

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/06/2025

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	50.29	43.94	40.77	39.22	40.60	52.47	49.38	51.50	48.90	38.66	50.37	49.71	50.85	56.19	49.97	52.73	49.19	48.59	49.56	50.67	51.31	53.98	52.68	46.41
24138	1.65	1.75	1.51	1.35	1.32	1.65	1.92	2.25	2.51	2.15	2.23	2.45	2.38	2.24	2.00	1.87	1.83	1.79	0.99	0.79	0.65	0.35	0.76	0.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.53	-4.88	-0.85	-1.14	-0.15	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	50.45	44.02	40.84	39.30	40.67	52.56	49.44	51.51	48.89	38.63	50.32	49.65	50.87	56.26	50.06	52.81	49.26	48.69	49.68	50.85	51.49	54.19	52.88	46.52
24260	1.81	1.83	1.60	1.43	1.39	1.74	1.98	2.27	2.50	2.11	2.18	2.39	2.40	2.31	2.10	1.95	1.89	1.89	1.11	0.97	0.84	0.56	0.95	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.53	-4.88	-0.85	-1.14	-0.15	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	50.45	44.02	40.84	39.30	40.67	52.56	49.44	51.51	48.89	38.63	50.32	49.65	50.87	56.26	50.06	52.81	49.26	48.69	49.68	50.85	51.49	54.19	52.88	46.52
24261	1.81	1.83	1.60	1.43	1.39	1.74	1.98	2.27	2.50	2.11	2.18	2.39	2.40	2.31	2.10	1.95	1.89	1.89	1.11	0.97	0.84	0.56	0.95	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.53	-4.88	-0.85	-1.14	-0.15	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	50.62	43.83	40.82	39.45	40.93	52.89	49.43	51.42	48.36	37.59	31.31	39.07	47.79	52.84	48.91	51.58	49.25	49.01	50.93	52.56	53.31	56.31	54.57	47.90
24011	1.98	1.65	1.57	1.58	1.65	2.08	1.97	2.18	1.97	1.19	1.04	0.97	0.91	1.03	1.22	1.58	1.88	2.21	2.36	2.68	2.66	2.67	2.65	2.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	8.33	4.27	0.74	0.99	0.13	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	50.88	44.01	40.97	39.62	41.11	53.07	49.68	51.72	48.60	37.67	31.54	39.28	47.92	52.97	49.10	51.84	49.53	49.37	51.37	53.03	53.78	56.79	55.09	48.41
23798	2.23	1.82	1.71	1.75	1.83	2.26	2.22	2.47	2.20	1.27	1.15	1.11	1.03	1.14	1.41	1.84	2.17	2.57	2.80	3.15	3.13	3.15	3.17	2.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	8.21	4.21	0.73	0.98	0.13	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	50.62	43.83	40.82	39.45	40.93	52.89	49.43	51.42	48.36	37.59	31.31	39.07	47.79	52.84	48.91	51.58	49.25	49.01	50.93	52.56	53.31	56.31	54.57	47.90
24028	1.98	1.65	1.57	1.58	1.65	2.08	1.97	2.18	1.97	1.19	1.04	0.97	0.91	1.03	1.22	1.58	1.88	2.21	2.36	2.68	2.66	2.67	2.65	2.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	8.33	4.27	0.74	0.99	0.13	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	49.76	43.43	40.39	39.07	40.48	52.38	48.78	50.80	47.80	37.18	20.79	33.43	46.44	50.83	47.71	49.84	47.77	47.34	48.96	50.19	51.02	54.09	52.77	46.40
23527	1.12	1.25	1.14	1.19	1.20	1.56	1.32	1.55	1.41	0.85	0.75	0.57	0.47	0.24	0.19	0.35	0.40	0.54	0.39	0.31	0.37	0.46	0.84	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	18.56	9.51	1.65	2.22	0.29	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	47.74	41.56	38.66	37.38	38.74	50.05	46.71	48.56	45.83	35.92	31.24	38.11	46.08	50.83	46.67	49.02	46.54	46.08	47.55	48.73	49.45	52.24	50.77	44.64
24190	-0.91	-0.62	-0.59	-0.49	-0.54	-0.76	-0.75	-0.68	-0.57	-0.49	-0.52	-0.76	-0.94	-1.16	-1.04	-1.06	-0.82	-0.72	-1.03	-1.15	-1.20	-1.40	-1.16	-0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	6.84	3.50	0.61	0.82	0.11	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	49.29	42.76	39.76	38.33	39.78	51.52	48.11	49.78	46.75	36.73	38.81	42.57	47.92	53.18	48.14	50.71	47.58	46.89	48.96	50.41	51.35	54.65	52.84	46.38
355683	0.65	0.57	0.51	0.45	0.50	0.70	0.64	0.54	0.35	0.28	0.21	0.20	0.30	0.37	0.32	0.31	0.21	0.09	0.39	0.53	0.69	1.01	0.92	0.84
	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	47.93	41.70	38.81	37.53	38.92	50.32	46.91	48.61	45.73	35.70	33.32	38.97	45.90	50.78	46.47	48.99	46.52	46.18	47.81	49.10	49.86	52.65	51.13	44.94
323833	-0.72	-0.49	-0.44	-0.34	-0.35	-0.49	-0.55	-0.63	-0.67	-0.73	-0.82	-1.12	-1.32	-1.49	-1.27	-1.19	-0.85	-0.63	-0.76	-0.78	-0.80	-0.98	-0.80	-0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	4.46	2.29	0.40	0.53	0.07	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	47.91	41.68	38.80	37.52	38.91	50.31	46.89	48.60	45.72	35.68	33.32	38.95	45.90	50.77	46.46	48.97	46.50	46.16	47.78	49.07	49.83	52.63	51.12	44.92
323834	-0.74	-0.51	-0.45	-0.35	-0.37	-0.51	-0.58	-0.64	-0.68	-0.74	-0.82	-1.14	-1.33	-1.50	-1.29	-1.21	-0.86	-0.65	-0.79	-0.81	-0.83	-1.00	-0.80	-0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	4.46	2.29	0.40	0.53	0.07	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	47.74	41.56	38.66	37.38	38.74	50.05	46.71	48.56	45.83	35.92	31.24	38.11	46.08	50.83	46.67	49.02	46.54	46.08	47.55	48.73	49.45	52.24	50.77	44.64
23571	-0.91	-0.62	-0.59	-0.49	-0.54	-0.76	-0.75	-0.68	-0.57	-0.49	-0.52	-0.76	-0.94	-1.16	-1.04	-1.06	-0.82	-0.72	-1.03	-1.15	-1.20	-1.40	-1.16	-0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	6.84	3.50	0.61	0.82	0.11	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	47.74 -0.91 0.00	41.56 -0.62 0.00	38.66 -0.59 0.00	37.38 -0.49 0.00	38.74 -0.54 0.00	50.05 -0.76 0.00	46.71 -0.75 0.00	48.56 -0.68 0.00	45.83 -0.57 0.00	35.92 -0.49 0.04	31.24 -0.52 6.84	38.11 -0.76 3.50	46.08 -0.94 0.61	50.83 -1.16 0.82	46.67 -1.04 0.11	49.02 -1.06 0.33	46.54 -0.82 0.00	46.08 -0.72 0.00	47.55 -1.03 0.00	48.73 -1.15 0.00	49.45 -1.20 0.00	52.24 -1.40 0.00	50.77 -1.16 0.00	44.64 -0.90 0.00
ALBANY___3 23573	47.74 -0.91 0.00	41.56 -0.62 0.00	38.66 -0.59 0.00	37.38 -0.49 0.00	38.74 -0.54 0.00	50.05 -0.76 0.00	46.71 -0.75 0.00	48.56 -0.68 0.00	45.83 -0.57 0.00	35.92 -0.49 0.04	31.24 -0.52 6.84	38.11 -0.76 3.50	46.08 -0.94 0.61	50.83 -1.16 0.82	46.67 -1.04 0.11	49.02 -1.06 0.33	46.54 -0.82 0.00	46.08 -0.72 0.00	47.55 -1.03 0.00	48.73 -1.15 0.00	49.45 -1.20 0.00	52.24 -1.40 0.00	50.77 -1.16 0.00	44.64 -0.90 0.00
ALBANY___4 23574	47.74 -0.91 0.00	41.56 -0.62 0.00	38.66 -0.59 0.00	37.38 -0.49 0.00	38.74 -0.54 0.00	50.05 -0.76 0.00	46.71 -0.75 0.00	48.56 -0.68 0.00	45.83 -0.57 0.00	35.92 -0.49 0.04	31.24 -0.52 6.84	38.11 -0.76 3.50	46.08 -0.94 0.61	50.83 -1.16 0.82	46.67 -1.04 0.11	49.02 -1.06 0.33	46.54 -0.82 0.00	46.08 -0.72 0.00	47.55 -1.03 0.00	48.73 -1.15 0.00	49.45 -1.20 0.00	52.24 -1.40 0.00	50.77 -1.16 0.00	44.64 -0.90 0.00
ALBANY___LFGE 323615	48.42 -0.22 0.00	42.12 -0.07 0.00	39.16 -0.09 0.00	37.86 -0.02 0.00	39.23 -0.05 0.00	50.70 -0.11 0.00	47.33 -0.13 0.00	49.22 -0.02 0.00	46.44 0.05 0.00	36.40 -0.01 0.05	31.09 -0.03 7.48	38.38 -0.16 3.83	46.70 -0.26 0.66	51.57 -0.35 0.89	47.41 -0.29 0.12	49.79 -0.24 0.36	47.30 -0.06 0.00	46.83 0.03 0.00	48.33 -0.24 0.00	49.52 -0.36 0.00	50.22 -0.43 0.00	53.03 -0.60 0.00	51.51 -0.41 0.00	45.26 -0.28 0.00
ALCOA_PA_115KV_PL-6C 55860	49.65 1.01 0.00	43.07 0.88 0.00	40.05 0.80 0.00	38.61 0.73 0.00	40.06 0.78 0.00	51.90 1.08 0.00	48.47 1.00 0.00	50.14 0.89 0.00	47.02 0.63 0.00	36.93 0.47 0.00	39.01 0.41 0.00	42.78 0.41 0.00	48.16 0.53 0.00	53.44 0.64 0.00	48.39 0.57 0.00	50.96 0.56 0.00	47.72 0.36 0.00	47.06 0.26 0.00	49.13 0.55 0.00	50.64 0.76 0.00	51.66 1.01 0.00	55.10 1.47 0.00	53.27 1.35 0.00	46.75 1.21 0.00
ALCOA_RYNLDS___DRP 24188	49.65 1.01 0.00	43.07 0.88 0.00	40.05 0.80 0.00	38.61 0.73 0.00	40.06 0.78 0.00	51.90 1.08 0.00	48.47 1.00 0.00	50.14 0.89 0.00	47.02 0.63 0.00	36.93 0.47 0.00	39.01 0.41 0.00	42.78 0.41 0.00	48.16 0.53 0.00	53.44 0.64 0.00	48.39 0.57 0.00	50.96 0.56 0.00	47.72 0.36 0.00	47.06 0.26 0.00	49.13 0.55 0.00	50.64 0.76 0.00	51.66 1.01 0.00	55.10 1.47 0.00	53.27 1.35 0.00	46.75 1.21 0.00
ALCOA___DSASP 323711	49.65 1.01 0.00	43.07 0.88 0.00	40.05 0.79 0.00	38.61 0.73 0.00	40.06 0.78 0.00	51.90 1.09 0.00	48.47 1.00 0.00	50.13 0.89 0.00	47.02 0.62 0.00	36.93 0.47 0.00	39.01 0.41 0.00	42.78 0.41 0.00	48.15 0.53 0.00	53.44 0.64 0.00	48.39 0.57 0.00	50.96 0.56 0.00	47.72 0.36 0.00	47.06 0.26 0.00	49.13 0.56 0.00	50.64 0.76 0.00	51.66 1.01 0.00	55.10 1.47 0.00	53.27 1.35 0.00	46.75 1.21 0.00
ALLEGHENY___COGEN 23514	51.10 2.45 0.00	43.82 1.64 0.00	40.76 1.51 0.00	39.00 1.13 0.00	40.65 1.37 0.00	52.82 2.00 0.00	49.66 2.20 0.00	51.08 1.84 0.00	47.30 0.90 0.00	36.91 0.46 0.00	39.69 1.09 0.00	44.00 1.62 0.00	49.44 1.82 0.00	55.36 2.55 0.00	50.05 2.24 0.00	52.80 2.40 0.00	49.20 1.83 0.00	49.19 2.39 0.00	52.02 3.17 -0.27	53.03 3.15 0.00	54.32 3.67 0.00	57.63 3.99 0.00	54.96 3.03 0.00	48.05 2.51 0.00
ALTAMONT_115KV_TB 2 55880	48.61 -0.04 0.00	42.26 0.07 0.00	39.33 0.08 0.00	38.01 0.13 0.00	39.42 0.13 0.00	50.91 0.10 0.00	47.52 0.05 0.00	49.38 0.13 0.00	46.56 0.16 0.00	36.49 0.07 0.03	34.19 0.05 4.45	40.02 -0.07 2.28	47.05 -0.18 0.39	51.98 -0.30 0.53	47.52 -0.23 0.07	49.97 -0.21 0.22	47.29 -0.08 0.00	46.82 0.03 0.00	48.38 -0.19 0.00	49.64 -0.24 0.00	50.39 -0.26 0.00	53.23 -0.41 0.00	51.68 -0.24 0.00	45.39 -0.16 0.00
ALTONA_WT_PWR 323606	48.73 0.09 0.00	42.42 0.23 0.00	39.47 0.21 0.00	38.09 0.21 0.00	39.56 0.28 0.00	51.30 0.49 0.00	47.94 0.48 0.00	49.62 0.37 0.00	46.58 0.19 0.00	36.61 0.16 0.00	38.62 0.02 0.00	42.17 -0.20 0.00	47.50 -0.12 0.00	52.71 -0.09 0.00	47.73 -0.09 0.00	50.29 -0.12 0.00	47.21 -0.16 0.00	46.52 -0.28 0.00	48.63 0.06 0.00	50.10 0.22 0.00	51.01 0.36 0.00	54.24 0.61 0.00	52.32 0.40 0.00	45.89 0.35 0.00
AMERICAN_REF_FUEL 24010	50.24 1.60 0.00	43.04 0.85 0.00	40.12 0.87 0.00	38.44 0.56 0.00	40.05 0.77 0.00	52.08 1.27 0.00	48.63 1.16 0.00	49.67 0.42 0.00	46.57 0.17 0.00	37.05 0.60 0.00	39.80 1.20 0.00	44.35 1.98 0.00	49.88 2.25 0.00	55.66 2.85 0.00	50.14 2.33 0.00	52.66 2.26 0.00	48.58 1.21 0.00	48.97 1.22 -0.95	59.33 1.83 -8.92	51.19 1.31 0.00	52.09 1.44 0.00	55.68 2.05 0.00	53.41 1.49 0.00	47.27 1.72 -0.01
ARKWRIGHT___SUMMIT_WT_PWR 323751	51.87 3.23 0.00	44.11 1.92 0.00	41.14 1.89 0.00	39.20 1.32 0.00	41.02 1.74 0.00	53.47 2.65 0.00	50.01 2.54 0.00	51.68 2.43 0.00	48.36 1.96 0.00	38.26 1.81 0.00	41.21 2.61 0.00	45.93 3.56 0.00	51.62 4.00 0.00	57.56 4.75 0.00	52.06 4.24 0.00	54.87 4.47 0.00	50.78 3.41 0.00	50.80 3.34 -0.66	58.48 3.54 -6.36	53.11 3.23 0.00	53.84 3.19 0.00	57.19 3.55 0.00	54.47 2.55 0.00	47.54 1.99 -0.01
ARTHUR KILL_GT_1 23520	50.08 1.43 0.00	43.92 1.73 0.00	40.82 1.57 0.00	39.25 1.37 0.00	40.61 1.33 0.00	52.07 1.26 0.00	49.16 1.70 0.00	50.84 1.59 0.00	48.48 2.08 0.00	38.35 1.84 -0.06	49.94 1.80 -9.53	49.14 1.88 -4.88	49.92 1.45 -0.85	55.23 1.29 -1.14	49.37 1.41 -0.15	52.06 1.19 -0.46	48.81 1.44 0.00	48.22 1.42 0.00	48.76 0.18 0.00	50.02 0.14 0.00	50.66 0.00 0.00	53.24 -0.40 0.00	51.50 0.09 0.52	46.08 0.54 0.00
ARTHUR_KILL_2 23512	49.88 1.23 0.00	43.77 1.59 0.00	40.67 1.41 0.00	39.12 1.24 0.00	40.46 1.19 0.00	51.90 1.08 0.00	48.98 1.51 0.00	50.67 1.42 0.00	48.30 1.90 0.00	38.22 1.71 -0.06	49.81 1.68 -9.53	48.99 1.73 -4.88	49.74 1.27 -0.84	55.02 1.08 -1.14	49.17 1.21 -0.15	51.86 1.00 -0.46	48.63 1.26 0.00	48.06 1.26 0.00	48.60 0.03 0.00	49.83 -0.05 0.00	50.43 -0.22 0.00	53.02 -0.61 0.00	51.30 -0.10 0.52	45.92 0.38 0.00
ARTHUR_KILL_3 23513	49.71 1.07 0.00	43.45 1.26 0.00	40.31 1.06 0.00	38.79 0.92 0.00	40.13 0.85 0.00	51.82 1.01 0.00	48.75 1.29 0.00	50.76 1.51 0.00	48.18 1.78 0.00	38.06 1.54 -0.06	49.72 1.59 -9.53	49.00 1.74 -4.88	50.08 1.61 -0.85	55.37 1.42 -1.14	49.29 1.33 -0.15	52.01 1.15 -0.46	48.57 1.20 0.00	48.02 1.22 0.00	48.99 0.42 0.00	50.07 0.19 0.00	50.57 -0.08 0.00	53.22 -0.41 0.00	51.48 0.07 0.51	45.81 0.27 0.00

ARTHUR_KILL_COGEN 323718	50.07 1.43 0.00	43.92 1.73 0.00	40.82 1.57 0.00	39.25 1.37 0.00	40.61 1.33 0.00	52.08 1.26 0.00	49.16 1.70 0.00	50.85 1.61 0.00	48.48 2.08 0.00	38.36 1.84 -0.06	49.95 1.82 -9.53	49.15 1.89 -4.88	49.93 1.46 -0.84	55.23 1.29 -1.14	49.37 1.41 -0.15	52.07 1.20 -0.46	48.81 1.44 0.00	48.23 1.43 0.00	48.77 0.20 0.00	50.03 0.15 0.00	50.65 0.00 0.00	53.24 -0.40 0.00	51.51 0.10 0.52	46.08 0.54 0.00
ASHOKAN____ 23654	49.29 0.65 0.00	42.83 0.64 0.00	39.76 0.51 0.00	38.39 0.51 0.00	39.75 0.47 0.00	51.42 0.60 0.00	48.14 0.68 0.00	50.16 0.92 0.00	47.41 1.02 0.00	37.18 0.73 0.00	39.49 0.89 0.00	43.45 1.08 0.00	48.59 0.97 0.00	53.65 0.84 0.00	48.59 0.78 0.00	51.47 1.07 0.00	48.36 1.00 0.00	48.03 1.23 0.00	49.64 1.07 0.00	50.95 1.07 0.00	51.63 0.98 0.00	54.36 0.73 0.00	52.65 0.73 0.00	46.11 0.57 0.00
ASTORIA_EAST_ENERGY_CC1 323581	49.92 1.28 0.00	43.68 1.49 0.00	40.49 1.24 0.00	38.95 1.08 0.00	40.31 1.03 0.00	51.89 1.07 0.00	49.03 1.56 0.00	50.92 1.67 0.00	48.40 2.00 0.00	38.22 1.71 -0.06	49.85 1.72 -9.53	49.06 1.80 -4.88	50.09 1.62 -0.85	55.45 1.50 -1.14	49.41 1.45 -0.15	51.98 1.11 -0.46	48.59 1.22 0.00	48.07 1.27 0.00	48.77 0.20 0.00	50.16 0.22 -0.06	55.36 0.07 -4.64	53.85 -0.17 -0.39	52.49 0.57 0.00	46.25 0.71 0.00
ASTORIA_EAST_ENERGY_CC2 323582	49.92 1.28 0.00	43.68 1.49 0.00	40.49 1.24 0.00	38.95 1.08 0.00	40.31 1.03 0.00	51.89 1.07 0.00	49.03 1.56 0.00	50.92 1.67 0.00	48.40 2.00 0.00	38.22 1.71 -0.06	49.85 1.72 -9.53	49.06 1.80 -4.88	50.09 1.62 -0.85	55.45 1.50 -1.14	49.41 1.45 -0.15	51.98 1.12 -0.46	48.59 1.22 0.00	48.07 1.27 0.00	48.77 0.20 0.00	50.16 0.22 -0.06	55.36 0.07 -4.64	53.85 -0.17 -0.39	52.49 0.57 0.00	46.25 0.71 0.00
ASTORIA_GT2_1 24094	49.95 1.31 0.00	43.72 1.53 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.34 1.06 0.00	51.90 1.09 0.00	49.05 1.59 0.00	50.94 1.69 0.00	48.43 2.03 0.00	38.23 1.72 -0.06	49.86 1.72 -9.53	49.08 1.82 -4.88	50.11 1.64 -0.85	55.47 1.52 -1.14	49.44 1.48 -0.15	52.01 1.14 -0.46	48.61 1.25 0.00	48.09 1.29 0.00	48.79 0.21 0.00	50.17 0.23 -0.06	55.39 0.09 -4.64	53.90 -0.12 -0.39	52.53 0.61 0.00	46.28 0.74 0.00
ASTORIA_GT2_2 24095	49.95 1.31 0.00	43.72 1.53 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.34 1.06 0.00	51.90 1.09 0.00	49.05 1.59 0.00	50.94 1.69 0.00	48.43 2.03 0.00	38.23 1.72 -0.06	49.86 1.72 -9.53	49.08 1.82 -4.88	50.11 1.64 -0.85	55.47 1.52 -1.14	49.44 1.48 -0.15	52.01 1.14 -0.46	48.61 1.25 0.00	48.09 1.29 0.00	48.79 0.21 0.00	50.17 0.23 -0.06	55.39 0.09 -4.64	53.90 -0.12 -0.39	52.53 0.61 0.00	46.28 0.74 0.00
ASTORIA_GT2_3 24096	49.95 1.31 0.00	43.72 1.53 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.34 1.06 0.00	51.90 1.09 0.00	49.05 1.59 0.00	50.94 1.69 0.00	48.43 2.03 0.00	38.23 1.72 -0.06	49.86 1.72 -9.53	49.08 1.82 -4.88	50.11 1.64 -0.85	55.47 1.52 -1.14	49.44 1.48 -0.15	52.01 1.14 -0.46	48.61 1.25 0.00	48.09 1.29 0.00	48.79 0.21 0.00	50.17 0.23 -0.06	55.39 0.09 -4.64	53.90 -0.12 -0.39	52.53 0.61 0.00	46.28 0.74 0.00
ASTORIA_GT2_4 24097	49.95 1.31 0.00	43.72 1.53 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.34 1.06 0.00	51.90 1.09 0.00	49.05 1.59 0.00	50.94 1.69 0.00	48.43 2.03 0.00	38.23 1.72 -0.06	49.86 1.72 -9.53	49.08 1.82 -4.88	50.11 1.64 -0.85	55.47 1.52 -1.14	49.44 1.48 -0.15	52.01 1.14 -0.46	48.61 1.25 0.00	48.09 1.29 0.00	48.79 0.21 0.00	50.17 0.23 -0.06	55.39 0.09 -4.64	53.90 -0.12 -0.39	52.53 0.61 0.00	46.28 0.74 0.00
ASTORIA_GT3_1 24098	49.95 1.31 0.00	43.72 1.53 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.34 1.06 0.00	51.90 1.09 0.00	49.05 1.59 0.00	50.94 1.69 0.00	48.43 2.03 0.00	38.23 1.72 -0.06	49.86 1.72 -9.53	49.08 1.82 -4.88	50.11 1.64 -0.85	55.47 1.52 -1.14	49.44 1.48 -0.15	52.01 1.14 -0.46	48.61 1.25 0.00	48.09 1.29 0.00	48.79 0.21 0.00	50.17 0.23 -0.06	55.39 0.09 -4.64	53.90 -0.12 -0.39	52.53 0.61 0.00	46.28 0.74 0.00
ASTORIA_GT3_2 24099	49.95 1.31 0.00	43.72 1.53 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.34 1.06 0.00	51.90 1.09 0.00	49.05 1.59 0.00	50.94 1.69 0.00	48.43 2.03 0.00	38.23 1.72 -0.06	49.86 1.72 -9.53	49.08 1.82 -4.88	50.11 1.64 -0.85	55.47 1.52 -1.14	49.44 1.48 -0.15	52.01 1.14 -0.46	48.61 1.25 0.00	48.09 1.29 0.00	48.79 0.21 0.00	50.17 0.23 -0.06	55.39 0.09 -4.64	53.90 -0.12 -0.39	52.53 0.61 0.00	46.28 0.74 0.00
ASTORIA_GT3_3 24100	49.95 1.31 0.00	43.72 1.53 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.34 1.06 0.00	51.90 1.09 0.00	49.05 1.59 0.00	50.94 1.69 0.00	48.43 2.03 0.00	38.23 1.72 -0.06	49.86 1.72 -9.53	49.08 1.82 -4.88	50.11 1.64 -0.85	55.47 1.52 -1.14	49.44 1.48 -0.15	52.01 1.14 -0.46	48.61 1.25 0.00	48.09 1.29 0.00	48.79 0.21 0.00	50.17 0.23 -0.06	55.39 0.09 -4.64	53.90 -0.12 -0.39	52.53 0.61 0.00	46.28 0.74 0.00
ASTORIA_GT3_4 24101	49.95 1.31 0.00	43.72 1.53 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.34 1.06 0.00	51.90 1.09 0.00	49.05 1.59 0.00	50.94 1.69 0.00	48.43 2.03 0.00	38.23 1.72 -0.06	49.86 1.72 -9.53	49.08 1.82 -4.88	50.11 1.64 -0.85	55.47 1.52 -1.14	49.44 1.48 -0.15	52.01 1.14 -0.46	48.61 1.25 0.00	48.09 1.29 0.00	48.79 0.21 0.00	50.17 0.23 -0.06	55.39 0.09 -4.64	53.90 -0.12 -0.39	52.53 0.61 0.00	46.28 0.74 0.00
ASTORIA_GT4_1 24102	49.95 1.31 0.00	43.72 1.53 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.34 1.06 0.00	51.90 1.09 0.00	49.05 1.59 0.00	50.94 1.69 0.00	48.43 2.03 0.00	38.23 1.72 -0.06	49.86 1.72 -9.53	49.08 1.82 -4.88	50.11 1.64 -0.85	55.47 1.52 -1.14	49.44 1.48 -0.15	52.01 1.14 -0.46	48.61 1.25 0.00	48.09 1.29 0.00	48.79 0.21 0.00	50.17 0.23 -0.06	55.39 0.09 -4.64	53.90 -0.12 -0.39	52.53 0.61 0.00	46.28 0.74 0.00
ASTORIA_GT4_2 24103	49.95 1.31 0.00	43.72 1.53 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.34 1.06 0.00	51.90 1.09 0.00	49.05 1.59 0.00	50.94 1.69 0.00	48.43 2.03 0.00	38.23 1.72 -0.06	49.86 1.72 -9.53	49.08 1.82 -4.88	50.11 1.64 -0.85	55.47 1.52 -1.14	49.44 1.48 -0.15	52.01 1.14 -0.46	48.61 1.25 0.00	48.09 1.29 0.00	48.79 0.21 0.00	50.17 0.23 -0.06	55.39 0.09 -4.64	53.90 -0.12 -0.39	52.53 0.61 0.00	46.28 0.74 0.00
ASTORIA_GT4_3 24104	49.95 1.31 0.00	43.72 1.53 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.34 1.06 0.00	51.90 1.09 0.00	49.05 1.59 0.00	50.94 1.69 0.00	48.43 2.03 0.00	38.23 1.72 -0.06	49.86 1.72 -9.53	49.08 1.82 -4.88	50.11 1.64 -0.85	55.47 1.52 -1.14	49.44 1.48 -0.15	52.01 1.14 -0.46	48.61 1.25 0.00	48.09 1.29 0.00	48.79 0.21 0.00	50.17 0.23 -0.06	55.39 0.09 -4.64	53.90 -0.12 -0.39	52.53 0.61 0.00	46.28 0.74 0.00

ASTORIA_GT4_4 24105	49.95 1.31 0.00	43.72 1.53 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.34 1.06 0.00	51.90 1.09 0.00	49.05 1.59 0.00	50.94 1.69 0.00	48.43 2.03 0.00	38.23 1.72 -0.06	49.86 1.72 -9.53	49.08 1.82 -4.88	50.11 1.64 -0.85	55.47 1.52 -1.14	49.44 1.48 -0.15	52.01 1.14 -0.46	48.61 1.25 0.00	48.09 1.29 0.00	48.79 0.21 0.00	50.17 0.23 -0.06	55.39 0.09 -4.64	53.90 -0.12 -0.39	52.53 0.61 0.00	46.28 0.74 0.00
ASTORIA_GT_1 23523	50.07 1.42 0.00	43.80 1.62 0.00	40.60 1.34 0.00	39.05 1.18 0.00	40.41 1.14 0.00	52.00 1.19 0.00	49.16 1.69 0.00	51.05 1.80 0.00	48.54 2.14 0.00	38.33 1.82 -0.06	49.96 1.83 -9.53	49.20 1.94 -4.88	50.24 1.77 -0.85	55.60 1.66 -1.14	49.56 1.60 -0.15	52.15 1.28 -0.46	48.75 1.38 0.00	48.22 1.42 0.00	48.91 0.34 0.00	50.30 0.36 -0.06	55.52 0.22 -4.64	54.02 0.00 -0.39	52.64 0.72 0.00	46.38 0.84 0.00
ASTORIA_GT_10 24110	49.90 1.26 0.00	43.68 1.49 0.00	40.50 1.25 0.00	38.96 1.09 0.00	40.31 1.04 0.00	51.96 1.14 0.00	49.05 1.58 0.00	51.00 1.76 0.00	48.50 2.11 0.00	38.31 1.79 -0.06	49.92 1.79 -9.53	49.18 1.92 -4.88	50.18 1.71 -0.85	55.47 1.53 -1.14	49.42 1.45 -0.15	52.04 1.18 -0.46	48.65 1.29 0.00	48.11 1.32 0.00	48.84 0.26 0.00	50.07 0.19 0.00	50.70 0.05 0.00	53.40 -0.23 0.00	52.25 0.33 0.00	46.14 0.60 0.00
ASTORIA_GT_11 24225	49.90 1.26 0.00	43.68 1.49 0.00	40.50 1.25 0.00	38.96 1.09 0.00	40.31 1.04 0.00	51.96 1.14 0.00	49.05 1.58 0.00	51.00 1.76 0.00	48.50 2.11 0.00	38.31 1.79 -0.06	49.92 1.79 -9.53	49.18 1.92 -4.88	50.18 1.71 -0.85	55.47 1.53 -1.14	49.42 1.45 -0.15	52.04 1.18 -0.46	48.65 1.29 0.00	48.11 1.32 0.00	48.84 0.26 0.00	50.07 0.19 0.00	50.70 0.05 0.00	53.40 -0.23 0.00	52.25 0.33 0.00	46.14 0.60 0.00
ASTORIA_GT_12 24226	49.90 1.26 0.00	43.68 1.49 0.00	40.50 1.25 0.00	38.96 1.09 0.00	40.31 1.04 0.00	51.96 1.14 0.00	49.05 1.58 0.00	51.00 1.76 0.00	48.50 2.11 0.00	38.31 1.79 -0.06	49.92 1.79 -9.53	49.18 1.92 -4.88	50.18 1.71 -0.85	55.47 1.53 -1.14	49.42 1.45 -0.15	52.04 1.18 -0.46	48.65 1.29 0.00	48.11 1.32 0.00	48.84 0.26 0.00	50.07 0.19 0.00	50.70 0.05 0.00	53.40 -0.23 0.00	52.25 0.33 0.00	46.14 0.60 0.00
ASTORIA_GT_13 24227	49.90 1.26 0.00	43.68 1.49 0.00	40.50 1.25 0.00	38.96 1.09 0.00	40.31 1.04 0.00	51.96 1.14 0.00	49.05 1.58 0.00	51.00 1.76 0.00	48.50 2.11 0.00	38.31 1.79 -0.06	49.92 1.79 -9.53	49.18 1.92 -4.88	50.18 1.71 -0.85	55.47 1.53 -1.14	49.42 1.45 -0.15	52.04 1.18 -0.46	48.65 1.29 0.00	48.11 1.32 0.00	48.84 0.26 0.00	50.07 0.19 0.00	50.70 0.05 0.00	53.40 -0.23 0.00	52.25 0.33 0.00	46.14 0.60 0.00
ASTORIA_GT_5 24106	50.07 1.42 0.00	43.80 1.62 0.00	40.60 1.34 0.00	39.05 1.18 0.00	40.41 1.14 0.00	52.00 1.19 0.00	49.16 1.69 0.00	51.05 1.80 0.00	48.54 2.14 0.00	38.33 1.82 -0.06	49.96 1.83 -9.53	49.20 1.94 -4.88	50.24 1.77 -0.85	55.60 1.66 -1.14	49.56 1.60 -0.15	52.15 1.28 -0.46	48.75 1.38 0.00	48.22 1.42 0.00	48.91 0.34 0.00	50.30 0.36 -0.06	55.52 0.22 -4.64	54.02 0.00 -0.39	52.64 0.72 0.00	46.38 0.84 0.00
ASTORIA_GT_7 24107	50.07 1.42 0.00	43.80 1.62 0.00	40.60 1.34 0.00	39.05 1.18 0.00	40.41 1.14 0.00	52.00 1.19 0.00	49.16 1.69 0.00	51.05 1.80 0.00	48.54 2.14 0.00	38.33 1.82 -0.06	49.96 1.83 -9.53	49.20 1.94 -4.88	50.24 1.77 -0.85	55.60 1.66 -1.14	49.56 1.60 -0.15	52.15 1.28 -0.46	48.75 1.38 0.00	48.22 1.42 0.00	48.91 0.34 0.00	50.30 0.36 -0.06	55.52 0.22 -4.64	54.02 0.00 -0.39	52.64 0.72 0.00	46.38 0.84 0.00
ASTORIA_GT_8 24108	50.07 1.42 0.00	43.80 1.62 0.00	40.60 1.34 0.00	39.05 1.18 0.00	40.41 1.14 0.00	52.00 1.19 0.00	49.16 1.69 0.00	51.05 1.80 0.00	48.54 2.14 0.00	38.33 1.82 -0.06	49.96 1.83 -9.53	49.20 1.94 -4.88	50.24 1.77 -0.85	55.60 1.66 -1.14	49.56 1.60 -0.15	52.15 1.28 -0.46	48.75 1.38 0.00	48.22 1.42 0.00	48.91 0.34 0.00	50.30 0.36 -0.06	55.52 0.22 -4.64	54.02 0.00 -0.39	52.64 0.72 0.00	46.38 0.84 0.00
ASTORIA___2 24149	49.95 1.31 0.00	43.72 1.52 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.33 1.06 0.00	51.91 1.09 0.00	49.06 1.59 0.00	50.95 1.71 0.00	48.44 2.04 0.00	38.23 1.72 -0.06	49.87 1.74 -9.53	49.09 1.83 -4.88	50.11 1.64 -0.85	55.47 1.52 -1.14	49.44 1.48 -0.15	52.02 1.15 -0.46	48.62 1.26 0.00	48.09 1.30 0.00	48.79 0.22 0.00	50.18 0.24 -0.06	55.38 0.09 -4.64	53.88 -0.14 -0.39	52.51 0.59 0.00	46.28 0.74 0.00
ASTORIA___3 23516	49.95 1.31 0.00	43.72 1.52 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.33 1.06 0.00	51.91 1.09 0.00	49.06 1.59 0.00	50.95 1.71 0.00	48.44 2.04 0.00	38.23 1.72 -0.06	49.87 1.74 -9.53	49.09 1.83 -4.88	50.11 1.64 -0.85	55.47 1.52 -1.14	49.44 1.48 -0.15	52.02 1.15 -0.46	48.62 1.25 0.00	48.09 1.30 0.00	48.79 0.22 0.00	50.18 0.24 -0.06	55.38 0.09 -4.64	53.88 -0.14 -0.39	52.51 0.59 0.00	46.28 0.74 0.00
ASTORIA___4 23517	49.95 1.31 0.00	43.72 1.53 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.34 1.06 0.00	51.90 1.09 0.00	49.05 1.59 0.00	50.94 1.69 0.00	48.43 2.03 0.00	38.23 1.72 -0.06	49.86 1.72 -9.53	49.08 1.82 -4.88	50.10 1.63 -0.85	55.47 1.52 -1.14	49.44 1.48 -0.15	52.01 1.14 -0.46	48.61 1.25 0.00	48.08 1.28 0.00	48.79 0.21 0.00	50.17 0.23 -0.06	55.39 0.09 -4.64	53.90 -0.12 -0.39	52.52 0.60 0.00	46.28 0.74 0.00
ASTORIA___5 23518	49.90 1.26 0.00	43.68 1.49 0.00	40.50 1.25 0.00	38.96 1.09 0.00	40.31 1.04 0.00	51.96 1.14 0.00	49.05 1.58 0.00	51.02 1.77 0.00	48.51 2.11 0.00	38.30 1.79 -0.06	49.94 1.81 -9.53	49.19 1.94 -4.88	50.18 1.71 -0.85	55.48 1.53 -1.14	49.42 1.46 -0.15	52.05 1.18 -0.46	48.65 1.29 0.00	48.11 1.32 0.00	48.85 0.28 0.00	50.09 0.21 0.00	50.70 0.04 0.00	53.39 -0.24 0.00	52.25 0.33 0.00	46.14 0.60 0.00
AST_ENERGY_2_CC3 323677	49.85 1.21 0.00	43.52 1.33 0.00	40.38 1.13 0.00	38.86 0.98 0.00	40.21 0.93 0.00	51.95 1.14 0.00	48.84 1.38 0.00	50.88 1.64 0.00	48.29 1.90 0.00	38.14 1.63 -0.06	49.80 1.67 -9.53	49.07 1.81 -4.88	50.17 1.71 -0.85	55.50 1.55 -1.14	49.36 1.40 -0.15	52.10 1.23 -0.46	48.60 1.23 0.00	48.03 1.23 0.00	49.02 0.44 0.00	50.16 0.28 0.00	50.75 0.10 0.00	53.43 -0.20 0.00	52.19 0.27 0.00	45.96 0.42 0.00
AST_ENERGY_2_CC4 323678	49.85 1.21 0.00	43.52 1.33 0.00	40.38 1.13 0.00	38.86 0.98 0.00	40.21 0.93 0.00	51.95 1.14 0.00	48.84 1.38 0.00	50.88 1.64 0.00	48.29 1.90 0.00	38.14 1.63 -0.06	49.80 1.67 -9.53	49.07 1.81 -4.88	50.17 1.71 -0.85	55.50 1.55 -1.14	49.36 1.40 -0.15	52.10 1.23 -0.46	48.60 1.23 0.00	48.03 1.23 0.00	49.02 0.44 0.00	50.16 0.28 0.00	50.75 0.10 0.00	53.43 -0.20 0.00	52.19 0.27 0.00	45.96 0.42 0.00

ATHENS_STG_1 23668	48.84 0.20 0.00	42.49 0.31 0.00	39.54 0.29 0.00	38.21 0.34 0.00	39.62 0.34 0.00	51.14 0.33 0.00	47.76 0.29 0.00	49.67 0.42 0.00	46.91 0.52 0.00	36.88 0.40 -0.02	42.84 0.40 -3.84	44.72 0.38 -1.97	48.25 0.29 -0.34	53.43 0.16 -0.46	48.02 0.15 -0.06	50.70 0.10 -0.19	47.55 0.19 0.00	47.06 0.25 0.00	48.45 -0.12 0.00	49.69 -0.19 0.00	50.42 -0.23 0.00	53.18 -0.45 0.00	51.73 -0.19 0.00	45.44 -0.10 0.00
ATHENS_STG_2 23670	48.84 0.20 0.00	42.49 0.31 0.00	39.54 0.29 0.00	38.21 0.34 0.00	39.62 0.34 0.00	51.14 0.33 0.00	47.76 0.29 0.00	49.67 0.42 0.00	46.91 0.52 0.00	36.88 0.40 -0.02	42.84 0.40 -3.84	44.72 0.38 -1.97	48.25 0.29 -0.34	53.43 0.16 -0.46	48.02 0.15 -0.06	50.70 0.10 -0.19	47.55 0.19 0.00	47.06 0.25 0.00	48.45 -0.12 0.00	49.69 -0.19 0.00	50.42 -0.23 0.00	53.18 -0.45 0.00	51.73 -0.19 0.00	45.44 -0.10 0.00
ATHENS_STG_3 23677	48.84 0.20 0.00	42.49 0.31 0.00	39.54 0.29 0.00	38.21 0.34 0.00	39.62 0.34 0.00	51.14 0.33 0.00	47.76 0.29 0.00	49.67 0.42 0.00	46.91 0.52 0.00	36.88 0.40 -0.02	42.84 0.40 -3.84	44.72 0.38 -1.97	48.25 0.29 -0.34	53.43 0.16 -0.46	48.02 0.15 -0.06	50.70 0.10 -0.19	47.55 0.19 0.00	47.06 0.25 0.00	48.45 -0.12 0.00	49.69 -0.19 0.00	50.42 -0.23 0.00	53.18 -0.45 0.00	51.73 -0.19 0.00	45.44 -0.10 0.00
AUBURN___LFGE 323710	49.48 0.84 0.00	42.70 0.48 -0.03	39.71 0.46 0.00	38.26 0.39 0.00	39.60 0.31 0.00	52.01 0.63 -0.57	47.97 0.49 -0.01	49.70 0.45 0.00	46.95 0.56 0.00	36.77 0.31 0.00	39.02 0.42 0.00	42.98 0.60 0.00	48.50 0.88 0.00	54.04 1.23 0.00	48.99 1.18 0.00	51.59 1.18 0.00	48.54 1.17 0.00	48.19 1.24 -0.15	51.11 1.31 -1.23	53.49 1.54 -2.08	52.21 1.25 -0.30	54.85 1.21 0.00	52.95 1.03 0.00	46.36 0.82 0.00
BABYLON_RES_REC 323704	47.16 1.39 2.87	44.09 1.90 0.00	40.65 1.39 0.00	39.09 1.22 0.00	40.56 1.29 0.00	52.31 1.50 0.00	49.02 1.55 0.00	50.69 1.45 0.00	48.35 1.95 0.00	38.39 1.88 -0.06	49.56 1.42 -9.54	43.74 0.69 -0.67	44.05 0.62 4.20	45.01 0.49 8.28	43.65 0.42 4.58	47.85 0.18 2.73	44.99 0.36 2.73	35.57 0.28 11.51	34.99 -0.45 13.14	18.65 -0.31 30.92	24.91 0.07 25.81	22.53 -0.70 30.41	43.49 0.19 8.62	44.41 0.37 1.51
BALL_HILL_WT_PWR 323825	51.35 2.71 0.00	43.81 1.62 0.00	40.86 1.61 0.00	39.02 1.14 0.00	40.73 1.45 0.00	52.95 2.14 0.00	49.50 2.04 0.00	50.88 1.63 0.00	47.67 1.28 0.00	37.81 1.36 0.00	40.69 2.09 0.00	45.39 3.01 0.00	51.03 3.40 0.00	56.97 4.17 0.00	51.48 3.67 0.00	54.22 3.82 0.00	50.16 2.79 0.00	50.34 2.84 -0.69	58.55 3.28 -6.70	52.77 2.89 0.00	53.51 2.86 0.00	57.00 3.36 0.00	54.56 2.64 0.00	47.90 2.35 -0.01
BARON_WINDS___WT_PWR 323822	49.93 1.28 0.00	42.81 0.61 -0.01	39.91 0.66 0.00	38.12 0.24 0.00	39.81 0.53 0.00	51.84 0.87 -0.16	48.41 0.94 0.00	49.95 0.70 0.00	46.67 0.27 0.00	36.75 0.30 0.00	39.42 0.82 0.00	43.69 1.32 0.00	49.05 1.43 0.00	54.72 1.91 0.00	49.40 1.58 0.00	51.99 1.58 0.00	48.47 1.10 0.00	48.55 1.38 -0.37	53.93 1.80 -3.55	52.14 1.67 -0.59	52.37 1.64 -0.08	55.30 1.66 0.00	52.86 0.94 0.00	46.34 0.80 0.00
BARRETT_IC_1 23704	50.55 1.26 -0.65	43.85 1.67 0.00	40.45 1.20 0.00	38.93 1.06 0.00	40.36 1.08 0.00	52.10 1.28 0.00	48.77 1.31 0.00	50.50 1.25 0.00	48.00 1.60 0.00	38.04 1.52 -0.06	49.56 1.42 -9.54	48.24 1.11 -4.75	49.84 0.96 -1.26	54.63 0.89 -0.93	49.16 0.83 -0.52	52.22 0.63 -1.19	48.71 0.73 -0.62	50.05 0.66 -2.60	50.29 -0.04 -1.75	53.38 -0.10 -3.60	77.63 0.03 -26.94	58.32 -0.59 -5.27	52.94 0.10 -0.92	46.01 0.31 -0.16
BARRETT_IC_10 23701	50.55 1.26 -0.65	43.85 1.67 0.00	40.45 1.20 0.00	38.93 1.06 0.00	40.36 1.08 0.00	52.10 1.28 0.00	48.77 1.31 0.00	50.50 1.25 0.00	48.00 1.60 0.00	38.04 1.52 -0.06	49.56 1.42 -9.54	48.24 1.11 -4.75	49.84 0.96 -1.26	54.63 0.89 -0.93	49.16 0.83 -0.52	52.22 0.63 -1.19	48.71 0.73 -0.62	50.05 0.66 -2.60	50.29 -0.04 -1.75	49.17 -0.10 0.62	-249.91 0.03 300.60	31.15 -0.59 21.90	52.94 0.10 -0.92	46.01 0.31 -0.16
BARRETT_IC_11 23702	50.55 1.26 -0.65	43.85 1.67 0.00	40.45 1.20 0.00	38.93 1.06 0.00	40.36 1.08 0.00	52.10 1.28 0.00	48.77 1.31 0.00	50.50 1.25 0.00	48.00 1.60 0.00	38.04 1.52 -0.06	49.56 1.42 -9.54	48.24 1.11 -4.75	49.84 0.96 -1.26	54.63 0.89 -0.93	49.16 0.83 -0.52	52.22 0.63 -1.19	48.71 0.73 -0.62	50.05 0.66 -2.60	50.29 -0.04 -1.75	49.17 -0.10 0.62	-249.91 0.03 300.60	31.15 -0.59 21.90	52.94 0.10 -0.92	46.01 0.31 -0.16
BARRETT_IC_12 23703	50.55 1.26 -0.65	43.85 1.67 0.00	40.45 1.20 0.00	38.93 1.06 0.00	40.36 1.08 0.00	52.10 1.28 0.00	48.77 1.31 0.00	50.50 1.25 0.00	48.00 1.60 0.00	38.04 1.52 -0.06	49.56 1.42 -9.54	48.24 1.11 -4.75	49.84 0.96 -1.26	54.63 0.89 -0.93	49.16 0.83 -0.52	52.22 0.63 -1.19	48.71 0.73 -0.62	50.05 0.66 -2.60	50.29 -0.04 -1.75	49.17 -0.10 0.62	-249.91 0.03 300.60	31.15 -0.59 21.90	52.94 0.10 -0.92	46.01 0.31 -0.16
BARRETT_IC_2 23705	50.55 1.26 -0.65	43.85 1.67 0.00	40.45 1.20 0.00	38.93 1.06 0.00	40.36 1.08 0.00	52.10 1.28 0.00	48.77 1.31 0.00	50.50 1.25 0.00	48.00 1.60 0.00	38.04 1.52 -0.06	49.56 1.42 -9.54	48.24 1.11 -4.75	49.84 0.96 -1.26	54.63 0.89 -0.93	49.16 0.83 -0.52	52.22 0.63 -1.19	48.71 0.73 -0.62	50.05 0.66 -2.60	50.29 -0.04 -1.75	53.38 -0.10 -3.60	77.63 0.03 -26.94	58.32 -0.59 -5.27	52.94 0.10 -0.92	46.01 0.31 -0.16
BARRETT_IC_3 23706	50.55 1.26 -0.65	43.85 1.67 0.00	40.45 1.20 0.00	38.93 1.06 0.00	40.36 1.08 0.00	52.10 1.28 0.00	48.77 1.31 0.00	50.50 1.25 0.00	48.00 1.60 0.00	38.04 1.52 -0.06	49.56 1.42 -9.54	48.24 1.11 -4.75	49.84 0.96 -1.26	54.63 0.89 -0.93	49.16 0.83 -0.52	52.22 0.63 -1.19	48.71 0.73 -0.62	50.05 0.66 -2.60	50.29 -0.04 -1.75	53.38 -0.10 -3.60	77.63 0.03 -26.94	58.32 -0.59 -5.27	52.94 0.10 -0.92	46.01 0.31 -0.16
BARRETT_IC_4 23707	50.55 1.26 -0.65	43.85 1.67 0.00	40.45 1.20 0.00	38.93 1.06 0.00	40.36 1.08 0.00	52.10 1.28 0.00	48.77 1.31 0.00	50.50 1.25 0.00	48.00 1.60 0.00	38.04 1.52 -0.06	49.56 1.42 -9.54	48.24 1.11 -4.75	49.84 0.96 -1.26	54.63 0.89 -0.93	49.16 0.83 -0.52	52.22 0.63 -1.19	48.71 0.73 -0.62	50.05 0.66 -2.60	50.29 -0.04 -1.75	53.38 -0.10 -3.60	77.63 0.03 -26.94	58.32 -0.59 -5.27	52.94 0.10 -0.92	46.01 0.31 -0.16
BARRETT_IC_5 23708	50.55 1.26 -0.65	43.85 1.67 0.00	40.45 1.20 0.00	38.93 1.06 0.00	40.36 1.08 0.00	52.10 1.28 0.00	48.77 1.31 0.00	50.50 1.25 0.00	48.00 1.60 0.00	38.04 1.52 -0.06	49.56 1.42 -9.54	48.24 1.11 -4.75	49.84 0.96 -1.26	54.63 0.89 -0.93	49.16 0.83 -0.52	52.22 0.63 -1.19	48.71 0.73 -0.62	50.05 0.66 -2.60	50.29 -0.04 -1.75	53.38 -0.10 -3.60	77.63 0.03 -26.94	58.32 -0.59 -5.27	52.94 0.10 -0.92	46.01 0.31 -0.16

BARRETT_IC_6 23709	50.55 1.26 -0.65	43.85 1.67 0.00	40.45 1.20 0.00	38.93 1.06 0.00	40.36 1.08 0.00	52.10 1.28 0.00	48.77 1.31 0.00	50.50 1.25 0.00	48.00 1.60 0.00	38.04 1.52 -0.06	49.56 1.42 -9.54	48.24 1.11 -4.75	49.84 0.96 -1.26	54.63 0.89 -0.93	49.16 0.83 -0.52	52.22 0.63 -1.19	48.71 0.73 -0.62	50.05 0.66 -2.60	50.29 -0.04 -1.75	53.38 -0.10 -3.60	77.63 0.03 -26.94	58.32 -0.59 -5.27	52.94 0.10 -0.92	46.01 0.31 -0.16
BARRETT_IC_7 23710	50.56 1.26 -0.65	43.85 1.67 0.00	40.46 1.20 0.00	38.93 1.06 0.00	40.36 1.08 0.00	52.10 1.29 0.00	48.78 1.31 0.00	50.50 1.25 0.00	48.00 1.60 0.00	38.04 1.53 -0.06	49.54 1.41 -9.54	48.28 1.16 -4.75	49.89 1.01 -1.26	54.63 0.89 -0.93	49.16 0.83 -0.52	52.24 0.65 -1.19	48.73 0.75 -0.62	50.08 0.68 -2.60	50.31 -0.02 -1.75	53.43 -0.05 -3.60	77.68 0.08 -26.94	58.39 -0.51 -5.27	52.98 0.14 -0.92	46.02 0.32 -0.16
BARRETT_IC_8 23711	50.55 1.26 -0.65	43.85 1.67 0.00	40.45 1.20 0.00	38.93 1.06 0.00	40.36 1.08 0.00	52.10 1.28 0.00	48.77 1.31 0.00	50.50 1.25 0.00	48.00 1.60 0.00	38.04 1.52 -0.06	49.56 1.42 -9.54	48.24 1.11 -4.75	49.84 0.96 -1.26	54.63 0.89 -0.93	49.16 0.83 -0.52	52.22 0.63 -1.19	48.71 0.73 -0.62	50.05 0.66 -2.60	50.29 -0.04 -1.75	53.38 -0.10 -3.60	77.63 0.03 -26.94	58.32 -0.59 -5.27	52.94 0.10 -0.92	46.01 0.31 -0.16
BARRETT_IC_9 23700	50.55 1.26 -0.65	43.85 1.67 0.00	40.45 1.20 0.00	38.93 1.06 0.00	40.36 1.08 0.00	52.10 1.28 0.00	48.77 1.31 0.00	50.50 1.25 0.00	48.00 1.60 0.00	38.04 1.52 -0.06	49.56 1.42 -9.54	48.24 1.11 -4.75	49.84 0.96 -1.26	54.63 0.89 -0.93	49.16 0.83 -0.52	52.22 0.63 -1.19	48.71 0.73 -0.62	50.05 0.66 -2.60	50.29 -0.04 -1.75	49.17 -0.10 0.62	-249.91 0.03 300.60	31.15 -0.59 21.90	52.94 0.10 -0.92	46.01 0.31 -0.16
BARRETT___1 23545	50.55 1.26 -0.65	43.85 1.67 0.00	40.45 1.20 0.00	38.93 1.06 0.00	40.36 1.08 0.00	52.10 1.28 0.00	48.77 1.31 0.00	50.50 1.25 0.00	48.00 1.60 0.00	38.04 1.52 -0.06	49.56 1.42 -9.54	48.24 1.11 -4.75	49.84 0.96 -1.26	54.63 0.89 -0.93	49.16 0.83 -0.52	52.22 0.63 -1.19	48.71 0.73 -0.62	50.05 0.66 -2.60	50.29 -0.04 -1.75	53.38 -0.10 -3.60	77.63 0.03 -26.94	58.32 -0.59 -5.27	52.94 0.10 -0.92	46.01 0.31 -0.16
BARRETT___2 23546	50.55 1.26 -0.65	43.85 1.67 0.00	40.45 1.20 0.00	38.93 1.06 0.00	40.36 1.08 0.00	52.10 1.28 0.00	48.77 1.31 0.00	50.50 1.25 0.00	48.00 1.60 0.00	38.04 1.52 -0.06	49.56 1.42 -9.54	48.24 1.11 -4.75	49.84 0.96 -1.26	54.63 0.89 -0.93	49.16 0.83 -0.52	52.22 0.63 -1.19	48.71 0.73 -0.62	50.05 0.66 -2.60	50.29 -0.04 -1.75	49.17 -0.10 0.62	-249.91 0.03 300.60	31.15 -0.59 21.90	52.94 0.10 -0.92	46.01 0.31 -0.16
BATAVIA__115KV_TB1 55881	52.34 3.69 0.00	44.83 2.64 0.00	41.70 2.44 0.00	39.95 2.08 0.00	41.58 2.31 0.00	54.08 3.27 0.00	50.62 3.16 0.00	52.09 2.85 0.00	48.83 2.44 0.00	38.62 2.17 0.00	41.28 2.68 0.00	45.83 3.46 0.00	51.82 4.20 0.00	58.27 5.46 0.00	52.53 4.71 0.00	55.28 4.87 0.00	51.39 4.02 0.00	56.87 4.22 -5.84	104.53 4.76 -51.19	54.35 4.47 0.00	55.11 4.46 0.00	58.64 5.00 0.00	56.14 4.22 0.00	49.40 3.82 -0.04
BAYONEEC___CTG1 323682	49.96 1.32 0.00	43.64 1.45 0.00	40.48 1.23 0.00	38.95 1.08 0.00	40.31 1.03 0.00	52.06 1.25 0.00	48.96 1.50 0.00	50.99 1.75 0.00	48.40 2.00 0.00	38.23 1.72 -0.06	49.91 1.78 -9.53	49.18 1.92 -4.88	50.29 1.82 -0.85	55.61 1.67 -1.14	49.48 1.51 -0.15	52.22 1.35 -0.46	48.72 1.35 0.00	48.15 1.35 0.00	49.15 0.57 0.00	50.26 0.38 0.00	50.85 0.19 0.00	53.53 -0.10 0.00	52.28 0.36 0.00	46.06 0.51 0.00
BAYONEEC___CTG10 323750	49.96 1.32 0.00	43.64 1.45 0.00	40.48 1.23 0.00	38.95 1.08 0.00	40.31 1.03 0.00	52.06 1.25 0.00	48.96 1.50 0.00	50.99 1.75 0.00	48.40 2.00 0.00	38.23 1.72 -0.06	49.91 1.78 -9.53	49.18 1.92 -4.88	50.29 1.82 -0.85	55.61 1.67 -1.14	49.48 1.51 -0.15	52.22 1.35 -0.46	48.72 1.35 0.00	48.15 1.35 0.00	49.15 0.57 0.00	50.26 0.38 0.00	50.85 0.19 0.00	53.53 -0.10 0.00	52.28 0.36 0.00	46.06 0.51 0.00
BAYONEEC___CTG2 323683	49.96 1.32 0.00	43.64 1.45 0.00	40.48 1.23 0.00	38.95 1.08 0.00	40.31 1.03 0.00	52.06 1.25 0.00	48.96 1.50 0.00	50.99 1.75 0.00	48.40 2.00 0.00	38.23 1.72 -0.06	49.91 1.78 -9.53	49.18 1.92 -4.88	50.29 1.82 -0.85	55.61 1.67 -1.14	49.48 1.51 -0.15	52.22 1.35 -0.46	48.72 1.35 0.00	48.15 1.35 0.00	49.15 0.57 0.00	50.26 0.38 0.00	50.85 0.19 0.00	53.53 -0.10 0.00	52.28 0.36 0.00	46.06 0.51 0.00
BAYONEEC___CTG3 323684	49.96 1.32 0.00	43.64 1.45 0.00	40.48 1.23 0.00	38.95 1.08 0.00	40.31 1.03 0.00	52.06 1.25 0.00	48.96 1.50 0.00	50.99 1.75 0.00	48.40 2.00 0.00	38.23 1.72 -0.06	49.91 1.78 -9.53	49.18 1.92 -4.88	50.29 1.82 -0.85	55.61 1.67 -1.14	49.48 1.51 -0.15	52.22 1.35 -0.46	48.72 1.35 0.00	48.15 1.35 0.00	49.15 0.57 0.00	50.26 0.38 0.00	50.85 0.19 0.00	53.53 -0.10 0.00	52.28 0.36 0.00	46.06 0.51 0.00
BAYONEEC___CTG4 323685	49.96 1.32 0.00	43.64 1.45 0.00	40.48 1.23 0.00	38.95 1.08 0.00	40.31 1.03 0.00	52.06 1.25 0.00	48.96 1.50 0.00	50.99 1.75 0.00	48.40 2.00 0.00	38.23 1.72 -0.06	49.91 1.78 -9.53	49.18 1.92 -4.88	50.29 1.82 -0.85	55.61 1.67 -1.14	49.48 1.51 -0.15	52.22 1.35 -0.46	48.72 1.35 0.00	48.15 1.35 0.00	49.15 0.57 0.00	50.26 0.38 0.00	50.85 0.19 0.00	53.53 -0.10 0.00	52.28 0.36 0.00	46.06 0.51 0.00
BAYONEEC___CTG5 323686	49.96 1.32 0.00	43.64 1.45 0.00	40.48 1.23 0.00	38.95 1.08 0.00	40.31 1.03 0.00	52.06 1.25 0.00	48.96 1.50 0.00	50.99 1.75 0.00	48.40 2.00 0.00	38.23 1.72 -0.06	49.91 1.78 -9.53	49.18 1.92 -4.88	50.29 1.82 -0.85	55.61 1.67 -1.14	49.48 1.51 -0.15	52.22 1.35 -0.46	48.72 1.35 0.00	48.15 1.35 0.00	49.15 0.57 0.00	50.26 0.38 0.00	50.85 0.19 0.00	53.53 -0.10 0.00	52.28 0.36 0.00	46.06 0.51 0.00
BAYONEEC___CTG6 323687	49.96 1.32 0.00	43.64 1.45 0.00	40.48 1.23 0.00	38.95 1.08 0.00	40.31 1.03 0.00	52.06 1.25 0.00	48.96 1.50 0.00	50.99 1.75 0.00	48.40 2.00 0.00	38.23 1.72 -0.06	49.91 1.78 -9.53	49.18 1.92 -4.88	50.29 1.82 -0.85	55.61 1.67 -1.14	49.48 1.51 -0.15	52.22 1.35 -0.46	48.72 1.35 0.00	48.15 1.35 0.00	49.15 0.57 0.00	50.26 0.38 0.00	50.85 0.19 0.00	53.53 -0.10 0.00	52.28 0.36 0.00	46.06 0.51 0.00
BAYONEEC___CTG7 323688	49.96 1.32 0.00	43.64 1.45 0.00	40.48 1.23 0.00	38.95 1.08 0.00	40.31 1.03 0.00	52.06 1.25 0.00	48.96 1.50 0.00	50.99 1.75 0.00	48.40 2.00 0.00	38.23 1.72 -0.06	49.91 1.78 -9.53	49.18 1.92 -4.88	50.29 1.82 -0.85	55.61 1.67 -1.14	49.48 1.51 -0.15	52.22 1.35 -0.46	48.72 1.35 0.00	48.15 1.35 0.00	49.15 0.57 0.00	50.26 0.38 0.00	50.85 0.19 0.00	53.53 -0.10 0.00	52.28 0.36 0.00	46.06 0.51 0.00

BAYONEEC___CTG8 323689	49.96 1.32 0.00	43.64 1.45 0.00	40.48 1.23 0.00	38.95 1.08 0.00	40.31 1.03 0.00	52.06 1.25 0.00	48.96 1.50 0.00	50.99 1.75 0.00	48.40 2.00 0.00	38.23 1.72 -0.06	49.91 1.78 -9.53	49.18 1.92 -4.88	50.29 1.82 -0.85	55.61 1.67 -1.14	49.48 1.51 -0.15	52.22 1.35 -0.46	48.72 1.35 0.00	48.15 1.35 0.00	49.15 0.57 0.00	50.26 0.38 0.00	50.85 0.19 0.00	53.53 -0.10 0.00	52.28 0.36 0.00	46.06 0.51 0.00
BAYONEEC___CTG9 323749	49.96 1.32 0.00	43.64 1.45 0.00	40.48 1.23 0.00	38.95 1.08 0.00	40.31 1.03 0.00	52.06 1.25 0.00	48.96 1.50 0.00	50.99 1.75 0.00	48.40 2.00 0.00	38.23 1.72 -0.06	49.91 1.78 -9.53	49.18 1.92 -4.88	50.29 1.82 -0.85	55.61 1.67 -1.14	49.48 1.51 -0.15	52.22 1.35 -0.46	48.72 1.35 0.00	48.15 1.35 0.00	49.15 0.57 0.00	50.26 0.38 0.00	50.85 0.19 0.00	53.53 -0.10 0.00	52.28 0.36 0.00	46.06 0.51 0.00
BEACON___LESR 323632	48.35 -0.30 0.00	42.07 -0.12 0.00	39.14 -0.12 0.00	37.83 -0.05 0.00	39.28 0.00 0.00	50.84 0.02 0.00	47.36 -0.11 0.00	49.26 0.02 0.00	46.46 0.06 0.00	36.31 -0.09 0.05	31.30 -0.02 7.28	38.52 -0.13 3.73	46.76 -0.21 0.65	51.60 -0.34 0.87	47.35 -0.35 0.11	49.81 -0.24 0.36	47.28 -0.08 0.00	46.85 0.05 0.00	48.48 -0.09 0.00	49.59 -0.30 0.00	50.21 -0.44 0.00	53.01 -0.63 0.00	51.45 -0.47 0.00	45.25 -0.30 0.00
BEAVER RIVER___HYD 24048	51.60 2.95 0.00	44.59 2.38 -0.02	41.44 2.18 0.00	39.79 1.92 0.00	41.19 1.91 0.00	53.97 2.83 -0.33	50.04 2.57 0.00	51.84 2.59 0.00	48.40 2.00 0.00	37.77 1.32 0.00	39.84 1.24 0.00	43.55 1.17 0.00	48.94 1.32 0.00	54.27 1.46 0.00	48.80 0.98 0.00	52.02 1.62 0.00	48.84 1.47 0.00	48.99 2.10 -0.09	51.74 2.45 -0.71	54.70 3.61 -1.21	54.90 4.07 -0.17	58.13 4.49 0.00	55.84 3.92 0.00	48.33 2.79 0.00
BEEBEE_GT_13 23619	50.19 1.54 0.00	43.17 0.98 0.00	40.16 0.91 0.00	38.59 0.71 0.00	40.09 0.81 0.00	52.05 1.24 0.00	48.71 1.24 0.00	50.25 1.01 0.00	47.30 0.91 0.00	37.37 0.92 0.00	39.94 1.34 0.00	44.30 1.93 0.00	50.01 2.39 0.00	55.89 3.08 0.00	50.58 2.77 0.00	53.34 2.94 0.00	49.70 2.33 0.00	48.84 2.32 0.28	48.69 2.59 2.47	52.20 2.32 0.00	52.88 2.22 0.00	56.10 2.47 0.00	53.86 1.94 0.00	47.26 1.72 0.00
BENSHRST_27_KV_BENSHRST_1 355998	50.55 1.90 0.00	44.21 2.02 0.00	40.98 1.73 0.00	39.40 1.53 0.00	40.77 1.49 0.00	52.47 1.66 0.00	49.57 2.10 0.00	51.43 2.18 0.00	48.97 2.57 0.00	38.67 2.15 -0.06	50.29 2.16 -9.53	49.61 2.35 -4.88	50.63 2.16 -0.85	56.03 2.08 -1.14	50.00 2.03 -0.15	52.68 1.81 -0.46	49.29 1.93 0.00	48.71 1.91 0.00	49.36 0.79 0.00	50.65 0.77 0.00	51.32 0.66 0.00	54.04 0.40 0.00	52.81 0.89 0.00	46.65 1.11 0.00
BETHLEHEM___GRP 23843	47.74 -0.91 0.00	41.56 -0.62 0.00	38.66 -0.59 0.00	37.38 -0.49 0.00	38.74 -0.54 0.00	50.05 -0.76 0.00	46.71 -0.75 0.00	48.56 -0.68 0.00	45.83 -0.57 0.00	35.92 -0.49 0.04	31.24 -0.52 6.84	38.11 -0.76 3.50	46.08 -0.94 0.61	50.83 -1.16 0.82	46.67 -1.04 0.11	49.02 -1.06 0.33	46.54 -0.82 0.00	46.08 -0.72 0.00	47.55 -1.03 0.00	48.73 -1.15 0.00	49.45 -1.20 0.00	52.24 -1.40 0.00	50.77 -1.16 0.00	44.64 -0.90 0.00
BETHLEHEM___GS1 323560	47.74 -0.91 0.00	41.56 -0.62 0.00	38.66 -0.60 0.00	37.38 -0.49 0.00	38.74 -0.54 0.00	50.05 -0.76 0.00	46.71 -0.75 0.00	48.57 -0.67 0.00	45.84 -0.56 0.00	35.92 -0.49 0.04	31.21 -0.55 6.84	38.11 -0.76 3.50	46.07 -0.95 0.61	50.84 -1.15 0.82	46.66 -1.04 0.11	49.02 -1.05 0.33	46.54 -0.82 0.00	46.08 -0.72 0.00	47.55 -1.03 0.00	48.73 -1.15 0.00	49.45 -1.20 0.00	52.23 -1.41 0.00	50.77 -1.16 0.00	44.64 -0.91 0.00
BETHLEHEM___GS2 323561	47.74 -0.91 0.00	41.56 -0.62 0.00	38.66 -0.60 0.00	37.38 -0.49 0.00	38.74 -0.54 0.00	50.05 -0.76 0.00	46.71 -0.75 0.00	48.57 -0.67 0.00	45.84 -0.56 0.00	35.92 -0.49 0.04	31.21 -0.55 6.84	38.11 -0.76 3.50	46.07 -0.95 0.61	50.84 -1.15 0.82	46.66 -1.04 0.11	49.02 -1.05 0.33	46.54 -0.82 0.00	46.08 -0.72 0.00	47.55 -1.03 0.00	48.73 -1.15 0.00	49.45 -1.20 0.00	52.23 -1.41 0.00	50.77 -1.16 0.00	44.64 -0.91 0.00
BETHLEHEM___GS3 323562	47.74 -0.91 0.00	41.56 -0.62 0.00	38.66 -0.60 0.00	37.38 -0.49 0.00	38.74 -0.54 0.00	50.05 -0.76 0.00	46.71 -0.75 0.00	48.57 -0.67 0.00	45.84 -0.56 0.00	35.92 -0.49 0.04	31.21 -0.55 6.84	38.11 -0.76 3.50	46.07 -0.95 0.61	50.84 -1.15 0.82	46.66 -1.04 0.11	49.02 -1.05 0.33	46.54 -0.82 0.00	46.08 -0.72 0.00	47.55 -1.03 0.00	48.73 -1.15 0.00	49.45 -1.20 0.00	52.23 -1.41 0.00	50.77 -1.16 0.00	44.64 -0.91 0.00
BETHLEHEM___STEEL 23779	51.56 2.92 0.00	44.08 1.90 0.00	41.08 1.83 0.00	39.29 1.42 0.00	40.94 1.66 0.00	53.25 2.43 0.00	49.78 2.31 0.00	51.04 1.79 0.00	47.86 1.47 0.00	38.07 1.61 0.00	40.93 2.33 0.00	45.68 3.30 0.00	51.39 3.77 0.00	57.45 4.64 0.00	51.90 4.08 0.00	54.64 4.24 0.00	50.53 3.16 0.00	50.72 3.16 -0.75	59.59 3.76 -7.25	53.18 3.30 0.00	53.88 3.22 0.00	57.47 3.83 0.00	55.04 3.12 0.00	48.54 2.99 -0.01
BETHLHEM_115KV_TB1 79974	47.91 -0.74 0.00	41.70 -0.49 0.00	38.79 -0.46 0.00	37.51 -0.37 0.00	38.87 -0.41 0.00	50.23 -0.58 0.00	46.86 -0.60 0.00	48.73 -0.51 0.00	45.99 -0.41 0.00	36.04 -0.37 0.04	31.75 -0.40 6.45	38.46 -0.61 3.30	46.28 -0.77 0.57	51.07 -0.96 0.77	46.84 -0.87 0.10	49.22 -0.87 0.31	46.70 -0.67 0.00	46.23 -0.57 0.00	47.71 -0.87 0.00	48.89 -0.99 0.00	49.62 -1.03 0.00	52.41 -1.23 0.00	50.95 -0.97 0.00	44.77 -0.77 0.00
BETHPAGE_CC_5 323564	47.22 1.18 2.60	43.90 1.71 0.00	40.49 1.23 0.00	38.96 1.08 0.00	40.40 1.12 0.00	52.08 1.27 0.00	48.79 1.32 0.00	50.50 1.26 0.00	48.14 1.74 0.00	38.20 1.68 -0.06	49.63 1.50 -9.54	44.51 1.05 -1.08	44.90 0.99 3.72	46.32 0.89 7.38	44.50 0.82 4.13	48.65 0.67 2.43	45.66 0.76 2.48	37.07 0.69 10.43	36.57 -0.04 11.96	21.62 -0.08 28.18	27.81 0.19 23.02	25.38 -0.58 27.67	44.08 0.02 7.86	44.43 0.26 1.38
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	51.81 3.16 0.00	44.27 2.08 0.00	41.24 1.99 0.00	39.45 1.57 0.00	41.10 1.82 0.00	53.45 2.64 0.00	49.97 2.50 0.00	51.26 2.02 0.00	48.08 1.69 0.00	38.27 1.81 0.00	41.16 2.56 0.00	45.95 3.58 0.00	51.69 4.07 0.00	57.79 4.98 0.00	52.22 4.41 0.00	54.99 4.59 0.00	50.87 3.50 0.00	51.04 3.50 -0.74	59.84 4.10 -7.17	53.52 3.64 0.00	54.19 3.54 0.00	57.81 4.17 0.00	55.33 3.40 0.00	48.77 3.22 -0.01
BINGHAMTON___COGEN 23790	49.24 0.59 0.00	42.44 0.24 -0.02	39.53 0.28 0.00	38.03 0.16 0.00	39.56 0.28 0.00	51.46 0.37 -0.28	47.83 0.36 0.00	49.63 0.39 0.00	46.71 0.31 0.00	36.70 0.25 0.00	39.06 0.46 0.00	43.16 0.79 0.00	48.52 0.90 0.00	53.92 1.11 0.00	48.80 0.98 0.00	51.37 0.97 0.00	48.10 0.74 0.00	47.70 0.82 -0.07	50.35 0.90 -0.87	51.80 0.90 -1.02	51.54 0.75 -0.15	54.34 0.71 0.00	52.51 0.58 0.00	45.94 0.39 0.00

BIXINCNT_115KV_LOAD 355685	51.34 2.70 0.00	43.89 1.70 0.00	40.94 1.69 0.00	39.13 1.26 0.00	40.77 1.49 0.00	52.82 2.01 0.00	49.63 2.16 0.00	51.08 1.84 0.00	47.93 1.53 0.00	38.07 1.62 0.00	40.99 2.39 0.00	45.70 3.33 0.00	51.44 3.81 0.00	57.46 4.65 0.00	51.96 4.14 0.00	54.57 4.16 0.00	50.44 3.08 0.00	50.46 3.02 -0.65	58.30 3.49 -6.24	52.81 2.94 0.00	53.55 2.89 0.00	57.23 3.60 0.00	54.90 2.98 0.00	48.24 2.69 -0.01
BLACK RIVER___HYD 24047	52.19 3.55 0.00	45.08 2.86 -0.03	41.87 2.62 0.00	40.15 2.28 0.00	41.55 2.27 0.00	54.72 3.37 -0.53	50.59 3.12 -0.01	52.36 3.12 0.00	48.85 2.45 0.00	38.12 1.66 0.00	40.18 1.58 0.00	43.81 1.44 0.00	49.20 1.58 0.00	54.59 1.79 0.00	48.87 1.05 0.00	52.08 1.67 0.00	49.18 1.81 0.00	49.62 2.67 -0.14	52.88 3.15 -1.15	56.33 4.49 -1.96	56.13 5.20 -0.28	59.25 5.62 0.00	56.74 4.82 0.00	48.93 3.39 0.00
BLACKRVR_115KV_TB2 79977	52.19 3.55 0.00	45.08 2.86 -0.03	41.87 2.62 0.00	40.15 2.28 0.00	41.55 2.27 0.00	54.72 3.37 -0.53	50.59 3.12 -0.01	52.37 3.12 0.00	48.85 2.45 0.00	38.11 1.66 0.00	40.18 1.58 0.00	43.81 1.44 0.00	49.20 1.58 0.00	54.60 1.79 0.00	48.87 1.05 0.00	52.07 1.67 0.00	49.18 1.81 0.00	49.62 2.67 -0.14	52.88 3.15 -1.15	56.34 4.50 -1.96	56.12 5.18 -0.28	59.23 5.60 0.00	56.73 4.81 0.00	48.93 3.39 0.00
BLDWN_LI_69_KV_BK4 356085	48.99 1.69 1.35	44.21 2.02 0.00	40.77 1.51 0.00	39.23 1.35 0.00	40.66 1.38 0.00	52.51 1.70 0.00	49.20 1.73 0.00	50.97 1.72 0.00	48.49 2.10 0.00	38.45 1.93 -0.06	49.94 1.81 -9.54	46.69 1.57 -2.74	47.54 1.55 1.63	50.71 1.55 3.65	47.03 1.40 2.18	50.67 1.30 1.03	47.41 1.33 1.28	42.68 1.29 5.40	42.58 0.58 6.57	34.78 0.57 15.67	43.37 0.78 8.06	38.71 0.12 15.04	48.16 0.62 4.39	45.48 0.70 0.77
BLISS_WT_PWR 323608	51.34 2.70 0.00	43.89 1.70 0.00	40.94 1.69 0.00	39.13 1.26 0.00	40.77 1.49 0.00	52.83 2.01 0.00	49.63 2.17 0.00	51.07 1.82 0.00	47.92 1.52 0.00	38.08 1.62 0.00	41.01 2.41 0.00	45.72 3.35 0.00	51.48 3.86 0.00	57.47 4.67 0.00	51.98 4.16 0.00	54.58 4.18 0.00	50.47 3.10 0.00	50.47 3.03 -0.65	58.30 3.49 -6.24	52.81 2.93 0.00	53.62 2.97 0.00	57.31 3.68 0.00	54.92 3.00 0.00	48.24 2.69 -0.01
BLUESTONE___WT_PWR 323821	51.43 2.79 0.00	44.32 2.12 -0.02	41.20 1.94 0.00	39.60 1.73 0.00	41.15 1.87 0.00	53.58 2.53 -0.24	49.99 2.52 0.00	51.90 2.66 0.00	48.79 2.39 0.00	38.29 1.84 0.00	40.69 2.09 0.00	44.76 2.39 0.00	50.37 2.74 0.00	56.14 3.33 0.00	50.65 2.83 0.00	53.35 2.94 0.00	50.19 2.82 0.00	50.06 3.20 -0.06	52.37 3.28 -0.52	54.18 3.42 -0.88	54.36 3.58 -0.13	57.13 3.50 0.00	55.01 3.09 0.00	47.97 2.42 0.00
BLUE_CIRC_CHEM_DRP 24182	47.45 -1.19 0.00	41.30 -0.89 0.00	38.45 -0.80 0.00	37.19 -0.68 0.00	38.56 -0.71 0.00	49.83 -0.98 0.00	46.47 -1.00 0.00	48.20 -1.05 0.00	45.41 -0.99 0.00	35.53 -0.90 0.03	33.14 -0.98 4.48	38.80 -1.27 2.30	45.73 -1.49 0.40	50.53 -1.74 0.54	46.20 -1.55 0.07	48.64 -1.54 0.22	46.11 -1.26 0.00	45.70 -1.10 0.00	47.24 -1.33 0.00	48.48 -1.40 0.00	49.23 -1.43 0.00	52.00 -1.64 0.00	50.52 -1.40 0.00	44.41 -1.13 0.00
BOC_GAS_DRP 24189	48.29 -0.35 0.00	42.01 -0.17 0.00	39.11 -0.14 0.00	37.80 -0.07 0.00	39.20 -0.08 0.00	50.62 -0.19 0.00	47.24 -0.23 0.00	49.09 -0.16 0.00	46.32 -0.08 0.00	36.34 -0.08 0.03	34.21 -0.10 4.29	39.95 -0.23 2.20	46.89 -0.35 0.38	51.79 -0.51 0.51	47.28 -0.47 0.07	49.72 -0.48 0.21	47.02 -0.35 0.00	46.52 -0.28 0.00	48.01 -0.57 0.00	49.24 -0.64 0.00	49.97 -0.68 0.00	52.80 -0.84 0.00	51.30 -0.62 0.00	45.07 -0.47 0.00
BOONVILLE_115KV_TB1 79983	50.67 2.02 0.00	43.82 1.62 -0.01	40.74 1.49 0.00	39.21 1.33 0.00	40.64 1.36 0.00	52.95 1.97 -0.16	49.23 1.76 0.00	51.08 1.83 0.00	47.92 1.52 0.00	37.51 1.05 0.00	39.70 1.10 0.00	43.55 1.18 0.00	49.06 1.44 0.00	54.37 1.56 0.00	49.16 1.35 0.00	52.22 1.82 0.00	49.06 1.69 0.00	48.83 1.99 -0.04	51.10 2.19 -0.34	53.16 2.70 -0.58	53.59 2.85 -0.08	56.63 3.00 0.00	54.56 2.64 0.00	47.48 1.94 0.00
BORALEX_4TH_BRANCH 23824	49.76 1.12 0.00	43.43 1.25 0.00	40.39 1.14 0.00	39.07 1.19 0.00	40.48 1.20 0.00	52.38 1.56 0.00	48.78 1.32 0.00	50.80 1.55 0.00	47.80 1.41 0.00	37.18 0.85 0.12	20.80 0.76 18.56	33.43 0.57 9.51	46.45 0.47 1.65	50.82 0.23 2.22	47.71 0.19 0.29	49.84 0.35 0.91	47.77 0.41 0.00	47.34 0.54 0.00	48.96 0.38 0.00	50.19 0.31 0.00	51.02 0.37 0.00	54.09 0.46 0.00	52.76 0.84 0.00	46.41 0.86 0.00
BOWLINE___1 23526	49.39 0.74 0.00	43.06 0.87 0.00	40.00 0.74 0.00	38.51 0.64 0.00	39.86 0.59 0.00	51.51 0.70 0.00	48.36 0.89 0.00	50.27 1.03 0.00	47.58 1.19 0.00	37.51 1.00 -0.06	48.34 1.04 -8.70	47.98 1.15 -4.46	49.56 1.16 -0.77	54.94 1.10 -1.04	48.91 0.96 -0.13	51.73 0.90 -0.42	48.25 0.88 0.00	47.75 0.95 0.00	48.93 0.36 0.00	50.19 0.31 0.00	50.89 0.24 0.00	53.59 -0.04 0.00	52.19 0.26 0.00	45.85 0.30 0.00
BOWLINE___2 23595	49.31 0.67 0.00	43.01 0.82 0.00	39.95 0.69 0.00	38.48 0.60 0.00	39.82 0.54 0.00	51.43 0.62 0.00	48.28 0.81 0.00	50.20 0.95 0.00	47.51 1.11 0.00	37.46 0.95 -0.06	48.27 0.98 -8.70	47.90 1.07 -4.46	49.47 1.07 -0.77	54.85 1.00 -1.04	48.82 0.87 -0.13	51.65 0.82 -0.42	48.16 0.79 0.00	47.68 0.88 0.00	48.85 0.27 0.00	50.09 0.21 0.00	50.81 0.16 0.00	53.49 -0.14 0.00	52.10 0.18 0.00	45.77 0.23 0.00
BRADY___115KV_TB2 356060	50.47 1.82 0.00	43.75 1.56 0.00	40.67 1.41 0.00	39.21 1.33 0.00	40.69 1.41 0.00	52.74 1.93 0.00	49.27 1.80 0.00	50.83 1.58 0.00	47.39 0.99 0.00	37.09 0.64 0.00	39.13 0.53 0.00	42.92 0.54 0.00	48.30 0.67 0.00	53.58 0.78 0.00	48.53 0.71 0.00	51.11 0.71 0.00	47.77 0.41 0.00	47.26 0.46 0.00	49.46 0.89 0.00	51.33 1.46 0.00	52.57 1.92 0.00	56.23 2.60 0.00	54.32 2.40 0.00	47.59 2.05 0.00
BRANSCOMB___SOLAR 323811	50.15 1.50 0.00	43.52 1.33 0.00	40.51 1.25 0.00	39.14 1.26 0.00	40.60 1.32 0.00	52.49 1.67 0.00	49.01 1.54 0.00	50.93 1.68 0.00	47.89 1.50 0.00	37.31 0.91 0.06	30.08 0.79 9.31	38.29 0.68 4.77	47.39 0.59 0.83	52.38 0.69 1.11	48.46 0.79 0.14	51.03 1.08 0.46	48.68 1.32 0.00	48.36 1.56 0.00	50.20 1.63 0.00	51.65 1.77 0.00	52.41 1.76 0.00	55.35 1.72 0.00	53.70 1.78 0.00	47.12 1.58 0.00
BRDGHMPT_69_KV_BK1 55812	47.32 1.97 3.29	44.64 2.45 0.00	41.11 1.86 0.00	39.53 1.66 0.00	41.06 1.78 0.00	52.89 2.08 0.00	49.61 2.15 0.00	51.22 1.98 0.00	48.80 2.40 0.00	38.92 2.41 -0.06	50.45 2.31 -9.54	44.36 1.95 -0.04	44.70 2.03 4.95	45.32 2.22 9.71	44.83 2.31 5.29	49.38 2.18 3.19	46.35 2.11 3.13	35.56 1.95 13.19	34.63 1.04 14.98	15.63 0.94 35.20	22.55 1.72 29.83	19.90 0.91 34.64	43.29 1.18 9.82	44.85 1.03 1.72

BRENTWOD_69_KV_W. BRTWOOD 56703	46.87 1.45 3.23	44.22 2.03 0.00	40.75 1.50 0.00	39.22 1.34 0.00	40.70 1.42 0.00	52.48 1.67 0.00	49.13 1.67 0.00	50.63 1.38 0.00	48.42 2.02 0.00	38.47 1.95 -0.06	49.84 1.71 -9.54	43.67 1.15 -0.14	43.95 1.15 4.83	44.41 1.08 9.48	43.68 1.04 5.17	48.24 0.96 3.12	45.40 1.10 3.07	34.93 1.05 12.92	34.28 0.38 14.68	15.74 0.36 34.50	22.47 0.84 29.02	19.59 -0.11 33.94	42.57 0.27 9.62	44.25 0.39 1.68
BRISTLHL_115KV_TB1 79998	47.98 -0.67 0.00	41.59 -0.67 -0.07	38.66 -0.59 0.00	37.28 -0.60 0.00	38.66 -0.62 0.00	51.28 -0.76 -1.23	46.80 -0.68 -0.02	48.54 -0.70 0.00	45.75 -0.65 0.00	35.95 -0.50 0.00	38.11 -0.49 0.00	41.92 -0.45 0.00	47.15 -0.47 0.00	52.37 -0.44 0.00	47.43 -0.38 0.00	50.04 -0.36 0.00	47.04 -0.33 0.00	46.87 -0.26 -0.33	50.97 -0.25 -2.65	54.11 -0.28 -4.51	50.97 -0.33 -0.65	53.24 -0.39 0.00	51.34 -0.58 0.00	44.95 -0.60 0.00
BROOKHAVEN___DRP 24191	46.11 0.77 3.30	43.63 1.44 0.00	40.15 0.90 0.00	38.63 0.75 0.00	40.13 0.85 0.00	51.70 0.88 0.00	48.46 0.99 0.00	50.04 0.80 0.00	47.73 1.33 0.00	37.97 1.45 -0.06	49.36 1.22 -9.54	43.01 0.60 -0.04	43.19 0.52 4.95	43.48 0.39 9.72	43.03 0.51 5.29	47.62 0.41 3.19	44.80 0.57 3.13	34.14 0.54 13.20	33.44 -0.15 14.98	14.59 -0.07 35.21	21.21 0.40 29.84	18.42 -0.55 34.66	41.80 -0.30 9.82	43.66 -0.17 1.72
BROOKLYN_NAVY_YARD 23515	49.92 1.27 0.00	43.56 1.38 0.00	40.42 1.17 0.00	38.91 1.04 0.00	40.25 0.97 0.00	51.99 1.18 0.00	48.87 1.41 0.00	50.93 1.69 0.00	48.34 1.94 0.00	38.16 1.65 -0.06	49.80 1.67 -9.53	49.08 1.83 -4.88	50.19 1.72 -0.85	55.50 1.56 -1.14	49.37 1.41 -0.15	52.12 1.25 -0.46	48.63 1.26 0.00	48.01 1.22 0.00	49.00 0.43 0.00	50.26 0.29 -0.09	57.70 0.08 -6.96	54.00 -0.21 -0.58	52.22 0.30 0.00	45.98 0.44 0.00
BROOKLYN___ARMY_DRP 323595	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
BROOME_2_LFGE 323671	49.24 0.59 0.00	42.44 0.24 -0.02	39.53 0.28 0.00	38.03 0.16 0.00	39.56 0.28 0.00	51.47 0.38 -0.28	47.83 0.36 0.00	49.63 0.38 0.00	46.71 0.32 0.00	36.71 0.25 0.00	39.07 0.47 0.00	43.17 0.79 0.00	48.52 0.90 0.00	53.92 1.11 0.00	48.79 0.98 0.00	51.37 0.97 0.00	48.10 0.73 0.00	47.70 0.82 -0.07	50.35 0.90 -0.87	51.80 0.90 -1.02	51.56 0.76 -0.15	54.35 0.72 0.00	52.51 0.59 0.00	45.94 0.39 0.00
BROOME___LFGE 323600	49.24 0.59 0.00	42.44 0.24 -0.02	39.53 0.28 0.00	38.03 0.16 0.00	39.56 0.28 0.00	51.47 0.38 -0.28	47.83 0.36 0.00	49.63 0.38 0.00	46.71 0.32 0.00	36.71 0.25 0.00	39.07 0.47 0.00	43.17 0.79 0.00	48.52 0.90 0.00	53.92 1.11 0.00	48.79 0.98 0.00	51.37 0.97 0.00	48.10 0.73 0.00	47.70 0.82 -0.07	50.35 0.90 -0.87	51.80 0.90 -1.02	51.56 0.76 -0.15	54.35 0.72 0.00	52.51 0.59 0.00	45.94 0.39 0.00
BROWNFLS_115KV_TB 3_5 80003	50.68 2.04 0.00	43.89 1.69 -0.01	40.79 1.53 0.00	39.26 1.39 0.00	40.70 1.42 0.00	53.03 2.05 -0.17	49.35 1.88 0.00	51.04 1.79 0.00	47.70 1.30 0.00	37.31 0.86 0.00	39.36 0.76 0.00	43.10 0.72 0.00	48.48 0.86 0.00	53.79 0.98 0.00	48.56 0.74 0.00	51.41 1.01 0.00	48.04 0.68 0.00	47.79 0.94 -0.05	50.12 1.18 -0.37	52.37 1.87 -0.62	52.88 2.13 -0.09	56.63 3.00 0.00	54.69 2.76 0.00	47.67 2.13 0.00
BROWNSV1_27_KV_LOAD 356125	50.57 1.93 0.00	44.12 1.93 0.00	40.93 1.67 0.00	39.37 1.50 0.00	40.75 1.47 0.00	52.64 1.83 0.00	49.52 2.06 0.00	51.60 2.36 0.00	48.96 2.56 0.00	38.67 2.16 -0.06	50.38 2.24 -9.53	49.73 2.47 -4.88	50.92 2.45 -0.85	56.33 2.38 -1.14	50.12 2.16 -0.15	52.89 2.02 -0.46	49.33 1.96 0.00	48.74 1.94 0.00	49.77 1.20 0.00	50.91 1.03 0.00	51.54 0.89 0.00	54.26 0.63 0.00	52.95 1.03 0.00	46.60 1.06 0.00
BURROWS___LYONSDAL 23803	50.88 2.23 0.00	43.99 1.79 -0.01	40.90 1.64 0.00	39.34 1.47 0.00	40.76 1.48 0.00	53.18 2.18 -0.19	49.41 1.94 0.00	51.24 2.00 0.00	48.02 1.62 0.00	37.55 1.10 0.00	39.71 1.11 0.00	43.54 1.16 0.00	49.03 1.40 0.00	54.32 1.52 0.00	49.04 1.23 0.00	52.19 1.79 0.00	49.00 1.63 0.00	48.85 2.00 -0.05	51.22 2.23 -0.41	53.50 2.92 -0.71	53.88 3.13 -0.10	56.97 3.33 0.00	54.84 2.92 0.00	47.65 2.11 0.00
CAITHNESS_CC_1 323624	46.09 0.74 3.30	43.61 1.42 0.00	40.14 0.88 0.00	38.62 0.75 0.00	40.12 0.84 0.00	51.69 0.88 0.00	48.42 0.96 0.00	50.03 0.78 0.00	47.71 1.31 0.00	37.94 1.42 -0.06	49.35 1.21 -9.54	42.95 0.54 -0.03	43.10 0.43 4.95	43.41 0.33 9.72	42.94 0.42 5.29	47.52 0.31 3.19	44.70 0.47 3.14	34.03 0.43 13.20	33.32 -0.26 14.99	14.45 -0.20 35.23	21.02 0.23 29.86	18.24 -0.72 34.68	41.68 -0.43 9.82	43.61 -0.21 1.72
CALPINE BETH_PAGE_GT4 24209	47.60 1.25 2.30	43.92 1.73 0.00	40.50 1.25 0.00	38.97 1.10 0.00	40.40 1.13 0.00	52.14 1.32 0.00	48.86 1.39 0.00	50.59 1.35 0.00	48.20 1.81 0.00	38.24 1.73 -0.06	49.68 1.55 -9.54	45.10 1.18 -1.55	45.50 1.05 3.17	47.40 0.93 6.34	45.03 0.83 3.62	49.02 0.70 2.09	45.97 0.79 2.18	38.33 0.73 9.20	37.94 -0.01 10.62	24.78 -0.05 25.06	31.06 0.24 19.83	28.59 -0.49 24.56	45.07 0.14 6.99	44.63 0.31 1.22
CALPINE_BETH_PAGE_GT_4 323586	47.60 1.25 2.30	43.92 1.73 0.00	40.50 1.24 0.00	38.97 1.10 0.00	40.40 1.12 0.00	52.14 1.32 0.00	48.85 1.38 0.00	50.60 1.35 0.00	48.20 1.81 0.00	38.24 1.73 -0.06	49.70 1.56 -9.54	45.06 1.15 -1.55	45.45 1.00 3.17	47.39 0.93 6.34	45.02 0.82 3.62	49.01 0.69 2.09	45.96 0.78 2.18	38.30 0.70 9.20	37.92 -0.03 10.62	24.75 -0.07 25.06	30.98 0.16 19.83	28.52 -0.56 24.56	45.03 0.09 6.99	44.62 0.30 1.22
CALPINE_BP_GT1 23823	47.60 1.25 2.30	43.92 1.73 0.00	40.50 1.24 0.00	38.97 1.10 0.00	40.40 1.12 0.00	52.14 1.32 0.00	48.85 1.38 0.00	50.60 1.35 0.00	48.20 1.81 0.00	38.24 1.73 -0.06	49.70 1.56 -9.54	45.06 1.15 -1.55	45.45 1.00 3.17	47.39 0.93 6.34	45.02 0.82 3.62	49.01 0.69 2.09	45.96 0.78 2.18	38.30 0.70 9.20	37.92 -0.03 10.62	24.75 -0.07 25.06	30.98 0.16 19.83	28.52 -0.56 24.56	45.03 0.09 6.99	44.62 0.30 1.22
CALSPAN___DRP 24200	51.56 2.92 0.00	44.08 1.90 0.00	41.08 1.83 0.00	39.29 1.42 0.00	40.94 1.66 0.00	53.25 2.43 0.00	49.78 2.31 0.00	51.04 1.79 0.00	47.86 1.47 0.00	38.07 1.61 0.00	40.93 2.33 0.00	45.68 3.30 0.00	51.39 3.77 0.00	57.45 4.64 0.00	51.90 4.08 0.00	54.64 4.24 0.00	50.53 3.16 0.00	50.72 3.16 -0.75	59.59 3.76 -7.25	53.18 3.30 0.00	53.88 3.22 0.00	57.47 3.83 0.00	55.04 3.12 0.00	48.54 2.99 -0.01

CALVERTON___SOLAR 323806	46.22 0.87 3.30	43.71 1.52 0.00	40.22 0.97 0.00	38.69 0.82 0.00	40.20 0.92 0.00	51.79 0.97 0.00	48.54 1.08 0.00	50.14 0.90 0.00	47.82 1.42 0.00	38.05 1.54 -0.06	49.47 1.34 -9.54	43.07 0.66 -0.04	43.25 0.57 4.95	43.62 0.53 9.71	43.17 0.65 5.29	47.78 0.57 3.19	44.93 0.70 3.13	34.27 0.67 13.19	33.53 -0.06 14.98	14.67 0.00 35.21	21.26 0.44 29.84	18.48 -0.50 34.65	41.89 -0.22 9.82	43.75 -0.08 1.72
CANDIGU_WT_PWR 323617	49.93 1.28 0.00	42.81 0.61 -0.01	39.91 0.66 0.00	38.12 0.24 0.00	39.81 0.53 0.00	51.84 0.87 -0.16	48.41 0.94 0.00	49.95 0.70 0.00	46.67 0.27 0.00	36.75 0.30 0.00	39.42 0.82 0.00	43.69 1.32 0.00	49.05 1.43 0.00	54.72 1.91 0.00	49.40 1.58 0.00	51.99 1.58 0.00	48.47 1.10 0.00	48.55 1.38 -0.37	53.93 1.80 -3.55	52.14 1.67 -0.59	52.37 1.64 -0.08	55.30 1.66 0.00	52.86 0.94 0.00	46.34 0.80 0.00
CARR STREET_E_SYR 24060	48.16 -0.48 0.00	41.64 -0.57 -0.02	38.73 -0.53 0.00	37.41 -0.46 0.00	38.83 -0.45 0.00	50.66 -0.53 -0.37	47.01 -0.46 0.00	48.78 -0.47 0.00	45.97 -0.42 0.00	36.16 -0.30 0.00	38.42 -0.18 0.00	42.33 -0.04 0.00	47.64 0.02 0.00	52.95 0.14 0.00	47.88 0.07 0.00	50.48 0.07 0.00	47.37 0.00 0.00	46.93 0.03 -0.10	49.43 0.05 -0.80	51.16 -0.09 -1.36	50.68 -0.16 -0.20	53.40 -0.24 0.00	51.53 -0.39 0.00	45.10 -0.44 0.00
CARTHAGE___PAPER 23857	52.18 3.53 0.00	45.07 2.85 -0.03	41.86 2.61 0.00	40.18 2.30 0.00	41.59 2.31 0.00	54.67 3.40 -0.46	50.58 3.11 -0.01	52.36 3.11 0.00	48.84 2.44 0.00	38.07 1.62 0.00	40.11 1.51 0.00	43.76 1.38 0.00	49.16 1.54 0.00	54.53 1.72 0.00	49.02 1.20 0.00	52.18 1.77 0.00	49.17 1.81 0.00	49.45 2.53 -0.12	52.63 3.07 -0.98	55.90 4.35 -1.67	55.84 4.94 -0.24	59.03 5.40 0.00	56.61 4.69 0.00	48.91 3.37 0.00
CASSADAGA_WT_PWR 323784	52.04 3.39 0.00	44.25 2.07 0.00	41.28 2.03 0.00	39.28 1.41 0.00	41.15 1.87 0.00	53.59 2.78 0.00	50.31 2.85 0.00	52.05 2.80 0.00	48.70 2.31 0.00	38.53 2.08 0.00	41.52 2.92 0.00	46.26 3.89 0.00	52.05 4.43 0.00	58.03 5.23 0.00	52.53 4.72 0.00	55.24 4.84 0.00	51.08 3.71 0.00	50.99 3.54 -0.65	58.43 3.59 -6.27	53.28 3.40 0.00	54.01 3.36 0.00	57.36 3.72 0.00	54.60 2.68 0.00	47.56 2.01 -0.01
CE_DUNWOOD___DRP 24194	49.81 1.16 0.00	43.46 1.27 0.00	40.33 1.08 0.00	38.83 0.95 0.00	40.20 0.92 0.00	51.95 1.14 0.00	48.77 1.30 0.00	50.76 1.52 0.00	48.11 1.72 0.00	37.97 1.46 -0.06	49.61 1.49 -9.52	48.85 1.60 -4.88	50.04 1.57 -0.85	55.42 1.47 -1.14	49.29 1.32 -0.15	52.08 1.21 -0.46	48.57 1.20 0.00	48.00 1.20 0.00	49.13 0.56 0.00	50.34 0.45 0.00	51.02 0.37 0.00	53.70 0.07 0.00	52.35 0.43 0.00	46.04 0.50 0.00
CE_MILLWOOD___DRP 24193	49.69 1.05 0.00	43.35 1.16 0.00	40.25 1.00 0.00	38.75 0.88 0.00	40.12 0.84 0.00	51.84 1.02 0.00	48.65 1.19 0.00	50.62 1.38 0.00	47.97 1.58 0.00	37.84 1.32 -0.06	49.46 1.36 -9.50	48.70 1.46 -4.87	49.90 1.43 -0.84	55.28 1.34 -1.14	49.18 1.22 -0.15	51.96 1.10 -0.46	48.47 1.10 0.00	47.92 1.12 0.00	49.05 0.48 0.00	50.26 0.38 0.00	50.97 0.32 0.00	53.66 0.02 0.00	52.29 0.37 0.00	45.96 0.42 0.00
CE_NYC2_DRP 24202	49.94 1.30 0.00	43.71 1.52 0.00	40.53 1.28 0.00	38.99 1.12 0.00	40.35 1.07 0.00	52.01 1.20 0.00	49.08 1.62 0.00	51.05 1.81 0.00	48.55 2.15 0.00	38.33 1.82 -0.06	49.96 1.83 -9.53	49.24 1.98 -4.88	50.24 1.77 -0.85	55.53 1.58 -1.14	49.47 1.51 -0.15	52.11 1.24 -0.46	48.71 1.35 0.00	48.16 1.36 0.00	48.89 0.32 0.00	50.13 0.25 0.00	50.76 0.11 0.00	53.45 -0.18 0.00	52.29 0.37 0.00	46.17 0.63 0.00
CE_NYC_DRP 24195	50.08 1.43 0.00	43.71 1.52 0.00	40.55 1.30 0.00	39.02 1.15 0.00	40.39 1.11 0.00	52.18 1.37 0.00	49.05 1.59 0.00	51.10 1.86 0.00	48.50 2.10 0.00	38.32 1.80 -0.06	49.99 1.86 -9.53	49.29 2.03 -4.88	50.42 1.96 -0.85	55.79 1.84 -1.14	49.63 1.67 -0.15	52.37 1.51 -0.46	48.86 1.49 0.00	48.27 1.47 0.00	49.28 0.71 0.00	50.41 0.53 0.00	51.04 0.39 0.00	53.74 0.11 0.00	52.46 0.54 0.00	46.17 0.63 0.00
CHAFFEE___LFGE 323603	51.34 2.70 0.00	43.89 1.70 0.00	40.90 1.65 0.00	39.13 1.25 0.00	40.78 1.50 0.00	53.00 2.19 0.00	49.56 2.09 0.00	50.85 1.60 0.00	47.71 1.32 0.00	37.92 1.47 0.00	40.79 2.19 0.00	45.50 3.13 0.00	51.18 3.56 0.00	57.27 4.46 0.00	51.68 3.86 0.00	54.55 4.15 0.00	50.49 3.13 0.00	50.62 3.12 -0.70	59.00 3.71 -6.72	53.10 3.22 0.00	53.88 3.23 0.00	57.47 3.84 0.00	54.98 3.06 0.00	48.34 2.79 -0.01
CHATEAUG_35_KV_LOAD 355732	48.93 0.29 0.00	42.52 0.33 0.00	39.54 0.29 0.00	38.16 0.28 0.00	39.62 0.34 0.00	51.38 0.57 0.00	48.03 0.57 0.00	49.66 0.42 0.00	46.59 0.19 0.00	36.62 0.16 0.00	38.65 0.05 0.00	42.27 -0.10 0.00	47.63 0.01 0.00	52.86 0.05 0.00	47.85 0.04 0.00	50.41 0.01 0.00	47.32 -0.05 0.00	46.62 -0.18 0.00	48.74 0.16 0.00	50.26 0.38 0.00	51.23 0.57 0.00	54.49 0.86 0.00	52.56 0.64 0.00	46.11 0.57 0.00
CHATEAUG_WT_PWR 323614	48.79 0.15 0.00	42.41 0.22 0.00	39.46 0.21 0.00	38.08 0.20 0.00	39.54 0.26 0.00	51.27 0.45 0.00	47.91 0.44 0.00	49.59 0.34 0.00	46.56 0.16 0.00	36.60 0.14 0.00	38.62 0.02 0.00	42.23 -0.14 0.00	47.58 -0.04 0.00	52.80 -0.01 0.00	47.80 -0.02 0.00	50.36 -0.04 0.00	47.27 -0.10 0.00	46.58 -0.22 0.00	48.67 0.10 0.00	50.13 0.25 0.00	51.03 0.38 0.00	54.25 0.61 0.00	52.35 0.43 0.00	45.92 0.38 0.00
CHAT_HIGH_FALL_HYD 323578	48.93 0.29 0.00	42.52 0.33 0.00	39.54 0.29 0.00	38.16 0.28 0.00	39.62 0.34 0.00	51.38 0.57 0.00	48.03 0.57 0.00	49.66 0.42 0.00	46.59 0.19 0.00	36.62 0.16 0.00	38.65 0.05 0.00	42.27 -0.10 0.00	47.63 0.01 0.00	52.86 0.05 0.00	47.85 0.04 0.00	50.41 0.01 0.00	47.32 -0.05 0.00	46.62 -0.18 0.00	48.74 0.16 0.00	50.26 0.38 0.00	51.23 0.57 0.00	54.49 0.86 0.00	52.56 0.64 0.00	46.11 0.57 0.00
CHAUTAUQUA___LFGE 323629	51.69 3.05 0.00	44.01 1.82 0.00	41.06 1.81 0.00	39.15 1.27 0.00	40.93 1.65 0.00	53.27 2.46 0.00	49.76 2.29 0.00	51.28 2.04 0.00	48.00 1.61 0.00	38.00 1.55 0.00	40.92 2.32 0.00	45.64 3.27 0.00	51.28 3.66 0.00	57.21 4.40 0.00	51.72 3.90 0.00	54.51 4.11 0.00	50.44 3.07 0.00	50.65 3.17 -0.68	58.65 3.50 -6.58	53.05 3.17 0.00	53.77 3.12 0.00	57.20 3.56 0.00	54.66 2.74 0.00	47.82 2.27 -0.01
CHERRYST_13_KV_LD 356241	50.24 1.59 0.00	43.85 1.66 0.00	40.67 1.42 0.00	39.14 1.27 0.00	40.51 1.23 0.00	52.35 1.54 0.00	49.23 1.76 0.00	51.31 2.07 0.00	48.71 2.31 0.00	38.49 1.97 -0.06	50.18 2.04 -9.53	49.50 2.24 -4.88	50.66 2.19 -0.85	56.06 2.12 -1.14	49.87 1.90 -0.15	52.62 1.76 -0.46	49.06 1.69 0.00	48.48 1.67 0.00	49.46 0.89 0.00	50.60 0.72 0.00	51.22 0.56 0.00	53.92 0.28 0.00	52.62 0.70 0.00	46.31 0.76 0.00

CHESTROR_138KV_BK263 355645	49.37 0.72 0.00	42.98 0.80 0.00	39.93 0.68 0.00	38.47 0.60 0.00	39.83 0.55 0.00	51.48 0.67 0.00	48.28 0.82 0.00	50.19 0.94 0.00	47.46 1.07 0.00	37.38 0.88 -0.05	47.39 0.91 -7.88	47.43 1.02 -4.04	49.34 1.02 -0.70	54.75 1.00 -0.94	48.83 0.89 -0.12	51.61 0.83 -0.38	48.18 0.81 0.00	47.72 0.92 0.00	49.00 0.43 0.00	50.26 0.37 0.00	50.99 0.34 0.00	53.73 0.09 0.00	52.25 0.33 0.00	45.87 0.33 0.00
CH_MIDHUDSON___DRP 24192	49.77 1.13 0.00	43.34 1.15 0.00	40.24 0.98 0.00	38.78 0.90 0.00	40.14 0.87 0.00	51.86 1.05 0.00	48.66 1.20 0.00	50.68 1.43 0.00	47.97 1.58 0.00	37.79 1.30 -0.04	46.82 1.34 -6.88	47.36 1.46 -3.53	49.72 1.48 -0.61	55.06 1.43 -0.82	49.22 1.30 -0.11	51.96 1.22 -0.34	48.61 1.24 0.00	48.11 1.31 0.00	49.35 0.78 0.00	50.58 0.70 0.00	51.29 0.64 0.00	54.00 0.37 0.00	52.54 0.62 0.00	46.14 0.59 0.00
CH_MISC_IPPS 23765	50.08 1.44 0.00	43.59 1.40 0.00	40.47 1.22 0.00	38.98 1.11 0.00	40.35 1.08 0.00	52.15 1.34 0.00	48.93 1.46 0.00	50.95 1.70 0.00	48.23 1.84 0.00	38.01 1.51 -0.05	47.65 1.61 -7.44	47.97 1.78 -3.81	50.16 1.87 -0.66	55.57 1.87 -0.89	49.62 1.69 -0.12	52.41 1.64 -0.36	48.99 1.62 0.00	48.53 1.73 0.00	49.78 1.21 0.00	51.02 1.14 0.00	51.71 1.06 0.00	54.42 0.78 0.00	52.92 1.00 0.00	46.46 0.91 0.00
CH_RES_BVR_FALLS 23983	48.69 0.05 0.00	42.16 -0.03 0.00	39.15 -0.10 0.00	37.77 -0.10 0.00	39.18 -0.10 0.00	50.73 -0.08 0.00	47.42 -0.04 0.00	49.24 -0.01 0.00	46.39 -0.01 0.00	36.45 0.00 0.00	38.56 -0.04 0.00	42.31 -0.06 0.00	47.58 -0.05 0.00	52.66 -0.14 0.00	47.72 -0.10 0.00	50.37 -0.04 0.00	47.32 -0.05 0.00	46.60 -0.20 0.00	48.55 -0.03 0.00	49.93 0.05 0.00	50.77 0.12 0.00	53.84 0.21 0.00	52.07 0.14 0.00	45.63 0.08 0.00
CH_RES_NIAGARA 23895	49.95 1.31 0.00	42.80 0.62 0.00	39.90 0.65 0.00	38.24 0.37 0.00	39.84 0.56 0.00	51.76 0.94 0.00	48.31 0.84 0.00	49.39 0.15 0.00	46.31 -0.08 0.00	36.84 0.39 0.00	39.56 0.96 0.00	44.11 1.74 0.00	49.58 1.95 0.00	55.34 2.54 0.00	49.99 2.17 0.00	52.58 2.17 0.00	48.48 1.11 0.00	48.66 1.10 -0.76	57.63 1.70 -7.36	51.06 1.18 0.00	51.85 1.19 0.00	55.45 1.82 0.00	53.27 1.35 0.00	47.21 1.66 -0.01
CH_RES_SYRACUSE 23985	48.70 0.05 0.00	42.13 -0.10 -0.04	39.16 -0.09 0.00	37.75 -0.12 0.00	39.13 -0.15 0.00	51.36 -0.13 -0.67	47.37 -0.11 -0.01	49.12 -0.13 0.00	46.31 -0.08 0.00	36.40 -0.06 0.00	38.65 0.05 0.00	42.56 0.19 0.00	47.93 0.30 0.00	53.28 0.47 0.00	48.25 0.43 0.00	50.83 0.43 0.00	47.74 0.37 0.00	47.41 0.43 -0.18	50.55 0.51 -1.46	52.84 0.48 -2.48	51.39 0.39 -0.36	53.98 0.34 0.00	52.09 0.17 0.00	45.59 0.05 0.00
CLINTON_WT_PWR 323605	48.79 0.15 0.00	42.41 0.22 0.00	39.46 0.21 0.00	38.08 0.20 0.00	39.54 0.26 0.00	51.27 0.45 0.00	47.91 0.44 0.00	49.59 0.34 0.00	46.56 0.16 0.00	36.60 0.14 0.00	38.62 0.02 0.00	42.23 -0.14 0.00	47.58 -0.04 0.00	52.80 -0.01 0.00	47.80 -0.02 0.00	50.36 -0.04 0.00	47.27 -0.10 0.00	46.58 -0.22 0.00	48.67 0.10 0.00	50.13 0.25 0.00	51.03 0.38 0.00	54.25 0.61 0.00	52.35 0.43 0.00	45.92 0.38 0.00
CLINTON___LFGE 323618	48.95 0.31 0.00	42.62 0.43 0.00	39.65 0.40 0.00	38.25 0.38 0.00	39.73 0.45 0.00	51.53 0.71 0.00	48.18 0.72 0.00	49.84 0.60 0.00	46.72 0.32 0.00	36.69 0.24 0.00	38.69 0.09 0.00	42.23 -0.14 0.00	47.58 -0.04 0.00	52.80 0.00 0.00	47.82 0.00 0.00	50.39 -0.02 0.00	47.32 -0.05 0.00	46.66 -0.14 0.00	48.87 0.30 0.00	50.44 0.56 0.00	51.40 0.75 0.00	54.65 1.02 0.00	52.67 0.75 0.00	46.16 0.62 0.00
COBBLENY_34_KV_TB1 80064	51.34 2.70 0.00	43.89 1.70 0.00	40.91 1.65 0.00	39.13 1.25 0.00	40.78 1.50 0.00	52.99 2.18 0.00	49.56 2.09 0.00	50.87 1.63 0.00	47.71 1.32 0.00	37.92 1.47 0.00	40.77 2.17 0.00	45.50 3.12 0.00	51.16 3.54 0.00	57.28 4.47 0.00	51.69 3.88 0.00	54.56 4.15 0.00	50.49 3.12 0.00	50.61 3.12 -0.70	59.01 3.72 -6.72	53.12 3.24 0.00	53.82 3.17 0.00	57.42 3.78 0.00	54.96 3.03 0.00	48.34 2.79 -0.01
COFFEEN___115KV_TB3 355620	52.55 3.90 0.00	45.36 3.14 -0.03	42.15 2.89 0.00	40.39 2.52 0.00	41.81 2.53 0.00	55.10 3.74 -0.55	50.95 3.47 -0.01	52.71 3.46 0.00	49.12 2.72 0.00	38.31 1.85 0.00	40.39 1.78 0.00	43.97 1.60 0.00	49.34 1.72 0.00	54.75 1.94 0.00	49.06 1.25 0.00	52.19 1.78 0.00	49.30 1.94 0.00	49.83 2.89 -0.15	53.23 3.47 -1.18	56.80 4.91 -2.01	56.68 5.74 -0.29	59.82 6.18 0.00	57.25 5.33 0.00	49.34 3.80 0.00
COLDSPRG_115KV_BK1 355956	51.85 3.20 0.00	44.13 1.94 0.00	41.21 1.95 0.00	39.30 1.43 0.00	41.06 1.78 0.00	53.24 2.42 0.00	50.32 2.86 0.00	52.05 2.81 0.00	48.77 2.38 0.00	38.59 2.13 0.00	41.60 3.00 0.00	46.44 4.06 0.00	52.28 4.66 0.00	58.17 5.36 0.00	52.66 4.85 0.00	55.20 4.79 0.00	50.94 3.57 0.00	50.69 3.29 -0.60	57.89 3.53 -5.79	52.96 3.08 0.00	53.67 3.02 0.00	57.26 3.63 0.00	54.90 2.98 0.00	48.10 2.55 -0.01
COLONIE_LFGE___ 323577	49.33 0.69 0.00	42.92 0.73 0.00	39.92 0.67 0.00	38.58 0.71 0.00	40.01 0.73 0.00	51.72 0.91 0.00	48.26 0.79 0.00	50.20 0.96 0.00	47.28 0.89 0.00	36.94 0.56 0.07	28.13 0.51 10.98	37.12 0.37 5.62	46.95 0.30 0.98	51.75 0.25 1.31	47.89 0.25 0.17	50.25 0.38 0.54	47.90 0.53 0.00	47.46 0.66 0.00	49.11 0.53 0.00	50.37 0.49 0.00	51.14 0.49 0.00	54.04 0.41 0.00	52.54 0.62 0.00	46.14 0.60 0.00
COOPERNY_115KV_TB1 80082	49.17 0.52 0.00	42.75 0.57 0.00	39.74 0.49 0.00	38.31 0.43 0.00	39.69 0.41 0.00	51.29 0.48 0.00	48.04 0.57 0.00	49.90 0.65 0.00	47.14 0.74 0.00	37.11 0.63 -0.04	44.72 0.66 -5.46	45.93 0.76 -2.80	48.88 0.78 -0.48	54.21 0.75 -0.65	48.55 0.65 -0.08	51.27 0.60 -0.27	47.97 0.60 0.00	47.49 0.69 0.00	48.90 0.33 0.00	50.18 0.30 0.00	50.92 0.27 0.00	53.70 0.07 0.00	52.15 0.23 0.00	45.76 0.22 0.00
COPENHAGEN_WT_PWR 323753	51.79 3.15 0.00	44.73 2.51 -0.03	41.56 2.31 0.00	39.83 1.95 0.00	41.19 1.91 0.00	54.30 2.91 -0.57	50.15 2.67 -0.01	51.96 2.72 0.00	48.55 2.15 0.00	37.89 1.44 0.00	39.97 1.37 0.00	43.61 1.24 0.00	48.99 1.37 0.00	54.31 1.51 0.00	48.34 0.53 0.00	51.73 1.32 0.00	48.94 1.57 0.00	49.28 2.33 -0.15	52.47 2.66 -1.24	56.00 4.02 -2.10	55.61 4.65 -0.30	58.65 5.01 0.00	56.19 4.26 0.00	48.41 2.87 0.00
CORNELL_____ 23752	49.93 1.29 0.00	43.07 0.86 -0.02	40.05 0.80 0.00	38.54 0.66 0.00	40.02 0.74 0.00	52.22 1.04 -0.37	48.51 1.04 0.00	50.28 1.04 0.00	47.26 0.86 0.00	37.03 0.58 0.00	39.29 0.68 0.00	43.29 0.92 0.00	48.78 1.15 0.00	54.27 1.47 0.00	49.22 1.41 0.00	51.86 1.46 0.00	48.72 1.36 0.00	48.28 1.38 -0.10	51.13 1.75 -0.81	53.21 1.95 -1.37	52.73 1.88 -0.20	55.49 1.86 0.00	53.46 1.54 0.00	46.73 1.19 0.00

CORONA__69_KV_TB1 355595	50.61 1.80 -0.17	44.25 2.07 0.00	40.84 1.59 0.00	39.30 1.42 0.00	40.73 1.45 0.00	52.57 1.76 0.00	49.28 1.82 0.00	51.11 1.86 0.00	48.58 2.18 0.00	38.48 1.96 -0.06	50.03 1.89 -9.54	48.75 1.74 -4.64	50.18 1.74 -0.82	55.16 1.72 -0.63	49.50 1.57 -0.11	52.51 1.45 -0.65	49.00 1.47 -0.16	48.89 1.41 -0.68	49.51 0.76 -0.18	50.78 0.72 -0.18	65.39 0.90 -13.84	55.11 0.30 -1.17	52.66 0.73 0.00	46.36 0.82 0.00
CORTLAND__115KV_TB3 80093	49.35 0.71 0.00	42.62 0.41 -0.02	39.65 0.39 0.00	38.17 0.30 0.00	39.65 0.37 0.00	51.74 0.54 -0.39	48.02 0.54 -0.01	49.81 0.57 0.00	46.87 0.47 0.00	36.78 0.33 0.00	39.04 0.44 0.00	43.01 0.63 0.00	48.41 0.79 0.00	53.83 1.02 0.00	48.75 0.94 0.00	51.41 1.00 0.00	48.25 0.89 0.00	47.84 0.93 -0.10	50.56 1.15 -0.84	52.53 1.22 -1.43	52.00 1.14 -0.21	54.75 1.12 0.00	52.82 0.89 0.00	46.18 0.63 0.00
COXSACKIE__GT 23611	49.86 1.22 0.00	43.26 1.07 0.00	40.17 0.92 0.00	38.85 0.97 0.00	40.26 0.98 0.00	52.18 1.37 0.00	48.69 1.22 0.00	50.66 1.41 0.00	47.60 1.20 0.00	36.98 0.54 0.02	35.97 0.46 3.09	41.10 0.31 1.58	47.55 0.20 0.27	52.83 0.39 0.37	48.11 0.34 0.05	51.17 0.92 0.15	48.58 1.21 0.00	48.53 1.73 0.00	50.49 1.91 0.00	51.86 1.98 0.00	52.68 2.03 0.00	55.52 1.89 0.00	53.65 1.73 0.00	46.95 1.41 0.00
CPV_VALLEY__CC1 323721	49.01 0.37 0.00	42.68 0.49 0.00	39.66 0.41 0.00	38.22 0.35 0.00	39.58 0.30 0.00	51.14 0.33 0.00	47.94 0.47 0.00	49.83 0.59 0.00	47.12 0.72 0.00	37.11 0.61 -0.05	46.28 0.64 -7.05	46.69 0.70 -3.61	48.92 0.67 -0.63	54.24 0.59 -0.84	48.44 0.51 -0.11	51.19 0.45 -0.34	47.83 0.47 0.00	47.35 0.54 0.00	48.64 0.06 0.00	49.89 0.01 0.00	50.61 -0.04 0.00	53.33 -0.30 0.00	51.88 -0.04 0.00	45.56 0.02 0.00
CPV_VALLEY__CC2 323722	49.01 0.37 0.00	42.68 0.49 0.00	39.66 0.41 0.00	38.22 0.35 0.00	39.58 0.30 0.00	51.14 0.33 0.00	47.94 0.47 0.00	49.83 0.59 0.00	47.12 0.72 0.00	37.11 0.61 -0.05	46.28 0.64 -7.05	46.69 0.70 -3.61	48.92 0.67 -0.63	54.24 0.59 -0.84	48.44 0.51 -0.11	51.19 0.45 -0.34	47.83 0.47 0.00	47.35 0.54 0.00	48.64 0.06 0.00	49.89 0.01 0.00	50.61 -0.04 0.00	53.33 -0.30 0.00	51.88 -0.04 0.00	45.56 0.02 0.00
CRESCENT__HYD 24018	49.33 0.69 0.00	42.92 0.73 0.00	39.92 0.67 0.00	38.58 0.71 0.00	40.01 0.73 0.00	51.72 0.91 0.00	48.26 0.79 0.00	50.20 0.96 0.00	47.28 0.89 0.00	36.94 0.56 0.07	28.13 0.51 10.98	37.12 0.37 5.62	46.95 0.30 0.98	51.75 0.25 1.31	47.89 0.25 0.17	50.25 0.38 0.54	47.90 0.53 0.00	47.46 0.66 0.00	49.11 0.53 0.00	50.37 0.49 0.00	51.14 0.49 0.00	54.04 0.41 0.00	52.54 0.62 0.00	46.14 0.60 0.00
CRICKET__VALLEY_CC1 323756	48.91 0.27 0.00	42.60 0.41 0.00	39.54 0.29 0.00	38.15 0.27 0.00	39.47 0.19 0.00	51.00 0.19 0.00	47.85 0.39 0.00	49.86 0.62 0.00	47.16 0.76 0.00	36.28 0.58 0.75	-77.65 0.54 116.79	-16.95 0.52 59.84	37.64 0.39 10.37	39.04 0.18 13.95	46.18 0.18 1.81	44.78 0.08 5.70	47.58 0.22 0.00	47.08 0.27 0.00	48.33 -0.24 0.00	49.55 -0.33 0.00	50.25 -0.40 0.00	52.93 -0.70 0.00	51.60 -0.32 0.00	45.35 -0.19 0.00
CRICKET__VALLEY_CC2 323757	48.91 0.27 0.00	42.60 0.41 0.00	39.54 0.29 0.00	38.15 0.27 0.00	39.47 0.19 0.00	51.00 0.19 0.00	47.85 0.39 0.00	49.86 0.62 0.00	47.16 0.76 0.00	36.28 0.58 0.75	-77.65 0.54 116.79	-16.95 0.52 59.84	37.64 0.39 10.37	39.04 0.18 13.95	46.18 0.18 1.81	44.78 0.08 5.70	47.58 0.22 0.00	47.08 0.27 0.00	48.33 -0.24 0.00	49.55 -0.33 0.00	50.25 -0.40 0.00	52.93 -0.70 0.00	51.60 -0.32 0.00	45.35 -0.19 0.00
CRICKET__VALLEY_CC3 323758	48.91 0.27 0.00	42.60 0.41 0.00	39.54 0.29 0.00	38.15 0.27 0.00	39.47 0.19 0.00	51.00 0.19 0.00	47.85 0.39 0.00	49.86 0.62 0.00	47.16 0.76 0.00	36.28 0.58 0.75	-77.65 0.54 116.79	-16.95 0.52 59.84	37.64 0.39 10.37	39.04 0.18 13.95	46.18 0.18 1.81	44.78 0.08 5.70	47.58 0.22 0.00	47.08 0.27 0.00	48.33 -0.24 0.00	49.55 -0.33 0.00	50.25 -0.40 0.00	52.93 -0.70 0.00	51.60 -0.32 0.00	45.35 -0.19 0.00
CRUCIBLE__METL_DRP 24180	48.70 0.05 0.00	42.13 -0.10 -0.04	39.16 -0.09 0.00	37.75 -0.12 0.00	39.13 -0.15 0.00	51.36 -0.13 -0.67	47.37 -0.11 -0.01	49.12 -0.13 0.00	46.32 -0.08 0.00	36.40 -0.06 0.00	38.64 0.04 0.00	42.56 0.18 0.00	47.92 0.30 0.00	53.28 0.47 0.00	48.26 0.44 0.00	50.83 0.43 0.00	47.73 0.37 0.00	47.41 0.43 -0.18	50.55 0.51 -1.46	52.85 0.49 -2.48	51.39 0.38 -0.36	53.97 0.33 0.00	52.09 0.17 0.00	45.59 0.05 0.00
DAHOWA__HYDRO 323763	50.39 1.75 0.00	43.70 1.52 0.00	40.68 1.43 0.00	39.32 1.44 0.00	40.79 1.51 0.00	52.74 1.92 0.00	49.25 1.79 0.00	51.19 1.95 0.00	48.14 1.75 0.00	37.47 1.08 0.06	30.63 0.96 8.94	38.64 0.85 4.58	47.61 0.78 0.79	52.64 0.90 1.07	48.70 1.02 0.14	51.31 1.34 0.44	48.97 1.60 0.00	48.68 1.88 0.00	50.55 1.98 0.00	52.06 2.18 0.00	52.79 2.14 0.00	55.76 2.13 0.00	54.07 2.15 0.00	47.46 1.91 0.00
DANC__LFGE 323619	50.32 1.68 0.00	43.54 1.31 -0.04	40.46 1.21 0.00	38.87 0.99 0.00	40.23 0.95 0.00	53.05 1.53 -0.71	48.90 1.42 -0.01	50.66 1.42 0.00	47.46 1.07 0.00	37.13 0.67 0.00	39.23 0.63 0.00	42.91 0.54 0.00	48.22 0.60 0.00	53.50 0.69 0.00	47.94 0.13 0.00	50.97 0.57 0.00	48.07 0.70 0.00	48.23 1.24 -0.19	51.56 1.46 -1.53	54.77 2.29 -2.60	53.72 2.69 -0.38	56.55 2.91 0.00	54.37 2.45 0.00	47.10 1.56 0.00
DANSKAMMER__1 23586	50.08 1.44 0.00	43.59 1.40 0.00	40.47 1.22 0.00	38.98 1.11 0.00	40.35 1.08 0.00	52.15 1.34 0.00	48.93 1.46 0.00	50.95 1.70 0.00	48.23 1.84 0.00	38.01 1.51 -0.05	47.65 1.61 -7.44	47.97 1.78 -3.81	50.16 1.87 -0.66	55.57 1.87 -0.89	49.62 1.69 -0.12	52.41 1.64 -0.36	48.99 1.62 0.00	48.53 1.73 0.00	49.78 1.21 0.00	51.02 1.14 0.00	51.71 1.06 0.00	54.42 0.78 0.00	52.92 1.00 0.00	46.46 0.91 0.00
DANSKAMMER__2 23589	50.08 1.44 0.00	43.59 1.40 0.00	40.47 1.22 0.00	38.98 1.11 0.00	40.35 1.08 0.00	52.15 1.34 0.00	48.93 1.46 0.00	50.95 1.70 0.00	48.23 1.84 0.00	38.01 1.51 -0.05	47.65 1.61 -7.44	47.97 1.78 -3.81	50.16 1.87 -0.66	55.57 1.87 -0.89	49.62 1.69 -0.12	52.41 1.64 -0.36	48.99 1.62 0.00	48.53 1.73 0.00	49.78 1.21 0.00	51.02 1.14 0.00	51.71 1.06 0.00	54.42 0.78 0.00	52.92 1.00 0.00	46.46 0.91 0.00
DANSKAMMER__3 23590	50.08 1.44 0.00	43.59 1.40 0.00	40.47 1.22 0.00	38.98 1.11 0.00	40.35 1.08 0.00	52.15 1.34 0.00	48.93 1.46 0.00	50.95 1.70 0.00	48.23 1.84 0.00	38.01 1.51 -0.05	47.65 1.61 -7.44	47.97 1.78 -3.81	50.16 1.87 -0.66	55.57 1.87 -0.89	49.62 1.69 -0.12	52.41 1.64 -0.36	48.99 1.62 0.00	48.53 1.73 0.00	49.78 1.21 0.00	51.02 1.14 0.00	51.71 1.06 0.00	54.42 0.78 0.00	52.92 1.00 0.00	46.46 0.91 0.00

DANSKAMMER___4 23591	50.08 1.44 0.00	43.59 1.40 0.00	40.47 1.22 0.00	38.98 1.11 0.00	40.35 1.08 0.00	52.15 1.34 0.00	48.93 1.46 0.00	50.95 1.70 0.00	48.23 1.84 0.00	38.01 1.51 -0.05	47.65 1.61 -7.44	47.97 1.78 -3.81	50.16 1.87 -0.66	55.57 1.87 -0.89	49.62 1.69 -0.12	52.41 1.64 -0.36	48.99 1.62 0.00	48.53 1.73 0.00	49.78 1.21 0.00	51.02 1.14 0.00	51.71 1.06 0.00	54.42 0.78 0.00	52.92 1.00 0.00	46.46 0.91 0.00
DANSKAMMER___DIESEL 23592	50.08 1.44 0.00	43.59 1.41 0.00	40.47 1.22 0.00	38.98 1.11 0.00	40.35 1.08 0.00	52.15 1.34 0.00	48.93 1.46 0.00	50.94 1.70 0.00	48.23 1.84 0.00	38.01 1.51 -0.05	47.64 1.60 -7.44	47.97 1.78 -3.81	50.16 1.87 -0.66	55.57 1.88 -0.89	49.62 1.69 -0.12	52.41 1.64 -0.36	48.99 1.62 0.00	48.53 1.73 0.00	49.78 1.21 0.00	51.02 1.14 0.00	51.71 1.06 0.00	54.44 0.81 0.00	52.93 1.01 0.00	46.46 0.91 0.00
DARBY___SOLAR 323810	50.15 1.50 0.00	43.50 1.32 0.00	40.49 1.24 0.00	39.13 1.26 0.00	40.59 1.31 0.00	52.47 1.66 0.00	48.99 1.53 0.00	50.93 1.68 0.00	47.90 1.50 0.00	37.30 0.91 0.06	30.09 0.79 9.29	38.29 0.68 4.76	47.37 0.58 0.83	52.36 0.67 1.11	48.46 0.78 0.14	51.00 1.05 0.45	48.68 1.31 0.00	48.37 1.57 0.00	50.21 1.63 0.00	51.69 1.81 0.00	52.43 1.78 0.00	55.38 1.75 0.00	53.72 1.80 0.00	47.15 1.60 0.00
DASHVILLE___HYD 23610	49.46 0.82 0.00	43.07 0.88 0.00	40.00 0.75 0.00	38.57 0.69 0.00	39.94 0.66 0.00	51.59 0.78 0.00	48.37 0.90 0.00	50.35 1.10 0.00	47.65 1.25 0.00	37.52 1.03 -0.03	44.19 1.13 -4.46	45.96 1.30 -2.29	49.25 1.24 -0.40	54.46 1.12 -0.53	48.83 0.95 -0.07	51.53 0.91 -0.22	48.27 0.91 0.00	47.79 0.99 0.00	49.09 0.51 0.00	50.32 0.44 0.00	51.06 0.40 0.00	53.77 0.14 0.00	52.30 0.38 0.00	45.91 0.37 0.00
DELAWARE___LFGE 323621	49.62 0.98 0.00	43.00 0.81 -0.01	40.03 0.78 0.00	38.66 0.79 0.00	40.13 0.85 0.00	51.97 1.03 -0.13	48.41 0.95 0.00	50.27 1.02 0.00	47.41 1.02 0.00	37.28 0.83 0.00	39.53 0.93 0.00	43.45 1.08 0.00	48.82 1.19 0.00	54.16 1.36 0.00	49.01 1.19 0.00	51.60 1.20 0.00	48.52 1.15 0.00	48.05 1.21 -0.04	49.97 1.11 -0.29	51.47 1.10 -0.49	51.75 1.02 -0.07	54.51 0.88 0.00	52.80 0.87 0.00	46.25 0.71 0.00
DERFIELD_115KV_TB7 355931	48.60 -0.05 0.00	42.16 -0.03 0.00	39.21 -0.04 0.00	37.85 -0.02 0.00	39.25 -0.03 0.00	50.76 -0.05 0.00	47.42 -0.05 0.00	49.21 -0.03 0.00	46.40 0.00 0.00	36.42 -0.03 0.00	38.57 -0.03 0.00	42.33 -0.05 0.00	47.55 -0.07 0.00	52.70 -0.10 0.00	47.74 -0.08 0.00	50.35 -0.05 0.00	47.36 0.00 0.00	46.83 0.03 0.00	48.55 -0.02 0.00	49.87 -0.01 0.00	50.63 -0.03 0.00	53.56 -0.07 0.00	51.87 -0.05 0.00	45.48 -0.06 0.00
DOGLEVILLE___HYD 23807	48.19 -0.46 0.00	41.91 -0.28 0.00	38.95 -0.31 0.00	37.63 -0.24 0.00	39.02 -0.26 0.00	50.49 -0.33 0.00	47.08 -0.38 0.00	48.79 -0.46 0.00	45.73 -0.66 0.00	35.49 -0.97 0.00	37.31 -1.29 0.00	40.80 -1.58 0.00	45.69 -1.93 0.00	50.87 -1.94 0.00	46.39 -1.43 0.00	49.16 -1.24 0.00	46.45 -0.92 0.00	46.63 -0.17 0.00	48.46 -0.12 0.00	49.84 -0.04 0.00	50.98 0.33 0.00	54.37 0.73 0.00	52.71 0.79 0.00	46.16 0.62 0.00
DUNKIRK___115KV_TB_200 55889	51.61 2.97 0.00	43.95 1.77 0.00	41.01 1.76 0.00	39.10 1.23 0.00	40.87 1.60 0.00	53.20 2.39 0.00	49.65 2.19 0.00	51.17 1.93 0.00	47.89 1.50 0.00	37.92 1.46 0.00	40.80 2.20 0.00	45.55 3.17 0.00	51.15 3.53 0.00	57.09 4.28 0.00	51.62 3.80 0.00	54.40 4.00 0.00	50.34 2.97 0.00	50.56 3.07 -0.68	58.63 3.45 -6.61	53.01 3.13 0.00	53.65 3.00 0.00	57.09 3.45 0.00	54.64 2.71 0.00	47.83 2.28 -0.01
DUNKIRK___1 23563	51.61 2.97 0.00	43.95 1.77 0.00	41.01 1.76 0.00	39.10 1.23 0.00	40.87 1.60 0.00	53.20 2.39 0.00	49.65 2.19 0.00	51.17 1.93 0.00	47.89 1.50 0.00	37.92 1.46 0.00	40.80 2.20 0.00	45.55 3.17 0.00	51.15 3.53 0.00	57.09 4.28 0.00	51.62 3.80 0.00	54.40 4.00 0.00	50.34 2.97 0.00	50.56 3.07 -0.68	58.63 3.45 -6.61	53.01 3.13 0.00	53.65 3.00 0.00	57.09 3.45 0.00	54.64 2.71 0.00	47.83 2.28 -0.01
DUNKIRK___2 23564	51.61 2.97 0.00	43.95 1.77 0.00	41.01 1.76 0.00	39.10 1.23 0.00	40.87 1.60 0.00	53.20 2.39 0.00	49.65 2.19 0.00	51.17 1.93 0.00	47.89 1.50 0.00	37.92 1.46 0.00	40.80 2.20 0.00	45.55 3.17 0.00	51.15 3.53 0.00	57.09 4.28 0.00	51.62 3.80 0.00	54.40 4.00 0.00	50.34 2.97 0.00	50.56 3.07 -0.68	58.63 3.45 -6.61	53.01 3.13 0.00	53.65 3.00 0.00	57.09 3.45 0.00	54.64 2.71 0.00	47.83 2.28 -0.01
DUNKIRK___3 23565	51.38 2.74 0.00	43.80 1.62 0.00	40.86 1.61 0.00	39.00 1.13 0.00	40.73 1.45 0.00	52.97 2.16 0.00	49.49 2.02 0.00	50.94 1.70 0.00	47.70 1.30 0.00	37.80 1.35 0.00	40.68 2.08 0.00	45.41 3.03 0.00	51.03 3.40 0.00	56.97 4.16 0.00	51.49 3.67 0.00	54.21 3.81 0.00	50.17 2.80 0.00	50.35 2.86 -0.68	58.49 3.29 -6.62	52.81 2.93 0.00	53.46 2.81 0.00	56.93 3.30 0.00	54.54 2.62 0.00	47.86 2.31 -0.01
DUNKIRK___4 23566	51.38 2.74 0.00	43.80 1.62 0.00	40.86 1.61 0.00	39.00 1.13 0.00	40.73 1.45 0.00	52.97 2.16 0.00	49.49 2.02 0.00	50.94 1.70 0.00	47.70 1.30 0.00	37.80 1.35 0.00	40.68 2.08 0.00	45.41 3.03 0.00	51.03 3.40 0.00	56.97 4.16 0.00	51.49 3.67 0.00	54.21 3.81 0.00	50.17 2.80 0.00	50.35 2.86 -0.68	58.49 3.29 -6.62	52.81 2.93 0.00	53.46 2.81 0.00	56.93 3.30 0.00	54.54 2.62 0.00	47.86 2.31 -0.01
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	49.93 1.28 0.00	43.56 1.37 0.00	40.42 1.17 0.00	38.91 1.04 0.00	40.29 1.01 0.00	52.05 1.24 0.00	48.89 1.42 0.00	50.89 1.64 0.00	48.25 1.85 0.00	38.08 1.57 -0.06	49.75 1.62 -9.53	48.99 1.73 -4.88	50.15 1.68 -0.85	55.53 1.58 -1.14	49.38 1.42 -0.15	52.17 1.31 -0.46	48.66 1.30 0.00	48.09 1.30 0.00	49.19 0.61 0.00	50.38 0.50 0.00	51.07 0.42 0.00	53.75 0.12 0.00	52.42 0.50 0.00	46.12 0.57 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	49.69 1.04 0.00	43.26 1.07 0.00	40.17 0.92 0.00	38.69 0.81 0.00	40.05 0.77 0.00	51.76 0.95 0.00	48.57 1.11 0.00	50.52 1.28 0.00	47.81 1.41 0.00	37.65 1.16 -0.05	47.19 1.22 -7.37	47.51 1.36 -3.78	49.67 1.39 -0.65	55.07 1.38 -0.88	49.16 1.23 -0.11	51.95 1.18 -0.36	48.53 1.16 0.00	48.08 1.27 0.00	49.34 0.77 0.00	50.59 0.71 0.00	51.34 0.69 0.00	54.05 0.42 0.00	52.56 0.64 0.00	46.14 0.59 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	49.92 1.27 0.00	43.66 1.48 0.00	40.47 1.22 0.00	38.94 1.07 0.00	40.30 1.02 0.00	51.91 1.09 0.00	49.02 1.56 0.00	50.94 1.69 0.00	48.40 2.01 0.00	38.20 1.68 -0.06	49.81 1.68 -9.53	49.07 1.81 -4.88	50.11 1.64 -0.85	55.49 1.54 -1.14	49.45 1.49 -0.15	52.06 1.19 -0.46	48.66 1.30 0.00	48.15 1.35 0.00	48.85 0.28 0.00	50.17 0.30 0.00	50.85 0.20 0.00	53.59 -0.05 0.00	52.45 0.53 0.00	46.21 0.67 0.00

E179THST_13_KV_LOAD 356214	50.23 1.59 0.00	43.93 1.74 0.00	40.72 1.47 0.00	39.17 1.29 0.00	40.53 1.25 0.00	52.21 1.39 0.00	49.32 1.86 0.00	51.25 2.01 0.00	48.70 2.31 0.00	38.43 1.92 -0.06	50.07 1.93 -9.53	49.37 2.11 -4.88	50.43 1.96 -0.85	55.85 1.91 -1.14	49.79 1.82 -0.15	52.40 1.53 -0.46	48.97 1.60 0.00	48.46 1.66 0.00	49.16 0.59 0.00	50.51 0.63 0.00	51.18 0.52 0.00	53.92 0.29 0.00	52.80 0.87 0.00	46.49 0.95 0.00
EAST HAMPTON___GT 23717	47.91 2.56 3.29	45.20 3.01 0.00	41.66 2.41 0.00	40.08 2.20 0.00	41.62 2.34 0.00	53.56 2.75 0.00	50.25 2.78 0.00	51.85 2.60 0.00	49.27 2.88 0.00	39.31 2.80 -0.06	50.94 2.80 -9.54	44.98 2.56 -0.04	45.35 2.67 4.95	46.16 3.07 9.71	45.66 3.13 5.29	50.08 2.87 3.19	46.90 2.66 3.13	35.98 2.37 13.19	34.79 1.20 14.98	15.62 0.94 35.20	22.80 1.97 29.83	20.40 1.41 34.64	43.97 1.86 9.82	45.45 1.63 1.72
EAST RIVER___6 23660	50.14 1.49 0.00	43.76 1.58 0.00	40.59 1.33 0.00	39.05 1.18 0.00	40.42 1.15 0.00	52.25 1.44 0.00	49.08 1.61 0.00	51.16 1.91 0.00	48.56 2.17 0.00	38.37 1.86 -0.06	50.07 1.93 -9.53	49.38 2.12 -4.88	50.53 2.06 -0.85	55.92 1.97 -1.14	49.73 1.77 -0.15	52.49 1.62 -0.46	48.94 1.57 0.00	48.35 1.55 0.00	49.33 0.76 0.00	50.50 0.62 0.00	51.11 0.45 0.00	53.84 0.21 0.00	52.53 0.61 0.00	46.24 0.70 0.00
EAST RIVER___7 23524	50.14 1.49 0.00	43.76 1.58 0.00	40.59 1.33 0.00	39.05 1.18 0.00	40.42 1.15 0.00	52.25 1.44 0.00	49.08 1.61 0.00	51.16 1.91 0.00	48.56 2.17 0.00	38.37 1.86 -0.06	50.07 1.93 -9.53	49.38 2.12 -4.88	50.53 2.06 -0.85	55.92 1.97 -1.14	49.73 1.77 -0.15	52.49 1.62 -0.46	48.94 1.57 0.00	48.35 1.55 0.00	49.33 0.76 0.00	50.50 0.62 0.00	51.11 0.45 0.00	53.84 0.21 0.00	52.53 0.61 0.00	46.24 0.70 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	49.81 1.16 0.00	43.46 1.27 0.00	40.33 1.08 0.00	38.83 0.95 0.00	40.20 0.92 0.00	51.95 1.14 0.00	48.77 1.30 0.00	50.76 1.52 0.00	48.11 1.72 0.00	37.97 1.46 -0.06	49.61 1.49 -9.52	48.85 1.60 -4.88	50.04 1.57 -0.85	55.42 1.47 -1.14	49.29 1.32 -0.15	52.08 1.21 -0.46	48.57 1.20 0.00	48.00 1.20 0.00	49.13 0.56 0.00	50.34 0.45 0.00	51.02 0.37 0.00	53.70 0.07 0.00	52.35 0.43 0.00	46.04 0.50 0.00
EAST_HAMPTON___DIESEL 23722	47.90 2.55 3.29	45.20 3.01 0.00	41.67 2.41 0.00	40.08 2.21 0.00	41.62 2.34 0.00	53.56 2.75 0.00	50.25 2.78 0.00	51.84 2.59 0.00	49.24 2.84 0.00	39.29 2.77 -0.06	50.92 2.78 -9.54	44.97 2.55 -0.04	45.35 2.67 4.95	46.13 3.04 9.71	45.65 3.13 5.29	50.07 2.86 3.19	46.87 2.64 3.13	35.94 2.34 13.19	34.73 1.13 14.98	15.52 0.83 35.20	22.75 1.92 29.83	20.36 1.37 34.64	43.96 1.85 9.82	45.45 1.62 1.72
EAST_POINT___SOLAR 323840	52.40 3.76 0.00	45.19 3.00 0.00	41.99 2.74 0.00	40.46 2.58 0.00	41.96 2.68 0.00	54.37 3.55 0.00	50.99 3.52 0.00	52.42 3.17 0.00	48.56 2.17 0.00	37.45 1.03 0.03	34.11 0.81 5.30	40.21 0.55 2.72	48.00 0.85 0.47	53.85 1.68 0.63	49.64 1.90 0.08	52.52 2.37 0.26	50.01 2.64 0.00	50.16 3.37 0.00	52.63 4.05 0.00	54.40 4.52 0.00	55.15 4.49 0.00	57.96 4.33 0.00	55.82 3.90 0.00	48.65 3.11 0.00
EAST_PULASKI___ESR 323781	48.82 0.18 0.00	42.36 0.11 -0.06	39.40 0.14 0.00	37.93 0.05 0.00	39.32 0.04 0.00	52.04 0.19 -1.04	47.68 0.20 -0.02	49.40 0.16 0.00	46.42 0.02 0.00	36.39 -0.06 0.00	38.46 -0.13 0.00	42.17 -0.21 0.00	47.41 -0.22 0.00	52.65 -0.16 0.00	47.49 -0.32 0.00	50.22 -0.18 0.00	47.25 -0.11 0.00	47.23 0.16 -0.28	51.08 0.27 -2.24	54.27 0.59 -3.80	51.95 0.75 -0.55	54.44 0.80 0.00	52.52 0.60 0.00	45.76 0.21 0.00
EAST_RIVER___1 323558	50.07 1.42 0.00	43.71 1.52 0.00	40.55 1.29 0.00	39.02 1.15 0.00	40.39 1.11 0.00	52.18 1.37 0.00	49.05 1.59 0.00	51.11 1.87 0.00	48.50 2.11 0.00	38.32 1.80 -0.06	50.00 1.87 -9.53	49.29 2.03 -4.88	50.42 1.96 -0.85	55.79 1.84 -1.14	49.63 1.67 -0.15	52.37 1.50 -0.46	48.86 1.49 0.00	48.27 1.47 0.00	49.29 0.72 0.00	50.43 0.55 0.00	51.03 0.38 0.00	53.73 0.09 0.00	52.45 0.53 0.00	46.17 0.63 0.00
EAST_RIVER___2 323559	50.14 1.49 0.00	43.76 1.58 0.00	40.59 1.33 0.00	39.05 1.18 0.00	40.42 1.15 0.00	52.25 1.44 0.00	49.08 1.61 0.00	51.16 1.91 0.00	48.56 2.17 0.00	38.37 1.86 -0.06	50.07 1.93 -9.53	49.38 2.12 -4.88	50.53 2.06 -0.85	55.92 1.97 -1.14	49.73 1.77 -0.15	52.49 1.62 -0.46	48.94 1.57 0.00	48.35 1.55 0.00	49.33 0.76 0.00	50.50 0.62 0.00	51.11 0.45 0.00	53.84 0.21 0.00	52.53 0.61 0.00	46.24 0.70 0.00
EAST___DELAWARE_HYD 23607	49.06 0.42 0.00	42.64 0.45 0.00	39.57 0.32 0.00	38.11 0.24 0.00	39.47 0.18 0.00	51.01 0.20 0.00	47.85 0.38 0.00	49.78 0.53 0.00	47.08 0.67 0.00	37.09 0.60 -0.04	45.12 0.65 -5.87	46.13 0.73 -3.01	48.87 0.73 -0.52	54.01 0.50 -0.70	47.18 -0.73 -0.09	49.78 -0.91 -0.29	46.71 -0.66 0.00	46.33 -0.47 0.00	47.64 -0.94 0.00	49.07 -0.81 0.00	50.99 0.33 0.00	53.65 0.02 0.00	52.05 0.13 0.00	45.62 0.07 0.00
EIGHT_POINT___WT_PWR 323820	50.66 2.02 0.00	43.42 1.23 -0.01	40.37 1.12 0.00	38.37 0.50 0.00	40.15 0.87 0.00	52.32 1.34 -0.16	49.06 1.59 0.00	50.66 1.41 0.00	47.23 0.83 0.00	37.18 0.73 0.00	39.87 1.27 0.00	44.18 1.80 0.00	49.57 1.95 0.00	55.40 2.59 0.00	49.90 2.09 0.00	52.48 2.08 0.00	49.01 1.65 0.00	49.13 2.00 -0.33	54.31 2.54 -3.20	52.84 2.37 -0.59	53.13 2.40 -0.08	56.14 2.51 0.00	53.62 1.69 0.00	46.91 1.37 0.00
ELBRIDGE_115KV_TB2 80188	48.54 -0.10 0.00	41.98 -0.25 -0.04	39.04 -0.22 0.00	37.62 -0.26 0.00	38.99 -0.29 0.00	51.25 -0.28 -0.71	47.20 -0.28 -0.01	48.94 -0.31 0.00	46.15 -0.24 0.00	36.25 -0.20 0.00	38.49 -0.11 0.00	42.38 0.00 0.00	47.73 0.10 0.00	53.09 0.28 0.00	48.10 0.29 0.00	50.66 0.26 0.00	47.58 0.21 0.00	47.26 0.26 -0.19	50.41 0.30 -1.54	52.82 0.33 -2.62	51.20 0.17 -0.38	53.75 0.12 0.00	51.92 0.00 0.00	45.47 -0.08 0.00
ELEC_TRO_TEK 24086	49.73 1.40 0.32	43.94 1.75 0.00	40.54 1.29 0.00	39.03 1.16 0.00	40.45 1.18 0.00	52.22 1.41 0.00	48.97 1.50 0.00	50.77 1.53 0.00	48.30 1.90 0.00	38.27 1.76 -0.06	49.79 1.65 -9.54	47.92 1.44 -4.11	49.12 1.41 -0.08	53.58 1.34 0.57	48.46 1.22 0.57	51.58 1.07 -0.11	48.18 1.12 0.31	46.57 1.06 1.29	46.79 0.37 2.15	44.70 0.33 5.51	48.17 0.53 3.01	48.25 -0.09 5.29	50.72 0.34 1.54	45.75 0.47 0.27
ELLENBURG_WT_PWR 323604	48.79 0.15 0.00	42.41 0.22 0.00	39.46 0.21 0.00	38.08 0.20 0.00	39.54 0.26 0.00	51.27 0.45 0.00	47.91 0.44 0.00	49.59 0.34 0.00	46.56 0.16 0.00	36.60 0.14 0.00	38.62 0.02 0.00	42.23 -0.14 0.00	47.58 -0.04 0.00	52.80 -0.01 0.00	47.80 -0.02 0.00	50.36 -0.04 0.00	47.27 -0.10 0.00	46.58 -0.22 0.00	48.67 0.10 0.00	50.13 0.25 0.00	51.03 0.38 0.00	54.25 0.61 0.00	52.35 0.43 0.00	45.92 0.38 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	51.15 2.51 0.00	43.76 1.57 0.00	40.78 1.53 0.00	39.03 1.16 0.00	40.68 1.40 0.00	52.89 2.07 0.00	49.43 1.96 0.00	50.68 1.43 0.00	47.52 1.12 0.00	37.78 1.33 0.00	40.61 2.01 0.00	45.30 2.93 0.00	50.95 3.33 0.00	56.92 4.11 0.00	51.42 3.60 0.00	54.10 3.69 0.00	50.02 2.65 0.00	50.14 2.64 -0.70	58.60 3.23 -6.80	52.63 2.75 0.00	53.34 2.68 0.00	56.92 3.29 0.00	54.57 2.65 0.00	48.16 2.61 -0.01
EMPIRE_CC_1 323656	48.25 -0.40 0.00	42.03 -0.15 0.00	39.10 -0.15 0.00	37.83 -0.04 0.00	39.20 -0.08 0.00	50.64 -0.17 0.00	47.26 -0.20 0.00	49.16 -0.08 0.00	46.36 -0.04 0.00	36.23 -0.14 0.09	24.28 -0.17 14.14	34.71 -0.41 7.25	45.78 -0.58 1.26	50.27 -0.85 1.69	46.77 -0.83 0.22	48.93 -0.78 0.69	46.78 -0.59 0.00	46.32 -0.48 0.00	47.78 -0.79 0.00	48.98 -0.90 0.00	49.72 -0.93 0.00	52.57 -1.07 0.00	51.20 -0.73 0.00	45.02 -0.52 0.00
EMPIRE_CC_2 323658	48.25 -0.40 0.00	42.03 -0.15 0.00	39.10 -0.15 0.00	37.83 -0.04 0.00	39.20 -0.08 0.00	50.64 -0.17 0.00	47.26 -0.20 0.00	49.16 -0.08 0.00	46.36 -0.04 0.00	36.23 -0.14 0.09	24.28 -0.17 14.14	34.71 -0.41 7.25	45.78 -0.58 1.26	50.27 -0.85 1.69	46.77 -0.83 0.22	48.93 -0.78 0.69	46.78 -0.59 0.00	46.32 -0.48 0.00	47.78 -0.79 0.00	48.98 -0.90 0.00	49.72 -0.93 0.00	52.57 -1.07 0.00	51.20 -0.73 0.00	45.02 -0.52 0.00
ENORWICH_115KV_TB1 80156	52.32 3.67 0.00	45.02 2.82 -0.02	41.77 2.52 0.00	40.11 2.23 0.00	41.58 2.30 0.00	54.26 3.16 -0.29	50.68 3.21 0.00	52.61 3.36 0.00	49.36 2.96 0.00	38.65 2.19 0.00	41.10 2.50 0.00	45.25 2.88 0.00	51.19 3.56 0.00	57.09 4.28 0.00	51.51 3.69 0.00	54.32 3.92 0.00	51.25 3.88 0.00	51.01 4.13 -0.08	53.63 4.43 -0.62	55.73 4.80 -1.05	55.58 4.78 -0.15	58.34 4.71 0.00	56.08 4.16 0.00	48.78 3.24 0.00
ERIE_ST__34_KV_TB1-2 80199	52.29 3.64 0.00	44.63 2.44 0.00	41.53 2.28 0.00	39.69 1.82 0.00	41.36 2.08 0.00	53.79 2.98 0.00	50.35 2.88 0.00	51.68 2.43 0.00	48.50 2.11 0.00	38.64 2.18 0.00	41.59 2.99 0.00	46.52 4.14 0.00	52.40 4.78 0.00	58.65 5.84 0.00	53.03 5.22 0.00	55.84 5.43 0.00	51.69 4.32 0.00	51.87 4.29 -0.78	61.04 4.94 -7.52	54.31 4.43 0.00	54.96 4.31 0.00	58.57 4.94 0.00	56.02 4.10 0.00	49.31 3.76 -0.01
ERIE_WT_PWR 323693	51.60 2.96 0.00	44.11 1.93 0.00	41.10 1.85 0.00	39.31 1.44 0.00	40.95 1.67 0.00	53.29 2.47 0.00	49.81 2.34 0.00	51.06 1.82 0.00	47.90 1.50 0.00	38.10 1.65 0.00	40.98 2.38 0.00	45.72 3.34 0.00	51.44 3.81 0.00	57.47 4.66 0.00	51.92 4.10 0.00	54.66 4.26 0.00	50.55 3.19 0.00	50.77 3.21 -0.75	59.63 3.80 -7.25	53.24 3.36 0.00	53.98 3.32 0.00	57.55 3.92 0.00	55.08 3.16 0.00	48.57 3.02 -0.01
ESPRGFLD_115KV_TB1 80157	51.67 3.02 0.00	44.54 2.36 0.00	41.43 2.18 0.00	39.92 2.05 0.00	41.40 2.12 0.00	53.61 2.80 0.00	50.28 2.81 0.00	52.05 2.81 0.00	48.92 2.52 0.00	38.46 2.03 0.02	37.64 2.25 3.21	43.31 2.58 1.64	50.38 3.04 0.28	56.07 3.64 0.38	51.07 3.31 0.05	53.66 3.41 0.16	50.60 3.23 0.00	50.07 3.27 0.00	52.10 3.52 0.00	53.61 3.73 0.00	54.18 3.53 0.00	56.94 3.31 0.00	54.87 2.94 0.00	47.88 2.33 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	49.82 1.18 0.00	42.98 0.77 -0.02	39.98 0.73 0.00	38.47 0.60 0.00	39.94 0.67 0.00	52.15 0.95 -0.39	48.41 0.94 -0.01	50.19 0.94 0.00	47.19 0.79 0.00	36.97 0.52 0.00	39.24 0.64 0.00	43.23 0.85 0.00	48.69 1.06 0.00	54.20 1.39 0.00	49.12 1.31 0.00	51.75 1.35 0.00	48.62 1.26 0.00	48.20 1.29 -0.10	51.02 1.61 -0.84	53.09 1.79 -1.42	52.57 1.71 -0.20	55.33 1.70 0.00	53.34 1.41 0.00	46.62 1.08 0.00
ETNA____115KV_TB2 80207	49.82 1.18 0.00	42.98 0.77 -0.02	39.98 0.73 0.00	38.47 0.60 0.00	39.94 0.67 0.00	52.15 0.95 -0.39	48.41 0.94 -0.01	50.19 0.94 0.00	47.19 0.79 0.00	36.97 0.52 0.00	39.24 0.64 0.00	43.23 0.85 0.00	48.69 1.06 0.00	54.20 1.39 0.00	49.12 1.31 0.00	51.75 1.35 0.00	48.62 1.26 0.00	48.20 1.29 -0.10	51.02 1.61 -0.84	53.09 1.79 -1.42	52.57 1.71 -0.20	55.33 1.70 0.00	53.34 1.41 0.00	46.62 1.08 0.00
EUCLID____115KV_TB2 356179	48.10 -0.55 0.00	41.60 -0.61 -0.02	38.70 -0.55 0.00	37.32 -0.55 0.00	38.71 -0.57 0.00	50.44 -0.69 -0.32	46.86 -0.62 0.00	48.60 -0.64 0.00	45.80 -0.60 0.00	36.02 -0.43 0.00	38.26 -0.34 0.00	42.12 -0.25 0.00	47.40 -0.22 0.00	52.68 -0.13 0.00	47.65 -0.16 0.00	50.23 -0.17 0.00	47.14 -0.23 0.00	46.71 -0.18 -0.08	49.11 -0.14 -0.68	50.84 -0.20 -1.16	50.53 -0.30 -0.17	53.29 -0.35 0.00	51.44 -0.48 0.00	45.04 -0.50 0.00
E_CANADA_CAP_HY 24051	52.16 3.52 0.00	44.97 2.79 0.00	41.82 2.56 0.00	40.29 2.41 0.00	41.76 2.48 0.00	54.11 3.30 0.00	50.77 3.30 0.00	52.42 3.18 0.00	49.06 2.66 0.00	38.37 1.95 0.03	35.85 2.03 4.78	42.10 2.18 2.45	49.80 2.60 0.43	55.44 3.20 0.57	50.82 3.08 0.07	53.48 3.31 0.23	50.57 3.20 0.00	50.19 3.39 0.00	52.43 3.86 0.00	54.06 4.18 0.00	54.64 3.99 0.00	57.36 3.72 0.00	55.26 3.34 0.00	48.23 2.69 0.00
E_CANADA_MHWK_HY 24050	48.18 -0.46 0.00	41.91 -0.28 0.00	38.95 -0.31 0.00	37.63 -0.24 0.00	39.02 -0.26 0.00	50.49 -0.33 0.00	47.08 -0.38 0.00	48.79 -0.46 0.00	45.73 -0.66 0.00	35.49 -0.97 0.00	37.31 -1.29 0.00	40.79 -1.58 0.00	45.69 -1.93 0.00	50.87 -1.94 0.00	46.38 -1.43 0.00	49.17 -1.24 0.00	46.45 -0.92 0.00	46.63 -0.17 0.00	48.46 -0.12 0.00	49.84 -0.04 0.00	50.98 0.33 0.00	54.37 0.73 0.00	52.71 0.79 0.00	46.16 0.62 0.00
E_FISHKILL__LBMP 23776	49.40 0.76 0.00	43.06 0.87 0.00	39.98 0.73 0.00	38.54 0.66 0.00	39.90 0.62 0.00	51.54 0.73 0.00	48.35 0.88 0.00	50.32 1.07 0.00	47.64 1.25 0.00	37.55 1.04 -0.06	49.30 1.05 -9.66	48.42 1.10 -4.95	49.50 1.02 -0.86	54.85 0.89 -1.15	48.76 0.80 -0.15	51.59 0.71 -0.47	48.11 0.74 0.00	47.59 0.79 0.00	48.79 0.22 0.00	50.01 0.13 0.00	50.71 0.06 0.00	53.41 -0.22 0.00	52.06 0.14 0.00	45.76 0.22 0.00
FALCON__SEABRD_CC1 323796	48.53 -0.11 0.00	42.34 0.16 0.00	39.42 0.16 0.00	38.03 0.15 0.00	39.50 0.22 0.00	51.22 0.40 0.00	47.88 0.41 0.00	49.56 0.31 0.00	46.51 0.11 0.00	36.55 0.09 0.00	38.55 -0.05 0.00	41.98 -0.40 0.00	47.28 -0.34 0.00	52.47 -0.33 0.00	47.50 -0.32 0.00	50.06 -0.34 0.00	47.00 -0.37 0.00	46.32 -0.48 0.00	48.44 -0.14 0.00	49.93 0.05 0.00	50.83 0.18 0.00	54.05 0.41 0.00	52.12 0.20 0.00	45.70 0.16 0.00
FALCON__SEABRD_CC2 323797	48.53 -0.11 0.00	42.34 0.16 0.00	39.42 0.16 0.00	38.03 0.15 0.00	39.50 0.22 0.00	51.22 0.40 0.00	47.88 0.41 0.00	49.56 0.31 0.00	46.51 0.11 0.00	36.55 0.09 0.00	38.55 -0.05 0.00	41.98 -0.40 0.00	47.28 -0.34 0.00	52.47 -0.33 0.00	47.50 -0.32 0.00	50.06 -0.34 0.00	47.00 -0.37 0.00	46.32 -0.48 0.00	48.44 -0.14 0.00	49.93 0.05 0.00	50.83 0.18 0.00	54.05 0.41 0.00	52.12 0.20 0.00	45.70 0.16 0.00

FAR ROCKAWAY___4 23548	51.17 2.31 -0.22	44.69 2.50 0.00	41.23 1.97 0.00	39.65 1.78 0.00	41.09 1.82 0.00	53.06 2.25 0.00	49.75 2.28 0.00	51.58 2.34 0.00	49.04 2.64 0.00	38.87 2.35 -0.06	50.43 2.29 -9.54	49.16 2.18 -4.60	50.70 2.25 -0.83	55.68 2.31 -0.56	50.03 2.10 -0.12	53.10 1.99 -0.71	49.53 1.96 -0.20	49.56 1.89 -0.87	50.07 1.27 -0.23	51.32 1.25 -0.20	67.06 1.45 -14.96	55.75 0.85 -1.27	53.16 1.24 0.00	46.78 1.24 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.09 1.45 0.00	43.72 1.53 0.00	40.57 1.31 0.00	39.03 1.16 0.00	40.39 1.12 0.00	52.19 1.37 0.00	49.07 1.60 0.00	51.12 1.87 0.00	48.52 2.13 0.00	38.33 1.82 -0.06	50.01 1.87 -9.53	49.29 2.03 -4.88	50.43 1.96 -0.85	55.78 1.83 -1.14	49.63 1.67 -0.15	52.37 1.51 -0.46	48.86 1.49 0.00	48.29 1.49 0.00	49.29 0.72 0.00	50.42 0.54 0.00	51.05 0.40 0.00	53.74 0.10 0.00	52.46 0.54 0.00	46.18 0.64 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.10 1.46 0.00	43.73 1.54 0.00	40.58 1.32 0.00	39.04 1.17 0.00	40.40 1.13 0.00	52.20 1.38 0.00	49.09 1.63 0.00	51.13 1.89 0.00	48.53 2.13 0.00	38.33 1.82 -0.06	50.00 1.87 -9.53	49.30 2.04 -4.88	50.43 1.96 -0.85	55.78 1.83 -1.14	49.63 1.67 -0.15	52.38 1.51 -0.46	48.86 1.50 0.00	48.29 1.49 0.00	49.29 0.72 0.00	50.44 0.56 0.00	51.06 0.41 0.00	53.75 0.11 0.00	52.47 0.54 0.00	46.20 0.65 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.04 1.40 0.00	43.68 1.50 0.00	40.54 1.29 0.00	39.00 1.13 0.00	40.37 1.09 0.00	52.15 1.33 0.00	49.05 1.58 0.00	51.10 1.85 0.00	48.49 2.10 0.00	38.31 1.79 -0.06	49.97 1.84 -9.53	49.26 2.00 -4.88	50.39 1.92 -0.85	55.74 1.80 -1.14	49.59 1.63 -0.15	52.34 1.47 -0.46	48.82 1.45 0.00	48.25 1.45 0.00	49.24 0.67 0.00	50.39 0.51 0.00	51.01 0.36 0.00	53.69 0.05 0.00	52.41 0.49 0.00	46.15 0.60 0.00
FARRAGUT___LBMP 323566	50.00 1.35 0.00	43.65 1.46 0.00	40.50 1.25 0.00	38.98 1.10 0.00	40.33 1.06 0.00	52.11 1.30 0.00	49.00 1.53 0.00	51.03 1.79 0.00	48.44 2.04 0.00	38.26 1.75 -0.06	49.92 1.79 -9.53	49.20 1.95 -4.88	50.33 1.86 -0.85	55.67 1.72 -1.14	49.53 1.57 -0.15	52.27 1.40 -0.46	48.77 1.40 0.00	48.20 1.39 0.00	49.19 0.62 0.00	50.34 0.46 0.00	50.96 0.31 0.00	53.64 0.00 0.00	52.36 0.44 0.00	46.10 0.56 0.00
FENNER___WINDPWR 24204	49.84 1.19 0.00	43.06 0.86 -0.02	40.04 0.79 0.00	38.57 0.69 0.00	40.03 0.75 0.00	52.18 1.07 -0.30	48.50 1.03 0.00	50.28 1.03 0.00	47.29 0.89 0.00	37.10 0.65 0.00	39.35 0.74 0.00	43.29 0.92 0.00	48.78 1.15 0.00	54.17 1.36 0.00	49.10 1.28 0.00	51.87 1.46 0.00	48.73 1.36 0.00	48.36 1.49 -0.08	50.91 1.69 -0.65	52.79 1.81 -1.10	52.62 1.81 -0.16	55.47 1.84 0.00	53.48 1.56 0.00	46.70 1.16 0.00
FIBERTEK___ENERGY 23856	48.70 0.05 0.00	42.13 -0.10 -0.04	39.16 -0.09 0.00	37.75 -0.12 0.00	39.13 -0.15 0.00	51.36 -0.13 -0.67	47.37 -0.11 -0.01	49.12 -0.13 0.00	46.32 -0.08 0.00	36.40 -0.06 0.00	38.64 0.04 0.00	42.56 0.18 0.00	47.92 0.30 0.00	53.28 0.47 0.00	48.26 0.44 0.00	50.83 0.43 0.00	47.73 0.37 0.00	47.41 0.43 -0.18	50.55 0.51 -1.46	52.85 0.49 -2.48	51.39 0.38 -0.36	53.97 0.33 0.00	52.09 0.17 0.00	45.59 0.05 0.00
FITZPATRICK___ 23598	47.32 -1.33 0.00	40.73 -1.23 0.23	38.13 -1.13 0.00	36.76 -1.11 0.00	38.11 -1.17 0.00	45.54 -1.48 3.79	46.06 -1.35 0.05	47.82 -1.42 0.00	45.08 -1.32 0.00	35.44 -1.02 0.00	37.59 -1.01 0.00	41.32 -1.05 0.00	46.47 -1.15 0.00	51.62 -1.19 0.00	46.72 -1.10 0.00	49.27 -1.14 0.00	46.26 -1.11 0.00	44.72 -1.06 1.01	39.31 -1.08 8.19	34.84 -1.13 13.91	47.44 -1.20 2.01	52.37 -1.26 0.00	50.60 -1.32 0.00	44.34 -1.20 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.21 1.57 0.00	43.69 1.50 0.00	40.56 1.31 0.00	39.06 1.19 0.00	40.45 1.17 0.00	52.26 1.45 0.00	49.04 1.58 0.00	51.08 1.83 0.00	48.36 1.96 0.00	38.12 1.62 -0.05	47.96 1.72 -7.65	48.20 1.91 -3.92	50.32 2.02 -0.68	55.77 2.05 -0.91	49.78 1.85 -0.12	52.56 1.78 -0.37	49.12 1.76 0.00	48.64 1.84 0.00	49.90 1.33 0.00	51.13 1.25 0.00	51.84 1.18 0.00	54.55 0.91 0.00	53.04 1.12 0.00	46.55 1.01 0.00
FORT ORANGE___ 23900	48.18 -0.47 0.00	41.93 -0.26 0.00	39.00 -0.25 0.00	37.70 -0.18 0.00	39.07 -0.21 0.00	50.50 -0.31 0.00	47.13 -0.33 0.00	48.99 -0.26 0.00	46.18 -0.22 0.00	36.12 -0.29 0.04	31.43 -0.35 6.82	38.35 -0.54 3.50	46.30 -0.72 0.61	51.13 -0.86 0.81	46.93 -0.78 0.11	49.36 -0.70 0.33	46.88 -0.49 0.00	46.48 -0.32 0.00	48.05 -0.52 0.00	49.29 -0.59 0.00	50.02 -0.63 0.00	52.83 -0.80 0.00	51.32 -0.60 0.00	45.12 -0.43 0.00
FORT_DRUM_COGEN 23780	52.18 3.54 0.00	45.06 2.84 -0.03	41.86 2.61 0.00	40.14 2.26 0.00	41.54 2.26 0.00	54.70 3.36 -0.52	50.56 3.09 -0.01	52.35 3.10 0.00	48.84 2.44 0.00	38.11 1.66 0.00	40.18 1.58 0.00	43.82 1.45 0.00	49.21 1.59 0.00	54.62 1.81 0.00	48.90 1.09 0.00	52.11 1.71 0.00	49.19 1.83 0.00	49.59 2.65 -0.14	52.84 3.14 -1.12	56.25 4.47 -1.91	56.07 5.14 -0.28	59.19 5.55 0.00	56.71 4.78 0.00	48.91 3.37 0.00
FOX_HILLS___ESR 323835	50.06 1.42 0.00	43.86 1.68 0.00	40.71 1.45 0.00	39.15 1.27 0.00	40.50 1.23 0.00	52.03 1.22 0.00	49.13 1.66 0.00	50.87 1.62 0.00	48.47 2.07 0.00	38.31 1.79 -0.06	49.90 1.77 -9.53	49.13 1.87 -4.88	50.00 1.54 -0.85	55.33 1.38 -1.14	49.41 1.44 -0.15	52.08 1.21 -0.46	48.78 1.41 0.00	48.22 1.42 0.00	48.79 0.21 0.00	50.05 0.18 0.00	50.71 0.05 0.00	53.35 -0.29 0.00	51.63 0.22 0.51	46.13 0.58 0.00
FPL_FAR_ROCK_GT1 24212	51.16 2.30 -0.22	44.69 2.50 0.00	41.23 1.97 0.00	39.65 1.78 0.00	41.10 1.82 0.00	53.06 2.24 0.00	49.74 2.27 0.00	51.58 2.33 0.00	49.04 2.64 0.00	38.87 2.35 -0.06	50.44 2.31 -9.54	49.12 2.14 -4.60	50.66 2.22 -0.83	55.66 2.29 -0.56	50.03 2.09 -0.12	53.08 1.97 -0.71	49.53 1.95 -0.20	49.54 1.87 -0.87	50.04 1.24 -0.23	51.29 1.22 -0.20	66.99 1.39 -14.96	55.68 0.78 -1.27	53.12 1.20 0.00	46.78 1.24 0.00
FPL_FAR_ROCK_GT2 23815	51.16 2.30 -0.22	44.69 2.50 0.00	41.23 1.97 0.00	39.65 1.78 0.00	41.10 1.82 0.00	53.06 2.24 0.00	49.74 2.27 0.00	51.58 2.33 0.00	49.04 2.64 0.00	38.87 2.35 -0.06	50.44 2.31 -9.54	49.12 2.14 -4.60	50.66 2.22 -0.83	55.66 2.29 -0.56	50.03 2.09 -0.12	53.08 1.97 -0.71	49.53 1.95 -0.20	49.54 1.87 -0.87	50.04 1.24 -0.23	51.29 1.22 -0.20	66.99 1.39 -14.96	55.68 0.78 -1.27	53.12 1.20 0.00	46.78 1.24 0.00
FRANKLIN_FALL_HYD 24054	49.75 1.11 0.00	43.17 0.98 0.00	40.12 0.87 0.00	38.71 0.83 0.00	40.18 0.90 0.00	52.13 1.32 0.00	48.75 1.28 0.00	50.45 1.21 0.00	47.29 0.90 0.00	37.12 0.67 0.00	39.16 0.56 0.00	42.88 0.50 0.00	48.31 0.69 0.00	53.61 0.80 0.00	48.54 0.72 0.00	51.16 0.76 0.00	47.96 0.59 0.00	47.35 0.55 0.00	49.55 0.97 0.00	51.14 1.26 0.00	52.13 1.47 0.00	55.63 2.00 0.00	53.65 1.73 0.00	46.99 1.44 0.00

FREEMONT___GT1 23764	48.72 1.67 1.60	44.19 2.00 0.00	40.76 1.50 0.00	39.21 1.34 0.00	40.65 1.37 0.00	52.50 1.69 0.00	49.19 1.72 0.00	50.98 1.73 0.00	48.51 2.12 0.00	38.48 1.96 -0.06	49.99 1.85 -9.54	46.42 1.55 -2.49	47.17 1.54 1.99	50.16 1.56 4.21	46.71 1.41 2.51	50.41 1.31 1.31	47.18 1.33 1.52	41.69 1.28 6.39	41.55 0.57 7.60	32.41 0.54 18.01	42.19 0.74 9.21	36.41 0.06 17.29	47.43 0.56 5.04	45.34 0.68 0.88
FREEPORT___CT2 23818	48.72 1.67 1.60	44.19 2.00 0.00	40.76 1.50 0.00	39.21 1.34 0.00	40.65 1.37 0.00	52.50 1.69 0.00	49.19 1.72 0.00	50.98 1.73 0.00	48.51 2.12 0.00	38.48 1.96 -0.06	49.99 1.85 -9.54	46.42 1.55 -2.49	47.17 1.54 1.99	50.16 1.56 4.21	46.71 1.41 2.51	50.41 1.31 1.31	47.18 1.33 1.52	41.69 1.28 6.39	41.55 0.57 7.60	32.41 0.54 18.01	42.19 0.74 9.21	36.41 0.06 17.29	47.43 0.56 5.04	45.34 0.68 0.88
FRESHKLS_33_KV_LOAD 356253	50.08 1.43 0.00	43.92 1.73 0.00	40.82 1.57 0.00	39.25 1.37 0.00	40.61 1.33 0.00	52.07 1.26 0.00	49.16 1.70 0.00	50.84 1.59 0.00	48.48 2.08 0.00	38.35 1.84 -0.06	49.94 1.80 -9.53	49.14 1.88 -4.88	49.92 1.45 -0.85	55.23 1.29 -1.14	49.37 1.41 -0.15	52.06 1.19 -0.46	48.81 1.44 0.00	48.22 1.42 0.00	48.76 0.18 0.00	50.02 0.14 0.00	50.66 0.00 0.00	53.24 -0.40 0.00	51.50 0.09 0.52	46.08 0.54 0.00
FULTON COGEN____ 23766	47.98 -0.67 0.00	41.59 -0.67 -0.07	38.66 -0.59 0.00	37.28 -0.60 0.00	38.66 -0.62 0.00	51.28 -0.76 -1.23	46.80 -0.68 -0.02	48.54 -0.70 0.00	45.75 -0.65 0.00	35.95 -0.50 0.00	38.11 -0.49 0.00	41.92 -0.45 0.00	47.15 -0.47 0.00	52.37 -0.44 0.00	47.43 -0.38 0.00	50.04 -0.36 0.00	47.04 -0.33 0.00	46.87 -0.26 -0.33	50.97 -0.25 -2.65	54.11 -0.28 -4.51	50.97 -0.33 -0.65	53.24 -0.39 0.00	51.34 -0.58 0.00	44.95 -0.60 0.00
FULTON___LFGE 323630	51.82 3.17 0.00	44.75 2.56 0.00	41.58 2.33 0.00	40.08 2.20 0.00	41.56 2.28 0.00	53.84 3.03 0.00	50.46 2.99 0.00	52.07 2.83 0.00	48.59 2.19 0.00	37.68 1.26 0.04	34.30 1.14 5.43	40.61 1.02 2.78	48.28 1.14 0.48	53.87 1.71 0.65	49.72 1.99 0.08	52.41 2.27 0.27	49.83 2.47 0.00	49.77 2.98 0.00	52.05 3.48 0.00	53.73 3.85 0.00	54.44 3.78 0.00	57.26 3.62 0.00	55.22 3.30 0.00	48.21 2.67 0.00
G.F.CEMENT___DRP 24184	50.62 1.98 0.00	43.83 1.65 0.00	40.82 1.57 0.00	39.45 1.58 0.00	40.93 1.65 0.00	52.89 2.08 0.00	49.43 1.97 0.00	51.42 2.18 0.00	48.36 1.97 0.00	37.59 1.19 0.05	31.31 1.04 8.33	39.07 0.97 4.27	47.79 0.91 0.74	52.84 1.03 0.99	48.91 1.22 0.13	51.58 1.58 0.41	49.25 1.88 0.00	49.01 2.21 0.00	50.93 2.36 0.00	52.56 2.68 0.00	53.31 2.66 0.00	56.31 2.67 0.00	54.57 2.65 0.00	47.90 2.36 0.00
GARDENVILLE___LBMP 24039	51.32 2.68 0.00	43.88 1.69 0.00	40.89 1.64 0.00	39.11 1.24 0.00	40.77 1.50 0.00	53.02 2.20 0.00	49.55 2.09 0.00	50.83 1.58 0.00	47.65 1.26 0.00	37.87 1.42 0.00	40.72 2.12 0.00	45.44 3.06 0.00	51.10 3.48 0.00	57.10 4.29 0.00	51.58 3.76 0.00	54.30 3.90 0.00	50.21 2.84 0.00	50.36 2.85 -0.71	58.89 3.43 -6.89	52.86 2.98 0.00	53.56 2.91 0.00	57.12 3.49 0.00	54.74 2.82 0.00	48.26 2.71 -0.01
GARDNVLA_35_KV_LD 355827	51.72 3.08 0.00	44.20 2.02 0.00	41.18 1.93 0.00	39.39 1.51 0.00	41.05 1.77 0.00	53.37 2.56 0.00	49.88 2.41 0.00	51.16 1.92 0.00	47.99 1.59 0.00	38.19 1.73 0.00	41.08 2.48 0.00	45.86 3.49 0.00	51.59 3.97 0.00	57.68 4.87 0.00	52.11 4.30 0.00	54.88 4.47 0.00	50.77 3.40 0.00	50.94 3.37 -0.77	59.96 4.00 -7.38	53.42 3.54 0.00	54.09 3.44 0.00	57.69 4.05 0.00	55.23 3.31 0.00	48.70 3.15 -0.01
GELCKHM___115KV_LOAD 80723	48.33 -0.32 0.00	41.80 -0.41 -0.03	38.87 -0.38 0.00	37.48 -0.40 0.00	38.86 -0.42 0.00	50.77 -0.49 -0.45	47.04 -0.43 -0.01	48.79 -0.45 0.00	45.98 -0.41 0.00	36.16 -0.29 0.00	38.40 -0.20 0.00	42.29 -0.08 0.00	47.59 -0.03 0.00	52.90 0.09 0.00	47.88 0.06 0.00	50.46 0.05 0.00	47.37 0.00 0.00	46.98 0.06 -0.12	49.64 0.11 -0.96	51.57 0.06 -1.63	50.86 -0.03 -0.24	53.54 -0.09 0.00	51.69 -0.23 0.00	45.25 -0.29 0.00
GENERAL___MILLS 23808	51.56 2.92 0.00	44.08 1.90 0.00	41.08 1.83 0.00	39.29 1.42 0.00	40.94 1.66 0.00	53.25 2.43 0.00	49.78 2.31 0.00	51.04 1.79 0.00	47.86 1.47 0.00	38.07 1.61 0.00	40.93 2.33 0.00	45.68 3.30 0.00	51.39 3.77 0.00	57.45 4.64 0.00	51.90 4.08 0.00	54.64 4.24 0.00	50.53 3.16 0.00	50.72 3.16 -0.75	59.59 3.76 -7.25	53.18 3.30 0.00	53.88 3.22 0.00	57.47 3.83 0.00	55.04 3.12 0.00	48.54 2.99 -0.01
GE_PLASTICS___DRP 24183	47.79 -0.86 0.00	41.62 -0.57 0.00	38.74 -0.51 0.00	37.46 -0.41 0.00	38.83 -0.45 0.00	50.17 -0.64 0.00	46.78 -0.68 0.00	48.60 -0.64 0.00	45.87 -0.53 0.00	35.96 -0.46 0.03	32.83 -0.48 5.29	38.98 -0.68 2.71	46.28 -0.87 0.47	51.09 -1.09 0.63	46.75 -0.98 0.08	49.14 -1.00 0.26	46.55 -0.82 0.00	46.07 -0.73 0.00	47.56 -1.02 0.00	48.77 -1.11 0.00	49.50 -1.16 0.00	52.27 -1.37 0.00	50.80 -1.12 0.00	44.69 -0.86 0.00
GILBOA___1 23756	48.86 0.22 0.00	42.47 0.28 0.00	39.63 0.38 0.00	38.42 0.55 0.00	39.93 0.65 0.00	51.42 0.60 0.00	47.74 0.28 0.00	49.62 0.38 0.00	46.83 0.43 0.00	36.79 0.32 -0.01	40.46 0.34 -1.52	43.50 0.34 -0.78	48.04 0.28 -0.14	53.21 0.21 -0.18	48.02 0.18 -0.02	50.65 0.17 -0.07	47.58 0.21 0.00	47.09 0.29 0.00	48.61 0.03 0.00	49.85 -0.03 0.00	50.58 -0.07 0.00	53.40 -0.23 0.00	51.87 -0.06 0.00	45.54 -0.01 0.00
GILBOA___2 23757	48.86 0.22 0.00	42.47 0.28 0.00	39.63 0.38 0.00	38.42 0.55 0.00	39.93 0.65 0.00	51.42 0.60 0.00	47.74 0.28 0.00	49.62 0.38 0.00	46.83 0.43 0.00	36.79 0.32 -0.01	40.46 0.34 -1.52	43.50 0.34 -0.78	48.04 0.28 -0.14	53.21 0.21 -0.18	48.02 0.18 -0.02	50.65 0.17 -0.07	47.58 0.21 0.00	47.09 0.29 0.00	48.61 0.03 0.00	49.85 -0.03 0.00	50.58 -0.07 0.00	53.40 -0.23 0.00	51.87 -0.06 0.00	45.54 -0.01 0.00
GILBOA___3 23758	48.86 0.22 0.00	42.47 0.28 0.00	39.63 0.38 0.00	38.42 0.55 0.00	39.93 0.65 0.00	51.42 0.60 0.00	47.74 0.28 0.00	49.62 0.38 0.00	46.83 0.43 0.00	36.79 0.32 -0.01	40.46 0.34 -1.52	43.50 0.34 -0.78	48.04 0.28 -0.14	53.21 0.21 -0.18	48.02 0.18 -0.02	50.65 0.17 -0.07	47.58 0.21 0.00	47.09 0.29 0.00	48.61 0.03 0.00	49.85 -0.03 0.00	50.58 -0.07 0.00	53.40 -0.23 0.00	51.87 -0.06 0.00	45.54 -0.01 0.00
GILBOA___4 23759	48.86 0.22 0.00	42.47 0.28 0.00	39.63 0.38 0.00	38.42 0.55 0.00	39.93 0.65 0.00	51.42 0.60 0.00	47.74 0.28 0.00	49.62 0.38 0.00	46.83 0.43 0.00	36.79 0.32 -0.01	40.46 0.34 -1.52	43.50 0.34 -0.78	48.04 0.28 -0.14	53.21 0.21 -0.18	48.02 0.18 -0.02	50.65 0.17 -0.07	47.58 0.21 0.00	47.09 0.29 0.00	48.61 0.03 0.00	49.85 -0.03 0.00	50.58 -0.07 0.00	53.40 -0.23 0.00	51.87 -0.06 0.00	45.54 -0.01 0.00

GILBOA____ 23599	48.86 0.22 0.00	42.47 0.28 0.00	39.63 0.38 0.00	38.42 0.55 0.00	39.93 0.65 0.00	51.42 0.60 0.00	47.74 0.27 0.00	49.62 0.38 0.00	46.83 0.43 0.00	36.79 0.32 -0.01	40.46 0.34 -1.52	43.50 0.34 -0.78	48.04 0.28 -0.14	53.21 0.22 -0.18	48.02 0.18 -0.02	50.65 0.17 -0.07	47.58 0.21 0.00	47.08 0.28 0.00	48.60 0.03 0.00	49.85 -0.03 0.00	50.59 -0.07 0.00	53.41 -0.22 0.00	51.87 -0.06 0.00	45.54 -0.01 0.00
GINNA____ 23603	47.61 -1.03 0.00	41.00 -1.19 0.00	38.13 -1.13 0.00	36.67 -1.21 0.00	38.07 -1.21 0.00	49.42 -1.39 0.00	46.23 -1.24 0.00	47.79 -1.45 0.00	45.01 -1.39 0.00	35.54 -0.92 0.00	37.96 -0.64 0.00	42.05 -0.33 0.00	47.48 -0.14 0.00	53.02 0.21 0.00	48.01 0.20 0.00	50.65 0.24 0.00	47.26 -0.11 0.00	46.70 -0.10 0.00	48.33 0.03 0.28	49.65 -0.23 0.00	50.30 -0.35 0.00	53.30 -0.34 0.00	51.20 -0.72 0.00	44.86 -0.68 0.00
GLEN PARK____ 23778	52.46 3.81 0.00	45.29 3.07 -0.03	42.08 2.83 0.00	40.32 2.45 0.00	41.74 2.46 0.00	55.00 3.64 -0.54	50.85 3.38 -0.01	52.62 3.38 0.00	49.05 2.65 0.00	38.26 1.81 0.00	40.34 1.74 0.00	43.93 1.55 0.00	49.30 1.68 0.00	54.71 1.90 0.00	49.00 1.19 0.00	52.15 1.75 0.00	49.27 1.90 0.00	49.78 2.83 -0.15	53.13 3.38 -1.18	56.68 4.80 -2.00	56.55 5.60 -0.29	59.67 6.04 0.00	57.12 5.20 0.00	49.24 3.70 0.00
GLENDALE_27_KV_LOAD 356172	50.24 1.59 0.00	43.95 1.76 0.00	40.75 1.50 0.00	39.19 1.32 0.00	40.56 1.28 0.00	52.29 1.47 0.00	49.35 1.89 0.00	51.35 2.10 0.00	48.82 2.43 0.00	38.56 2.04 -0.06	50.20 2.07 -9.53	49.52 2.26 -4.88	50.55 2.08 -0.85	55.90 1.95 -1.14	49.80 1.83 -0.15	52.45 1.58 -0.46	49.02 1.65 0.00	48.46 1.66 0.00	49.21 0.64 0.00	50.44 0.56 0.00	51.07 0.42 0.00	53.79 0.15 0.00	52.60 0.68 0.00	46.42 0.88 0.00
GLENWOOD_IC_1_G5 23712	49.27 1.57 0.95	43.94 1.76 0.00	40.67 1.42 0.00	39.14 1.26 0.00	40.55 1.27 0.00	52.38 1.57 0.00	49.17 1.70 0.00	51.08 1.84 0.00	48.54 2.14 0.00	38.41 1.90 -0.06	50.05 1.92 -9.54	48.36 1.92 -4.06	49.13 1.94 0.44	53.98 1.92 0.75	48.49 1.72 1.05	51.09 1.27 0.59	47.73 1.26 0.90	44.22 1.23 3.80	44.52 0.48 4.53	39.51 0.37 10.74	45.64 0.48 5.50	43.48 0.16 10.31	49.56 0.65 3.01	45.72 0.70 0.52
GLENWOOD_IC_2_G1 23688	50.02 1.38 0.00	43.73 1.54 0.00	40.52 1.26 0.00	39.00 1.13 0.00	40.39 1.12 0.00	52.16 1.35 0.00	48.98 1.51 0.00	50.94 1.69 0.00	48.34 1.95 0.00	38.20 1.68 -0.06	49.87 1.74 -9.54	50.56 1.77 -6.42	51.25 1.75 -1.87	58.92 1.69 -4.43	50.47 1.53 -1.13	52.24 1.37 -0.46	48.72 1.35 0.00	48.14 1.34 0.00	49.20 0.63 0.00	50.37 0.49 0.00	51.16 0.51 0.01	53.73 0.10 0.00	52.39 0.47 0.00	46.12 0.58 0.00
GLENWOOD_IC_3_G1 23689	50.02 1.38 0.00	43.73 1.54 0.00	40.52 1.26 0.00	39.00 1.13 0.00	40.39 1.12 0.00	52.16 1.35 0.00	48.98 1.51 0.00	50.94 1.69 0.00	48.34 1.95 0.00	38.20 1.68 -0.06	49.87 1.74 -9.54	50.56 1.77 -6.42	51.25 1.75 -1.87	58.92 1.69 -4.43	50.47 1.53 -1.13	52.24 1.37 -0.46	48.72 1.35 0.00	48.14 1.34 0.00	49.20 0.63 0.00	50.37 0.49 0.00	51.16 0.51 0.01	53.73 0.10 0.00	52.39 0.47 0.00	46.12 0.58 0.00
GLENWOOD____4 23550	49.27 1.57 0.95	43.94 1.76 0.00	40.67 1.42 0.00	39.14 1.26 0.00	40.55 1.27 0.00	52.38 1.57 0.00	49.17 1.70 0.00	51.08 1.84 0.00	48.54 2.14 0.00	38.41 1.90 -0.06	50.05 1.92 -9.54	48.36 1.92 -4.06	49.13 1.94 0.44	53.98 1.92 0.75	48.50 1.73 1.05	51.21 1.40 0.59	47.85 1.38 0.90	44.34 1.34 3.80	44.65 0.61 4.53	39.64 0.50 10.74	45.76 0.60 5.50	43.55 0.23 10.31	49.56 0.65 3.01	45.72 0.70 0.52
GLENWOOD____5 23614	49.27 1.57 0.95	43.94 1.76 0.00	40.67 1.42 0.00	39.14 1.26 0.00	40.55 1.27 0.00	52.38 1.57 0.00	49.17 1.70 0.00	51.08 1.84 0.00	48.54 2.14 0.00	38.41 1.90 -0.06	50.05 1.92 -9.54	48.36 1.92 -4.06	49.13 1.94 0.44	53.98 1.92 0.75	48.50 1.73 1.05	51.21 1.40 0.59	47.85 1.38 0.90	44.34 1.34 3.80	44.65 0.61 4.53	39.64 0.50 10.74	45.76 0.60 5.50	43.55 0.23 10.31	49.56 0.65 3.01	45.72 0.70 0.52
GLOBAL GREEN_PORT_GT1 23814	47.85 2.50 3.29	45.10 2.91 0.00	41.55 2.30 0.00	39.97 2.09 0.00	41.51 2.23 0.00	53.44 2.63 0.00	50.14 2.67 0.00	51.76 2.52 0.00	49.27 2.88 0.00	39.31 2.79 -0.06	50.90 2.77 -9.54	44.87 2.46 -0.04	45.24 2.57 4.95	46.02 2.92 9.71	45.51 2.99 5.29	50.00 2.78 3.19	46.87 2.63 3.13	36.03 2.42 13.19	34.98 1.38 14.98	15.88 1.20 35.20	22.89 2.07 29.83	20.39 1.39 34.64	43.86 1.75 9.82	45.37 1.54 1.72
GLOBE____DSASP 323697	49.83 1.18 0.00	42.70 0.52 0.00	39.81 0.55 0.00	38.16 0.29 0.00	39.75 0.47 0.00	51.64 0.83 0.00	48.19 0.73 0.00	49.28 0.04 0.00	46.21 -0.19 0.00	36.76 0.31 0.00	39.47 0.87 0.00	44.01 1.63 0.00	49.45 1.83 0.00	55.19 2.39 0.00	49.86 2.05 0.00	52.43 2.03 0.00	48.34 0.97 0.00	48.52 0.97 -0.75	57.41 1.57 -7.26	50.93 1.05 0.00	51.72 1.06 0.00	55.32 1.68 0.00	53.15 1.23 0.00	47.12 1.57 -0.01
GOETHSLN____LBMP 323567	49.74 1.09 0.00	43.45 1.26 0.00	40.31 1.06 0.00	38.79 0.92 0.00	40.13 0.85 0.00	51.82 1.01 0.00	48.75 1.29 0.00	50.77 1.52 0.00	48.17 1.78 0.00	38.05 1.54 -0.06	49.71 1.57 -9.53	48.99 1.73 -4.88	50.09 1.62 -0.85	55.38 1.43 -1.14	49.29 1.33 -0.15	52.02 1.15 -0.46	48.56 1.19 0.00	48.02 1.22 0.00	48.99 0.42 0.00	50.07 0.19 0.00	50.60 -0.05 0.00	53.25 -0.38 0.00	51.50 0.09 0.51	45.80 0.26 0.00
GOLAH____69_KV_TB 1_2 80279	51.06 2.41 0.00	43.88 1.70 0.00	40.84 1.58 0.00	39.21 1.33 0.00	40.69 1.42 0.00	52.84 2.02 0.00	49.66 2.20 0.00	51.10 1.86 0.00	47.89 1.50 0.00	37.88 1.43 0.00	40.40 1.80 0.00	44.81 2.44 0.00	50.69 3.07 0.00	56.71 3.90 0.00	51.36 3.54 0.00	54.08 3.67 0.00	50.47 3.10 0.00	53.13 3.06 -3.28	80.49 3.46 -28.45	53.06 3.18 0.00	53.75 3.10 0.00	57.13 3.49 0.00	54.82 2.89 0.00	48.30 2.73 -0.02
GOODYEAR_LAKE_HYD 323669	50.48 1.83 0.00	43.65 1.46 -0.01	40.61 1.36 0.00	39.18 1.31 0.00	40.66 1.38 0.00	52.68 1.76 -0.10	49.19 1.72 0.00	51.03 1.79 0.00	48.11 1.71 0.00	37.84 1.39 0.00	40.18 1.58 0.00	44.19 1.82 0.00	49.73 2.11 0.00	55.29 2.49 0.00	50.01 2.19 0.00	52.64 2.23 0.00	49.51 2.14 0.00	49.01 2.18 -0.03	50.98 2.17 -0.23	52.52 2.25 -0.39	52.84 2.13 -0.06	55.63 1.99 0.00	53.75 1.83 0.00	46.98 1.44 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	49.24 0.60 0.00	42.42 0.22 -0.02	39.53 0.28 0.00	38.01 0.14 0.00	39.56 0.28 0.00	51.46 0.37 -0.28	47.82 0.36 0.00	49.63 0.39 0.00	46.71 0.31 0.00	36.68 0.22 0.00	39.04 0.44 0.00	43.17 0.80 0.00	48.51 0.89 0.00	53.91 1.10 0.00	48.78 0.97 0.00	51.35 0.95 0.00	48.08 0.71 0.00	47.67 0.80 -0.07	50.35 0.90 -0.88	51.78 0.89 -1.01	51.52 0.72 -0.15	54.31 0.68 0.00	52.51 0.59 0.00	45.94 0.39 0.00

GOUDEY___7 23579	49.24 0.60 0.00	42.42 0.22 -0.02	39.53 0.28 0.00	38.01 0.14 0.00	39.56 0.28 0.00	51.46 0.37 -0.28	47.82 0.36 0.00	49.63 0.39 0.00	46.71 0.31 0.00	36.68 0.22 0.00	39.04 0.44 0.00	43.17 0.80 0.00	48.51 0.89 0.00	53.91 1.10 0.00	48.78 0.97 0.00	51.35 0.95 0.00	48.08 0.71 0.00	47.67 0.80 -0.07	50.35 0.90 -0.88	51.78 0.89 -1.01	51.52 0.72 -0.15	54.31 0.68 0.00	52.51 0.59 0.00	45.94 0.39 0.00
GOUDEY___8 23580	49.24 0.60 0.00	42.42 0.22 -0.02	39.53 0.28 0.00	38.01 0.14 0.00	39.56 0.28 0.00	51.46 0.37 -0.28	47.82 0.36 0.00	49.63 0.39 0.00	46.71 0.31 0.00	36.68 0.22 0.00	39.04 0.44 0.00	43.17 0.80 0.00	48.51 0.89 0.00	53.91 1.10 0.00	48.78 0.97 0.00	51.35 0.95 0.00	48.08 0.71 0.00	47.67 0.80 -0.07	50.35 0.90 -0.88	51.78 0.89 -1.01	51.52 0.72 -0.15	54.31 0.68 0.00	52.51 0.59 0.00	45.94 0.39 0.00
GOWANUS_GT1_1 24077	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GOWANUS_GT1_2 24078	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GOWANUS_GT1_3 24079	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GOWANUS_GT1_4 24080	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GOWANUS_GT1_5 24084	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GOWANUS_GT1_6 24111	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GOWANUS_GT1_7 24112	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GOWANUS_GT1_8 24113	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GOWANUS_GT2_1 24114	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
GOWANUS_GT2_2 24115	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
GOWANUS_GT2_3 24116	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
GOWANUS_GT2_4 24117	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
GOWANUS_GT2_5 24118	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00

GOWANUS_GT2_6 24119	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
GOWANUS_GT2_7 24120	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
GOWANUS_GT2_8 24121	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
GOWANUS_GT3_1 24122	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
GOWANUS_GT3_2 24123	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
GOWANUS_GT3_3 24124	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
GOWANUS_GT3_4 24125	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
GOWANUS_GT3_5 24126	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
GOWANUS_GT3_6 24127	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
GOWANUS_GT3_7 24128	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
GOWANUS_GT3_8 24129	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
GOWANUS_GT4_1 24130	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GOWANUS_GT4_2 24131	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GOWANUS_GT4_3 24132	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GOWANUS_GT4_4 24133	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00

GOWANUS_GT4_5 24134	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GOWANUS_GT4_6 24135	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GOWANUS_GT4_7 24136	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GOWANUS_GT4_8 24137	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GREATVR_69_KV_BK1 356245	47.36 1.89 3.18	44.53 2.35 0.00	41.02 1.76 0.00	39.45 1.58 0.00	40.96 1.69 0.00	52.81 2.00 0.00	49.51 2.05 0.00	51.12 1.88 0.00	48.80 2.41 0.00	38.80 2.29 -0.06	50.21 2.08 -9.54	44.17 1.58 -0.22	44.59 1.71 4.74	45.15 1.66 9.31	44.33 1.61 5.09	48.96 1.62 3.06	46.07 1.72 3.02	35.72 1.64 12.72	35.09 0.98 14.46	16.88 1.00 34.00	23.46 1.44 28.63	20.73 0.55 33.45	43.25 0.81 9.48	44.69 0.80 1.66
GREENBSH_115KV_TB3 55895	47.91 -0.74 0.00	41.71 -0.48 0.00	38.80 -0.46 0.00	37.51 -0.37 0.00	38.87 -0.41 0.00	50.24 -0.57 0.00	46.86 -0.60 0.00	48.74 -0.51 0.00	45.99 -0.41 0.00	36.02 -0.38 0.05	30.91 -0.41 7.28	38.01 -0.63 3.73	46.17 -0.81 0.65	50.94 -1.00 0.87	46.79 -0.91 0.11	49.14 -0.91 0.36	46.66 -0.71 0.00	46.21 -0.59 0.00	47.69 -0.88 0.00	48.88 -1.00 0.00	49.61 -1.05 0.00	52.40 -1.23 0.00	50.95 -0.97 0.00	44.81 -0.73 0.00
GREENDGE_115KV_TB5 80291	49.85 1.21 0.00	42.92 0.72 -0.02	40.12 0.87 0.00	38.47 0.59 0.00	40.08 0.80 0.00	51.86 0.82 -0.23	48.49 1.02 0.00	50.07 0.83 0.00	47.07 0.67 0.00	37.14 0.68 0.00	39.60 1.00 0.00	43.59 1.22 0.00	48.92 1.30 0.00	54.60 1.79 0.00	49.46 1.64 0.00	52.03 1.63 0.00	48.81 1.44 0.00	48.51 1.65 -0.06	51.50 2.13 -0.79	52.80 2.08 -0.84	52.69 1.92 -0.12	55.59 1.95 0.00	53.34 1.42 0.00	46.64 1.10 0.00
GREENIDGE___3 23582	49.85 1.21 0.00	42.92 0.72 -0.02	40.12 0.87 0.00	38.47 0.59 0.00	40.08 0.80 0.00	51.86 0.82 -0.23	48.49 1.02 0.00	50.07 0.83 0.00	47.07 0.67 0.00	37.14 0.68 0.00	39.60 1.00 0.00	43.59 1.22 0.00	48.92 1.30 0.00	54.60 1.79 0.00	49.46 1.64 0.00	52.03 1.63 0.00	48.81 1.44 0.00	48.51 1.65 -0.06	51.50 2.13 -0.79	52.80 2.08 -0.84	52.69 1.92 -0.12	55.59 1.95 0.00	53.34 1.42 0.00	46.64 1.10 0.00
GREENIDGE___4 23583	49.85 1.21 0.00	42.93 0.73 -0.02	40.12 0.87 0.00	38.47 0.59 0.00	40.08 0.80 0.00	51.87 0.82 -0.23	48.49 1.03 0.00	50.07 0.82 0.00	47.07 0.67 0.00	37.14 0.68 0.00	39.60 1.00 0.00	43.60 1.23 0.00	48.93 1.30 0.00	54.60 1.79 0.00	49.45 1.64 0.00	52.02 1.62 0.00	48.80 1.43 0.00	48.51 1.65 -0.06	51.49 2.13 -0.79	52.80 2.07 -0.84	52.72 1.94 -0.12	55.61 1.98 0.00	53.34 1.42 0.00	46.64 1.10 0.00
GREENLWN_69_KV_BK 3 55738	46.18 0.75 3.21	43.71 1.52 0.00	40.33 1.08 0.00	38.81 0.94 0.00	40.27 0.99 0.00	51.90 1.09 0.00	48.56 1.09 0.00	50.10 0.86 0.00	47.76 1.36 0.00	37.96 1.45 -0.06	49.27 1.14 -9.54	43.11 0.55 -0.18	43.27 0.44 4.79	43.68 0.28 9.41	42.90 0.23 5.14	47.37 0.06 3.10	44.49 0.17 3.05	34.09 0.14 12.85	33.41 -0.56 14.60	14.91 -0.64 34.33	21.36 -0.15 29.14	18.71 -1.14 33.79	41.76 -0.59 9.57	43.60 -0.27 1.67
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00
GRISSOM___SOLAR 323813	51.55 2.91 0.00	44.55 2.37 0.00	41.39 2.14 0.00	39.92 2.04 0.00	41.37 2.09 0.00	53.61 2.79 0.00	50.19 2.73 0.00	51.79 2.55 0.00	48.29 1.90 0.00	37.37 0.95 0.04	33.84 0.79 5.55	40.07 0.54 2.85	47.71 0.58 0.49	53.27 1.12 0.66	49.24 1.52 0.09	51.92 1.78 0.27	49.41 2.04 0.00	49.45 2.65 0.00	51.68 3.11 0.00	53.36 3.48 0.00	54.11 3.46 0.00	56.95 3.32 0.00	54.96 3.04 0.00	48.02 2.48 0.00
GROVEVILLE___HYD 323602	50.21 1.57 0.00	43.69 1.50 0.00	40.56 1.31 0.00	39.06 1.19 0.00	40.45 1.17 0.00	52.26 1.45 0.00	49.04 1.58 0.00	51.08 1.83 0.00	48.36 1.96 0.00	38.12 1.62 -0.05	47.96 1.72 -7.65	48.20 1.91 -3.92	50.32 2.02 -0.68	55.77 2.05 -0.91	49.78 1.85 -0.12	52.56 1.78 -0.37	49.12 1.76 0.00	48.64 1.84 0.00	49.90 1.33 0.00	51.13 1.25 0.00	51.84 1.18 0.00	54.55 0.91 0.00	53.04 1.12 0.00	46.55 1.01 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	48.70 0.05 0.00	42.13 -0.10 -0.04	39.16 -0.09 0.00	37.75 -0.12 0.00	39.13 -0.15 0.00	51.36 -0.13 -0.67	47.37 -0.11 -0.01	49.12 -0.13 0.00	46.32 -0.08 0.00	36.40 -0.06 0.00	38.64 0.04 0.00	42.56 0.18 0.00	47.92 0.30 0.00	53.28 0.47 0.00	48.26 0.44 0.00	50.83 0.43 0.00	47.73 0.37 0.00	47.41 0.43 -0.18	50.55 0.51 -1.46	52.85 0.49 -2.48	51.39 0.38 -0.36	53.97 0.33 0.00	52.09 0.17 0.00	45.59 0.05 0.00
HAMLTNNY_34_KV_TB 80303	49.33 0.69 0.00	42.61 0.38 -0.04	39.60 0.35 0.00	38.15 0.28 0.00	39.56 0.28 0.00	51.92 0.46 -0.64	47.95 0.48 -0.01	49.67 0.42 0.00	46.79 0.39 0.00	36.79 0.34 0.00	39.12 0.52 0.00	43.12 0.75 0.00	48.60 0.98 0.00	54.17 1.36 0.00	49.20 1.39 0.00	51.79 1.39 0.00	48.59 1.22 0.00	48.23 1.26 -0.17	51.32 1.35 -1.39	53.56 1.32 -2.37	52.16 1.17 -0.34	54.82 1.19 0.00	52.86 0.94 0.00	46.29 0.75 0.00

HAMPSHIRE___PAPER_HYD 323593	50.68 2.04 0.00	43.89 1.69 -0.01	40.79 1.53 0.00	39.26 1.39 0.00	40.70 1.42 0.00	53.03 2.05 -0.17	49.35 1.88 0.00	51.04 1.79 0.00	47.70 1.30 0.00	37.31 0.86 0.00	39.36 0.76 0.00	43.10 0.72 0.00	48.48 0.86 0.00	53.79 0.98 0.00	48.56 0.74 0.00	51.40 1.00 0.00	48.04 0.68 0.00	47.79 0.94 -0.05	50.12 1.18 -0.37	52.37 1.87 -0.62	52.87 2.13 -0.09	56.64 3.00 0.00	54.69 2.76 0.00	47.67 2.12 0.00
HARDSCRABBLE_WT_PWR 323673	48.30 -0.34 0.00	41.99 -0.20 0.00	39.02 -0.23 0.00	37.71 -0.17 0.00	39.07 -0.21 0.00	50.56 -0.25 0.00	47.19 -0.27 0.00	48.91 -0.33 0.00	45.93 -0.46 0.00	35.78 -0.67 0.00	37.72 -0.88 0.00	41.29 -1.08 0.00	46.29 -1.34 0.00	51.48 -1.33 0.00	46.86 -0.95 0.00	49.62 -0.79 0.00	46.83 -0.54 0.00	46.85 0.05 0.00	48.66 0.09 0.00	50.04 0.16 0.00	51.08 0.43 0.00	54.36 0.73 0.00	52.68 0.76 0.00	46.14 0.60 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	49.81 1.17 0.00	43.37 1.19 0.00	40.27 1.02 0.00	38.77 0.90 0.00	40.14 0.86 0.00	51.89 1.08 0.00	48.70 1.23 0.00	50.65 1.40 0.00	47.94 1.54 0.00	37.79 1.28 -0.05	48.06 1.39 -8.07	48.09 1.58 -4.14	50.04 1.70 -0.72	55.54 1.77 -0.96	49.49 1.55 -0.12	52.34 1.54 -0.39	48.84 1.47 0.00	48.37 1.57 0.00	49.60 1.02 0.00	50.86 0.98 0.00	51.60 0.95 0.00	54.29 0.66 0.00	52.78 0.86 0.00	46.31 0.77 0.00
HARSNRAD_115KV_TB1 81005	50.70 2.05 0.00	43.50 1.31 0.00	40.52 1.27 0.00	38.81 0.94 0.00	40.43 1.15 0.00	52.58 1.76 0.00	49.13 1.66 0.00	50.26 1.01 0.00	47.11 0.71 0.00	37.46 1.00 0.00	40.22 1.62 0.00	44.85 2.47 0.00	50.44 2.82 0.00	56.39 3.58 0.00	50.83 3.02 0.00	53.44 3.03 0.00	49.34 1.97 0.00	50.05 2.00 -1.25	62.68 2.62 -11.49	51.99 2.11 0.00	52.78 2.12 0.00	56.40 2.76 0.00	54.11 2.19 0.00	47.85 2.30 -0.01
HARZA MOOSE___RIVER 24016	50.88 2.23 0.00	43.99 1.79 -0.01	40.90 1.64 0.00	39.34 1.47 0.00	40.76 1.48 0.00	53.18 2.18 -0.19	49.41 1.94 0.00	51.24 2.00 0.00	48.02 1.62 0.00	37.55 1.10 0.00	39.71 1.11 0.00	43.54 1.16 0.00	49.03 1.40 0.00	54.32 1.52 0.00	49.04 1.23 0.00	52.19 1.79 0.00	49.00 1.63 0.00	48.85 2.00 -0.05	51.22 2.23 -0.41	53.50 2.92 -0.71	53.88 3.13 -0.10	56.97 3.33 0.00	54.84 2.92 0.00	47.65 2.11 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	48.28 -0.37 0.00	41.74 -0.47 -0.02	38.83 -0.43 0.00	37.46 -0.42 0.00	38.86 -0.42 0.00	50.68 -0.50 -0.37	47.05 -0.43 0.00	48.81 -0.43 0.00	46.01 -0.39 0.00	36.18 -0.27 0.00	38.45 -0.15 0.00	42.35 -0.02 0.00	47.66 0.04 0.00	52.98 0.17 0.00	47.92 0.10 0.00	50.52 0.11 0.00	47.40 0.04 0.00	46.98 0.08 -0.10	49.50 0.12 -0.80	51.27 0.03 -1.36	50.80 -0.06 -0.20	53.52 -0.12 0.00	51.64 -0.28 0.00	45.21 -0.33 0.00
HELLGATE_13_KV_LD 55870	50.34 1.69 0.00	44.03 1.85 0.00	40.83 1.58 0.00	39.27 1.40 0.00	40.64 1.36 0.00	52.39 1.57 0.00	49.46 2.00 0.00	51.45 2.20 0.00	48.92 2.52 0.00	38.64 2.12 -0.06	50.28 2.15 -9.53	49.60 2.34 -4.88	50.64 2.17 -0.85	56.01 2.06 -1.14	49.88 1.92 -0.15	52.52 1.66 -0.46	49.09 1.72 0.00	48.54 1.74 0.00	49.28 0.70 0.00	50.50 0.62 0.00	51.15 0.50 0.00	53.88 0.25 0.00	52.70 0.78 0.00	46.52 0.98 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.34 1.69 0.00	44.03 1.85 0.00	40.83 1.58 0.00	39.27 1.40 0.00	40.64 1.36 0.00	52.39 1.57 0.00	49.46 2.00 0.00	51.45 2.20 0.00	48.92 2.52 0.00	38.64 2.12 -0.06	50.28 2.15 -9.53	49.60 2.34 -4.88	50.64 2.17 -0.85	56.01 2.06 -1.14	49.88 1.92 -0.15	52.52 1.66 -0.46	49.09 1.72 0.00	48.54 1.74 0.00	49.28 0.70 0.00	50.50 0.62 0.00	51.15 0.50 0.00	53.88 0.25 0.00	52.70 0.78 0.00	46.52 0.98 0.00
HEMPSTEAD___ 23647	48.47 1.28 1.46	43.82 1.64 0.00	40.47 1.22 0.00	38.95 1.07 0.00	40.37 1.10 0.00	52.19 1.37 0.00	48.95 1.49 0.00	50.77 1.53 0.00	48.30 1.90 0.00	38.27 1.76 -0.06	49.82 1.69 -9.54	46.74 1.45 -2.92	47.45 1.43 1.60	50.92 1.39 3.28	46.92 1.25 2.14	50.29 1.05 1.16	47.06 1.08 1.39	41.96 1.01 5.85	41.88 0.23 6.92	33.67 0.17 16.38	42.61 0.32 8.36	37.64 -0.28 15.72	47.54 0.21 4.59	45.11 0.37 0.80
HICKLING___1 23621	49.97 1.33 0.00	42.78 0.57 -0.02	39.92 0.67 0.00	38.17 0.29 0.00	39.88 0.60 0.00	51.91 0.87 -0.23	48.35 0.88 0.00	50.09 0.85 0.00	46.93 0.54 0.00	36.89 0.44 0.00	39.52 0.91 0.00	43.91 1.54 0.00	49.28 1.66 0.00	54.96 2.15 0.00	49.67 1.85 0.00	52.20 1.80 0.00	48.67 1.31 0.00	48.58 1.52 -0.26	52.99 1.95 -2.47	52.62 1.90 -0.85	52.42 1.65 -0.12	55.28 1.64 0.00	53.16 1.24 0.00	46.44 0.90 0.00
HICKLING___2 23622	49.97 1.33 0.00	42.78 0.57 -0.02	39.92 0.67 0.00	38.17 0.29 0.00	39.88 0.60 0.00	51.91 0.87 -0.23	48.35 0.88 0.00	50.09 0.85 0.00	46.93 0.54 0.00	36.89 0.44 0.00	39.52 0.91 0.00	43.91 1.54 0.00	49.28 1.66 0.00	54.96 2.15 0.00	49.67 1.85 0.00	52.20 1.80 0.00	48.67 1.31 0.00	48.58 1.52 -0.26	52.99 1.95 -2.47	52.62 1.90 -0.85	52.42 1.65 -0.12	55.28 1.64 0.00	53.16 1.24 0.00	46.44 0.90 0.00
HIGH FALLS___HY 23754	50.37 1.72 0.00	43.79 1.60 0.00	40.62 1.37 0.00	39.11 1.24 0.00	40.50 1.22 0.00	52.33 1.51 0.00	49.13 1.67 0.00	51.13 1.89 0.00	48.41 2.01 0.00	38.17 1.69 -0.03	45.40 1.76 -5.04	47.01 2.05 -2.58	50.18 2.11 -0.45	55.64 2.23 -0.60	49.63 1.74 -0.08	52.20 1.55 -0.25	49.03 1.66 0.00	48.59 1.79 0.00	49.91 1.34 0.00	51.24 1.36 0.00	52.22 1.57 0.00	54.96 1.33 0.00	53.35 1.43 0.00	46.74 1.20 0.00
HIGH_RIVER___SOLAR 323847	50.27 1.63 0.00	43.56 1.37 0.00	40.51 1.26 0.00	39.10 1.23 0.00	40.55 1.27 0.00	52.44 1.63 0.00	49.00 1.53 0.00	50.66 1.42 0.00	47.42 1.02 0.00	36.93 0.52 0.04	32.85 0.24 5.98	39.33 0.02 3.07	47.06 -0.03 0.53	52.23 0.14 0.72	48.17 0.45 0.09	50.74 0.63 0.29	48.24 0.87 0.00	48.11 1.31 0.00	50.18 1.60 0.00	51.72 1.84 0.00	52.49 1.84 0.00	55.35 1.71 0.00	53.57 1.65 0.00	46.92 1.38 0.00
HILLBURN___GT 23639	49.56 0.91 0.00	43.20 1.01 0.00	40.12 0.86 0.00	38.61 0.74 0.00	39.95 0.67 0.00	51.67 0.86 0.00	48.52 1.05 0.00	50.44 1.19 0.00	47.74 1.34 0.00	37.63 1.12 -0.05	48.11 1.19 -8.32	47.97 1.33 -4.26	49.76 1.40 -0.74	55.19 1.39 -0.99	49.15 1.21 -0.13	52.01 1.20 -0.41	48.51 1.14 0.00	48.02 1.22 0.00	49.20 0.63 0.00	50.47 0.60 0.00	51.19 0.54 0.00	53.88 0.25 0.00	52.44 0.52 0.00	46.05 0.51 0.00
HILLSIDE_115KV_TB1 80332	49.06 0.42 0.00	42.00 -0.20 -0.02	39.21 -0.04 0.00	37.52 -0.35 0.00	39.21 -0.07 0.00	51.01 -0.04 -0.24	47.43 -0.04 0.00	49.23 -0.01 0.00	46.19 -0.20 0.00	36.27 -0.19 0.00	38.78 0.18 0.00	43.14 0.76 0.00	48.35 0.73 0.00	53.86 1.05 0.00	48.72 0.90 0.00	51.19 0.78 0.00	47.73 0.37 0.00	47.57 0.52 -0.25	51.77 0.86 -2.34	51.57 0.81 -0.88	51.29 0.51 -0.13	54.07 0.44 0.00	52.20 0.28 0.00	45.59 0.04 0.00

HISHELDN_WT_PWR 323625	50.67 2.03 0.00	43.36 1.17 0.00	40.43 1.17 0.00	38.69 0.82 0.00	40.35 1.08 0.00	52.46 1.64 0.00	49.05 1.58 0.00	50.33 1.08 0.00	47.10 0.70 0.00	37.34 0.88 0.00	40.13 1.54 0.00	44.67 2.29 0.00	50.21 2.59 0.00	56.08 3.27 0.00	50.62 2.81 0.00	53.31 2.91 0.00	49.44 2.07 0.00	49.59 2.19 -0.61	57.14 2.72 -5.85	52.25 2.37 0.00	53.05 2.40 0.00	56.46 2.83 0.00	54.05 2.13 0.00	47.56 2.01 -0.01
HOLTSVILLE_IC_1 23690	46.25 0.90 3.30	43.74 1.55 0.00	40.27 1.01 0.00	38.76 0.88 0.00	40.26 0.98 0.00	51.86 1.04 0.00	48.58 1.11 0.00	50.18 0.94 0.00	47.85 1.45 0.00	38.04 1.52 -0.06	49.45 1.31 -9.54	43.08 0.67 -0.03	43.26 0.60 4.96	43.55 0.48 9.73	43.03 0.52 5.30	47.62 0.42 3.20	44.79 0.56 3.14	34.10 0.52 13.22	33.41 -0.16 15.00	14.50 -0.12 35.26	21.06 0.29 29.89	18.26 -0.66 34.71	41.77 -0.32 9.83	43.72 -0.10 1.72
HOLTSVILLE_IC_10 23699	46.53 1.16 3.27	43.93 1.74 0.00	40.43 1.17 0.00	38.91 1.03 0.00	40.43 1.15 0.00	52.11 1.30 0.00	48.82 1.35 0.00	50.43 1.18 0.00	48.02 1.62 0.00	38.17 1.66 -0.06	49.62 1.48 -9.54	43.39 0.94 -0.07	43.64 0.92 4.91	43.93 0.75 9.63	43.35 0.78 5.25	47.98 0.75 3.17	45.21 0.95 3.11	34.60 0.89 13.10	33.93 0.23 14.87	15.19 0.27 34.96	21.73 0.67 29.60	18.96 -0.27 34.41	42.19 0.01 9.75	43.99 0.15 1.71
HOLTSVILLE_IC_2 23691	46.25 0.90 3.30	43.74 1.55 0.00	40.27 1.01 0.00	38.76 0.88 0.00	40.26 0.98 0.00	51.86 1.04 0.00	48.58 1.11 0.00	50.18 0.94 0.00	47.85 1.45 0.00	38.04 1.52 -0.06	49.45 1.31 -9.54	43.08 0.67 -0.03	43.26 0.60 4.96	43.55 0.48 9.73	43.03 0.52 5.30	47.62 0.42 3.20	44.79 0.56 3.14	34.10 0.52 13.22	33.41 -0.16 15.00	14.50 -0.12 35.26	21.06 0.29 29.89	18.26 -0.66 34.71	41.77 -0.32 9.83	43.72 -0.10 1.72
HOLTSVILLE_IC_3 23692	46.25 0.90 3.30	43.74 1.55 0.00	40.27 1.01 0.00	38.76 0.88 0.00	40.26 0.98 0.00	51.86 1.04 0.00	48.58 1.11 0.00	50.18 0.94 0.00	47.85 1.45 0.00	38.04 1.52 -0.06	49.45 1.31 -9.54	43.08 0.67 -0.03	43.26 0.60 4.96	43.55 0.48 9.73	43.03 0.52 5.30	47.62 0.42 3.20	44.79 0.56 3.14	34.10 0.52 13.22	33.41 -0.16 15.00	14.50 -0.12 35.26	21.06 0.29 29.89	18.26 -0.66 34.71	41.77 -0.32 9.83	43.72 -0.10 1.72
HOLTSVILLE_IC_4 23693	46.25 0.90 3.30	43.74 1.55 0.00	40.27 1.01 0.00	38.76 0.88 0.00	40.26 0.98 0.00	51.86 1.04 0.00	48.58 1.11 0.00	50.18 0.94 0.00	47.85 1.45 0.00	38.04 1.52 -0.06	49.45 1.31 -9.54	43.08 0.67 -0.03	43.26 0.60 4.96	43.55 0.48 9.73	43.03 0.52 5.30	47.62 0.42 3.20	44.79 0.56 3.14	34.10 0.52 13.22	33.41 -0.16 15.00	14.50 -0.12 35.26	21.06 0.29 29.89	18.26 -0.66 34.71	41.77 -0.32 9.83	43.72 -0.10 1.72
HOLTSVILLE_IC_5 23694	46.25 0.90 3.30	43.74 1.55 0.00	40.27 1.01 0.00	38.76 0.88 0.00	40.26 0.98 0.00	51.86 1.04 0.00	48.58 1.11 0.00	50.18 0.94 0.00	47.85 1.45 0.00	38.04 1.52 -0.06	49.45 1.31 -9.54	43.08 0.67 -0.03	43.26 0.60 4.96	43.55 0.48 9.73	43.03 0.52 5.30	47.62 0.42 3.20	44.79 0.56 3.14	34.10 0.52 13.22	33.41 -0.16 15.00	14.50 -0.12 35.26	21.06 0.29 29.89	18.26 -0.66 34.71	41.77 -0.32 9.83	43.72 -0.10 1.72
HOLTSVILLE_IC_6 23695	46.53 1.16 3.27	43.93 1.74 0.00	40.43 1.17 0.00	38.91 1.03 0.00	40.43 1.15 0.00	52.11 1.30 0.00	48.82 1.35 0.00	50.43 1.18 0.00	48.02 1.62 0.00	38.17 1.66 -0.06	49.62 1.48 -9.54	43.39 0.94 -0.07	43.64 0.92 4.91	43.93 0.75 9.63	43.35 0.78 5.25	47.98 0.75 3.17	45.21 0.95 3.11	34.60 0.89 13.10	33.93 0.23 14.87	15.19 0.27 34.96	21.73 0.67 29.60	18.96 -0.27 34.41	42.19 0.01 9.75	43.99 0.15 1.71
HOLTSVILLE_IC_7 23696	46.53 1.16 3.27	43.93 1.74 0.00	40.43 1.17 0.00	38.91 1.03 0.00	40.43 1.15 0.00	52.11 1.30 0.00	48.82 1.35 0.00	50.43 1.18 0.00	48.02 1.62 0.00	38.17 1.66 -0.06	49.62 1.48 -9.54	43.39 0.94 -0.07	43.64 0.92 4.91	43.93 0.75 9.63	43.35 0.78 5.25	47.98 0.75 3.17	45.21 0.95 3.11	34.60 0.89 13.10	33.93 0.23 14.87	15.19 0.27 34.96	21.73 0.67 29.60	18.96 -0.27 34.41	42.19 0.01 9.75	43.99 0.15 1.71
HOLTSVILLE_IC_8 23697	46.53 1.16 3.27	43.93 1.74 0.00	40.43 1.17 0.00	38.91 1.03 0.00	40.43 1.15 0.00	52.11 1.30 0.00	48.82 1.35 0.00	50.43 1.18 0.00	48.02 1.62 0.00	38.17 1.66 -0.06	49.62 1.48 -9.54	43.39 0.94 -0.07	43.64 0.92 4.91	43.93 0.75 9.63	43.35 0.78 5.25	47.98 0.75 3.17	45.21 0.95 3.11	34.60 0.89 13.10	33.93 0.23 14.87	15.19 0.27 34.96	21.73 0.67 29.60	18.96 -0.27 34.41	42.19 0.01 9.75	43.99 0.15 1.71
HOLTSVILLE_IC_9 23698	46.53 1.16 3.27	43.93 1.74 0.00	40.43 1.17 0.00	38.91 1.03 0.00	40.43 1.15 0.00	52.11 1.30 0.00	48.82 1.35 0.00	50.43 1.18 0.00	48.02 1.62 0.00	38.17 1.66 -0.06	49.62 1.48 -9.54	43.39 0.94 -0.07	43.64 0.92 4.91	43.93 0.75 9.63	43.35 0.78 5.25	47.98 0.75 3.17	45.21 0.95 3.11	34.60 0.89 13.10	33.93 0.23 14.87	15.19 0.27 34.96	21.73 0.67 29.60	18.96 -0.27 34.41	42.19 0.01 9.75	43.99 0.15 1.71
HOMER_HL_115KV_TB2 355744	49.69 1.05 0.00	42.39 0.20 0.00	39.68 0.43 0.00	37.95 0.08 0.00	39.54 0.26 0.00	50.94 0.12 0.00	48.24 0.78 0.00	49.78 0.53 0.00	46.60 0.20 0.00	36.77 0.31 0.00	39.65 1.05 0.00	44.29 1.92 0.00	49.86 2.24 0.00	55.39 2.58 0.00	50.13 2.32 0.00	52.40 1.99 0.00	48.36 0.99 0.00	48.22 0.87 -0.55	55.04 1.10 -5.36	50.32 0.44 0.00	51.12 0.47 0.00	54.85 1.22 0.00	53.02 1.10 0.00	46.67 1.12 -0.01
HOWARD_WT_PWR 323690	50.70 2.06 0.00	43.46 1.26 -0.01	40.41 1.16 0.00	38.40 0.53 0.00	40.19 0.91 0.00	52.36 1.38 -0.17	49.11 1.64 0.00	50.73 1.48 0.00	47.31 0.91 0.00	37.24 0.79 0.00	39.93 1.33 0.00	44.26 1.88 0.00	49.67 2.04 0.00	55.51 2.70 0.00	50.01 2.20 0.00	52.56 2.16 0.00	49.08 1.71 0.00	49.19 2.08 -0.32	54.27 2.63 -3.07	52.93 2.42 -0.63	53.20 2.46 -0.09	56.20 2.56 0.00	53.65 1.73 0.00	46.96 1.42 0.00
HQ_GEN_CEDARS 23644	49.78 1.14 0.00	43.18 0.99 0.00	40.15 0.89 0.00	38.70 0.82 0.00	40.16 0.88 0.00	52.03 1.22 0.00	48.59 1.12 0.00	50.24 1.00 0.00	47.11 0.72 0.00	36.98 0.53 0.00	39.05 0.45 0.00	42.85 0.48 0.00	48.23 0.61 0.00	53.51 0.70 0.00	48.44 0.63 0.00	51.03 0.63 0.00	47.71 0.35 0.00	47.07 0.26 0.00	49.12 0.55 0.00	50.66 0.78 0.00	51.72 1.07 0.00	55.24 1.61 0.00	53.43 1.51 0.00	46.88 1.33 0.00
HQ_GEN_CEDARS_PROXY 323590	49.78 1.14 0.00	43.18 0.99 0.00	40.15 0.89 0.00	38.70 0.82 0.00	40.16 0.88 0.00	52.03 1.22 0.00	48.59 1.12 0.00	50.24 1.00 0.00	47.12 0.72 0.00	36.98 0.53 0.00	39.05 0.45 0.00	42.85 0.48 0.00	48.23 0.61 0.00	53.51 0.70 0.00	48.44 0.63 0.00	51.03 0.63 0.00	47.72 0.35 0.00	47.07 0.27 0.00	49.12 0.55 0.00	50.66 0.78 0.00	51.72 1.07 0.00	56.27 1.61 -1.02	53.43 1.51 0.00	46.87 1.33 0.00

HQ_GEN_IMPORT 323601	49.01 0.37 0.00	42.51 0.32 0.00	38.74 0.30 0.81	37.90 0.27 0.25	39.58 0.30 0.00	51.21 0.40 0.00	47.84 0.37 0.00	49.57 0.33 0.00	47.06 0.23 -0.43	36.64 0.19 0.00	38.75 0.15 0.00	42.54 0.16 0.00	47.85 0.23 0.00	53.08 0.27 0.00	48.06 0.24 0.00	50.63 0.23 0.00	47.55 0.19 0.00	46.87 0.07 0.00	48.84 0.26 0.00	50.21 0.33 0.00	51.06 0.41 0.00	54.35 0.59 -0.12	52.39 0.51 0.05	46.02 0.48 0.00
HQ_GEN_WHEEL 23651	49.01 0.37 0.00	42.51 0.32 0.00	38.74 0.30 0.81	37.90 0.27 0.25	39.58 0.30 0.00	51.21 0.40 0.00	47.84 0.37 0.00	49.57 0.33 0.00	47.06 0.23 -0.43	36.64 0.19 0.00	38.75 0.15 0.00	42.54 0.16 0.00	47.85 0.23 0.00	53.08 0.27 0.00	48.06 0.24 0.00	50.63 0.23 0.00	47.55 0.19 0.00	46.87 0.07 0.00	48.84 0.26 0.00	50.21 0.33 0.00	51.06 0.41 0.00	54.35 0.59 -0.12	52.39 0.51 0.05	46.02 0.48 0.00
HUDSON AVE_GT_3 23810	50.12 1.48 0.00	43.75 1.56 0.00	40.58 1.33 0.00	39.05 1.18 0.00	40.42 1.14 0.00	52.21 1.40 0.00	49.10 1.64 0.00	51.16 1.92 0.00	48.55 2.15 0.00	38.35 1.84 -0.06	50.02 1.89 -9.53	49.33 2.07 -4.88	50.47 2.00 -0.85	55.82 1.88 -1.14	49.66 1.70 -0.15	52.42 1.55 -0.46	48.89 1.53 0.00	48.32 1.52 0.00	49.33 0.75 0.00	50.46 0.58 0.00	51.08 0.43 0.00	53.76 0.13 0.00	52.49 0.57 0.00	46.20 0.66 0.00
HUDSON AVE_GT_4 23540	50.12 1.48 0.00	43.75 1.56 0.00	40.58 1.33 0.00	39.05 1.18 0.00	40.42 1.14 0.00	52.21 1.40 0.00	49.10 1.64 0.00	51.16 1.92 0.00	48.55 2.15 0.00	38.35 1.84 -0.06	50.02 1.89 -9.53	49.33 2.07 -4.88	50.47 2.00 -0.85	55.82 1.88 -1.14	49.66 1.70 -0.15	52.42 1.55 -0.46	48.89 1.53 0.00	48.32 1.52 0.00	49.33 0.75 0.00	50.46 0.58 0.00	51.08 0.43 0.00	53.76 0.13 0.00	52.49 0.57 0.00	46.20 0.66 0.00
HUDSON AVE_GT_5 23657	50.12 1.48 0.00	43.75 1.56 0.00	40.58 1.33 0.00	39.05 1.18 0.00	40.42 1.14 0.00	52.21 1.40 0.00	49.10 1.64 0.00	51.16 1.92 0.00	48.55 2.15 0.00	38.35 1.84 -0.06	50.02 1.89 -9.53	49.33 2.07 -4.88	50.47 2.00 -0.85	55.82 1.88 -1.14	49.66 1.70 -0.15	52.42 1.55 -0.46	48.89 1.53 0.00	48.32 1.52 0.00	49.33 0.75 0.00	50.46 0.58 0.00	51.08 0.43 0.00	53.76 0.13 0.00	52.49 0.57 0.00	46.20 0.66 0.00
HUDSON_AVE_10 24168	49.92 1.27 0.00	43.56 1.38 0.00	40.42 1.17 0.00	38.91 1.03 0.00	40.25 0.97 0.00	51.99 1.18 0.00	48.88 1.41 0.00	50.93 1.68 0.00	48.34 1.94 0.00	38.16 1.65 -0.06	49.80 1.66 -9.53	49.08 1.82 -4.88	50.19 1.72 -0.85	55.50 1.56 -1.14	49.38 1.42 -0.15	52.12 1.25 -0.46	48.62 1.25 0.00	48.01 1.22 0.00	49.00 0.42 0.00	50.24 0.28 -0.09	57.73 0.11 -6.96	54.01 -0.20 -0.58	52.22 0.30 0.00	45.98 0.44 0.00
HUDSON___115KV_TB 4 355613	48.86 0.21 0.00	42.46 0.28 0.00	39.47 0.22 0.00	38.17 0.29 0.00	39.57 0.29 0.00	51.19 0.37 0.00	47.76 0.30 0.00	49.64 0.39 0.00	46.70 0.30 0.00	36.40 -0.02 0.03	33.63 -0.04 4.93	39.64 -0.21 2.53	46.82 -0.37 0.44	51.81 -0.41 0.59	47.37 -0.37 0.08	50.09 -0.08 0.24	47.53 0.17 0.00	47.24 0.44 0.00	49.01 0.44 0.00	50.34 0.46 0.00	51.12 0.47 0.00	53.94 0.30 0.00	52.28 0.36 0.00	45.87 0.33 0.00
HUNTER MOUNT___DRP 323613	48.92 0.28 0.00	42.49 0.30 0.00	39.51 0.26 0.00	38.21 0.33 0.00	39.61 0.33 0.00	51.27 0.45 0.00	47.80 0.34 0.00	49.71 0.46 0.00	46.75 0.36 0.00	36.46 0.03 0.02	35.54 0.02 3.09	40.63 -0.16 1.58	47.08 -0.27 0.27	52.13 -0.31 0.37	47.53 -0.24 0.05	50.35 0.10 0.15	47.69 0.32 0.00	47.44 0.64 0.00	49.25 0.68 0.00	50.58 0.70 0.00	51.36 0.70 0.00	54.17 0.54 0.00	52.47 0.54 0.00	46.00 0.46 0.00
HUNTINGTON_RES_REC 323705	46.32 0.94 3.26	43.81 1.62 0.00	40.38 1.13 0.00	38.85 0.98 0.00	40.35 1.07 0.00	52.01 1.19 0.00	48.68 1.21 0.00	50.26 1.01 0.00	47.93 1.54 0.00	38.12 1.60 -0.06	49.48 1.35 -9.54	43.18 0.71 -0.09	43.43 0.69 4.88	43.80 0.59 9.59	43.14 0.56 5.23	47.72 0.47 3.16	44.85 0.58 3.10	34.26 0.51 13.06	33.59 -0.15 14.83	14.82 -0.21 34.85	21.35 0.24 29.54	18.57 -0.76 34.30	41.87 -0.34 9.72	43.78 -0.07 1.70
HUNTLEY___63 23557	51.41 2.77 0.00	43.96 1.78 0.00	40.95 1.70 0.00	39.20 1.33 0.00	40.82 1.54 0.00	53.08 2.27 0.00	49.60 2.13 0.00	50.80 1.55 0.00	47.66 1.27 0.00	37.94 1.48 0.00	40.78 2.18 0.00	45.55 3.18 0.00	51.26 3.64 0.00	57.30 4.49 0.00	51.64 3.83 0.00	54.26 3.86 0.00	50.07 2.71 0.00	50.46 2.71 -0.94	60.75 3.31 -8.87	52.67 2.79 0.00	53.44 2.79 0.00	57.04 3.41 0.00	54.82 2.90 0.00	48.48 2.93 -0.01
HUNTLEY___64 23558	51.41 2.77 0.00	43.96 1.78 0.00	40.95 1.70 0.00	39.20 1.33 0.00	40.82 1.54 0.00	53.08 2.27 0.00	49.60 2.13 0.00	50.80 1.55 0.00	47.66 1.27 0.00	37.94 1.48 0.00	40.78 2.18 0.00	45.55 3.18 0.00	51.26 3.64 0.00	57.30 4.49 0.00	51.64 3.83 0.00	54.26 3.86 0.00	50.07 2.71 0.00	50.46 2.71 -0.94	60.75 3.31 -8.87	52.67 2.79 0.00	53.44 2.79 0.00	57.04 3.41 0.00	54.82 2.90 0.00	48.48 2.93 -0.01
HUNTLEY___65 23559	51.41 2.77 0.00	43.96 1.78 0.00	40.95 1.70 0.00	39.20 1.33 0.00	40.82 1.54 0.00	53.08 2.27 0.00	49.60 2.13 0.00	50.80 1.55 0.00	47.66 1.27 0.00	37.94 1.48 0.00	40.78 2.18 0.00	45.55 3.18 0.00	51.26 3.64 0.00	57.30 4.49 0.00	51.64 3.83 0.00	54.26 3.86 0.00	50.07 2.71 0.00	50.46 2.71 -0.94	60.75 3.31 -8.87	52.67 2.79 0.00	53.44 2.79 0.00	57.04 3.41 0.00	54.82 2.90 0.00	48.48 2.93 -0.01
HUNTLEY___66 23560	51.41 2.77 0.00	43.96 1.78 0.00	40.95 1.70 0.00	39.20 1.33 0.00	40.82 1.54 0.00	53.08 2.27 0.00	49.60 2.13 0.00	50.80 1.55 0.00	47.66 1.27 0.00	37.94 1.48 0.00	40.78 2.18 0.00	45.55 3.18 0.00	51.26 3.64 0.00	57.30 4.49 0.00	51.64 3.83 0.00	54.26 3.86 0.00	50.07 2.71 0.00	50.46 2.71 -0.94	60.75 3.31 -8.87	52.67 2.79 0.00	53.44 2.79 0.00	57.04 3.41 0.00	54.82 2.90 0.00	48.48 2.93 -0.01
HUNTLEY___67 23561	50.76 2.12 0.00	43.46 1.27 0.00	40.51 1.25 0.00	38.78 0.91 0.00	40.42 1.14 0.00	52.53 1.72 0.00	49.08 1.61 0.00	50.27 1.02 0.00	47.13 0.73 0.00	37.47 1.01 0.00	40.25 1.65 0.00	44.90 2.52 0.00	50.49 2.86 0.00	56.39 3.58 0.00	50.93 3.11 0.00	53.60 3.20 0.00	49.52 2.15 0.00	49.62 2.14 -0.68	58.02 2.74 -6.70	52.14 2.26 0.00	52.86 2.21 0.00	56.46 2.83 0.00	54.15 2.23 0.00	47.85 2.30 -0.01
HUNTLEY___68 23562	50.76 2.12 0.00	43.46 1.27 0.00	40.51 1.25 0.00	38.78 0.91 0.00	40.42 1.14 0.00	52.53 1.72 0.00	49.08 1.61 0.00	50.27 1.02 0.00	47.13 0.73 0.00	37.47 1.01 0.00	40.25 1.65 0.00	44.90 2.52 0.00	50.49 2.86 0.00	56.39 3.58 0.00	50.93 3.11 0.00	53.60 3.20 0.00	49.52 2.15 0.00	49.62 2.14 -0.68	58.02 2.74 -6.70	52.14 2.26 0.00	52.86 2.21 0.00	56.46 2.83 0.00	54.15 2.23 0.00	47.85 2.30 -0.01

HYLAND___LFGE 323620	51.37 2.73 0.00	44.05 1.87 0.00	40.96 1.71 0.00	39.19 1.32 0.00	40.85 1.57 0.00	53.08 2.27 0.00	49.93 2.46 0.00	51.33 2.09 0.00	47.41 1.01 0.00	36.92 0.46 0.00	39.69 1.09 0.00	44.00 1.62 0.00	49.44 1.82 0.00	55.36 2.55 0.00	50.05 2.24 0.00	52.80 2.40 0.00	49.20 1.83 0.00	49.23 2.43 0.00	52.17 3.32 -0.27	53.26 3.38 0.00	54.67 4.02 0.00	58.00 4.37 0.00	55.31 3.39 0.00	48.33 2.79 0.00
INDECK___CORINTH 23802	49.92 1.28 0.00	43.25 1.07 0.00	40.31 1.06 0.00	38.95 1.08 0.00	40.40 1.13 0.00	52.21 1.39 0.00	48.73 1.27 0.00	50.69 1.45 0.00	47.72 1.32 0.00	37.12 0.72 0.05	31.06 0.47 8.01	38.62 0.35 4.11	47.14 0.23 0.71	52.13 0.28 0.96	48.23 0.54 0.12	50.87 0.86 0.39	48.53 1.17 0.00	48.29 1.49 0.00	50.17 1.60 0.00	51.89 2.01 0.00	52.60 1.94 0.00	55.57 1.93 0.00	53.83 1.91 0.00	47.20 1.66 0.00
INDECK___ILION 23567	48.53 -0.12 0.00	42.12 -0.07 0.00	39.17 -0.09 0.00	37.82 -0.05 0.00	39.21 -0.07 0.00	50.73 -0.08 0.00	47.36 -0.11 0.00	49.12 -0.12 0.00	46.20 -0.19 0.00	36.13 -0.32 0.00	38.17 -0.43 0.00	41.84 -0.53 0.00	46.96 -0.67 0.00	52.13 -0.68 0.00	47.34 -0.47 0.00	50.03 -0.37 0.00	47.15 -0.21 0.00	46.90 0.10 0.00	48.67 0.10 0.00	50.02 0.14 0.00	50.92 0.27 0.00	54.03 0.40 0.00	52.35 0.43 0.00	45.86 0.32 0.00
INDECK___OLEAN 23982	49.69 1.04 0.00	42.38 0.19 0.00	39.68 0.43 0.00	37.95 0.08 0.00	39.54 0.26 0.00	50.93 0.12 0.00	48.26 0.79 0.00	49.76 0.52 0.00	46.60 0.20 0.00	36.77 0.31 0.00	39.67 1.07 0.00	44.30 1.92 0.00	49.88 2.26 0.00	55.39 2.58 0.00	50.13 2.31 0.00	52.40 1.99 0.00	48.36 0.99 0.00	48.22 0.87 -0.55	55.03 1.09 -5.36	50.32 0.44 0.00	51.23 0.57 0.00	54.96 1.33 0.00	53.04 1.12 0.00	46.67 1.12 -0.01
INDECK___OSWEGO 23783	47.41 -1.24 0.00	41.34 -0.94 -0.10	38.50 -0.75 0.00	37.10 -0.77 0.00	38.46 -0.82 0.00	51.43 -1.01 -1.62	46.58 -0.91 -0.02	48.29 -0.96 0.00	45.48 -0.92 0.00	35.69 -0.76 0.00	37.67 -0.93 0.00	41.27 -1.11 0.00	46.40 -1.23 0.00	51.52 -1.29 0.00	46.61 -1.20 0.00	49.17 -1.23 0.00	46.25 -1.13 0.00	46.22 -1.01 -0.43	51.03 -1.04 -3.49	54.80 -1.01 -5.93	50.48 -1.03 -0.86	52.54 -1.09 0.00	50.72 -1.20 0.00	44.40 -1.15 0.00
INDECK___YERKES 23781	51.48 2.84 0.00	44.03 1.84 0.00	41.00 1.75 0.00	39.25 1.38 0.00	40.88 1.60 0.00	53.15 2.34 0.00	49.67 2.20 0.00	50.83 1.59 0.00	47.73 1.34 0.00	37.99 1.54 0.00	40.86 2.26 0.00	45.63 3.25 0.00	51.37 3.74 0.00	57.37 4.56 0.00	51.68 3.86 0.00	54.29 3.89 0.00	50.09 2.72 0.00	50.48 2.74 -0.94	60.77 3.32 -8.87	52.67 2.79 0.00	53.52 2.87 0.00	57.11 3.47 0.00	54.89 2.97 0.00	48.54 2.99 -0.01
INDIAN POINT_GT_1 24139	49.72 1.07 0.00	43.38 1.19 0.00	40.27 1.01 0.00	38.77 0.90 0.00	40.13 0.85 0.00	51.85 1.03 0.00	48.67 1.20 0.00	50.64 1.40 0.00	47.97 1.58 0.00	37.84 1.33 -0.06	49.46 1.36 -9.50	48.71 1.46 -4.87	49.90 1.43 -0.84	55.31 1.36 -1.14	49.19 1.22 -0.15	52.00 1.13 -0.46	48.49 1.13 0.00	47.92 1.12 0.00	49.03 0.46 0.00	50.26 0.37 0.00	50.97 0.32 0.00	53.66 0.03 0.00	52.29 0.37 0.00	45.95 0.41 0.00
INDIAN POINT_GT_2 23659	49.72 1.07 0.00	43.38 1.19 0.00	40.27 1.01 0.00	38.77 0.90 0.00	40.13 0.85 0.00	51.85 1.03 0.00	48.67 1.20 0.00	50.64 1.40 0.00	47.97 1.58 0.00	37.84 1.33 -0.06	49.46 1.36 -9.50	48.71 1.46 -4.87	49.90 1.43 -0.84	55.31 1.36 -1.14	49.19 1.22 -0.15	52.00 1.13 -0.46	48.49 1.13 0.00	47.92 1.12 0.00	49.03 0.46 0.00	50.26 0.37 0.00	50.97 0.32 0.00	53.66 0.03 0.00	52.29 0.37 0.00	45.95 0.41 0.00
INDIAN POINT_GT_3 24019	49.72 1.07 0.00	43.38 1.19 0.00	40.27 1.01 0.00	38.77 0.90 0.00	40.13 0.85 0.00	51.85 1.03 0.00	48.67 1.20 0.00	50.64 1.40 0.00	47.97 1.58 0.00	37.84 1.33 -0.06	49.46 1.36 -9.50	48.71 1.46 -4.87	49.90 1.43 -0.84	55.31 1.36 -1.14	49.19 1.22 -0.15	52.00 1.13 -0.46	48.49 1.13 0.00	47.92 1.12 0.00	49.03 0.46 0.00	50.26 0.37 0.00	50.97 0.32 0.00	53.66 0.03 0.00	52.29 0.37 0.00	45.95 0.41 0.00
INDIAN POINT___2 23530	49.83 1.18 0.00	43.47 1.29 0.00	40.35 1.10 0.00	38.85 0.97 0.00	40.21 0.93 0.00	51.95 1.14 0.00	48.79 1.32 0.00	50.80 1.55 0.00	48.15 1.75 0.00	38.00 1.48 -0.06	49.65 1.52 -9.53	48.89 1.63 -4.88	50.04 1.57 -0.85	55.43 1.48 -1.14	49.30 1.34 -0.15	52.08 1.22 -0.46	48.58 1.21 0.00	47.93 1.13 0.00	49.01 0.43 0.00	50.25 0.37 0.00	50.94 0.29 0.00	53.64 0.00 0.00	52.25 0.33 0.00	45.92 0.38 0.00
INDIAN POINT___3 23531	49.54 0.89 0.00	43.19 1.01 0.00	40.11 0.86 0.00	38.62 0.75 0.00	39.98 0.70 0.00	51.65 0.84 0.00	48.50 1.03 0.00	50.45 1.20 0.00	47.77 1.37 0.00	37.67 1.16 -0.06	49.02 1.19 -9.24	48.40 1.29 -4.73	49.72 1.27 -0.82	55.10 1.19 -1.10	49.02 1.06 -0.14	51.83 0.98 -0.45	48.34 0.97 0.00	47.81 1.01 0.00	48.98 0.41 0.00	50.20 0.32 0.00	50.92 0.26 0.00	53.60 -0.03 0.00	52.22 0.30 0.00	45.90 0.36 0.00
INGHAM_C_115KV_TB7 356103	48.19 -0.46 0.00	41.91 -0.28 0.00	38.95 -0.31 0.00	37.63 -0.24 0.00	39.02 -0.26 0.00	50.49 -0.33 0.00	47.08 -0.38 0.00	48.79 -0.46 0.00	45.73 -0.66 0.00	35.49 -0.97 0.00	37.31 -1.29 0.00	40.80 -1.58 0.00	45.69 -1.93 0.00	50.87 -1.94 0.00	46.39 -1.43 0.00	49.16 -1.24 0.00	46.45 -0.92 0.00	46.63 -0.17 0.00	48.46 -0.12 0.00	49.84 -0.04 0.00	50.98 0.33 0.00	54.37 0.73 0.00	52.71 0.79 0.00	46.16 0.62 0.00
IP CORINTH___1 23988	50.22 1.57 0.00	43.50 1.31 0.00	40.53 1.28 0.00	39.16 1.29 0.00	40.63 1.35 0.00	52.48 1.66 0.00	49.02 1.56 0.00	50.99 1.74 0.00	48.00 1.60 0.00	37.34 0.93 0.05	31.30 0.70 8.01	38.88 0.61 4.11	47.43 0.52 0.71	52.45 0.60 0.96	48.52 0.83 0.12	51.18 1.16 0.39	48.82 1.45 0.00	48.58 1.78 0.00	50.47 1.89 0.00	52.18 2.30 0.00	52.90 2.25 0.00	55.89 2.26 0.00	54.15 2.22 0.00	47.48 1.93 0.00
IP___TICONDEROGA 23804	52.69 4.05 0.00	45.46 3.27 0.00	42.27 3.01 0.00	40.91 3.04 0.00	42.58 3.30 0.00	54.79 3.98 0.00	51.56 4.10 0.00	53.62 4.37 0.00	50.23 3.84 0.00	38.67 2.27 0.05	32.82 2.43 8.21	40.80 2.63 4.21	49.58 2.69 0.73	54.83 3.00 0.98	51.04 3.35 0.13	53.83 3.83 0.40	51.60 4.24 0.00	51.78 4.98 0.00	54.10 5.53 0.00	55.72 5.84 0.00	56.53 5.88 0.00	59.65 6.01 0.00	57.99 6.06 0.00	51.19 5.65 0.00
ISLIP_RES_REC 323679	46.80 1.40 3.25	44.13 1.94 0.00	40.61 1.36 0.00	39.08 1.20 0.00	40.61 1.33 0.00	52.34 1.53 0.00	49.05 1.58 0.00	50.68 1.44 0.00	48.30 1.91 0.00	38.42 1.91 -0.06	49.88 1.75 -9.54	43.68 1.21 -0.10	44.01 1.26 4.87	44.37 1.13 9.57	43.74 1.15 5.22	48.41 1.15 3.14	45.58 1.30 3.09	35.01 1.23 13.02	34.35 0.56 14.79	15.71 0.59 34.76	22.26 1.00 29.39	19.49 0.06 34.21	42.53 0.30 9.69	44.23 0.38 1.70

JAMAICA__27_KV_LOAD 355505	50.29 1.65 0.00	43.86 1.68 0.00	40.70 1.44 0.00	39.17 1.30 0.00	40.51 1.23 0.00	52.31 1.49 0.00	49.15 1.69 0.00	51.26 2.01 0.00	48.62 2.22 0.00	38.34 1.83 -0.06	49.90 1.77 -9.53	49.21 1.95 -4.88	50.33 1.87 -0.85	55.64 1.69 -1.14	49.51 1.54 -0.15	52.25 1.38 -0.46	48.76 1.39 0.00	48.10 1.30 0.00	49.06 0.49 0.00	50.36 0.37 -0.11	59.52 0.17 -8.70	54.28 -0.08 -0.72	52.47 0.54 0.00	46.22 0.68 0.00
JANIS__SOLAR 323808	51.17 2.52 0.00	44.06 1.86 -0.02	40.93 1.68 0.00	39.34 1.47 0.00	40.82 1.54 0.00	53.29 2.14 -0.33	49.64 2.17 0.00	51.42 2.18 0.00	48.09 1.69 0.00	37.57 1.12 0.00	39.81 1.21 0.00	43.86 1.49 0.00	49.60 1.97 0.00	55.25 2.44 0.00	49.95 2.13 0.00	52.71 2.30 0.00	49.68 2.31 0.00	49.41 2.53 -0.09	52.19 2.90 -0.72	54.49 3.39 -1.22	54.28 3.45 -0.18	57.08 3.45 0.00	54.88 2.96 0.00	47.83 2.29 0.00
JARVIS____ 23743	48.60 -0.05 0.00	42.16 -0.03 0.00	39.21 -0.04 0.00	37.85 -0.02 0.00	39.25 -0.03 0.00	50.76 -0.05 0.00	47.42 -0.05 0.00	49.21 -0.03 0.00	46.40 0.00 0.00	36.42 -0.03 0.00	38.57 -0.03 0.00	42.33 -0.05 0.00	47.55 -0.07 0.00	52.70 -0.10 0.00	47.74 -0.07 0.00	50.35 -0.05 0.00	47.36 0.00 0.00	46.83 0.03 0.00	48.55 -0.02 0.00	49.87 -0.01 0.00	50.63 -0.03 0.00	53.56 -0.07 0.00	51.87 -0.05 0.00	45.48 -0.06 0.00
JENNISON____1 23625	51.18 2.54 0.00	44.11 1.91 -0.02	41.01 1.75 0.00	39.43 1.55 0.00	40.96 1.69 0.00	53.32 2.27 -0.24	49.73 2.27 0.00	51.62 2.37 0.00	48.52 2.12 0.00	38.07 1.61 0.00	40.45 1.85 0.00	44.52 2.15 0.00	50.14 2.52 0.00	55.88 3.08 0.00	50.46 2.64 0.00	53.17 2.77 0.00	50.01 2.64 0.00	49.80 2.93 -0.06	52.14 3.05 -0.52	53.96 3.20 -0.88	54.01 3.23 -0.13	56.79 3.15 0.00	54.73 2.81 0.00	47.72 2.17 0.00
JENNISON____2 23626	51.18 2.54 0.00	44.11 1.91 -0.02	41.01 1.75 0.00	39.43 1.55 0.00	40.96 1.69 0.00	53.32 2.27 -0.24	49.73 2.27 0.00	51.62 2.37 0.00	48.52 2.12 0.00	38.07 1.61 0.00	40.45 1.85 0.00	44.52 2.15 0.00	50.14 2.52 0.00	55.88 3.08 0.00	50.46 2.64 0.00	53.17 2.77 0.00	50.01 2.64 0.00	49.80 2.93 -0.06	52.14 3.05 -0.52	53.96 3.20 -0.88	54.01 3.23 -0.13	56.79 3.15 0.00	54.73 2.81 0.00	47.72 2.17 0.00
JERICOHO_RISE_WT_PWR 323719	48.84 0.19 0.00	42.43 0.24 0.00	39.47 0.21 0.00	38.09 0.22 0.00	39.56 0.28 0.00	51.29 0.48 0.00	47.94 0.47 0.00	49.61 0.36 0.00	46.59 0.19 0.00	36.62 0.16 0.00	38.64 0.04 0.00	42.27 -0.10 0.00	47.63 0.00 0.00	52.86 0.05 0.00	47.84 0.03 0.00	50.41 0.01 0.00	47.32 -0.05 0.00	46.61 -0.19 0.00	48.73 0.16 0.00	50.19 0.31 0.00	51.09 0.44 0.00	54.34 0.70 0.00	52.42 0.50 0.00	46.00 0.45 0.00
KATONAH__115KV_46KV_TB4 355592	49.91 1.27 0.00	43.52 1.34 0.00	40.41 1.16 0.00	38.90 1.03 0.00	40.28 1.00 0.00	52.03 1.22 0.00	48.83 1.37 0.00	50.84 1.60 0.00	48.17 1.77 0.00	38.01 1.50 -0.06	49.63 1.56 -9.47	48.92 1.69 -4.85	50.19 1.73 -0.84	55.60 1.67 -1.13	49.47 1.51 -0.15	52.28 1.42 -0.46	48.74 1.37 0.00	48.22 1.41 0.00	49.39 0.82 0.00	50.59 0.71 0.00	51.28 0.63 0.00	53.98 0.34 0.00	52.57 0.65 0.00	46.19 0.64 0.00
KCE_NY_1 323755	50.22 1.58 0.00	43.56 1.37 0.00	40.55 1.30 0.00	39.17 1.30 0.00	40.69 1.41 0.00	52.63 1.82 0.00	49.11 1.64 0.00	51.03 1.78 0.00	48.04 1.64 0.00	37.50 1.10 0.05	31.10 0.99 8.49	38.98 0.96 4.35	47.83 0.96 0.76	52.98 1.19 1.01	48.85 1.17 0.13	51.41 1.42 0.41	48.95 1.58 0.00	48.54 1.74 0.00	50.44 1.87 0.00	51.87 1.99 0.00	52.57 1.92 0.00	55.45 1.82 0.00	53.77 1.85 0.00	47.13 1.59 0.00
KCE_NY_6_ESR 323823	51.60 2.96 0.00	44.11 1.93 0.00	41.10 1.85 0.00	39.31 1.44 0.00	40.95 1.67 0.00	53.29 2.47 0.00	49.81 2.34 0.00	51.06 1.82 0.00	47.90 1.50 0.00	38.10 1.65 0.00	40.98 2.38 0.00	45.72 3.34 0.00	51.44 3.81 0.00	57.47 4.66 0.00	51.92 4.10 0.00	54.66 4.26 0.00	50.55 3.19 0.00	50.77 3.21 -0.75	59.63 3.80 -7.25	53.24 3.36 0.00	53.98 3.32 0.00	57.55 3.92 0.00	55.08 3.16 0.00	48.57 3.02 -0.01
KEDC PORT_JEFF_GT2 24210	46.34 0.97 3.28	43.78 1.59 0.00	40.30 1.04 0.00	38.81 0.93 0.00	40.37 1.10 0.00	52.02 1.20 0.00	48.73 1.27 0.00	50.34 1.10 0.00	48.01 1.62 0.00	38.18 1.67 -0.06	49.60 1.47 -9.54	43.30 0.87 -0.06	43.55 0.85 4.92	43.89 0.75 9.67	43.33 0.78 5.27	47.93 0.71 3.18	44.96 0.71 3.12	34.33 0.67 13.14	33.78 0.13 14.92	14.97 0.16 35.07	21.51 0.56 29.71	18.74 -0.38 34.52	42.06 -0.08 9.78	43.91 0.08 1.71
KEDC PORT_JEFF_GT3 24211	46.34 0.97 3.28	43.78 1.59 0.00	40.30 1.04 0.00	38.81 0.93 0.00	40.37 1.10 0.00	52.02 1.20 0.00	48.73 1.27 0.00	50.34 1.10 0.00	48.01 1.62 0.00	38.18 1.67 -0.06	49.60 1.47 -9.54	43.30 0.87 -0.06	43.55 0.85 4.92	43.89 0.75 9.67	43.33 0.78 5.27	47.93 0.71 3.18	44.96 0.71 3.12	34.33 0.67 13.14	33.78 0.13 14.92	14.97 0.16 35.07	21.51 0.56 29.71	18.74 -0.38 34.52	42.06 -0.08 9.78	43.91 0.08 1.71
KEDC_GLWD_GT4 24219	49.26 1.57 0.95	43.94 1.76 0.00	40.67 1.42 0.00	39.14 1.26 0.00	40.55 1.27 0.00	52.37 1.56 0.00	49.16 1.70 0.00	51.08 1.84 0.00	48.54 2.14 0.00	38.41 1.90 -0.06	50.07 1.93 -9.54	48.34 1.91 -4.06	49.12 1.93 0.44	53.98 1.92 0.75	48.48 1.72 1.05	51.09 1.27 0.59	47.72 1.25 0.90	44.21 1.21 3.80	44.51 0.46 4.53	39.48 0.35 10.74	45.59 0.44 5.50	43.44 0.12 10.31	49.53 0.62 3.01	45.72 0.70 0.52
KEDC_GLWD_GT5 24220	49.26 1.57 0.95	43.94 1.76 0.00	40.67 1.42 0.00	39.14 1.26 0.00	40.55 1.27 0.00	52.37 1.56 0.00	49.16 1.70 0.00	51.08 1.84 0.00	48.54 2.14 0.00	38.41 1.90 -0.06	50.07 1.93 -9.54	48.34 1.91 -4.06	49.12 1.93 0.44	53.98 1.92 0.75	48.48 1.72 1.05	51.09 1.27 0.59	47.72 1.25 0.90	44.21 1.21 3.80	44.51 0.46 4.53	39.48 0.35 10.74	45.59 0.44 5.50	43.44 0.12 10.31	49.53 0.62 3.01	45.72 0.70 0.52
KENSICO____ 23655	49.81 1.16 0.00	43.46 1.27 0.00	40.33 1.08 0.00	38.83 0.95 0.00	40.20 0.92 0.00	51.95 1.14 0.00	48.77 1.30 0.00	50.76 1.52 0.00	48.11 1.72 0.00	37.97 1.46 -0.06	49.61 1.49 -9.52	48.85 1.60 -4.88	50.04 1.57 -0.85	55.42 1.47 -1.14	49.29 1.32 -0.15	52.08 1.21 -0.46	48.57 1.20 0.00	48.00 1.20 0.00	49.13 0.56 0.00	50.34 0.45 0.00	51.02 0.37 0.00	53.70 0.07 0.00	52.35 0.43 0.00	46.04 0.50 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.23 1.58 0.00	43.66 1.47 0.00	40.52 1.27 0.00	39.02 1.14 0.00	40.39 1.12 0.00	52.20 1.39 0.00	49.00 1.53 0.00	50.98 1.74 0.00	48.23 1.84 0.00	38.01 1.52 -0.04	45.84 1.59 -5.65	47.09 1.83 -2.90	50.02 1.89 -0.50	55.46 1.98 -0.68	49.35 1.45 -0.09	51.97 1.29 -0.28	48.79 1.42 0.00	48.38 1.58 0.00	49.72 1.14 0.00	51.07 1.19 0.00	52.16 1.51 0.00	54.87 1.23 0.00	53.25 1.33 0.00	46.66 1.12 0.00

KIAC_JFK_GT1 23816	49.94 1.29 0.00	43.57 1.39 0.00	40.43 1.18 0.00	38.92 1.05 0.00	40.25 0.97 0.00	51.97 1.15 0.00	48.83 1.36 0.00	50.92 1.68 0.00	48.30 1.90 0.00	38.05 1.54 -0.06	49.51 1.38 -9.53	48.77 1.52 -4.88	49.83 1.36 -0.85	55.08 1.13 -1.14	49.00 1.04 -0.15	51.72 0.85 -0.46	48.26 0.89 0.00	47.62 0.82 0.00	48.55 -0.02 0.00	49.85 -0.14 -0.11	58.98 -0.37 -8.70	53.70 -0.66 -0.72	51.94 0.02 0.00	45.91 0.37 0.00
KIAC_JFK_GT2 23817	49.94 1.29 0.00	43.57 1.39 0.00	40.43 1.18 0.00	38.92 1.05 0.00	40.25 0.97 0.00	51.97 1.15 0.00	48.83 1.36 0.00	50.92 1.68 0.00	48.30 1.90 0.00	38.05 1.54 -0.06	49.51 1.38 -9.53	48.77 1.52 -4.88	49.83 1.36 -0.85	55.08 1.13 -1.14	49.00 1.04 -0.15	51.72 0.85 -0.46	48.26 0.89 0.00	47.62 0.82 0.00	48.55 -0.02 0.00	49.85 -0.14 -0.11	58.98 -0.37 -8.70	53.70 -0.66 -0.72	51.94 0.02 0.00	45.91 0.37 0.00
KIAC_JFK____ 323774	49.93 1.29 0.00	43.57 1.39 0.00	40.43 1.18 0.00	38.92 1.05 0.00	40.25 0.97 0.00	51.97 1.16 0.00	48.83 1.36 0.00	50.92 1.68 0.00	48.30 1.90 0.00	38.05 1.54 -0.06	49.52 1.39 -9.53	48.78 1.52 -4.88	49.83 1.36 -0.85	55.08 1.13 -1.14	49.00 1.04 -0.15	51.72 0.85 -0.46	48.26 0.89 0.00	47.61 0.82 0.00	48.55 -0.02 0.00	49.86 -0.13 -0.11	58.97 -0.38 -8.70	53.69 -0.67 -0.72	51.93 0.01 0.00	45.91 0.37 0.00
KINTIGH__24_KV_GSU 356498	50.10 1.45 0.00	43.00 0.81 0.00	40.08 0.83 0.00	38.44 0.57 0.00	40.02 0.74 0.00	52.02 1.21 0.00	48.59 1.12 0.00	49.79 0.54 0.00	46.74 0.34 0.00	37.08 0.63 0.00	39.80 1.20 0.00	44.29 1.91 0.00	49.85 2.23 0.00	55.63 2.82 0.00	50.25 2.44 0.00	52.83 2.43 0.00	48.90 1.53 0.00	48.73 1.53 -0.40	55.15 2.08 -4.50	51.52 1.64 0.00	52.29 1.64 0.00	55.78 2.14 0.00	53.57 1.65 0.00	47.31 1.76 -0.01
KINTIGH____ 23543	50.06 1.42 0.00	42.97 0.78 0.00	40.05 0.80 0.00	38.41 0.54 0.00	39.99 0.71 0.00	51.96 1.15 0.00	48.55 1.09 0.00	49.77 0.52 0.00	46.70 0.30 0.00	37.05 0.60 0.00	39.74 1.14 0.00	44.25 1.87 0.00	49.79 2.17 0.00	55.59 2.78 0.00	50.21 2.39 0.00	52.79 2.38 0.00	48.85 1.49 0.00	48.68 1.48 -0.40	55.11 2.04 -4.50	51.48 1.60 0.00	52.19 1.54 0.00	55.69 2.05 0.00	53.52 1.60 0.00	47.27 1.72 -0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	48.95 0.31 0.00	42.62 0.43 0.00	39.65 0.40 0.00	38.25 0.38 0.00	39.73 0.45 0.00	51.53 0.71 0.00	48.18 0.72 0.00	49.84 0.59 0.00	46.71 0.32 0.00	36.69 0.23 0.00	38.69 0.09 0.00	42.23 -0.14 0.00	47.58 -0.04 0.00	52.80 0.00 0.00	47.82 0.00 0.00	50.39 -0.02 0.00	47.32 -0.05 0.00	46.66 -0.14 0.00	48.87 0.29 0.00	50.44 0.56 0.00	51.40 0.75 0.00	54.65 1.02 0.00	52.67 0.75 0.00	46.17 0.62 0.00
LACHUTE____HYDRO 323717	52.69 4.05 0.00	45.46 3.27 0.00	42.27 3.01 0.00	40.91 3.04 0.00	42.58 3.30 0.00	54.79 3.98 0.00	51.56 4.10 0.00	53.62 4.37 0.00	50.23 3.84 0.00	38.67 2.27 0.05	32.82 2.43 8.21	40.80 2.64 4.21	49.58 2.69 0.73	54.83 3.00 0.98	51.04 3.35 0.13	53.83 3.83 0.40	51.60 4.24 0.00	51.78 4.99 0.00	54.10 5.53 0.00	55.71 5.83 0.00	56.53 5.88 0.00	59.64 6.01 0.00	57.98 6.06 0.00	51.19 5.64 0.00
LAWRNCALV_115KV_TB1 80681	50.17 1.53 0.00	43.50 1.31 0.00	40.44 1.18 0.00	38.98 1.10 0.00	40.44 1.16 0.00	52.43 1.61 0.00	48.97 1.50 0.00	50.61 1.36 0.00	47.34 0.94 0.00	37.09 0.64 0.00	39.15 0.55 0.00	42.92 0.54 0.00	48.31 0.68 0.00	53.60 0.79 0.00	48.50 0.68 0.00	51.13 0.73 0.00	47.68 0.32 0.00	47.14 0.34 0.00	49.12 0.55 0.00	50.80 0.92 0.00	51.79 1.14 0.00	55.76 2.12 0.00	54.00 2.08 0.00	47.29 1.75 0.00
LEDERLE____ 23769	49.75 1.11 0.00	43.36 1.17 0.00	40.26 1.01 0.00	38.77 0.89 0.00	40.11 0.83 0.00	51.85 1.04 0.00	48.70 1.24 0.00	50.64 1.40 0.00	47.94 1.54 0.00	37.80 1.29 -0.06	48.56 1.36 -8.60	48.32 1.54 -4.41	50.01 1.62 -0.77	55.46 1.62 -1.03	49.38 1.43 -0.13	52.24 1.42 -0.42	48.73 1.36 0.00	48.23 1.43 0.00	49.40 0.83 0.00	50.67 0.78 0.00	51.40 0.75 0.00	54.09 0.45 0.00	52.63 0.70 0.00	46.20 0.65 0.00
LIGHTHSE_115KV_TB6 355974	49.23 0.59 0.00	42.64 0.41 -0.05	39.65 0.40 0.00	38.15 0.28 0.00	39.54 0.26 0.00	52.14 0.51 -0.82	47.97 0.49 -0.01	49.71 0.46 0.00	46.68 0.28 0.00	36.58 0.13 0.00	38.69 0.09 0.00	42.41 0.04 0.00	47.69 0.07 0.00	52.95 0.14 0.00	47.71 -0.11 0.00	50.47 0.07 0.00	47.47 0.10 0.00	47.46 0.44 -0.22	50.93 0.59 -1.76	53.88 1.01 -2.99	52.29 1.21 -0.43	54.94 1.30 0.00	53.00 1.08 0.00	46.13 0.59 0.00
LINDEN COGEN____ 23786	49.71 1.07 0.00	43.43 1.24 0.00	40.29 1.04 0.00	38.77 0.89 0.00	40.11 0.83 0.00	51.79 0.98 0.00	48.72 1.26 0.00	50.75 1.50 0.00	48.16 1.76 0.00	38.04 1.53 -0.06	49.70 1.57 -9.53	48.96 1.70 -4.88	50.06 1.59 -0.85	55.35 1.41 -1.14	49.28 1.32 -0.15	51.99 1.13 -0.46	48.54 1.18 0.00	47.98 1.19 0.00	48.97 0.39 0.00	50.06 0.18 0.00	50.56 -0.09 0.00	53.20 -0.44 0.00	51.45 0.04 0.51	45.77 0.23 0.00
LINDHRST_69_KV_BK1 356055	47.63 1.76 2.77	44.36 2.17 0.00	40.90 1.64 0.00	39.32 1.45 0.00	40.81 1.54 0.00	52.63 1.82 0.00	49.32 1.85 0.00	51.01 1.77 0.00	48.65 2.25 0.00	38.63 2.12 -0.06	50.02 1.89 -9.54	44.61 1.42 -0.82	45.07 1.48 4.02	46.27 1.44 7.97	44.73 1.34 4.42	49.06 1.28 2.61	46.09 1.36 2.64	36.99 1.30 11.11	36.49 0.62 12.71	20.61 0.65 29.92	27.03 1.03 24.65	24.48 0.24 29.39	44.23 0.65 8.34	44.78 0.70 1.46
LIPA_MISC_IPP 23656	46.11 0.77 3.30	43.63 1.44 0.00	40.15 0.90 0.00	38.63 0.75 0.00	40.13 0.85 0.00	51.70 0.88 0.00	48.46 0.99 0.00	50.04 0.80 0.00	47.73 1.33 0.00	37.97 1.45 -0.06	49.36 1.22 -9.54	43.01 0.60 -0.04	43.19 0.52 4.95	43.48 0.39 9.72	43.03 0.51 5.29	47.62 0.41 3.19	44.80 0.57 3.13	34.14 0.54 13.20	33.44 -0.15 14.98	14.59 -0.07 35.21	21.21 0.40 29.84	18.42 -0.55 34.66	41.80 -0.30 9.82	43.66 -0.17 1.72
LISF____SOLAR 323691	46.23 0.87 3.29	43.71 1.53 0.00	40.22 0.97 0.00	38.69 0.82 0.00	40.20 0.92 0.00	51.80 0.99 0.00	48.54 1.08 0.00	50.14 0.90 0.00	47.83 1.44 0.00	38.04 1.53 -0.06	49.46 1.32 -9.54	43.05 0.63 -0.04	43.20 0.52 4.94	43.57 0.46 9.70	43.11 0.58 5.28	47.73 0.51 3.19	44.91 0.66 3.13	34.27 0.64 13.18	33.55 -0.06 14.96	14.74 0.02 35.16	21.30 0.44 29.79	18.53 -0.50 34.60	41.90 -0.22 9.80	43.75 -0.07 1.71
LITTLE FALLS____HYD 24013	48.19 -0.46 0.00	41.91 -0.28 0.00	38.95 -0.31 0.00	37.63 -0.24 0.00	39.02 -0.26 0.00	50.49 -0.33 0.00	47.08 -0.38 0.00	48.79 -0.46 0.00	45.73 -0.66 0.00	35.49 -0.97 0.00	37.31 -1.29 0.00	40.80 -1.58 0.00	45.69 -1.93 0.00	50.87 -1.94 0.00	46.39 -1.43 0.00	49.16 -1.24 0.00	46.45 -0.92 0.00	46.63 -0.17 0.00	48.46 -0.12 0.00	49.84 -0.04 0.00	50.98 0.33 0.00	54.37 0.73 0.00	52.71 0.79 0.00	46.16 0.62 0.00

LITTLRIV_115KV_TB1 356100	50.96 2.32 0.00	44.17 1.98 0.00	41.05 1.80 0.00	39.57 1.69 0.00	41.06 1.79 0.00	53.26 2.45 0.00	49.74 2.28 0.00	51.31 2.07 0.00	47.74 1.34 0.00	37.27 0.82 0.00	39.28 0.68 0.00	43.04 0.67 0.00	48.44 0.82 0.00	53.74 0.93 0.00	48.64 0.83 0.00	51.26 0.86 0.00	47.79 0.42 0.00	47.43 0.63 0.00	49.64 1.07 0.00	51.63 1.75 0.00	52.84 2.18 0.00	56.88 3.25 0.00	54.99 3.07 0.00	48.10 2.56 0.00
LI_NEWBRDGE___DRP 323616	46.16 1.10 3.58	43.76 1.58 0.00	40.37 1.12 0.00	38.86 0.98 0.00	40.29 1.01 0.00	51.98 1.17 0.00	48.72 1.25 0.00	50.44 1.20 0.00	48.02 1.62 0.00	38.07 1.56 -0.06	49.52 1.38 -9.54	43.01 1.03 0.40	43.13 0.97 5.46	42.96 0.84 10.69	42.82 0.78 5.77	47.51 0.61 3.51	44.67 0.71 3.40	33.13 0.67 14.34	32.31 -0.02 16.24	11.68 -0.06 38.15	16.67 0.22 34.21	15.45 -0.51 37.68	41.24 -0.05 10.63	43.85 0.16 1.86
LOCKPORT_115KV_TB60_63_64 80432	50.80 2.15 0.00	43.54 1.36 0.00	40.56 1.31 0.00	38.85 0.98 0.00	40.47 1.19 0.00	52.63 1.82 0.00	49.18 1.71 0.00	50.31 1.07 0.00	47.17 0.78 0.00	37.50 1.05 0.00	40.26 1.66 0.00	44.90 2.52 0.00	50.51 2.89 0.00	56.47 3.66 0.00	50.89 3.08 0.00	53.49 3.08 0.00	49.39 2.02 0.00	50.20 2.05 -1.35	63.55 2.68 -12.30	52.04 2.16 0.00	52.84 2.19 0.00	56.45 2.82 0.00	54.16 2.24 0.00	47.90 2.34 -0.01
LOCKPORT___CC1 323769	50.69 2.05 0.00	43.49 1.30 0.00	40.52 1.27 0.00	38.81 0.94 0.00	40.43 1.15 0.00	52.59 1.78 0.00	49.13 1.67 0.00	50.23 0.99 0.00	47.11 0.71 0.00	37.46 1.00 0.00	40.23 1.63 0.00	44.85 2.47 0.00	50.47 2.84 0.00	56.38 3.57 0.00	50.83 3.01 0.00	53.44 3.03 0.00	49.34 1.97 0.00	50.06 2.01 -1.25	62.68 2.62 -11.49	51.98 2.11 0.00	52.85 2.20 0.00	56.45 2.82 0.00	54.14 2.22 0.00	47.85 2.30 -0.01
LOCKPORT___CC2 323770	50.69 2.05 0.00	43.49 1.30 0.00	40.52 1.27 0.00	38.81 0.94 0.00	40.43 1.15 0.00	52.59 1.78 0.00	49.13 1.67 0.00	50.23 0.99 0.00	47.11 0.71 0.00	37.46 1.00 0.00	40.23 1.63 0.00	44.85 2.47 0.00	50.47 2.84 0.00	56.38 3.57 0.00	50.83 3.01 0.00	53.44 3.03 0.00	49.34 1.97 0.00	50.06 2.01 -1.25	62.68 2.62 -11.49	51.98 2.11 0.00	52.85 2.20 0.00	56.45 2.82 0.00	54.14 2.22 0.00	47.85 2.30 -0.01
LOCKPORT___CC3 323771	50.69 2.05 0.00	43.49 1.30 0.00	40.52 1.27 0.00	38.81 0.94 0.00	40.43 1.15 0.00	52.59 1.78 0.00	49.13 1.67 0.00	50.23 0.99 0.00	47.11 0.71 0.00	37.46 1.00 0.00	40.23 1.63 0.00	44.85 2.47 0.00	50.47 2.84 0.00	56.38 3.57 0.00	50.83 3.01 0.00	53.44 3.03 0.00	49.34 1.97 0.00	50.06 2.01 -1.25	62.68 2.62 -11.49	51.98 2.11 0.00	52.85 2.20 0.00	56.45 2.82 0.00	54.14 2.22 0.00	47.85 2.30 -0.01
LOCUSVLY_69_KV_BK2 55797	48.69 1.60 1.56	44.10 1.91 0.00	40.73 1.48 0.00	39.18 1.31 0.00	40.62 1.34 0.00	52.42 1.60 0.00	49.19 1.72 0.00	51.01 1.77 0.00	48.55 2.15 0.00	38.48 1.97 -0.06	50.03 1.89 -9.54	47.15 1.76 -3.01	47.84 1.84 1.61	51.51 1.80 3.10	47.30 1.64 2.16	50.51 1.37 1.26	47.23 1.35 1.48	41.84 1.28 6.24	41.88 0.55 7.25	33.23 0.48 17.13	38.18 0.70 13.17	37.01 0.13 16.76	47.71 0.57 4.78	45.37 0.66 0.83
LONG_LAKE_PHOENIX 24014	47.98 -0.67 0.00	41.59 -0.67 -0.07	38.66 -0.59 0.00	37.28 -0.60 0.00	38.66 -0.62 0.00	51.28 -0.76 -1.23	46.80 -0.68 -0.02	48.54 -0.70 0.00	45.75 -0.65 0.00	35.95 -0.50 0.00	38.11 -0.49 0.00	41.92 -0.45 0.00	47.15 -0.47 0.00	52.37 -0.44 0.00	47.43 -0.38 0.00	50.04 -0.36 0.00	47.04 -0.33 0.00	46.87 -0.26 -0.33	50.97 -0.25 -2.65	54.11 -0.28 -4.51	50.97 -0.33 -0.65	53.24 -0.39 0.00	51.34 -0.58 0.00	44.95 -0.60 0.00
LOVETT___3 23632	49.42 0.77 0.00	43.09 0.91 0.00	40.03 0.77 0.00	38.55 0.67 0.00	39.89 0.61 0.00	51.54 0.73 0.00	48.38 0.92 0.00	50.32 1.07 0.00	47.64 1.24 0.00	37.56 1.05 -0.06	48.44 1.08 -8.76	48.05 1.19 -4.49	49.58 1.18 -0.78	54.96 1.11 -1.05	48.93 0.98 -0.14	51.73 0.90 -0.43	48.25 0.88 0.00	47.76 0.96 0.00	48.90 0.33 0.00	50.15 0.27 0.00	50.87 0.22 0.00	53.55 -0.08 0.00	52.16 0.24 0.00	45.83 0.29 0.00
LOVETT___4 23642	49.42 0.77 0.00	43.09 0.91 0.00	40.03 0.77 0.00	38.55 0.67 0.00	39.89 0.61 0.00	51.54 0.73 0.00	48.38 0.92 0.00	50.32 1.07 0.00	47.64 1.24 0.00	37.56 1.05 -0.06	48.44 1.08 -8.76	48.05 1.19 -4.49	49.58 1.18 -0.78	54.96 1.11 -1.05	48.93 0.98 -0.14	51.73 0.90 -0.43	48.25 0.88 0.00	47.76 0.96 0.00	48.90 0.33 0.00	50.15 0.27 0.00	50.87 0.22 0.00	53.55 -0.08 0.00	52.16 0.24 0.00	45.83 0.29 0.00
LOVETT___5 23593	49.42 0.77 0.00	43.09 0.91 0.00	40.03 0.77 0.00	38.55 0.67 0.00	39.89 0.61 0.00	51.54 0.73 0.00	48.38 0.92 0.00	50.32 1.07 0.00	47.64 1.24 0.00	37.56 1.05 -0.06	48.44 1.08 -8.76	48.05 1.19 -4.49	49.58 1.18 -0.78	54.96 1.11 -1.05	48.93 0.98 -0.14	51.73 0.90 -0.43	48.25 0.88 0.00	47.76 0.96 0.00	48.90 0.33 0.00	50.15 0.27 0.00	50.87 0.22 0.00	53.55 -0.08 0.00	52.16 0.24 0.00	45.83 0.29 0.00
LOWER RAQUET___HYD 24057	50.31 1.66 0.00	43.60 1.41 0.00	40.53 1.28 0.00	39.05 1.18 0.00	40.53 1.26 0.00	52.55 1.74 0.00	49.09 1.62 0.00	50.73 1.49 0.00	47.40 1.01 0.00	37.13 0.68 0.00	39.17 0.57 0.00	42.95 0.58 0.00	48.34 0.71 0.00	53.63 0.82 0.00	48.53 0.71 0.00	51.15 0.75 0.00	47.68 0.32 0.00	47.16 0.36 0.00	49.12 0.54 0.00	50.85 0.97 0.00	51.81 1.16 0.00	55.92 2.29 0.00	54.17 2.25 0.00	47.42 1.88 0.00
LOWER___HUDSON 24059	49.33 0.69 0.00	42.92 0.73 0.00	39.92 0.67 0.00	38.58 0.71 0.00	40.01 0.73 0.00	51.72 0.91 0.00	48.26 0.79 0.00	50.20 0.96 0.00	47.28 0.89 0.00	36.94 0.56 0.07	28.13 0.51 10.98	37.12 0.37 5.62	46.95 0.30 0.98	51.75 0.25 1.31	47.89 0.25 0.17	50.25 0.38 0.54	47.90 0.53 0.00	47.46 0.66 0.00	49.11 0.53 0.00	50.37 0.49 0.00	51.14 0.49 0.00	54.04 0.41 0.00	52.54 0.62 0.00	46.14 0.60 0.00
LOWVILLE_115KV_TB2 356335	51.43 2.79 0.00	44.45 2.25 -0.02	41.31 2.06 0.00	39.70 1.83 0.00	41.09 1.81 0.00	53.76 2.69 -0.26	49.87 2.41 0.00	51.69 2.45 0.00	48.32 1.92 0.00	37.71 1.25 0.00	39.80 1.20 0.00	43.56 1.19 0.00	48.99 1.37 0.00	54.31 1.50 0.00	48.88 1.07 0.00	52.24 1.83 0.00	48.96 1.59 0.00	49.03 2.16 -0.07	51.58 2.44 -0.57	54.32 3.49 -0.96	54.63 3.84 -0.14	57.82 4.18 0.00	55.57 3.65 0.00	48.13 2.59 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	50.23 1.59 0.00	43.58 1.40 0.00	40.56 1.31 0.00	39.18 1.30 0.00	40.66 1.38 0.00	52.57 1.76 0.00	49.08 1.61 0.00	51.01 1.76 0.00	48.02 1.62 0.00	37.47 1.07 0.05	31.10 0.99 8.49	38.96 0.94 4.35	47.80 0.94 0.76	52.88 1.09 1.01	48.82 1.14 0.13	51.37 1.38 0.41	48.91 1.55 0.00	48.54 1.74 0.00	50.37 1.79 0.00	51.79 1.91 0.00	52.53 1.87 0.00	55.44 1.81 0.00	53.76 1.84 0.00	47.15 1.61 0.00

LUTHERNY_35_KV_BK2 355980	50.22 1.58 0.00	43.56 1.37 0.00	40.55 1.30 0.00	39.17 1.30 0.00	40.69 1.41 0.00	52.63 1.82 0.00	49.11 1.64 0.00	51.03 1.78 0.00	48.04 1.64 0.00	37.50 1.10 0.05	31.10 0.99 8.49	38.98 0.95 4.35	47.83 0.96 0.76	52.98 1.19 1.01	48.85 1.17 0.13	51.40 1.42 0.41	48.95 1.58 0.00	48.54 1.74 0.00	50.44 1.87 0.00	51.87 1.99 0.00	52.57 1.91 0.00	55.46 1.83 0.00	53.77 1.85 0.00	47.14 1.59 0.00
LWR___OSWEGATCHIE_HYD 23850	50.68 2.04 0.00	43.89 1.69 -0.01	40.79 1.53 0.00	39.26 1.39 0.00	40.70 1.42 0.00	53.03 2.05 -0.17	49.35 1.88 0.00	51.04 1.79 0.00	47.70 1.30 0.00	37.31 0.86 0.00	39.36 0.76 0.00	43.10 0.72 0.00	48.48 0.86 0.00	53.79 0.98 0.00	48.56 0.74 0.00	51.41 1.01 0.00	48.04 0.68 0.00	47.79 0.94 -0.05	50.12 1.18 -0.37	52.37 1.87 -0.62	52.88 2.13 -0.09	56.63 3.00 0.00	54.69 2.76 0.00	47.67 2.13 0.00
LYONS_FALL_HYD 23570	50.88 2.23 0.00	43.99 1.79 -0.01	40.90 1.64 0.00	39.34 1.47 0.00	40.76 1.48 0.00	53.17 2.17 -0.19	49.41 1.94 0.00	51.24 2.00 0.00	48.02 1.62 0.00	37.55 1.10 0.00	39.71 1.11 0.00	43.54 1.16 0.00	49.03 1.40 0.00	54.32 1.52 0.00	49.03 1.22 0.00	52.19 1.79 0.00	48.99 1.63 0.00	48.85 2.00 -0.05	51.22 2.23 -0.41	53.49 2.91 -0.71	53.89 3.13 -0.10	56.98 3.35 0.00	54.85 2.93 0.00	47.65 2.11 0.00
MADISON___COUNTY_LFGE 323628	50.27 1.62 0.00	43.44 1.24 -0.01	40.40 1.15 0.00	38.92 1.04 0.00	40.38 1.10 0.00	52.57 1.55 -0.21	48.90 1.43 0.00	50.70 1.46 0.00	47.64 1.24 0.00	37.36 0.91 0.00	39.58 0.98 0.00	43.54 1.16 0.00	49.11 1.49 0.00	54.50 1.69 0.00	49.43 1.62 0.00	52.28 1.88 0.00	49.11 1.75 0.00	48.77 1.92 -0.06	51.16 2.15 -0.45	52.96 2.32 -0.75	53.10 2.34 -0.11	56.01 2.38 0.00	54.00 2.07 0.00	47.11 1.57 0.00
MALONE___115KV_TB1 356076	49.75 1.11 0.00	43.17 0.98 0.00	40.12 0.87 0.00	38.71 0.83 0.00	40.18 0.90 0.00	52.13 1.32 0.00	48.75 1.28 0.00	50.45 1.21 0.00	47.29 0.90 0.00	37.12 0.67 0.00	39.16 0.56 0.00	42.88 0.50 0.00	48.31 0.69 0.00	53.61 0.80 0.00	48.54 0.72 0.00	51.16 0.76 0.00	47.96 0.59 0.00	47.35 0.55 0.00	49.55 0.97 0.00	51.14 1.26 0.00	52.13 1.47 0.00	55.63 2.00 0.00	53.65 1.73 0.00	46.99 1.44 0.00
MAPLEWOD_115KV_TB3 80458	48.90 0.26 0.00	42.52 0.33 0.00	39.54 0.29 0.00	38.21 0.33 0.00	39.59 0.31 0.00	51.18 0.36 0.00	47.78 0.32 0.00	49.69 0.44 0.00	46.86 0.47 0.00	36.69 0.29 0.05	30.72 0.29 8.17	38.35 0.16 4.18	46.98 0.09 0.73	51.84 0.01 0.98	47.76 0.07 0.13	50.16 0.16 0.40	47.69 0.32 0.00	47.25 0.45 0.00	48.79 0.21 0.00	49.99 0.11 0.00	50.74 0.09 0.00	53.60 -0.04 0.00	52.08 0.15 0.00	45.73 0.18 0.00
MAPLE_RIDGE_WT_1 323574	48.62 -0.02 0.00	42.04 -0.15 0.00	38.99 -0.26 0.00	37.63 -0.24 0.00	39.01 -0.27 0.00	50.55 -0.27 0.00	47.29 -0.17 0.00	49.16 -0.09 0.00	46.38 -0.02 0.00	36.45 -0.01 0.00	38.56 -0.04 0.00	42.32 -0.05 0.00	47.57 -0.05 0.00	52.55 -0.25 0.00	47.66 -0.15 0.00	50.35 -0.05 0.00	47.32 -0.05 0.00	46.53 -0.27 0.00	48.50 -0.07 0.00	49.91 0.03 0.00	50.72 0.07 0.00	53.77 0.14 0.00	51.96 0.04 0.00	45.47 -0.07 0.00
MAPLE_RIDGE_WT_2 323611	48.62 -0.02 0.00	42.04 -0.15 0.00	38.99 -0.26 0.00	37.63 -0.24 0.00	39.01 -0.27 0.00	50.55 -0.27 0.00	47.29 -0.17 0.00	49.16 -0.09 0.00	46.38 -0.02 0.00	36.45 -0.01 0.00	38.56 -0.04 0.00	42.32 -0.05 0.00	47.57 -0.05 0.00	52.55 -0.25 0.00	47.66 -0.15 0.00	50.35 -0.05 0.00	47.32 -0.05 0.00	46.53 -0.27 0.00	48.50 -0.07 0.00	49.91 0.03 0.00	50.72 0.07 0.00	53.77 0.14 0.00	51.96 0.04 0.00	45.47 -0.07 0.00
MARBLE_RIVER_WT_PWR 323696	48.78 0.13 0.00	42.40 0.21 0.00	39.46 0.20 0.00	38.07 0.20 0.00	39.54 0.26 0.00	51.27 0.45 0.00	47.92 0.45 0.00	49.59 0.34 0.00	46.56 0.16 0.00	36.60 0.14 0.00	38.62 0.02 0.00	42.23 -0.14 0.00	47.58 -0.04 0.00	52.80 -0.01 0.00	47.78 -0.03 0.00	50.35 -0.05 0.00	47.26 -0.11 0.00	46.57 -0.23 0.00	48.67 0.10 0.00	50.12 0.24 0.00	51.03 0.38 0.00	54.25 0.61 0.00	52.35 0.42 0.00	45.92 0.38 0.00
MARSHVLE_115KV_TB1 80742	52.17 3.52 0.00	44.99 2.80 0.00	41.82 2.56 0.00	40.30 2.42 0.00	41.78 2.50 0.00	54.14 3.32 0.00	50.78 3.31 0.00	52.41 3.17 0.00	48.99 2.59 0.00	38.23 1.80 0.03	35.50 1.83 4.94	41.77 1.92 2.53	49.48 2.30 0.44	55.14 2.92 0.59	50.62 2.88 0.08	53.30 3.14 0.24	50.48 3.11 0.00	50.19 3.39 0.00	52.45 3.87 0.00	54.10 4.22 0.00	54.72 4.06 0.00	57.45 3.81 0.00	55.36 3.44 0.00	48.30 2.76 0.00
MARSH_HILL_WT_PWR 323713	50.66 2.02 0.00	43.42 1.23 -0.01	40.37 1.12 0.00	38.37 0.50 0.00	40.15 0.87 0.00	52.32 1.34 -0.16	49.06 1.59 0.00	50.66 1.41 0.00	47.23 0.83 0.00	37.18 0.73 0.00	39.87 1.27 0.00	44.18 1.80 0.00	49.57 1.95 0.00	55.40 2.60 0.00	49.90 2.09 0.00	52.48 2.08 0.00	49.01 1.65 0.00	49.13 2.00 -0.33	54.31 2.54 -3.20	52.84 2.37 -0.59	53.13 2.40 -0.08	56.14 2.51 0.00	53.62 1.69 0.00	46.91 1.37 0.00
MCINTYRE_115KV_TB2 80467	51.15 2.50 0.00	44.34 2.15 0.00	41.20 1.95 0.00	39.72 1.85 0.00	41.24 1.95 0.00	53.47 2.66 0.00	49.94 2.47 0.00	51.44 2.19 0.00	47.76 1.37 0.00	37.25 0.80 0.00	39.27 0.67 0.00	43.04 0.66 0.00	48.44 0.82 0.00	53.72 0.91 0.00	48.66 0.84 0.00	51.25 0.84 0.00	47.83 0.47 0.00	47.47 0.68 0.00	49.81 1.24 0.00	51.92 2.04 0.00	53.31 2.65 0.00	57.18 3.54 0.00	55.22 3.30 0.00	48.31 2.77 0.00
MECO_____69_KV_BK1 80468	52.22 3.57 0.00	45.07 2.88 0.00	41.88 2.63 0.00	40.37 2.50 0.00	41.85 2.58 0.00	54.24 3.42 0.00	50.80 3.33 0.00	52.42 3.18 0.00	48.92 2.52 0.00	37.88 1.47 0.04	34.40 1.26 5.45	40.75 1.17 2.79	48.41 1.27 0.48	53.99 1.84 0.65	49.90 2.17 0.08	52.65 2.51 0.27	50.15 2.79 0.00	50.20 3.41 0.00	52.58 4.00 0.00	54.29 4.41 0.00	55.02 4.36 0.00	57.85 4.22 0.00	55.76 3.84 0.00	48.67 3.13 0.00
MENANDS___115KV_TB5 355628	48.42 -0.22 0.00	42.16 -0.03 0.00	39.20 -0.05 0.00	37.90 0.02 0.00	39.27 -0.01 0.00	50.76 -0.05 0.00	47.38 -0.09 0.00	49.28 0.03 0.00	46.49 0.10 0.00	36.42 0.02 0.05	30.47 0.01 8.14	38.03 -0.17 4.17	46.63 -0.27 0.72	51.41 -0.42 0.97	47.32 -0.37 0.13	49.69 -0.31 0.40	47.21 -0.15 0.00	46.76 -0.04 0.00	48.25 -0.33 0.00	49.43 -0.45 0.00	50.17 -0.49 0.00	53.00 -0.64 0.00	51.51 -0.41 0.00	45.28 -0.26 0.00
MG INDUSTRY___DRP 24185	47.45 -1.19 0.00	41.30 -0.89 0.00	38.45 -0.80 0.00	37.19 -0.68 0.00	38.56 -0.71 0.00	49.83 -0.98 0.00	46.47 -1.00 0.00	48.20 -1.05 0.00	45.41 -0.99 0.00	35.53 -0.90 0.03	33.14 -0.98 4.48	38.80 -1.27 2.30	45.73 -1.49 0.40	50.53 -1.74 0.54	46.20 -1.55 0.07	48.64 -1.54 0.22	46.11 -1.26 0.00	45.70 -1.10 0.00	47.24 -1.33 0.00	48.48 -1.40 0.00	49.23 -1.43 0.00	52.00 -1.64 0.00	50.52 -1.40 0.00	44.41 -1.13 0.00

MID___OSWEGATCHIE_HYD 23849	50.68 2.04 0.00	43.89 1.69 -0.01	40.79 1.53 0.00	39.26 1.39 0.00	40.70 1.42 0.00	53.03 2.05 -0.17	49.35 1.88 0.00	51.04 1.79 0.00	47.70 1.30 0.00	37.31 0.86 0.00	39.36 0.76 0.00	43.10 0.72 0.00	48.48 0.86 0.00	53.79 0.98 0.00	48.56 0.74 0.00	51.41 1.01 0.00	48.04 0.68 0.00	47.79 0.94 -0.05	50.12 1.18 -0.37	52.37 1.87 -0.62	52.88 2.13 -0.09	56.63 3.00 0.00	54.69 2.76 0.00	47.67 2.13 0.00
MID___RAQUETTE_HYD 23851	50.31 1.66 0.00	43.60 1.42 0.00	40.54 1.29 0.00	39.05 1.18 0.00	40.53 1.26 0.00	52.55 1.74 0.00	49.09 1.62 0.00	50.73 1.49 0.00	47.40 1.01 0.00	37.13 0.68 0.00	39.18 0.58 0.00	42.95 0.58 0.00	48.34 0.72 0.00	53.63 0.82 0.00	48.53 0.71 0.00	51.15 0.75 0.00	47.68 0.31 0.00	47.16 0.36 0.00	49.12 0.54 0.00	50.85 0.97 0.00	51.80 1.15 0.00	55.92 2.29 0.00	54.17 2.25 0.00	47.43 1.88 0.00
MILLIKEN___1 23584	49.89 1.25 0.00	43.05 0.84 -0.03	40.03 0.77 0.00	38.54 0.66 0.00	39.97 0.69 0.00	52.27 1.02 -0.43	48.46 0.98 -0.01	50.23 0.98 0.00	47.26 0.87 0.00	37.03 0.58 0.00	39.30 0.69 0.00	43.27 0.89 0.00	48.78 1.16 0.00	54.30 1.50 0.00	49.23 1.42 0.00	51.85 1.45 0.00	48.72 1.35 0.00	48.29 1.37 -0.12	51.18 1.67 -0.94	53.35 1.88 -1.59	52.65 1.76 -0.23	55.37 1.74 0.00	53.41 1.48 0.00	46.69 1.15 0.00
MILLIKEN___2 23585	49.89 1.25 0.00	43.05 0.84 -0.03	40.03 0.77 0.00	38.54 0.66 0.00	39.97 0.69 0.00	52.27 1.02 -0.43	48.46 0.98 -0.01	50.23 0.98 0.00	47.26 0.87 0.00	37.03 0.58 0.00	39.30 0.69 0.00	43.27 0.89 0.00	48.78 1.16 0.00	54.30 1.50 0.00	49.23 1.42 0.00	51.85 1.45 0.00	48.72 1.35 0.00	48.29 1.37 -0.12	51.18 1.67 -0.94	53.35 1.88 -1.59	52.65 1.76 -0.23	55.37 1.74 0.00	53.41 1.48 0.00	46.69 1.15 0.00
MILLIKEN___DIESEL 23629	49.89 1.25 0.00	43.05 0.84 -0.03	40.03 0.77 0.00	38.54 0.66 0.00	39.97 0.69 0.00	52.27 1.02 -0.43	48.46 0.98 -0.01	50.23 0.98 0.00	47.26 0.87 0.00	37.03 0.58 0.00	39.30 0.69 0.00	43.27 0.89 0.00	48.78 1.16 0.00	54.30 1.50 0.00	49.23 1.42 0.00	51.85 1.45 0.00	48.72 1.35 0.00	48.29 1.37 -0.12	51.18 1.67 -0.94	53.35 1.88 -1.59	52.65 1.76 -0.23	55.37 1.74 0.00	53.41 1.48 0.00	46.69 1.15 0.00
MILLSEAT___LFGE 323607	51.90 3.26 0.00	44.45 2.27 0.00	41.36 2.11 0.00	39.63 1.76 0.00	41.26 1.98 0.00	53.68 2.86 0.00	50.21 2.75 0.00	51.56 2.32 0.00	48.36 1.96 0.00	38.30 1.85 0.00	41.00 2.40 0.00	45.58 3.21 0.00	51.46 3.84 0.00	57.76 4.96 0.00	52.06 4.25 0.00	54.77 4.36 0.00	50.81 3.44 0.00	54.95 3.61 -4.54	92.63 4.17 -39.89	53.68 3.80 0.00	54.53 3.88 0.00	58.06 4.42 0.00	55.59 3.66 0.00	48.98 3.40 -0.03
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	49.69 1.05 0.00	43.35 1.16 0.00	40.25 1.00 0.00	38.75 0.88 0.00	40.12 0.84 0.00	51.84 1.02 0.00	48.65 1.19 0.00	50.62 1.38 0.00	47.97 1.58 0.00	37.84 1.32 -0.06	49.46 1.36 -9.50	48.70 1.46 -4.87	49.90 1.43 -0.84	55.28 1.34 -1.14	49.18 1.22 -0.15	51.96 1.10 -0.46	48.47 1.10 0.00	47.92 1.12 0.00	49.05 0.48 0.00	50.26 0.38 0.00	50.97 0.32 0.00	53.66 0.02 0.00	52.29 0.37 0.00	45.96 0.42 0.00
MILLWOOD_13_KV_LOAD 356217	49.79 1.14 0.00	43.44 1.25 0.00	40.34 1.08 0.00	38.83 0.95 0.00	40.20 0.92 0.00	51.94 1.13 0.00	48.74 1.28 0.00	50.71 1.47 0.00	48.07 1.67 0.00	37.91 1.39 -0.06	49.54 1.43 -9.50	48.79 1.55 -4.87	50.00 1.53 -0.84	55.40 1.46 -1.14	49.28 1.31 -0.15	52.09 1.22 -0.46	48.57 1.20 0.00	48.02 1.22 0.00	49.17 0.59 0.00	50.38 0.50 0.00	51.09 0.43 0.00	53.78 0.14 0.00	52.39 0.47 0.00	46.05 0.51 0.00
MODEL_CITY_ENERGY 24167	50.39 1.74 0.00	43.17 0.98 0.00	40.23 0.98 0.00	38.55 0.67 0.00	40.15 0.87 0.00	52.23 1.42 0.00	48.77 1.31 0.00	49.84 0.59 0.00	46.73 0.34 0.00	37.17 0.72 0.00	39.92 1.32 0.00	44.51 2.14 0.00	50.05 2.43 0.00	55.89 3.08 0.00	50.34 2.52 0.00	52.88 2.47 0.00	48.79 1.42 0.00	49.36 1.45 -1.11	60.95 2.05 -10.33	51.41 1.53 0.00	52.29 1.64 0.00	55.90 2.26 0.00	53.61 1.69 0.00	47.44 1.88 -0.01
MODERN_LFGE___ 323580	50.39 1.74 0.00	43.17 0.98 0.00	40.23 0.98 0.00	38.55 0.67 0.00	40.15 0.87 0.00	52.23 1.42 0.00	48.77 1.31 0.00	49.84 0.59 0.00	46.73 0.34 0.00	37.17 0.72 0.00	39.92 1.32 0.00	44.51 2.14 0.00	50.05 2.43 0.00	55.89 3.08 0.00	50.34 2.52 0.00	52.88 2.47 0.00	48.79 1.42 0.00	49.36 1.45 -1.11	60.95 2.05 -10.33	51.41 1.53 0.00	52.29 1.64 0.00	55.90 2.26 0.00	53.61 1.69 0.00	47.44 1.88 -0.01
MOHAWK_PAPER___DRP 24187	48.90 0.26 0.00	42.52 0.33 0.00	39.54 0.29 0.00	38.21 0.33 0.00	39.59 0.31 0.00	51.18 0.36 0.00	47.78 0.32 0.00	49.69 0.44 0.00	46.86 0.47 0.00	36.69 0.29 0.05	30.72 0.29 8.17	38.35 0.16 4.18	46.98 0.09 0.73	51.84 0.01 0.98	47.76 0.07 0.13	50.16 0.16 0.40	47.69 0.32 0.00	47.25 0.45 0.00	48.79 0.21 0.00	49.99 0.11 0.00	50.74 0.09 0.00	53.60 -0.04 0.00	52.08 0.15 0.00	45.73 0.18 0.00
MOHICAN___35_KV_115KV_LD 80490	50.62 1.98 0.00	43.83 1.65 0.00	40.82 1.57 0.00	39.45 1.58 0.00	40.93 1.65 0.00	52.89 2.08 0.00	49.43 1.97 0.00	51.42 2.18 0.00	48.36 1.97 0.00	37.59 1.19 0.05	31.31 1.04 8.33	39.07 0.97 4.27	47.79 0.91 0.74	52.84 1.03 0.99	48.91 1.22 0.13	51.58 1.58 0.41	49.25 1.88 0.00	49.01 2.21 0.00	50.93 2.36 0.00	52.56 2.68 0.00	53.31 2.66 0.00	56.31 2.67 0.00	54.57 2.65 0.00	47.90 2.36 0.00
MONGAUP___HYD 23641	50.08 1.44 0.00	43.52 1.34 0.00	40.41 1.15 0.00	38.91 1.03 0.00	40.28 1.01 0.00	52.09 1.28 0.00	48.88 1.41 0.00	50.77 1.52 0.00	47.92 1.52 0.00	37.62 1.12 -0.05	47.35 1.08 -7.68	47.39 1.08 -3.93	49.41 1.11 -0.68	54.95 1.23 -0.92	49.12 1.19 -0.12	51.88 1.10 -0.37	48.54 1.17 0.00	48.37 1.57 0.00	50.10 1.52 0.00	51.48 1.60 0.00	52.29 1.64 0.00	54.82 1.18 0.00	53.19 1.27 0.00	46.60 1.06 0.00
MONTAUK___DIESEL 23721	47.91 2.56 3.29	45.20 3.01 0.00	41.66 2.41 0.00	40.08 2.21 0.00	41.62 2.34 0.00	53.57 2.76 0.00	50.27 2.80 0.00	51.85 2.60 0.00	49.27 2.88 0.00	39.31 2.80 -0.06	50.92 2.78 -9.54	45.02 2.61 -0.04	45.40 2.73 4.95	46.16 3.07 9.71	45.68 3.15 5.29	50.11 2.90 3.19	46.93 2.70 3.13	36.02 2.41 13.19	34.85 1.25 14.98	15.67 0.99 35.20	22.96 2.14 29.83	20.49 1.50 34.64	44.04 1.93 9.82	45.46 1.63 1.72
MOONROAD_115KV_HARTFLD_TB1-2 355988	52.04 3.39 0.00	44.25 2.07 0.00	41.28 2.02 0.00	39.28 1.41 0.00	41.15 1.87 0.00	53.59 2.77 0.00	50.31 2.85 0.00	52.06 2.82 0.00	48.71 2.31 0.00	38.53 2.08 0.00	41.50 2.90 0.00	46.26 3.89 0.00	52.03 4.41 0.00	58.03 5.23 0.00	52.53 4.71 0.00	55.25 4.85 0.00	51.09 3.72 0.00	50.99 3.55 -0.65	58.44 3.60 -6.27	53.29 3.41 0.00	53.95 3.30 0.00	57.30 3.66 0.00	54.59 2.66 0.00	47.56 2.01 -0.01

MORRIS_RIDGE___SOLAR 323848	50.30 1.65 0.00	43.10 0.90 -0.01	40.17 0.92 0.00	38.38 0.51 0.00	40.08 0.80 0.00	52.17 1.23 -0.12	48.73 1.27 0.00	50.12 0.87 0.00	46.69 0.30 0.00	36.83 0.38 0.00	39.57 0.97 0.00	43.87 1.50 0.00	49.28 1.65 0.00	55.02 2.21 0.00	49.65 1.84 0.00	52.34 1.94 0.00	48.77 1.40 0.00	48.96 1.70 -0.47	55.21 2.15 -4.49	52.32 2.00 -0.45	52.75 2.04 -0.07	55.89 2.25 0.00	53.44 1.52 0.00	46.91 1.36 0.00
MORTIMER_115KV_TB3 55949	50.07 1.42 0.00	43.07 0.89 0.00	40.08 0.82 0.00	38.51 0.63 0.00	40.00 0.73 0.00	51.94 1.13 0.00	48.61 1.14 0.00	50.15 0.91 0.00	47.18 0.79 0.00	37.27 0.82 0.00	39.82 1.22 0.00	44.15 1.78 0.00	49.86 2.23 0.00	55.70 2.89 0.00	50.40 2.59 0.00	53.15 2.75 0.00	49.52 2.16 0.00	48.64 2.17 0.33	48.14 2.45 2.89	52.06 2.18 0.00	52.74 2.09 0.00	55.96 2.33 0.00	53.76 1.83 0.00	47.16 1.62 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	49.99 1.35 0.00	43.64 1.45 0.00	40.50 1.24 0.00	38.97 1.10 0.00	40.33 1.05 0.00	52.11 1.29 0.00	48.98 1.51 0.00	51.00 1.76 0.00	48.39 1.99 0.00	38.21 1.69 -0.06	49.87 1.73 -9.53	49.14 1.88 -4.88	50.28 1.81 -0.85	55.65 1.70 -1.14	49.50 1.54 -0.15	52.26 1.39 -0.46	48.75 1.39 0.00	48.18 1.38 0.00	49.21 0.64 0.00	50.38 0.50 0.00	51.03 0.38 0.00	53.71 0.08 0.00	52.42 0.50 0.00	46.14 0.60 0.00
MUNSVILLE_WIND_PWR 323609	52.65 4.01 0.00	45.30 3.09 -0.02	42.00 2.74 0.00	40.32 2.44 0.00	41.77 2.49 0.00	54.52 3.42 -0.29	50.95 3.48 0.00	52.91 3.66 0.00	49.64 3.25 0.00	38.89 2.44 0.00	41.39 2.79 0.00	45.58 3.20 0.00	51.58 3.96 0.00	57.53 4.73 0.00	51.89 4.08 0.00	54.73 4.33 0.00	51.66 4.30 0.00	51.42 4.54 -0.08	54.05 4.86 -0.62	56.17 5.24 -1.05	56.02 5.21 -0.15	58.76 5.13 0.00	56.46 4.54 0.00	49.07 3.53 0.00
N SALMON___HYD 24042	49.75 1.11 0.00	43.17 0.98 0.00	40.12 0.87 0.00	38.71 0.83 0.00	40.18 0.90 0.00	52.13 1.32 0.00	48.75 1.28 0.00	50.45 1.21 0.00	47.29 0.90 0.00	37.13 0.67 0.00	39.16 0.56 0.00	42.88 0.50 0.00	48.31 0.68 0.00	53.61 0.80 0.00	48.54 0.72 0.00	51.16 0.75 0.00	47.96 0.59 0.00	47.35 0.55 0.00	49.55 0.98 0.00	51.14 1.26 0.00	52.12 1.47 0.00	55.63 2.00 0.00	53.65 1.73 0.00	46.99 1.44 0.00
N.AKRON__115KV_KNAPP 355671	52.05 3.40 0.00	44.56 2.37 0.00	41.47 2.22 0.00	39.72 1.84 0.00	41.36 2.08 0.00	53.79 2.98 0.00	50.33 2.86 0.00	51.72 2.47 0.00	48.49 2.09 0.00	38.42 1.97 0.00	41.13 2.53 0.00	45.76 3.39 0.00	51.63 4.01 0.00	57.98 5.17 0.00	52.26 4.44 0.00	54.92 4.52 0.00	50.95 3.59 0.00	54.53 3.73 -4.00	88.13 4.32 -35.24	53.83 3.94 0.00	54.60 3.94 0.00	58.17 4.53 0.00	55.70 3.78 0.00	49.09 3.52 -0.03
N.E_GEN_SANDY PD 24062	47.89 0.32 1.07	42.68 0.49 0.00	38.86 0.42 0.81	38.08 0.45 0.25	39.70 0.42 0.00	51.32 0.50 0.00	47.98 0.51 0.00	49.96 0.72 0.00	47.57 0.75 -0.43	36.57 0.50 0.39	-22.03 0.45 61.08	11.40 0.32 31.30	42.41 0.21 5.43	45.52 0.01 7.30	46.80 -0.06 0.95	47.66 -0.05 2.70	47.46 0.09 0.00	46.98 0.18 0.00	48.39 -0.18 0.00	49.59 -0.29 0.00	50.35 -0.30 0.00	53.28 -0.48 -0.12	51.77 -0.10 0.05	45.57 0.03 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	49.56 0.92 0.00	43.22 1.04 0.00	40.13 0.88 0.00	38.65 0.77 0.00	39.99 0.71 0.00	51.67 0.86 0.00	48.51 1.05 0.00	50.44 1.20 0.00	47.75 1.36 0.00	37.65 1.14 -0.06	48.46 1.19 -8.66	48.14 1.33 -4.44	49.78 1.39 -0.77	55.19 1.34 -1.04	49.14 1.19 -0.13	51.95 1.12 -0.42	48.45 1.08 0.00	47.96 1.16 0.00	49.13 0.55 0.00	50.37 0.49 0.00	51.10 0.45 0.00	53.81 0.18 0.00	52.39 0.46 0.00	46.00 0.46 0.00
N.QUEENS_27_KV_LOAD 356247	50.07 1.42 0.00	43.80 1.62 0.00	40.60 1.34 0.00	39.05 1.18 0.00	40.41 1.14 0.00	52.00 1.19 0.00	49.16 1.69 0.00	51.05 1.80 0.00	48.54 2.14 0.00	38.33 1.82 -0.06	49.96 1.83 -9.53	49.20 1.94 -4.88	50.24 1.77 -0.85	55.60 1.66 -1.14	49.56 1.60 -0.15	52.15 1.28 -0.46	48.75 1.38 0.00	48.22 1.42 0.00	48.91 0.34 0.00	50.30 0.36 -0.06	55.52 0.22 -4.64	54.02 0.00 -0.39	52.64 0.72 0.00	46.38 0.84 0.00
N.TROY___115KV_TB1 355778	49.33 0.69 0.00	42.92 0.73 0.00	39.92 0.67 0.00	38.58 0.71 0.00	40.01 0.73 0.00	51.72 0.91 0.00	48.26 0.79 0.00	50.20 0.95 0.00	47.29 0.89 0.00	36.94 0.56 0.07	28.13 0.51 10.98	37.13 0.38 5.62	46.95 0.31 0.98	51.74 0.24 1.31	47.89 0.25 0.17	50.25 0.38 0.54	47.90 0.53 0.00	47.46 0.66 0.00	49.11 0.53 0.00	50.37 0.49 0.00	51.14 0.49 0.00	54.05 0.42 0.00	52.54 0.62 0.00	46.14 0.60 0.00
NARROWS_GT1_1 24228	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
NARROWS_GT1_2 24229	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
NARROWS_GT1_3 24230	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
NARROWS_GT1_4 24231	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
NARROWS_GT1_5 24232	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00

NARROWS_GT1_6 24233	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
NARROWS_GT1_7 24234	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
NARROWS_GT1_8 24235	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
NARROWS_GT2_1 24236	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
NARROWS_GT2_2 24237	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
NARROWS_GT2_3 24238	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
NARROWS_GT2_4 24239	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
NARROWS_GT2_5 24240	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
NARROWS_GT2_6 24241	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
NARROWS_GT2_7 24242	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
NARROWS_GT2_8 24243	50.18 1.53 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.34 0.00	49.25 1.78 0.00	51.10 1.86 0.00	48.64 2.24 0.00	38.40 1.89 -0.06	50.01 1.88 -9.53	49.28 2.02 -4.88	50.25 1.78 -0.85	55.60 1.65 -1.14	49.61 1.65 -0.15	52.28 1.41 -0.46	48.91 1.55 0.00	48.35 1.55 0.00	48.98 0.41 0.00	50.27 0.39 0.00	50.89 0.24 0.00	53.61 -0.03 0.00	52.42 0.50 0.00	46.33 0.79 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	48.92 0.28 0.00	42.49 0.30 0.00	39.51 0.26 0.00	38.21 0.33 0.00	39.61 0.33 0.00	51.27 0.45 0.00	47.80 0.34 0.00	49.71 0.46 0.00	46.75 0.36 0.00	36.46 0.03 0.02	35.54 0.02 3.09	40.63 -0.16 1.58	47.08 -0.27 0.27	52.13 -0.31 0.37	47.53 -0.24 0.05	50.35 0.10 0.15	47.69 0.32 0.00	47.44 0.64 0.00	49.25 0.68 0.00	50.58 0.70 0.00	51.36 0.70 0.00	54.17 0.54 0.00	52.47 0.54 0.00	46.00 0.46 0.00
NCHELSEA_115KV_TR2 355582	50.12 1.48 0.00	43.62 1.44 0.00	40.50 1.25 0.00	39.01 1.14 0.00	40.39 1.11 0.00	52.20 1.38 0.00	48.96 1.50 0.00	50.99 1.74 0.00	48.28 1.88 0.00	38.05 1.55 -0.05	47.74 1.64 -7.49	48.04 1.83 -3.84	50.21 1.92 -0.67	55.63 1.93 -0.90	49.68 1.74 -0.12	52.44 1.67 -0.37	49.02 1.65 0.00	48.54 1.74 0.00	49.80 1.23 0.00	51.03 1.16 0.00	51.74 1.09 0.00	54.45 0.82 0.00	52.95 1.03 0.00	46.47 0.93 0.00
NEG CAPITAL___MECHNVIL 23645	50.29 1.65 0.00	43.65 1.47 0.00	40.61 1.36 0.00	39.23 1.36 0.00	40.69 1.42 0.00	52.62 1.80 0.00	49.12 1.65 0.00	51.08 1.84 0.00	48.10 1.70 0.00	37.54 1.14 0.06	30.30 1.10 9.40	38.62 1.07 4.82	47.89 1.10 0.83	52.96 1.27 1.12	48.97 1.30 0.15	51.49 1.55 0.46	49.08 1.71 0.00	48.71 1.91 0.00	50.48 1.91 0.00	51.86 1.98 0.00	52.61 1.96 0.00	55.52 1.89 0.00	53.83 1.91 0.00	47.20 1.65 0.00
NEG CENTRAL_HIGH_ACRES 23767	48.89 0.25 0.00	42.10 -0.09 0.00	39.16 -0.09 0.00	37.66 -0.22 0.00	39.09 -0.18 0.00	50.73 -0.08 0.00	47.48 0.01 0.00	49.07 -0.17 0.00	46.21 -0.19 0.00	36.44 -0.01 0.00	38.94 0.34 0.00	43.14 0.77 0.00	48.68 1.06 0.00	54.31 1.51 0.00	49.20 1.39 0.00	51.88 1.48 0.00	48.45 1.08 0.00	47.91 1.11 0.00	49.63 1.31 0.26	50.96 1.08 0.00	51.62 0.97 0.00	54.69 1.06 0.00	52.54 0.61 0.00	46.05 0.50 0.00

NEG CENTRAL___DRP 24199	49.62 0.98 0.00	42.77 0.56 -0.03	39.83 0.58 0.00	38.29 0.41 0.00	39.78 0.50 0.00	51.92 0.67 -0.43	48.22 0.75 -0.01	49.90 0.65 0.00	46.97 0.57 0.00	36.93 0.47 0.00	39.32 0.72 0.00	43.38 1.01 0.00	48.80 1.18 0.00	54.42 1.61 0.00	49.33 1.51 0.00	51.93 1.53 0.00	48.79 1.42 0.00	48.46 1.54 -0.11	51.35 1.85 -0.93	53.28 1.82 -1.58	52.51 1.63 -0.23	55.27 1.64 0.00	53.17 1.25 0.00	46.51 0.96 0.00
NEG CENTRAL___INDECK 23768	50.57 1.93 0.00	43.39 1.20 0.00	40.37 1.12 0.00	38.63 0.75 0.00	40.26 0.98 0.00	52.30 1.48 0.00	49.16 1.70 0.00	50.60 1.36 0.00	47.11 0.71 0.00	36.90 0.45 0.00	39.69 1.09 0.00	44.00 1.62 0.00	49.44 1.82 0.00	55.36 2.55 0.00	50.05 2.24 0.00	52.80 2.40 0.00	49.20 1.83 0.00	49.10 2.30 0.00	51.71 2.86 -0.28	52.58 2.70 0.00	53.65 3.00 0.00	56.90 3.26 0.00	54.29 2.36 0.00	47.51 1.97 0.00
NEG CENTRAL___SENECA 23627	50.00 1.35 0.00	43.03 0.83 -0.02	40.13 0.87 0.00	38.52 0.64 0.00	40.08 0.81 0.00	52.05 1.00 -0.24	48.59 1.12 0.00	50.23 0.99 0.00	47.25 0.85 0.00	37.20 0.74 0.00	39.66 1.07 0.00	43.78 1.40 0.00	49.25 1.63 0.00	54.95 2.15 0.00	49.79 1.98 0.00	52.41 2.01 0.00	49.19 1.83 0.00	48.84 1.98 -0.06	51.48 2.40 -0.51	53.07 2.32 -0.87	52.92 2.14 -0.13	55.82 2.18 0.00	53.60 1.68 0.00	46.84 1.30 0.00
NEG CENTRAL___STATE_STREET 24147	49.48 0.84 0.00	42.70 0.48 -0.03	39.71 0.46 0.00	38.26 0.39 0.00	39.60 0.31 0.00	52.01 0.63 -0.57	47.97 0.49 -0.01	49.70 0.45 0.00	46.95 0.56 0.00	36.77 0.31 0.00	39.02 0.42 0.00	42.98 0.60 0.00	48.50 0.88 0.00	54.04 1.23 0.00	48.99 1.18 0.00	51.59 1.18 0.00	48.54 1.17 0.00	48.19 1.24 -0.15	51.11 1.31 -1.23	53.49 1.54 -2.08	52.21 1.25 -0.30	54.85 1.21 0.00	52.95 1.03 0.00	46.36 0.82 0.00
NEG MILLWOOD___DRP 24198	50.18 1.54 0.00	43.72 1.54 0.00	40.59 1.34 0.00	39.09 1.21 0.00	40.46 1.18 0.00	52.28 1.47 0.00	49.05 1.59 0.00	51.10 1.85 0.00	48.43 2.03 0.00	38.19 1.68 -0.05	48.72 1.76 -8.36	48.61 1.96 -4.29	50.42 2.05 -0.74	55.88 2.07 -1.00	49.83 1.88 -0.13	52.61 1.80 -0.41	49.11 1.74 0.00	48.61 1.81 0.00	49.85 1.28 0.00	51.06 1.19 0.00	51.74 1.09 0.00	54.45 0.81 0.00	52.98 1.06 0.00	46.48 0.94 0.00
NEG NORTH_FLCN_SEA 23793	48.53 -0.11 0.00	42.34 0.16 0.00	39.42 0.16 0.00	38.03 0.15 0.00	39.50 0.22 0.00	51.22 0.40 0.00	47.88 0.41 0.00	49.56 0.31 0.00	46.51 0.11 0.00	36.55 0.09 0.00	38.55 -0.05 0.00	41.98 -0.40 0.00	47.29 -0.34 0.00	52.47 -0.34 0.00	47.50 -0.32 0.00	50.06 -0.34 0.00	47.00 -0.37 0.00	46.32 -0.48 0.00	48.44 -0.14 0.00	49.93 0.05 0.00	50.83 0.18 0.00	54.04 0.41 0.00	52.12 0.20 0.00	45.70 0.16 0.00
NEG NORTH_KES_CHATEGAY 23792	48.93 0.29 0.00	42.52 0.33 0.00	39.54 0.29 0.00	38.16 0.28 0.00	39.62 0.34 0.00	51.38 0.57 0.00	48.03 0.57 0.00	49.66 0.42 0.00	46.59 0.19 0.00	36.62 0.16 0.00	38.65 0.05 0.00	42.27 -0.10 0.00	47.63 0.01 0.00	52.86 0.05 0.00	47.85 0.04 0.00	50.41 0.01 0.00	47.32 -0.05 0.00	46.62 -0.18 0.00	48.74 0.16 0.00	50.26 0.38 0.00	51.23 0.57 0.00	54.49 0.86 0.00	52.56 0.64 0.00	46.11 0.57 0.00
NEG NORTH___ALICE_FALLS 23915	48.95 0.31 0.00	42.62 0.43 0.00	39.65 0.40 0.00	38.25 0.38 0.00	39.73 0.45 0.00	51.53 0.71 0.00	48.18 0.72 0.00	49.84 0.59 0.00	46.71 0.32 0.00	36.69 0.23 0.00	38.69 0.09 0.00	42.23 -0.14 0.00	47.58 -0.04 0.00	52.80 0.00 0.00	47.82 0.00 0.00	50.39 -0.02 0.00	47.32 -0.05 0.00	46.66 -0.14 0.00	48.87 0.29 0.00	50.44 0.56 0.00	51.40 0.75 0.00	54.65 1.02 0.00	52.67 0.75 0.00	46.17 0.62 0.00
NEG NORTH___LWR_SARANAC 23913	48.95 0.31 0.00	42.62 0.43 0.00	39.65 0.40 0.00	38.25 0.38 0.00	39.73 0.45 0.00	51.53 0.71 0.00	48.18 0.72 0.00	49.84 0.59 0.00	46.71 0.32 0.00	36.69 0.23 0.00	38.69 0.09 0.00	42.23 -0.14 0.00	47.58 -0.04 0.00	52.80 0.00 0.00	47.82 0.00 0.00	50.39 -0.02 0.00	47.32 -0.05 0.00	46.66 -0.14 0.00	48.87 0.29 0.00	50.44 0.56 0.00	51.40 0.75 0.00	54.65 1.02 0.00	52.67 0.75 0.00	46.17 0.62 0.00
NEG NORTH___PLATTSBURG 23628	48.95 0.31 0.00	42.62 0.43 0.00	39.65 0.40 0.00	38.25 0.38 0.00	39.73 0.45 0.00	51.53 0.71 0.00	48.18 0.72 0.00	49.84 0.60 0.00	46.72 0.32 0.00	36.69 0.24 0.00	38.69 0.09 0.00	42.23 -0.14 0.00	47.58 -0.04 0.00	52.80 0.00 0.00	47.82 0.00 0.00	50.39 -0.02 0.00	47.32 -0.05 0.00	46.66 -0.14 0.00	48.87 0.30 0.00	50.44 0.56 0.00	51.40 0.75 0.00	54.65 1.02 0.00	52.67 0.75 0.00	46.16 0.62 0.00
NEG WEST_LEA_LOCKPORT 23791	50.70 2.05 0.00	43.50 1.31 0.00	40.52 1.27 0.00	38.81 0.94 0.00	40.43 1.15 0.00	52.58 1.76 0.00	49.13 1.66 0.00	50.26 1.01 0.00	47.11 0.71 0.00	37.46 1.00 0.00	40.22 1.62 0.00	44.85 2.47 0.00	50.44 2.82 0.00	56.39 3.58 0.00	50.83 3.02 0.00	53.44 3.03 0.00	49.34 1.97 0.00	50.05 2.00 -1.25	62.68 2.62 -11.49	51.99 2.11 0.00	52.78 2.12 0.00	56.40 2.76 0.00	54.11 2.19 0.00	47.85 2.30 -0.01
NEG WEST___LANCASTR 23811	52.12 3.48 0.00	44.53 2.34 0.00	41.46 2.20 0.00	39.64 1.77 0.00	41.30 2.02 0.00	53.73 2.92 0.00	50.25 2.79 0.00	51.55 2.31 0.00	48.37 1.97 0.00	38.50 2.04 0.00	41.43 2.83 0.00	46.29 3.92 0.00	52.12 4.49 0.00	58.29 5.48 0.00	52.69 4.87 0.00	55.47 5.07 0.00	51.32 3.95 0.00	51.50 3.93 -0.77	60.49 4.56 -7.36	53.96 4.08 0.00	54.63 3.98 0.00	58.25 4.62 0.00	55.74 3.82 0.00	49.08 3.53 -0.01
NEG_PENN_ALLEGHNY 23528	49.40 0.75 0.00	42.56 0.36 -0.02	39.64 0.39 0.00	38.13 0.26 0.00	39.70 0.43 0.00	51.63 0.54 -0.28	47.99 0.52 0.00	49.79 0.55 0.00	46.85 0.45 0.00	36.82 0.37 0.00	39.21 0.61 0.00	43.34 0.96 0.00	48.72 1.09 0.00	54.15 1.35 0.00	49.01 1.19 0.00	51.58 1.18 0.00	48.31 0.94 0.00	47.89 1.02 -0.07	50.57 1.12 -0.87	52.01 1.11 -1.02	51.76 0.97 -0.15	54.57 0.93 0.00	52.70 0.78 0.00	46.09 0.54 0.00
NEG___GEN_MONROE 24207	51.06 2.41 0.00	43.88 1.70 0.00	40.84 1.58 0.00	39.21 1.33 0.00	40.69 1.42 0.00	52.84 2.02 0.00	49.66 2.20 0.00	51.10 1.86 0.00	47.89 1.50 0.00	37.88 1.43 0.00	40.40 1.80 0.00	44.81 2.44 0.00	50.69 3.07 0.00	56.71 3.90 0.00	51.36 3.54 0.00	54.08 3.67 0.00	50.47 3.10 0.00	53.13 3.06 -3.28	80.49 3.46 -28.45	53.06 3.18 0.00	53.75 3.10 0.00	57.13 3.49 0.00	54.82 2.89 0.00	48.30 2.73 -0.02
NEPA___ENERGY 23901	50.96 2.32 0.00	43.35 1.16 0.00	40.49 1.24 0.00	38.59 0.72 0.00	40.37 1.09 0.00	52.47 1.66 0.00	48.98 1.52 0.00	50.54 1.30 0.00	47.31 0.91 0.00	37.35 0.90 0.00	40.23 1.63 0.00	45.06 2.69 0.00	50.57 2.95 0.00	56.44 3.64 0.00	51.00 3.19 0.00	53.67 3.27 0.00	49.62 2.25 0.00	49.79 2.35 -0.65	57.66 2.78 -6.30	52.39 2.51 0.00	52.91 2.26 0.00	56.28 2.64 0.00	54.10 2.18 0.00	47.34 1.79 -0.01

NEVERSINK___HYD 23608	49.42 0.78 0.00	42.95 0.76 0.00	39.85 0.60 0.00	38.38 0.50 0.00	39.75 0.47 0.00	51.38 0.57 0.00	48.20 0.74 0.00	50.12 0.88 0.00	47.40 1.00 0.00	37.35 0.86 -0.04	45.38 0.93 -5.85	46.44 1.06 -3.00	49.24 1.09 -0.52	54.39 0.88 -0.70	47.37 -0.53 -0.09	49.98 -0.71 -0.29	46.90 -0.47 0.00	46.51 -0.29 0.00	47.84 -0.73 0.00	49.30 -0.58 0.00	51.37 0.72 0.00	54.07 0.44 0.00	52.46 0.54 0.00	45.95 0.41 0.00
NEWKRMKL_115KV_TB1 55635	48.22 -0.42 0.00	41.95 -0.24 0.00	39.01 -0.25 0.00	37.71 -0.16 0.00	39.08 -0.20 0.00	50.51 -0.30 0.00	47.15 -0.32 0.00	49.03 -0.22 0.00	46.25 -0.14 0.00	36.25 -0.16 0.05	31.18 -0.16 7.25	38.31 -0.34 3.72	46.51 -0.46 0.64	51.35 -0.59 0.87	47.18 -0.52 0.11	49.55 -0.50 0.35	47.07 -0.30 0.00	46.61 -0.19 0.00	48.10 -0.47 0.00	49.28 -0.60 0.00	50.01 -0.64 0.00	52.80 -0.84 0.00	51.29 -0.63 0.00	45.08 -0.47 0.00
NEWTON___FALLS_HYD 23847	50.68 2.04 0.00	43.89 1.69 -0.01	40.79 1.53 0.00	39.26 1.39 0.00	40.70 1.42 0.00	53.03 2.05 -0.17	49.35 1.88 0.00	51.04 1.79 0.00	47.70 1.30 0.00	37.31 0.86 0.00	39.36 0.76 0.00	43.10 0.72 0.00	48.48 0.86 0.00	53.79 0.98 0.00	48.56 0.74 0.00	51.41 1.01 0.00	48.04 0.68 0.00	47.79 0.94 -0.05	50.12 1.18 -0.37	52.37 1.87 -0.62	52.88 2.13 -0.09	56.63 3.00 0.00	54.69 2.76 0.00	47.67 2.13 0.00
NGRID_A1_DSASP 323792	49.95 1.31 0.00	42.80 0.62 0.00	39.90 0.65 0.00	38.24 0.37 0.00	39.84 0.56 0.00	51.77 0.96 0.00	48.31 0.84 0.00	49.37 0.13 0.00	46.31 -0.09 0.00	36.84 0.39 0.00	39.58 0.98 0.00	44.12 1.75 0.00	49.60 1.98 0.00	55.35 2.54 0.00	49.98 2.17 0.00	52.57 2.17 0.00	48.47 1.10 0.00	48.66 1.10 -0.76	57.63 1.70 -7.36	51.04 1.17 0.00	51.91 1.26 0.00	55.50 1.86 0.00	53.30 1.38 0.00	47.21 1.66 -0.01
NGRID_A2_DSASP 323793	49.95 1.31 0.00	42.80 0.62 0.00	39.90 0.65 0.00	38.24 0.37 0.00	39.84 0.56 0.00	51.77 0.96 0.00	48.31 0.84 0.00	49.37 0.13 0.00	46.31 -0.09 0.00	36.84 0.39 0.00	39.58 0.98 0.00	44.12 1.75 0.00	49.60 1.98 0.00	55.35 2.54 0.00	49.98 2.17 0.00	52.57 2.17 0.00	48.47 1.10 0.00	48.66 1.10 -0.76	57.63 1.70 -7.36	51.04 1.17 0.00	51.91 1.26 0.00	55.50 1.86 0.00	53.30 1.38 0.00	47.21 1.66 -0.01
NGRID_A4_DSASP 323807	49.95 1.31 0.00	42.80 0.62 0.00	39.90 0.65 0.00	38.24 0.37 0.00	39.84 0.56 0.00	51.77 0.96 0.00	48.31 0.84 0.00	49.37 0.13 0.00	46.31 -0.09 0.00	36.84 0.39 0.00	39.58 0.98 0.00	44.12 1.75 0.00	49.60 1.98 0.00	55.35 2.54 0.00	49.98 2.17 0.00	52.57 2.17 0.00	48.47 1.10 0.00	48.66 1.10 -0.76	57.63 1.70 -7.36	51.04 1.17 0.00	51.91 1.26 0.00	55.50 1.86 0.00	53.30 1.38 0.00	47.21 1.66 -0.01
NIAGARA_115E_LBMP 323715	50.18 1.53 0.00	42.99 0.80 0.00	40.06 0.81 0.00	38.39 0.52 0.00	39.99 0.71 0.00	52.01 1.19 0.00	48.57 1.11 0.00	49.60 0.35 0.00	46.51 0.11 0.00	37.00 0.54 0.00	39.74 1.14 0.00	44.30 1.92 0.00	49.81 2.19 0.00	55.58 2.77 0.00	50.05 2.23 0.00	52.54 2.14 0.00	48.46 1.10 0.00	48.92 1.12 -1.00	59.66 1.72 -9.36	51.07 1.20 0.00	51.98 1.33 0.00	55.57 1.94 0.00	53.31 1.39 0.00	47.18 1.63 -0.01
NIAGARA_115W_LBMP 323714	49.82 1.18 0.00	42.70 0.51 0.00	39.81 0.56 0.00	38.16 0.28 0.00	39.75 0.47 0.00	51.65 0.84 0.00	48.19 0.73 0.00	49.25 0.01 0.00	46.21 -0.19 0.00	36.76 0.31 0.00	39.49 0.88 0.00	44.01 1.64 0.00	49.48 1.85 0.00	55.20 2.39 0.00	49.86 2.04 0.00	52.43 2.03 0.00	48.35 0.98 0.00	48.52 0.97 -0.75	57.41 1.57 -7.26	50.92 1.04 0.00	51.78 1.13 0.00	55.37 1.73 0.00	53.17 1.24 0.00	47.12 1.57 -0.01
NIAGARA_230_LBMP 323716	50.06 1.41 0.00	42.91 0.72 0.00	40.01 0.76 0.00	38.35 0.48 0.00	39.96 0.68 0.00	51.91 1.10 0.00	48.46 0.99 0.00	49.55 0.31 0.00	46.47 0.07 0.00	36.94 0.48 0.00	39.67 1.07 0.00	44.19 1.82 0.00	49.69 2.07 0.00	55.44 2.63 0.00	50.07 2.26 0.00	52.66 2.25 0.00	48.60 1.23 0.00	48.38 1.22 -0.35	54.66 1.83 -4.26	51.19 1.31 0.00	52.02 1.37 0.00	55.61 1.98 0.00	53.40 1.48 0.00	47.28 1.73 -0.01
NIAGARA___115KV_198_GIBSON 55903	49.83 1.18 0.00	42.70 0.52 0.00	39.81 0.55 0.00	38.16 0.29 0.00	39.75 0.47 0.00	51.64 0.83 0.00	48.19 0.73 0.00	49.28 0.04 0.00	46.21 -0.19 0.00	36.76 0.31 0.00	39.47 0.87 0.00	44.01 1.63 0.00	49.45 1.83 0.00	55.19 2.39 0.00	49.86 2.05 0.00	52.43 2.03 0.00	48.34 0.97 0.00	48.52 0.97 -0.75	57.41 1.57 -7.26	50.93 1.05 0.00	51.72 1.06 0.00	55.32 1.68 0.00	53.15 1.23 0.00	47.12 1.57 -0.01
NIAGARA____ 23760	50.06 1.41 0.00	42.91 0.72 0.00	40.01 0.76 0.00	38.35 0.48 0.00	39.96 0.68 0.00	51.91 1.10 0.00	48.46 0.99 0.00	49.55 0.31 0.00	46.47 0.07 0.00	36.94 0.48 0.00	39.67 1.07 0.00	44.19 1.82 0.00	49.69 2.07 0.00	55.44 2.63 0.00	50.07 2.26 0.00	52.66 2.25 0.00	48.60 1.23 0.00	48.64 1.22 -0.61	56.61 1.83 -6.21	51.19 1.31 0.00	52.02 1.37 0.00	55.61 1.98 0.00	53.40 1.48 0.00	47.28 1.73 -0.01
NINE_MILE_1 23575	47.32 -1.32 0.00	40.73 -1.23 0.23	38.13 -1.13 0.00	36.76 -1.11 0.00	38.12 -1.16 0.00	45.50 -1.47 3.84	46.06 -1.35 0.05	47.83 -1.42 0.00	45.08 -1.32 0.00	35.44 -1.02 0.00	37.59 -1.01 0.00	41.32 -1.05 0.00	46.48 -1.14 0.00	51.63 -1.17 0.00	46.74 -1.08 0.00	49.27 -1.13 0.00	46.27 -1.10 0.00	44.73 -1.05 1.03	39.22 -1.06 8.29	34.68 -1.12 14.08	47.42 -1.20 2.04	52.38 -1.26 0.00	50.61 -1.31 0.00	44.34 -1.20 0.00
NINE_MILE_2 23744	47.32 -1.32 0.00	40.73 -1.23 0.23	38.13 -1.13 0.00	36.77 -1.11 0.00	38.12 -1.16 0.00	45.45 -1.47 3.90	46.06 -1.35 0.06	47.83 -1.42 0.00	45.08 -1.32 0.00	35.44 -1.02 0.00	37.59 -1.01 0.00	41.32 -1.05 0.00	46.48 -1.14 0.00	51.63 -1.17 0.00	46.73 -1.08 0.00	49.27 -1.13 0.00	46.27 -1.10 0.00	44.71 -1.05 1.04	39.09 -1.07 8.42	34.47 -1.12 14.29	47.38 -1.20 2.07	52.38 -1.26 0.00	50.61 -1.31 0.00	44.34 -1.20 0.00
NM_CAPITAL___DRP 24208	48.28 -0.36 0.00	42.03 -0.15 0.00	39.09 -0.17 0.00	37.80 -0.08 0.00	39.17 -0.11 0.00	50.62 -0.20 0.00	47.24 -0.22 0.00	49.14 -0.11 0.00	46.36 -0.03 0.00	36.31 -0.09 0.05	30.43 -0.10 8.06	37.95 -0.29 4.13	46.50 -0.41 0.72	51.28 -0.57 0.96	47.18 -0.51 0.12	49.54 -0.47 0.39	47.07 -0.30 0.00	46.61 -0.19 0.00	48.10 -0.47 0.00	49.28 -0.60 0.00	50.01 -0.64 0.00	52.83 -0.81 0.00	51.36 -0.56 0.00	45.14 -0.40 0.00
NM_CENTRAL___DRP 24181	48.35 -0.29 0.00	41.81 -0.40 -0.02	38.88 -0.37 0.00	37.51 -0.36 0.00	38.93 -0.35 0.00	50.78 -0.41 -0.37	47.13 -0.35 0.00	48.89 -0.36 0.00	46.08 -0.32 0.00	36.24 -0.21 0.00	38.52 -0.08 0.00	42.43 0.06 0.00	47.76 0.14 0.00	53.08 0.27 0.00	48.00 0.19 0.00	50.61 0.20 0.00	47.50 0.13 0.00	47.07 0.17 -0.10	49.60 0.22 -0.81	51.38 0.13 -1.37	50.90 0.05 -0.20	53.62 -0.02 0.00	51.74 -0.18 0.00	45.28 -0.26 0.00

NM_FRONTIER___DRP 24179	49.83 1.18 0.00	42.70 0.52 0.00	39.81 0.55 0.00	38.16 0.29 0.00	39.75 0.47 0.00	51.64 0.83 0.00	48.19 0.73 0.00	49.28 0.04 0.00	46.21 -0.19 0.00	36.76 0.31 0.00	39.47 0.87 0.00	44.01 1.63 0.00	49.45 1.83 0.00	55.19 2.39 0.00	49.86 2.05 0.00	52.43 2.03 0.00	48.34 0.97 0.00	48.52 0.97 -0.75	57.41 1.57 -7.26	50.93 1.05 0.00	51.72 1.06 0.00	55.32 1.68 0.00	53.15 1.23 0.00	47.12 1.57 -0.01
NM_ST_REGIS___HYD 24053	50.18 1.54 0.00	43.51 1.33 0.00	40.45 1.20 0.00	38.98 1.11 0.00	40.46 1.18 0.00	52.48 1.67 0.00	49.04 1.57 0.00	50.69 1.44 0.00	47.38 0.99 0.00	37.13 0.68 0.00	39.18 0.58 0.00	42.92 0.54 0.00	48.33 0.71 0.00	53.63 0.82 0.00	48.53 0.72 0.00	51.16 0.76 0.00	47.75 0.38 0.00	47.21 0.41 0.00	49.24 0.67 0.00	50.94 1.06 0.00	51.93 1.28 0.00	55.90 2.27 0.00	54.08 2.16 0.00	47.35 1.80 0.00
NORTHPORT___1 23551	45.94 0.65 3.35	43.69 1.50 0.00	40.31 1.05 0.00	38.79 0.92 0.00	40.25 0.97 0.00	51.87 1.06 0.00	48.51 1.05 0.00	50.00 0.75 0.00	47.70 1.31 0.00	37.90 1.39 -0.06	49.21 1.07 -9.54	42.69 0.36 0.05	42.75 0.18 5.05	42.88 -0.02 9.91	42.45 0.02 5.39	46.95 -0.20 3.26	44.18 0.00 3.19	33.34 -0.04 13.42	32.64 -0.70 15.23	13.33 -0.77 35.78	20.50 -0.29 29.86	17.14 -1.31 35.19	41.15 -0.79 9.98	43.42 -0.38 1.75
NORTHPORT___2 23552	45.94 0.65 3.35	43.69 1.50 0.00	40.31 1.05 0.00	38.79 0.92 0.00	40.25 0.97 0.00	51.87 1.06 0.00	48.51 1.05 0.00	50.00 0.75 0.00	47.70 1.31 0.00	37.90 1.39 -0.06	49.21 1.07 -9.54	42.69 0.36 0.05	42.75 0.18 5.05	42.88 -0.02 9.91	42.45 0.02 5.39	46.95 -0.20 3.26	44.18 0.00 3.19	33.34 -0.04 13.42	32.64 -0.70 15.23	13.33 -0.77 35.78	20.50 -0.29 29.86	17.14 -1.31 35.19	41.15 -0.79 9.98	43.42 -0.38 1.75
NORTHPORT___3 23553	45.78 0.47 3.33	43.56 1.37 0.00	40.20 0.95 0.00	38.68 0.80 0.00	40.13 0.85 0.00	51.70 0.88 0.00	48.35 0.88 0.00	49.83 0.59 0.00	47.50 1.11 0.00	37.76 1.25 -0.06	49.05 0.92 -9.54	42.56 0.20 0.01	42.62 0.01 5.01	42.81 -0.18 9.82	42.29 -0.18 5.35	46.77 -0.40 3.24	43.96 -0.24 3.17	33.18 -0.27 13.35	32.43 -1.00 15.15	13.17 -1.12 35.59	19.68 -0.61 30.36	16.98 -1.61 35.04	40.98 -1.02 9.92	43.27 -0.54 1.74
NORTHPORT___4 23650	45.78 0.47 3.33	43.56 1.37 0.00	40.20 0.95 0.00	38.68 0.80 0.00	40.13 0.85 0.00	51.70 0.88 0.00	48.35 0.88 0.00	49.83 0.59 0.00	47.50 1.11 0.00	37.76 1.25 -0.06	49.05 0.92 -9.54	42.56 0.20 0.01	42.62 0.01 5.01	42.81 -0.18 9.82	42.29 -0.18 5.35	46.77 -0.40 3.24	43.96 -0.24 3.17	33.18 -0.27 13.35	32.43 -1.00 15.15	13.17 -1.12 35.59	19.68 -0.61 30.36	16.98 -1.61 35.04	40.98 -1.02 9.92	43.27 -0.54 1.74
NORTHPORT___IC 23718	45.94 0.65 3.35	43.69 1.50 0.00	40.31 1.06 0.00	38.80 0.92 0.00	40.25 0.98 0.00	51.87 1.06 0.00	48.53 1.06 0.00	50.00 0.76 0.00	47.70 1.31 0.00	37.91 1.39 -0.06	49.19 1.06 -9.54	42.73 0.41 0.05	42.81 0.24 5.05	42.90 0.00 9.91	42.47 0.04 5.39	46.98 -0.17 3.26	44.21 0.03 3.19	33.37 -0.01 13.42	32.68 -0.66 15.23	13.38 -0.71 35.78	20.61 -0.18 29.86	17.23 -1.22 35.19	41.22 -0.73 9.98	43.43 -0.37 1.75
NORTH___COUNTRY_ESR 323785	48.84 0.19 0.00	42.43 0.24 0.00	39.47 0.21 0.00	38.09 0.22 0.00	39.56 0.28 0.00	51.29 0.48 0.00	47.94 0.47 0.00	49.61 0.36 0.00	46.59 0.19 0.00	36.62 0.16 0.00	38.64 0.04 0.00	42.27 -0.10 0.00	47.63 0.00 0.00	52.86 0.05 0.00	47.84 0.03 0.00	50.41 0.01 0.00	47.32 -0.05 0.00	46.61 -0.19 0.00	48.73 0.16 0.00	50.19 0.31 0.00	51.09 0.44 0.00	54.34 0.70 0.00	52.42 0.50 0.00	46.00 0.45 0.00
NPX_GEN_1385_PROXY 323591	45.79 0.50 3.35	43.53 1.34 0.00	40.31 1.05 0.00	38.79 0.92 0.00	40.23 0.95 0.00	51.87 1.06 0.00	48.57 1.11 0.00	50.01 0.76 0.00	47.83 1.43 0.00	37.98 1.46 -0.06	49.28 1.15 -9.54	42.66 0.34 0.05	42.74 0.18 5.05	42.67 -0.22 9.91	42.49 0.06 5.39	47.29 0.14 3.26	44.43 0.25 3.19	33.71 0.33 13.42	33.55 0.21 15.23	68.13 0.20 -18.06	75.31 0.66 -23.99	18.62 -0.85 34.16	40.82 -0.79 10.32	43.54 -0.26 1.75
NPX_GEN_CSC 323557	45.89 0.54 3.30	43.42 1.23 0.00	39.95 0.70 0.00	38.43 0.56 0.00	39.92 0.65 0.00	51.44 0.63 0.00	48.21 0.75 0.00	49.81 0.57 0.00	47.52 1.12 0.00	37.81 1.30 -0.06	49.21 1.08 -9.54	42.79 0.38 -0.04	42.95 0.28 4.95	43.29 0.19 9.71	42.85 0.33 5.29	47.45 0.24 3.19	44.63 0.40 3.13	33.96 0.36 13.19	33.21 -0.38 14.98	14.35 -0.32 35.21	20.92 0.11 29.84	19.14 -0.86 33.63	41.20 -0.57 10.15	43.44 -0.39 1.72
NSINS_S_GLNS_FALLS 23858	50.52 1.88 0.00	43.76 1.57 0.00	40.75 1.50 0.00	39.37 1.50 0.00	40.86 1.58 0.00	52.77 1.95 0.00	49.31 1.84 0.00	51.28 2.04 0.00	48.25 1.85 0.00	37.52 1.12 0.05	31.35 0.96 8.21	39.03 0.86 4.21	47.70 0.81 0.73	52.76 0.93 0.98	48.83 1.14 0.13	51.49 1.49 0.40	49.15 1.78 0.00	48.90 2.10 0.00	50.82 2.25 0.00	52.49 2.61 0.00	53.21 2.56 0.00	56.21 2.58 0.00	54.46 2.54 0.00	47.78 2.24 0.00
NUCOR_STEEL___DRP 24197	49.40 0.76 0.00	42.64 0.41 -0.04	39.64 0.39 0.00	38.21 0.34 0.00	39.51 0.23 0.00	51.99 0.57 -0.60	47.86 0.39 -0.01	49.61 0.36 0.00	46.89 0.49 0.00	36.70 0.24 0.00	38.94 0.34 0.00	42.88 0.51 0.00	48.43 0.81 0.00	53.95 1.14 0.00	48.91 1.10 0.00	51.50 1.10 0.00	48.42 1.05 0.00	48.04 1.08 -0.16	50.99 1.11 -1.31	53.44 1.34 -2.22	52.02 1.05 -0.32	54.65 1.02 0.00	52.85 0.93 0.00	46.29 0.75 0.00
NUMBER_THREE_WT_PWR 323818	51.43 2.78 0.00	44.44 2.24 -0.02	41.30 2.05 0.00	39.70 1.83 0.00	41.07 1.79 0.00	53.76 2.68 -0.27	49.87 2.41 0.00	51.68 2.44 0.00	48.32 1.92 0.00	37.71 1.25 0.00	39.80 1.20 0.00	43.56 1.18 0.00	48.99 1.37 0.00	54.28 1.47 0.00	48.81 1.00 0.00	52.19 1.79 0.00	48.94 1.58 0.00	48.99 2.12 -0.07	51.54 2.39 -0.58	54.34 3.47 -0.99	54.63 3.84 -0.14	57.83 4.19 0.00	55.57 3.65 0.00	48.11 2.57 0.00
NYISO_LBMP_REFERENCE 24008	48.64 0.00 0.00	42.19 0.00 0.00	39.25 0.00 0.00	37.87 0.00 0.00	39.28 0.00 0.00	50.81 0.00 0.00	47.47 0.00 0.00	49.25 0.00 0.00	46.40 0.00 0.00	36.45 0.00 0.00	38.60 0.00 0.00	42.38 0.00 0.00	47.62 0.00 0.00	52.81 0.00 0.00	47.82 0.00 0.00	50.40 0.00 0.00	47.37 0.00 0.00	46.80 0.00 0.00	48.57 0.00 0.00	49.88 0.00 0.00	50.65 0.00 0.00	53.64 0.00 0.00	51.92 0.00 0.00	45.54 0.00 0.00
NYPA_BRENTWD____GT 24164	46.86 1.44 3.23	44.22 2.03 0.00	40.75 1.49 0.00	39.22 1.34 0.00	40.70 1.42 0.00	52.47 1.66 0.00	49.12 1.65 0.00	50.62 1.38 0.00	48.42 2.02 0.00	38.47 1.96 -0.06	49.85 1.72 -9.54	43.63 1.11 -0.14	43.89 1.10 4.83	44.37 1.04 9.48	43.66 1.02 5.17	48.21 0.92 3.12	45.38 1.08 3.07	34.91 1.03 12.92	34.23 0.34 14.68	15.71 0.32 34.50	22.36 0.74 29.02	19.49 -0.20 33.94	42.51 0.21 9.62	44.24 0.38 1.68

NYPA_GOWANUS____GT5 24156	50.18	43.91	40.71	39.16	40.51	52.15	49.25	51.10	48.64	38.40	50.01	49.28	50.25	55.60	49.61	52.27	48.91	48.34	48.97	50.26	50.88	53.61	52.42	46.33
	1.53	1.72	1.46	1.29	1.23	1.34	1.78	1.86	2.24	1.89	1.88	2.02	1.78	1.65	1.65	1.40	1.54	1.54	0.41	0.38	0.23	-0.03	0.50	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.53	-4.88	-0.85	-1.14	-0.15	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT6 24157	50.18	43.91	40.71	39.16	40.51	52.15	49.25	51.10	48.64	38.40	50.01	49.28	50.25	55.60	49.61	52.27	48.91	48.34	48.97	50.26	50.88	53.61	52.42	46.33
	1.53	1.72	1.46	1.29	1.23	1.34	1.78	1.86	2.24	1.89	1.88	2.02	1.78	1.65	1.65	1.40	1.54	1.54	0.41	0.38	0.23	-0.03	0.50	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.53	-4.88	-0.85	-1.14	-0.15	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	49.93	43.70	40.51	38.97	40.33	51.91	49.05	50.98	48.45	38.25	49.89	49.11	50.14	55.49	49.45	52.01	48.60	48.08	48.79	50.11	50.74	53.49	52.50	46.25
	1.29	1.51	1.26	1.09	1.05	1.09	1.58	1.73	2.05	1.73	1.75	1.85	1.67	1.55	1.48	1.14	1.24	1.28	0.22	0.23	0.09	-0.14	0.58	0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.53	-4.88	-0.85	-1.14	-0.15	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	49.93	43.70	40.51	38.97	40.33	51.91	49.05	50.98	48.45	38.25	49.89	49.11	50.14	55.49	49.45	52.01	48.60	48.08	48.79	50.11	50.74	53.49	52.50	46.25
	1.29	1.51	1.26	1.09	1.05	1.09	1.58	1.73	2.05	1.73	1.75	1.85	1.67	1.55	1.48	1.14	1.24	1.28	0.22	0.23	0.09	-0.14	0.58	0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.53	-4.88	-0.85	-1.14	-0.15	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	50.08	43.82	40.64	39.09	40.45	52.11	49.17	51.10	48.62	38.39	50.01	49.28	50.27	55.60	49.56	52.22	48.83	48.28	48.95	50.20	50.82	53.55	52.38	46.27
	1.44	1.63	1.39	1.22	1.18	1.29	1.71	1.86	2.22	1.87	1.88	2.02	1.80	1.65	1.60	1.35	1.47	1.48	0.38	0.32	0.17	-0.09	0.46	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.53	-4.88	-0.85	-1.14	-0.15	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	50.06	43.87	40.71	39.15	40.50	52.03	49.13	50.89	48.48	38.31	49.92	49.14	50.01	55.34	49.41	52.10	48.79	48.22	48.80	50.07	50.70	53.33	51.63	46.12
	1.41	1.68	1.45	1.27	1.23	1.22	1.66	1.64	2.08	1.79	1.78	1.88	1.54	1.39	1.45	1.23	1.42	1.43	0.23	0.19	0.04	-0.30	0.22	0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.53	-4.88	-0.84	-1.14	-0.15	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00
NYPA_VERNON____GT2 24162	49.98	43.74	40.56	39.02	40.39	52.08	49.13	51.11	48.59	38.37	50.01	49.29	50.29	55.59	49.51	52.16	48.75	48.21	48.97	50.19	50.80	53.49	52.33	46.20
	1.33	1.56	1.31	1.15	1.11	1.26	1.66	1.87	2.19	1.86	1.88	2.03	1.82	1.64	1.55	1.30	1.39	1.41	0.40	0.31	0.15	-0.14	0.41	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.53	-4.88	-0.85	-1.14	-0.15	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	49.98	43.74	40.56	39.02	40.39	52.08	49.13	51.11	48.59	38.37	50.01	49.29	50.29	55.59	49.51	52.16	48.75	48.21	48.97	50.19	50.80	53.49	52.33	46.20
	1.33	1.56	1.31	1.15	1.11	1.26	1.66	1.87	2.19	1.86	1.88	2.03	1.82	1.64	1.55	1.30	1.39	1.41	0.40	0.31	0.15	-0.14	0.41	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.53	-4.88	-0.85	-1.14	-0.15	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	49.90	43.68	40.50	38.96	40.31	51.96	49.05	51.02	48.51	38.31	49.94	49.19	50.18	55.48	49.42	52.05	48.65	48.11	48.85	50.09	50.70	53.40	52.25	46.14
	1.26	1.49	1.25	1.09	1.04	1.14	1.58	1.77	2.11	1.79	1.81	1.94	1.71	1.53	1.46	1.18	1.29	1.32	0.28	0.21	0.04	-0.24	0.33	0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.53	-4.88	-0.85	-1.14	-0.15	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	49.90	43.68	40.50	38.96	40.31	51.96	49.05	51.02	48.51	38.31	49.94	49.19	50.18	55.48	49.42	52.05	48.65	48.11	48.85	50.09	50.70	53.40	52.25	46.14
	1.26	1.49	1.25	1.09	1.04	1.14	1.58	1.77	2.11	1.79	1.81	1.94	1.71	1.53	1.46	1.18	1.29	1.32	0.28	0.21	0.04	-0.24	0.33	0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.53	-4.88	-0.85	-1.14	-0.15	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	46.25	43.74	40.26	38.74	40.25	51.85	48.56	50.16	47.83	38.02	49.44	43.07	43.24	43.53	43.02	47.58	44.78	34.09	33.41	14.48	21.03	18.26	41.76	43.71
	0.90	1.55	1.01	0.87	0.97	1.03	1.09	0.91	1.43	1.50	1.30	0.67	0.57	0.45	0.51	0.38	0.55	0.51	-0.17	-0.14	0.26	-0.67	-0.33	-0.11
	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.54	-0.03	4.96	9.73	5.30	3.20	3.14	13.22	15.00	35.26	29.89	34.71	9.83	1.72
NYPA____HELLGATE_GT1 24158	49.93	43.70	40.51	38.97	40.33	51.91	49.04	50.90	48.37	38.19	49.82	49.03	50.05	55.43	49.41	52.00	48.60	48.08	48.79	50.11	50.74	53.50	52.50	46.25
	1.29	1.51	1.26	1.09	1.05	1.09	1.58	1.65	1.97	1.67	1.69	1.77	1.58	1.48	1.45	1.13	1.24	1.28	0.22	0.23	0.09	-0.14	0.58	0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.53	-4.88	-0.85	-1.14	-0.15	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	49.93	43.70	40.51	38.97	40.33	51.91	49.04	50.90	48.37	38.19	49.82	49.03	50.05	55.43	49.41	52.00	48.60	48.08	48.79	50.11	50.74	53.50	52.50	46.25
	1.29	1.51	1.26	1.09	1.05	1.09	1.58	1.65	1.97	1.67	1.69	1.77	1.58	1.48	1.45	1.13	1.24	1.28	0.22	0.23	0.09	-0.14	0.58	0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-9.53	-4.88	-0.85	-1.14	-0.15	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	50.80	43.54	40.56	38.85	40.47	52.64	49.19	50.29	47.17	37.50	40.27	44.91	50.53	56.47	50.89	53.49	49.39	50.21	63.55	52.03	52.90	56.51	54.19	47.90
	2.15	1.35	1.31	0.98	1.19	1.83	1.72	1.04	0.78	1.05	1.68	2.54	2.91	3.66	3.08	3.09	2.02	2.06	2.67	2.15	2.25	2.87	2.27	2.34
	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	-1.35	-12.30	0.00	0.00	0.00	0.00	-0.01
OAK ORCHARD____HYD 24046	50.07	43.07	40.08	38.50	40.01	51.94	48.61	50.14	47.18	37.27	39.83	44.17	49.86	55.69	50.40	53.15	49.52	48.65	48.13	52.05	52.77	56.00	53.76	47.16
	1.42	0.89	0.82	0.63	0.73	1.13	1.14	0.90	0.79	0.82	1.24	1.79	2.24	2.88	2.58	2.75	2.16	2.18	2.44	2.18	2.12	2.36	1.84	1.62
	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	0.33	2.89	0.00	0.00	0.00	0.00	0.00

OAKDALE___35_KV_LOAD 356122	49.14 0.50 0.00	42.36 0.16 -0.02	39.46 0.21 0.00	37.96 0.09 0.00	39.50 0.22 0.00	51.38 0.29 -0.27	47.75 0.27 0.00	49.54 0.29 0.00	46.62 0.22 0.00	36.64 0.19 0.00	38.99 0.39 0.00	43.09 0.71 0.00	48.42 0.80 0.00	53.79 0.98 0.00	48.67 0.86 0.00	51.24 0.84 0.00	47.99 0.62 0.00	47.58 0.71 -0.07	50.22 0.77 -0.87	51.63 0.76 -0.99	51.40 0.60 -0.14	54.20 0.57 0.00	52.39 0.47 0.00	45.85 0.31 0.00
OCC_CHEM___DRP 24175	49.95 1.31 0.00	42.80 0.62 0.00	39.90 0.65 0.00	38.24 0.37 0.00	39.84 0.56 0.00	51.76 0.94 0.00	48.31 0.84 0.00	49.39 0.15 0.00	46.31 -0.08 0.00	36.84 0.39 0.00	39.56 0.96 0.00	44.11 1.74 0.00	49.58 1.95 0.00	55.34 2.54 0.00	49.99 2.17 0.00	52.58 2.17 0.00	48.48 1.11 0.00	48.66 1.10 -0.76	57.63 1.70 -7.36	51.06 1.18 0.00	51.85 1.19 0.00	55.45 1.82 0.00	53.27 1.35 0.00	47.21 1.66 -0.01
OH_GEN_PROXY 24063	49.97 1.33 0.00	42.84 0.65 0.00	39.95 0.70 0.00	38.29 0.41 0.00	39.89 0.61 0.00	51.82 1.01 0.00	48.41 0.94 0.00	49.53 0.28 0.00	46.46 0.06 0.00	36.91 0.45 0.00	39.64 1.04 0.00	44.16 1.79 0.00	49.66 2.03 0.00	55.42 2.62 0.00	50.06 2.25 0.00	52.64 2.24 0.00	48.60 1.23 0.00	48.60 1.22 -0.58	56.27 1.83 -5.87	51.20 1.32 0.00	52.00 1.35 0.00	56.58 1.92 -1.02	53.03 1.44 0.34	47.20 1.65 -0.01
OLIN_CORP_DRP 24177	50.24 1.60 0.00	43.04 0.85 0.00	40.12 0.87 0.00	38.44 0.56 0.00	40.05 0.77 0.00	52.08 1.26 0.00	48.63 1.16 0.00	49.69 0.44 0.00	46.57 0.18 0.00	37.05 0.60 0.00	39.78 1.18 0.00	44.35 1.97 0.00	49.86 2.23 0.00	55.67 2.86 0.00	50.14 2.33 0.00	52.66 2.26 0.00	48.59 1.22 0.00	48.97 1.22 -0.95	59.33 1.83 -8.92	51.21 1.33 0.00	52.02 1.37 0.00	55.64 2.00 0.00	53.40 1.48 0.00	47.27 1.72 -0.01
OLIN_CORP_DSASP 323712	49.95 1.31 0.00	42.80 0.62 0.00	39.90 0.65 0.00	38.24 0.37 0.00	39.84 0.56 0.00	51.77 0.96 0.00	48.31 0.84 0.00	49.37 0.13 0.00	46.31 -0.09 0.00	36.84 0.39 0.00	39.58 0.98 0.00	44.12 1.75 0.00	49.60 1.98 0.00	55.35 2.54 0.00	49.98 2.17 0.00	52.57 2.17 0.00	48.47 1.10 0.00	48.66 1.10 -0.76	57.63 1.70 -7.36	51.04 1.17 0.00	51.91 1.26 0.00	55.50 1.86 0.00	53.30 1.38 0.00	47.21 1.66 -0.01
ONEIDA_HERK_LFGE 323681	50.56 1.92 0.00	43.73 1.54 -0.01	40.66 1.41 0.00	39.14 1.26 0.00	40.57 1.29 0.00	52.84 1.87 -0.15	49.13 1.66 0.00	50.98 1.74 0.00	47.84 1.44 0.00	37.46 1.01 0.00	39.64 1.04 0.00	43.49 1.12 0.00	49.00 1.37 0.00	54.29 1.49 0.00	49.10 1.29 0.00	52.14 1.74 0.00	48.98 1.61 0.00	48.73 1.89 -0.04	50.97 2.07 -0.32	52.99 2.57 -0.54	53.44 2.71 -0.08	56.48 2.85 0.00	54.42 2.50 0.00	47.37 1.83 0.00
ONEIDA___115KV_TB4 55905	50.27 1.62 0.00	43.44 1.24 -0.01	40.40 1.15 0.00	38.92 1.04 0.00	40.38 1.10 0.00	52.57 1.55 -0.21	48.90 1.43 0.00	50.70 1.46 0.00	47.64 1.24 0.00	37.36 0.91 0.00	39.58 0.98 0.00	43.54 1.16 0.00	49.11 1.49 0.00	54.50 1.69 0.00	49.43 1.62 0.00	52.28 1.88 0.00	49.11 1.75 0.00	48.77 1.92 -0.06	51.16 2.15 -0.45	52.96 2.32 -0.75	53.10 2.34 -0.11	56.01 2.38 0.00	54.00 2.07 0.00	47.11 1.57 0.00
ONONDAGA_REF_OCCRA 23987	48.72 0.08 0.00	42.11 -0.10 -0.03	39.15 -0.10 0.00	37.75 -0.12 0.00	39.17 -0.11 0.00	51.17 -0.09 -0.45	47.43 -0.04 -0.01	49.21 -0.03 0.00	46.38 -0.02 0.00	36.45 -0.01 0.00	38.72 0.12 0.00	42.66 0.29 0.00	48.03 0.41 0.00	53.39 0.58 0.00	48.32 0.51 0.00	50.94 0.53 0.00	47.81 0.44 0.00	47.41 0.50 -0.12	50.13 0.60 -0.97	52.07 0.55 -1.64	51.35 0.47 -0.24	54.06 0.42 0.00	52.14 0.22 0.00	45.62 0.08 0.00
ONONDAGA___COGEN 23986	48.70 0.05 0.00	42.13 -0.10 -0.04	39.16 -0.09 0.00	37.75 -0.12 0.00	39.13 -0.15 0.00	51.36 -0.13 -0.67	47.37 -0.11 -0.01	49.12 -0.13 0.00	46.32 -0.08 0.00	36.40 -0.06 0.00	38.64 0.04 0.00	42.56 0.18 0.00	47.92 0.30 0.00	53.28 0.47 0.00	48.26 0.44 0.00	50.83 0.43 0.00	47.73 0.37 0.00	47.41 0.43 -0.18	50.55 0.51 -1.46	52.85 0.49 -2.48	51.39 0.38 -0.36	53.97 0.33 0.00	52.09 0.17 0.00	45.59 0.05 0.00
ONTARIO___LFGE 23819	50.00 1.35 0.00	43.03 0.83 -0.02	40.13 0.87 0.00	38.52 0.64 0.00	40.09 0.81 0.00	52.04 0.99 -0.24	48.60 1.13 0.00	50.23 0.98 0.00	47.24 0.85 0.00	37.20 0.75 0.00	39.67 1.07 0.00	43.79 1.41 0.00	49.25 1.63 0.00	54.96 2.15 0.00	49.78 1.97 0.00	52.41 2.01 0.00	49.19 1.82 0.00	48.84 1.98 -0.06	51.48 2.40 -0.51	53.07 2.32 -0.87	52.94 2.16 -0.13	55.83 2.20 0.00	53.61 1.69 0.00	46.85 1.31 0.00
ORANGEVILLE_WT_PWR 323706	50.53 1.89 0.00	43.25 1.06 0.00	40.32 1.07 0.00	38.57 0.70 0.00	40.25 0.97 0.00	52.31 1.50 0.00	48.92 1.46 0.00	50.24 1.00 0.00	46.96 0.56 0.00	37.19 0.73 0.00	39.98 1.37 0.00	44.43 2.06 0.00	49.93 2.31 0.00	55.76 2.95 0.00	50.33 2.51 0.00	53.02 2.62 0.00	49.24 1.87 0.00	49.39 2.03 -0.56	56.50 2.54 -5.39	52.14 2.26 0.00	52.92 2.27 0.00	56.27 2.64 0.00	53.85 1.93 0.00	47.34 1.79 -0.01
ORANGEVILLE___ESR 323794	50.53 1.89 0.00	43.25 1.06 0.00	40.32 1.07 0.00	38.57 0.70 0.00	40.25 0.97 0.00	52.31 1.50 0.00	48.92 1.46 0.00	50.24 1.00 0.00	46.96 0.56 0.00	37.19 0.73 0.00	39.98 1.37 0.00	44.43 2.06 0.00	49.93 2.31 0.00	55.76 2.95 0.00	50.33 2.51 0.00	53.02 2.62 0.00	49.24 1.87 0.00	49.39 2.03 -0.56	56.50 2.54 -5.39	52.14 2.26 0.00	52.92 2.27 0.00	56.27 2.64 0.00	53.85 1.93 0.00	47.34 1.79 -0.01
OSWEGATCHIE___HYD 24044	50.68 2.04 0.00	43.89 1.69 -0.01	40.79 1.53 0.00	39.26 1.39 0.00	40.70 1.42 0.00	53.03 2.05 -0.17	49.35 1.88 0.00	51.04 1.79 0.00	47.70 1.30 0.00	37.31 0.86 0.00	39.36 0.76 0.00	43.10 0.72 0.00	48.48 0.86 0.00	53.79 0.98 0.00	48.56 0.74 0.00	51.40 1.00 0.00	48.04 0.68 0.00	47.79 0.94 -0.05	50.12 1.18 -0.37	52.37 1.87 -0.62	52.87 2.13 -0.09	56.64 3.00 0.00	54.69 2.76 0.00	47.67 2.12 0.00
OSWEGO___5 23606	47.72 -0.92 0.00	41.47 -0.89 -0.17	38.45 -0.80 0.00	37.08 -0.80 0.00	38.45 -0.83 0.00	52.64 -1.04 -2.86	46.55 -0.96 -0.04	48.24 -1.01 0.00	45.46 -0.93 0.00	35.73 -0.72 0.00	37.91 -0.69 0.00	41.68 -0.69 0.00	46.88 -0.74 0.00	52.08 -0.73 0.00	47.14 -0.67 0.00	49.71 -0.69 0.00	46.67 -0.69 0.00	46.91 -0.65 -0.76	54.11 -0.64 -6.18	59.68 -0.69 -10.49	51.42 -0.75 -1.52	52.84 -0.80 0.00	51.04 -0.88 0.00	44.72 -0.82 0.00
OSWEGO___6 23613	47.72 -0.92 0.00	41.47 -0.89 -0.17	38.45 -0.80 0.00	37.08 -0.80 0.00	38.45 -0.83 0.00	52.64 -1.04 -2.86	46.55 -0.96 -0.04	48.24 -1.01 0.00	45.46 -0.93 0.00	35.73 -0.72 0.00	37.91 -0.69 0.00	41.68 -0.69 0.00	46.88 -0.74 0.00	52.08 -0.73 0.00	47.14 -0.67 0.00	49.71 -0.69 0.00	46.67 -0.69 0.00	46.91 -0.65 -0.76	54.11 -0.64 -6.18	59.68 -0.69 -10.49	51.42 -0.75 -1.52	52.84 -0.80 0.00	51.04 -0.88 0.00	44.72 -0.82 0.00

OUTOKUMPU-AB___DRP 24206	51.41 2.77 0.00	43.96 1.78 0.00	40.95 1.70 0.00	39.20 1.33 0.00	40.82 1.54 0.00	53.08 2.27 0.00	49.60 2.13 0.00	50.80 1.55 0.00	47.66 1.27 0.00	37.94 1.48 0.00	40.78 2.18 0.00	45.55 3.18 0.00	51.26 3.64 0.00	57.30 4.49 0.00	51.64 3.83 0.00	54.26 3.86 0.00	50.07 2.71 0.00	50.46 2.71 -0.94	60.75 3.31 -8.87	52.67 2.79 0.00	53.44 2.79 0.00	57.04 3.41 0.00	54.82 2.90 0.00	48.48 2.93 -0.01
OXBOW___BTM 323836	50.70 2.05 0.00	43.39 1.21 0.00	40.42 1.17 0.00	38.72 0.84 0.00	40.33 1.05 0.00	52.41 1.60 0.00	48.95 1.49 0.00	50.08 0.83 0.00	47.00 0.61 0.00	37.41 0.95 0.00	40.23 1.62 0.00	44.89 2.51 0.00	50.51 2.88 0.00	56.40 3.59 0.00	50.89 3.08 0.00	53.51 3.10 0.00	49.35 1.99 0.00	49.64 1.99 -0.85	59.26 2.56 -8.13	51.91 2.03 0.00	52.76 2.11 0.00	56.34 2.71 0.00	54.11 2.19 0.00	47.87 2.32 -0.01
OXBOW___ 24026	50.70 2.06 0.00	43.40 1.21 0.00	40.42 1.17 0.00	38.72 0.84 0.00	40.33 1.05 0.00	52.41 1.60 0.00	48.95 1.48 0.00	50.10 0.85 0.00	47.01 0.61 0.00	37.41 0.96 0.00	40.20 1.60 0.00	44.88 2.51 0.00	50.48 2.86 0.00	56.40 3.60 0.00	50.90 3.09 0.00	53.50 3.10 0.00	49.36 2.00 0.00	49.64 1.99 -0.85	59.27 2.58 -8.13	51.93 2.05 0.00	52.69 2.04 0.00	56.30 2.66 0.00	54.10 2.18 0.00	47.87 2.32 -0.01
OXY_CHEM_DSASP 323612	49.95 1.31 0.00	42.80 0.62 0.00	39.90 0.65 0.00	38.24 0.37 0.00	39.84 0.56 0.00	51.76 0.94 0.00	48.31 0.84 0.00	49.39 0.15 0.00	46.31 -0.08 0.00	36.84 0.39 0.00	39.56 0.96 0.00	44.11 1.74 0.00	49.58 1.95 0.00	55.34 2.54 0.00	49.99 2.17 0.00	52.58 2.17 0.00	48.48 1.11 0.00	48.66 1.10 -0.76	57.63 1.70 -7.36	51.06 1.18 0.00	51.85 1.19 0.00	55.45 1.82 0.00	53.27 1.35 0.00	47.21 1.66 -0.01
OZONE_PARK_ESR 323760	50.61 1.97 0.00	44.15 1.96 0.00	40.95 1.70 0.00	39.39 1.51 0.00	40.76 1.48 0.00	52.67 1.86 0.00	49.54 2.07 0.00	51.61 2.36 0.00	48.96 2.56 0.00	38.67 2.16 -0.06	50.37 2.23 -9.53	49.72 2.46 -4.88	50.91 2.44 -0.85	56.33 2.38 -1.14	50.12 2.15 -0.15	52.89 2.02 -0.46	49.34 1.97 0.00	48.74 1.94 0.00	49.78 1.20 0.00	50.93 1.05 0.00	51.57 0.91 0.00	54.29 0.66 0.00	52.98 1.06 0.00	46.61 1.07 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	49.95 1.31 0.00	42.80 0.62 0.00	39.90 0.65 0.00	38.24 0.37 0.00	39.84 0.56 0.00	51.76 0.94 0.00	48.31 0.84 0.00	49.39 0.15 0.00	46.31 -0.08 0.00	36.84 0.39 0.00	39.56 0.96 0.00	44.11 1.74 0.00	49.58 1.95 0.00	55.34 2.54 0.00	49.99 2.17 0.00	52.58 2.17 0.00	48.48 1.11 0.00	48.66 1.10 -0.76	57.63 1.70 -7.36	51.06 1.18 0.00	51.85 1.19 0.00	55.45 1.82 0.00	53.27 1.35 0.00	47.21 1.66 -0.01
PACKARD___115KV_DUPONT_184 80571	49.95 1.31 0.00	42.80 0.62 0.00	39.90 0.65 0.00	38.24 0.37 0.00	39.84 0.56 0.00	51.76 0.94 0.00	48.31 0.84 0.00	49.39 0.15 0.00	46.31 -0.08 0.00	36.84 0.39 0.00	39.56 0.96 0.00	44.11 1.74 0.00	49.58 1.95 0.00	55.34 2.54 0.00	49.99 2.17 0.00	52.58 2.17 0.00	48.48 1.11 0.00	48.66 1.10 -0.76	57.63 1.70 -7.36	51.06 1.18 0.00	51.85 1.19 0.00	55.45 1.82 0.00	53.27 1.35 0.00	47.21 1.66 -0.01
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	49.90 1.26 0.00	43.66 1.47 0.00	40.46 1.21 0.00	38.94 1.06 0.00	40.29 1.02 0.00	51.90 1.09 0.00	49.02 1.56 0.00	50.93 1.68 0.00	48.39 1.99 0.00	38.18 1.67 -0.06	49.80 1.67 -9.53	49.07 1.81 -4.88	50.09 1.62 -0.85	55.48 1.53 -1.14	49.45 1.49 -0.15	52.05 1.18 -0.46	48.66 1.29 0.00	48.15 1.35 0.00	48.85 0.28 0.00	50.17 0.30 0.00	50.85 0.20 0.00	53.60 -0.04 0.00	52.45 0.53 0.00	46.21 0.67 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	51.34 2.69 0.00	44.89 2.70 0.00	41.64 2.38 0.00	40.08 2.21 0.00	41.52 2.24 0.00	53.52 2.71 0.00	50.58 3.11 0.00	52.46 3.22 0.00	49.79 3.39 0.00	39.23 2.71 -0.06	50.78 2.65 -9.53	50.15 2.89 -4.88	51.26 2.79 -0.85	56.82 2.88 -1.14	50.60 2.64 -0.15	53.23 2.36 -0.46	49.69 2.33 0.00	49.18 2.38 0.00	49.90 1.32 0.00	51.31 1.43 0.00	52.02 1.36 0.00	54.88 1.25 0.00	53.81 1.88 0.00	47.29 1.75 0.00
PATROON___115KV_TB1 80586	48.41 -0.23 0.00	42.12 -0.07 0.00	39.16 -0.09 0.00	37.85 -0.02 0.00	39.23 -0.05 0.00	50.70 -0.11 0.00	47.33 -0.13 0.00	49.22 -0.02 0.00	46.44 0.04 0.00	36.40 -0.01 0.05	31.12 0.00 7.48	38.38 -0.16 3.83	46.70 -0.26 0.66	51.56 -0.35 0.89	47.42 -0.28 0.12	49.79 -0.24 0.36	47.30 -0.06 0.00	46.83 0.03 0.00	48.33 -0.24 0.00	49.52 -0.36 0.00	50.22 -0.43 0.00	53.04 -0.59 0.00	51.52 -0.40 0.00	45.27 -0.28 0.00
PATTRSNVILLE___SOLAR 323815	50.04 1.39 0.00	43.38 1.19 0.00	40.34 1.09 0.00	38.95 1.08 0.00	40.39 1.11 0.00	52.23 1.42 0.00	48.79 1.32 0.00	50.54 1.29 0.00	47.43 1.03 0.00	37.03 0.62 0.04	33.00 0.47 6.06	39.61 0.34 3.11	47.39 0.31 0.54	52.53 0.45 0.72	48.36 0.64 0.09	50.89 0.78 0.30	48.32 0.95 0.00	48.05 1.25 0.00	49.98 1.40 0.00	51.44 1.56 0.00	52.20 1.55 0.00	55.07 1.44 0.00	53.32 1.40 0.00	46.71 1.17 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	52.15 3.51 0.00	44.54 2.35 0.00	41.47 2.22 0.00	39.65 1.78 0.00	41.31 2.03 0.00	53.73 2.92 0.00	50.27 2.80 0.00	51.57 2.32 0.00	48.40 2.01 0.00	38.53 2.08 0.00	41.47 2.87 0.00	46.36 3.98 0.00	52.21 4.58 0.00	58.40 5.59 0.00	52.78 4.96 0.00	55.55 5.14 0.00	51.39 4.03 0.00	51.58 4.00 -0.78	60.70 4.64 -7.49	54.03 4.15 0.00	54.68 4.03 0.00	58.30 4.66 0.00	55.78 3.86 0.00	49.12 3.57 -0.01
PAWLING_115_KV_BK3_REV_LBMP_H 345028	50.18 1.54 0.00	43.72 1.54 0.00	40.59 1.34 0.00	39.09 1.21 0.00	40.46 1.18 0.00	52.28 1.47 0.00	49.05 1.59 0.00	51.10 1.85 0.00	48.43 2.03 0.00	38.19 1.68 -0.05	48.72 1.76 -8.36	48.61 1.96 -4.29	50.42 2.05 -0.74	55.88 2.07 -1.00	49.83 1.88 -0.13	52.61 1.80 -0.41	49.11 1.74 0.00	48.61 1.81 0.00	49.85 1.28 0.00	51.06 1.19 0.00	51.74 1.09 0.00	54.45 0.81 0.00	52.98 1.06 0.00	46.48 0.94 0.00
PEEKSKILL___ 23653	49.71 1.07 0.00	43.38 1.19 0.00	40.26 1.01 0.00	38.77 0.90 0.00	40.13 0.85 0.00	51.85 1.03 0.00	48.67 1.20 0.00	50.64 1.40 0.00	47.97 1.58 0.00	37.84 1.33 -0.06	49.47 1.37 -9.50	48.71 1.47 -4.87	49.90 1.43 -0.84	55.30 1.36 -1.14	49.18 1.22 -0.15	52.00 1.14 -0.46	48.49 1.13 0.00	47.91 1.12 0.00	49.03 0.46 0.00	50.26 0.38 0.00	50.96 0.31 0.00	53.64 0.01 0.00	52.28 0.35 0.00	45.95 0.41 0.00
PGE MADISON___WINDPWR 24146	52.65 4.01 0.00	45.30 3.09 -0.02	42.00 2.74 0.00	40.32 2.44 0.00	41.77 2.49 0.00	54.52 3.42 -0.29	50.95 3.48 0.00	52.91 3.66 0.00	49.64 3.25 0.00	38.89 2.44 0.00	41.39 2.79 0.00	45.58 3.20 0.00	51.58 3.96 0.00	57.53 4.73 0.00	51.89 4.08 0.00	54.73 4.33 0.00	51.66 4.30 0.00	51.42 4.54 -0.08	54.05 4.86 -0.62	56.17 5.24 -1.05	56.02 5.21 -0.15	58.76 5.13 0.00	56.46 4.54 0.00	49.07 3.53 0.00

PIERCEFIELD___HYD 23852	50.31 1.66 0.00	43.60 1.42 0.00	40.54 1.29 0.00	39.05 1.18 0.00	40.53 1.26 0.00	52.55 1.74 0.00	49.09 1.62 0.00	50.73 1.49 0.00	47.40 1.01 0.00	37.13 0.68 0.00	39.18 0.58 0.00	42.95 0.58 0.00	48.34 0.72 0.00	53.63 0.82 0.00	48.53 0.71 0.00	51.15 0.75 0.00	47.68 0.31 0.00	47.16 0.36 0.00	49.12 0.54 0.00	50.85 0.97 0.00	51.80 1.15 0.00	55.92 2.29 0.00	54.17 2.25 0.00	47.43 1.88 0.00
PINELAWN_CC_1 323563	47.16 1.39 2.87	44.09 1.90 0.00	40.65 1.39 0.00	39.09 1.22 0.00	40.56 1.29 0.00	52.31 1.50 0.00	49.02 1.55 0.00	50.69 1.45 0.00	48.35 1.95 0.00	38.39 1.88 -0.06	49.56 1.42 -9.54	43.74 0.69 -0.67	44.05 0.62 4.20	45.01 0.49 8.28	43.65 0.42 4.58	47.85 0.18 2.73	44.99 0.36 2.73	35.57 0.28 11.51	34.99 -0.45 13.14	18.65 -0.31 30.92	24.91 0.07 25.81	22.53 -0.70 30.41	43.49 0.19 8.62	44.41 0.37 1.51
PJM_GEN_HTTP_PROXY 323702	49.94 1.30 0.00	43.60 1.41 0.00	39.65 1.21 0.81	38.69 1.06 0.25	40.30 1.02 0.00	52.05 1.24 0.00	48.94 1.48 0.00	51.00 1.75 0.00	48.82 1.99 -0.43	38.22 1.71 -0.06	49.90 1.76 -9.53	49.16 1.90 -4.88	50.28 1.81 -0.85	55.64 1.70 -1.14	49.50 1.54 -0.15	52.24 1.37 -0.46	48.72 1.36 0.00	48.16 1.36 0.00	49.18 0.61 0.00	50.32 0.44 0.00	50.94 0.29 0.00	53.75 -0.01 -0.12	52.30 0.42 0.05	46.07 0.53 0.00
PJM_GEN_KEystone 24065	49.30 0.66 0.00	42.62 0.43 0.00	38.87 0.43 0.81	37.86 0.23 0.25	39.56 0.28 0.00	51.19 0.38 0.00	48.05 0.58 0.00	49.71 0.46 0.00	47.27 0.44 -0.43	36.96 0.48 -0.03	44.29 0.77 -4.92	46.08 1.18 -2.52	49.35 1.29 -0.44	54.83 1.44 -0.59	49.13 1.24 -0.08	51.77 1.13 -0.24	48.10 0.73 0.00	47.82 0.79 -0.23	51.52 0.64 -2.31	50.30 0.42 0.00	51.00 0.35 0.00	54.14 0.38 -0.13	52.26 0.42 0.08	46.01 0.46 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.12 1.06 3.58	43.74 1.55 0.00	39.52 1.08 0.81	38.58 0.96 0.25	40.26 0.99 0.00	51.94 1.13 0.00	48.67 1.20 0.00	50.40 1.16 0.00	48.41 1.58 -0.43	38.05 1.53 -0.06	49.50 1.37 -9.54	42.94 0.97 0.40	43.06 0.90 5.46	42.92 0.80 10.69	42.77 0.73 5.77	47.45 0.55 3.51	44.62 0.66 3.40	33.06 0.61 14.34	32.24 -0.09 16.24	11.59 -0.14 38.15	16.56 0.11 34.21	15.45 -0.63 37.55	41.12 -0.13 10.67	43.80 0.12 1.86
PJM_GEN_VFT_PROXY 323633	49.71 1.07 0.00	43.43 1.24 0.00	39.48 1.04 0.81	38.52 0.89 0.25	40.11 0.83 0.00	51.79 0.98 0.00	48.72 1.26 0.00	50.75 1.50 0.00	48.58 1.76 -0.43	38.04 1.53 -0.06	49.70 1.57 -9.53	48.96 1.70 -4.88	50.06 1.59 -0.85	55.35 1.41 -1.14	49.28 1.32 -0.15	51.99 1.13 -0.46	48.54 1.18 0.00	47.98 1.19 0.00	48.97 0.39 0.00	50.06 0.18 0.00	50.56 -0.09 0.00	53.32 -0.44 -0.12	51.41 0.04 0.56	45.77 0.23 0.00
PLATSBURG_115KV_PMLD1 355749	48.67 0.03 0.00	42.42 0.24 0.00	39.47 0.21 0.00	38.09 0.22 0.00	39.56 0.28 0.00	51.31 0.50 0.00	47.94 0.48 0.00	49.64 0.39 0.00	46.58 0.19 0.00	36.61 0.16 0.00	38.61 0.01 0.00	42.11 -0.27 0.00	47.44 -0.19 0.00	52.64 -0.17 0.00	47.66 -0.15 0.00	50.22 -0.18 0.00	47.15 -0.22 0.00	46.46 -0.34 0.00	48.59 0.02 0.00	50.07 0.19 0.00	50.98 0.33 0.00	54.20 0.56 0.00	52.28 0.36 0.00	45.84 0.30 0.00
PLEASANTVLY___LBMP 24000	49.34 0.70 0.00	43.00 0.81 0.00	39.94 0.68 0.00	38.49 0.62 0.00	39.86 0.58 0.00	51.49 0.68 0.00	48.29 0.82 0.00	50.25 1.01 0.00	47.57 1.18 0.00	37.49 0.97 -0.07	50.13 0.98 -10.55	48.80 1.02 -5.40	49.50 0.94 -0.94	54.88 0.82 -1.26	48.72 0.74 -0.16	51.55 0.64 -0.52	48.06 0.69 0.00	47.53 0.73 0.00	48.76 0.19 0.00	49.98 0.10 0.00	50.69 0.03 0.00	53.39 -0.25 0.00	52.02 0.10 0.00	45.72 0.18 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	49.81 1.16 0.00	43.45 1.26 0.00	40.32 1.07 0.00	38.83 0.95 0.00	40.20 0.92 0.00	51.93 1.12 0.00	48.78 1.32 0.00	50.77 1.53 0.00	48.12 1.72 0.00	37.97 1.46 -0.06	49.67 1.50 -9.58	48.89 1.61 -4.91	50.05 1.57 -0.85	55.44 1.49 -1.14	49.31 1.35 -0.15	52.10 1.23 -0.47	48.59 1.22 0.00	48.04 1.24 0.00	49.18 0.61 0.00	50.38 0.50 0.00	51.06 0.41 0.00	53.75 0.12 0.00	52.40 0.47 0.00	46.08 0.54 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	49.81 1.16 0.00	43.45 1.26 0.00	40.32 1.07 0.00	38.83 0.95 0.00	40.20 0.92 0.00	51.93 1.12 0.00	48.78 1.32 0.00	50.77 1.53 0.00	48.12 1.72 0.00	37.97 1.46 -0.06	49.67 1.50 -9.58	48.89 1.61 -4.91	50.05 1.57 -0.85	55.44 1.49 -1.14	49.31 1.35 -0.15	52.10 1.23 -0.47	48.59 1.22 0.00	48.04 1.24 0.00	49.18 0.61 0.00	50.38 0.50 0.00	51.06 0.41 0.00	53.75 0.12 0.00	52.40 0.47 0.00	46.08 0.54 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	49.92 1.28 0.00	43.44 1.25 0.00	40.33 1.07 0.00	38.84 0.97 0.00	40.21 0.93 0.00	51.96 1.15 0.00	48.77 1.30 0.00	50.80 1.55 0.00	48.09 1.69 0.00	37.83 1.38 0.00	40.04 1.44 0.00	43.97 1.60 0.00	49.26 1.64 0.00	54.43 1.62 0.00	49.30 1.49 0.00	51.81 1.41 0.00	48.80 1.43 0.00	48.34 1.54 0.00	49.60 1.02 0.00	50.85 0.97 0.00	51.54 0.89 0.00	54.24 0.61 0.00	52.73 0.81 0.00	46.29 0.74 0.00
POLETTI_____ 23519	49.85 1.21 0.00	43.52 1.33 0.00	40.38 1.13 0.00	38.86 0.98 0.00	40.21 0.93 0.00	51.95 1.13 0.00	48.85 1.38 0.00	50.88 1.63 0.00	48.29 1.90 0.00	38.15 1.63 -0.06	49.79 1.66 -9.53	49.07 1.82 -4.88	50.17 1.70 -0.85	55.50 1.55 -1.14	49.37 1.41 -0.15	52.10 1.23 -0.46	48.60 1.24 0.00	48.03 1.23 0.00	49.02 0.45 0.00	50.16 0.28 0.00	50.76 0.11 0.00	53.44 -0.20 0.00	52.19 0.27 0.00	45.96 0.42 0.00
POMONA___ESR 323819	49.56 0.92 0.00	43.22 1.04 0.00	40.13 0.88 0.00	38.65 0.77 0.00	39.99 0.71 0.00	51.68 0.87 0.00	48.51 1.05 0.00	50.45 1.20 0.00	47.75 1.36 0.00	37.65 1.14 -0.06	48.46 1.20 -8.66	48.15 1.34 -4.44	49.78 1.39 -0.77	55.18 1.34 -1.04	49.14 1.19 -0.13	51.95 1.13 -0.42	48.45 1.08 0.00	47.96 1.16 0.00	49.13 0.55 0.00	50.37 0.49 0.00	51.09 0.43 0.00	53.80 0.17 0.00	52.37 0.45 0.00	46.00 0.46 0.00
PORT_JEFF_3 23555	46.23 0.88 3.30	43.70 1.51 0.00	40.23 0.98 0.00	38.75 0.88 0.00	40.35 1.07 0.00	52.00 1.19 0.00	48.70 1.24 0.00	50.31 1.07 0.00	47.98 1.58 0.00	38.15 1.63 -0.06	49.56 1.43 -9.54	43.23 0.82 -0.04	43.43 0.76 4.95	43.76 0.67 9.71	43.22 0.70 5.29	47.82 0.61 3.19	44.94 0.71 3.13	34.27 0.67 13.19	33.63 0.03 14.98	14.74 0.07 35.21	21.27 0.46 29.84	18.51 -0.47 34.65	41.97 -0.13 9.82	43.87 0.04 1.72
PORT_JEFF_4 23616	46.23 0.88 3.30	43.70 1.51 0.00	40.23 0.98 0.00	38.75 0.88 0.00	40.35 1.07 0.00	52.00 1.19 0.00	48.70 1.24 0.00	50.31 1.07 0.00	47.98 1.58 0.00	38.15 1.63 -0.06	49.56 1.43 -9.54	43.23 0.82 -0.04	43.43 0.76 4.95	43.76 0.67 9.71	43.22 0.70 5.29	47.82 0.61 3.19	44.94 0.71 3.13	34.27 0.67 13.19	33.63 0.03 14.98	14.74 0.07 35.21	21.27 0.46 29.84	18.51 -0.47 34.65	41.97 -0.13 9.82	43.87 0.04 1.72

PORT_JEFF_IC 23713	46.34 0.98 3.28	43.77 1.59 0.00	40.29 1.04 0.00	38.81 0.93 0.00	40.37 1.10 0.00	52.02 1.21 0.00	48.75 1.28 0.00	50.35 1.10 0.00	48.01 1.61 0.00	38.19 1.67 -0.06	49.59 1.45 -9.54	43.34 0.91 -0.06	43.60 0.90 4.92	43.91 0.77 9.67	43.34 0.80 5.27	47.96 0.73 3.18	44.98 0.73 3.12	34.37 0.71 13.14	33.82 0.16 14.92	15.04 0.23 35.07	21.61 0.67 29.71	18.84 -0.28 34.52	42.12 -0.03 9.78	43.92 0.08 1.71
PPL PILGRIM_ST_GT1 24216	46.86 1.44 3.23	44.22 2.03 0.00	40.75 1.49 0.00	39.22 1.34 0.00	40.70 1.42 0.00	52.47 1.66 0.00	49.12 1.65 0.00	50.62 1.38 0.00	48.42 2.02 0.00	38.47 1.96 -0.06	49.85 1.72 -9.54	43.63 1.11 -0.14	43.89 1.10 4.83	44.37 1.04 9.48	43.66 1.02 5.17	48.21 0.92 3.12	45.38 1.08 3.07	34.91 1.03 12.92	34.23 0.34 14.68	15.71 0.32 34.50	22.36 0.74 29.02	19.49 -0.20 33.94	42.51 0.21 9.62	44.24 0.38 1.68
PPL PILGRIM_ST_GT2 24217	46.86 1.44 3.23	44.22 2.03 0.00	40.75 1.49 0.00	39.22 1.34 0.00	40.70 1.42 0.00	52.47 1.66 0.00	49.12 1.65 0.00	50.62 1.38 0.00	48.42 2.02 0.00	38.47 1.96 -0.06	49.85 1.72 -9.54	43.63 1.11 -0.14	43.89 1.10 4.83	44.37 1.04 9.48	43.66 1.02 5.17	48.21 0.92 3.12	45.38 1.08 3.07	34.91 1.03 12.92	34.23 0.34 14.68	15.71 0.32 34.50	22.36 0.74 29.02	19.49 -0.20 33.94	42.51 0.21 9.62	44.24 0.38 1.68
PPL_SHRM_GT3 24213	45.94 0.58 3.29	43.44 1.26 0.00	39.98 0.72 0.00	38.45 0.58 0.00	39.94 0.66 0.00	51.45 0.63 0.00	48.24 0.77 0.00	49.83 0.59 0.00	47.54 1.14 0.00	37.83 1.31 -0.06	49.24 1.10 -9.54	42.80 0.38 -0.05	42.96 0.27 4.94	43.31 0.20 9.69	42.88 0.35 5.28	47.48 0.26 3.19	44.68 0.44 3.13	34.03 0.40 13.17	33.27 -0.35 14.95	14.46 -0.28 35.14	21.03 0.15 29.78	18.23 -0.82 34.59	41.59 -0.53 9.80	43.48 -0.35 1.71
PPL_SHRM_GT4 24214	45.94 0.58 3.29	43.44 1.26 0.00	39.98 0.72 0.00	38.45 0.58 0.00	39.94 0.66 0.00	51.45 0.63 0.00	48.24 0.77 0.00	49.83 0.59 0.00	47.54 1.14 0.00	37.83 1.31 -0.06	49.24 1.10 -9.54	42.80 0.38 -0.05	42.96 0.27 4.94	43.31 0.20 9.69	42.88 0.35 5.28	47.48 0.26 3.19	44.68 0.44 3.13	34.03 0.40 13.17	33.27 -0.35 14.95	14.46 -0.28 35.14	21.03 0.15 29.78	18.23 -0.82 34.59	41.59 -0.53 9.80	43.48 -0.35 1.71
PROJECT___ORANGE 1 24174	48.37 -0.27 0.00	41.82 -0.39 -0.02	38.90 -0.36 0.00	37.52 -0.35 0.00	38.93 -0.34 0.00	50.78 -0.40 -0.37	47.13 -0.34 0.00	48.91 -0.33 0.00	46.10 -0.29 0.00	36.27 -0.19 0.00	38.54 -0.06 0.00	42.46 0.09 0.00	47.80 0.17 0.00	53.13 0.32 0.00	48.05 0.23 0.00	50.65 0.24 0.00	47.53 0.16 0.00	47.09 0.19 -0.10	49.62 0.24 -0.81	51.40 0.16 -1.37	50.91 0.06 -0.20	53.64 0.01 0.00	51.75 -0.17 0.00	45.30 -0.24 0.00
PROJECT___ORANGE 2 24166	48.37 -0.27 0.00	41.82 -0.39 -0.02	38.90 -0.36 0.00	37.52 -0.35 0.00	38.93 -0.34 0.00	50.78 -0.40 -0.37	47.13 -0.34 0.00	48.91 -0.33 0.00	46.10 -0.29 0.00	36.27 -0.19 0.00	38.54 -0.06 0.00	42.46 0.09 0.00	47.80 0.17 0.00	53.13 0.32 0.00	48.05 0.23 0.00	50.65 0.24 0.00	47.53 0.16 0.00	47.09 0.19 -0.10	49.62 0.24 -0.81	51.40 0.16 -1.37	50.91 0.06 -0.20	53.64 0.01 0.00	51.75 -0.17 0.00	45.30 -0.24 0.00
PUCKETT___SOLAR 323809	49.95 1.31 0.00	43.05 0.84 -0.02	40.08 0.82 0.00	38.54 0.66 0.00	40.09 0.81 0.00	52.16 1.08 -0.27	48.54 1.07 0.00	50.35 1.10 0.00	47.30 0.90 0.00	37.06 0.60 0.00	39.32 0.72 0.00	43.35 0.97 0.00	48.87 1.24 0.00	54.41 1.60 0.00	49.21 1.39 0.00	51.86 1.45 0.00	48.69 1.32 0.00	48.38 1.51 -0.07	50.96 1.57 -0.82	52.57 1.71 -0.98	52.49 1.70 -0.14	55.29 1.65 0.00	53.34 1.42 0.00	46.61 1.07 0.00
PYRITES___HYD 24023	51.19 2.55 0.00	44.36 2.17 0.00	41.23 1.98 0.00	39.76 1.88 0.00	41.28 1.99 0.00	53.52 2.71 0.00	49.99 2.52 0.00	51.52 2.27 0.00	47.86 1.47 0.00	37.30 0.85 0.00	39.32 0.72 0.00	43.08 0.70 0.00	48.48 0.86 0.00	53.77 0.96 0.00	48.69 0.87 0.00	51.29 0.89 0.00	47.82 0.45 0.00	47.55 0.75 0.00	49.84 1.26 0.00	51.88 2.00 0.00	53.19 2.54 0.00	57.20 3.56 0.00	55.28 3.35 0.00	48.34 2.80 0.00
QUAKERRD_115KV_BK1 80622	48.65 0.00 0.00	41.91 -0.28 0.00	38.98 -0.27 0.00	37.49 -0.39 0.00	38.93 -0.35 0.00	50.52 -0.30 0.00	47.26 -0.21 0.00	48.83 -0.41 0.00	45.97 -0.43 0.00	36.28 -0.17 0.00	38.71 0.11 0.00	42.87 0.49 0.00	48.36 0.73 0.00	53.97 1.16 0.00	48.86 1.05 0.00	51.51 1.11 0.00	48.09 0.72 0.00	47.54 0.74 0.00	49.22 0.93 0.28	50.58 0.70 0.00	51.23 0.57 0.00	54.31 0.68 0.00	52.22 0.30 0.00	45.80 0.26 0.00
QUENSBRY_115KV_TB8 356137	50.60 1.95 0.00	43.79 1.60 0.00	40.78 1.53 0.00	39.41 1.54 0.00	40.89 1.61 0.00	52.83 2.01 0.00	49.38 1.91 0.00	51.39 2.14 0.00	48.36 1.96 0.00	37.57 1.17 0.05	31.50 1.00 8.10	39.16 0.93 4.15	47.78 0.88 0.72	52.86 1.02 0.97	48.93 1.24 0.13	51.64 1.64 0.39	49.30 1.93 0.00	49.08 2.28 0.00	51.02 2.45 0.00	52.71 2.83 0.00	53.43 2.78 0.00	56.44 2.80 0.00	54.67 2.75 0.00	47.96 2.42 0.00
RAMAPO___LBMP 323565	49.33 0.69 0.00	43.02 0.83 0.00	39.96 0.70 0.00	38.47 0.59 0.00	39.81 0.53 0.00	51.46 0.64 0.00	48.31 0.85 0.00	50.21 0.97 0.00	47.50 1.11 0.00	37.43 0.93 -0.05	48.02 0.97 -8.45	47.78 1.08 -4.33	49.48 1.11 -0.75	54.87 1.05 -1.01	48.86 0.92 -0.13	51.69 0.87 -0.41	48.21 0.84 0.00	47.74 0.94 0.00	48.93 0.36 0.00	50.19 0.31 0.00	50.93 0.27 0.00	53.61 -0.03 0.00	52.19 0.27 0.00	45.84 0.29 0.00
RANKINE____ 23646	51.56 2.92 0.00	44.08 1.90 0.00	41.08 1.83 0.00	39.29 1.42 0.00	40.94 1.66 0.00	53.25 2.43 0.00	49.78 2.31 0.00	51.04 1.79 0.00	47.86 1.47 0.00	38.07 1.61 0.00	40.93 2.33 0.00	45.68 3.30 0.00	51.39 3.77 0.00	57.45 4.64 0.00	51.90 4.08 0.00	54.64 4.24 0.00	50.53 3.16 0.00	50.72 3.16 -0.75	59.59 3.76 -7.25	53.18 3.30 0.00	53.88 3.22 0.00	57.47 3.83 0.00	55.04 3.12 0.00	48.54 2.99 -0.01
RAVENSWOOD_GT2_1 24244	49.99 1.35 0.00	43.64 1.46 0.00	40.50 1.25 0.00	38.97 1.10 0.00	40.33 1.05 0.00	52.10 1.29 0.00	48.98 1.51 0.00	51.02 1.77 0.00	48.40 2.01 0.00	38.23 1.72 -0.06	49.89 1.76 -9.53	49.17 1.91 -4.88	50.30 1.83 -0.85	55.65 1.71 -1.14	49.51 1.54 -0.15	52.26 1.39 -0.46	48.75 1.38 0.00	48.19 1.38 0.00	49.19 0.62 0.00	50.35 0.47 0.00	50.98 0.33 0.00	53.66 0.03 0.00	52.39 0.47 0.00	46.12 0.58 0.00
RAVENSWOOD_GT2_2 24245	49.99 1.35 0.00	43.64 1.46 0.00	40.50 1.25 0.00	38.97 1.10 0.00	40.33 1.05 0.00	52.10 1.29 0.00	48.98 1.51 0.00	51.02 1.77 0.00	48.40 2.01 0.00	38.23 1.72 -0.06	49.89 1.76 -9.53	49.17 1.91 -4.88	50.30 1.83 -0.85	55.65 1.71 -1.14	49.51 1.54 -0.15	52.26 1.39 -0.46	48.75 1.38 0.00	48.19 1.38 0.00	49.19 0.62 0.00	50.35 0.47 0.00	50.98 0.33 0.00	53.66 0.03 0.00	52.39 0.47 0.00	46.12 0.58 0.00

RAVENSWOOD_GT2_3 24246	50.03 1.38 0.00	43.67 1.49 0.00	40.52 1.27 0.00	38.99 1.12 0.00	40.35 1.08 0.00	52.13 1.32 0.00	49.01 1.55 0.00	51.06 1.81 0.00	48.45 2.05 0.00	38.26 1.74 -0.06	49.92 1.79 -9.53	49.20 1.94 -4.88	50.33 1.87 -0.85	55.68 1.73 -1.14	49.54 1.57 -0.15	52.29 1.42 -0.46	48.78 1.41 0.00	48.21 1.41 0.00	49.23 0.65 0.00	50.38 0.50 0.00	51.01 0.36 0.00	53.70 0.07 0.00	52.41 0.49 0.00	46.15 0.61 0.00
RAVENSWOOD_GT2_4 24247	50.03 1.38 0.00	43.67 1.49 0.00	40.52 1.27 0.00	38.99 1.12 0.00	40.35 1.08 0.00	52.13 1.32 0.00	49.01 1.55 0.00	51.06 1.81 0.00	48.45 2.05 0.00	38.26 1.74 -0.06	49.92 1.79 -9.53	49.20 1.94 -4.88	50.33 1.87 -0.85	55.68 1.73 -1.14	49.54 1.57 -0.15	52.29 1.42 -0.46	48.78 1.41 0.00	48.21 1.41 0.00	49.23 0.65 0.00	50.38 0.50 0.00	51.01 0.36 0.00	53.70 0.07 0.00	52.41 0.49 0.00	46.15 0.61 0.00
RAVENSWOOD_GT3_1 24248	49.99 1.35 0.00	43.64 1.46 0.00	40.50 1.25 0.00	38.97 1.10 0.00	40.33 1.06 0.00	52.10 1.29 0.00	48.98 1.52 0.00	51.02 1.77 0.00	48.40 2.01 0.00	38.24 1.72 -0.06	49.89 1.76 -9.53	49.17 1.91 -4.88	50.30 1.83 -0.85	55.65 1.71 -1.14	49.51 1.54 -0.15	52.26 1.39 -0.46	48.75 1.38 0.00	48.19 1.38 0.00	49.19 0.62 0.00	50.35 0.47 0.00	50.98 0.33 0.00	53.66 0.03 0.00	52.39 0.47 0.00	46.12 0.58 0.00
RAVENSWOOD_GT3_2 24249	49.99 1.35 0.00	43.64 1.46 0.00	40.50 1.25 0.00	38.97 1.10 0.00	40.33 1.06 0.00	52.10 1.29 0.00	48.98 1.52 0.00	51.02 1.77 0.00	48.40 2.01 0.00	38.24 1.72 -0.06	49.89 1.76 -9.53	49.17 1.91 -4.88	50.30 1.83 -0.85	55.65 1.71 -1.14	49.51 1.54 -0.15	52.26 1.39 -0.46	48.75 1.38 0.00	48.19 1.38 0.00	49.19 0.62 0.00	50.35 0.47 0.00	50.98 0.33 0.00	53.66 0.03 0.00	52.39 0.47 0.00	46.12 0.58 0.00
RAVENSWOOD_GT3_3 24250	50.09 1.45 0.00	43.72 1.54 0.00	40.57 1.32 0.00	39.04 1.16 0.00	40.40 1.13 0.00	52.20 1.38 0.00	49.08 1.61 0.00	51.12 1.87 0.00	48.52 2.12 0.00	38.32 1.80 -0.06	49.98 1.85 -9.53	49.26 2.01 -4.88	50.41 1.94 -0.85	55.77 1.82 -1.14	49.62 1.66 -0.15	52.37 1.51 -0.46	48.86 1.50 0.00	48.29 1.49 0.00	49.29 0.72 0.00	50.45 0.57 0.00	51.09 0.44 0.00	53.79 0.15 0.00	52.49 0.57 0.00	46.21 0.66 0.00
RAVENSWOOD_GT3_4 24251	50.09 1.45 0.00	43.72 1.54 0.00	40.57 1.32 0.00	39.04 1.16 0.00	40.40 1.13 0.00	52.20 1.38 0.00	49.08 1.61 0.00	51.12 1.87 0.00	48.52 2.12 0.00	38.32 1.80 -0.06	49.98 1.85 -9.53	49.26 2.01 -4.88	50.41 1.94 -0.85	55.77 1.82 -1.14	49.62 1.66 -0.15	52.37 1.51 -0.46	48.86 1.50 0.00	48.29 1.49 0.00	49.29 0.72 0.00	50.45 0.57 0.00	51.09 0.44 0.00	53.79 0.15 0.00	52.49 0.57 0.00	46.21 0.66 0.00
RAVENSWOOD_GT_1 23729	49.98 1.34 0.00	43.74 1.56 0.00	40.56 1.31 0.00	39.02 1.15 0.00	40.39 1.11 0.00	52.08 1.26 0.00	49.12 1.65 0.00	51.10 1.85 0.00	48.58 2.19 0.00	38.37 1.86 -0.06	50.00 1.87 -9.53	49.28 2.02 -4.88	50.29 1.82 -0.85	55.59 1.64 -1.14	49.51 1.55 -0.15	52.16 1.29 -0.46	48.75 1.38 0.00	48.21 1.40 0.00	48.95 0.37 0.00	50.17 0.29 0.00	50.81 0.16 0.00	53.50 -0.13 0.00	52.33 0.41 0.00	46.20 0.66 0.00
RAVENSWOOD_GT_10 24258	49.99 1.35 0.00	43.64 1.45 0.00	40.50 1.25 0.00	38.97 1.10 0.00	40.33 1.06 0.00	52.11 1.29 0.00	48.98 1.51 0.00	51.02 1.77 0.00	48.40 2.01 0.00	38.23 1.71 -0.06	49.89 1.76 -9.53	49.17 1.91 -4.88	50.30 1.83 -0.85	55.66 1.71 -1.14	49.51 1.55 -0.15	52.26 1.39 -0.46	48.76 1.39 0.00	48.19 1.38 0.00	49.20 0.63 0.00	50.36 0.47 0.00	50.98 0.33 0.00	53.68 0.05 0.00	52.39 0.47 0.00	46.12 0.58 0.00
RAVENSWOOD_GT_11 24259	49.99 1.35 0.00	43.64 1.45 0.00	40.50 1.25 0.00	38.97 1.10 0.00	40.33 1.06 0.00	52.11 1.29 0.00	48.98 1.51 0.00	51.02 1.77 0.00	48.40 2.01 0.00	38.23 1.71 -0.06	49.89 1.76 -9.53	49.17 1.91 -4.88	50.30 1.83 -0.85	55.66 1.71 -1.14	49.51 1.55 -0.15	52.26 1.39 -0.46	48.76 1.39 0.00	48.19 1.38 0.00	49.20 0.63 0.00	50.36 0.47 0.00	50.98 0.33 0.00	53.68 0.05 0.00	52.39 0.47 0.00	46.12 0.58 0.00
RAVENSWOOD_GT_4 24252	49.99 1.35 0.00	43.64 1.46 0.00	40.50 1.25 0.00	38.97 1.10 0.00	40.34 1.06 0.00	52.11 1.29 0.00	48.99 1.53 0.00	51.02 1.77 0.00	48.41 2.01 0.00	38.24 1.72 -0.06	49.90 1.76 -9.53	49.17 1.91 -4.88	50.30 1.83 -0.85	55.65 1.71 -1.14	49.51 1.55 -0.15	52.26 1.39 -0.46	48.76 1.39 0.00	48.19 1.38 0.00	49.20 0.62 0.00	50.35 0.47 0.00	50.98 0.33 0.00	53.67 0.04 0.00	52.39 0.47 0.00	46.12 0.58 0.00
RAVENSWOOD_GT_5 24254	49.99 1.35 0.00	43.64 1.46 0.00	40.50 1.25 0.00	38.97 1.10 0.00	40.34 1.06 0.00	52.11 1.29 0.00	48.99 1.53 0.00	51.02 1.77 0.00	48.41 2.01 0.00	38.24 1.72 -0.06	49.90 1.76 -9.53	49.17 1.91 -4.88	50.30 1.83 -0.85	55.65 1.71 -1.14	49.51 1.55 -0.15	52.26 1.39 -0.46	48.76 1.39 0.00	48.19 1.38 0.00	49.20 0.62 0.00	50.35 0.47 0.00	50.98 0.33 0.00	53.67 0.04 0.00	52.39 0.47 0.00	46.12 0.58 0.00
RAVENSWOOD_GT_6 24253	49.99 1.35 0.00	43.64 1.46 0.00	40.50 1.25 0.00	38.97 1.10 0.00	40.34 1.06 0.00	52.11 1.29 0.00	48.99 1.53 0.00	51.02 1.77 0.00	48.41 2.01 0.00	38.24 1.72 -0.06	49.90 1.76 -9.53	49.17 1.91 -4.88	50.30 1.83 -0.85	55.65 1.71 -1.14	49.51 1.55 -0.15	52.26 1.39 -0.46	48.76 1.39 0.00	48.19 1.38 0.00	49.20 0.62 0.00	50.35 0.47 0.00	50.98 0.33 0.00	53.67 0.04 0.00	52.39 0.47 0.00	46.12 0.58 0.00
RAVENSWOOD_GT_7 24255	49.99 1.35 0.00	43.64 1.46 0.00	40.50 1.25 0.00	38.97 1.10 0.00	40.34 1.06 0.00	52.11 1.29 0.00	48.99 1.53 0.00	51.02 1.77 0.00	48.41 2.01 0.00	38.24 1.72 -0.06	49.90 1.76 -9.53	49.17 1.91 -4.88	50.30 1.83 -0.85	55.65 1.71 -1.14	49.51 1.55 -0.15	52.26 1.39 -0.46	48.76 1.39 0.00	48.19 1.38 0.00	49.20 0.62 0.00	50.35 0.47 0.00	50.98 0.33 0.00	53.67 0.04 0.00	52.39 0.47 0.00	46.12 0.58 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	49.99 1.35 0.00	43.64 1.45 0.00	40.50 1.25 0.00	38.97 1.10 0.00	40.33 1.06 0.00	52.11 1.29 0.00	48.98 1.51 0.00	51.02 1.77 0.00	48.40 2.01 0.00	38.23 1.71 -0.06	49.89 1.76 -9.53	49.17 1.91 -4.88	50.30 1.83 -0.85	55.66 1.71 -1.14	49.51 1.55 -0.15	52.26 1.39 -0.46	48.76 1.39 0.00	48.19 1.38 0.00	49.20 0.63 0.00	50.36 0.47 0.00	50.98 0.33 0.00	53.68 0.05 0.00	52.39 0.47 0.00	46.12 0.58 0.00
RAVENSWOOD_GT_9 24257	49.99 1.35 0.00	43.64 1.45 0.00	40.50 1.25 0.00	38.97 1.10 0.00	40.33 1.06 0.00	52.11 1.29 0.00	48.98 1.51 0.00	51.02 1.77 0.00	48.40 2.01 0.00	38.23 1.71 -0.06	49.89 1.76 -9.53	49.17 1.91 -4.88	50.30 1.83 -0.85	55.66 1.71 -1.14	49.51 1.55 -0.15	52.26 1.39 -0.46	48.76 1.39 0.00	48.19 1.38 0.00	49.20 0.63 0.00	50.36 0.47 0.00	50.98 0.33 0.00	53.68 0.05 0.00	52.39 0.47 0.00	46.12 0.58 0.00

RAVENSWOOD___1 23533	49.96 1.32 0.00	43.72 1.53 0.00	40.54 1.28 0.00	39.00 1.13 0.00	40.36 1.08 0.00	52.02 1.21 0.00	49.09 1.63 0.00	51.07 1.82 0.00	48.56 2.17 0.00	38.34 1.83 -0.06	49.99 1.85 -9.53	49.25 2.00 -4.88	50.25 1.78 -0.85	55.55 1.60 -1.14	49.48 1.51 -0.15	52.13 1.26 -0.46	48.73 1.36 0.00	48.18 1.38 0.00	48.92 0.35 0.00	50.15 0.27 0.00	50.76 0.11 0.00	53.46 -0.18 0.00	52.29 0.37 0.00	46.17 0.63 0.00
RAVENSWOOD___2 23534	49.93 1.28 0.00	43.69 1.51 0.00	40.52 1.26 0.00	38.98 1.10 0.00	40.33 1.06 0.00	51.98 1.17 0.00	49.07 1.60 0.00	51.03 1.78 0.00	48.52 2.12 0.00	38.31 1.80 -0.06	49.95 1.82 -9.53	49.22 1.96 -4.88	50.20 1.73 -0.85	55.50 1.55 -1.14	49.46 1.49 -0.15	52.09 1.22 -0.46	48.69 1.33 0.00	48.16 1.36 0.00	48.87 0.30 0.00	50.11 0.23 0.00	50.72 0.07 0.00	53.41 -0.23 0.00	52.25 0.33 0.00	46.15 0.61 0.00
RAVENSWOOD___3 23535	49.99 1.35 0.00	43.64 1.46 0.00	40.50 1.25 0.00	38.97 1.10 0.00	40.34 1.06 0.00	52.10 1.29 0.00	48.99 1.53 0.00	51.02 1.77 0.00	48.41 2.01 0.00	38.24 1.72 -0.06	49.91 1.78 -9.53	49.18 1.92 -4.88	50.30 1.83 -0.85	55.66 1.71 -1.14	49.51 1.55 -0.15	52.26 1.39 -0.46	48.75 1.39 0.00	48.18 1.38 0.00	49.20 0.63 0.00	50.36 0.48 0.00	50.97 0.32 0.00	53.66 0.02 0.00	52.38 0.46 0.00	46.12 0.58 0.00
RAVENSWOOD___4 23820	49.93 1.28 0.00	43.69 1.51 0.00	40.52 1.26 0.00	38.98 1.10 0.00	40.33 1.06 0.00	51.98 1.17 0.00	49.07 1.60 0.00	51.03 1.78 0.00	48.52 2.12 0.00	38.31 1.80 -0.06	49.95 1.82 -9.53	49.22 1.96 -4.88	50.20 1.73 -0.85	55.50 1.55 -1.14	49.46 1.49 -0.15	52.09 1.22 -0.46	48.69 1.33 0.00	48.16 1.36 0.00	48.87 0.30 0.00	50.11 0.23 0.00	50.72 0.07 0.00	53.41 -0.23 0.00	52.25 0.33 0.00	46.15 0.61 0.00
RCPL_TRUST___DRP 24196	50.00 1.35 0.00	43.65 1.46 0.00	40.50 1.25 0.00	38.98 1.10 0.00	40.35 1.07 0.00	52.12 1.31 0.00	49.01 1.55 0.00	51.07 1.83 0.00	48.48 2.08 0.00	38.30 1.78 -0.06	49.97 1.84 -9.53	49.24 1.99 -4.88	50.38 1.91 -0.85	55.74 1.79 -1.14	49.58 1.61 -0.15	52.33 1.46 -0.46	48.81 1.44 0.00	48.23 1.43 0.00	49.24 0.67 0.00	50.38 0.50 0.00	51.01 0.36 0.00	53.69 0.06 0.00	52.41 0.49 0.00	46.15 0.61 0.00
RED___ROCHESTER 323720	50.53 1.88 0.00	43.44 1.25 0.00	40.40 1.15 0.00	38.81 0.93 0.00	40.32 1.04 0.00	52.36 1.55 0.00	48.99 1.52 0.00	50.54 1.29 0.00	47.58 1.18 0.00	37.62 1.17 0.00	40.24 1.64 0.00	44.65 2.28 0.00	50.46 2.84 0.00	56.40 3.60 0.00	51.05 3.23 0.00	53.85 3.44 0.00	50.17 2.80 0.00	49.29 2.77 0.28	49.15 3.05 2.47	52.63 2.75 0.00	53.34 2.69 0.00	56.56 2.93 0.00	54.20 2.28 0.00	47.57 2.03 0.00
REGAN___SOLAR 323812	51.86 3.21 0.00	44.80 2.62 0.00	41.64 2.38 0.00	40.14 2.27 0.00	41.61 2.33 0.00	53.91 3.09 0.00	50.47 3.00 0.00	52.00 2.76 0.00	48.40 2.00 0.00	37.34 0.92 0.04	33.68 0.61 5.53	39.98 0.44 2.84	47.55 0.42 0.49	53.12 0.97 0.66	49.16 1.43 0.09	51.91 1.77 0.27	49.52 2.15 0.00	49.69 2.89 0.00	52.08 3.50 0.00	53.82 3.94 0.00	54.57 3.92 0.00	57.42 3.78 0.00	55.38 3.46 0.00	48.36 2.82 0.00
RENSSELAER___COGEN 23796	47.91 -0.74 0.00	41.71 -0.48 0.00	38.80 -0.45 0.00	37.50 -0.37 0.00	38.87 -0.41 0.00	50.24 -0.57 0.00	46.86 -0.60 0.00	48.74 -0.51 0.00	45.99 -0.41 0.00	36.03 -0.38 0.05	30.89 -0.43 7.28	38.01 -0.63 3.73	46.16 -0.81 0.65	50.93 -1.01 0.87	46.79 -0.91 0.11	49.14 -0.91 0.36	46.66 -0.71 0.00	46.22 -0.58 0.00	47.70 -0.88 0.00	48.88 -1.00 0.00	49.60 -1.05 0.00	52.38 -1.25 0.00	50.94 -0.97 0.00	44.81 -0.73 0.00
REPUBLIC_115KV_BARTNBRK 55605	53.26 4.62 0.00	45.93 3.74 0.00	42.71 3.46 0.00	41.34 3.46 0.00	43.07 3.79 0.00	55.38 4.57 0.00	52.16 4.69 0.00	54.26 5.02 0.00	50.84 4.45 0.00	39.15 2.74 0.05	33.34 2.95 8.21	41.42 3.25 4.21	50.28 3.38 0.73	55.67 3.84 0.98	51.85 4.16 0.13	54.67 4.67 0.40	52.45 5.08 0.00	52.62 5.82 0.00	54.99 6.42 0.00	56.63 6.75 0.00	57.41 6.75 0.00	60.55 6.92 0.00	58.83 6.91 0.00	51.91 6.36 0.00
REVERE_CPPR_DRP 24186	50.97 2.32 0.00	44.06 1.86 -0.01	40.96 1.71 0.00	39.43 1.56 0.00	40.92 1.64 0.00	53.33 2.33 -0.19	49.56 2.09 0.00	51.38 2.13 0.00	48.22 1.82 0.00	37.76 1.31 0.00	40.01 1.41 0.00	43.99 1.62 0.00	49.62 2.00 0.00	55.02 2.21 0.00	49.95 2.13 0.00	52.95 2.55 0.00	49.75 2.39 0.00	49.47 2.62 -0.05	51.89 2.90 -0.41	53.77 3.19 -0.70	54.03 3.28 -0.10	57.00 3.37 0.00	54.90 2.98 0.00	47.82 2.28 0.00
REYNLDPA_13_KV_LD 356490	49.50 0.85 0.00	42.94 0.75 0.00	39.93 0.68 0.00	38.50 0.62 0.00	39.95 0.67 0.00	51.75 0.93 0.00	48.31 0.85 0.00	50.00 0.75 0.00	46.95 0.56 0.00	36.90 0.45 0.00	38.97 0.37 0.00	42.77 0.40 0.00	48.14 0.52 0.00	53.41 0.60 0.00	48.35 0.54 0.00	50.92 0.52 0.00	47.78 0.41 0.00	47.11 0.31 0.00	49.18 0.60 0.00	50.63 0.75 0.00	51.56 0.90 0.00	54.89 1.26 0.00	53.06 1.14 0.00	46.59 1.05 0.00
REYNOLDS_115KV_TB3 80639	48.42 -0.23 0.00	42.16 -0.03 0.00	39.21 -0.04 0.00	37.92 0.04 0.00	39.30 0.02 0.00	50.78 -0.03 0.00	47.38 -0.09 0.00	49.28 0.04 0.00	46.49 0.10 0.00	36.40 0.00 0.06	29.79 -0.02 8.79	37.67 -0.21 4.50	46.51 -0.33 0.78	51.25 -0.51 1.05	47.20 -0.48 0.14	49.55 -0.43 0.43	47.12 -0.25 0.00	46.65 -0.15 0.00	48.15 -0.43 0.00	49.33 -0.55 0.00	50.07 -0.59 0.00	52.91 -0.72 0.00	51.46 -0.46 0.00	45.25 -0.30 0.00
RIVERBAY____ 323610	51.34 2.69 0.00	44.89 2.70 0.00	41.64 2.38 0.00	40.08 2.21 0.00	41.52 2.24 0.00	53.52 2.71 0.00	50.58 3.11 0.00	52.46 3.22 0.00	49.79 3.39 0.00	39.23 2.71 -0.06	50.78 2.65 -9.53	50.15 2.89 -4.88	51.26 2.79 -0.85	56.82 2.88 -1.14	50.60 2.64 -0.15	53.23 2.36 -0.46	49.69 2.33 0.00	49.18 2.38 0.00	49.90 1.32 0.00	51.31 1.43 0.00	52.02 1.36 0.00	54.88 1.25 0.00	53.81 1.88 0.00	47.29 1.75 0.00
RIVERSDE_115KV_TB3 55908	48.28 -0.36 0.00	42.03 -0.15 0.00	39.09 -0.17 0.00	37.80 -0.08 0.00	39.17 -0.11 0.00	50.62 -0.20 0.00	47.24 -0.22 0.00	49.14 -0.11 0.00	46.36 -0.03 0.00	36.31 -0.09 0.05	30.43 -0.10 8.06	37.95 -0.29 4.13	46.50 -0.41 0.72	51.28 -0.57 0.96	47.18 -0.51 0.12	49.54 -0.47 0.39	47.07 -0.30 0.00	46.61 -0.19 0.00	48.10 -0.47 0.00	49.28 -0.60 0.00	50.01 -0.64 0.00	52.83 -0.81 0.00	51.36 -0.56 0.00	45.14 -0.40 0.00
ROARING___BROOK_WT_PWR 323790	48.62 -0.02 0.00	42.04 -0.15 0.00	38.99 -0.26 0.00	37.63 -0.24 0.00	39.01 -0.27 0.00	50.55 -0.27 0.00	47.29 -0.17 0.00	49.16 -0.09 0.00	46.38 -0.02 0.00	36.45 -0.01 0.00	38.56 -0.04 0.00	42.32 -0.05 0.00	47.57 -0.05 0.00	52.55 -0.25 0.00	47.66 -0.15 0.00	50.35 -0.05 0.00	47.32 -0.05 0.00	46.53 -0.27 0.00	48.50 -0.07 0.00	49.91 0.03 0.00	50.72 0.07 0.00	53.77 0.14 0.00	51.96 0.04 0.00	45.47 -0.07 0.00

ROCHESRG_115KV_T4 355643	49.81 1.17 0.00	42.86 0.67 0.00	39.88 0.63 0.00	38.32 0.45 0.00	39.82 0.54 0.00	51.69 0.88 0.00	48.35 0.88 0.00	49.90 0.65 0.00	46.94 0.54 0.00	37.08 0.63 0.00	39.61 1.02 0.00	43.91 1.53 0.00	49.54 1.92 0.00	55.31 2.51 0.00	50.06 2.24 0.00	52.78 2.37 0.00	49.18 1.81 0.00	48.38 1.81 0.23	48.58 2.10 2.09	51.71 1.83 0.00	52.39 1.74 0.00	55.61 1.98 0.00	53.45 1.52 0.00	46.92 1.38 0.00
ROCHESTER_9_IC 23652	50.19 1.54 0.00	43.17 0.98 0.00	40.16 0.91 0.00	38.59 0.71 0.00	40.09 0.81 0.00	52.05 1.24 0.00	48.71 1.24 0.00	50.25 1.01 0.00	47.30 0.91 0.00	37.37 0.92 0.00	39.94 1.34 0.00	44.30 1.93 0.00	50.01 2.39 0.00	55.89 3.08 0.00	50.58 2.77 0.00	53.34 2.94 0.00	49.70 2.33 0.00	48.84 2.32 0.28	48.69 2.59 2.47	52.20 2.32 0.00	52.88 2.22 0.00	56.10 2.47 0.00	53.86 1.94 0.00	47.26 1.72 0.00
ROCKVIEW_13_KV_LD 356306	50.10 1.45 0.00	43.70 1.52 0.00	40.55 1.29 0.00	39.02 1.15 0.00	40.39 1.12 0.00	52.21 1.39 0.00	49.05 1.59 0.00	51.05 1.81 0.00	48.40 2.01 0.00	38.21 1.70 -0.06	49.89 1.76 -9.53	49.16 1.90 -4.88	50.35 1.89 -0.85	55.76 1.81 -1.14	49.59 1.63 -0.15	52.38 1.51 -0.46	48.86 1.49 0.00	48.28 1.48 0.00	49.39 0.81 0.00	50.58 0.70 0.00	51.26 0.61 0.00	53.96 0.32 0.00	52.60 0.68 0.00	46.27 0.73 0.00
ROME____115KV_TB2 80656	50.97 2.32 0.00	44.06 1.86 -0.01	40.96 1.71 0.00	39.43 1.56 0.00	40.92 1.64 0.00	53.33 2.33 -0.19	49.56 2.09 0.00	51.38 2.13 0.00	48.22 1.82 0.00	37.76 1.31 0.00	40.01 1.41 0.00	43.99 1.62 0.00	49.62 2.00 0.00	55.02 2.21 0.00	49.95 2.13 0.00	52.95 2.55 0.00	49.75 2.39 0.00	49.47 2.62 -0.05	51.89 2.90 -0.41	53.77 3.19 -0.70	54.03 3.28 -0.10	57.00 3.37 0.00	54.90 2.98 0.00	47.82 2.28 0.00
ROSETON___1 23587	49.31 0.66 0.00	42.96 0.78 0.00	39.90 0.65 0.00	38.46 0.59 0.00	39.83 0.55 0.00	51.45 0.63 0.00	48.25 0.78 0.00	50.20 0.96 0.00	47.51 1.12 0.00	37.44 0.93 -0.06	48.18 0.94 -8.64	47.79 0.99 -4.43	49.28 0.89 -0.77	54.59 0.75 -1.03	48.63 0.69 -0.13	51.40 0.57 -0.42	47.99 0.62 0.00	47.47 0.67 0.00	48.70 0.13 0.00	49.93 0.05 0.00	50.63 -0.02 0.00	53.34 -0.30 0.00	51.98 0.05 0.00	45.71 0.17 0.00
ROSETON___2 23588	49.31 0.66 0.00	42.96 0.78 0.00	39.90 0.65 0.00	38.46 0.59 0.00	39.83 0.55 0.00	51.45 0.63 0.00	48.25 0.78 0.00	50.20 0.96 0.00	47.51 1.12 0.00	37.44 0.93 -0.06	48.18 0.94 -8.64	47.79 0.99 -4.43	49.28 0.89 -0.77	54.59 0.75 -1.03	48.63 0.69 -0.13	51.40 0.57 -0.42	47.99 0.62 0.00	47.47 0.67 0.00	48.70 0.13 0.00	49.93 0.05 0.00	50.63 -0.02 0.00	53.34 -0.30 0.00	51.98 0.05 0.00	45.71 0.17 0.00
ROTRRDAM_115KV_TB3 80664	49.38 0.74 0.00	42.87 0.68 0.00	39.89 0.63 0.00	38.53 0.66 0.00	39.95 0.68 0.00	51.64 0.82 0.00	48.22 0.75 0.00	50.06 0.82 0.00	47.16 0.76 0.00	36.91 0.50 0.04	32.78 0.45 6.27	39.55 0.39 3.21	47.42 0.36 0.56	52.44 0.38 0.75	48.16 0.44 0.10	50.63 0.53 0.31	48.01 0.64 0.00	47.58 0.78 0.00	49.29 0.72 0.00	50.62 0.74 0.00	51.39 0.73 0.00	54.27 0.64 0.00	52.64 0.72 0.00	46.16 0.62 0.00
RUSSELL___1 23602	50.53 1.88 0.00	43.44 1.26 0.00	40.40 1.15 0.00	38.81 0.93 0.00	40.32 1.04 0.00	52.36 1.54 0.00	48.99 1.53 0.00	50.55 1.31 0.00	47.58 1.18 0.00	37.62 1.16 0.00	40.23 1.64 0.00	44.64 2.27 0.00	50.45 2.83 0.00	56.40 3.59 0.00	51.06 3.24 0.00	53.85 3.44 0.00	50.17 2.80 0.00	49.29 2.77 0.28	49.15 3.05 2.47	52.64 2.76 0.00	53.30 2.65 0.00	56.54 2.91 0.00	54.19 2.27 0.00	47.57 2.03 0.00
RUSSELL___2 23532	50.53 1.88 0.00	43.44 1.26 0.00	40.40 1.15 0.00	38.81 0.93 0.00	40.32 1.04 0.00	52.36 1.54 0.00	48.99 1.53 0.00	50.55 1.31 0.00	47.58 1.18 0.00	37.62 1.16 0.00	40.23 1.64 0.00	44.64 2.27 0.00	50.45 2.83 0.00	56.40 3.59 0.00	51.06 3.24 0.00	53.85 3.44 0.00	50.17 2.80 0.00	49.29 2.77 0.28	49.15 3.05 2.47	52.64 2.76 0.00	53.30 2.65 0.00	56.54 2.91 0.00	54.19 2.27 0.00	47.57 2.03 0.00
RUSSELL___3 23549	50.53 1.88 0.00	43.44 1.26 0.00	40.40 1.15 0.00	38.81 0.93 0.00	40.32 1.04 0.00	52.36 1.54 0.00	48.99 1.53 0.00	50.55 1.31 0.00	47.58 1.18 0.00	37.62 1.16 0.00	40.23 1.64 0.00	44.64 2.27 0.00	50.45 2.83 0.00	56.40 3.59 0.00	51.06 3.24 0.00	53.85 3.44 0.00	50.17 2.80 0.00	49.29 2.77 0.28	49.15 3.05 2.47	52.64 2.76 0.00	53.30 2.65 0.00	56.54 2.91 0.00	54.19 2.27 0.00	47.57 2.03 0.00
RUSSELL___4 23556	50.53 1.88 0.00	43.44 1.26 0.00	40.40 1.15 0.00	38.81 0.93 0.00	40.32 1.04 0.00	52.36 1.54 0.00	48.99 1.53 0.00	50.55 1.31 0.00	47.58 1.18 0.00	37.62 1.16 0.00	40.23 1.64 0.00	44.64 2.27 0.00	50.45 2.83 0.00	56.40 3.59 0.00	51.06 3.24 0.00	53.85 3.44 0.00	50.17 2.80 0.00	49.29 2.77 0.28	49.15 3.05 2.47	52.64 2.76 0.00	53.30 2.65 0.00	56.54 2.91 0.00	54.19 2.27 0.00	47.57 2.03 0.00
RUSSELL___STATION 23914	50.53 1.88 0.00	43.44 1.26 0.00	40.40 1.15 0.00	38.81 0.93 0.00	40.32 1.04 0.00	52.36 1.54 0.00	48.99 1.53 0.00	50.55 1.31 0.00	47.58 1.18 0.00	37.62 1.16 0.00	40.23 1.64 0.00	44.64 2.27 0.00	50.45 2.83 0.00	56.40 3.59 0.00	51.06 3.24 0.00	53.85 3.44 0.00	50.17 2.80 0.00	49.29 2.77 0.28	49.15 3.05 2.47	52.64 2.76 0.00	53.30 2.65 0.00	56.54 2.91 0.00	54.19 2.27 0.00	47.57 2.03 0.00
S SALMON___HYD 24043	49.23 0.59 0.00	42.64 0.41 -0.05	39.65 0.40 0.00	38.15 0.28 0.00	39.54 0.26 0.00	52.14 0.51 -0.82	47.97 0.49 -0.01	49.70 0.46 0.00	46.67 0.27 0.00	36.58 0.13 0.00	38.70 0.10 0.00	42.41 0.04 0.00	47.69 0.07 0.00	52.95 0.14 0.00	47.71 -0.11 0.00	50.47 0.07 0.00	47.47 0.10 0.00	47.46 0.44 -0.22	50.92 0.59 -1.76	53.88 1.01 -2.99	52.30 1.21 -0.43	54.94 1.31 0.00	53.01 1.09 0.00	46.13 0.59 0.00
S.PERRY___115KV_TB1 80734	50.58 1.93 0.00	43.39 1.20 0.00	40.37 1.11 0.00	38.63 0.75 0.00	40.26 0.98 0.00	52.30 1.49 0.00	49.17 1.70 0.00	50.62 1.37 0.00	47.11 0.71 0.00	36.90 0.45 0.00	39.67 1.08 0.00	43.98 1.61 0.00	49.43 1.81 0.00	55.36 2.55 0.00	50.05 2.23 0.00	52.81 2.41 0.00	49.20 1.83 0.00	49.10 2.30 0.00	51.71 2.86 -0.28	52.58 2.70 0.00	53.61 2.96 0.00	56.86 3.22 0.00	54.27 2.35 0.00	47.51 1.96 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	50.94 2.30 0.00	43.59 1.41 0.00	40.64 1.39 0.00	38.90 1.03 0.00	40.54 1.26 0.00	52.69 1.87 0.00	49.22 1.76 0.00	50.42 1.18 0.00	47.29 0.89 0.00	37.60 1.15 0.00	40.40 1.80 0.00	45.06 2.69 0.00	50.68 3.06 0.00	56.63 3.83 0.00	51.15 3.34 0.00	53.81 3.41 0.00	49.73 2.37 0.00	49.84 2.36 -0.68	58.25 2.97 -6.70	52.36 2.48 0.00	53.08 2.43 0.00	56.69 3.06 0.00	54.38 2.45 0.00	48.03 2.48 -0.01

SAWYER___23_KV_LOAD 55526	50.94 2.30 0.00	43.59 1.41 0.00	40.64 1.39 0.00	38.90 1.03 0.00	40.54 1.26 0.00	52.69 1.87 0.00	49.22 1.76 0.00	50.42 1.18 0.00	47.29 0.89 0.00	37.60 1.15 0.00	40.40 1.80 0.00	45.06 2.69 0.00	50.68 3.06 0.00	56.63 3.83 0.00	51.15 3.34 0.00	53.81 3.41 0.00	49.73 2.37 0.00	49.84 2.36 -0.68	58.25 2.97 -6.70	52.36 2.48 0.00	53.08 2.43 0.00	56.69 3.06 0.00	54.38 2.45 0.00	48.03 2.48 -0.01
SELKIRK___I 23801	47.46 -1.19 0.00	41.30 -0.89 0.00	38.45 -0.80 0.00	37.19 -0.68 0.00	38.56 -0.72 0.00	49.83 -0.98 0.00	46.46 -1.00 0.00	48.20 -1.05 0.00	45.40 -0.99 0.00	35.53 -0.90 0.03	33.13 -0.99 4.48	38.80 -1.28 2.30	45.72 -1.50 0.40	50.53 -1.74 0.54	46.20 -1.54 0.07	48.64 -1.54 0.22	46.12 -1.25 0.00	45.69 -1.11 0.00	47.25 -1.33 0.00	48.48 -1.40 0.00	49.22 -1.43 0.00	51.99 -1.64 0.00	50.52 -1.41 0.00	44.41 -1.13 0.00
SELKIRK___II 23799	47.79 -0.85 0.00	41.62 -0.57 0.00	38.75 -0.50 0.00	37.46 -0.41 0.00	38.83 -0.45 0.00	50.17 -0.65 0.00	46.78 -0.69 0.00	48.60 -0.64 0.00	45.87 -0.53 0.00	35.97 -0.45 0.03	32.82 -0.49 5.29	38.97 -0.69 2.71	46.28 -0.88 0.47	51.09 -1.09 0.63	46.75 -0.98 0.08	49.14 -1.01 0.26	46.55 -0.82 0.00	46.07 -0.73 0.00	47.56 -1.02 0.00	48.77 -1.11 0.00	49.49 -1.16 0.00	52.26 -1.37 0.00	50.80 -1.12 0.00	44.68 -0.86 0.00
SENECA OSWGO___HYD 24041	47.98 -0.67 0.00	41.59 -0.67 -0.07	38.66 -0.59 0.00	37.28 -0.60 0.00	38.65 -0.63 0.00	51.28 -0.76 -1.23	46.80 -0.68 -0.02	48.54 -0.70 0.00	45.74 -0.65 0.00	35.95 -0.50 0.00	38.12 -0.48 0.00	41.92 -0.45 0.00	47.16 -0.47 0.00	52.37 -0.44 0.00	47.43 -0.39 0.00	50.04 -0.36 0.00	47.04 -0.32 0.00	46.87 -0.26 -0.33	50.97 -0.26 -2.65	54.10 -0.28 -4.51	50.98 -0.33 -0.65	53.25 -0.39 0.00	51.35 -0.57 0.00	44.95 -0.60 0.00
SENECA___115KV_TB3 355854	51.66 3.02 0.00	44.17 1.98 0.00	41.15 1.90 0.00	39.35 1.48 0.00	41.02 1.74 0.00	53.34 2.53 0.00	49.86 2.40 0.00	51.14 1.89 0.00	47.95 1.56 0.00	38.14 1.68 0.00	41.02 2.42 0.00	45.79 3.42 0.00	51.51 3.89 0.00	57.57 4.76 0.00	52.01 4.20 0.00	54.76 4.36 0.00	50.65 3.28 0.00	50.83 3.27 -0.75	59.70 3.87 -7.25	53.31 3.43 0.00	54.00 3.34 0.00	57.59 3.96 0.00	55.16 3.24 0.00	48.63 3.08 -0.01
SENECA___ENERGY 23797	49.42 0.78 0.00	42.59 0.37 -0.03	39.65 0.40 0.00	38.13 0.25 0.00	39.58 0.30 0.00	51.77 0.46 -0.49	48.01 0.54 -0.01	49.69 0.45 0.00	46.79 0.39 0.00	36.77 0.31 0.00	39.19 0.59 0.00	43.29 0.92 0.00	48.71 1.08 0.00	54.32 1.51 0.00	49.24 1.43 0.00	51.85 1.44 0.00	48.71 1.35 0.00	48.36 1.43 -0.13	51.34 1.70 -1.06	53.34 1.66 -1.80	52.38 1.47 -0.26	55.09 1.46 0.00	53.00 1.08 0.00	46.36 0.82 0.00
SHOEMAKER___GT 23640	49.38 0.73 0.00	42.96 0.77 0.00	39.92 0.67 0.00	38.46 0.59 0.00	39.83 0.55 0.00	51.49 0.67 0.00	48.27 0.80 0.00	50.17 0.92 0.00	47.42 1.02 0.00	37.32 0.82 -0.05	47.11 0.83 -7.68	47.24 0.93 -3.93	49.21 0.91 -0.68	54.62 0.90 -0.92	48.75 0.82 -0.12	51.54 0.76 -0.37	48.14 0.77 0.00	47.70 0.90 0.00	49.07 0.49 0.00	50.33 0.45 0.00	51.04 0.39 0.00	53.80 0.17 0.00	52.30 0.38 0.00	45.91 0.37 0.00
SHOEMAKR_138KV_BK 111 55601	49.33 0.69 0.00	42.94 0.75 0.00	39.90 0.64 0.00	38.45 0.57 0.00	39.81 0.54 0.00	51.45 0.64 0.00	48.23 0.76 0.00	50.13 0.88 0.00	47.39 1.00 0.00	37.31 0.81 -0.05	47.01 0.83 -7.59	47.18 0.92 -3.89	49.21 0.91 -0.67	54.61 0.89 -0.91	48.73 0.80 -0.12	51.52 0.74 -0.37	48.11 0.74 0.00	47.67 0.87 0.00	49.00 0.43 0.00	50.27 0.39 0.00	50.99 0.34 0.00	53.73 0.10 0.00	52.25 0.33 0.00	45.87 0.32 0.00
SHOREHAM_IC_1 23715	45.94 0.58 3.29	43.44 1.26 0.00	39.98 0.72 0.00	38.45 0.58 0.00	39.94 0.66 0.00	51.45 0.63 0.00	48.24 0.77 0.00	49.83 0.59 0.00	47.54 1.14 0.00	37.83 1.31 -0.06	49.24 1.10 -9.54	42.80 0.38 -0.05	42.96 0.27 4.94	43.31 0.20 9.69	42.88 0.35 5.28	47.48 0.26 3.19	44.68 0.44 3.13	34.03 0.40 13.17	33.27 -0.35 14.95	14.46 -0.28 35.14	21.03 0.15 29.78	18.23 -0.82 34.59	41.59 -0.53 9.80	43.48 -0.35 1.71
SHOREHAM_IC_2 23716	45.94 0.59 3.29	43.44 1.26 0.00	39.98 0.72 0.00	38.45 0.58 0.00	39.94 0.66 0.00	51.45 0.63 0.00	48.25 0.79 0.00	49.84 0.59 0.00	47.54 1.14 0.00	37.83 1.31 -0.06	49.22 1.09 -9.54	42.84 0.42 -0.05	43.00 0.32 4.94	43.33 0.21 9.69	42.91 0.38 5.28	47.50 0.28 3.19	44.70 0.46 3.13	34.07 0.44 13.17	33.32 -0.30 14.95	14.52 -0.22 35.14	21.14 0.27 29.78	18.34 -0.71 34.59	41.65 -0.47 9.80	43.48 -0.35 1.71
SISSONVILLE____ 23735	50.31 1.66 0.00	43.60 1.42 0.00	40.54 1.29 0.00	39.05 1.18 0.00	40.53 1.26 0.00	52.55 1.74 0.00	49.09 1.62 0.00	50.73 1.49 0.00	47.40 1.01 0.00	37.13 0.68 0.00	39.18 0.58 0.00	42.95 0.58 0.00	48.34 0.72 0.00	53.63 0.82 0.00	48.53 0.71 0.00	51.15 0.75 0.00	47.68 0.31 0.00	47.16 0.36 0.00	49.12 0.54 0.00	50.85 0.97 0.00	51.80 1.15 0.00	55.92 2.29 0.00	54.17 2.25 0.00	47.43 1.88 0.00
SITHE_IND_GS1 24169	47.30 -1.34 0.00	40.72 -1.25 0.21	38.12 -1.14 0.00	36.75 -1.12 0.00	38.10 -1.18 0.00	45.74 -1.49 3.58	46.04 -1.37 0.05	47.80 -1.44 0.00	45.05 -1.35 0.00	35.43 -1.02 0.00	37.58 -1.02 0.00	41.32 -1.06 0.00	46.46 -1.16 0.00	51.60 -1.21 0.00	46.71 -1.10 0.00	49.26 -1.14 0.00	46.25 -1.12 0.00	44.77 -1.07 0.96	39.75 -1.08 7.74	35.58 -1.15 13.14	47.54 -1.21 1.90	52.36 -1.27 0.00	50.59 -1.34 0.00	44.33 -1.21 0.00
SITHE_IND_GS2 24170	47.30 -1.34 0.00	40.72 -1.25 0.21	38.12 -1.14 0.00	36.75 -1.12 0.00	38.10 -1.18 0.00	45.74 -1.49 3.58	46.04 -1.37 0.05	47.80 -1.44 0.00	45.05 -1.35 0.00	35.43 -1.02 0.00	37.58 -1.02 0.00	41.32 -1.06 0.00	46.46 -1.16 0.00	51.60 -1.21 0.00	46.71 -1.10 0.00	49.26 -1.14 0.00	46.25 -1.12 0.00	44.77 -1.07 0.96	39.75 -1.08 7.74	35.58 -1.15 13.14	47.54 -1.21 1.90	52.36 -1.27 0.00	50.59 -1.34 0.00	44.33 -1.21 0.00
SITHE_IND_GS3 24171	47.30 -1.34 0.00	40.72 -1.25 0.21	38.12 -1.14 0.00	36.75 -1.12 0.00	38.10 -1.18 0.00	45.74 -1.49 3.58	46.04 -1.37 0.05	47.80 -1.44 0.00	45.05 -1.35 0.00	35.43 -1.02 0.00	37.58 -1.02 0.00	41.32 -1.06 0.00	46.46 -1.16 0.00	51.60 -1.21 0.00	46.71 -1.10 0.00	49.26 -1.14 0.00	46.25 -1.12 0.00	44.77 -1.07 0.96	39.75 -1.08 7.74	35.58 -1.15 13.14	47.54 -1.21 1.90	52.36 -1.27 0.00	50.59 -1.34 0.00	44.33 -1.21 0.00
SITHE_IND_GS4 24172	47.30 -1.34 0.00	40.72 -1.25 0.21	38.12 -1.14 0.00	36.75 -1.12 0.00	38.10 -1.18 0.00	45.74 -1.49 3.58	46.04 -1.37 0.05	47.80 -1.44 0.00	45.05 -1.35 0.00	35.43 -1.02 0.00	37.58 -1.02 0.00	41.32 -1.06 0.00	46.46 -1.16 0.00	51.60 -1.21 0.00	46.71 -1.10 0.00	49.26 -1.14 0.00	46.25 -1.12 0.00	44.77 -1.07 0.96	39.75 -1.08 7.74	35.58 -1.15 13.14	47.54 -1.21 1.90	52.36 -1.27 0.00	50.59 -1.34 0.00	44.33 -1.21 0.00

SITHE___BATAVIA 24024	52.35 3.71 0.00	44.84 2.65 0.00	41.70 2.45 0.00	39.97 2.09 0.00	41.59 2.31 0.00	54.10 3.28 0.00	50.65 3.18 0.00	52.11 2.86 0.00	48.86 2.47 0.00	38.62 2.17 0.00	41.31 2.71 0.00	45.86 3.49 0.00	51.86 4.24 0.00	58.28 5.47 0.00	52.56 4.74 0.00	55.30 4.90 0.00	51.43 4.06 0.00	57.78 4.26 -6.72	112.08 4.80 -58.71	54.37 4.49 0.00	55.20 4.55 0.00	58.72 5.08 0.00	56.18 4.26 0.00	49.44 3.85 -0.05
SITHE___INDEPEND 23800	47.30 -1.34 0.00	40.73 -1.25 0.21	38.12 -1.13 0.00	36.75 -1.12 0.00	38.10 -1.18 0.00	45.74 -1.49 3.58	46.04 -1.37 0.05	47.80 -1.44 0.00	45.05 -1.35 0.00	35.43 -1.02 0.00	37.58 -1.02 0.00	41.31 -1.06 0.00	46.46 -1.16 0.00	51.60 -1.21 0.00	46.71 -1.10 0.00	49.26 -1.14 0.00	46.25 -1.12 0.00	44.77 -1.08 0.96	39.75 -1.08 7.74	35.59 -1.15 13.14	47.53 -1.22 1.90	52.36 -1.28 0.00	50.59 -1.34 0.00	44.33 -1.21 0.00
SITHE___MASSENA 23902	49.68 1.04 0.00	43.08 0.89 0.00	40.07 0.81 0.00	38.61 0.74 0.00	40.08 0.80 0.00	51.92 1.10 0.00	48.49 1.02 0.00	50.14 0.90 0.00	47.03 0.64 0.00	36.94 0.49 0.00	39.01 0.41 0.00	42.78 0.41 0.00	48.16 0.54 0.00	53.44 0.64 0.00	48.39 0.58 0.00	50.97 0.56 0.00	47.72 0.36 0.00	47.06 0.26 0.00	49.13 0.56 0.00	50.64 0.76 0.00	51.66 1.01 0.00	55.12 1.49 0.00	53.30 1.38 0.00	46.75 1.21 0.00
SITHE___OGDNSBRG 24021	50.95 2.30 0.00	44.15 1.97 0.00	41.04 1.79 0.00	39.56 1.69 0.00	41.06 1.79 0.00	53.25 2.44 0.00	49.74 2.28 0.00	51.24 2.00 0.00	47.64 1.25 0.00	37.20 0.75 0.00	39.23 0.63 0.00	43.00 0.63 0.00	48.40 0.77 0.00	53.68 0.87 0.00	48.61 0.80 0.00	51.21 0.80 0.00	47.82 0.45 0.00	47.41 0.61 0.00	49.71 1.14 0.00	51.75 1.87 0.00	53.08 2.43 0.00	56.89 3.26 0.00	54.95 3.03 0.00	48.10 2.56 0.00
SITHE___STERLING 23777	50.27 1.62 0.00	43.44 1.24 -0.01	40.40 1.15 0.00	38.91 1.04 0.00	40.38 1.10 0.00	52.57 1.55 -0.21	48.90 1.43 0.00	50.70 1.46 0.00	47.64 1.24 0.00	37.36 0.91 0.00	39.58 0.98 0.00	43.54 1.16 0.00	49.11 1.49 0.00	54.50 1.69 0.00	49.43 1.62 0.00	52.28 1.87 0.00	49.11 1.75 0.00	48.77 1.92 -0.06	51.16 2.15 -0.45	52.96 2.33 -0.75	53.11 2.35 -0.11	56.01 2.38 0.00	53.99 2.07 0.00	47.11 1.57 0.00
SLEIGHT__34_KV_TB1 80719	49.40 0.76 0.00	42.56 0.36 -0.01	39.56 0.31 0.00	38.05 0.17 0.00	39.49 0.21 0.00	51.42 0.46 -0.14	47.98 0.51 0.00	49.62 0.37 0.00	46.74 0.34 0.00	36.79 0.33 0.00	39.21 0.61 0.00	43.35 0.98 0.00	48.93 1.31 0.00	54.65 1.84 0.00	49.53 1.71 0.00	52.17 1.77 0.00	48.83 1.47 0.00	48.37 1.53 -0.04	50.44 1.79 -0.08	52.06 1.66 -0.53	52.20 1.48 -0.08	55.20 1.57 0.00	53.07 1.15 0.00	46.48 0.94 0.00
SMITHTWN_69_KV_BK 1 55830	46.59 1.22 3.27	44.00 1.82 0.00	40.50 1.25 0.00	38.98 1.11 0.00	40.51 1.23 0.00	52.22 1.41 0.00	48.94 1.47 0.00	50.54 1.30 0.00	48.20 1.80 0.00	38.34 1.83 -0.06	49.75 1.61 -9.54	43.53 1.08 -0.08	43.86 1.15 4.91	44.22 1.04 9.63	43.59 1.02 5.25	48.23 1.00 3.17	45.32 1.06 3.11	34.71 1.01 13.10	34.09 0.39 14.87	15.31 0.39 34.96	21.90 0.86 29.61	19.12 -0.11 34.40	42.34 0.16 9.75	44.09 0.25 1.70
SOUTH CAIRO___GT 23612	49.49 0.84 0.00	42.95 0.76 0.00	39.92 0.67 0.00	38.59 0.71 0.00	40.01 0.73 0.00	51.80 0.99 0.00	48.32 0.85 0.00	50.26 1.02 0.00	47.27 0.87 0.00	36.79 0.36 0.02	35.86 0.35 3.09	40.94 0.15 1.58	47.45 0.10 0.27	52.60 0.16 0.37	47.95 0.19 0.05	50.87 0.62 0.15	48.24 0.87 0.00	48.12 1.32 0.00	50.02 1.45 0.00	51.40 1.52 0.00	52.19 1.54 0.00	55.03 1.40 0.00	53.22 1.30 0.00	46.60 1.06 0.00
SOUTH HAMPTN___IC 23720	46.86 1.51 3.29	44.25 2.06 0.00	40.73 1.47 0.00	39.17 1.29 0.00	40.69 1.41 0.00	52.40 1.58 0.00	49.15 1.69 0.00	50.78 1.53 0.00	48.41 2.01 0.00	38.58 2.06 -0.06	50.08 1.95 -9.54	43.83 1.42 -0.04	44.11 1.43 4.95	44.65 1.56 9.71	44.17 1.65 5.29	48.75 1.54 3.19	45.79 1.55 3.13	35.04 1.44 13.19	34.19 0.60 14.98	15.26 0.58 35.20	21.98 1.15 29.83	19.28 0.29 34.64	42.67 0.56 9.82	44.38 0.56 1.72
SOUTHDOW_115KV_TB1 355954	52.36 3.71 0.00	44.54 2.35 0.00	41.56 2.31 0.00	39.60 1.73 0.00	41.41 2.13 0.00	53.82 3.01 0.00	50.84 3.37 0.00	52.61 3.37 0.00	49.30 2.90 0.00	39.02 2.57 0.00	42.07 3.47 0.00	46.94 4.57 0.00	52.86 5.24 0.00	58.88 6.08 0.00	53.28 5.47 0.00	55.92 5.52 0.00	51.62 4.25 0.00	51.29 3.87 -0.61	58.63 4.10 -5.96	53.64 3.76 0.00	54.31 3.66 0.00	57.82 4.18 0.00	55.27 3.35 0.00	48.34 2.79 -0.01
SOUTHOLD_69_KV_BK 2 55809	47.85 2.50 3.29	45.10 2.91 0.00	41.56 2.30 0.00	39.97 2.09 0.00	41.51 2.23 0.00	53.44 2.62 0.00	50.15 2.69 0.00	51.77 2.53 0.00	49.27 2.87 0.00	39.31 2.79 -0.06	50.89 2.75 -9.54	44.92 2.51 -0.04	45.30 2.63 4.95	46.04 2.94 9.71	45.53 3.01 5.29	50.02 2.81 3.19	46.90 2.66 3.13	36.07 2.46 13.19	35.03 1.44 14.98	15.95 1.27 35.20	23.04 2.21 29.83	20.50 1.51 34.64	43.92 1.81 9.82	45.38 1.55 1.72
SOUTHOLD___IC 23719	47.85 2.50 3.29	45.10 2.91 0.00	41.55 2.30 0.00	39.97 2.09 0.00	41.51 2.23 0.00	53.44 2.63 0.00	50.14 2.67 0.00	51.76 2.52 0.00	49.27 2.88 0.00	39.31 2.79 -0.06	50.90 2.77 -9.54	44.87 2.46 -0.04	45.24 2.57 4.95	46.02 2.92 9.71	45.51 2.99 5.29	50.00 2.78 3.19	46.87 2.63 3.13	36.03 2.42 13.19	34.98 1.38 14.98	15.88 1.20 35.20	22.89 2.07 29.83	20.39 1.39 34.64	43.86 1.75 9.82	45.37 1.54 1.72
SOUTH_FORK_WT_PWR 323839	47.90 2.55 3.29	45.20 3.01 0.00	41.67 2.41 0.00	40.08 2.21 0.00	41.62 2.34 0.00	53.56 2.75 0.00	50.25 2.78 0.00	51.84 2.59 0.00	49.24 2.84 0.00	39.29 2.77 -0.06	50.92 2.78 -9.54	44.97 2.55 -0.04	45.35 2.67 4.95	46.13 3.04 9.71	45.65 3.13 5.29	50.07 2.86 3.19	46.87 2.64 3.13	35.94 2.34 13.19	34.73 1.13 14.98	15.52 0.83 35.20	22.75 1.92 29.83	20.36 1.37 34.64	43.96 1.85 9.82	45.45 1.62 1.72
SPIERFLS_115KV_TB 1 80737	50.22 1.57 0.00	43.50 1.31 0.00	40.53 1.28 0.00	39.16 1.29 0.00	40.63 1.35 0.00	52.48 1.66 0.00	49.02 1.56 0.00	50.99 1.74 0.00	48.00 1.60 0.00	37.34 0.93 0.05	31.30 0.70 8.01	38.88 0.61 4.11	47.43 0.52 0.71	52.45 0.60 0.96	48.52 0.83 0.12	51.18 1.16 0.39	48.82 1.45 0.00	48.58 1.78 0.00	50.47 1.89 0.00	52.18 2.30 0.00	52.90 2.25 0.00	55.89 2.26 0.00	54.15 2.22 0.00	47.48 1.93 0.00
ST LAWRENCE____ 23600	48.91 0.26 0.00	42.43 0.24 0.00	39.46 0.21 0.00	38.05 0.17 0.00	39.48 0.20 0.00	51.12 0.31 0.00	47.75 0.28 0.00	49.43 0.19 0.00	46.45 0.05 0.00	36.50 0.05 0.00	38.58 -0.02 0.00	42.31 -0.06 0.00	47.63 0.01 0.00	52.85 0.05 0.00	47.84 0.03 0.00	50.40 0.00 0.00	47.30 -0.06 0.00	46.61 -0.19 0.00	48.64 0.07 0.00	50.06 0.18 0.00	50.96 0.31 0.00	54.20 0.57 0.00	52.39 0.47 0.00	46.00 0.46 0.00

STATE_CA_115KV_115_LB 55624	48.42 -0.22 0.00	42.12 -0.07 0.00	39.16 -0.09 0.00	37.86 -0.02 0.00	39.23 -0.05 0.00	50.70 -0.11 0.00	47.34 -0.13 0.00	49.23 -0.01 0.00	46.44 0.04 0.00	36.40 0.00 0.05	31.11 0.00 7.49	38.38 -0.16 3.84	46.70 -0.25 0.67	51.57 -0.34 0.89	47.42 -0.28 0.12	49.79 -0.24 0.37	47.30 -0.06 0.00	46.84 0.04 0.00	48.33 -0.24 0.00	49.52 -0.36 0.00	50.23 -0.42 0.00	53.04 -0.59 0.00	51.52 -0.40 0.00	45.27 -0.28 0.00
STATE_ST_34_KV_LOAD 55959	49.48 0.84 0.00	42.70 0.48 -0.03	39.71 0.46 0.00	38.26 0.39 0.00	39.60 0.31 0.00	52.01 0.63 -0.57	47.97 0.49 -0.01	49.70 0.45 0.00	46.95 0.56 0.00	36.77 0.31 0.00	39.02 0.42 0.00	42.98 0.60 0.00	48.50 0.88 0.00	54.04 1.23 0.00	48.99 1.18 0.00	51.59 1.18 0.00	48.54 1.17 0.00	48.19 1.24 -0.15	51.11 1.31 -1.23	53.49 1.54 -2.08	52.21 1.25 -0.30	54.85 1.21 0.00	52.95 1.03 0.00	46.36 0.82 0.00
STATION_5_MISC_HYD 23604	50.19 1.54 0.00	43.17 0.98 0.00	40.16 0.91 0.00	38.59 0.71 0.00	40.09 0.81 0.00	52.05 1.24 0.00	48.71 1.24 0.00	50.24 0.99 0.00	47.30 0.90 0.00	37.37 0.92 0.00	39.95 1.35 0.00	44.31 1.93 0.00	50.03 2.40 0.00	55.88 3.08 0.00	50.58 2.77 0.00	53.34 2.94 0.00	49.70 2.33 0.00	48.84 2.32 0.28	48.69 2.59 2.47	52.19 2.31 0.00	52.89 2.24 0.00	56.12 2.48 0.00	53.87 1.95 0.00	47.26 1.72 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	49.74 1.10 0.00	42.83 0.63 -0.01	39.84 0.59 0.00	38.30 0.42 0.00	39.80 0.52 0.00	51.72 0.78 -0.13	48.32 0.85 0.00	49.96 0.71 0.00	47.04 0.64 0.00	37.09 0.63 0.00	39.57 0.97 0.00	43.78 1.41 0.00	49.39 1.76 0.00	55.15 2.35 0.00	49.94 2.13 0.00	52.66 2.26 0.00	49.26 1.89 0.00	48.77 1.94 -0.04	51.07 2.21 -0.28	52.40 2.03 -0.48	52.60 1.88 -0.07	55.62 1.98 0.00	53.45 1.53 0.00	46.79 1.25 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	49.79 1.14 0.00	42.84 0.66 0.00	39.84 0.59 0.00	38.28 0.41 0.00	39.78 0.50 0.00	51.63 0.82 0.00	48.33 0.86 0.00	49.89 0.65 0.00	46.97 0.57 0.00	37.11 0.66 0.00	39.66 1.06 0.00	43.96 1.59 0.00	49.63 2.01 0.00	55.47 2.66 0.00	50.20 2.39 0.00	52.95 2.55 0.00	49.37 2.00 0.00	48.53 1.99 0.26	48.49 2.23 2.32	51.84 1.96 0.00	52.50 1.85 0.00	55.69 2.05 0.00	53.50 1.58 0.00	46.90 1.36 0.00
STA_56___34_KV_BUS2 355983	49.79 1.14 0.00	42.84 0.66 0.00	39.84 0.59 0.00	38.28 0.41 0.00	39.78 0.50 0.00	51.63 0.82 0.00	48.33 0.86 0.00	49.89 0.65 0.00	46.97 0.57 0.00	37.11 0.66 0.00	39.66 1.06 0.00	43.96 1.59 0.00	49.63 2.01 0.00	55.47 2.66 0.00	50.20 2.39 0.00	52.95 2.55 0.00	49.37 2.00 0.00	48.53 1.99 0.26	48.49 2.23 2.32	51.84 1.96 0.00	52.50 1.85 0.00	55.69 2.05 0.00	53.50 1.58 0.00	46.90 1.36 0.00
STA_67___115KV_BK2 355882	50.03 1.39 0.00	43.05 0.86 0.00	40.05 0.80 0.00	38.48 0.60 0.00	39.98 0.70 0.00	51.91 1.09 0.00	48.57 1.10 0.00	50.11 0.87 0.00	47.16 0.76 0.00	37.25 0.80 0.00	39.81 1.21 0.00	44.14 1.77 0.00	49.82 2.20 0.00	55.66 2.85 0.00	50.38 2.57 0.00	53.11 2.71 0.00	49.50 2.13 0.00	48.66 2.13 0.27	48.56 2.40 2.42	52.01 2.13 0.00	52.68 2.03 0.00	55.91 2.27 0.00	53.71 1.79 0.00	47.13 1.59 0.00
STA_7___115KV_9TRANS 80674	50.53 1.88 0.00	43.44 1.26 0.00	40.40 1.15 0.00	38.81 0.93 0.00	40.32 1.04 0.00	52.36 1.54 0.00	48.99 1.53 0.00	50.55 1.31 0.00	47.58 1.18 0.00	37.62 1.16 0.00	40.23 1.64 0.00	44.64 2.27 0.00	50.45 2.83 0.00	56.40 3.59 0.00	51.06 3.24 0.00	53.85 3.44 0.00	50.17 2.80 0.00	49.29 2.77 0.28	49.15 3.05 2.47	52.64 2.76 0.00	53.30 2.65 0.00	56.54 2.91 0.00	54.19 2.27 0.00	47.57 2.03 0.00
STA_82___115KV_TB1 80780	50.05 1.41 0.00	43.06 0.87 0.00	40.06 0.81 0.00	38.49 0.62 0.00	40.00 0.72 0.00	51.94 1.12 0.00	48.58 1.12 0.00	50.14 0.90 0.00	47.16 0.77 0.00	37.27 0.81 0.00	39.82 1.22 0.00	44.15 1.78 0.00	49.83 2.20 0.00	55.68 2.87 0.00	50.39 2.58 0.00	53.14 2.74 0.00	49.51 2.15 0.00	48.64 2.14 0.31	48.28 2.43 2.73	52.03 2.15 0.00	52.73 2.07 0.00	55.94 2.31 0.00	53.73 1.81 0.00	47.15 1.61 0.00
STEEL___WIND 323596	51.60 2.96 0.00	44.11 1.93 0.00	41.10 1.85 0.00	39.31 1.44 0.00	40.95 1.67 0.00	53.29 2.47 0.00	49.81 2.34 0.00	51.06 1.82 0.00	47.90 1.50 0.00	38.10 1.65 0.00	40.98 2.38 0.00	45.72 3.34 0.00	51.44 3.81 0.00	57.47 4.66 0.00	51.92 4.10 0.00	54.66 4.26 0.00	50.55 3.19 0.00	50.77 3.21 -0.75	59.63 3.80 -7.25	53.24 3.36 0.00	53.98 3.32 0.00	57.55 3.92 0.00	55.08 3.16 0.00	48.57 3.02 -0.01
STEPHTWN_115KV_BK_2 55603	48.35 -0.29 0.00	42.07 -0.12 0.00	39.13 -0.12 0.00	37.83 -0.05 0.00	39.28 0.00 0.00	50.84 0.02 0.00	47.36 -0.11 0.00	49.26 0.01 0.00	46.46 0.06 0.00	36.31 -0.10 0.05	31.33 0.00 7.28	38.52 -0.12 3.73	46.77 -0.21 0.65	51.59 -0.34 0.87	47.35 -0.35 0.11	49.81 -0.24 0.36	47.28 -0.08 0.00	46.85 0.05 0.00	48.49 -0.09 0.00	49.57 -0.31 0.00	50.22 -0.43 0.00	53.01 -0.62 0.00	51.45 -0.47 0.00	45.25 -0.30 0.00
STEUBEN_REC_LFGE 323667	50.88 2.24 0.00	43.60 1.41 -0.01	40.55 1.30 0.00	38.57 0.69 0.00	40.34 1.06 0.00	52.56 1.54 -0.20	49.30 1.83 0.00	50.91 1.67 0.00	47.50 1.10 0.00	37.40 0.95 0.00	40.11 1.51 0.00	44.49 2.12 0.00	49.95 2.33 0.00	55.90 3.09 0.00	50.37 2.56 0.00	52.90 2.49 0.00	49.37 2.00 0.00	49.43 2.35 -0.28	54.19 2.94 -2.68	53.32 2.70 -0.74	53.44 2.68 -0.11	56.48 2.85 0.00	53.98 2.06 0.00	47.23 1.69 0.00
STILLWATER___SOLAR 323814	50.15 1.50 0.00	43.52 1.34 0.00	40.51 1.25 0.00	39.13 1.26 0.00	40.61 1.33 0.00	52.50 1.69 0.00	49.01 1.55 0.00	50.93 1.68 0.00	47.93 1.53 0.00	37.39 0.99 0.06	30.61 0.89 8.88	38.64 0.82 4.55	47.60 0.77 0.79	52.66 0.91 1.06	48.65 0.98 0.14	51.19 1.22 0.43	48.78 1.41 0.00	48.42 1.63 0.00	50.25 1.67 0.00	51.66 1.79 0.00	52.42 1.77 0.00	55.34 1.71 0.00	53.67 1.75 0.00	47.08 1.54 0.00
STONY___BROOK 24151	46.45 1.08 3.28	43.86 1.68 0.00	40.38 1.12 0.00	38.87 1.00 0.00	40.43 1.15 0.00	52.11 1.30 0.00	48.82 1.35 0.00	50.44 1.20 0.00	48.10 1.70 0.00	38.26 1.74 -0.06	49.68 1.54 -9.54	43.40 0.97 -0.06	43.69 0.98 4.92	44.05 0.90 9.65	43.46 0.91 5.26	48.09 0.86 3.17	45.15 0.89 3.12	34.52 0.84 13.12	33.92 0.25 14.90	15.13 0.28 35.03	21.65 0.67 29.67	18.87 -0.29 34.48	42.17 0.02 9.76	43.98 0.15 1.71
STURGEON_POOL_HYD 23609	49.66 1.02 0.00	43.24 1.05 0.00	40.16 0.91 0.00	38.71 0.84 0.00	40.08 0.80 0.00	51.77 0.95 0.00	48.55 1.08 0.00	50.55 1.30 0.00	47.85 1.45 0.00	37.70 1.22 -0.03	44.57 1.30 -4.67	46.25 1.48 -2.39	49.49 1.46 -0.41	54.75 1.38 -0.56	49.08 1.20 -0.07	51.74 1.11 -0.23	48.47 1.11 0.00	47.97 1.17 0.00	49.23 0.65 0.00	50.45 0.57 0.00	51.20 0.54 0.00	53.91 0.27 0.00	52.45 0.53 0.00	46.05 0.50 0.00

ST_LAW_115_BK7_LBMP 345037	48.97 0.33 0.00	42.48 0.29 0.00	39.52 0.26 0.00	38.09 0.22 0.00	39.53 0.25 0.00	51.19 0.37 0.00	47.80 0.33 0.00	49.47 0.23 0.00	46.46 0.06 0.00	36.51 0.05 0.00	38.57 -0.03 0.00	42.31 -0.06 0.00	47.63 0.01 0.00	52.85 0.05 0.00	47.84 0.03 0.00	50.40 -0.01 0.00	47.29 -0.08 0.00	46.59 -0.21 0.00	48.64 0.07 0.00	50.06 0.18 0.00	50.98 0.33 0.00	54.26 0.63 0.00	52.47 0.55 0.00	46.06 0.52 0.00
ST_LAW_115_BK8_LBMP 345038	48.97 0.33 0.00	42.48 0.29 0.00	39.52 0.26 0.00	38.09 0.22 0.00	39.53 0.25 0.00	51.19 0.37 0.00	47.80 0.33 0.00	49.47 0.23 0.00	46.46 0.06 0.00	36.51 0.05 0.00	38.57 -0.03 0.00	42.31 -0.06 0.00	47.63 0.01 0.00	52.85 0.05 0.00	47.84 0.03 0.00	50.40 -0.01 0.00	47.29 -0.08 0.00	46.59 -0.21 0.00	48.64 0.07 0.00	50.06 0.18 0.00	50.98 0.33 0.00	54.26 0.63 0.00	52.47 0.55 0.00	46.06 0.52 0.00
ST_LAW_230_BK5_LBMP 345035	48.91 0.26 0.00	42.43 0.24 0.00	39.46 0.21 0.00	38.05 0.17 0.00	39.48 0.20 0.00	51.12 0.31 0.00	47.75 0.28 0.00	49.43 0.19 0.00	46.45 0.05 0.00	36.50 0.05 0.00	38.58 -0.02 0.00	42.31 -0.06 0.00	47.63 0.01 0.00	52.85 0.05 0.00	47.84 0.03 0.00	50.40 0.00 0.00	47.30 -0.06 0.00	46.61 -0.19 0.00	48.64 0.07 0.00	50.06 0.18 0.00	50.96 0.31 0.00	54.20 0.57 0.00	52.39 0.47 0.00	46.00 0.46 0.00
ST_LAW_230_BK6_LBMP 345036	48.91 0.26 0.00	42.43 0.24 0.00	39.46 0.21 0.00	38.05 0.17 0.00	39.48 0.20 0.00	51.12 0.31 0.00	47.75 0.28 0.00	49.43 0.19 0.00	46.45 0.05 0.00	36.50 0.05 0.00	38.58 -0.02 0.00	42.31 -0.06 0.00	47.63 0.01 0.00	52.85 0.05 0.00	47.84 0.03 0.00	50.40 0.00 0.00	47.30 -0.06 0.00	46.61 -0.19 0.00	48.64 0.07 0.00	50.06 0.18 0.00	50.96 0.31 0.00	54.20 0.57 0.00	52.39 0.47 0.00	46.00 0.46 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	49.41 0.77 0.00	43.04 0.85 0.00	39.98 0.72 0.00	38.51 0.64 0.00	39.87 0.59 0.00	51.54 0.72 0.00	48.33 0.87 0.00	50.23 0.99 0.00	47.53 1.13 0.00	37.45 0.94 -0.05	47.56 0.99 -7.97	47.57 1.12 -4.08	49.48 1.15 -0.71	54.88 1.12 -0.95	48.93 0.99 -0.12	51.72 0.93 -0.39	48.27 0.90 0.00	47.80 1.00 0.00	49.05 0.48 0.00	50.31 0.43 0.00	51.04 0.39 0.00	53.75 0.12 0.00	52.30 0.37 0.00	45.92 0.37 0.00
SWANROAD_115KV_TB1 355699	50.32 1.68 0.00	43.12 0.93 0.00	40.18 0.93 0.00	38.50 0.62 0.00	40.11 0.83 0.00	52.15 1.34 0.00	48.71 1.24 0.00	49.78 0.53 0.00	46.65 0.25 0.00	37.12 0.66 0.00	39.84 1.24 0.00	44.43 2.05 0.00	49.95 2.33 0.00	55.80 2.99 0.00	50.24 2.43 0.00	52.76 2.35 0.00	48.68 1.31 0.00	49.22 1.33 -1.09	60.62 1.93 -10.11	51.31 1.43 0.00	52.13 1.47 0.00	55.75 2.11 0.00	53.50 1.58 0.00	47.35 1.80 -0.01
SYNERGY___BIOGAS 323694	52.35 3.71 0.00	44.84 2.65 0.00	41.71 2.45 0.00	39.97 2.09 0.00	41.59 2.31 0.00	54.09 3.28 0.00	50.65 3.18 0.00	52.12 2.88 0.00	48.87 2.47 0.00	38.63 2.17 0.00	41.29 2.69 0.00	45.85 3.48 0.00	51.84 4.22 0.00	58.28 5.47 0.00	52.56 4.75 0.00	55.30 4.90 0.00	51.43 4.06 0.00	57.78 4.26 -6.72	112.09 4.80 -58.71	54.38 4.50 0.00	55.15 4.50 0.00	58.67 5.04 0.00	56.17 4.24 0.00	49.43 3.84 -0.05
SYRACUSE___ENERGY_ST1 323597	48.70 0.05 0.00	42.13 -0.10 -0.04	39.16 -0.09 0.00	37.75 -0.12 0.00	39.13 -0.15 0.00	51.36 -0.13 -0.67	47.37 -0.11 -0.01	49.12 -0.13 0.00	46.32 -0.08 0.00	36.40 -0.06 0.00	38.64 0.04 0.00	42.56 0.18 0.00	47.92 0.30 0.00	53.28 0.47 0.00	48.26 0.44 0.00	50.83 0.43 0.00	47.73 0.37 0.00	47.41 0.43 -0.18	50.55 0.51 -1.46	52.85 0.49 -2.48	51.39 0.38 -0.36	53.97 0.33 0.00	52.09 0.17 0.00	45.59 0.05 0.00
SYRACUSE___ENERGY_ST2 323598	48.70 0.05 0.00	42.13 -0.10 -0.04	39.16 -0.09 0.00	37.75 -0.12 0.00	39.13 -0.15 0.00	51.36 -0.13 -0.67	47.37 -0.11 -0.01	49.12 -0.13 0.00	46.32 -0.08 0.00	36.40 -0.06 0.00	38.64 0.04 0.00	42.56 0.18 0.00	47.92 0.30 0.00	53.28 0.47 0.00	48.26 0.44 0.00	50.83 0.43 0.00	47.73 0.37 0.00	47.41 0.43 -0.18	50.55 0.51 -1.46	52.85 0.49 -2.48	51.39 0.38 -0.36	53.97 0.33 0.00	52.09 0.17 0.00	45.59 0.05 0.00
SYRACUSE___POWER 24017	48.65 0.00 0.00	42.05 -0.17 -0.03	39.11 -0.15 0.00	37.72 -0.16 0.00	39.12 -0.15 0.00	51.11 -0.15 -0.45	47.37 -0.10 -0.01	49.16 -0.09 0.00	46.32 -0.08 0.00	36.41 -0.05 0.00	38.68 0.08 0.00	42.62 0.25 0.00	47.98 0.36 0.00	53.33 0.52 0.00	48.26 0.45 0.00	50.87 0.47 0.00	47.75 0.39 0.00	47.35 0.43 -0.12	50.07 0.52 -0.97	51.99 0.47 -1.65	51.27 0.38 -0.24	53.97 0.33 0.00	52.06 0.14 0.00	45.55 0.01 0.00
TALLMAN_138KV_BK151 55660	49.50 0.85 0.00	43.15 0.96 0.00	40.08 0.82 0.00	38.58 0.70 0.00	39.91 0.64 0.00	51.60 0.78 0.00	48.46 0.99 0.00	50.37 1.12 0.00	47.67 1.27 0.00	37.58 1.08 -0.05	48.21 1.13 -8.48	47.99 1.26 -4.35	49.70 1.33 -0.75	55.10 1.28 -1.01	49.07 1.12 -0.13	51.89 1.07 -0.41	48.40 1.03 0.00	47.91 1.11 0.00	49.08 0.50 0.00	50.34 0.46 0.00	51.07 0.42 0.00	53.77 0.14 0.00	52.35 0.42 0.00	45.96 0.42 0.00
TEALLAVE_115KV_TB7 355573	48.35 -0.29 0.00	41.81 -0.40 -0.02	38.88 -0.37 0.00	37.51 -0.36 0.00	38.93 -0.35 0.00	50.78 -0.41 -0.37	47.13 -0.35 0.00	48.89 -0.36 0.00	46.08 -0.32 0.00	36.24 -0.21 0.00	38.52 -0.08 0.00	42.43 0.06 0.00	47.76 0.14 0.00	53.08 0.27 0.00	48.00 0.19 0.00	50.61 0.20 0.00	47.50 0.13 0.00	47.07 0.17 -0.10	49.60 0.22 -0.81	51.38 0.13 -1.37	50.90 0.05 -0.20	53.62 -0.02 0.00	51.74 -0.18 0.00	45.28 -0.26 0.00
TELGRAPH_34_KV_EAST 80808	51.17 2.53 0.00	43.86 1.67 0.00	40.84 1.58 0.00	39.13 1.25 0.00	40.75 1.47 0.00	52.99 2.18 0.00	49.53 2.06 0.00	50.80 1.56 0.00	47.66 1.27 0.00	37.85 1.39 0.00	40.61 2.01 0.00	45.23 2.86 0.00	50.93 3.30 0.00	56.88 4.07 0.00	51.40 3.59 0.00	54.06 3.66 0.00	50.05 2.68 0.00	50.54 2.76 -0.98	60.90 3.35 -8.98	52.75 2.87 0.00	53.52 2.86 0.00	57.05 3.42 0.00	54.69 2.77 0.00	48.23 2.68 -0.01
TEMPLE___115KV_TB 2 55572	48.37 -0.27 0.00	41.82 -0.39 -0.02	38.90 -0.36 0.00	37.52 -0.35 0.00	38.93 -0.34 0.00	50.78 -0.40 -0.37	47.13 -0.34 0.00	48.91 -0.33 0.00	46.10 -0.29 0.00	36.27 -0.19 0.00	38.54 -0.06 0.00	42.46 0.09 0.00	47.80 0.17 0.00	53.13 0.32 0.00	48.05 0.23 0.00	50.65 0.24 0.00	47.53 0.16 0.00	47.09 0.19 -0.10	49.62 0.24 -0.81	51.40 0.16 -1.37	50.91 0.06 -0.20	53.64 0.01 0.00	51.75 -0.17 0.00	45.30 -0.24 0.00
TIANA___69_KV_BK 1 55817	46.66 1.31 3.29	44.06 1.88 0.00	40.55 1.30 0.00	38.99 1.12 0.00	40.52 1.24 0.00	52.20 1.39 0.00	48.96 1.49 0.00	50.58 1.33 0.00	48.22 1.83 0.00	38.43 1.92 -0.06	49.89 1.75 -9.54	43.64 1.23 -0.04	43.92 1.24 4.95	44.37 1.28 9.71	43.89 1.36 5.29	48.49 1.28 3.19	45.58 1.34 3.13	34.89 1.28 13.19	34.10 0.50 14.98	15.21 0.52 35.20	21.91 1.08 29.83	19.16 0.17 34.64	42.49 0.38 9.82	44.19 0.37 1.72

TILDEN___115KV_TB1 80814	48.65 0.00 0.00	42.05 -0.17 -0.03	39.11 -0.15 0.00	37.72 -0.16 0.00	39.12 -0.15 0.00	51.11 -0.15 -0.45	47.37 -0.10 -0.01	49.16 -0.09 0.00	46.32 -0.08 0.00	36.41 -0.05 0.00	38.68 0.08 0.00	42.62 0.25 0.00	47.98 0.36 0.00	53.33 0.52 0.00	48.26 0.45 0.00	50.87 0.47 0.00	47.75 0.39 0.00	47.35 0.43 -0.12	50.07 0.52 -0.97	51.99 0.47 -1.65	51.27 0.38 -0.24	53.97 0.33 0.00	52.06 0.14 0.00	45.55 0.01 0.00
TRIGEN___CC 323695	49.73 1.40 0.32	43.94 1.75 0.00	40.54 1.29 0.00	39.03 1.16 0.00	40.45 1.18 0.00	52.22 1.41 0.00	48.97 1.50 0.00	50.77 1.53 0.00	48.30 1.90 0.00	38.27 1.76 -0.06	49.79 1.65 -9.54	47.92 1.44 -4.11	49.12 1.41 -0.08	53.58 1.34 0.57	48.46 1.22 0.57	51.58 1.07 -0.11	48.18 1.12 0.31	46.57 1.06 1.29	46.79 0.37 2.15	44.70 0.33 5.51	48.17 0.53 3.01	48.25 -0.09 5.29	50.72 0.34 1.54	45.75 0.47 0.27
TRINITY___115KV___4 BK 55933	48.13 -0.52 0.00	41.90 -0.29 0.00	38.97 -0.29 0.00	37.67 -0.21 0.00	39.03 -0.25 0.00	50.45 -0.36 0.00	47.08 -0.38 0.00	48.96 -0.28 0.00	46.20 -0.19 0.00	36.20 -0.21 0.05	31.04 -0.23 7.33	38.19 -0.43 3.76	46.40 -0.58 0.65	51.19 -0.74 0.88	47.04 -0.67 0.11	49.39 -0.65 0.36	46.92 -0.44 0.00	46.46 -0.34 0.00	47.95 -0.63 0.00	49.13 -0.75 0.00	49.86 -0.79 0.00	52.67 -0.96 0.00	51.19 -0.73 0.00	44.99 -0.55 0.00
UNION___PROCESSING_DRP 323587	50.07 1.42 0.00	43.07 0.89 0.00	40.08 0.82 0.00	38.51 0.63 0.00	40.00 0.73 0.00	51.94 1.13 0.00	48.61 1.14 0.00	50.15 0.91 0.00	47.18 0.79 0.00	37.27 0.82 0.00	39.82 1.22 0.00	44.15 1.78 0.00	49.86 2.23 0.00	55.70 2.89 0.00	50.40 2.59 0.00	53.15 2.75 0.00	49.52 2.16 0.00	48.64 2.17 0.33	48.14 2.45 2.89	52.06 2.18 0.00	52.74 2.09 0.00	55.96 2.33 0.00	53.76 1.83 0.00	47.16 1.62 0.00
UPPER HUDSON___HYD 24058	50.21 1.57 0.00	43.50 1.31 0.00	40.53 1.28 0.00	39.16 1.29 0.00	40.63 1.35 0.00	52.48 1.67 0.00	49.02 1.56 0.00	50.99 1.74 0.00	48.00 1.60 0.00	37.34 0.93 0.05	31.29 0.70 8.01	38.87 0.61 4.11	47.43 0.52 0.71	52.45 0.60 0.96	48.52 0.83 0.12	51.18 1.16 0.39	48.82 1.45 0.00	48.57 1.77 0.00	50.46 1.89 0.00	52.18 2.30 0.00	52.90 2.25 0.00	55.89 2.25 0.00	54.15 2.22 0.00	47.48 1.93 0.00
UPPER RAQUET___HYD 24056	50.31 1.66 0.00	43.60 1.41 0.00	40.53 1.28 0.00	39.05 1.18 0.00	40.53 1.26 0.00	52.55 1.74 0.00	49.09 1.62 0.00	50.73 1.49 0.00	47.40 1.01 0.00	37.13 0.68 0.00	39.17 0.57 0.00	42.95 0.58 0.00	48.34 0.71 0.00	53.63 0.82 0.00	48.53 0.71 0.00	51.15 0.75 0.00	47.68 0.32 0.00	47.16 0.36 0.00	49.12 0.54 0.00	50.85 0.97 0.00	51.81 1.16 0.00	55.92 2.29 0.00	54.17 2.25 0.00	47.42 1.88 0.00
VALLEY44_115KV_TB2 355964	50.01 1.37 0.00	42.69 0.50 0.00	39.94 0.68 0.00	38.22 0.34 0.00	39.81 0.53 0.00	51.31 0.49 0.00	48.50 1.03 0.00	50.02 0.78 0.00	46.83 0.43 0.00	36.96 0.51 0.00	39.85 1.25 0.00	44.51 2.14 0.00	50.08 2.46 0.00	55.68 2.88 0.00	50.42 2.60 0.00	52.70 2.30 0.00	48.64 1.28 0.00	48.57 1.19 -0.57	55.63 1.49 -5.57	50.73 0.85 0.00	51.52 0.87 0.00	55.27 1.64 0.00	53.40 1.48 0.00	47.04 1.49 -0.01
VALLEY___115KV_TB 1-4 80826	48.56 -0.09 0.00	42.17 -0.02 0.00	39.21 -0.05 0.00	37.86 -0.01 0.00	39.26 -0.02 0.00	50.79 -0.02 0.00	47.42 -0.05 0.00	49.17 -0.08 0.00	46.21 -0.19 0.00	36.08 -0.37 0.00	38.07 -0.53 0.00	41.72 -0.66 0.00	46.82 -0.80 0.00	52.04 -0.77 0.00	47.30 -0.51 0.00	50.03 -0.37 0.00	47.17 -0.20 0.00	47.05 0.25 0.00	48.85 0.27 0.00	50.20 0.33 0.00	51.18 0.52 0.00	54.37 0.73 0.00	52.68 0.76 0.00	46.14 0.60 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	50.27 1.63 0.00	43.53 1.33 -0.01	40.50 1.25 0.00	39.12 1.25 0.00	40.60 1.32 0.00	52.61 1.66 -0.13	49.04 1.57 0.00	50.89 1.64 0.00	48.02 1.62 0.00	37.81 1.36 0.00	40.10 1.50 0.00	44.08 1.71 0.00	49.55 1.93 0.00	54.97 2.17 0.00	49.75 1.93 0.00	52.36 1.96 0.00	49.28 1.91 0.00	48.81 1.98 -0.04	50.80 1.93 -0.29	52.33 1.95 -0.49	52.59 1.86 -0.07	55.37 1.74 0.00	53.55 1.63 0.00	46.89 1.34 0.00
VISCHER___FERRY HYD 24020	49.33 0.69 0.00	42.92 0.73 0.00	39.92 0.67 0.00	38.58 0.71 0.00	40.01 0.73 0.00	51.72 0.91 0.00	48.26 0.79 0.00	50.20 0.96 0.00	47.28 0.89 0.00	36.94 0.56 0.07	28.13 0.51 10.98	37.12 0.37 5.62	46.95 0.30 0.98	51.75 0.25 1.31	47.89 0.25 0.17	50.25 0.38 0.54	47.90 0.53 0.00	47.46 0.66 0.00	49.11 0.53 0.00	50.37 0.49 0.00	51.14 0.49 0.00	54.04 0.41 0.00	52.54 0.62 0.00	46.14 0.60 0.00
V_A_10_SYNC_DSASP 323832	50.06 1.42 0.00	42.97 0.78 0.00	40.05 0.80 0.00	38.41 0.54 0.00	39.99 0.71 0.00	51.96 1.15 0.00	48.55 1.09 0.00	49.77 0.52 0.00	46.70 0.30 0.00	37.05 0.60 0.00	39.74 1.14 0.00	44.25 1.87 0.00	49.79 2.17 0.00	55.59 2.78 0.00	50.21 2.39 0.00	52.79 2.38 0.00	48.85 1.49 0.00	48.68 1.48 -0.40	55.11 2.04 -4.50	51.48 1.60 0.00	52.19 1.54 0.00	55.69 2.05 0.00	53.52 1.60 0.00	47.27 1.72 -0.01
V_CMM_10_SYNC_DSASP 323787	49.23 0.59 0.00	42.71 0.52 0.00	39.72 0.47 0.00	38.29 0.42 0.00	39.74 0.46 0.00	51.46 0.65 0.00	48.06 0.59 0.00	49.73 0.48 0.00	46.70 0.30 0.00	36.69 0.24 0.00	38.77 0.17 0.00	42.53 0.15 0.00	47.87 0.25 0.00	53.12 0.32 0.00	48.09 0.27 0.00	50.66 0.26 0.00	47.53 0.17 0.00	46.84 0.04 0.00	48.90 0.33 0.00	50.35 0.46 0.00	51.27 0.62 0.00	54.58 0.94 0.00	52.77 0.85 0.00	46.33 0.79 0.00
V_CMP_10_SYNC_DSASP 323788	48.67 0.03 0.00	42.42 0.24 0.00	39.47 0.22 0.00	38.09 0.22 0.00	39.56 0.28 0.00	51.31 0.50 0.00	47.94 0.48 0.00	49.64 0.39 0.00	46.58 0.19 0.00	36.61 0.16 0.00	38.61 0.01 0.00	42.11 -0.27 0.00	47.44 -0.19 0.00	52.64 -0.16 0.00	47.66 -0.15 0.00	50.22 -0.18 0.00	47.15 -0.22 0.00	46.46 -0.33 0.00	48.59 0.02 0.00	50.07 0.19 0.00	50.98 0.33 0.00	54.20 0.56 0.00	52.28 0.36 0.00	45.84 0.30 0.00
V_D_10_SYNC_DSASP 323841	49.65 1.01 0.00	43.07 0.88 0.00	40.05 0.79 0.00	38.61 0.73 0.00	40.06 0.78 0.00	51.90 1.09 0.00	48.47 1.00 0.00	50.13 0.89 0.00	47.02 0.62 0.00	36.93 0.47 0.00	39.01 0.41 0.00	42.78 0.41 0.00	48.15 0.53 0.00	53.44 0.64 0.00	48.39 0.57 0.00	50.96 0.56 0.00	47.72 0.36 0.00	47.06 0.26 0.00	49.13 0.56 0.00	50.64 0.76 0.00	51.66 1.01 0.00	55.10 1.47 0.00	53.27 1.35 0.00	46.75 1.21 0.00
V_E_10_SYNC_DSASP 323830	52.65 4.01 0.00	45.30 3.09 -0.02	42.00 2.74 0.00	40.32 2.44 0.00	41.77 2.49 0.00	54.52 3.42 -0.29	50.95 3.48 0.00	52.91 3.66 0.00	49.64 3.25 0.00	38.89 2.44 0.00	41.39 2.79 0.00	45.58 3.20 0.00	51.58 3.96 0.00	57.53 4.73 0.00	51.89 4.08 0.00	54.73 4.33 0.00	51.66 4.30 0.00	51.42 4.54 -0.08	54.05 4.86 -0.62	56.17 5.24 -1.05	56.02 5.21 -0.15	58.76 5.13 0.00	56.46 4.54 0.00	49.07 3.53 0.00

V_F_30_NSYNC___DSASP 323816	50.23 1.59 0.00	43.58 1.39 0.00	40.56 1.31 0.00	39.18 1.30 0.00	40.66 1.38 0.00	52.57 1.76 0.00	49.08 1.61 0.00	51.00 1.76 0.00	48.02 1.62 0.00	37.47 1.07 0.05	31.10 0.99 8.49	38.96 0.93 4.35	47.80 0.93 0.76	52.88 1.09 1.01	48.82 1.14 0.13	51.37 1.38 0.41	48.91 1.54 0.00	48.54 1.74 0.00	50.37 1.79 0.00	51.79 1.91 0.00	52.52 1.87 0.00	55.45 1.81 0.00	53.76 1.84 0.00	47.15 1.61 0.00
V_F_30_SYNC_DSASP 323786	48.41 -0.23 0.00	42.12 -0.07 0.00	39.16 -0.09 0.00	37.85 -0.02 0.00	39.23 -0.05 0.00	50.70 -0.11 0.00	47.33 -0.13 0.00	49.22 -0.02 0.00	46.44 0.04 0.00	36.40 -0.01 0.05	31.12 0.00 7.48	38.38 -0.16 3.83	46.70 -0.26 0.66	51.56 -0.35 0.89	47.42 -0.28 0.12	49.79 -0.24 0.36	47.30 -0.06 0.00	46.83 0.03 0.00	48.33 -0.24 0.00	49.52 -0.36 0.00	50.22 -0.43 0.00	53.04 -0.59 0.00	51.52 -0.40 0.00	45.27 -0.28 0.00
V_XM_10_SYNC_DSASP 323789	48.67 0.03 0.00	42.42 0.24 0.00	39.47 0.22 0.00	38.09 0.22 0.00	39.56 0.28 0.00	51.31 0.50 0.00	47.94 0.48 0.00	49.64 0.39 0.00	46.58 0.19 0.00	36.61 0.16 0.00	38.61 0.01 0.00	42.11 -0.27 0.00	47.44 -0.19 0.00	52.64 -0.16 0.00	47.66 -0.15 0.00	50.22 -0.18 0.00	47.15 -0.22 0.00	46.46 -0.33 0.00	48.59 0.02 0.00	50.07 0.19 0.00	50.98 0.33 0.00	54.20 0.56 0.00	52.28 0.36 0.00	45.84 0.30 0.00
W.BABYLN_69_KV_BK1 56697	47.63 1.85 2.86	44.46 2.28 0.00	40.98 1.73 0.00	39.42 1.54 0.00	40.90 1.62 0.00	52.75 1.94 0.00	49.45 1.98 0.00	51.09 1.85 0.00	48.74 2.34 0.00	38.73 2.21 -0.06	50.08 1.95 -9.54	44.51 1.44 -0.70	44.97 1.52 4.17	46.03 1.47 8.25	44.64 1.39 4.56	49.04 1.34 2.71	46.08 1.44 2.72	36.73 1.38 11.45	36.18 0.68 13.08	19.85 0.74 30.77	26.26 1.16 25.55	23.73 0.34 30.25	44.10 0.76 8.58	44.82 0.78 1.50
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	49.66 1.02 0.00	43.31 1.12 0.00	40.21 0.96 0.00	38.72 0.85 0.00	40.06 0.79 0.00	51.78 0.97 0.00	48.62 1.15 0.00	50.56 1.32 0.00	47.87 1.48 0.00	37.75 1.25 -0.06	48.57 1.30 -8.67	48.27 1.46 -4.44	49.92 1.53 -0.77	55.34 1.50 -1.04	49.28 1.33 -0.13	52.13 1.31 -0.42	48.63 1.26 0.00	48.13 1.33 0.00	49.30 0.72 0.00	50.54 0.66 0.00	51.29 0.64 0.00	53.96 0.32 0.00	52.51 0.59 0.00	46.10 0.56 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.01 1.36 0.00	43.66 1.48 0.00	40.52 1.26 0.00	38.99 1.12 0.00	40.35 1.08 0.00	52.14 1.33 0.00	49.02 1.56 0.00	51.10 1.85 0.00	48.50 2.10 0.00	38.31 1.80 -0.06	49.99 1.85 -9.53	49.26 2.01 -4.88	50.40 1.93 -0.85	55.76 1.82 -1.14	49.59 1.63 -0.15	52.34 1.48 -0.46	48.82 1.45 0.00	48.25 1.45 0.00	49.25 0.68 0.00	50.40 0.51 0.00	51.01 0.36 0.00	53.70 0.07 0.00	52.41 0.49 0.00	46.12 0.58 0.00
W50THST__13_KV_LOAD 356117	50.29 1.65 0.00	43.94 1.75 0.00	40.77 1.51 0.00	39.22 1.35 0.00	40.60 1.32 0.00	52.47 1.65 0.00	49.38 1.92 0.00	51.51 2.27 0.00	48.92 2.53 0.00	38.67 2.16 -0.06	50.38 2.24 -9.53	49.72 2.46 -4.88	50.87 2.40 -0.85	56.21 2.26 -1.14	49.99 2.03 -0.15	52.75 1.88 -0.46	49.20 1.84 0.00	48.61 1.81 0.00	49.58 1.01 0.00	50.68 0.80 0.00	51.30 0.65 0.00	53.98 0.35 0.00	52.67 0.75 0.00	46.40 0.86 0.00
WADING RIVER_IC_1 23522	45.88 0.53 3.30	43.41 1.22 0.00	39.94 0.69 0.00	38.42 0.55 0.00	39.91 0.63 0.00	51.42 0.61 0.00	48.20 0.74 0.00	49.80 0.55 0.00	47.51 1.11 0.00	37.80 1.28 -0.06	49.21 1.08 -9.54	42.78 0.37 -0.04	42.93 0.26 4.95	43.27 0.17 9.72	42.84 0.32 5.29	47.44 0.23 3.19	44.63 0.40 3.13	33.95 0.35 13.19	33.21 -0.38 14.98	14.34 -0.33 35.21	20.91 0.10 29.84	18.11 -0.87 34.66	41.53 -0.57 9.82	43.43 -0.40 1.72
WADING RIVER_IC_2 23547	45.88 0.53 3.30	43.41 1.22 0.00	39.94 0.69 0.00	38.42 0.55 0.00	39.91 0.63 0.00	51.42 0.61 0.00	48.20 0.74 0.00	49.80 0.55 0.00	47.51 1.11 0.00	37.80 1.28 -0.06	49.21 1.08 -9.54	42.78 0.37 -0.04	42.93 0.26 4.95	43.27 0.17 9.72	42.84 0.32 5.29	47.44 0.23 3.19	44.63 0.40 3.13	33.95 0.35 13.19	33.21 -0.38 14.98	14.34 -0.33 35.21	20.91 0.10 29.84	18.11 -0.87 34.66	41.53 -0.57 9.82	43.43 -0.40 1.72
WADING RIVER_IC_3 23601	45.88 0.53 3.30	43.41 1.22 0.00	39.94 0.69 0.00	38.42 0.55 0.00	39.91 0.63 0.00	51.42 0.61 0.00	48.20 0.74 0.00	49.80 0.55 0.00	47.51 1.11 0.00	37.80 1.28 -0.06	49.21 1.08 -9.54	42.78 0.37 -0.04	42.93 0.26 4.95	43.27 0.17 9.72	42.84 0.32 5.29	47.44 0.23 3.19	44.63 0.40 3.13	33.95 0.35 13.19	33.21 -0.38 14.98	14.34 -0.33 35.21	20.91 0.10 29.84	18.11 -0.87 34.66	41.53 -0.57 9.82	43.43 -0.40 1.72
WALDENNY_12_KV_BK2 80841	51.69 3.05 0.00	44.19 2.00 0.00	41.16 1.91 0.00	39.37 1.50 0.00	41.02 1.75 0.00	53.35 2.54 0.00	49.88 2.41 0.00	51.14 1.90 0.00	47.98 1.59 0.00	38.17 1.71 0.00	41.05 2.45 0.00	45.83 3.46 0.00	51.58 3.96 0.00	57.65 4.85 0.00	52.08 4.26 0.00	54.81 4.41 0.00	50.69 3.32 0.00	50.88 3.30 -0.78	59.95 3.91 -7.46	53.32 3.44 0.00	54.01 3.35 0.00	57.61 3.98 0.00	55.17 3.25 0.00	48.66 3.10 -0.01
WALDEN__HYDRO 24148	49.72 1.08 0.00	43.29 1.10 0.00	40.19 0.94 0.00	38.72 0.85 0.00	40.07 0.80 0.00	51.80 0.99 0.00	48.61 1.14 0.00	50.56 1.31 0.00	47.84 1.45 0.00	37.68 1.18 -0.05	47.19 1.23 -7.37	47.53 1.38 -3.78	49.70 1.43 -0.65	55.10 1.42 -0.88	49.20 1.27 -0.11	51.98 1.22 -0.36	48.56 1.19 0.00	48.12 1.32 0.00	49.40 0.82 0.00	50.64 0.76 0.00	51.40 0.74 0.00	54.11 0.47 0.00	52.61 0.69 0.00	46.17 0.63 0.00
WARRENSBURG____ 23737	50.22 1.57 0.00	43.50 1.31 0.00	40.53 1.28 0.00	39.16 1.29 0.00	40.63 1.35 0.00	52.48 1.66 0.00	49.02 1.56 0.00	50.99 1.74 0.00	48.00 1.60 0.00	37.34 0.93 0.05	31.30 0.70 8.01	38.88 0.61 4.11	47.43 0.52 0.71	52.45 0.60 0.96	48.52 0.83 0.12	51.18 1.16 0.39	48.82 1.45 0.00	48.58 1.78 0.00	50.47 1.89 0.00	52.18 2.30 0.00	52.90 2.25 0.00	55.89 2.26 0.00	54.15 2.22 0.00	47.48 1.93 0.00
WATERSIDE____6 8 9 23538	49.93 1.28 0.00	43.69 1.51 0.00	40.51 1.26 0.00	38.98 1.10 0.00	40.34 1.06 0.00	51.98 1.16 0.00	49.07 1.60 0.00	51.01 1.77 0.00	48.52 2.13 0.00	38.31 1.80 -0.06	49.94 1.80 -9.53	49.21 1.95 -4.88	50.19 1.72 -0.85	55.50 1.55 -1.14	49.45 1.49 -0.15	52.09 1.22 -0.46	48.68 1.32 0.00	48.16 1.36 0.00	48.86 0.29 0.00	50.10 0.22 0.00	50.73 0.08 0.00	53.43 -0.21 0.00	52.25 0.33 0.00	46.14 0.60 0.00
WATKINRD_115KV_LN8_ILLION 55919	48.53 -0.12 0.00	42.12 -0.07 0.00	39.17 -0.09 0.00	37.82 -0.05 0.00	39.21 -0.07 0.00	50.73 -0.08 0.00	47.36 -0.11 0.00	49.12 -0.12 0.00	46.20 -0.19 0.00	36.13 -0.32 0.00	38.17 -0.43 0.00	41.84 -0.53 0.00	46.96 -0.67 0.00	52.13 -0.68 0.00	47.34 -0.47 0.00	50.03 -0.37 0.00	47.15 -0.21 0.00	46.90 0.10 0.00	48.67 0.10 0.00	50.02 0.14 0.00	50.92 0.27 0.00	54.03 0.40 0.00	52.35 0.43 0.00	45.86 0.32 0.00

WDELAWARE___HYD 323627	49.10 0.46 0.00	42.67 0.48 0.00	39.59 0.34 0.00	38.14 0.27 0.00	39.49 0.21 0.00	51.04 0.22 0.00	47.88 0.42 0.00	49.80 0.55 0.00	47.12 0.72 0.00	37.12 0.63 -0.04	45.15 0.68 -5.87	46.16 0.78 -3.01	48.91 0.77 -0.52	54.04 0.54 -0.70	47.19 -0.72 -0.09	49.78 -0.91 -0.29	46.71 -0.65 0.00	46.33 -0.47 0.00	47.65 -0.93 0.00	49.08 -0.80 0.00	51.02 0.37 0.00	53.70 0.06 0.00	52.10 0.17 0.00	45.65 0.11 0.00
WEST BABYLON___IC 23714	47.63 1.85 2.86	44.46 2.28 0.00	40.98 1.73 0.00	39.42 1.54 0.00	40.90 1.62 0.00	52.75 1.94 0.00	49.45 1.98 0.00	51.09 1.85 0.00	48.74 2.34 0.00	38.73 2.21 -0.06	50.08 1.95 -9.54	44.51 1.44 -0.70	44.97 1.52 4.17	46.03 1.47 8.25	44.64 1.39 4.56	49.04 1.34 2.71	46.08 1.44 2.72	36.73 1.38 11.45	36.18 0.68 13.08	19.85 0.74 30.77	26.26 1.16 25.55	23.73 0.34 30.25	44.10 0.76 8.58	44.82 0.78 1.50
WEST CANADA___HYD 24049	48.60 -0.05 0.00	42.16 -0.03 0.00	39.21 -0.04 0.00	37.85 -0.02 0.00	39.25 -0.03 0.00	50.76 -0.05 0.00	47.42 -0.05 0.00	49.21 -0.03 0.00	46.40 0.00 0.00	36.42 -0.03 0.00	38.57 -0.03 0.00	42.33 -0.05 0.00	47.55 -0.07 0.00	52.70 -0.10 0.00	47.74 -0.07 0.00	50.35 -0.05 0.00	47.36 0.00 0.00	46.83 0.03 0.00	48.55 -0.02 0.00	49.87 -0.01 0.00	50.63 -0.03 0.00	53.56 -0.07 0.00	51.87 -0.05 0.00	45.48 -0.06 0.00
WESTERN_NY_WIND 24143	52.34 3.69 0.00	44.83 2.64 0.00	41.70 2.44 0.00	39.95 2.08 0.00	41.58 2.31 0.00	54.08 3.27 0.00	50.62 3.16 0.00	52.09 2.85 0.00	48.83 2.44 0.00	38.62 2.17 0.00	41.28 2.68 0.00	45.83 3.46 0.00	51.82 4.20 0.00	58.27 5.46 0.00	52.53 4.71 0.00	55.28 4.87 0.00	51.39 4.02 0.00	56.87 4.22 -5.84	104.53 4.76 -51.19	54.35 4.47 0.00	55.11 4.46 0.00	58.64 5.00 0.00	56.14 4.22 0.00	49.40 3.82 -0.04
WESTOVER___LESR 323668	49.24 0.60 0.00	42.42 0.22 -0.02	39.53 0.28 0.00	38.01 0.14 0.00	39.56 0.28 0.00	51.46 0.37 -0.28	47.82 0.36 0.00	49.63 0.39 0.00	46.71 0.31 0.00	36.68 0.22 0.00	39.04 0.44 0.00	43.17 0.80 0.00	48.51 0.89 0.00	53.91 1.10 0.00	48.78 0.97 0.00	51.35 0.95 0.00	48.08 0.71 0.00	47.67 0.80 -0.07	50.35 0.90 -0.88	51.78 0.89 -1.01	51.52 0.72 -0.15	54.31 0.68 0.00	52.51 0.59 0.00	45.94 0.39 0.00
WETHRSFD_WT_PWR 323626	50.51 1.86 0.00	43.22 1.04 0.00	40.31 1.05 0.00	38.56 0.68 0.00	40.23 0.95 0.00	52.27 1.46 0.00	48.90 1.44 0.00	50.23 0.98 0.00	46.94 0.54 0.00	37.15 0.70 0.00	39.93 1.34 0.00	44.38 2.00 0.00	49.86 2.24 0.00	55.69 2.88 0.00	50.26 2.44 0.00	52.95 2.55 0.00	49.19 1.82 0.00	49.34 2.00 -0.55	56.34 2.50 -5.27	52.10 2.23 0.00	52.90 2.25 0.00	56.24 2.60 0.00	53.81 1.89 0.00	47.29 1.74 -0.01
WHAVSTOR_138KV_BK127 55557	49.43 0.78 0.00	43.10 0.91 0.00	40.04 0.78 0.00	38.55 0.67 0.00	39.89 0.61 0.00	51.54 0.73 0.00	48.39 0.93 0.00	50.32 1.07 0.00	47.63 1.23 0.00	37.55 1.04 -0.06	48.39 1.09 -8.71	48.04 1.20 -4.46	49.61 1.22 -0.77	54.99 1.14 -1.04	48.95 1.00 -0.13	51.77 0.94 -0.42	48.28 0.91 0.00	47.78 0.98 0.00	48.95 0.37 0.00	50.19 0.31 0.00	50.92 0.27 0.00	53.61 -0.03 0.00	52.21 0.29 0.00	45.87 0.33 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	49.43 0.78 0.00	43.10 0.91 0.00	40.04 0.78 0.00	38.55 0.67 0.00	39.89 0.61 0.00	51.54 0.73 0.00	48.39 0.93 0.00	50.32 1.07 0.00	47.63 1.23 0.00	37.55 1.04 -0.06	48.39 1.09 -8.71	48.04 1.20 -4.46	49.61 1.22 -0.77	54.99 1.14 -1.04	48.95 1.00 -0.13	51.77 0.94 -0.42	48.28 0.91 0.00	47.78 0.98 0.00	48.95 0.37 0.00	50.19 0.31 0.00	50.92 0.27 0.00	53.61 -0.03 0.00	52.21 0.29 0.00	45.87 0.33 0.00
WHITEHAL_115KV_TB1 80871	51.37 2.73 0.00	44.35 2.17 0.00	41.25 2.00 0.00	39.95 2.08 0.00	41.45 2.17 0.00	53.41 2.60 0.00	50.20 2.74 0.00	52.34 3.10 0.00	49.11 2.71 0.00	37.83 1.42 0.05	31.88 1.49 8.21	39.66 1.50 4.21	48.30 1.41 0.73	53.26 1.44 0.98	49.51 1.83 0.13	52.26 2.26 0.40	50.06 2.69 0.00	50.02 3.23 0.00	52.16 3.59 0.00	53.72 3.84 0.00	54.54 3.88 0.00	57.56 3.93 0.00	56.08 4.16 0.00	49.53 3.99 0.00
WHITEPLN_13_KV_LOAD 356215	50.39 1.75 0.00	43.90 1.71 0.00	40.73 1.47 0.00	39.20 1.32 0.00	40.58 1.30 0.00	52.48 1.66 0.00	49.33 1.86 0.00	51.38 2.14 0.00	48.73 2.33 0.00	38.47 1.95 -0.06	50.14 2.02 -9.52	49.48 2.22 -4.88	50.75 2.28 -0.85	56.23 2.28 -1.14	50.03 2.07 -0.15	52.86 1.99 -0.46	49.28 1.91 0.00	48.72 1.92 0.00	49.84 1.27 0.00	51.01 1.13 0.00	51.71 1.06 0.00	54.40 0.77 0.00	52.99 1.06 0.00	46.54 1.00 0.00
WM_FLOYD_69_KV_BK2 356380	46.39 1.03 3.29	43.83 1.64 0.00	40.34 1.08 0.00	38.80 0.92 0.00	40.31 1.03 0.00	51.94 1.13 0.00	48.69 1.23 0.00	50.29 1.05 0.00	47.97 1.57 0.00	38.15 1.64 -0.06	49.57 1.43 -9.54	43.23 0.81 -0.05	43.41 0.72 4.94	43.76 0.64 9.69	43.30 0.76 5.28	47.94 0.72 3.18	45.10 0.86 3.12	34.49 0.85 13.16	33.79 0.16 14.95	15.00 0.24 35.12	21.62 0.72 29.76	18.84 -0.22 34.57	42.14 0.01 9.79	43.90 0.07 1.71
WOODARD___115KV_TB2 355635	48.27 -0.37 0.00	41.76 -0.46 -0.03	38.84 -0.42 0.00	37.46 -0.41 0.00	38.85 -0.43 0.00	50.80 -0.51 -0.49	47.03 -0.44 -0.01	48.79 -0.46 0.00	45.99 -0.40 0.00	36.16 -0.29 0.00	38.41 -0.19 0.00	42.29 -0.08 0.00	47.60 -0.02 0.00	52.89 0.09 0.00	47.86 0.04 0.00	50.44 0.04 0.00	47.35 -0.02 0.00	46.97 0.04 -0.13	49.72 0.09 -1.07	51.70 0.01 -1.81	50.85 -0.07 -0.26	53.51 -0.13 0.00	51.64 -0.28 0.00	45.21 -0.33 0.00
WOODMERE_69_KV_BK1 55827	51.02 2.16 -0.22	44.57 2.38 0.00	41.11 1.86 0.00	39.55 1.68 0.00	40.99 1.71 0.00	52.93 2.11 0.00	49.61 2.14 0.00	51.43 2.19 0.00	48.91 2.52 0.00	38.76 2.25 -0.06	50.32 2.18 -9.54	49.02 2.05 -4.60	50.55 2.11 -0.83	55.52 2.15 -0.56	49.89 1.95 -0.12	52.96 1.85 -0.71	49.40 1.83 -0.20	49.43 1.76 -0.87	49.93 1.13 -0.23	51.17 1.10 -0.20	66.91 1.30 -14.96	55.59 0.69 -1.27	53.02 1.09 0.00	46.64 1.10 0.00
YORK___WARBASSE 23770	50.19 1.54 0.00	43.91 1.72 0.00	40.71 1.46 0.00	39.16 1.29 0.00	40.51 1.23 0.00	52.15 1.33 0.00	49.24 1.78 0.00	51.08 1.83 0.00	48.63 2.24 0.00	38.40 1.89 -0.06	50.00 1.87 -9.53	49.27 2.01 -4.88	50.25 1.78 -0.85	55.59 1.65 -1.14	49.60 1.64 -0.15	52.27 1.40 -0.46	48.91 1.54 0.00	48.34 1.54 0.00	48.98 0.41 0.00	50.25 0.37 0.00	50.91 0.26 0.00	53.62 -0.02 0.00	52.44 0.51 0.00	46.33 0.79 0.00