1.16 0.00	24.86 0.98 0.00	25.18 0.96 0.00	24.90 0.91 0.00	33.85 1.25 0.00	32.11 1.31 0.00	38.84 1.58 0.00	39.92 1.41 0.00	49.14 1.78 0.00	40.85 1.69 0.00	42.27 1.96 0.00	37.51 1.93 0.00	46.83 1.94 0.00	57.16 2.43 0.00	51.75 2.60 0.00	41.77 2.11 0.00	40.59 2.02 0.00	40.68 2.27 0.00	41.30 2.33 0.00	38.66 1.98 0.00	37.10 1.70 0.00	38.80 1.58 0.00	37.54 1.49 0.00
RAVENSWOOD_GT_11 24259	24.86 1.11 0.00	27.98 1.16 0.00	24.86 0.98 0.00	25.18 0.96 0.00	24.90 0.91 0.00	33.85 1.25 0.00	32.11 1.31 0.00	38.84 1.58 0.00	39.92 1.41 0.00	49.14 1.78 0.00	40.85 1.69 0.00	42.27 1.96 0.00	37.51 1.93 0.00	46.83 1.94 0.00	57.16 2.43 0.00	51.75 2.60 0.00	41.77 2.11 0.00	40.59 2.02 0.00	40.68 2.27 0.00	41.30 2.33 0.00	38.66 1.98 0.00	37.10 1.70 0.00	38.80 1.58 0.00	37.54 1.49 0.00
RAVENSWOOD_GT_4 24252	24.86 1.11 0.00	27.98 1.16 0.00	24.86 0.97 0.00	25.18 0.96 0.00	24.90 0.91 0.00	33.85 1.26 0.00	32.11 1.31 0.00	38.85 1.59 0.00	39.92 1.41 0.00	49.14 1.79 0.00	40.85 1.69 0.00	42.28 1.96 0.00	37.52 1.93 0.00	46.85 1.96 0.00	57.18 2.46 0.00	51.76 2.62 0.00	41.78 2.12 0.00	40.60 2.03 0.00	40.70 2.29 0.00	41.32 2.35 0.00	38.68 2.00 0.00	37.12 1.72 0.00	38.82 1.60 0.00	37.56 1.50 0.00
RAVENSWOOD_GT_5 24254	24.86 1.11 0.00	27.98 1.16 0.00	24.86 0.97 0.00	25.18 0.96 0.00	24.90 0.91 0.00	33.85 1.26 0.00	32.11 1.31 0.00	38.85 1.59 0.00	39.92 1.41 0.00	49.14 1.79 0.00	40.85 1.69 0.00	42.28 1.96 0.00	37.52 1.93 0.00	46.85 1.96 0.00	57.18 2.46 0.00	51.76 2.62 0.00	41.78 2.12 0.00	40.60 2.03 0.00	40.70 2.29 0.00	41.32 2.35 0.00	38.68 2.00 0.00	37.12 1.72 0.00	38.82 1.60 0.00	37.56 1.50 0.00
RAVENSWOOD_GT_6 24253	24.86 1.11 0.00	27.98 1.16 0.00	24.86 0.97 0.00	25.18 0.96 0.00	24.90 0.91 0.00	33.85 1.26 0.00	32.11 1.31 0.00	38.85 1.59 0.00	39.92 1.41 0.00	49.14 1.79 0.00	40.85 1.69 0.00	42.28 1.96 0.00	37.52 1.93 0.00	46.85 1.96 0.00	57.18 2.46 0.00	51.76 2.62 0.00	41.78 2.12 0.00	40.60 2.03 0.00	40.70 2.29 0.00	41.32 2.35 0.00	38.68 2.00 0.00	37.12 1.72 0.00	38.82 1.60 0.00	37.56 1.50 0.00
RAVENSWOOD_GT_7 24255	24.86 1.11 0.00	27.98 1.16 0.00	24.86 0.97 0.00	25.18 0.96 0.00	24.90 0.91 0.00	33.85 1.26 0.00	32.11 1.31 0.00	38.85 1.59 0.00	39.92 1.41 0.00	49.14 1.79 0.00	40.85 1.69 0.00	42.28 1.96 0.00	37.52 1.93 0.00	46.85 1.96 0.00	57.18 2.46 0.00	51.76 2.62 0.00	41.78 2.12 0.00	40.60 2.03 0.00	40.70 2.29 0.00	41.32 2.35 0.00	38.68 2.00 0.00	37.12 1.72 0.00	38.82 1.60 0.00	37.56 1.50 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.86 1.11 0.00	27.98 1.16 0.00	24.86 0.98 0.00	25.18 0.96 0.00	24.90 0.91 0.00	33.85 1.25 0.00	32.11 1.31 0.00	38.84 1.58 0.00	39.92 1.41 0.00	49.14 1.78 0.00	40.85 1.69 0.00	42.27 1.96 0.00	37.51 1.93 0.00	46.83 1.94 0.00	57.16 2.43 0.00	51.75 2.60 0.00	41.77 2.11 0.00	40.59 2.02 0.00	40.68 2.27 0.00	41.30 2.33 0.00	38.66 1.98 0.00	37.10 1.70 0.00	38.80 1.58 0.00	37.54 1.49 0.00

RAVENSWOOD_GT_9 24257	24.86 1.11 0.00	27.98 1.16 0.00	24.86 0.98 0.00	25.18 0.96 0.00	24.90 0.91 0.00	33.85 1.25 0.00	32.11 1.31 0.00	38.84 1.58 0.00	39.92 1.41 0.00	49.14 1.78 0.00	40.85 1.69 0.00	42.27 1.96 0.00	37.51 1.93 0.00	46.83 1.94 0.00	57.16 2.43 0.00	51.75 2.60 0.00	41.77 2.11 0.00	40.59 2.02 0.00	40.68 2.27 0.00	41.30 2.33 0.00	38.66 1.98 0.00	37.10 1.70 0.00	38.80 1.58 0.00	37.54 1.49 0.00
RAVENSWOOD___1 23533	24.89 1.15 0.00	27.99 1.17 0.00	24.89 1.01 0.00	25.20 0.98 0.00	24.93 0.94 0.00	33.87 1.28 0.00	32.13 1.33 0.00	38.86 1.60 0.00	39.94 1.43 0.00	49.16 1.81 0.00	40.86 1.70 0.00	42.23 1.91 0.00	37.49 1.91 0.00	46.76 1.88 0.00	57.09 2.37 0.00	51.68 2.54 0.00	41.71 2.04 0.00	40.53 1.96 0.00	40.61 2.21 0.00	41.25 2.26 0.00	38.61 1.93 0.00	37.07 1.67 0.00	38.77 1.55 0.00	37.50 1.45 0.00
RAVENSWOOD___2 23534	24.88 1.13 0.00	27.97 1.16 0.00	24.88 0.99 0.00	25.18 0.96 0.00	24.90 0.92 0.00	33.84 1.25 0.00	32.10 1.30 0.00	38.83 1.58 0.00	39.91 1.40 0.00	49.13 1.78 0.00	40.84 1.69 0.00	42.23 1.91 0.00	37.49 1.91 0.00	46.76 1.88 0.00	57.09 2.37 0.00	51.68 2.54 0.00	41.71 2.04 0.00	40.53 1.96 0.00	40.61 2.21 0.00	41.25 2.26 0.00	38.61 1.93 0.00	37.07 1.67 0.00	38.77 1.55 0.00	37.50 1.45 0.00
RAVENSWOOD___3 23535	24.86 1.11 0.00	27.98 1.16 0.00	24.86 0.98 0.00	25.18 0.96 0.00	24.91 0.92 0.00	33.85 1.25 0.00	32.11 1.31 0.00	38.84 1.58 0.00	39.92 1.41 0.00	49.14 1.78 0.00	40.85 1.69 0.00	42.27 1.96 0.00	37.51 1.93 0.00	46.83 1.94 0.00	57.16 2.43 0.00	51.75 2.60 0.00	41.76 2.10 0.00	40.58 2.01 0.00	40.68 2.27 0.00	41.31 2.33 0.00	38.66 1.98 0.00	37.10 1.70 0.00	38.80 1.58 0.00	37.54 1.49 0.00
RAVENSWOOD___4 23820	24.88 1.13 0.00	27.97 1.16 0.00	24.88 0.99 0.00	25.18 0.96 0.00	24.90 0.92 0.00	33.84 1.25 0.00	32.10 1.30 0.00	38.83 1.58 0.00	39.91 1.40 0.00	49.13 1.78 0.00	40.84 1.69 0.00	42.23 1.91 0.00	37.49 1.91 0.00	46.76 1.88 0.00	57.09 2.37 0.00	51.68 2.54 0.00	41.71 2.04 0.00	40.53 1.96 0.00	40.61 2.21 0.00	41.25 2.26 0.00	38.61 1.93 0.00	37.07 1.67 0.00	38.77 1.55 0.00	37.50 1.45 0.00
RCPI_TRUST___DRP 24196	24.89 1.14 0.00	28.01 1.19 0.00	24.88 1.00 0.00	25.21 0.99 0.00	24.93 0.94 0.00	33.89 1.30 0.00	32.16 1.36 0.00	38.90 1.64 0.00	40.00 1.49 0.00	49.24 1.89 0.00	40.93 1.78 0.00	42.37 2.06 0.00	37.60 2.01 0.00	46.94 2.05 0.00	57.30 2.57 0.00	51.87 2.73 0.00	41.88 2.21 0.00	40.68 2.11 0.00	40.77 2.36 0.00	41.38 2.40 0.00	38.72 2.05 0.00	37.15 1.76 0.00	38.87 1.65 0.00	37.62 1.57 0.00
RED___ROCHESTER 323720	24.05 0.30 0.00	27.50 0.68 0.00	24.34 0.46 0.00	24.82 0.60 0.00	24.55 0.56 0.00	33.71 1.12 0.00	31.39 0.59 0.00	37.72 0.45 0.00	38.44 -0.07 0.00	47.60 0.24 0.00	38.95 -0.21 0.00	40.01 -0.30 0.00	35.05 -0.53 0.00	44.15 -0.74 0.00	54.07 -0.65 0.00	48.56 -0.59 0.00	39.42 -0.25 0.00	38.22 -0.35 0.00	38.37 -0.04 0.00	38.69 -0.29 0.00	36.40 -0.28 0.00	34.94 -0.46 0.00	37.13 -0.08 0.00	36.24 0.19 0.00
REGAN___SOLAR 323812	25.12 1.37 0.00	28.32 1.51 0.00	25.22 1.34 0.00	25.57 1.36 0.00	25.36 1.37 0.00	34.58 1.99 0.00	32.86 2.06 0.00	39.87 2.61 0.00	41.10 2.59 0.00	50.54 3.19 0.00	41.73 2.57 0.00	42.98 2.66 0.00	37.68 2.10 0.00	47.29 2.40 0.00	57.43 2.70 0.00	52.02 2.88 0.00	42.35 2.68 0.00	41.22 2.65 0.00	41.22 2.81 0.00	41.83 2.85 0.00	39.25 2.57 0.00	37.66 2.26 0.00	39.47 2.25 0.00	38.15 2.10 0.00
RENSSELAER___COGEN 23796	24.10 0.35 0.00	27.15 0.33 0.00	24.18 0.30 0.00	24.44 0.22 0.00	24.24 0.25 0.00	32.77 0.18 0.00	30.98 0.18 0.00	37.40 0.14 0.00	38.88 0.37 0.00	47.99 0.64 0.00	39.62 0.46 0.00	40.70 0.39 0.00	36.01 0.42 0.00	45.24 0.35 0.00	55.12 0.40 0.00	49.80 0.65 0.00	40.03 0.37 0.00	38.84 0.28 0.00	38.83 0.42 0.00	39.46 0.48 0.00	37.11 0.43 0.00	35.65 0.25 0.00	37.31 0.09 0.00	36.14 0.09 0.00
REPUBLIC_115KV_BARTNBRK 55605	26.73 2.98 0.00	30.27 3.45 0.00	26.79 2.91 0.00	26.96 2.74 0.00	26.77 2.79 0.00	36.37 3.78 0.00	34.32 3.52 0.00	40.96 3.70 0.00	42.77 4.26 0.00	52.94 5.58 0.00	43.94 4.79 0.00	45.26 4.95 0.00	39.96 4.37 0.00	50.32 5.43 0.00	61.67 6.94 0.00	56.21 7.07 0.00	45.36 5.69 0.00	43.94 5.37 0.00	44.12 5.71 0.00	44.58 5.61 0.00	41.81 5.14 0.00	39.80 4.41 0.00	41.04 3.82 0.00	39.52 3.46 0.00
REVERE_CPPR_DRP 24186	24.38 0.63 0.00	27.47 0.65 0.00	24.47 0.59 0.00	24.84 0.62 0.00	24.70 0.71 0.00	33.91 1.32 0.00	32.17 1.37 0.00	38.89 1.63 0.00	40.20 1.69 0.00	49.57 2.21 0.00	40.88 1.72 0.00	42.03 1.71 0.00	37.00 1.42 0.00	46.59 1.71 0.00	56.70 1.97 0.00	50.98 1.84 0.00	41.24 1.58 0.00	40.20 1.63 0.00	40.33 1.92 0.00	40.97 1.99 0.00	38.42 1.74 0.00	36.82 1.42 0.00	38.57 1.35 0.00	37.32 1.27 0.00
REYNOLDS_115KV_TB3 80639	24.34 0.59 0.00	27.42 0.60 0.00	24.41 0.53 0.00	24.66 0.44 0.00	24.46 0.48 0.00	33.06 0.47 0.00	31.24 0.44 0.00	37.71 0.45 0.00	39.13 0.62 0.00	48.26 0.90 0.00	39.91 0.75 0.00	41.06 0.74 0.00	36.31 0.73 0.00	45.63 0.74 0.00	55.60 0.87 0.00	50.25 1.11 0.00	40.37 0.70 0.00	39.17 0.60 0.00	39.16 0.75 0.00	39.78 0.80 0.00	37.45 0.77 0.00	35.94 0.54 0.00	37.59 0.37 0.00	36.38 0.32 0.00
RIVERBAY____ 323610	25.07 1.32 0.00	28.21 1.39 0.00	25.11 1.22 0.00	25.41 1.20 0.00	25.16 1.17 0.00	34.03 1.44 0.00	32.31 1.51 0.00	39.08 1.82 0.00	40.18 1.66 0.00	49.36 2.01 0.00	40.94 1.79 0.00	42.40 2.08 0.00	37.65 2.07 0.00	46.94 2.05 0.00	57.31 2.59 0.00	51.84 2.70 0.00	41.87 2.21 0.00	40.69 2.12 0.00	40.75 2.34 0.00	41.47 2.49 0.00	38.79 2.11 0.00	37.25 1.86 0.00	38.98 1.76 0.00	37.65 1.60 0.00
RIVERSDE_115KV_TB3 55908	24.23 0.48 0.00	27.29 0.47 0.00	24.31 0.43 0.00	24.57 0.35 0.00	24.37 0.38 0.00	32.94 0.35 0.00	31.14 0.34 0.00	37.60 0.34 0.00	39.07 0.56 0.00	48.21 0.85 0.00	39.83 0.68 0.00	40.95 0.63 0.00	36.22 0.64 0.00	45.51 0.62 0.00	55.45 0.73 0.00	50.11 0.97 0.00	40.27 0.60 0.00	39.07 0.51 0.00	39.05 0.64 0.00	39.69 0.71 0.00	37.34 0.66 0.00	35.84 0.44 0.00	37.50 0.28 0.00	36.30 0.25 0.00
ROARING___BROOK_WT_PWR 323790	22.67 -1.07 0.00	25.68 -1.14 0.00	23.00 -0.88 0.00	23.37 -0.85 0.00	23.24 -0.75 0.00	31.80 -0.79 0.00	30.07 -0.73 0.00	36.45 -0.81 0.00	37.82 -0.69 0.00	46.62 -0.73 0.00	38.55 -0.61 0.00	39.68 -0.64 0.00	35.03 -0.55 0.00	44.40 -0.49 0.00	54.09 -0.63 0.00	48.50 -0.64 0.00	39.17 -0.50 0.00	38.24 -0.33 0.00	38.03 -0.38 0.00	38.63 -0.35 0.00	36.35 -0.33 0.00	35.14 -0.26 0.00	36.92 -0.30 0.00	35.72 -0.33 0.00

ROCHESRG_115KV_T4 355643	23.83 0.08 0.00	27.25 0.43 0.00	24.12 0.24 0.00	24.60 0.38 0.00	24.32 0.34 0.00	33.39 0.80 0.00	31.08 0.28 0.00	37.31 0.05 0.00	38.01 -0.50 0.00	47.04 -0.31 0.00	38.49 -0.67 0.00	39.54 -0.78 0.00	34.66 -0.92 0.00	43.65 -1.23 0.00	53.44 -1.28 0.00	47.97 -1.18 0.00	38.92 -0.75 0.00	37.72 -0.85 0.00	37.87 -0.54 0.00	38.20 -0.78 0.00	35.95 -0.72 0.00	34.55 -0.85 0.00	36.74 -0.47 0.00	35.90 -0.15 0.00
ROCHESTER_9_IC 23652	23.95 0.20 0.00	27.40 0.58 0.00	24.24 0.36 0.00	24.72 0.51 0.00	24.45 0.46 0.00	33.58 0.98 0.00	31.25 0.46 0.00	37.53 0.27 0.00	38.25 -0.27 0.00	47.35 0.00 0.00	38.75 -0.41 0.00	39.80 -0.52 0.00	34.88 -0.70 0.00	43.92 -0.97 0.00	53.79 -0.93 0.00	48.29 -0.86 0.00	39.18 -0.49 0.00	37.99 -0.58 0.00	38.14 -0.27 0.00	38.47 -0.51 0.00	36.19 -0.49 0.00	34.76 -0.64 0.00	36.96 -0.26 0.00	36.09 0.04 0.00
ROCKVIEW_13_KV_LD 356306	24.85 1.10 0.00	27.98 1.16 0.00	24.85 0.97 0.00	25.17 0.96 0.00	24.90 0.92 0.00	33.85 1.26 0.00	32.14 1.34 0.00	38.87 1.61 0.00	39.95 1.44 0.00	49.17 1.82 0.00	40.86 1.70 0.00	42.29 1.97 0.00	37.54 1.96 0.00	46.86 1.97 0.00	57.20 2.47 0.00	51.75 2.61 0.00	41.78 2.12 0.00	40.59 2.02 0.00	40.67 2.26 0.00	41.34 2.36 0.00	38.66 1.98 0.00	37.13 1.73 0.00	38.77 1.55 0.00	37.53 1.47 0.00
ROME____115KV_TB2 80656	24.38 0.63 0.00	27.47 0.65 0.00	24.47 0.59 0.00	24.84 0.62 0.00	24.70 0.71 0.00	33.91 1.32 0.00	32.17 1.37 0.00	38.89 1.63 0.00	40.20 1.69 0.00	49.57 2.21 0.00	40.88 1.72 0.00	42.03 1.71 0.00	37.00 1.42 0.00	46.59 1.71 0.00	56.70 1.97 0.00	50.98 1.84 0.00	41.24 1.58 0.00	40.20 1.63 0.00	40.33 1.92 0.00	40.97 1.99 0.00	38.42 1.74 0.00	36.82 1.42 0.00	38.57 1.35 0.00	37.32 1.27 0.00
ROSETON___1 23587	24.53 0.78 0.00	27.62 0.80 0.00	24.55 0.67 0.00	24.87 0.65 0.00	24.60 0.62 0.00	33.39 0.79 0.00	31.61 0.82 0.00	38.22 0.96 0.00	39.33 0.82 0.00	48.37 1.02 0.00	40.20 1.05 0.00	41.54 1.22 0.00	36.84 1.25 0.00	46.02 1.13 0.00	56.12 1.40 0.00	50.75 1.60 0.00	40.97 1.31 0.00	39.78 1.21 0.00	39.84 1.43 0.00	40.46 1.49 0.00	37.91 1.24 0.00	36.40 1.01 0.00	38.09 0.87 0.00	36.88 0.82 0.00
ROSETON___2 23588	24.53 0.78 0.00	27.62 0.80 0.00	24.55 0.67 0.00	24.87 0.65 0.00	24.60 0.62 0.00	33.39 0.79 0.00	31.61 0.82 0.00	38.22 0.96 0.00	39.33 0.82 0.00	48.37 1.02 0.00	40.20 1.05 0.00	41.54 1.22 0.00	36.84 1.25 0.00	46.02 1.13 0.00	56.12 1.40 0.00	50.75 1.60 0.00	40.97 1.31 0.00	39.78 1.21 0.00	39.84 1.43 0.00	40.46 1.49 0.00	37.91 1.24 0.00	36.40 1.01 0.00	38.09 0.87 0.00	36.88 0.82 0.00
ROTRRDAM_115KV_TB3 80664	24.44 0.69 0.00	27.55 0.73 0.00	24.54 0.66 0.00	24.84 0.62 0.00	24.62 0.63 0.00	33.36 0.77 0.00	31.57 0.76 0.00	38.17 0.91 0.00	39.41 0.90 0.00	48.53 1.18 0.00	40.18 1.03 0.00	41.41 1.09 0.00	36.60 1.01 0.00	45.99 1.10 0.00	56.04 1.32 0.00	50.56 1.42 0.00	40.79 1.13 0.00	39.60 1.04 0.00	39.58 1.17 0.00	40.18 1.20 0.00	37.78 1.10 0.00	36.30 0.91 0.00	38.01 0.79 0.00	36.76 0.71 0.00
RUSSELL___1 23602	24.05 0.30 0.00	27.50 0.68 0.00	24.34 0.46 0.00	24.82 0.60 0.00	24.54 0.56 0.00	33.70 1.11 0.00	31.39 0.59 0.00	37.72 0.46 0.00	38.44 -0.07 0.00	47.60 0.24 0.00	38.95 -0.21 0.00	40.01 -0.30 0.00	35.05 -0.53 0.00	44.15 -0.74 0.00	54.08 -0.65 0.00	48.55 -0.59 0.00	39.41 -0.26 0.00	38.22 -0.35 0.00	38.39 -0.03 0.00	38.70 -0.27 0.00	36.40 -0.28 0.00	34.94 -0.46 0.00	37.13 -0.09 0.00	36.25 0.19 0.00
RUSSELL___2 23532	24.05 0.30 0.00	27.50 0.68 0.00	24.34 0.46 0.00	24.82 0.60 0.00	24.54 0.56 0.00	33.70 1.11 0.00	31.39 0.59 0.00	37.72 0.46 0.00	38.44 -0.07 0.00	47.60 0.24 0.00	38.95 -0.21 0.00	40.01 -0.30 0.00	35.05 -0.53 0.00	44.15 -0.74 0.00	54.08 -0.65 0.00	48.55 -0.59 0.00	39.41 -0.26 0.00	38.22 -0.35 0.00	38.39 -0.03 0.00	38.70 -0.27 0.00	36.40 -0.28 0.00	34.94 -0.46 0.00	37.13 -0.09 0.00	36.25 0.19 0.00
RUSSELL___3 23549	24.05 0.30 0.00	27.50 0.68 0.00	24.34 0.46 0.00	24.82 0.60 0.00	24.54 0.56 0.00	33.70 1.11 0.00	31.39 0.59 0.00	37.72 0.46 0.00	38.44 -0.07 0.00	47.60 0.24 0.00	38.95 -0.21 0.00	40.01 -0.30 0.00	35.05 -0.53 0.00	44.15 -0.74 0.00	54.08 -0.65 0.00	48.55 -0.59 0.00	39.41 -0.26 0.00	38.22 -0.35 0.00	38.39 -0.03 0.00	38.70 -0.27 0.00	36.40 -0.28 0.00	34.94 -0.46 0.00	37.13 -0.09 0.00	36.25 0.19 0.00
RUSSELL___4 23556	24.05 0.30 0.00	27.50 0.68 0.00	24.34 0.46 0.00	24.82 0.60 0.00	24.54 0.56 0.00	33.70 1.11 0.00	31.39 0.59 0.00	37.72 0.46 0.00	38.44 -0.07 0.00	47.60 0.24 0.00	38.95 -0.21 0.00	40.01 -0.30 0.00	35.05 -0.53 0.00	44.15 -0.74 0.00	54.08 -0.65 0.00	48.55 -0.59 0.00	39.41 -0.26 0.00	38.22 -0.35 0.00	38.39 -0.03 0.00	38.70 -0.27 0.00	36.40 -0.28 0.00	34.94 -0.46 0.00	37.13 -0.09 0.00	36.25 0.19 0.00
RUSSELL___STATION 23914	24.05 0.30 0.00	27.50 0.68 0.00	24.34 0.46 0.00	24.82 0.60 0.00	24.54 0.56 0.00	33.70 1.11 0.00	31.39 0.59 0.00	37.72 0.46 0.00	38.44 -0.07 0.00	47.60 0.24 0.00	38.95 -0.21 0.00	40.01 -0.30 0.00	35.05 -0.53 0.00	44.15 -0.74 0.00	54.08 -0.65 0.00	48.55 -0.59 0.00	39.41 -0.26 0.00	38.22 -0.35 0.00	38.39 -0.03 0.00	38.70 -0.27 0.00	36.40 -0.28 0.00	34.94 -0.46 0.00	37.13 -0.09 0.00	36.25 0.19 0.00
S SALMON___HYD 24043	23.82 0.07 0.00	26.85 0.03 0.00	23.91 0.03 0.00	24.33 0.11 0.00	24.20 0.21 0.00	33.27 0.67 0.00	31.37 0.58 0.00	37.95 0.69 0.00	39.18 0.67 0.00	48.29 0.94 0.00	39.71 0.55 0.00	40.64 0.32 0.00	35.71 0.12 0.00	44.80 -0.09 0.00	54.52 -0.21 0.00	48.86 -0.28 0.00	39.62 -0.04 0.00	38.75 0.18 0.00	39.09 0.68 0.00	39.79 0.81 0.00	37.30 0.62 0.00	35.81 0.41 0.00	37.73 0.52 0.00	36.60 0.54 0.00
S.PERRY__115KV_TB1 80734	24.57 0.82 0.00	28.12 1.31 0.00	24.84 0.96 0.00	25.42 1.20 0.00	25.03 1.04 0.00	33.96 1.37 0.00	31.48 0.68 0.00	38.08 0.82 0.00	38.73 0.22 0.00	47.78 0.42 0.00	39.07 -0.09 0.00	39.87 -0.44 0.00	34.80 -0.78 0.00	43.87 -1.02 0.00	53.55 -1.18 0.00	48.35 -0.80 0.00	39.41 -0.25 0.00	38.32 -0.25 0.00	38.68 0.27 0.00	39.08 0.10 0.00	36.72 0.04 0.00	35.15 -0.25 0.00	37.29 0.07 0.00	37.09 1.04 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.80 0.05 0.00	27.43 0.61 0.00	24.18 0.30 0.00	24.76 0.54 0.00	24.44 0.46 0.00	33.68 1.09 0.00	31.07 0.27 0.00	37.13 -0.13 0.00	37.55 -0.96 0.00	46.58 -0.77 0.00	37.98 -1.18 0.00	39.01 -1.31 0.00	34.22 -1.36 0.00	43.13 -1.76 0.00	52.86 -1.87 0.00	47.30 -1.84 0.00	38.37 -1.29 0.00	37.07 -1.50 0.00	37.24 -1.17 0.00	37.45 -1.53 0.00	35.18 -1.50 0.00	33.81 -1.59 0.00	36.40 -0.82 0.00	35.85 -0.20 0.00

SAWYER___23_KV_LOAD 55526	23.80 0.05 0.00	27.43 0.61 0.00	24.18 0.30 0.00	24.76 0.54 0.00	24.44 0.46 0.00	33.68 1.09 0.00	31.07 0.27 0.00	37.13 -0.13 0.00	37.55 -0.96 0.00	46.58 -0.77 0.00	37.98 -1.18 0.00	39.01 -1.31 0.00	34.22 -1.36 0.00	43.13 -1.76 0.00	52.86 -1.87 0.00	47.30 -1.84 0.00	38.37 -1.29 0.00	37.07 -1.50 0.00	37.24 -1.17 0.00	37.45 -1.53 0.00	35.18 -1.50 0.00	33.81 -1.59 0.00	36.40 -0.82 0.00	35.85 -0.20 0.00
SELKIRK___I 23801	24.33 0.59 0.00	27.44 0.62 0.00	24.45 0.57 0.00	24.73 0.51 0.00	24.52 0.53 0.00	33.17 0.58 0.00	31.36 0.56 0.00	37.85 0.59 0.00	39.22 0.71 0.00	48.37 1.02 0.00	39.93 0.77 0.00	41.05 0.74 0.00	36.28 0.70 0.00	45.65 0.76 0.00	55.60 0.87 0.00	50.18 1.04 0.00	40.40 0.73 0.00	39.19 0.63 0.00	39.19 0.77 0.00	39.79 0.81 0.00	37.44 0.76 0.00	35.98 0.58 0.00	37.72 0.49 0.00	36.55 0.50 0.00
SELKIRK___II 23799	24.18 0.43 0.00	27.24 0.43 0.00	24.27 0.38 0.00	24.54 0.32 0.00	24.33 0.35 0.00	32.91 0.32 0.00	31.11 0.32 0.00	37.58 0.31 0.00	39.01 0.50 0.00	48.12 0.77 0.00	39.74 0.59 0.00	40.86 0.54 0.00	36.13 0.55 0.00	45.41 0.52 0.00	55.33 0.60 0.00	49.96 0.82 0.00	40.19 0.52 0.00	39.00 0.43 0.00	38.98 0.57 0.00	39.59 0.61 0.00	37.24 0.56 0.00	35.78 0.38 0.00	37.47 0.25 0.00	36.29 0.24 0.00
SENECA OSWGO___HYD 24041	24.01 0.26 0.00	27.10 0.29 0.00	24.11 0.23 0.00	24.50 0.28 0.00	24.30 0.32 0.00	33.18 0.59 0.00	31.25 0.45 0.00	37.79 0.53 0.00	38.92 0.41 0.00	47.96 0.60 0.00	39.54 0.38 0.00	40.69 0.37 0.00	35.83 0.24 0.00	44.98 0.09 0.00	54.79 0.06 0.00	49.17 0.03 0.00	39.75 0.09 0.00	38.74 0.17 0.00	38.95 0.54 0.00	39.55 0.57 0.00	37.09 0.41 0.00	35.64 0.24 0.00	37.63 0.42 0.00	36.51 0.46 0.00
SENECA___115KV_TB3 355854	24.08 0.33 0.00	27.74 0.92 0.00	24.43 0.55 0.00	25.03 0.82 0.00	24.72 0.73 0.00	34.06 1.47 0.00	31.49 0.69 0.00	37.77 0.51 0.00	38.19 -0.32 0.00	47.38 0.02 0.00	38.63 -0.52 0.00	39.74 -0.58 0.00	34.84 -0.75 0.00	43.90 -0.99 0.00	53.80 -0.92 0.00	48.14 -1.00 0.00	39.05 -0.62 0.00	37.72 -0.85 0.00	37.89 -0.52 0.00	38.10 -0.88 0.00	35.78 -0.90 0.00	34.31 -1.09 0.00	36.88 -0.34 0.00	36.28 0.23 0.00
SENECA___ENERGY 23797	23.90 0.15 0.00	27.12 0.30 0.00	24.09 0.20 0.00	24.54 0.32 0.00	24.29 0.30 0.00	33.24 0.65 0.00	31.31 0.51 0.00	37.86 0.60 0.00	38.79 0.28 0.00	47.87 0.51 0.00	39.34 0.18 0.00	40.56 0.25 0.00	35.69 0.11 0.00	44.78 -0.11 0.00	54.73 0.01 0.00	49.23 0.09 0.00	39.81 0.14 0.00	38.60 0.04 0.00	38.76 0.35 0.00	39.18 0.20 0.00	36.80 0.12 0.00	35.30 -0.10 0.00	37.19 -0.03 0.00	36.17 0.12 0.00
SHOEMAKER___GT 23640	24.44 0.69 0.00	27.53 0.71 0.00	24.46 0.58 0.00	24.79 0.58 0.00	24.53 0.54 0.00	33.33 0.73 0.00	31.55 0.75 0.00	38.19 0.93 0.00	39.29 0.78 0.00	48.31 0.96 0.00	40.10 0.94 0.00	41.45 1.13 0.00	36.72 1.13 0.00	45.92 1.03 0.00	56.04 1.32 0.00	50.61 1.47 0.00	40.84 1.18 0.00	39.65 1.09 0.00	39.76 1.35 0.00	40.39 1.41 0.00	37.84 1.16 0.00	36.32 0.92 0.00	38.00 0.78 0.00	36.77 0.72 0.00
SHOEMAKR_138KV_BK 111 55601	24.43 0.68 0.00	27.52 0.70 0.00	24.46 0.57 0.00	24.79 0.57 0.00	24.51 0.53 0.00	33.31 0.72 0.00	31.54 0.74 0.00	38.17 0.91 0.00	39.26 0.75 0.00	48.28 0.92 0.00	40.07 0.91 0.00	41.42 1.11 0.00	36.70 1.11 0.00	45.88 1.00 0.00	56.01 1.29 0.00	50.59 1.44 0.00	40.83 1.17 0.00	39.64 1.07 0.00	39.74 1.33 0.00	40.36 1.38 0.00	37.82 1.14 0.00	36.29 0.89 0.00	37.98 0.76 0.00	36.75 0.70 0.00
SHOREHAM_IC_1 23715	24.41 0.66 0.00	27.41 0.60 0.00	24.29 0.41 0.00	24.56 0.34 0.00	24.25 0.27 0.00	32.85 0.26 0.00	31.38 0.59 0.00	37.63 0.37 0.00	38.67 0.16 0.00	47.23 -0.12 0.00	39.24 0.08 0.00	41.02 0.70 0.00	36.58 1.00 0.00	45.78 0.89 0.00	55.68 0.95 0.00	50.35 1.21 0.00	40.62 0.95 0.00	39.55 0.99 0.00	39.57 1.16 0.00	40.19 1.21 0.00	37.66 0.98 0.00	36.19 0.79 0.00	37.55 0.33 0.00	36.56 0.51 0.00
SHOREHAM_IC_2 23716	24.41 0.66 0.00	27.41 0.60 0.00	24.29 0.41 0.00	24.56 0.34 0.00	24.25 0.27 0.00	32.85 0.26 0.00	31.38 0.59 0.00	37.63 0.37 0.00	38.67 0.16 0.00	47.23 -0.12 0.00	39.24 0.08 0.00	41.02 0.70 0.00	36.58 1.00 0.00	45.78 0.89 0.00	55.68 0.95 0.00	50.35 1.21 0.00	40.62 0.95 0.00	39.55 0.99 0.00	39.57 1.16 0.00	40.19 1.21 0.00	37.66 0.98 0.00	36.19 0.79 0.00	37.55 0.33 0.00	36.56 0.51 0.00
SISSONVILLE____ 23735	29.04 -0.45 -5.74	32.52 -0.44 -6.14	29.29 -0.36 -5.77	29.85 -0.33 -5.97	29.52 -0.30 -5.83	39.24 -0.22 -6.87	37.32 -0.13 -6.66	39.72 -0.06 -2.52	38.56 0.05 0.00	47.18 -0.17 0.00	38.98 -0.18 0.00	39.86 -0.46 0.00	34.95 -0.64 0.00	44.09 -0.80 0.00	53.44 -1.29 0.00	47.86 -1.29 0.00	38.61 -1.06 0.00	37.93 -0.64 0.00	37.72 -0.69 0.00	38.50 -0.48 0.00	36.44 -0.23 0.00	35.51 0.11 0.00	37.68 0.46 0.00	36.62 0.57 0.00
SITHE_IND_GS1 24169	23.33 -0.42 0.00	26.34 -0.48 0.00	23.46 -0.42 0.00	23.81 -0.40 0.00	23.59 -0.40 0.00	32.08 -0.51 0.00	30.29 -0.51 0.00	36.62 -0.64 0.00	37.74 -0.77 0.00	46.46 -0.89 0.00	38.35 -0.81 0.00	39.50 -0.82 0.00	34.86 -0.73 0.00	43.87 -1.02 0.00	53.51 -1.22 0.00	48.08 -1.06 0.00	38.87 -0.80 0.00	37.76 -0.80 0.00	37.75 -0.66 0.00	38.25 -0.73 0.00	35.93 -0.75 0.00	34.60 -0.80 0.00	36.43 -0.79 0.00	35.32 -0.73 0.00
SITHE_IND_GS2 24170	23.33 -0.42 0.00	26.34 -0.48 0.00	23.46 -0.42 0.00	23.81 -0.40 0.00	23.59 -0.40 0.00	32.08 -0.51 0.00	30.29 -0.51 0.00	36.62 -0.64 0.00	37.74 -0.77 0.00	46.46 -0.89 0.00	38.35 -0.81 0.00	39.50 -0.82 0.00	34.86 -0.73 0.00	43.87 -1.02 0.00	53.51 -1.22 0.00	48.08 -1.06 0.00	38.87 -0.80 0.00	37.76 -0.80 0.00	37.75 -0.66 0.00	38.25 -0.73 0.00	35.93 -0.75 0.00	34.60 -0.80 0.00	36.43 -0.79 0.00	35.32 -0.73 0.00
SITHE_IND_GS3 24171	23.33 -0.42 0.00	26.34 -0.48 0.00	23.46 -0.42 0.00	23.81 -0.40 0.00	23.59 -0.40 0.00	32.08 -0.51 0.00	30.29 -0.51 0.00	36.62 -0.64 0.00	37.74 -0.77 0.00	46.46 -0.89 0.00	38.35 -0.81 0.00	39.50 -0.82 0.00	34.86 -0.73 0.00	43.87 -1.02 0.00	53.51 -1.22 0.00	48.08 -1.06 0.00	38.87 -0.80 0.00	37.76 -0.80 0.00	37.75 -0.66 0.00	38.25 -0.73 0.00	35.93 -0.75 0.00	34.60 -0.80 0.00	36.43 -0.79 0.00	35.32 -0.73 0.00
SITHE_IND_GS4 24172	23.33 -0.42 0.00	26.34 -0.48 0.00	23.46 -0.42 0.00	23.81 -0.40 0.00	23.59 -0.40 0.00	32.08 -0.51 0.00	30.29 -0.51 0.00	36.62 -0.64 0.00	37.74 -0.77 0.00	46.46 -0.89 0.00	38.35 -0.81 0.00	39.50 -0.82 0.00	34.86 -0.73 0.00	43.87 -1.02 0.00	53.51 -1.22 0.00	48.08 -1.06 0.00	38.87 -0.80 0.00	37.76 -0.80 0.00	37.75 -0.66 0.00	38.25 -0.73 0.00	35.93 -0.75 0.00	34.60 -0.80 0.00	36.43 -0.79 0.00	35.32 -0.73 0.00

SITHE___BATAVIA 24024	24.38 0.63 0.00	27.97 1.16 0.00	24.70 0.81 0.00	25.25 1.03 0.00	24.94 0.95 0.00	34.42 1.83 0.00	31.89 1.09 0.00	38.23 0.97 0.00	38.78 0.27 0.00	48.09 0.73 0.00	39.24 0.08 0.00	40.27 -0.04 0.00	35.09 -0.49 0.00	44.06 -0.83 0.00	53.93 -0.79 0.00	48.43 -0.71 0.00	39.33 -0.34 0.00	38.18 -0.38 0.00	38.46 0.05 0.00	38.80 -0.18 0.00	36.45 -0.22 0.00	34.96 -0.43 0.00	37.46 0.24 0.00	36.74 0.69 0.00
SITHE___INDEPEND 23800	23.33 -0.42 0.00	26.34 -0.48 0.00	23.46 -0.42 0.00	23.81 -0.40 0.00	23.59 -0.40 0.00	32.08 -0.51 0.00	30.29 -0.51 0.00	36.63 -0.64 0.00	37.74 -0.77 0.00	46.46 -0.89 0.00	38.35 -0.81 0.00	39.50 -0.82 0.00	34.86 -0.73 0.00	43.86 -1.03 0.00	53.51 -1.22 0.00	48.08 -1.06 0.00	38.86 -0.80 0.00	37.76 -0.80 0.00	37.75 -0.66 0.00	38.25 -0.73 0.00	35.93 -0.75 0.00	34.60 -0.80 0.00	36.43 -0.79 0.00	35.32 -0.73 0.00
SITHE___MASSENA 23902	24.35 -0.35 -0.95	27.54 -0.30 -1.02	24.59 -0.24 -0.95	24.98 -0.23 -0.99	24.72 -0.23 -0.97	33.46 -0.27 -1.14	31.67 -0.23 -1.11	37.46 -0.22 -0.42	38.36 -0.15 0.00	47.11 -0.24 0.00	38.94 -0.21 0.00	39.99 -0.33 0.00	35.14 -0.44 0.00	44.60 -0.29 0.00	54.27 -0.46 0.00	48.60 -0.55 0.00	39.21 -0.46 0.00	38.35 -0.22 0.00	38.05 -0.36 0.00	38.74 -0.24 0.00	36.58 -0.09 0.00	35.58 0.18 0.00	37.63 0.41 0.00	36.46 0.41 0.00
SITHE___OGDNSBRG 24021	27.60 -0.04 -3.88	31.03 0.07 -4.15	27.87 0.09 -3.90	28.36 0.11 -4.03	28.05 0.12 -3.94	37.53 0.29 -4.64	35.68 0.38 -4.50	39.55 0.58 -1.70	39.19 0.68 0.00	47.99 0.63 0.00	39.50 0.34 0.00	40.12 -0.20 0.00	35.17 -0.41 0.00	44.59 -0.30 0.00	54.17 -0.56 0.00	48.59 -0.55 0.00	39.32 -0.35 0.00	38.70 0.13 0.00	38.53 0.12 0.00	39.43 0.45 0.00	37.25 0.57 0.00	36.24 0.84 0.00	38.34 1.12 0.00	37.16 1.11 0.00
SITHE___STERLING 23777	24.25 0.50 0.00	27.35 0.53 0.00	24.35 0.46 0.00	24.71 0.49 0.00	24.55 0.57 0.00	33.59 0.99 0.00	31.83 1.03 0.00	38.55 1.29 0.00	39.80 1.30 0.00	49.05 1.69 0.00	40.48 1.32 0.00	41.65 1.33 0.00	36.71 1.13 0.00	46.22 1.33 0.00	56.28 1.55 0.00	50.62 1.47 0.00	40.95 1.29 0.00	39.84 1.27 0.00	39.92 1.51 0.00	40.52 1.54 0.00	38.00 1.32 0.00	36.46 1.06 0.00	38.24 1.02 0.00	37.02 0.96 0.00
SLEIGHT__34_KV_TB1 80719	23.79 0.04 0.00	27.10 0.28 0.00	24.03 0.14 0.00	24.47 0.26 0.00	24.23 0.24 0.00	33.23 0.64 0.00	31.11 0.31 0.00	37.49 0.23 0.00	38.35 -0.17 0.00	47.40 0.04 0.00	38.88 -0.28 0.00	39.98 -0.34 0.00	35.10 -0.48 0.00	44.19 -0.69 0.00	54.01 -0.72 0.00	48.50 -0.65 0.00	39.32 -0.34 0.00	38.16 -0.40 0.00	38.28 -0.13 0.00	38.66 -0.32 0.00	36.35 -0.33 0.00	34.90 -0.50 0.00	36.92 -0.30 0.00	35.92 -0.13 0.00
SOUTH CAIRO___GT 23612	24.97 1.22 0.00	28.15 1.33 0.00	25.06 1.18 0.00	25.32 1.10 0.00	25.15 1.16 0.00	34.05 1.46 0.00	32.26 1.46 0.00	39.08 1.82 0.00	40.72 2.21 0.00	50.36 3.01 0.00	41.44 2.29 0.00	42.50 2.18 0.00	37.51 1.93 0.00	47.12 2.23 0.00	57.55 2.83 0.00	51.92 2.78 0.00	41.76 2.09 0.00	40.54 1.97 0.00	40.56 2.15 0.00	41.17 2.19 0.00	38.66 1.98 0.00	37.05 1.65 0.00	38.69 1.47 0.00	37.49 1.44 0.00
SOUTH HAMPTN___IC 23720	24.66 0.91 0.00	27.73 0.91 0.00	24.56 0.68 0.00	24.84 0.63 0.00	24.55 0.57 0.00	33.22 0.63 0.00	31.72 0.92 0.00	38.04 0.78 0.00	39.00 0.49 0.00	47.59 0.23 0.00	39.48 0.33 0.00	41.27 0.95 0.00	36.87 1.28 0.00	46.20 1.31 0.00	56.08 1.35 0.00	50.79 1.65 0.00	40.80 1.14 0.00	39.74 1.17 0.00	39.72 1.31 0.00	40.36 1.38 0.00	37.77 1.09 0.00	36.25 0.85 0.00	37.61 0.39 0.00	36.61 0.56 0.00
SOUTHDOW_115KV_TB1 355954	24.89 1.14 0.00	28.75 1.93 0.00	25.27 1.38 0.00	25.99 1.78 0.00	25.70 1.72 0.00	35.64 3.05 0.00	33.40 2.60 0.00	40.58 3.32 0.00	41.17 2.66 0.00	51.13 3.78 0.00	41.65 2.49 0.00	43.06 2.74 0.00	37.66 2.08 0.00	47.39 2.50 0.00	57.86 3.13 0.00	51.07 1.93 0.00	40.49 0.83 0.00	38.91 0.34 0.00	39.32 0.91 0.00	39.49 0.51 0.00	36.96 0.28 0.00	35.29 -0.11 0.00	37.93 0.70 0.00	37.84 1.79 0.00
SOUTHOLD_69_KV_BK 2 55809	24.90 1.14 0.00	28.05 1.24 0.00	24.83 0.95 0.00	25.13 0.91 0.00	24.88 0.89 0.00	33.56 0.97 0.00	31.99 1.19 0.00	38.37 1.10 0.00	39.19 0.68 0.00	47.71 0.35 0.00	39.51 0.35 0.00	41.27 0.95 0.00	36.95 1.36 0.00	46.37 1.49 0.00	56.18 1.46 0.00	50.98 1.84 0.00	40.68 1.02 0.00	39.61 1.04 0.00	39.56 1.15 0.00	40.24 1.26 0.00	37.62 0.94 0.00	36.09 0.69 0.00	37.42 0.21 0.00	36.41 0.36 0.00
SOUTHOLD___IC 23719	24.89 1.14 0.00	28.05 1.24 0.00	24.83 0.95 0.00	25.13 0.92 0.00	24.87 0.88 0.00	33.56 0.97 0.00	31.99 1.19 0.00	38.37 1.10 0.00	39.19 0.68 0.00	47.71 0.36 0.00	39.51 0.35 0.00	41.27 0.95 0.00	36.94 1.36 0.00	46.37 1.48 0.00	56.19 1.46 0.00	50.98 1.84 0.00	40.68 1.01 0.00	39.61 1.04 0.00	39.57 1.15 0.00	40.25 1.27 0.00	37.62 0.94 0.00	36.09 0.69 0.00	37.44 0.22 0.00	36.41 0.36 0.00
SOUTH_FORK_WT_PWR 323839	24.84 1.10 0.00	28.05 1.23 0.00	24.81 0.93 0.00	25.12 0.90 0.00	24.87 0.88 0.00	33.49 0.90 0.00	31.87 1.07 0.00	38.21 0.94 0.00	38.90 0.39 0.00	47.27 -0.09 0.00	39.08 -0.08 0.00	40.80 0.49 0.00	36.58 1.00 0.00	45.97 1.08 0.00	55.60 0.88 0.00	50.54 1.39 0.00	40.08 0.42 0.00	39.03 0.47 0.00	38.96 0.54 0.00	39.66 0.68 0.00	37.05 0.37 0.00	35.53 0.13 0.00	36.88 -0.34 0.00	35.87 -0.19 0.00
SPIERFLS_115KV_TB 1 80737	25.17 1.42 0.00	28.39 1.57 0.00	25.23 1.35 0.00	25.48 1.27 0.00	25.29 1.30 0.00	34.29 1.70 0.00	32.45 1.66 0.00	39.25 1.99 0.00	40.60 2.09 0.00	50.08 2.73 0.00	41.50 2.34 0.00	42.74 2.43 0.00	37.74 2.16 0.00	47.49 2.60 0.00	57.95 3.22 0.00	52.42 3.28 0.00	42.25 2.58 0.00	41.04 2.47 0.00	41.05 2.64 0.00	41.63 2.65 0.00	39.12 2.45 0.00	37.45 2.05 0.00	38.99 1.77 0.00	37.64 1.59 0.00
ST LAWRENCE____ 23600	23.17 -0.58 0.00	26.25 -0.57 0.00	23.39 -0.49 0.00	23.73 -0.49 0.00	23.49 -0.50 0.00	31.93 -0.66 0.00	30.19 -0.61 0.00	36.58 -0.68 0.00	37.89 -0.62 0.00	46.56 -0.80 0.00	38.52 -0.64 0.00	39.60 -0.72 0.00	34.84 -0.74 0.00	44.28 -0.61 0.00	53.89 -0.83 0.00	48.25 -0.90 0.00	38.93 -0.73 0.00	38.02 -0.54 0.00	37.71 -0.70 0.00	38.37 -0.61 0.00	36.22 -0.45 0.00	35.21 -0.19 0.00	37.18 -0.04 0.00	36.01 -0.04 0.00
STATE_CA_115KV_115_LB 55624	24.23 0.48 0.00	27.30 0.48 0.00	24.31 0.42 0.00	24.58 0.36 0.00	24.37 0.38 0.00	32.96 0.37 0.00	31.19 0.39 0.00	37.68 0.42 0.00	39.16 0.65 0.00	48.34 0.98 0.00	39.92 0.76 0.00	41.03 0.72 0.00	36.29 0.71 0.00	45.60 0.71 0.00	55.56 0.83 0.00	50.20 1.05 0.00	40.37 0.70 0.00	39.16 0.60 0.00	39.15 0.74 0.00	39.78 0.79 0.00	37.40 0.72 0.00	35.90 0.50 0.00	37.57 0.35 0.00	36.36 0.31 0.00

STATE_ST_34_KV_LOAD 55959	23.94 0.19 0.00	27.11 0.29 0.00	24.09 0.21 0.00	24.51 0.29 0.00	24.28 0.29 0.00	33.13 0.54 0.00	31.23 0.43 0.00	37.78 0.52 0.00	38.83 0.33 0.00	47.84 0.49 0.00	39.41 0.25 0.00	40.62 0.30 0.00	35.77 0.19 0.00	44.96 0.07 0.00	54.90 0.17 0.00	49.35 0.21 0.00	39.94 0.28 0.00	38.79 0.22 0.00	38.87 0.46 0.00	39.35 0.37 0.00	36.96 0.28 0.00	35.51 0.11 0.00	37.40 0.18 0.00	36.28 0.23 0.00
STATION 5_MISC_HYD 23604	23.95 0.20 0.00	27.40 0.58 0.00	24.25 0.36 0.00	24.73 0.51 0.00	24.45 0.46 0.00	33.58 0.98 0.00	31.26 0.46 0.00	37.53 0.27 0.00	38.24 -0.27 0.00	47.35 0.00 0.00	38.75 -0.41 0.00	39.79 -0.52 0.00	34.88 -0.70 0.00	43.92 -0.97 0.00	53.79 -0.93 0.00	48.29 -0.85 0.00	39.18 -0.48 0.00	37.99 -0.58 0.00	38.13 -0.28 0.00	38.46 -0.52 0.00	36.18 -0.49 0.00	34.76 -0.64 0.00	36.96 -0.26 0.00	36.09 0.04 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	24.06 0.31 0.00	27.42 0.60 0.00	24.29 0.40 0.00	24.75 0.54 0.00	24.50 0.51 0.00	33.62 1.03 0.00	31.47 0.67 0.00	37.94 0.68 0.00	38.79 0.28 0.00	47.97 0.61 0.00	39.33 0.17 0.00	40.47 0.16 0.00	35.50 -0.09 0.00	44.60 -0.29 0.00	54.54 -0.19 0.00	49.03 -0.11 0.00	39.78 0.11 0.00	38.56 -0.01 0.00	38.71 0.31 0.00	39.09 0.11 0.00	36.75 0.07 0.00	35.26 -0.14 0.00	37.32 0.09 0.00	36.35 0.30 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.83 0.08 0.00	27.24 0.42 0.00	24.11 0.23 0.00	24.58 0.37 0.00	24.31 0.33 0.00	33.38 0.79 0.00	31.10 0.30 0.00	37.37 0.11 0.00	38.11 -0.40 0.00	47.18 -0.17 0.00	38.62 -0.53 0.00	39.68 -0.64 0.00	34.78 -0.80 0.00	43.82 -1.07 0.00	53.65 -1.07 0.00	48.18 -0.97 0.00	39.09 -0.58 0.00	37.90 -0.66 0.00	38.05 -0.36 0.00	38.37 -0.61 0.00	36.09 -0.58 0.00	34.67 -0.74 0.00	36.81 -0.41 0.00	35.92 -0.13 0.00
STA_56___34_KV_BUS2 355983	23.83 0.08 0.00	27.24 0.42 0.00	24.11 0.23 0.00	24.58 0.37 0.00	24.31 0.33 0.00	33.38 0.79 0.00	31.10 0.30 0.00	37.37 0.11 0.00	38.11 -0.40 0.00	47.18 -0.17 0.00	38.62 -0.53 0.00	39.68 -0.64 0.00	34.78 -0.80 0.00	43.82 -1.07 0.00	53.65 -1.07 0.00	48.18 -0.97 0.00	39.09 -0.58 0.00	37.90 -0.66 0.00	38.05 -0.36 0.00	38.37 -0.61 0.00	36.09 -0.58 0.00	34.67 -0.74 0.00	36.81 -0.41 0.00	35.92 -0.13 0.00
STA_67___115KV_BK2 355882	23.91 0.16 0.00	27.34 0.52 0.00	24.20 0.32 0.00	24.67 0.46 0.00	24.40 0.41 0.00	33.50 0.91 0.00	31.18 0.38 0.00	37.45 0.19 0.00	38.17 -0.35 0.00	47.23 -0.12 0.00	38.65 -0.51 0.00	39.70 -0.62 0.00	34.79 -0.79 0.00	43.81 -1.07 0.00	53.64 -1.08 0.00	48.16 -0.98 0.00	39.08 -0.59 0.00	37.88 -0.69 0.00	38.04 -0.37 0.00	38.36 -0.62 0.00	36.10 -0.58 0.00	34.68 -0.72 0.00	36.87 -0.35 0.00	36.02 -0.04 0.00
STA_7___115KV_9TRANS 80674	24.05 0.30 0.00	27.50 0.68 0.00	24.34 0.46 0.00	24.82 0.60 0.00	24.54 0.56 0.00	33.70 1.11 0.00	31.39 0.59 0.00	37.72 0.46 0.00	38.44 -0.07 0.00	47.60 0.24 0.00	38.95 -0.21 0.00	40.01 -0.30 0.00	35.05 -0.53 0.00	44.15 -0.74 0.00	54.08 -0.65 0.00	48.55 -0.59 0.00	39.41 -0.26 0.00	38.22 -0.35 0.00	38.39 -0.03 0.00	38.70 -0.27 0.00	36.40 -0.28 0.00	34.94 -0.46 0.00	37.13 -0.09 0.00	36.25 0.19 0.00
STA_82___115KV_TB1 80780	23.91 0.17 0.00	27.36 0.54 0.00	24.21 0.33 0.00	24.69 0.47 0.00	24.41 0.42 0.00	33.52 0.93 0.00	31.20 0.41 0.00	37.46 0.20 0.00	38.18 -0.34 0.00	47.26 -0.10 0.00	38.67 -0.49 0.00	39.72 -0.60 0.00	34.81 -0.78 0.00	43.83 -1.06 0.00	53.66 -1.06 0.00	48.18 -0.96 0.00	39.09 -0.58 0.00	37.90 -0.67 0.00	38.05 -0.36 0.00	38.39 -0.59 0.00	36.11 -0.57 0.00	34.69 -0.71 0.00	36.89 -0.33 0.00	36.03 -0.02 0.00
STEEL___WIND 323596	24.05 0.30 0.00	27.71 0.89 0.00	24.41 0.53 0.00	25.02 0.80 0.00	24.70 0.71 0.00	34.05 1.46 0.00	31.46 0.66 0.00	37.75 0.50 0.00	38.14 -0.37 0.00	47.33 -0.03 0.00	38.59 -0.56 0.00	39.69 -0.62 0.00	34.82 -0.76 0.00	43.84 -1.05 0.00	53.71 -1.01 0.00	48.09 -1.06 0.00	39.00 -0.66 0.00	37.69 -0.88 0.00	37.81 -0.60 0.00	38.04 -0.94 0.00	35.74 -0.94 0.00	34.28 -1.12 0.00	36.85 -0.37 0.00	36.24 0.19 0.00
STEPHTWN_115KV_BK_2 55603	24.31 0.56 0.00	27.38 0.57 0.00	24.36 0.48 0.00	24.63 0.41 0.00	24.44 0.45 0.00	33.12 0.52 0.00	31.30 0.50 0.00	37.88 0.62 0.00	39.35 0.84 0.00	48.53 1.18 0.00	39.98 0.83 0.00	41.08 0.77 0.00	36.40 0.81 0.00	45.76 0.87 0.00	55.74 1.01 0.00	50.31 1.17 0.00	40.51 0.84 0.00	39.25 0.68 0.00	39.32 0.91 0.00	39.94 0.95 0.00	37.51 0.83 0.00	36.00 0.60 0.00	37.71 0.50 0.00	36.51 0.46 0.00
STEUBEN_REC_LFGE 323667	23.57 -0.18 0.00	26.71 -0.11 0.00	23.54 -0.34 0.00	24.43 0.21 0.00	24.30 0.31 0.00	34.06 1.47 0.00	31.79 0.99 0.00	39.27 2.01 0.00	39.91 1.40 0.00	49.61 2.25 0.00	40.47 1.31 0.00	41.85 1.54 0.00	36.92 1.33 0.00	46.14 1.25 0.00	56.66 1.94 0.00	50.92 1.78 0.00	41.46 1.79 0.00	39.95 1.38 0.00	40.54 2.13 0.00	40.91 1.93 0.00	38.27 1.60 0.00	36.53 1.13 0.00	38.62 1.41 0.00	37.67 1.62 0.00
STILLWATER___SOLAR 323814	24.98 1.23 0.00	28.16 1.34 0.00	25.05 1.17 0.00	25.31 1.10 0.00	25.11 1.13 0.00	34.02 1.43 0.00	32.19 1.39 0.00	38.91 1.65 0.00	40.20 1.69 0.00	49.59 2.24 0.00	41.06 1.90 0.00	42.28 1.97 0.00	37.35 1.77 0.00	46.98 2.09 0.00	57.29 2.57 0.00	51.77 2.63 0.00	41.70 2.03 0.00	40.49 1.92 0.00	40.49 2.08 0.00	41.10 2.12 0.00	38.65 1.97 0.00	37.05 1.65 0.00	38.66 1.44 0.00	37.36 1.31 0.00
STONY___BROOK 24151	25.01 1.26 0.00	28.10 1.28 0.00	24.88 1.00 0.00	25.17 0.95 0.00	24.84 0.85 0.00	33.69 1.10 0.00	32.12 1.32 0.00	38.57 1.31 0.00	39.67 1.16 0.00	48.55 1.19 0.00	40.36 1.21 0.00	42.15 1.84 0.00	37.54 1.95 0.00	46.90 2.02 0.00	57.16 2.43 0.00	51.63 2.49 0.00	41.73 2.06 0.00	40.59 2.02 0.00	40.43 2.02 0.00	41.02 2.05 0.00	38.50 1.82 0.00	37.04 1.64 0.00	38.49 1.27 0.00	37.64 1.58 0.00
STURGEON_POOL_HYD 23609	24.46 0.71 0.00	27.52 0.70 0.00	24.47 0.59 0.00	24.80 0.58 0.00	24.52 0.53 0.00	33.30 0.71 0.00	31.56 0.76 0.00	38.20 0.94 0.00	39.24 0.73 0.00	48.21 0.85 0.00	40.13 0.98 0.00	41.56 1.24 0.00	36.88 1.30 0.00	46.05 1.15 0.00	56.16 1.43 0.00	50.76 1.61 0.00	41.00 1.34 0.00	39.82 1.25 0.00	39.92 1.51 0.00	40.55 1.57 0.00	37.96 1.29 0.00	36.43 1.03 0.00	38.09 0.87 0.00	36.82 0.76 0.00
ST_LAW_115_BK7_LBMP 345037	23.15 -0.59 0.00	26.24 -0.58 0.00	23.38 -0.50 0.00	23.72 -0.50 0.00	23.48 -0.51 0.00	31.92 -0.67 0.00	30.18 -0.62 0.00	36.57 -0.69 0.00	37.88 -0.63 0.00	46.54 -0.81 0.00	38.51 -0.65 0.00	39.57 -0.75 0.00	34.81 -0.77 0.00	44.24 -0.65 0.00	53.84 -0.88 0.00	48.20 -0.95 0.00	38.89 -0.78 0.00	38.00 -0.57 0.00	37.67 -0.74 0.00	38.34 -0.64 0.00	36.19 -0.48 0.00	35.20 -0.19 0.00	37.20 -0.02 0.00	36.03 -0.03 0.00

ST_LAW_115_BK8_LBMP 345038	23.15 -0.59 0.00	26.24 -0.58 0.00	23.38 -0.50 0.00	23.72 -0.50 0.00	23.48 -0.51 0.00	31.92 -0.67 0.00	30.18 -0.62 0.00	36.57 -0.69 0.00	37.88 -0.63 0.00	46.54 -0.81 0.00	38.51 -0.65 0.00	39.57 -0.75 0.00	34.81 -0.77 0.00	44.24 -0.65 0.00	53.84 -0.88 0.00	48.20 -0.95 0.00	38.89 -0.78 0.00	38.00 -0.57 0.00	37.67 -0.74 0.00	38.34 -0.64 0.00	36.19 -0.48 0.00	35.20 -0.19 0.00	37.20 -0.02 0.00	36.03 -0.03 0.00
ST_LAW_230_BK5_LBMP 345035	23.17 -0.58 0.00	26.25 -0.57 0.00	23.39 -0.49 0.00	23.73 -0.49 0.00	23.49 -0.50 0.00	31.93 -0.66 0.00	30.19 -0.61 0.00	36.58 -0.68 0.00	37.89 -0.62 0.00	46.56 -0.80 0.00	38.52 -0.64 0.00	39.60 -0.72 0.00	34.84 -0.74 0.00	44.28 -0.61 0.00	53.89 -0.83 0.00	48.25 -0.90 0.00	38.93 -0.73 0.00	38.02 -0.54 0.00	37.71 -0.70 0.00	38.37 -0.61 0.00	36.22 -0.45 0.00	35.21 -0.19 0.00	37.18 -0.04 0.00	36.01 -0.04 0.00
ST_LAW_230_BK6_LBMP 345036	23.17 -0.58 0.00	26.25 -0.57 0.00	23.39 -0.49 0.00	23.73 -0.49 0.00	23.49 -0.50 0.00	31.93 -0.66 0.00	30.19 -0.61 0.00	36.58 -0.68 0.00	37.89 -0.62 0.00	46.56 -0.80 0.00	38.52 -0.64 0.00	39.60 -0.72 0.00	34.84 -0.74 0.00	44.28 -0.61 0.00	53.89 -0.83 0.00	48.25 -0.90 0.00	38.93 -0.73 0.00	38.02 -0.54 0.00	37.71 -0.70 0.00	38.37 -0.61 0.00	36.22 -0.45 0.00	35.21 -0.19 0.00	37.18 -0.04 0.00	36.01 -0.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.52 0.77 0.00	27.61 0.79 0.00	24.51 0.63 0.00	24.85 0.63 0.00	24.57 0.58 0.00	33.42 0.83 0.00	31.64 0.84 0.00	38.29 1.03 0.00	39.35 0.84 0.00	48.36 1.01 0.00	40.16 1.01 0.00	41.55 1.24 0.00	36.81 1.23 0.00	46.00 1.11 0.00	56.17 1.44 0.00	50.77 1.62 0.00	40.99 1.32 0.00	39.79 1.22 0.00	39.92 1.51 0.00	40.54 1.56 0.00	37.95 1.27 0.00	36.40 1.00 0.00	38.07 0.84 0.00	36.83 0.78 0.00
SWANROAD_115KV_TB1 355699	23.41 -0.34 0.00	26.96 0.14 0.00	23.79 -0.09 0.00	24.36 0.14 0.00	24.06 0.07 0.00	33.20 0.61 0.00	30.48 -0.32 0.00	36.23 -1.02 0.00	36.62 -1.89 0.00	45.42 -1.94 0.00	37.07 -2.09 0.00	38.03 -2.29 0.00	33.36 -2.23 0.00	41.98 -2.91 0.00	51.42 -3.30 0.00	46.01 -3.13 0.00	37.34 -2.32 0.00	36.13 -2.44 0.00	36.28 -2.13 0.00	36.48 -2.50 0.00	34.30 -2.38 0.00	33.01 -2.39 0.00	35.74 -1.48 0.00	35.32 -0.74 0.00
SYNERGY___BIOGAS 323694	24.38 0.63 0.00	27.97 1.16 0.00	24.70 0.81 0.00	25.25 1.03 0.00	24.94 0.95 0.00	34.42 1.83 0.00	31.89 1.09 0.00	38.23 0.97 0.00	38.78 0.27 0.00	48.09 0.73 0.00	39.24 0.08 0.00	40.27 -0.04 0.00	35.09 -0.49 0.00	44.06 -0.83 0.00	53.93 -0.79 0.00	48.43 -0.71 0.00	39.33 -0.34 0.00	38.18 -0.38 0.00	38.46 0.05 0.00	38.80 -0.18 0.00	36.45 -0.22 0.00	34.96 -0.43 0.00	37.46 0.24 0.00	36.74 0.69 0.00
SYRACUSE___ENERGY_ST1 323597	23.84 0.09 0.00	26.94 0.12 0.00	23.97 0.08 0.00	24.34 0.13 0.00	24.13 0.14 0.00	32.89 0.29 0.00	31.03 0.23 0.00	37.56 0.30 0.00	38.66 0.15 0.00	47.65 0.29 0.00	39.30 0.15 0.00	40.52 0.20 0.00	35.71 0.12 0.00	44.88 -0.01 0.00	54.78 0.05 0.00	49.21 0.06 0.00	39.81 0.14 0.00	38.67 0.10 0.00	38.75 0.34 0.00	39.26 0.28 0.00	36.86 0.18 0.00	35.43 0.03 0.00	37.31 0.09 0.00	36.17 0.12 0.00
SYRACUSE___ENERGY_ST2 323598	23.84 0.09 0.00	26.94 0.12 0.00	23.97 0.08 0.00	24.34 0.13 0.00	24.13 0.14 0.00	32.89 0.29 0.00	31.03 0.23 0.00	37.56 0.30 0.00	38.66 0.15 0.00	47.65 0.29 0.00	39.30 0.15 0.00	40.52 0.20 0.00	35.71 0.12 0.00	44.88 -0.01 0.00	54.78 0.05 0.00	49.21 0.06 0.00	39.81 0.14 0.00	38.67 0.10 0.00	38.75 0.34 0.00	39.26 0.28 0.00	36.86 0.18 0.00	35.43 0.03 0.00	37.31 0.09 0.00	36.17 0.12 0.00
SYRACUSE___POWER 24017	23.86 0.11 0.00	26.95 0.13 0.00	23.98 0.10 0.00	24.35 0.13 0.00	24.13 0.14 0.00	32.89 0.30 0.00	31.06 0.26 0.00	37.58 0.32 0.00	38.69 0.18 0.00	47.68 0.32 0.00	39.34 0.19 0.00	40.56 0.24 0.00	35.77 0.19 0.00	44.99 0.10 0.00	54.90 0.17 0.00	49.31 0.16 0.00	39.89 0.22 0.00	38.74 0.17 0.00	38.80 0.39 0.00	39.31 0.33 0.00	36.90 0.22 0.00	35.46 0.07 0.00	37.35 0.12 0.00	36.19 0.14 0.00
TALLMAN___138KV_BK151 55660	24.64 0.89 0.00	27.70 0.88 0.00	24.57 0.68 0.00	24.90 0.69 0.00	24.61 0.63 0.00	33.52 0.93 0.00	31.75 0.95 0.00	38.43 1.17 0.00	39.42 0.91 0.00	48.38 1.02 0.00	40.21 1.05 0.00	41.65 1.33 0.00	36.90 1.32 0.00	46.05 1.16 0.00	56.27 1.55 0.00	50.89 1.75 0.00	41.08 1.41 0.00	39.90 1.33 0.00	40.08 1.66 0.00	40.69 1.71 0.00	38.04 1.37 0.00	36.46 1.06 0.00	38.11 0.89 0.00	36.88 0.83 0.00
TEALLAVE_115KV_TB7 355573	23.78 0.03 0.00	26.86 0.04 0.00	23.90 0.02 0.00	24.26 0.05 0.00	24.05 0.06 0.00	32.76 0.17 0.00	30.93 0.13 0.00	37.41 0.15 0.00	38.53 0.02 0.00	47.46 0.10 0.00	39.18 0.02 0.00	40.38 0.06 0.00	35.60 0.02 0.00	44.79 -0.10 0.00	54.64 -0.08 0.00	49.08 -0.06 0.00	39.69 0.03 0.00	38.55 -0.02 0.00	38.60 0.19 0.00	39.10 0.12 0.00	36.70 0.02 0.00	35.28 -0.12 0.00	37.16 -0.05 0.00	36.04 -0.01 0.00
TELGRAPH_34_KV_EAST 80808	23.96 0.21 0.00	27.55 0.73 0.00	24.30 0.42 0.00	24.87 0.65 0.00	24.57 0.57 0.00	33.88 1.29 0.00	31.26 0.46 0.00	37.34 0.08 0.00	37.82 -0.69 0.00	46.89 -0.47 0.00	38.25 -0.90 0.00	39.27 -1.04 0.00	34.34 -1.24 0.00	43.21 -1.68 0.00	52.94 -1.78 0.00	47.43 -1.71 0.00	38.51 -1.15 0.00	37.31 -1.25 0.00	37.53 -0.88 0.00	37.78 -1.20 0.00	35.48 -1.20 0.00	34.11 -1.29 0.00	36.72 -0.51 0.00	36.13 0.08 0.00
TEMPLE___115KV_TB 2 55572	23.79 0.04 0.00	26.87 0.05 0.00	23.91 0.03 0.00	24.27 0.05 0.00	24.05 0.06 0.00	32.79 0.20 0.00	30.94 0.14 0.00	37.42 0.16 0.00	38.54 0.03 0.00	47.48 0.12 0.00	39.19 0.03 0.00	40.39 0.08 0.00	35.63 0.04 0.00	44.81 -0.08 0.00	54.69 -0.04 0.00	49.12 -0.03 0.00	39.72 0.06 0.00	38.57 0.01 0.00	38.63 0.22 0.00	39.12 0.14 0.00	36.71 0.03 0.00	35.30 -0.10 0.00	37.19 -0.03 0.00	36.05 0.00 0.00
TIANA____69_KV_BK 1 55817	24.61 0.86 0.00	27.67 0.85 0.00	24.51 0.63 0.00	24.78 0.57 0.00	24.50 0.52 0.00	33.16 0.57 0.00	31.66 0.87 0.00	37.98 0.72 0.00	38.98 0.47 0.00	47.59 0.24 0.00	39.50 0.34 0.00	41.29 0.97 0.00	36.88 1.29 0.00	46.16 1.28 0.00	56.09 1.36 0.00	50.78 1.64 0.00	40.86 1.20 0.00	39.80 1.23 0.00	39.78 1.37 0.00	40.42 1.44 0.00	37.84 1.16 0.00	36.33 0.93 0.00	37.68 0.46 0.00	36.69 0.63 0.00
TILDEN___115KV_TB1 80814	23.86 0.11 0.00	26.95 0.13 0.00	23.98 0.10 0.00	24.35 0.13 0.00	24.13 0.14 0.00	32.89 0.30 0.00	31.06 0.26 0.00	37.58 0.32 0.00	38.69 0.18 0.00	47.68 0.32 0.00	39.34 0.19 0.00	40.56 0.24 0.00	35.77 0.19 0.00	44.99 0.10 0.00	54.90 0.17 0.00	49.31 0.16 0.00	39.89 0.22 0.00	38.74 0.17 0.00	38.80 0.39 0.00	39.31 0.33 0.00	36.90 0.22 0.00	35.46 0.07 0.00	37.35 0.12 0.00	36.19 0.14 0.00

TRIGEN___CC 323695	25.06 1.31 0.00	28.20 1.38 0.00	25.00 1.12 0.00	25.32 1.11 0.00	25.02 1.03 0.00	33.97 1.38 0.00	32.24 1.44 0.00	38.78 1.52 0.00	39.91 1.40 0.00	48.98 1.63 0.00	40.73 1.57 0.00	42.33 2.01 0.00	37.61 2.02 0.00	47.03 2.14 0.00	57.30 2.58 0.00	51.77 2.63 0.00	41.87 2.21 0.00	40.70 2.13 0.00	40.72 2.31 0.00	41.32 2.34 0.00	38.74 2.06 0.00	37.27 1.87 0.00	38.90 1.68 0.00	37.80 1.75 0.00
TRINITY___115KV___4 BK 55933	24.15 0.40 0.00	27.20 0.38 0.00	24.23 0.34 0.00	24.49 0.27 0.00	24.29 0.30 0.00	32.84 0.24 0.00	31.04 0.24 0.00	37.49 0.23 0.00	38.97 0.46 0.00	48.10 0.75 0.00	39.72 0.56 0.00	40.81 0.50 0.00	36.10 0.52 0.00	45.37 0.48 0.00	55.27 0.54 0.00	49.94 0.80 0.00	40.14 0.48 0.00	38.96 0.39 0.00	38.94 0.53 0.00	39.55 0.57 0.00	37.21 0.53 0.00	35.72 0.32 0.00	37.40 0.18 0.00	36.20 0.15 0.00
UNION___PROCESSING_DRP 323587	23.92 0.17 0.00	27.36 0.54 0.00	24.22 0.33 0.00	24.69 0.48 0.00	24.41 0.43 0.00	33.53 0.93 0.00	31.21 0.41 0.00	37.48 0.22 0.00	38.19 -0.32 0.00	47.28 -0.08 0.00	38.68 -0.47 0.00	39.74 -0.58 0.00	34.81 -0.77 0.00	43.84 -1.05 0.00	53.68 -1.04 0.00	48.20 -0.94 0.00	39.10 -0.57 0.00	37.91 -0.66 0.00	38.07 -0.34 0.00	38.40 -0.58 0.00	36.12 -0.56 0.00	34.70 -0.70 0.00	36.90 -0.32 0.00	36.04 -0.01 0.00
UPPER HUDSON___HYD 24058	25.17 1.42 0.00	28.39 1.57 0.00	25.23 1.35 0.00	25.48 1.26 0.00	25.29 1.30 0.00	34.29 1.70 0.00	32.45 1.66 0.00	39.24 1.98 0.00	40.59 2.08 0.00	50.08 2.73 0.00	41.50 2.34 0.00	42.74 2.43 0.00	37.74 2.16 0.00	47.48 2.60 0.00	57.95 3.22 0.00	52.42 3.28 0.00	42.25 2.58 0.00	41.04 2.47 0.00	41.05 2.64 0.00	41.63 2.65 0.00	39.12 2.45 0.00	37.45 2.05 0.00	38.99 1.77 0.00	37.64 1.58 0.00
UPPER RAQUET___HYD 24056	29.04 -0.45 -5.74	32.52 -0.43 -6.14	29.29 -0.36 -5.77	29.85 -0.33 -5.97	29.52 -0.30 -5.83	39.24 -0.22 -6.87	37.33 -0.13 -6.66	39.72 -0.06 -2.52	38.56 0.05 0.00	47.18 -0.17 0.00	38.98 -0.18 0.00	39.86 -0.46 0.00	34.95 -0.64 0.00	44.09 -0.80 0.00	53.44 -1.28 0.00	47.86 -1.28 0.00	38.61 -1.06 0.00	37.92 -0.64 0.00	37.72 -0.69 0.00	38.50 -0.48 0.00	36.44 -0.23 0.00	35.51 0.11 0.00	37.68 0.46 0.00	36.62 0.57 0.00
VALLEY44_115KV_TB2 355964	24.16 0.41 0.00	27.84 1.03 0.00	24.49 0.61 0.00	25.11 0.90 0.00	24.77 0.78 0.00	34.14 1.55 0.00	31.69 0.89 0.00	38.47 1.22 0.00	38.87 0.37 0.00	48.14 0.78 0.00	39.14 -0.02 0.00	40.40 0.08 0.00	35.20 -0.38 0.00	44.26 -0.63 0.00	54.42 -0.31 0.00	48.70 -0.44 0.00	39.53 -0.13 0.00	38.00 -0.57 0.00	38.50 0.09 0.00	38.77 -0.21 0.00	36.30 -0.37 0.00	34.64 -0.76 0.00	36.97 -0.25 0.00	36.22 0.17 0.00
VALLEY___115KV_TB 1-4 80826	23.57 -0.18 0.00	26.61 -0.21 0.00	23.72 -0.16 0.00	24.11 -0.11 0.00	23.83 -0.16 0.00	32.55 -0.03 0.00	31.14 0.34 0.00	37.73 0.47 0.00	39.17 0.66 0.00	48.21 0.85 0.00	39.68 0.52 0.00	40.81 0.49 0.00	36.09 0.51 0.00	45.40 0.51 0.00	55.27 0.54 0.00	49.75 0.60 0.00	40.25 0.59 0.00	39.09 0.52 0.00	39.06 0.64 0.00	39.64 0.66 0.00	37.22 0.54 0.00	35.79 0.39 0.00	37.53 0.31 0.00	36.37 0.32 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.51 0.76 0.00	27.63 0.82 0.00	24.65 0.77 0.00	24.99 0.77 0.00	24.74 0.75 0.00	33.67 1.08 0.00	31.84 1.04 0.00	38.58 1.32 0.00	39.74 1.23 0.00	48.93 1.58 0.00	40.45 1.29 0.00	41.93 1.61 0.00	37.01 1.43 0.00	46.38 1.49 0.00	56.55 1.83 0.00	50.94 1.80 0.00	41.20 1.54 0.00	40.00 1.43 0.00	40.09 1.68 0.00	40.63 1.65 0.00	38.13 1.45 0.00	36.61 1.21 0.00	38.40 1.18 0.00	37.18 1.13 0.00
VISCHER___FERRY HYD 24020	24.65 0.90 0.00	27.76 0.94 0.00	24.71 0.83 0.00	24.96 0.74 0.00	24.77 0.78 0.00	33.47 0.88 0.00	31.62 0.82 0.00	38.18 0.92 0.00	39.52 1.01 0.00	48.71 1.35 0.00	40.33 1.17 0.00	41.55 1.23 0.00	36.72 1.13 0.00	46.16 1.27 0.00	56.27 1.54 0.00	50.87 1.73 0.00	40.86 1.19 0.00	39.66 1.10 0.00	39.66 1.25 0.00	40.29 1.32 0.00	37.94 1.26 0.00	36.39 0.99 0.00	38.00 0.78 0.00	36.74 0.69 0.00
V_A_10_SYNC_DSASP 323832	23.60 -0.15 0.00	27.11 0.29 0.00	23.96 0.08 0.00	24.49 0.27 0.00	24.19 0.20 0.00	33.27 0.68 0.00	30.76 -0.04 0.00	36.79 -0.47 0.00	37.31 -1.20 0.00	46.23 -1.13 0.00	37.72 -1.44 0.00	38.72 -1.59 0.00	33.98 -1.60 0.00	42.81 -2.08 0.00	52.46 -2.26 0.00	46.99 -2.16 0.00	38.13 -1.53 0.00	36.86 -1.71 0.00	37.02 -1.39 0.00	37.29 -1.69 0.00	35.08 -1.59 0.00	33.76 -1.64 0.00	36.19 -1.03 0.00	35.55 -0.50 0.00
V_CMM_10_SYNC_DSASP 323787	23.28 -0.46 0.00	26.39 -0.43 0.00	23.52 -0.36 0.00	23.86 -0.36 0.00	23.62 -0.36 0.00	32.11 -0.48 0.00	30.36 -0.44 0.00	36.78 -0.48 0.00	38.10 -0.41 0.00	46.81 -0.55 0.00	38.73 -0.42 0.00	39.80 -0.52 0.00	35.00 -0.58 0.00	44.47 -0.42 0.00	54.16 -0.57 0.00	48.48 -0.67 0.00	39.11 -0.55 0.00	38.22 -0.35 0.00	37.90 -0.51 0.00	38.56 -0.42 0.00	36.39 -0.29 0.00	35.39 -0.01 0.00	37.39 0.17 0.00	36.21 0.16 0.00
V_CMP_10_SYNC_DSASP 323788	-21.20 -1.56 43.39	-21.23 -1.70 46.36	-21.22 -1.52 43.59	-22.49 -1.63 45.08	-21.63 -1.61 44.01	-21.35 -2.04 51.91	-21.20 -1.69 50.31	16.56 -1.67 19.03	37.04 -1.47 0.00	45.80 -1.56 0.00	38.23 -0.93 0.00	39.57 -0.75 0.00	34.82 -0.76 0.00	43.74 -1.15 0.00	53.00 -1.73 0.00	47.69 -1.45 0.00	38.83 -0.84 0.00	38.14 -0.43 0.00	37.95 -0.46 0.00	38.57 -0.41 0.00	36.77 0.09 0.00	35.74 0.34 0.00	37.78 0.56 0.00	36.60 0.55 0.00
V_D_10_SYNC_DSASP 323841	24.28 -0.35 -0.88	27.47 -0.30 -0.94	24.52 -0.24 -0.89	24.91 -0.23 -0.92	24.65 -0.23 -0.90	33.38 -0.27 -1.06	31.59 -0.23 -1.02	37.43 -0.22 -0.39	38.36 -0.15 0.00	47.10 -0.26 0.00	38.94 -0.21 0.00	39.99 -0.33 0.00	35.14 -0.44 0.00	44.60 -0.29 0.00	54.28 -0.45 0.00	48.61 -0.54 0.00	39.22 -0.44 0.00	38.35 -0.21 0.00	38.05 -0.36 0.00	38.74 -0.24 0.00	36.58 -0.09 0.00	35.58 0.18 0.00	37.62 0.40 0.00	36.46 0.41 0.00
V_E_10_SYNC_DSASP 323830	24.61 0.85 0.00	27.63 0.81 0.00	24.84 0.96 0.00	25.12 0.90 0.00	24.96 0.97 0.00	34.49 1.90 0.00	32.61 1.81 0.00	39.77 2.51 0.00	41.12 2.61 0.00	51.00 3.65 0.00	42.11 2.95 0.00	43.80 3.48 0.00	38.36 2.77 0.00	48.11 3.22 0.00	58.78 4.06 0.00	52.95 3.81 0.00	43.30 3.63 0.00	42.17 3.60 0.00	42.47 4.06 0.00	42.95 3.97 0.00	40.17 3.49 0.00	38.18 2.79 0.00	40.03 2.81 0.00	38.86 2.81 0.00
V_F_30_NSYNC___DSASP 323816	24.99 1.24 0.00	28.17 1.35 0.00	25.07 1.18 0.00	25.34 1.12 0.00	25.14 1.15 0.00	34.06 1.47 0.00	32.22 1.43 0.00	38.96 1.70 0.00	40.26 1.75 0.00	49.66 2.31 0.00	41.11 1.96 0.00	42.34 2.02 0.00	37.40 1.82 0.00	47.05 2.17 0.00	57.35 2.63 0.00	51.82 2.68 0.00	41.74 2.08 0.00	40.53 1.96 0.00	40.54 2.13 0.00	41.15 2.17 0.00	38.69 2.02 0.00	37.09 1.69 0.00	38.71 1.49 0.00	37.41 1.36 0.00

V_F_30_SYNC_DSASP 323786	24.23 0.48 0.00	27.29 0.48 0.00	24.30 0.42 0.00	24.57 0.36 0.00	24.37 0.38 0.00	32.96 0.37 0.00	31.19 0.39 0.00	37.68 0.42 0.00	39.16 0.65 0.00	48.34 0.98 0.00	39.91 0.76 0.00	41.03 0.71 0.00	36.29 0.71 0.00	45.60 0.71 0.00	55.55 0.83 0.00	50.19 1.05 0.00	40.36 0.70 0.00	39.16 0.59 0.00	39.15 0.74 0.00	39.77 0.79 0.00	37.39 0.72 0.00	35.90 0.50 0.00	37.57 0.35 0.00	36.36 0.31 0.00
V_XM_10_SYNC_DSASP 323789	-21.20 -1.56 43.39	-21.23 -1.70 46.36	-21.22 -1.52 43.59	-22.49 -1.63 45.08	-21.63 -1.61 44.01	-21.35 -2.04 51.91	-21.20 -1.69 50.31	16.56 -1.67 19.03	37.04 -1.47 0.00	45.80 -1.56 0.00	38.23 -0.93 0.00	39.57 -0.75 0.00	34.82 -0.76 0.00	43.74 -1.15 0.00	53.00 -1.73 0.00	47.69 -1.45 0.00	38.83 -0.84 0.00	38.14 -0.43 0.00	37.95 -0.46 0.00	38.57 -0.41 0.00	36.77 0.09 0.00	35.74 0.34 0.00	37.78 0.56 0.00	36.60 0.55 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.71 0.96 0.00	27.78 0.96 0.00	24.64 0.75 0.00	24.98 0.76 0.00	24.69 0.70 0.00	33.62 1.03 0.00	31.84 1.04 0.00	38.54 1.28 0.00	39.52 1.01 0.00	48.50 1.15 0.00	40.30 1.15 0.00	41.75 1.43 0.00	36.99 1.41 0.00	46.16 1.27 0.00	56.40 1.67 0.00	51.01 1.87 0.00	41.19 1.52 0.00	40.00 1.43 0.00	40.18 1.77 0.00	40.78 1.80 0.00	38.14 1.47 0.00	36.55 1.15 0.00	38.20 0.98 0.00	36.96 0.91 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.90 1.15 0.00	28.02 1.20 0.00	24.90 1.02 0.00	25.22 1.00 0.00	24.94 0.95 0.00	33.90 1.31 0.00	32.18 1.38 0.00	38.93 1.67 0.00	40.03 1.52 0.00	49.28 1.92 0.00	40.96 1.81 0.00	42.40 2.09 0.00	37.62 2.04 0.00	46.98 2.10 0.00	57.35 2.62 0.00	51.91 2.77 0.00	41.92 2.25 0.00	40.71 2.14 0.00	40.80 2.39 0.00	41.41 2.43 0.00	38.75 2.07 0.00	37.18 1.78 0.00	38.88 1.66 0.00	37.62 1.57 0.00
W50THST__13_KV_LOAD 356117	25.05 1.30 0.00	28.18 1.36 0.00	25.04 1.16 0.00	25.37 1.15 0.00	25.09 1.10 0.00	34.11 1.52 0.00	32.40 1.60 0.00	39.23 1.97 0.00	40.34 1.83 0.00	49.68 2.32 0.00	41.31 2.15 0.00	42.78 2.47 0.00	37.95 2.37 0.00	47.39 2.50 0.00	57.84 3.12 0.00	52.36 3.22 0.00	42.28 2.62 0.00	41.06 2.49 0.00	41.13 2.72 0.00	41.72 2.74 0.00	39.02 2.34 0.00	37.43 2.04 0.00	39.14 1.93 0.00	37.88 1.83 0.00
WADING RIVER_IC_1 23522	24.31 0.56 0.00	27.30 0.48 0.00	24.20 0.32 0.00	24.45 0.23 0.00	24.15 0.17 0.00	32.72 0.13 0.00	31.26 0.46 0.00	37.48 0.22 0.00	38.51 -0.01 0.00	47.02 -0.33 0.00	39.07 -0.09 0.00	40.84 0.53 0.00	36.44 0.86 0.00	45.61 0.71 0.00	55.46 0.73 0.00	50.16 1.02 0.00	40.45 0.78 0.00	39.40 0.83 0.00	39.38 0.97 0.00	40.01 1.03 0.00	37.47 0.80 0.00	36.00 0.60 0.00	37.34 0.12 0.00	36.39 0.33 0.00
WADING RIVER_IC_2 23547	24.31 0.56 0.00	27.30 0.48 0.00	24.20 0.32 0.00	24.45 0.23 0.00	24.15 0.17 0.00	32.72 0.13 0.00	31.26 0.46 0.00	37.48 0.22 0.00	38.51 -0.01 0.00	47.02 -0.33 0.00	39.07 -0.09 0.00	40.84 0.53 0.00	36.44 0.86 0.00	45.61 0.71 0.00	55.46 0.73 0.00	50.16 1.02 0.00	40.45 0.78 0.00	39.40 0.83 0.00	39.38 0.97 0.00	40.01 1.03 0.00	37.47 0.80 0.00	36.00 0.60 0.00	37.34 0.12 0.00	36.39 0.33 0.00
WADING RIVER_IC_3 23601	24.31 0.56 0.00	27.30 0.48 0.00	24.20 0.32 0.00	24.45 0.23 0.00	24.15 0.17 0.00	32.72 0.13 0.00	31.26 0.46 0.00	37.48 0.22 0.00	38.51 -0.01 0.00	47.02 -0.33 0.00	39.07 -0.09 0.00	40.84 0.53 0.00	36.44 0.86 0.00	45.61 0.71 0.00	55.46 0.73 0.00	50.16 1.02 0.00	40.45 0.78 0.00	39.40 0.83 0.00	39.38 0.97 0.00	40.01 1.03 0.00	37.47 0.80 0.00	36.00 0.60 0.00	37.34 0.12 0.00	36.39 0.33 0.00
WALDENNY_12_KV_BK2 80841	24.07 0.32 0.00	27.72 0.90 0.00	24.43 0.55 0.00	25.02 0.81 0.00	24.71 0.72 0.00	34.06 1.47 0.00	31.48 0.68 0.00	37.72 0.46 0.00	38.15 -0.36 0.00	47.33 -0.02 0.00	38.60 -0.55 0.00	39.74 -0.57 0.00	34.81 -0.78 0.00	43.85 -1.04 0.00	53.75 -0.97 0.00	48.11 -1.04 0.00	39.02 -0.65 0.00	37.70 -0.87 0.00	37.85 -0.56 0.00	38.06 -0.92 0.00	35.74 -0.94 0.00	34.28 -1.12 0.00	36.86 -0.36 0.00	36.27 0.22 0.00
WALDEN__HYDRO 24148	24.61 0.86 0.00	27.71 0.89 0.00	24.61 0.73 0.00	24.94 0.72 0.00	24.67 0.68 0.00	33.53 0.94 0.00	31.77 0.97 0.00	38.45 1.19 0.00	39.54 1.03 0.00	48.60 1.25 0.00	40.37 1.22 0.00	41.76 1.44 0.00	37.01 1.43 0.00	46.26 1.37 0.00	56.46 1.73 0.00	51.02 1.88 0.00	41.20 1.53 0.00	40.01 1.44 0.00	40.14 1.73 0.00	40.77 1.78 0.00	38.15 1.47 0.00	36.59 1.19 0.00	38.25 1.04 0.00	36.99 0.94 0.00
WARRENSBURG____ 23737	25.17 1.42 0.00	28.39 1.57 0.00	25.23 1.35 0.00	25.48 1.26 0.00	25.29 1.30 0.00	34.29 1.70 0.00	32.45 1.66 0.00	39.24 1.98 0.00	40.59 2.08 0.00	50.08 2.73 0.00	41.50 2.34 0.00	42.74 2.43 0.00	37.74 2.16 0.00	47.48 2.60 0.00	57.95 3.22 0.00	52.42 3.28 0.00	42.25 2.58 0.00	41.04 2.47 0.00	41.05 2.64 0.00	41.63 2.65 0.00	39.12 2.45 0.00	37.45 2.05 0.00	38.99 1.77 0.00	37.64 1.58 0.00
WATERSIDE____6 8 9 23538	24.88 1.13 0.00	27.97 1.16 0.00	24.88 0.99 0.00	25.18 0.96 0.00	24.91 0.92 0.00	33.84 1.25 0.00	32.10 1.31 0.00	38.83 1.57 0.00	39.91 1.40 0.00	49.13 1.78 0.00	40.84 1.69 0.00	42.23 1.91 0.00	37.50 1.91 0.00	46.76 1.87 0.00	57.09 2.37 0.00	51.68 2.54 0.00	41.71 2.04 0.00	40.53 1.97 0.00	40.61 2.20 0.00	41.24 2.26 0.00	38.61 1.93 0.00	37.07 1.67 0.00	38.77 1.55 0.00	37.50 1.45 0.00
WATKINRD_115KV_LN8_ILLION 55919	23.94 0.19 0.00	26.94 0.12 0.00	23.98 0.09 0.00	24.26 0.05 0.00	24.04 0.05 0.00	32.57 -0.02 0.00	30.86 0.06 0.00	37.44 0.18 0.00	38.68 0.18 0.00	47.63 0.27 0.00	39.34 0.19 0.00	40.60 0.29 0.00	35.81 0.22 0.00	44.96 0.07 0.00	54.72 0.00 0.00	49.46 0.32 0.00	39.89 0.22 0.00	38.71 0.14 0.00	38.76 0.35 0.00	39.36 0.38 0.00	37.01 0.33 0.00	35.49 0.09 0.00	37.02 -0.19 0.00	35.79 -0.26 0.00
WATSON____69_KV_BK 1 55734	25.30 1.56 0.00	28.44 1.62 0.00	25.17 1.29 0.00	25.49 1.27 0.00	25.16 1.17 0.00	34.14 1.55 0.00	32.55 1.75 0.00	39.13 1.87 0.00	40.25 1.74 0.00	49.29 1.94 0.00	40.99 1.83 0.00	42.76 2.44 0.00	38.05 2.47 0.00	47.56 2.67 0.00	57.92 3.19 0.00	52.29 3.15 0.00	42.26 2.60 0.00	41.13 2.56 0.00	41.15 2.74 0.00	41.76 2.78 0.00	39.23 2.55 0.00	37.74 2.34 0.00	39.23 2.01 0.00	38.18 2.13 0.00
WDELAWARE__HYD 323627	23.91 0.16 0.00	26.90 0.08 0.00	23.88 0.00 0.00	24.21 0.00 0.00	23.96 -0.02 0.00	32.58 -0.01 0.00	30.89 0.10 0.00	37.45 0.19 0.00	38.53 0.02 0.00	47.34 -0.02 0.00	39.32 0.17 0.00	40.69 0.38 0.00	36.09 0.51 0.00	45.12 0.23 0.00	55.02 0.29 0.00	49.61 0.47 0.00	40.11 0.44 0.00	38.98 0.41 0.00	39.11 0.70 0.00	39.73 0.75 0.00	37.19 0.51 0.00	35.66 0.26 0.00	37.26 0.04 0.00	35.99 -0.06 0.00

WEST BABYLON___IC 23714	25.29 1.54 0.00	28.42 1.60 0.00	25.17 1.28 0.00	25.49 1.28 0.00	25.16 1.17 0.00	34.14 1.56 0.00	32.52 1.72 0.00	39.09 1.83 0.00	40.24 1.73 0.00	49.28 1.93 0.00	40.99 1.84 0.00	42.72 2.40 0.00	38.00 2.41 0.00	47.50 2.61 0.00	57.85 3.13 0.00	52.24 3.10 0.00	42.23 2.56 0.00	41.09 2.52 0.00	41.12 2.71 0.00	41.73 2.75 0.00	39.18 2.51 0.00	37.71 2.31 0.00	39.24 2.02 0.00	38.16 2.11 0.00
WEST CANADA___HYD 24049	23.82 0.07 0.00	26.87 0.05 0.00	23.93 0.05 0.00	24.27 0.05 0.00	24.03 0.05 0.00	32.66 0.07 0.00	30.89 0.09 0.00	37.40 0.14 0.00	38.65 0.14 0.00	47.55 0.19 0.00	39.32 0.17 0.00	40.51 0.19 0.00	35.77 0.18 0.00	45.07 0.18 0.00	54.86 0.14 0.00	49.32 0.17 0.00	39.79 0.12 0.00	38.66 0.10 0.00	38.59 0.17 0.00	39.16 0.18 0.00	36.82 0.14 0.00	35.47 0.06 0.00	37.23 0.01 0.00	36.05 0.00 0.00
WESTERN_NY_WIND 24143	24.36 0.61 0.00	27.95 1.13 0.00	24.67 0.79 0.00	25.22 1.00 0.00	24.92 0.93 0.00	34.38 1.79 0.00	31.85 1.06 0.00	38.18 0.92 0.00	38.73 0.21 0.00	48.02 0.66 0.00	39.18 0.03 0.00	40.23 -0.09 0.00	35.04 -0.55 0.00	43.98 -0.91 0.00	53.87 -0.85 0.00	48.34 -0.80 0.00	39.26 -0.41 0.00	38.13 -0.44 0.00	38.42 0.01 0.00	38.75 -0.23 0.00	36.39 -0.29 0.00	34.92 -0.48 0.00	37.42 0.20 0.00	36.71 0.66 0.00
WESTOVER___LESR 323668	23.99 0.24 0.00	27.22 0.40 0.00	24.15 0.27 0.00	24.61 0.40 0.00	24.32 0.33 0.00	33.24 0.65 0.00	31.28 0.48 0.00	38.01 0.75 0.00	38.94 0.43 0.00	48.05 0.70 0.00	39.53 0.37 0.00	40.89 0.57 0.00	35.99 0.41 0.00	45.29 0.40 0.00	55.39 0.67 0.00	49.69 0.55 0.00	40.19 0.53 0.00	38.89 0.33 0.00	39.16 0.74 0.00	39.58 0.60 0.00	37.18 0.51 0.00	35.67 0.28 0.00	37.55 0.33 0.00	36.45 0.40 0.00
WETHRSFD_WT_PWR 323626	23.77 0.02 0.00	27.31 0.49 0.00	24.07 0.19 0.00	24.75 0.53 0.00	24.48 0.49 0.00	33.69 1.10 0.00	31.25 0.45 0.00	37.66 0.41 0.00	38.16 -0.35 0.00	47.32 -0.04 0.00	38.65 -0.51 0.00	39.80 -0.52 0.00	34.92 -0.66 0.00	43.97 -0.92 0.00	53.87 -0.85 0.00	48.22 -0.92 0.00	39.10 -0.57 0.00	37.77 -0.80 0.00	38.00 -0.40 0.00	38.28 -0.70 0.00	35.96 -0.72 0.00	34.48 -0.92 0.00	36.86 -0.36 0.00	36.20 0.15 0.00
WHAVSTOR_138KV_BK127 55557	24.62 0.87 0.00	27.67 0.86 0.00	24.54 0.66 0.00	24.88 0.66 0.00	24.59 0.60 0.00	33.47 0.88 0.00	31.70 0.90 0.00	38.35 1.09 0.00	39.33 0.82 0.00	48.27 0.92 0.00	40.11 0.96 0.00	41.55 1.23 0.00	36.83 1.24 0.00	45.95 1.06 0.00	56.13 1.40 0.00	50.77 1.62 0.00	40.98 1.31 0.00	39.79 1.22 0.00	39.97 1.56 0.00	40.59 1.61 0.00	37.95 1.27 0.00	36.37 0.97 0.00	38.03 0.81 0.00	36.81 0.76 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.62 0.87 0.00	27.67 0.86 0.00	24.54 0.66 0.00	24.88 0.66 0.00	24.59 0.60 0.00	33.47 0.88 0.00	31.70 0.90 0.00	38.35 1.09 0.00	39.33 0.82 0.00	48.27 0.92 0.00	40.11 0.96 0.00	41.55 1.23 0.00	36.83 1.24 0.00	45.95 1.06 0.00	56.13 1.40 0.00	50.77 1.62 0.00	40.98 1.31 0.00	39.79 1.22 0.00	39.97 1.56 0.00	40.59 1.61 0.00	37.95 1.27 0.00	36.37 0.97 0.00	38.03 0.81 0.00	36.81 0.76 0.00
WHITEHAL_115KV_TB1 80871	26.01 2.26 0.00	29.43 2.61 0.00	26.08 2.20 0.00	26.22 2.00 0.00	26.03 2.04 0.00	35.28 2.69 0.00	33.25 2.45 0.00	39.93 2.68 0.00	41.39 2.88 0.00	51.14 3.78 0.00	42.46 3.31 0.00	43.80 3.48 0.00	38.64 3.06 0.00	48.67 3.78 0.00	59.62 4.90 0.00	54.40 5.25 0.00	43.84 4.18 0.00	42.50 3.93 0.00	42.59 4.18 0.00	43.03 4.05 0.00	40.38 3.70 0.00	38.49 3.09 0.00	39.71 2.49 0.00	38.27 2.22 0.00
WHITEPLN_13_KV_LOAD 356215	24.94 1.19 0.00	28.08 1.27 0.00	24.95 1.06 0.00	25.27 1.06 0.00	25.00 1.01 0.00	34.00 1.40 0.00	32.27 1.47 0.00	39.05 1.79 0.00	40.18 1.67 0.00	49.45 2.10 0.00	41.11 1.96 0.00	42.56 2.24 0.00	37.76 2.17 0.00	47.17 2.29 0.00	57.55 2.83 0.00	52.06 2.92 0.00	42.04 2.38 0.00	40.85 2.29 0.00	40.95 2.54 0.00	41.56 2.58 0.00	38.87 2.20 0.00	37.29 1.89 0.00	38.95 1.73 0.00	37.67 1.62 0.00
WM_FLOYD_69_KV_BK2 356380	24.71 0.96 0.00	27.76 0.94 0.00	24.60 0.72 0.00	24.87 0.65 0.00	24.57 0.58 0.00	33.28 0.69 0.00	31.79 0.99 0.00	38.12 0.86 0.00	39.19 0.68 0.00	47.88 0.53 0.00	39.80 0.64 0.00	41.57 1.26 0.00	37.06 1.48 0.00	46.36 1.47 0.00	56.40 1.68 0.00	50.99 1.84 0.00	41.18 1.51 0.00	40.09 1.53 0.00	40.08 1.67 0.00	40.69 1.71 0.00	38.14 1.47 0.00	36.68 1.28 0.00	38.07 0.85 0.00	37.08 1.03 0.00
WOODARD___115KV_TB2 355635	23.76 0.00 0.00	26.82 0.01 0.00	23.87 -0.01 0.00	24.24 0.02 0.00	24.02 0.03 0.00	32.73 0.14 0.00	30.89 0.09 0.00	37.37 0.11 0.00	38.50 -0.01 0.00	47.43 0.07 0.00	39.14 -0.02 0.00	40.34 0.02 0.00	35.57 -0.02 0.00	44.72 -0.16 0.00	54.58 -0.14 0.00	49.02 -0.13 0.00	39.64 -0.02 0.00	38.51 -0.06 0.00	38.57 0.16 0.00	39.08 0.10 0.00	36.68 0.01 0.00	35.27 -0.13 0.00	37.16 -0.06 0.00	36.02 -0.04 0.00
YORK___WARBASSE 23770	25.00 1.25 0.00	28.12 1.30 0.00	25.00 1.11 0.00	25.30 1.09 0.00	25.03 1.04 0.00	34.04 1.45 0.00	32.28 1.48 0.00	39.00 1.74 0.00	40.03 1.52 0.00	49.27 1.91 0.00	40.94 1.79 0.00	42.37 2.05 0.00	37.63 2.05 0.00	46.83 1.93 0.00	57.20 2.48 0.00	51.78 2.64 0.00	41.80 2.13 0.00	40.62 2.05 0.00	40.71 2.29 0.00	41.35 2.37 0.00	38.77 2.09 0.00	37.24 1.84 0.00	38.97 1.75 0.00	37.66 1.61 0.00