

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/26/2025

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	51.51	48.16	40.85	39.97	37.77	37.30	40.31	55.49	43.80	35.07	27.70	25.10	31.17	35.01	31.93	33.99	40.49	55.05	55.17	51.36	48.03	45.60	39.53	37.17
24138	1.88	1.78	1.37	1.29	1.18	1.36	1.41	1.99	1.82	1.80	1.49	1.44	1.75	1.89	1.75	1.66	1.55	1.81	1.76	1.63	1.33	1.11	1.02	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	51.60	48.26	40.93	40.05	37.86	37.38	40.40	55.61	43.91	35.16	27.76	25.12	31.20	35.06	31.97	34.07	40.60	55.22	55.34	51.51	48.20	45.78	39.69	37.31
24260	1.97	1.88	1.45	1.37	1.26	1.44	1.51	2.11	1.93	1.89	1.55	1.47	1.78	1.95	1.78	1.74	1.66	1.98	1.93	1.78	1.51	1.29	1.17	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	51.60	48.26	40.93	40.05	37.86	37.38	40.40	55.61	43.91	35.16	27.76	25.12	31.20	35.06	31.97	34.07	40.60	55.22	55.34	51.51	48.20	45.78	39.69	37.31
24261	1.97	1.88	1.45	1.37	1.26	1.44	1.51	2.11	1.93	1.89	1.55	1.47	1.78	1.95	1.78	1.74	1.66	1.98	1.93	1.78	1.51	1.29	1.17	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	51.43	48.07	40.95	40.12	38.01	37.39	40.49	55.23	43.32	34.21	26.66	23.99	29.92	33.81	30.76	33.24	40.43	55.36	55.29	51.72	48.79	46.35	39.98	37.27
24011	1.80	1.68	1.47	1.45	1.42	1.45	1.60	1.73	1.35	0.94	0.45	0.34	0.49	0.70	0.58	0.91	1.49	2.11	1.88	1.99	2.10	1.86	1.46	1.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	51.70	48.29	41.12	40.29	38.19	37.61	40.77	55.47	43.51	34.35	26.70	24.01	29.97	33.90	30.82	33.36	40.70	55.63	55.52	52.01	49.14	46.65	40.18	37.40
23798	2.07	1.90	1.64	1.62	1.60	1.67	1.88	1.97	1.53	1.08	0.48	0.36	0.54	0.79	0.63	1.03	1.76	2.39	2.11	2.28	2.44	2.16	1.67	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	51.43	48.07	40.95	40.12	38.01	37.39	40.49	55.23	43.32	34.21	26.66	23.99	29.92	33.81	30.76	33.24	40.43	55.36	55.29	51.72	48.79	46.35	39.98	37.27
24028	1.80	1.68	1.47	1.45	1.42	1.45	1.60	1.73	1.35	0.94	0.45	0.34	0.49	0.70	0.58	0.91	1.49	2.11	1.88	1.99	2.10	1.86	1.46	1.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	51.07	47.64	40.62	39.76	37.67	37.12	40.21	54.70	42.97	34.15	26.78	24.09	30.02	33.94	30.89	33.18	40.07	54.68	54.45	51.05	48.24	46.07	39.75	37.12
23527	1.44	1.25	1.14	1.09	1.08	1.18	1.32	1.20	0.99	0.88	0.57	0.44	0.60	0.83	0.70	0.86	1.13	1.44	1.03	1.32	1.54	1.58	1.23	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	49.15	45.98	39.16	38.34	36.28	35.74	38.63	52.86	41.57	33.06	26.01	23.46	29.20	32.91	30.04	32.16	38.61	52.74	52.70	49.21	46.32	44.10	38.13	35.73
24190	-0.48	-0.41	-0.32	-0.33	-0.32	-0.20	-0.27	-0.64	-0.40	-0.21	-0.20	-0.19	-0.23	-0.20	-0.14	-0.17	-0.33	-0.50	-0.72	-0.52	-0.38	-0.38	-0.39	-0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	50.72	47.37	40.29	39.44	37.37	36.55	39.53	54.49	42.76	33.80	26.72	24.12	30.06	33.83	30.87	33.06	39.86	54.55	54.84	51.01	47.79	45.48	39.39	37.03
355683	1.09	0.98	0.81	0.77	0.77	0.61	0.64	0.99	0.78	0.53	0.51	0.46	0.63	0.72	0.68	0.74	0.92	1.31	1.43	1.29	1.10	0.99	0.87	0.88
	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	50.38	47.12	40.15	39.32	37.20	36.62	39.59	54.25	42.50	33.54	26.32	23.74	29.56	33.34	30.36	32.59	39.37	53.99	54.07	50.42	47.46	45.19	39.08	36.62
323833	0.75	0.74	0.67	0.65	0.60	0.68	0.70	0.75	0.52	0.27	0.11	0.09	0.14	0.23	0.18	0.26	0.43	0.75	0.66	0.69	0.76	0.70	0.56	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	50.36	47.10	40.13	39.31	37.18	36.62	39.58	54.24	42.49	33.53	26.32	23.74	29.56	33.34	30.36	32.58	39.36	53.97	54.05	50.42	47.44	45.18	39.07	36.61
323834	0.72	0.71	0.65	0.64	0.58	0.67	0.69	0.74	0.51	0.26	0.11	0.09	0.13	0.23	0.18	0.26	0.42	0.73	0.64	0.68	0.74	0.69	0.55	0.46
	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	49.15	45.98	39.16	38.34	36.28	35.74	38.63	52.86	41.57	33.06	26.01	23.46	29.20	32.91	30.04	32.16	38.61	52.74	52.70	49.21	46.32	44.10	38.13	35.73
23571	-0.48	-0.41	-0.32	-0.33	-0.32	-0.20	-0.27	-0.64	-0.40	-0.21	-0.20	-0.19	-0.23	-0.20	-0.14	-0.17	-0.33	-0.50	-0.72	-0.52	-0.38	-0.38	-0.39	-0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	49.15 -0.48 0.00	45.98 -0.41 0.00	39.16 -0.32 0.00	38.34 -0.33 0.00	36.28 -0.32 0.00	35.74 -0.20 0.00	38.63 -0.27 0.00	52.86 -0.64 0.00	41.57 -0.40 0.00	33.06 -0.21 0.00	26.01 -0.20 0.00	23.46 -0.19 0.00	29.20 -0.23 0.00	32.91 -0.20 0.00	30.04 -0.14 0.00	32.16 -0.17 0.00	38.61 -0.33 0.00	52.74 -0.50 0.00	52.70 -0.72 0.00	49.21 -0.52 0.00	46.32 -0.38 0.00	44.10 -0.38 0.00	38.13 -0.39 0.00	35.73 -0.42 0.00
ALBANY___3 23573	49.15 -0.48 0.00	45.98 -0.41 0.00	39.16 -0.32 0.00	38.34 -0.33 0.00	36.28 -0.32 0.00	35.74 -0.20 0.00	38.63 -0.27 0.00	52.86 -0.64 0.00	41.57 -0.40 0.00	33.06 -0.21 0.00	26.01 -0.20 0.00	23.46 -0.19 0.00	29.20 -0.23 0.00	32.91 -0.20 0.00	30.04 -0.14 0.00	32.16 -0.17 0.00	38.61 -0.33 0.00	52.74 -0.50 0.00	52.70 -0.72 0.00	49.21 -0.52 0.00	46.32 -0.38 0.00	44.10 -0.38 0.00	38.13 -0.39 0.00	35.73 -0.42 0.00
ALBANY___4 23574	49.15 -0.48 0.00	45.98 -0.41 0.00	39.16 -0.32 0.00	38.34 -0.33 0.00	36.28 -0.32 0.00	35.74 -0.20 0.00	38.63 -0.27 0.00	52.86 -0.64 0.00	41.57 -0.40 0.00	33.06 -0.21 0.00	26.01 -0.20 0.00	23.46 -0.19 0.00	29.20 -0.23 0.00	32.91 -0.20 0.00	30.04 -0.14 0.00	32.16 -0.17 0.00	38.61 -0.33 0.00	52.74 -0.50 0.00	52.70 -0.72 0.00	49.21 -0.52 0.00	46.32 -0.38 0.00	44.10 -0.38 0.00	38.13 -0.39 0.00	35.73 -0.42 0.00
ALBANY___LFGE 323615	49.71 0.08 0.00	46.49 0.10 0.00	39.59 0.11 0.00	38.76 0.10 0.00	36.70 0.10 0.00	36.13 0.19 0.00	39.07 0.18 0.00	53.48 -0.02 0.00	42.03 0.05 0.00	33.41 0.13 0.00	26.27 0.06 0.00	23.70 0.04 0.00	29.48 0.05 0.00	33.24 0.12 0.00	30.34 0.16 0.00	32.52 0.19 0.00	39.10 0.16 0.00	53.42 0.17 0.00	53.37 -0.04 0.00	49.84 0.11 0.00	46.92 0.22 0.00	44.65 0.16 0.00	38.59 0.08 0.00	36.15 0.00 0.00
ALCOA_PA_115KV_PL-6C 55860	51.20 1.57 0.00	47.80 1.42 0.00	40.67 1.19 0.00	39.80 1.13 0.00	37.71 1.12 0.00	36.89 0.95 0.00	39.90 1.00 0.00	55.00 1.50 0.00	43.14 1.16 0.00	34.06 0.79 0.00	26.91 0.70 0.00	24.28 0.63 0.00	30.29 0.86 0.00	34.10 0.98 0.00	31.11 0.93 0.00	33.34 1.01 0.00	40.18 1.24 0.00	55.04 1.79 0.00	55.36 1.95 0.00	51.51 1.78 0.00	48.26 1.56 0.00	45.92 1.43 0.00	39.76 1.25 0.00	37.39 1.24 0.00
ALCOA_RYNLDS___DRP 24188	51.20 1.57 0.00	47.80 1.42 0.00	40.67 1.19 0.00	39.80 1.13 0.00	37.71 1.12 0.00	36.89 0.95 0.00	39.90 1.00 0.00	55.00 1.50 0.00	43.14 1.16 0.00	34.06 0.79 0.00	26.91 0.70 0.00	24.28 0.63 0.00	30.29 0.86 0.00	34.10 0.98 0.00	31.11 0.93 0.00	33.34 1.01 0.00	40.18 1.24 0.00	55.04 1.79 0.00	55.36 1.95 0.00	51.51 1.78 0.00	48.26 1.56 0.00	45.92 1.43 0.00	39.76 1.25 0.00	37.39 1.24 0.00
ALCOA___DSASP 323711	51.20 1.57 0.00	47.80 1.41 0.00	40.67 1.19 0.00	39.80 1.13 0.00	37.72 1.12 0.00	36.89 0.95 0.00	39.90 1.00 0.00	55.00 1.50 0.00	43.13 1.16 0.00	34.06 0.79 0.00	26.91 0.70 0.00	24.28 0.63 0.00	30.29 0.86 0.00	34.09 0.98 0.00	31.11 0.93 0.00	33.34 1.01 0.00	40.19 1.25 0.00	55.04 1.80 0.00	55.36 1.95 0.00	51.51 1.78 0.00	48.26 1.56 0.00	45.92 1.43 0.00	39.76 1.25 0.00	37.39 1.24 0.00
ALLEGHENY___COGEN 23514	51.67 2.04 0.00	47.95 1.57 0.00	40.64 1.16 0.00	39.91 1.23 0.00	37.91 1.31 0.00	37.22 1.28 0.00	40.45 1.55 0.00	55.95 2.45 0.00	43.56 1.58 0.00	33.89 0.63 0.00	26.38 0.17 0.00	23.70 0.05 0.00	29.59 0.16 0.00	33.04 -0.07 0.00	30.04 -0.14 0.00	32.16 -0.17 0.00	38.90 -0.04 0.00	53.56 0.32 0.00	55.60 2.19 0.00	51.70 1.97 0.00	48.08 1.38 0.00	46.08 1.59 0.00	39.89 1.37 0.00	37.46 1.31 0.00
ALTAMONT_115KV_TB 2 55880	49.88 0.25 0.00	46.68 0.29 0.00	39.76 0.28 0.00	38.92 0.25 0.00	36.81 0.21 0.00	36.22 0.28 0.00	39.15 0.26 0.00	53.69 0.18 0.00	42.20 0.22 0.00	33.54 0.27 0.00	26.40 0.19 0.00	23.82 0.17 0.00	29.63 0.20 0.00	33.37 0.26 0.00	30.42 0.24 0.00	32.56 0.23 0.00	39.10 0.16 0.00	53.40 0.15 0.00	53.43 0.01 0.00	49.84 0.11 0.00	46.89 0.20 0.00	44.66 0.17 0.00	38.64 0.13 0.00	36.24 0.09 0.00
ALTONA_WT_PWR 323606	50.93 1.29 0.00	47.50 1.11 0.00	40.49 1.01 0.00	39.64 0.97 0.00	37.59 0.99 0.00	36.79 0.85 0.00	39.61 0.72 0.00	54.46 0.96 0.00	42.88 0.90 0.00	34.02 0.75 0.00	26.85 0.64 0.00	24.24 0.58 0.00	30.19 0.77 0.00	33.92 0.81 0.00	30.93 0.74 0.00	33.11 0.78 0.00	39.69 0.75 0.00	54.12 0.87 0.00	54.31 0.90 0.00	50.56 0.83 0.00	47.34 0.65 0.00	45.01 0.53 0.00	39.08 0.57 0.00	37.05 0.89 0.00
AMERICAN_REF_FUEL 24010	47.64 -1.11 0.88	44.05 -1.49 0.84	37.23 -1.49 0.76	36.31 -1.33 1.03	34.65 -0.94 1.00	34.14 -1.12 0.68	36.66 -1.24 0.99	50.59 -1.82 1.09	38.52 -1.77 1.69	30.81 -1.25 1.22	25.20 -0.63 0.38	22.91 -0.74 0.00	28.63 -0.79 0.00	31.94 -1.06 0.11	29.16 -0.96 0.07	30.77 -1.02 0.54	36.78 -1.44 0.72	50.29 -2.76 0.19	51.18 -2.24 0.00	47.26 -2.47 0.00	43.83 -2.86 0.00	42.43 -2.06 0.00	37.15 -1.36 0.00	35.18 -0.97 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	49.11 0.64 1.17	45.34 0.07 1.11	38.29 -0.18 1.01	37.22 -0.08 1.37	35.25 -0.02 1.33	35.03 -0.01 0.90	37.61 0.03 1.31	52.55 0.49 1.44	39.73 0.00 2.25	31.70 0.04 1.62	25.92 0.21 0.50	23.77 0.11 0.00	29.52 0.10 0.00	32.85 -0.12 0.14	29.93 -0.16 0.09	31.37 -0.24 0.72	37.61 -0.38 0.95	51.72 -1.26 0.26	52.81 -0.60 0.00	48.60 -1.13 0.00	45.01 -1.69 0.00	43.47 -1.02 0.00	37.91 -0.60 0.00	35.77 -0.38 0.00
ARTHUR KILL_GT_1 23520	51.97 2.34 0.00	48.61 2.22 0.00	41.20 1.72 0.00	40.30 1.63 0.00	38.11 1.52 0.00	37.70 1.75 0.00	40.74 1.84 0.00	56.18 2.68 0.00	44.25 2.27 0.00	35.40 2.13 0.00	27.85 1.64 0.00	25.17 1.52 0.00	31.21 1.79 0.00	35.08 1.97 0.00	32.02 1.84 0.00	34.10 1.77 0.00	40.67 1.73 0.00	55.32 2.07 0.00	55.52 2.10 0.00	51.69 1.96 0.00	48.37 1.67 0.00	46.00 1.51 0.00	39.92 1.40 0.00	37.52 1.37 0.00
ARTHUR_KILL_2 23512	51.83 2.20 -0.01	48.48 2.09 -0.01	41.10 1.61 -0.01	40.20 1.52 -0.01	38.01 1.41 -0.01	37.60 1.65 -0.01	40.64 1.74 -0.01	56.03 2.53 -0.01	44.13 2.15 0.00	35.31 2.03 0.00	27.79 1.58 0.00	25.12 1.47 0.00	31.15 1.73 0.00	35.01 1.90 0.00	31.95 1.77 0.00	34.01 1.69 0.00	40.57 1.62 0.00	55.18 1.93 0.00	55.36 1.95 0.00	51.55 1.82 0.00	48.23 1.53 0.00	45.87 1.38 0.00	39.80 1.29 0.00	37.41 1.26 0.00
ARTHUR_KILL_3 23513	51.08 1.45 0.00	47.79 1.40 0.00	40.50 1.02 0.00	39.63 0.96 0.00	37.47 0.87 0.00	37.03 1.09 0.00	40.01 1.11 0.00	55.07 1.58 0.00	43.47 1.49 0.00	34.81 1.55 0.00	27.51 1.30 0.00	24.90 1.24 0.00	30.92 1.49 0.00	34.73 1.62 0.00	31.67 1.48 0.00	33.74 1.42 0.00	40.20 1.26 0.00	54.65 1.41 0.00	54.77 1.35 0.00	50.99 1.26 0.00	47.72 1.02 0.00	45.33 0.84 0.00	39.31 0.79 0.00	36.95 0.80 0.00

ARTHUR_KILL_COGEN 323718	51.98 2.34 -0.01	48.61 2.22 -0.01	41.21 1.72 -0.01	40.30 1.62 -0.01	38.11 1.51 -0.01	37.70 1.75 -0.01	40.74 1.84 -0.01	56.18 2.67 -0.01	44.23 2.25 0.00	35.40 2.13 0.00	27.85 1.64 0.00	25.17 1.52 0.00	31.21 1.79 0.00	35.08 1.97 0.00	32.02 1.84 0.00	34.10 1.77 0.00	40.67 1.73 0.00	55.30 2.06 0.00	55.52 2.11 0.00	51.70 1.97 0.00	48.37 1.67 0.00	46.01 1.52 0.00	39.92 1.40 0.00	37.52 1.37 0.00
ASHOKAN____ 23654	50.88 1.25 0.00	47.53 1.14 0.00	40.41 0.93 0.00	39.53 0.86 0.00	37.39 0.79 0.00	36.86 0.92 0.00	39.88 0.99 0.00	54.85 1.35 0.00	43.25 1.27 0.00	34.24 0.97 0.00	26.80 0.59 0.00	24.13 0.48 0.00	29.95 0.52 0.00	34.04 0.93 0.00	30.82 0.64 0.00	33.21 0.88 0.00	39.94 1.00 0.00	54.75 1.50 0.00	55.05 1.64 0.00	51.36 1.63 0.00	48.17 1.48 0.00	45.76 1.27 0.00	39.52 1.01 0.00	37.01 0.85 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.89 0.77 3.55	36.45 0.72 0.87	36.97 1.03 0.01	39.91 1.03 0.01	55.01 1.51 0.00	43.48 1.50 0.00	34.88 1.61 0.00	27.54 1.32 0.00	24.89 1.24 0.00	30.91 1.49 0.00	34.74 1.63 0.00	31.68 1.49 0.00	33.72 1.39 0.00	40.18 1.24 0.00	54.53 1.29 0.00	54.74 1.33 0.01	50.94 1.22 0.01	47.65 0.97 0.01	45.26 0.78 0.01	39.27 0.76 0.01	36.93 0.78 0.00
ASTORIA_EAST_ENERGY_CC2 323582	42.03 1.14 8.74	36.01 1.12 11.50	36.01 0.82 4.29	35.88 0.76 3.55	36.43 0.70 0.87	36.96 1.02 0.01	39.89 1.01 0.01	54.97 1.48 0.00	43.45 1.47 0.00	34.87 1.60 0.00	27.53 1.32 0.00	24.89 1.23 0.00	30.91 1.49 0.00	34.73 1.62 0.00	31.67 1.48 0.00	33.70 1.37 0.00	40.16 1.22 0.00	54.50 1.26 0.00	54.71 1.30 0.01	50.92 1.20 0.01	47.63 0.94 0.01	45.24 0.76 0.01	39.26 0.75 0.01	36.92 0.77 0.00
ASTORIA_GT2_1 24094	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.90 0.78 3.55	36.46 0.73 0.87	36.97 1.03 0.01	39.91 1.03 0.01	55.00 1.50 0.00	43.49 1.51 0.00	34.89 1.61 0.00	27.54 1.33 0.00	24.89 1.24 0.00	30.91 1.49 0.00	34.74 1.63 0.00	31.68 1.50 0.00	33.72 1.40 0.00	40.19 1.24 0.00	54.54 1.30 0.00	54.73 1.33 0.01	50.93 1.21 0.01	47.65 0.97 0.01	45.26 0.78 0.01	39.27 0.76 0.01	36.93 0.78 0.00
ASTORIA_GT2_2 24095	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.90 0.78 3.55	36.46 0.73 0.87	36.97 1.03 0.01	39.91 1.03 0.01	55.00 1.50 0.00	43.49 1.51 0.00	34.89 1.61 0.00	27.54 1.33 0.00	24.89 1.24 0.00	30.91 1.49 0.00	34.74 1.63 0.00	31.68 1.50 0.00	33.72 1.40 0.00	40.19 1.24 0.00	54.54 1.30 0.00	54.73 1.33 0.01	50.93 1.21 0.01	47.65 0.97 0.01	45.26 0.78 0.01	39.27 0.76 0.01	36.93 0.78 0.00
ASTORIA_GT2_3 24096	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.90 0.78 3.55	36.46 0.73 0.87	36.97 1.03 0.01	39.91 1.03 0.01	55.00 1.50 0.00	43.49 1.51 0.00	34.89 1.61 0.00	27.54 1.33 0.00	24.89 1.24 0.00	30.91 1.49 0.00	34.74 1.63 0.00	31.68 1.50 0.00	33.72 1.40 0.00	40.19 1.24 0.00	54.54 1.30 0.00	54.73 1.33 0.01	50.93 1.21 0.01	47.65 0.97 0.01	45.26 0.78 0.01	39.27 0.76 0.01	36.93 0.78 0.00
ASTORIA_GT2_4 24097	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.90 0.78 3.55	36.46 0.73 0.87	36.97 1.03 0.01	39.91 1.03 0.01	55.00 1.50 0.00	43.49 1.51 0.00	34.89 1.61 0.00	27.54 1.33 0.00	24.89 1.24 0.00	30.91 1.49 0.00	34.74 1.63 0.00	31.68 1.50 0.00	33.72 1.40 0.00	40.19 1.24 0.00	54.54 1.30 0.00	54.73 1.33 0.01	50.93 1.21 0.01	47.65 0.97 0.01	45.26 0.78 0.01	39.27 0.76 0.01	36.93 0.78 0.00
ASTORIA_GT3_1 24098	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.90 0.78 3.55	36.46 0.73 0.87	36.97 1.03 0.01	39.91 1.03 0.01	55.00 1.50 0.00	43.49 1.51 0.00	34.89 1.61 0.00	27.54 1.33 0.00	24.89 1.24 0.00	30.91 1.49 0.00	34.74 1.63 0.00	31.68 1.50 0.00	33.72 1.40 0.00	40.19 1.24 0.00	54.54 1.30 0.00	54.73 1.33 0.01	50.93 1.21 0.01	47.65 0.97 0.01	45.26 0.78 0.01	39.27 0.76 0.01	36.93 0.78 0.00
ASTORIA_GT3_2 24099	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.90 0.78 3.55	36.46 0.73 0.87	36.97 1.03 0.01	39.91 1.03 0.01	55.00 1.50 0.00	43.49 1.51 0.00	34.89 1.61 0.00	27.54 1.33 0.00	24.89 1.24 0.00	30.91 1.49 0.00	34.74 1.63 0.00	31.68 1.50 0.00	33.72 1.40 0.00	40.19 1.24 0.00	54.54 1.30 0.00	54.73 1.33 0.01	50.93 1.21 0.01	47.65 0.97 0.01	45.26 0.78 0.01	39.27 0.76 0.01	36.93 0.78 0.00
ASTORIA_GT3_3 24100	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.90 0.78 3.55	36.46 0.73 0.87	36.97 1.03 0.01	39.91 1.03 0.01	55.00 1.50 0.00	43.49 1.51 0.00	34.89 1.61 0.00	27.54 1.33 0.00	24.89 1.24 0.00	30.91 1.49 0.00	34.74 1.63 0.00	31.68 1.50 0.00	33.72 1.40 0.00	40.19 1.24 0.00	54.54 1.30 0.00	54.73 1.33 0.01	50.93 1.21 0.01	47.65 0.97 0.01	45.26 0.78 0.01	39.27 0.76 0.01	36.93 0.78 0.00
ASTORIA_GT3_4 24101	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.90 0.78 3.55	36.46 0.73 0.87	36.97 1.03 0.01	39.91 1.03 0.01	55.00 1.50 0.00	43.49 1.51 0.00	34.89 1.61 0.00	27.54 1.33 0.00	24.89 1.24 0.00	30.91 1.49 0.00	34.74 1.63 0.00	31.68 1.50 0.00	33.72 1.40 0.00	40.19 1.24 0.00	54.54 1.30 0.00	54.73 1.33 0.01	50.93 1.21 0.01	47.65 0.97 0.01	45.26 0.78 0.01	39.27 0.76 0.01	36.93 0.78 0.00
ASTORIA_GT4_1 24102	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.90 0.78 3.55	36.46 0.73 0.87	36.97 1.03 0.01	39.91 1.03 0.01	55.00 1.50 0.00	43.49 1.51 0.00	34.89 1.61 0.00	27.54 1.33 0.00	24.89 1.24 0.00	30.91 1.49 0.00	34.74 1.63 0.00	31.68 1.50 0.00	33.72 1.40 0.00	40.19 1.24 0.00	54.54 1.30 0.00	54.73 1.33 0.01	50.93 1.21 0.01	47.65 0.97 0.01	45.26 0.78 0.01	39.27 0.76 0.01	36.93 0.78 0.00
ASTORIA_GT4_2 24103	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.90 0.78 3.55	36.46 0.73 0.87	36.97 1.03 0.01	39.91 1.03 0.01	55.00 1.50 0.00	43.49 1.51 0.00	34.89 1.61 0.00	27.54 1.33 0.00	24.89 1.24 0.00	30.91 1.49 0.00	34.74 1.63 0.00	31.68 1.50 0.00	33.72 1.40 0.00	40.19 1.24 0.00	54.54 1.30 0.00	54.73 1.33 0.01	50.93 1.21 0.01	47.65 0.97 0.01	45.26 0.78 0.01	39.27 0.76 0.01	36.93 0.78 0.00
ASTORIA_GT4_3 24104	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.90 0.78 3.55	36.46 0.73 0.87	36.97 1.03 0.01	39.91 1.03 0.01	55.00 1.50 0.00	43.49 1.51 0.00	34.89 1.61 0.00	27.54 1.33 0.00	24.89 1.24 0.00	30.91 1.49 0.00	34.74 1.63 0.00	31.68 1.50 0.00	33.72 1.40 0.00	40.19 1.24 0.00	54.54 1.30 0.00	54.73 1.33 0.01	50.93 1.21 0.01	47.65 0.97 0.01	45.26 0.78 0.01	39.27 0.76 0.01	36.93 0.78 0.00

ASTORIA_GT4_4 24105	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.90 0.78 3.55	36.46 0.73 0.87	36.97 1.03 0.01	39.91 1.03 0.01	55.00 1.50 0.00	43.49 1.51 0.00	34.89 1.61 0.00	27.54 1.33 0.00	24.89 1.24 0.00	30.91 1.49 0.00	34.74 1.63 0.00	31.68 1.50 0.00	33.72 1.40 0.00	40.19 1.24 0.00	54.54 1.30 0.00	54.73 1.33 0.01	50.93 1.21 0.01	47.65 0.97 0.01	45.26 0.78 0.01	39.27 0.76 0.01	36.93 0.78 0.00
ASTORIA_GT_1 23523	42.14 1.25 8.74	36.10 1.22 11.50	36.09 0.90 4.29	35.96 0.84 3.55	36.51 0.78 0.87	37.03 1.09 0.01	39.97 1.08 0.01	55.09 1.60 0.00	43.56 1.58 0.00	34.94 1.67 0.00	27.58 1.37 0.00	24.93 1.28 0.00	30.97 1.55 0.00	34.80 1.69 0.00	31.73 1.55 0.00	33.78 1.45 0.00	40.25 1.31 0.00	54.64 1.40 0.00	54.83 1.43 0.01	51.03 1.31 0.01	47.73 1.04 0.01	45.34 0.86 0.01	39.34 0.83 0.01	36.99 0.84 0.00
ASTORIA_GT_10 24110	51.21 1.58 0.00	47.92 1.53 0.00	40.63 1.15 0.00	39.75 1.08 0.00	37.60 1.00 0.00	37.19 1.25 0.00	40.18 1.28 0.00	55.30 1.80 0.00	43.64 1.66 0.00	34.99 1.72 0.00	27.64 1.43 0.00	25.01 1.36 0.00	31.06 1.63 0.00	34.88 1.77 0.00	31.82 1.63 0.00	33.86 1.54 0.00	40.30 1.36 0.00	54.81 1.57 0.00	54.97 1.56 0.00	51.16 1.43 0.00	47.79 1.10 0.00	45.40 0.91 0.00	39.38 0.86 0.00	37.06 0.90 0.00
ASTORIA_GT_11 24225	51.21 1.58 0.00	47.92 1.53 0.00	40.63 1.15 0.00	39.75 1.08 0.00	37.60 1.00 0.00	37.19 1.25 0.00	40.18 1.28 0.00	55.30 1.80 0.00	43.64 1.66 0.00	34.99 1.72 0.00	27.64 1.43 0.00	25.01 1.36 0.00	31.06 1.63 0.00	34.88 1.77 0.00	31.82 1.63 0.00	33.86 1.54 0.00	40.30 1.36 0.00	54.81 1.57 0.00	54.97 1.56 0.00	51.16 1.43 0.00	47.79 1.10 0.00	45.40 0.91 0.00	39.38 0.86 0.00	37.06 0.90 0.00
ASTORIA_GT_12 24226	51.21 1.58 0.00	47.92 1.53 0.00	40.63 1.15 0.00	39.75 1.08 0.00	37.60 1.00 0.00	37.19 1.25 0.00	40.18 1.28 0.00	55.30 1.80 0.00	43.64 1.66 0.00	34.99 1.72 0.00	27.64 1.43 0.00	25.01 1.36 0.00	31.06 1.63 0.00	34.88 1.77 0.00	31.82 1.63 0.00	33.86 1.54 0.00	40.30 1.36 0.00	54.81 1.57 0.00	54.97 1.56 0.00	51.16 1.43 0.00	47.79 1.10 0.00	45.40 0.91 0.00	39.38 0.86 0.00	37.06 0.90 0.00
ASTORIA_GT_13 24227	51.21 1.58 0.00	47.92 1.53 0.00	40.63 1.15 0.00	39.75 1.08 0.00	37.60 1.00 0.00	37.19 1.25 0.00	40.18 1.28 0.00	55.30 1.80 0.00	43.64 1.66 0.00	34.99 1.72 0.00	27.64 1.43 0.00	25.01 1.36 0.00	31.06 1.63 0.00	34.88 1.77 0.00	31.82 1.63 0.00	33.86 1.54 0.00	40.30 1.36 0.00	54.81 1.57 0.00	54.97 1.56 0.00	51.16 1.43 0.00	47.79 1.10 0.00	45.40 0.91 0.00	39.38 0.86 0.00	37.06 0.90 0.00
ASTORIA_GT_5 24106	42.14 1.25 8.74	36.10 1.22 11.50	36.09 0.90 4.29	35.96 0.84 3.55	36.51 0.78 0.87	37.03 1.09 0.01	39.97 1.08 0.01	55.09 1.60 0.00	43.56 1.58 0.00	34.94 1.67 0.00	27.58 1.37 0.00	24.93 1.28 0.00	30.97 1.55 0.00	34.80 1.69 0.00	31.73 1.55 0.00	33.78 1.45 0.00	40.25 1.31 0.00	54.64 1.40 0.00	54.83 1.43 0.01	51.03 1.31 0.01	47.73 1.04 0.01	45.34 0.86 0.01	39.34 0.83 0.01	36.99 0.84 0.00
ASTORIA_GT_7 24107	42.14 1.25 8.74	36.10 1.22 11.50	36.09 0.90 4.29	35.96 0.84 3.55	36.51 0.78 0.87	37.03 1.09 0.01	39.97 1.08 0.01	55.09 1.60 0.00	43.56 1.58 0.00	34.94 1.67 0.00	27.58 1.37 0.00	24.93 1.28 0.00	30.97 1.55 0.00	34.80 1.69 0.00	31.73 1.55 0.00	33.78 1.45 0.00	40.25 1.31 0.00	54.64 1.40 0.00	54.83 1.43 0.01	51.03 1.31 0.01	47.73 1.04 0.01	45.34 0.86 0.01	39.34 0.83 0.01	36.99 0.84 0.00
ASTORIA_GT_8 24108	42.14 1.25 8.74	36.10 1.22 11.50	36.09 0.90 4.29	35.96 0.84 3.55	36.51 0.78 0.87	37.03 1.09 0.01	39.97 1.08 0.01	55.09 1.60 0.00	43.56 1.58 0.00	34.94 1.67 0.00	27.58 1.37 0.00	24.93 1.28 0.00	30.97 1.55 0.00	34.80 1.69 0.00	31.73 1.55 0.00	33.78 1.45 0.00	40.25 1.31 0.00	54.64 1.40 0.00	54.83 1.43 0.01	51.03 1.31 0.01	47.73 1.04 0.01	45.34 0.86 0.01	39.34 0.83 0.01	36.99 0.84 0.00
ASTORIA___2 24149	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.89 0.77 3.55	36.45 0.72 0.87	36.97 1.03 0.01	39.91 1.03 0.01	55.01 1.51 0.00	43.48 1.50 0.00	34.88 1.61 0.00	27.54 1.32 0.00	24.89 1.24 0.00	30.91 1.49 0.00	34.74 1.63 0.00	31.68 1.49 0.00	33.72 1.39 0.00	40.18 1.24 0.00	54.53 1.29 0.00	54.74 1.33 0.01	50.94 1.22 0.01	47.65 0.97 0.01	45.26 0.78 0.01	39.27 0.76 0.01	36.93 0.78 0.00
ASTORIA___3 23516	51.21 1.58 0.00	47.91 1.53 0.00	40.63 1.15 0.00	39.74 1.07 0.00	37.59 1.00 0.00	37.19 1.25 0.00	40.18 1.28 0.00	55.30 1.80 0.00	43.62 1.65 0.00	34.98 1.71 0.00	27.64 1.43 0.00	25.01 1.36 0.00	31.06 1.63 0.00	34.88 1.76 0.00	31.81 1.63 0.00	33.86 1.54 0.00	40.30 1.36 0.00	54.80 1.56 0.00	54.98 1.56 0.00	51.16 1.43 0.00	47.79 1.10 0.00	45.40 0.91 0.00	39.38 0.87 0.00	37.06 0.90 0.00
ASTORIA___4 23517	51.21 1.58 0.00	47.92 1.53 0.00	40.63 1.15 0.00	39.75 1.08 0.00	37.60 1.00 0.00	37.19 1.25 0.00	40.18 1.28 0.00	55.30 1.80 0.00	43.64 1.66 0.00	34.99 1.72 0.00	27.64 1.43 0.00	25.01 1.36 0.00	31.06 1.63 0.00	34.88 1.77 0.00	31.82 1.63 0.00	33.86 1.54 0.00	40.30 1.36 0.00	54.81 1.57 0.00	54.97 1.56 0.00	51.16 1.43 0.00	47.79 1.10 0.00	45.40 0.91 0.00	39.38 0.86 0.00	37.06 0.90 0.00
ASTORIA___5 23518	51.21 1.58 0.00	47.91 1.53 0.00	40.63 1.15 0.00	39.74 1.07 0.00	37.59 1.00 0.00	37.19 1.25 0.00	40.18 1.28 0.00	55.30 1.80 0.00	43.62 1.65 0.00	34.98 1.71 0.00	27.64 1.43 0.00	25.01 1.36 0.00	31.06 1.63 0.00	34.88 1.76 0.00	31.81 1.63 0.00	33.86 1.54 0.00	40.29 1.35 0.00	54.80 1.56 0.00	54.97 1.56 0.00	51.16 1.43 0.00	47.79 1.10 0.00	45.40 0.91 0.00	39.38 0.87 0.00	37.06 0.90 0.00
AST_ENERGY_2_CC3 323677	41.51 0.63 8.74	35.55 0.66 11.50	35.61 0.42 4.29	35.49 0.37 3.55	36.06 0.33 0.87	36.60 0.66 0.01	39.50 0.61 0.01	54.44 0.94 0.00	43.02 1.05 0.00	34.56 1.29 0.00	27.36 1.15 0.00	24.73 1.08 0.00	30.71 1.29 0.00	34.50 1.39 0.00	31.47 1.29 0.00	33.48 1.15 0.00	39.81 0.87 0.00	53.97 0.73 0.00	54.18 0.77 0.01	50.42 0.70 0.01	47.17 0.48 0.01	44.80 0.32 0.01	38.87 0.36 0.01	36.60 0.45 0.00
AST_ENERGY_2_CC4 323678	41.51 0.63 8.74	35.55 0.66 11.50	35.61 0.42 4.29	35.49 0.37 3.55	36.06 0.33 0.87	36.60 0.66 0.01	39.50 0.61 0.01	54.44 0.94 0.00	43.02 1.05 0.00	34.56 1.29 0.00	27.36 1.15 0.00	24.73 1.08 0.00	30.71 1.29 0.00	34.50 1.39 0.00	31.47 1.29 0.00	33.48 1.15 0.00	39.81 0.87 0.00	53.97 0.73 0.00	54.18 0.77 0.01	50.42 0.70 0.01	47.17 0.48 0.01	44.80 0.32 0.01	38.87 0.36 0.01	36.60 0.45 0.00

ATHENS_STG_1 23668	50.41 0.78 0.00	47.21 0.82 0.00	40.17 0.69 0.00	39.33 0.66 0.00	37.14 0.55 0.00	36.58 0.64 0.00	39.52 0.62 0.00	54.27 0.77 0.00	42.69 0.72 0.00	34.03 0.76 0.00	26.80 0.59 0.00	24.21 0.56 0.00	30.09 0.67 0.00	33.87 0.75 0.00	30.86 0.68 0.00	33.00 0.67 0.00	39.55 0.61 0.00	53.87 0.63 0.00	53.91 0.49 0.00	50.25 0.52 0.00	47.22 0.52 0.00	44.95 0.46 0.00	38.94 0.43 0.00	36.55 0.40 0.00
ATHENS_STG_2 23670	50.41 0.78 0.00	47.21 0.82 0.00	40.17 0.69 0.00	39.33 0.66 0.00	37.14 0.55 0.00	36.58 0.64 0.00	39.52 0.62 0.00	54.27 0.77 0.00	42.69 0.72 0.00	34.03 0.76 0.00	26.80 0.59 0.00	24.21 0.56 0.00	30.09 0.67 0.00	33.87 0.75 0.00	30.86 0.68 0.00	33.00 0.67 0.00	39.55 0.61 0.00	53.87 0.63 0.00	53.91 0.49 0.00	50.25 0.52 0.00	47.22 0.52 0.00	44.95 0.46 0.00	38.94 0.43 0.00	36.55 0.40 0.00
ATHENS_STG_3 23677	50.41 0.78 0.00	47.21 0.82 0.00	40.17 0.69 0.00	39.33 0.66 0.00	37.14 0.55 0.00	36.58 0.64 0.00	39.52 0.62 0.00	54.27 0.77 0.00	42.69 0.72 0.00	34.03 0.76 0.00	26.80 0.59 0.00	24.21 0.56 0.00	30.09 0.67 0.00	33.87 0.75 0.00	30.86 0.68 0.00	33.00 0.67 0.00	39.55 0.61 0.00	53.87 0.63 0.00	53.91 0.49 0.00	50.25 0.52 0.00	47.22 0.52 0.00	44.95 0.46 0.00	38.94 0.43 0.00	36.55 0.40 0.00
AUBURN___LFGE 323710	49.44 -0.19 0.00	46.17 -0.22 0.00	39.42 -0.06 0.00	38.68 0.01 0.00	36.61 0.02 0.00	36.00 0.06 0.00	38.95 0.05 0.00	53.73 0.23 0.00	42.04 0.06 0.00	33.19 -0.08 0.00	26.03 -0.18 0.00	23.49 -0.16 0.00	29.19 -0.23 0.00	32.65 -0.46 0.00	29.83 -0.36 0.00	31.88 -0.45 0.00	38.67 -0.27 0.00	53.19 -0.06 0.00	53.60 0.19 0.00	49.61 -0.12 0.00	46.65 -0.05 0.00	44.52 0.03 0.00	38.52 0.00 0.00	36.16 0.01 0.00
BABYLON_RES_REC 323704	50.75 1.12 0.00	47.79 1.40 0.00	40.56 1.09 0.00	39.76 1.08 0.00	37.47 0.87 0.00	36.65 0.71 0.00	39.59 0.69 0.00	54.29 0.82 0.03	43.10 1.12 0.00	34.52 1.25 0.00	27.41 1.20 0.00	24.62 0.96 0.00	30.75 1.32 0.00	34.53 1.41 0.00	31.45 1.27 0.00	33.14 0.81 0.00	39.50 0.55 0.00	53.87 0.63 0.00	51.82 0.15 1.75	47.28 0.13 2.58	46.93 0.23 0.00	38.73 -0.13 5.63	38.56 0.22 0.17	36.91 0.75 0.00
BALL_HILL_WT_PWR 323825	48.54 0.01 1.10	44.86 -0.47 1.06	37.90 -0.62 0.96	36.90 -0.47 1.30	35.06 -0.27 1.26	34.73 -0.36 0.85	37.29 -0.37 1.24	51.90 -0.23 1.36	39.30 -0.55 2.13	31.37 -0.37 1.53	25.65 -0.09 0.47	23.46 -0.19 0.00	29.20 -0.23 0.00	32.53 -0.45 0.14	29.68 -0.42 0.09	31.16 -0.49 0.68	37.35 -0.69 0.90	51.35 -1.65 0.25	52.33 -1.08 0.00	48.27 -1.46 0.00	44.79 -1.91 0.00	43.25 -1.24 0.00	37.73 -0.79 0.00	35.64 -0.51 0.00
BARON_WINDS___WT_PWR 323822	50.19 0.06 -0.49	46.61 -0.24 -0.47	39.56 -0.34 -0.43	39.04 -0.21 -0.58	37.04 -0.11 -0.56	36.19 -0.13 -0.38	39.31 -0.13 -0.55	54.14 0.03 -0.61	42.56 -0.37 -0.95	33.43 -0.53 -0.68	26.06 -0.36 -0.21	23.30 -0.35 0.00	28.94 -0.49 0.00	32.40 -0.77 -0.06	29.49 -0.73 -0.04	31.77 -0.86 -0.30	38.44 -0.91 -0.40	52.16 -1.19 -0.11	52.81 -0.60 0.00	48.81 -0.92 0.00	45.46 -1.24 0.00	43.65 -0.84 0.00	37.89 -0.62 0.00	35.70 -0.45 0.00
BARRETT_IC_1 23704	50.73 1.10 0.00	47.65 1.26 0.00	40.42 0.94 0.00	39.58 0.91 0.00	37.33 0.74 0.00	36.64 0.70 0.00	39.52 0.63 0.00	54.19 0.69 0.00	42.97 0.99 0.00	34.41 1.14 0.00	27.37 1.16 0.00	24.66 1.00 0.00	30.74 1.32 0.00	34.54 1.42 0.00	31.53 1.35 0.00	33.40 1.08 0.00	39.76 0.82 0.00	54.16 0.92 0.00	54.11 0.55 -0.14	50.44 0.50 -0.21	47.21 0.51 0.00	45.12 0.18 -0.46	38.95 0.42 -0.01	36.82 0.66 0.00
BARRETT_IC_10 23701	50.73 1.10 0.00	47.65 1.26 0.00	40.42 0.94 0.00	39.58 0.91 0.00	37.33 0.74 0.00	36.64 0.70 0.00	39.52 0.63 0.00	54.19 0.69 0.00	42.97 0.99 0.00	34.41 1.14 0.00	27.37 1.16 0.00	24.66 1.00 0.00	30.74 1.32 0.00	34.54 1.42 0.00	31.53 1.35 0.00	33.40 1.08 0.00	39.76 0.82 0.00	54.16 0.92 0.00	54.11 0.55 -0.14	50.44 0.50 -0.21	47.21 0.51 0.00	45.12 0.18 -0.46	38.95 0.42 -0.01	36.82 0.66 0.00
BARRETT_IC_11 23702	50.73 1.10 0.00	47.65 1.26 0.00	40.42 0.94 0.00	39.58 0.91 0.00	37.33 0.74 0.00	36.64 0.70 0.00	39.52 0.63 0.00	54.19 0.69 0.00	42.97 0.99 0.00	34.41 1.14 0.00	27.37 1.16 0.00	24.66 1.00 0.00	30.74 1.32 0.00	34.54 1.42 0.00	31.53 1.35 0.00	33.40 1.08 0.00	39.76 0.82 0.00	54.16 0.92 0.00	54.11 0.55 -0.14	50.44 0.50 -0.21	47.21 0.51 0.00	45.12 0.18 -0.46	38.95 0.42 -0.01	36.82 0.66 0.00
BARRETT_IC_12 23703	50.73 1.10 0.00	47.65 1.26 0.00	40.42 0.94 0.00	39.58 0.91 0.00	37.33 0.74 0.00	36.64 0.70 0.00	39.52 0.63 0.00	54.19 0.69 0.00	42.97 0.99 0.00	34.41 1.14 0.00	27.37 1.16 0.00	24.66 1.00 0.00	30.74 1.32 0.00	34.54 1.42 0.00	31.53 1.35 0.00	33.40 1.08 0.00	39.76 0.82 0.00	54.16 0.92 0.00	54.11 0.55 -0.14	50.44 0.50 -0.21	47.21 0.51 0.00	45.12 0.18 -0.46	38.95 0.42 -0.01	36.82 0.66 0.00
BARRETT_IC_2 23705	50.73 1.10 0.00	47.65 1.26 0.00	40.42 0.94 0.00	39.58 0.91 0.00	37.33 0.74 0.00	36.64 0.70 0.00	39.52 0.63 0.00	54.19 0.69 0.00	42.97 0.99 0.00	34.41 1.14 0.00	27.37 1.16 0.00	24.66 1.00 0.00	30.74 1.32 0.00	34.54 1.42 0.00	31.53 1.35 0.00	33.40 1.08 0.00	39.76 0.82 0.00	54.16 0.92 0.00	54.11 0.55 -0.14	50.44 0.50 -0.21	47.21 0.51 0.00	45.12 0.18 -0.46	38.95 0.42 -0.01	36.82 0.66 0.00
BARRETT_IC_3 23706	50.73 1.10 0.00	47.65 1.26 0.00	40.42 0.94 0.00	39.58 0.91 0.00	37.33 0.74 0.00	36.64 0.70 0.00	39.52 0.63 0.00	54.19 0.69 0.00	42.97 0.99 0.00	34.41 1.14 0.00	27.37 1.16 0.00	24.66 1.00 0.00	30.74 1.32 0.00	34.54 1.42 0.00	31.53 1.35 0.00	33.40 1.08 0.00	39.76 0.82 0.00	54.16 0.92 0.00	54.11 0.55 -0.14	50.44 0.50 -0.21	47.21 0.51 0.00	45.12 0.18 -0.46	38.95 0.42 -0.01	36.82 0.66 0.00
BARRETT_IC_4 23707	50.73 1.10 0.00	47.65 1.26 0.00	40.42 0.94 0.00	39.58 0.91 0.00	37.33 0.74 0.00	36.64 0.70 0.00	39.52 0.63 0.00	54.19 0.69 0.00	42.97 0.99 0.00	34.41 1.14 0.00	27.37 1.16 0.00	24.66 1.00 0.00	30.74 1.32 0.00	34.54 1.42 0.00	31.53 1.35 0.00	33.40 1.08 0.00	39.76 0.82 0.00	54.16 0.92 0.00	54.11 0.55 -0.14	50.44 0.50 -0.21	47.21 0.51 0.00	45.12 0.18 -0.46	38.95 0.42 -0.01	36.82 0.66 0.00
BARRETT_IC_5 23708	50.73 1.10 0.00	47.65 1.26 0.00	40.42 0.94 0.00	39.58 0.91 0.00	37.33 0.74 0.00	36.64 0.70 0.00	39.52 0.63 0.00	54.19 0.69 0.00	42.97 0.99 0.00	34.41 1.14 0.00	27.37 1.16 0.00	24.66 1.00 0.00	30.74 1.32 0.00	34.54 1.42 0.00	31.53 1.35 0.00	33.40 1.08 0.00	39.76 0.82 0.00	54.16 0.92 0.00	54.11 0.55 -0.14	50.44 0.50 -0.21	47.21 0.51 0.00	45.12 0.18 -0.46	38.95 0.42 -0.01	36.82 0.66 0.00

BARRETT_IC_6 23709	50.73 1.10 0.00	47.65 1.26 0.00	40.42 0.94 0.00	39.58 0.91 0.00	37.33 0.74 0.00	36.64 0.70 0.00	39.52 0.63 0.00	54.19 0.69 0.00	42.97 0.99 0.00	34.41 1.14 0.00	27.37 1.16 0.00	24.66 1.00 0.00	30.74 1.32 0.00	34.54 1.42 0.00	31.53 1.35 0.00	33.40 1.08 0.00	39.76 0.82 0.00	54.16 0.92 0.00	54.11 0.55 -0.14	50.44 0.50 -0.21	47.21 0.51 0.00	45.12 0.18 -0.46	38.95 0.42 -0.01	36.82 0.66 0.00
BARRETT_IC_7 23710	50.73 1.10 0.00	47.65 1.26 0.00	40.42 0.94 0.00	39.59 0.92 0.00	37.35 0.75 0.00	36.64 0.70 0.00	39.52 0.63 0.00	54.20 0.70 0.00	42.98 1.00 0.00	34.42 1.15 0.00	27.37 1.16 0.00	24.66 1.00 0.00	30.75 1.32 0.00	34.54 1.42 0.00	31.53 1.35 0.00	33.40 1.08 0.00	39.76 0.82 0.00	54.16 0.92 0.00	54.10 0.55 -0.14	50.43 0.49 -0.21	47.21 0.51 0.00	45.12 0.17 -0.46	38.95 0.42 -0.01	36.82 0.66 0.00
BARRETT_IC_8 23711	50.73 1.10 0.00	47.65 1.26 0.00	40.42 0.94 0.00	39.58 0.91 0.00	37.33 0.74 0.00	36.64 0.70 0.00	39.52 0.63 0.00	54.19 0.69 0.00	42.97 0.99 0.00	34.41 1.14 0.00	27.37 1.16 0.00	24.66 1.00 0.00	30.74 1.32 0.00	34.54 1.42 0.00	31.53 1.35 0.00	33.40 1.08 0.00	39.76 0.82 0.00	54.16 0.92 0.00	54.11 0.55 -0.14	50.44 0.50 -0.21	47.21 0.51 0.00	45.12 0.18 -0.46	38.95 0.42 -0.01	36.82 0.66 0.00
BARRETT_IC_9 23700	50.73 1.10 0.00	47.65 1.26 0.00	40.42 0.94 0.00	39.58 0.91 0.00	37.33 0.74 0.00	36.64 0.70 0.00	39.52 0.63 0.00	54.19 0.69 0.00	42.97 0.99 0.00	34.41 1.14 0.00	27.37 1.16 0.00	24.66 1.00 0.00	30.74 1.32 0.00	34.54 1.42 0.00	31.53 1.35 0.00	33.40 1.08 0.00	39.76 0.82 0.00	54.16 0.92 0.00	54.11 0.55 -0.14	50.44 0.50 -0.21	47.21 0.51 0.00	45.12 0.18 -0.46	38.95 0.42 -0.01	36.82 0.66 0.00
BARRETT___1 23545	50.73 1.10 0.00	47.65 1.26 0.00	40.42 0.94 0.00	39.58 0.91 0.00	37.33 0.74 0.00	36.64 0.70 0.00	39.52 0.63 0.00	54.19 0.69 0.00	42.97 0.99 0.00	34.41 1.14 0.00	27.37 1.16 0.00	24.66 1.00 0.00	30.74 1.32 0.00	34.54 1.42 0.00	31.53 1.35 0.00	33.40 1.08 0.00	39.76 0.82 0.00	54.16 0.92 0.00	54.11 0.55 -0.14	50.44 0.50 -0.21	47.21 0.51 0.00	45.12 0.18 -0.46	38.95 0.42 -0.01	36.82 0.66 0.00
BARRETT___2 23546	50.73 1.10 0.00	47.65 1.26 0.00	40.42 0.94 0.00	39.58 0.91 0.00	37.33 0.74 0.00	36.64 0.70 0.00	39.52 0.63 0.00	54.19 0.69 0.00	42.97 0.99 0.00	34.41 1.14 0.00	27.37 1.16 0.00	24.66 1.00 0.00	30.74 1.32 0.00	34.54 1.42 0.00	31.53 1.35 0.00	33.40 1.08 0.00	39.76 0.82 0.00	54.16 0.92 0.00	54.11 0.55 -0.14	50.44 0.50 -0.21	47.21 0.51 0.00	45.12 0.18 -0.46	38.95 0.42 -0.01	36.82 0.66 0.00
BATAVIA___115KV_TB1 55881	50.16 0.52 0.00	46.46 0.07 0.00	39.34 -0.14 0.00	38.65 -0.02 0.00	36.82 0.23 0.00	36.06 0.12 0.00	39.08 0.19 0.00	53.88 0.38 0.00	41.92 -0.06 0.00	33.13 -0.14 0.00	26.18 -0.04 0.00	23.45 -0.21 0.00	29.22 -0.20 0.00	32.73 -0.38 0.00	29.81 -0.37 0.00	31.94 -0.39 0.00	38.55 -0.39 0.00	52.64 -0.61 0.00	53.58 0.17 0.00	49.59 -0.15 0.00	46.09 -0.61 0.00	44.38 -0.11 0.00	38.66 0.14 0.00	36.45 0.30 0.00
BAYONEEC___CTG1 323682	51.30 1.67 0.00	47.99 1.61 0.00	40.70 1.21 0.00	39.82 1.15 0.00	37.63 1.03 0.00	37.18 1.24 0.00	40.17 1.28 0.00	55.29 1.79 0.00	43.63 1.65 0.00	34.94 1.67 0.00	27.59 1.38 0.00	24.96 1.31 0.00	31.00 1.58 0.00	34.83 1.72 0.00	31.76 1.58 0.00	33.84 1.52 0.00	40.33 1.38 0.00	54.83 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.85 1.16 0.00	45.46 0.97 0.00	39.42 0.91 0.00	37.06 0.91 0.00
BAYONEEC___CTG10 323750	51.30 1.67 0.00	47.99 1.61 0.00	40.70 1.21 0.00	39.82 1.15 0.00	37.63 1.03 0.00	37.18 1.24 0.00	40.17 1.28 0.00	55.29 1.79 0.00	43.63 1.65 0.00	34.94 1.67 0.00	27.59 1.38 0.00	24.96 1.31 0.00	31.00 1.58 0.00	34.83 1.72 0.00	31.76 1.58 0.00	33.84 1.52 0.00	40.33 1.38 0.00	54.83 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.85 1.16 0.00	45.46 0.97 0.00	39.42 0.91 0.00	37.06 0.91 0.00
BAYONEEC___CTG2 323683	51.30 1.67 0.00	47.99 1.61 0.00	40.70 1.21 0.00	39.82 1.15 0.00	37.63 1.03 0.00	37.18 1.24 0.00	40.17 1.28 0.00	55.29 1.79 0.00	43.63 1.65 0.00	34.94 1.67 0.00	27.59 1.38 0.00	24.96 1.31 0.00	31.00 1.58 0.00	34.83 1.72 0.00	31.76 1.58 0.00	33.84 1.52 0.00	40.33 1.38 0.00	54.83 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.85 1.16 0.00	45.46 0.97 0.00	39.42 0.91 0.00	37.06 0.91 0.00
BAYONEEC___CTG3 323684	51.30 1.67 0.00	47.99 1.61 0.00	40.70 1.21 0.00	39.82 1.15 0.00	37.63 1.03 0.00	37.18 1.24 0.00	40.17 1.28 0.00	55.29 1.79 0.00	43.63 1.65 0.00	34.94 1.67 0.00	27.59 1.38 0.00	24.96 1.31 0.00	31.00 1.58 0.00	34.83 1.72 0.00	31.76 1.58 0.00	33.84 1.52 0.00	40.33 1.38 0.00	54.83 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.85 1.16 0.00	45.46 0.97 0.00	39.42 0.91 0.00	37.06 0.91 0.00
BAYONEEC___CTG4 323685	51.30 1.67 0.00	47.99 1.61 0.00	40.70 1.21 0.00	39.82 1.15 0.00	37.63 1.03 0.00	37.18 1.24 0.00	40.17 1.28 0.00	55.29 1.79 0.00	43.63 1.65 0.00	34.94 1.67 0.00	27.59 1.38 0.00	24.96 1.31 0.00	31.00 1.58 0.00	34.83 1.72 0.00	31.76 1.58 0.00	33.84 1.52 0.00	40.33 1.38 0.00	54.83 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.85 1.16 0.00	45.46 0.97 0.00	39.42 0.91 0.00	37.06 0.91 0.00
BAYONEEC___CTG5 323686	51.30 1.67 0.00	47.99 1.61 0.00	40.70 1.21 0.00	39.82 1.15 0.00	37.63 1.03 0.00	37.18 1.24 0.00	40.17 1.28 0.00	55.29 1.79 0.00	43.63 1.65 0.00	34.94 1.67 0.00	27.59 1.38 0.00	24.96 1.31 0.00	31.00 1.58 0.00	34.83 1.72 0.00	31.76 1.58 0.00	33.84 1.52 0.00	40.33 1.38 0.00	54.83 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.85 1.16 0.00	45.46 0.97 0.00	39.42 0.91 0.00	37.06 0.91 0.00
BAYONEEC___CTG6 323687	51.30 1.67 0.00	47.99 1.61 0.00	40.70 1.21 0.00	39.82 1.15 0.00	37.63 1.03 0.00	37.18 1.24 0.00	40.17 1.28 0.00	55.29 1.79 0.00	43.63 1.65 0.00	34.94 1.67 0.00	27.59 1.38 0.00	24.96 1.31 0.00	31.00 1.58 0.00	34.83 1.72 0.00	31.76 1.58 0.00	33.84 1.52 0.00	40.33 1.38 0.00	54.83 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.85 1.16 0.00	45.46 0.97 0.00	39.42 0.91 0.00	37.06 0.91 0.00
BAYONEEC___CTG7 323688	51.30 1.67 0.00	47.99 1.61 0.00	40.70 1.21 0.00	39.82 1.15 0.00	37.63 1.03 0.00	37.18 1.24 0.00	40.17 1.28 0.00	55.29 1.79 0.00	43.63 1.65 0.00	34.94 1.67 0.00	27.59 1.38 0.00	24.96 1.31 0.00	31.00 1.58 0.00	34.83 1.72 0.00	31.76 1.58 0.00	33.84 1.52 0.00	40.33 1.38 0.00	54.83 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.85 1.16 0.00	45.46 0.97 0.00	39.42 0.91 0.00	37.06 0.91 0.00

BAYONEEC___CTG8 323689	51.30 1.67 0.00	47.99 1.61 0.00	40.70 1.21 0.00	39.82 1.15 0.00	37.63 1.03 0.00	37.18 1.24 0.00	40.17 1.28 0.00	55.29 1.79 0.00	43.63 1.65 0.00	34.94 1.67 0.00	27.59 1.38 0.00	24.96 1.31 0.00	31.00 1.58 0.00	34.83 1.72 0.00	31.76 1.58 0.00	33.84 1.52 0.00	40.33 1.38 0.00	54.83 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.85 1.16 0.00	45.46 0.97 0.00	39.42 0.91 0.00	37.06 0.91 0.00
BAYONEEC___CTG9 323749	51.30 1.67 0.00	47.99 1.61 0.00	40.70 1.21 0.00	39.82 1.15 0.00	37.63 1.03 0.00	37.18 1.24 0.00	40.17 1.28 0.00	55.29 1.79 0.00	43.63 1.65 0.00	34.94 1.67 0.00	27.59 1.38 0.00	24.96 1.31 0.00	31.00 1.58 0.00	34.83 1.72 0.00	31.76 1.58 0.00	33.84 1.52 0.00	40.33 1.38 0.00	54.83 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.85 1.16 0.00	45.46 0.97 0.00	39.42 0.91 0.00	37.06 0.91 0.00
BEACON___LESR 323632	50.04 0.40 0.00	46.75 0.36 0.00	39.83 0.35 0.00	38.99 0.31 0.00	36.93 0.33 0.00	36.30 0.36 0.00	39.36 0.47 0.00	53.91 0.41 0.00	42.34 0.36 0.00	33.59 0.33 0.00	26.40 0.19 0.00	23.79 0.14 0.00	29.64 0.21 0.00	33.38 0.27 0.00	30.45 0.27 0.00	32.65 0.33 0.00	39.32 0.38 0.00	53.81 0.57 0.00	53.68 0.27 0.00	50.08 0.36 0.00	47.20 0.51 0.00	44.88 0.39 0.00	38.73 0.21 0.00	36.30 0.15 0.00
BEAVER RIVER___HYD 24048	51.76 2.13 0.00	48.28 1.90 0.00	41.06 1.58 0.00	40.25 1.58 0.00	38.10 1.50 0.00	37.39 1.45 0.00	40.57 1.67 0.00	55.86 2.36 0.00	43.66 1.69 0.00	33.91 0.64 0.00	26.34 0.13 0.00	23.75 0.10 0.00	29.72 0.30 0.00	33.49 0.37 0.00	30.54 0.36 0.00	32.76 0.44 0.00	39.73 0.79 0.00	55.06 1.82 0.00	55.79 2.38 0.00	51.88 2.15 0.00	48.93 2.24 0.00	46.83 2.35 0.00	40.41 1.90 0.00	37.85 1.70 0.00
BEEBEE_GT_13 23619	49.45 -0.18 0.00	45.97 -0.42 0.00	38.99 -0.49 0.00	38.26 -0.41 0.00	36.33 -0.26 0.00	35.64 -0.30 0.00	38.62 -0.28 0.00	53.32 -0.18 0.00	41.64 -0.34 0.00	32.96 -0.31 0.00	26.04 -0.17 0.00	23.41 -0.24 0.00	29.16 -0.26 0.00	32.73 -0.38 0.00	29.85 -0.34 0.00	31.99 -0.34 0.00	38.61 -0.33 0.00	52.70 -0.55 0.00	53.21 -0.20 0.00	49.33 -0.40 0.00	46.03 -0.67 0.00	44.11 -0.38 0.00	38.28 -0.23 0.00	35.98 -0.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.53 1.90 0.00	48.18 1.80 0.00	40.86 1.37 0.00	39.94 1.27 0.00	37.77 1.18 0.00	37.36 1.42 0.00	40.40 1.50 0.00	55.72 2.21 0.00	43.97 2.00 0.00	35.23 1.96 0.00	27.86 1.65 0.00	25.21 1.55 0.00	31.29 1.86 0.00	35.15 2.03 0.00	32.06 1.88 0.00	34.15 1.82 0.00	40.71 1.77 0.00	55.34 2.10 0.00	55.52 2.11 0.00	51.68 1.95 0.00	48.34 1.64 0.00	45.93 1.44 0.00	39.83 1.31 0.00	37.42 1.27 0.00
BETHLEHEM___GRP 23843	49.15 -0.48 0.00	45.98 -0.41 0.00	39.16 -0.32 0.00	38.34 -0.33 0.00	36.28 -0.32 0.00	35.74 -0.20 0.00	38.63 -0.27 0.00	52.86 -0.64 0.00	41.57 -0.40 0.00	33.06 -0.21 0.00	26.01 -0.20 0.00	23.46 -0.19 0.00	29.20 -0.23 0.00	32.91 -0.20 0.00	30.04 -0.14 0.00	32.16 -0.17 0.00	38.61 -0.33 0.00	52.74 -0.50 0.00	52.70 -0.72 0.00	49.21 -0.52 0.00	46.32 -0.38 0.00	44.10 -0.38 0.00	38.13 -0.39 0.00	35.73 -0.42 0.00
BETHLEHEM___GS1 323560	49.15 -0.48 0.00	45.98 -0.41 0.00	39.16 -0.32 0.00	38.34 -0.33 0.00	36.28 -0.32 0.00	35.73 -0.21 0.00	38.63 -0.27 0.00	52.86 -0.64 0.00	41.56 -0.42 0.00	33.05 -0.22 0.00	26.01 -0.20 0.00	23.46 -0.19 0.00	29.20 -0.23 0.00	32.91 -0.20 0.00	30.04 -0.15 0.00	32.15 -0.18 0.00	38.61 -0.33 0.00	52.74 -0.50 0.00	52.70 -0.72 0.00	49.21 -0.52 0.00	46.32 -0.38 0.00	44.10 -0.38 0.00	38.13 -0.39 0.00	35.73 -0.42 0.00
BETHLEHEM___GS2 323561	49.15 -0.48 0.00	45.98 -0.41 0.00	39.16 -0.32 0.00	38.34 -0.33 0.00	36.28 -0.32 0.00	35.73 -0.21 0.00	38.63 -0.27 0.00	52.86 -0.64 0.00	41.56 -0.42 0.00	33.05 -0.22 0.00	26.01 -0.20 0.00	23.46 -0.19 0.00	29.20 -0.23 0.00	32.91 -0.20 0.00	30.04 -0.15 0.00	32.15 -0.18 0.00	38.61 -0.33 0.00	52.74 -0.50 0.00	52.70 -0.72 0.00	49.21 -0.52 0.00	46.32 -0.38 0.00	44.10 -0.38 0.00	38.13 -0.39 0.00	35.73 -0.42 0.00
BETHLEHEM___GS3 323562	49.15 -0.48 0.00	45.98 -0.41 0.00	39.16 -0.32 0.00	38.34 -0.33 0.00	36.28 -0.32 0.00	35.73 -0.21 0.00	38.63 -0.27 0.00	52.86 -0.64 0.00	41.56 -0.42 0.00	33.05 -0.22 0.00	26.01 -0.20 0.00	23.46 -0.19 0.00	29.20 -0.23 0.00	32.91 -0.20 0.00	30.04 -0.15 0.00	32.15 -0.18 0.00	38.61 -0.33 0.00	52.74 -0.50 0.00	52.70 -0.72 0.00	49.21 -0.52 0.00	46.32 -0.38 0.00	44.10 -0.38 0.00	38.13 -0.39 0.00	35.73 -0.42 0.00
BETHLEHEM___STEEL 23779	49.54 -0.09 0.00	45.85 -0.54 0.00	38.79 -0.69 0.00	38.13 -0.54 0.00	36.32 -0.28 0.00	35.54 -0.40 0.00	38.46 -0.43 0.00	53.10 -0.40 0.00	41.29 -0.69 0.00	32.82 -0.44 0.00	26.08 -0.13 0.00	23.37 -0.28 0.00	29.14 -0.29 0.00	32.63 -0.48 0.00	29.73 -0.46 0.00	31.85 -0.47 0.00	38.26 -0.69 0.00	51.65 -1.59 0.00	52.33 -1.08 0.00	48.31 -1.42 0.00	44.84 -1.85 0.00	43.31 -1.18 0.00	37.81 -0.71 0.00	35.74 -0.41 0.00
BETHLHEM_115KV_TB1 79974	49.33 -0.30 0.00	46.15 -0.23 0.00	39.31 -0.17 0.00	38.49 -0.17 0.00	36.41 -0.19 0.00	35.86 -0.09 0.00	38.76 -0.13 0.00	53.07 -0.43 0.00	41.73 -0.24 0.00	33.18 -0.09 0.00	26.11 -0.11 0.00	23.55 -0.10 0.00	29.31 -0.12 0.00	33.02 -0.09 0.00	30.13 -0.05 0.00	32.26 -0.06 0.00	38.74 -0.20 0.00	52.91 -0.33 0.00	52.88 -0.53 0.00	49.37 -0.36 0.00	46.46 -0.23 0.00	44.24 -0.24 0.00	38.26 -0.26 0.00	35.85 -0.30 0.00
BETHPAGE_CC_5 323564	50.68 1.05 0.00	47.68 1.29 0.00	40.47 0.99 0.00	39.64 0.97 0.00	37.38 0.78 0.00	36.61 0.67 0.00	39.52 0.62 0.00	54.17 0.70 0.03	42.98 1.00 0.00	34.47 1.21 0.00	27.39 1.17 0.00	24.63 0.98 0.00	30.72 1.30 0.00	34.53 1.41 0.00	31.52 1.34 0.00	33.37 1.04 0.00	39.76 0.82 0.00	54.20 0.96 0.00	52.40 0.57 1.58	47.91 0.53 2.34	47.24 0.55 0.00	39.57 0.19 5.11	38.81 0.45 0.16	36.84 0.69 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	49.61 -0.02 0.00	45.91 -0.47 0.00	38.86 -0.62 0.00	38.20 -0.47 0.00	36.37 -0.23 0.00	35.60 -0.34 0.00	38.53 -0.37 0.00	53.21 -0.29 0.00	41.37 -0.60 0.00	32.89 -0.38 0.00	26.12 -0.09 0.00	23.42 -0.23 0.00	29.19 -0.24 0.00	32.69 -0.43 0.00	29.77 -0.41 0.00	31.90 -0.43 0.00	38.33 -0.61 0.00	51.75 -1.49 0.00	52.43 -0.99 0.00	48.40 -1.33 0.00	44.93 -1.77 0.00	43.37 -1.12 0.00	37.86 -0.66 0.00	35.79 -0.36 0.00
BINGHAMTON___COGEN 23790	49.77 0.14 0.00	46.41 0.03 0.00	39.43 -0.05 0.00	38.71 0.04 0.00	36.61 0.01 0.00	36.00 0.06 0.00	38.93 0.04 0.00	53.70 0.20 0.00	42.01 0.03 0.00	33.31 0.04 0.00	26.25 0.03 0.00	23.69 0.04 0.00	29.37 -0.06 0.00	32.98 -0.13 0.00	30.03 -0.15 0.00	32.14 -0.18 0.00	38.80 -0.14 0.00	52.94 -0.30 0.00	53.30 -0.11 0.00	49.49 -0.24 0.00	46.37 -0.33 0.00	44.27 -0.22 0.00	38.33 -0.19 0.00	36.02 -0.13 0.00

BIXINCNT_115KV_LOAD 355685	50.05 0.42 0.00	46.37 -0.02 0.00	39.26 -0.22 0.00	38.62 -0.04 0.00	36.77 0.17 0.00	36.03 0.08 0.00	39.01 0.12 0.00	53.95 0.46 0.00	41.98 0.00 0.00	33.34 0.07 0.00	26.41 0.20 0.00	23.65 0.00 0.00	29.43 0.00 0.00	32.95 -0.17 0.00	29.96 -0.22 0.00	32.11 -0.22 0.00	38.58 -0.36 0.00	52.14 -1.11 0.00	52.86 -0.55 0.00	48.70 -1.04 0.00	45.23 -1.47 0.00	43.51 -0.98 0.00	37.99 -0.52 0.00	35.93 -0.22 0.00
BLACK RIVER___HYD 24047	51.95 2.32 0.00	48.45 2.06 0.00	41.17 1.69 0.00	40.35 1.68 0.00	38.18 1.59 0.00	37.54 1.60 0.00	40.79 1.90 0.00	56.25 2.75 0.00	43.91 1.93 0.00	33.90 0.63 0.00	26.15 -0.06 0.00	23.56 -0.09 0.00	29.50 0.07 0.00	33.22 0.10 0.00	30.25 0.07 0.00	32.62 0.29 0.00	39.65 0.71 0.00	55.21 1.97 0.00	56.18 2.77 0.00	52.23 2.50 0.00	49.30 2.61 0.00	47.19 2.70 0.00	40.63 2.11 0.00	38.01 1.86 0.00
BLACKRVR_115KV_TB2 79977	51.95 2.32 0.00	48.45 2.06 0.00	41.17 1.69 0.00	40.35 1.68 0.00	38.17 1.58 0.00	37.54 1.60 0.00	40.79 1.90 0.00	56.25 2.75 0.00	43.91 1.93 0.00	33.90 0.63 0.00	26.15 -0.06 0.00	23.56 -0.09 0.00	29.50 0.07 0.00	33.22 0.10 0.00	30.25 0.07 0.00	32.62 0.29 0.00	39.65 0.71 0.00	55.21 1.97 0.00	56.18 2.77 0.00	52.23 2.50 0.00	49.30 2.61 0.00	47.19 2.70 0.00	40.63 2.11 0.00	38.01 1.86 0.00
BLDWN_LI_69_KV_BK4 356085	51.04 1.41 0.00	47.94 1.56 0.00	40.68 1.20 0.00	39.85 1.18 0.00	37.59 1.00 0.00	36.86 0.92 0.00	39.80 0.90 0.00	54.61 1.13 0.02	43.30 1.32 0.00	34.68 1.41 0.00	27.54 1.33 0.00	24.78 1.12 0.00	30.88 1.45 0.00	34.70 1.59 0.00	31.70 1.52 0.00	33.61 1.28 0.00	40.07 1.12 0.00	54.65 1.41 0.00	53.60 1.08 0.89	49.40 0.99 1.32	47.66 0.96 0.00	42.20 0.58 2.87	39.17 0.74 0.09	37.08 0.93 0.00
BLISS_WT_PWR 323608	48.88 0.47 1.22	45.25 0.03 1.17	38.24 -0.17 1.06	37.23 0.00 1.44	35.43 0.23 1.40	35.10 0.11 0.94	37.68 0.16 1.37	52.51 0.52 1.51	39.71 0.09 2.36	31.69 0.12 1.70	25.91 0.22 0.52	23.68 0.03 0.00	29.45 0.03 0.00	32.82 -0.14 0.15	29.90 -0.18 0.10	31.37 -0.20 0.75	37.62 -0.33 1.00	51.91 -1.06 0.27	52.90 -0.51 0.00	48.69 -1.04 0.00	45.22 -1.48 0.00	43.48 -1.01 0.00	37.98 -0.53 0.00	35.93 -0.22 0.00
BLUESTONE___WT_PWR 323821	52.04 2.18 -0.23	48.49 1.88 -0.22	40.79 1.11 -0.20	40.49 1.54 -0.27	38.32 1.47 -0.26	37.61 1.49 -0.18	40.81 1.66 -0.26	56.25 2.47 -0.28	44.36 1.94 -0.44	35.00 1.42 -0.32	27.35 1.04 -0.10	24.59 0.94 0.00	30.39 0.96 0.00	34.09 0.95 -0.03	31.04 0.84 -0.02	33.42 0.95 -0.14	40.61 1.48 -0.19	55.77 2.47 -0.05	56.12 2.71 0.00	51.76 2.03 0.00	48.52 1.82 0.00	45.86 1.37 0.00	39.74 1.23 0.00	36.94 0.79 0.00
BLUE_CIRC_CHEM_DRP 24182	50.04 0.41 0.00	46.81 0.43 0.00	39.89 0.41 0.00	39.07 0.40 0.00	36.96 0.36 0.00	36.37 0.43 0.00	39.32 0.42 0.00	53.86 0.37 0.00	42.26 0.28 0.00	33.47 0.20 0.00	26.31 0.10 0.00	23.73 0.08 0.00	29.53 0.11 0.00	33.29 0.18 0.00	30.34 0.16 0.00	32.51 0.19 0.00	39.19 0.25 0.00	53.61 0.37 0.00	53.62 0.21 0.00	50.03 0.30 0.00	47.09 0.40 0.00	44.84 0.36 0.00	38.80 0.28 0.00	36.37 0.22 0.00
BOC_GAS_DRP 24189	49.83 0.20 0.00	46.63 0.25 0.00	39.72 0.24 0.00	38.89 0.22 0.00	36.77 0.18 0.00	36.20 0.26 0.00	39.12 0.23 0.00	53.64 0.14 0.00	42.17 0.19 0.00	33.53 0.26 0.00	26.40 0.19 0.00	23.82 0.17 0.00	29.63 0.20 0.00	33.37 0.25 0.00	30.42 0.24 0.00	32.56 0.23 0.00	39.10 0.16 0.00	53.36 0.12 0.00	53.35 -0.06 0.05	49.78 0.05 0.14	46.83 0.14 0.12	44.61 0.12 0.09	38.60 0.09 0.05	36.20 0.05 0.00
BOONVILLE_115KV_TB1 79983	51.15 1.52 0.00	47.75 1.37 0.00	40.63 1.15 0.00	39.86 1.19 0.00	37.72 1.13 0.00	37.08 1.14 0.00	40.18 1.29 0.00	55.34 1.84 0.00	43.33 1.35 0.00	33.97 0.70 0.00	26.53 0.32 0.00	23.90 0.25 0.00	29.77 0.34 0.00	33.54 0.43 0.00	30.62 0.43 0.00	32.80 0.47 0.00	39.70 0.76 0.00	54.76 1.52 0.00	55.16 1.75 0.00	51.32 1.59 0.00	48.29 1.60 0.00	46.09 1.60 0.00	39.82 1.31 0.00	37.30 1.15 0.00
BORALEX_4TH_BRANCH 23824	51.07 1.44 0.00	47.64 1.25 0.00	40.62 1.14 0.00	39.76 1.09 0.00	37.68 1.08 0.00	37.12 1.19 0.00	40.21 1.32 0.00	54.70 1.20 0.00	42.97 0.99 0.00	34.15 0.88 0.00	26.78 0.57 0.00	24.09 0.44 0.00	30.02 0.60 0.00	33.94 0.83 0.00	30.89 0.70 0.00	33.18 0.85 0.00	40.08 1.13 0.00	54.69 1.44 0.00	54.44 1.03 0.00	51.06 1.33 0.00	48.24 1.54 0.00	46.07 1.58 0.00	39.74 1.23 0.00	37.12 0.97 0.00
BOWLINE___1 23526	50.97 1.34 0.00	47.69 1.30 0.00	40.44 0.96 0.00	39.57 0.90 0.00	37.41 0.81 0.00	36.93 0.99 0.00	39.92 1.02 0.00	54.96 1.46 0.00	43.33 1.35 0.00	34.65 1.38 0.00	27.35 1.14 0.00	24.74 1.08 0.00	30.73 1.31 0.00	34.53 1.42 0.00	31.46 1.28 0.00	33.56 1.23 0.00	40.05 1.11 0.00	54.47 1.23 0.00	54.56 1.14 0.00	50.79 1.06 0.00	47.58 0.89 0.00	45.22 0.73 0.00	39.23 0.72 0.00	36.86 0.71 0.00
BOWLINE___2 23595	50.95 1.32 0.00	47.67 1.28 0.00	40.43 0.95 0.00	39.57 0.90 0.00	37.40 0.80 0.00	36.93 0.99 0.00	39.91 1.01 0.00	54.95 1.45 0.00	43.33 1.35 0.00	34.64 1.37 0.00	27.34 1.13 0.00	24.73 1.08 0.00	30.72 1.29 0.00	34.52 1.41 0.00	31.46 1.28 0.00	33.56 1.23 0.00	40.04 1.10 0.00	54.45 1.21 0.00	54.54 1.13 0.00	50.79 1.06 0.00	47.57 0.87 0.00	45.21 0.72 0.00	39.23 0.71 0.00	36.84 0.69 0.00
BRADY___115KV_TB2 356060	51.96 2.33 0.00	48.49 2.11 0.00	41.24 1.76 0.00	40.36 1.69 0.00	38.23 1.64 0.00	37.42 1.47 0.00	40.50 1.60 0.00	55.85 2.35 0.00	43.73 1.75 0.00	34.23 0.96 0.00	26.99 0.78 0.00	24.36 0.70 0.00	30.41 0.98 0.00	34.29 1.17 0.00	31.33 1.14 0.00	33.60 1.27 0.00	40.57 1.63 0.00	55.79 2.55 0.00	56.39 2.98 0.00	52.44 2.71 0.00	49.14 2.45 0.00	46.75 2.27 0.00	40.44 1.92 0.00	37.99 1.84 0.00
BRANSCOMB___SOLAR 323811	51.13 1.50 0.00	47.79 1.40 0.00	40.71 1.23 0.00	39.87 1.20 0.00	37.76 1.17 0.00	37.16 1.22 0.00	40.23 1.33 0.00	54.97 1.47 0.00	43.10 1.12 0.00	34.07 0.80 0.00	26.63 0.41 0.00	23.96 0.31 0.00	29.86 0.43 0.00	33.70 0.59 0.00	30.67 0.49 0.00	33.04 0.72 0.00	40.11 1.17 0.00	54.97 1.73 0.00	54.94 1.52 0.00	51.34 1.61 0.00	48.38 1.68 0.00	46.03 1.54 0.00	39.73 1.21 0.00	37.12 0.97 0.00
BRDGHMPT_69_KV_BK1 55812	51.16 1.53 0.00	48.31 1.93 0.00	40.96 1.47 0.00	40.31 1.64 0.00	37.90 1.31 0.00	36.98 1.04 0.00	40.35 1.45 0.00	55.26 1.80 0.04	43.93 1.95 0.00	34.68 1.41 0.00	27.50 1.29 0.00	24.68 1.03 0.00	31.02 1.59 0.00	34.80 1.69 0.00	31.97 1.78 0.00	33.96 1.64 0.00	40.67 1.73 0.00	55.60 2.36 0.00	52.67 1.33 2.07	47.80 1.12 3.06	47.69 0.99 0.00	38.43 0.60 6.66	38.86 0.55 0.21	36.57 0.42 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	50.82 1.20 0.00	47.94 1.55 0.00	40.76 1.28 0.00	39.95 1.28 0.00	37.67 1.07 0.00	36.75 0.81 0.00	39.70 0.81 0.00	54.39 0.92 0.03	43.22 1.24 0.00	34.61 1.34 0.00	27.54 1.33 0.00	24.76 1.11 0.00	30.96 1.54 0.00	34.78 1.67 0.00	31.78 1.60 0.00	33.60 1.27 0.00	40.07 1.13 0.00	54.67 1.43 0.00	52.25 0.82 1.99	47.49 0.70 2.94	47.56 0.86 0.00	38.44 0.37 6.41	38.97 0.66 0.20	37.06 0.91 0.00
BRISTLHL_115KV_TB1 79998	48.46 -1.17 0.00	45.27 -1.11 0.00	38.51 -0.97 0.00	37.74 -0.93 0.00	35.73 -0.87 0.00	35.11 -0.83 0.00	38.03 -0.86 0.00	52.35 -1.15 0.00	41.04 -0.94 0.00	32.48 -0.79 0.00	25.54 -0.67 0.00	23.06 -0.59 0.00	28.67 -0.75 0.00	32.19 -0.92 0.00	29.33 -0.85 0.00	31.46 -0.87 0.00	37.93 -1.01 0.00	52.00 -1.24 0.00	52.26 -1.15 0.00	48.63 -1.10 0.00	45.67 -1.03 0.00	43.54 -0.95 0.00	37.66 -0.85 0.00	35.33 -0.82 0.00
BROOKHAVEN___DRP 24191	50.17 0.54 0.00	47.43 1.04 0.00	40.18 0.70 0.00	39.51 0.84 0.00	37.22 0.62 0.00	36.30 0.36 0.00	39.46 0.57 0.00	54.08 0.61 0.04	42.99 1.01 0.00	34.08 0.81 0.00	27.07 0.85 0.00	24.31 0.66 0.00	30.56 1.13 0.00	34.32 1.21 0.00	31.41 1.23 0.00	33.26 0.93 0.00	39.70 0.76 0.00	54.16 0.92 0.00	51.25 -0.10 2.07	46.58 -0.09 3.06	46.86 0.16 0.00	37.53 -0.29 6.67	38.38 0.07 0.21	36.47 0.31 0.00
BROOKLYN_NAVY_YARD 23515	42.36 1.47 8.74	36.32 1.42 11.49	36.26 1.06 4.28	36.13 1.00 3.54	36.62 0.88 0.86	37.04 1.10 0.00	40.02 1.13 0.00	55.09 1.60 0.00	43.49 1.51 0.00	34.83 1.56 0.00	27.52 1.31 0.00	24.90 1.25 0.00	30.92 1.50 0.00	34.74 1.63 0.00	31.68 1.50 0.00	33.74 1.42 0.00	40.20 1.26 0.00	54.63 1.38 0.00	54.78 1.36 0.00	51.01 1.28 0.00	47.70 1.00 0.00	45.33 0.84 0.00	39.30 0.78 0.00	36.95 0.80 0.00
BROOKLYN___ARMY_DRP 323595	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
BROOME_2_LFGE 323671	50.04 0.14 -0.28	46.68 0.03 -0.27	39.68 -0.05 -0.24	39.04 0.04 -0.33	36.93 0.02 -0.32	36.21 0.06 -0.21	39.25 0.05 -0.31	54.05 0.21 -0.34	42.55 0.04 -0.54	33.69 0.04 -0.38	26.37 0.03 -0.12	23.69 0.04 0.00	29.37 -0.06 0.00	33.02 -0.13 -0.03	30.06 -0.15 -0.02	32.32 -0.18 -0.17	39.03 -0.14 -0.23	53.01 -0.30 -0.06	53.30 -0.11 0.00	49.49 -0.24 0.00	46.37 -0.33 0.00	44.27 -0.22 0.00	38.33 -0.18 0.00	36.02 -0.13 0.00
BROOME___LFGE 323600	50.04 0.14 -0.28	46.68 0.03 -0.27	39.68 -0.05 -0.24	39.04 0.04 -0.33	36.93 0.02 -0.32	36.21 0.06 -0.21	39.25 0.05 -0.31	54.05 0.21 -0.34	42.55 0.04 -0.54	33.69 0.04 -0.38	26.37 0.03 -0.12	23.69 0.04 0.00	29.37 -0.06 0.00	33.02 -0.13 -0.03	30.06 -0.15 -0.02	32.32 -0.18 -0.17	39.03 -0.14 -0.23	53.01 -0.30 -0.06	53.30 -0.11 0.00	49.49 -0.24 0.00	46.37 -0.33 0.00	44.27 -0.22 0.00	38.33 -0.18 0.00	36.02 -0.13 0.00
BROWNFLS_115KV_TB 3_5 80003	51.81 2.18 0.00	48.33 1.94 0.00	41.11 1.63 0.00	40.27 1.59 0.00	38.14 1.54 0.00	37.37 1.43 0.00	40.50 1.60 0.00	55.66 2.16 0.00	43.56 1.58 0.00	33.96 0.69 0.00	26.53 0.32 0.00	23.96 0.31 0.00	30.03 0.60 0.00	33.85 0.74 0.00	30.90 0.71 0.00	33.12 0.79 0.00	39.99 1.04 0.00	55.22 1.98 0.00	55.85 2.44 0.00	51.95 2.22 0.00	48.89 2.19 0.00	46.82 2.33 0.00	40.42 1.91 0.00	37.91 1.76 0.00
BROWNSV1_27_KV_LOAD 356125	51.68 2.05 0.00	48.34 1.95 0.00	40.98 1.50 0.00	40.09 1.42 0.00	37.89 1.30 0.00	37.42 1.47 0.00	40.45 1.55 0.00	55.68 2.18 0.00	43.96 1.99 0.00	35.20 1.93 0.00	27.80 1.59 0.00	25.14 1.49 0.00	31.22 1.79 0.00	35.08 1.97 0.00	31.99 1.80 0.00	34.10 1.78 0.00	40.67 1.73 0.00	55.30 2.05 0.00	55.41 2.00 0.00	51.59 1.86 0.00	48.26 1.57 0.00	45.85 1.36 0.00	39.75 1.23 0.00	37.37 1.22 0.00
BURROWS___LYONSDAL 23803	51.29 1.65 0.00	47.87 1.49 0.00	40.74 1.26 0.00	39.94 1.27 0.00	37.81 1.21 0.00	37.15 1.21 0.00	40.27 1.38 0.00	55.47 1.97 0.00	43.42 1.44 0.00	33.94 0.68 0.00	26.49 0.27 0.00	23.86 0.21 0.00	29.75 0.32 0.00	33.52 0.40 0.00	30.59 0.40 0.00	32.77 0.44 0.00	39.69 0.75 0.00	54.82 1.58 0.00	55.27 1.86 0.00	51.41 1.68 0.00	48.43 1.73 0.00	46.25 1.76 0.00	39.94 1.43 0.00	37.42 1.27 0.00
CAITHNESS_CC_1 323624	50.14 0.51 0.00	47.38 0.99 0.00	40.16 0.68 0.00	39.47 0.80 0.00	37.16 0.56 0.00	36.26 0.32 0.00	39.38 0.49 0.00	53.95 0.48 0.04	42.89 0.91 0.00	34.05 0.78 0.00	27.06 0.85 0.00	24.31 0.66 0.00	30.53 1.10 0.00	34.29 1.18 0.00	31.37 1.19 0.00	33.21 0.89 0.00	39.61 0.66 0.00	54.03 0.79 0.00	51.18 -0.16 2.07	46.51 -0.15 3.06	46.79 0.09 0.00	37.48 -0.34 6.68	38.35 0.03 0.21	36.44 0.28 0.00
CALPINE BETH_PAGE_GT4 24209	50.76 1.13 0.00	47.74 1.36 0.00	40.52 1.04 0.00	39.70 1.03 0.00	37.44 0.84 0.00	36.67 0.73 0.00	39.61 0.72 0.00	54.32 0.84 0.02	43.09 1.11 0.00	34.54 1.27 0.00	27.42 1.20 0.00	24.66 1.01 0.00	30.77 1.34 0.00	34.57 1.45 0.00	31.56 1.38 0.00	33.44 1.11 0.00	39.86 0.92 0.00	54.34 1.10 0.00	52.74 0.73 1.41	48.31 0.66 2.08	47.37 0.68 0.00	40.26 0.31 4.54	38.90 0.52 0.14	36.88 0.73 0.00
CALPINE_BETH_PAGE_GT_4 323586	50.76 1.13 0.00	47.74 1.35 0.00	40.52 1.04 0.00	39.69 1.02 0.00	37.42 0.83 0.00	36.67 0.73 0.00	39.60 0.71 0.00	54.32 0.84 0.02	43.07 1.10 0.00	34.53 1.26 0.00	27.41 1.20 0.00	24.66 1.01 0.00	30.77 1.34 0.00	34.57 1.45 0.00	31.56 1.38 0.00	33.44 1.11 0.00	39.86 0.91 0.00	54.33 1.09 0.00	52.74 0.73 1.41	48.31 0.66 2.08	47.37 0.68 0.00	40.26 0.31 4.54	38.90 0.52 0.14	36.89 0.73 0.00
CALPINE_BP_GT1 23823	50.76 1.13 0.00	47.74 1.35 0.00	40.52 1.04 0.00	39.69 1.02 0.00	37.42 0.83 0.00	36.67 0.73 0.00	39.60 0.71 0.00	54.32 0.84 0.02	43.07 1.10 0.00	34.53 1.26 0.00	27.41 1.20 0.00	24.66 1.01 0.00	30.77 1.34 0.00	34.57 1.45 0.00	31.56 1.38 0.00	33.44 1.11 0.00	39.86 0.91 0.00	54.33 1.09 0.00	52.74 0.73 1.41	48.31 0.66 2.08	47.37 0.68 0.00	40.26 0.31 4.54	38.90 0.52 0.14	36.89 0.73 0.00
CALSPAN___DRP 24200	49.54 -0.09 0.00	45.85 -0.54 0.00	38.79 -0.69 0.00	38.13 -0.54 0.00	36.32 -0.28 0.00	35.54 -0.40 0.00	38.46 -0.43 0.00	53.10 -0.40 0.00	41.29 -0.69 0.00	32.82 -0.44 0.00	26.08 -0.13 0.00	23.37 -0.28 0.00	29.14 -0.29 0.00	32.63 -0.48 0.00	29.73 -0.46 0.00	31.85 -0.47 0.00	38.26 -0.69 0.00	51.65 -1.59 0.00	52.33 -1.08 0.00	48.31 -1.42 0.00	44.84 -1.85 0.00	43.31 -1.18 0.00	37.81 -0.71 0.00	35.74 -0.41 0.00

CALVERTON___SOLAR 323806	50.26 0.63 0.00	47.52 1.13 0.00	40.25 0.77 0.00	39.58 0.91 0.00	37.27 0.67 0.00	36.37 0.43 0.00	39.57 0.68 0.00	54.23 0.76 0.04	43.10 1.12 0.00	34.12 0.85 0.00	27.10 0.89 0.00	24.32 0.67 0.00	30.59 1.17 0.00	34.36 1.25 0.00	31.45 1.27 0.00	33.32 1.00 0.00	39.81 0.86 0.00	54.33 1.09 0.00	51.38 0.04 2.07	46.70 0.03 3.06	46.96 0.26 0.00	37.62 -0.20 6.67	38.45 0.14 0.21	36.50 0.34 0.00
CANDIGU_WT_PWR 323617	50.19 0.06 -0.49	46.61 -0.24 -0.47	39.56 -0.34 -0.43	39.04 -0.21 -0.58	37.04 -0.11 -0.56	36.19 -0.13 -0.38	39.31 -0.13 -0.55	54.14 0.03 -0.61	42.56 -0.37 -0.95	33.43 -0.53 -0.68	26.06 -0.36 -0.21	23.30 -0.35 0.00	28.94 -0.49 0.00	32.40 -0.77 -0.06	29.49 -0.73 -0.04	31.77 -0.86 -0.30	38.44 -0.91 -0.40	52.16 -1.19 -0.11	52.81 -0.60 0.00	48.81 -0.92 0.00	45.46 -1.24 0.00	43.65 -0.84 0.00	37.89 -0.62 0.00	35.70 -0.45 0.00
CARR STREET_E_SYR 24060	48.74 -0.89 0.00	45.53 -0.85 0.00	38.73 -0.75 0.00	37.97 -0.70 0.00	35.94 -0.65 0.00	35.32 -0.62 0.00	38.25 -0.64 0.00	52.69 -0.81 0.00	41.28 -0.70 0.00	32.66 -0.61 0.00	25.71 -0.50 0.00	23.21 -0.45 0.00	28.83 -0.60 0.00	32.43 -0.69 0.00	29.55 -0.64 0.00	31.65 -0.67 0.00	38.20 -0.74 0.00	52.30 -0.94 0.00	52.56 -0.85 0.00	48.89 -0.85 0.00	45.88 -0.82 0.00	43.76 -0.73 0.00	37.86 -0.66 0.00	35.52 -0.63 0.00
CARTHAGE___PAPER 23857	52.18 2.55 0.00	48.66 2.27 0.00	41.37 1.89 0.00	40.55 1.88 0.00	38.37 1.78 0.00	37.69 1.74 0.00	40.92 2.03 0.00	56.39 2.89 0.00	44.05 2.07 0.00	34.07 0.80 0.00	26.35 0.14 0.00	23.73 0.08 0.00	29.75 0.32 0.00	33.49 0.37 0.00	30.58 0.40 0.00	32.88 0.55 0.00	39.95 1.01 0.00	55.49 2.25 0.00	56.38 2.97 0.00	52.42 2.69 0.00	49.44 2.75 0.00	47.32 2.84 0.00	40.77 2.26 0.00	38.17 2.02 0.00
CASSADAGA_WT_PWR 323784	49.43 0.98 1.18	45.66 0.41 1.13	38.57 0.11 1.02	37.51 0.23 1.39	35.52 0.27 1.35	35.30 0.27 0.91	37.90 0.33 1.33	52.99 0.94 1.46	40.08 0.38 2.27	31.97 0.33 1.63	26.11 0.41 0.51	23.92 0.27 0.00	29.69 0.27 0.00	33.06 0.09 0.14	30.10 0.01 0.09	31.52 -0.08 0.73	37.81 -0.17 0.96	52.04 -0.94 0.26	53.14 -0.27 0.00	48.95 -0.78 0.00	45.27 -1.42 0.00	43.71 -0.78 0.00	38.11 -0.41 0.00	35.94 -0.21 0.00
CE_DUNWOOD___DRP 24194	51.11 1.48 0.00	47.83 1.44 0.00	40.58 1.09 0.00	39.72 1.05 0.00	37.54 0.94 0.00	37.02 1.08 0.00	40.01 1.12 0.00	55.05 1.56 0.00	43.44 1.46 0.00	34.75 1.48 0.00	27.43 1.22 0.00	24.80 1.15 0.00	30.81 1.39 0.00	34.64 1.52 0.00	31.58 1.39 0.00	33.66 1.33 0.00	40.16 1.22 0.00	54.63 1.38 0.00	54.70 1.28 0.00	50.94 1.21 0.00	47.70 1.01 0.00	45.33 0.84 0.00	39.31 0.80 0.00	36.95 0.80 0.00
CE_MILLWOOD___DRP 24193	51.05 1.42 0.00	47.77 1.38 0.00	40.53 1.05 0.00	39.67 1.00 0.00	37.49 0.89 0.00	36.99 1.04 0.00	39.97 1.08 0.00	54.99 1.49 0.00	43.39 1.41 0.00	34.69 1.42 0.00	27.38 1.17 0.00	24.76 1.11 0.00	30.77 1.34 0.00	34.58 1.46 0.00	31.52 1.34 0.00	33.61 1.29 0.00	40.11 1.17 0.00	54.56 1.32 0.00	54.62 1.21 0.00	50.87 1.14 0.00	47.65 0.95 0.00	45.28 0.80 0.00	39.27 0.76 0.00	36.90 0.75 0.00
CE_NYC2_DRP 24202	51.25 1.62 0.00	47.95 1.56 0.00	40.66 1.19 0.00	39.78 1.10 0.00	37.62 1.03 0.00	37.20 1.26 0.00	40.20 1.30 0.00	55.33 1.83 0.00	43.66 1.69 0.00	35.00 1.73 0.00	27.65 1.44 0.00	25.02 1.37 0.00	31.07 1.65 0.00	34.90 1.78 0.00	31.83 1.65 0.00	33.89 1.56 0.00	40.34 1.40 0.00	54.87 1.62 0.00	55.00 1.59 0.00	51.20 1.47 0.00	47.84 1.15 0.00	45.45 0.97 0.00	39.42 0.91 0.00	37.08 0.93 0.00
CE_NYC_DRP 24195	51.37 1.74 0.00	48.06 1.68 0.00	40.76 1.28 0.00	39.88 1.21 0.00	37.69 1.10 0.00	37.21 1.27 0.00	40.22 1.33 0.00	55.36 1.86 0.00	43.70 1.72 0.00	34.99 1.72 0.00	27.62 1.40 0.00	24.99 1.34 0.00	31.04 1.62 0.00	34.88 1.77 0.00	31.81 1.63 0.00	33.89 1.56 0.00	40.40 1.46 0.00	54.92 1.68 0.00	55.03 1.61 0.00	51.21 1.48 0.00	47.93 1.23 0.00	45.52 1.03 0.00	39.47 0.95 0.00	37.10 0.95 0.00
CHAFFEE___LFGE 323603	48.53 0.00 1.11	44.86 -0.47 1.06	37.89 -0.62 0.96	36.91 -0.46 1.30	35.13 -0.20 1.27	34.74 -0.34 0.86	37.30 -0.35 1.25	51.88 -0.25 1.37	39.30 -0.54 2.14	31.38 -0.36 1.54	25.66 -0.07 0.48	23.42 -0.23 0.00	29.19 -0.24 0.00	32.54 -0.44 0.14	29.68 -0.41 0.09	31.21 -0.43 0.68	37.42 -0.61 0.90	51.53 -1.46 0.25	52.50 -0.91 0.00	48.49 -1.24 0.00	45.00 -1.70 0.00	43.46 -1.03 0.00	37.91 -0.60 0.00	35.82 -0.33 0.00
CHATEAUG_35_KV_LOAD 355732	50.95 1.32 0.00	47.51 1.13 0.00	40.46 0.98 0.00	39.60 0.93 0.00	37.55 0.96 0.00	36.75 0.81 0.00	39.65 0.75 0.00	54.61 1.11 0.00	42.93 0.95 0.00	33.98 0.71 0.00	26.81 0.60 0.00	24.19 0.54 0.00	30.14 0.71 0.00	33.87 0.76 0.00	30.91 0.72 0.00	33.14 0.81 0.00	39.86 0.92 0.00	54.47 1.23 0.00	54.76 1.34 0.00	50.96 1.23 0.00	47.72 1.02 0.00	45.36 0.87 0.00	39.32 0.80 0.00	37.11 0.96 0.00
CHATEAUG_WT_PWR 323614	50.75 1.12 0.00	47.36 0.97 0.00	40.32 0.84 0.00	39.48 0.81 0.00	37.42 0.83 0.00	36.63 0.69 0.00	39.52 0.63 0.00	54.38 0.88 0.00	42.76 0.78 0.00	33.88 0.61 0.00	26.76 0.54 0.00	24.15 0.50 0.00	30.09 0.66 0.00	33.81 0.69 0.00	30.84 0.65 0.00	33.03 0.71 0.00	39.69 0.75 0.00	54.19 0.95 0.00	54.41 1.00 0.00	50.65 0.92 0.00	47.43 0.73 0.00	45.10 0.61 0.00	39.12 0.61 0.00	36.96 0.80 0.00
CHAT_HIGH_FALL_HYD 323578	50.95 1.32 0.00	47.51 1.13 0.00	40.46 0.98 0.00	39.60 0.93 0.00	37.55 0.96 0.00	36.75 0.81 0.00	39.65 0.75 0.00	54.61 1.11 0.00	42.93 0.95 0.00	33.98 0.71 0.00	26.81 0.60 0.00	24.19 0.54 0.00	30.14 0.71 0.00	33.87 0.76 0.00	30.91 0.72 0.00	33.14 0.81 0.00	39.86 0.92 0.00	54.47 1.23 0.00	54.76 1.34 0.00	50.96 1.23 0.00	47.72 1.02 0.00	45.36 0.87 0.00	39.32 0.80 0.00	37.11 0.96 0.00
CHAUTAUQUA___LFGE 323629	48.93 0.44 1.14	45.18 -0.12 1.09	38.16 -0.33 0.99	37.14 -0.20 1.34	35.21 -0.08 1.30	34.95 -0.11 0.88	37.53 -0.09 1.28	52.35 0.26 1.40	39.60 -0.18 2.19	31.60 -0.09 1.58	25.82 0.09 0.49	23.68 0.02 0.00	29.41 -0.01 0.00	32.74 -0.23 0.14	29.84 -0.25 0.09	31.30 -0.32 0.70	37.53 -0.48 0.93	51.62 -1.37 0.25	52.70 -0.72 0.00	48.55 -1.18 0.00	45.03 -1.66 0.00	43.48 -1.01 0.00	37.91 -0.61 0.00	35.79 -0.36 0.00
CHERRYST_13_KV_LD 356241	51.47 1.84 0.00	48.16 1.77 0.00	40.85 1.37 0.00	39.97 1.29 0.00	37.77 1.18 0.00	37.30 1.36 0.00	40.32 1.42 0.00	55.48 1.98 0.00	43.81 1.83 0.00	35.07 1.80 0.00	27.69 1.47 0.00	25.06 1.41 0.00	31.13 1.70 0.00	34.98 1.86 0.00	31.90 1.72 0.00	33.98 1.65 0.00	40.51 1.57 0.00	55.08 1.83 0.00	55.17 1.76 0.00	51.34 1.61 0.00	48.03 1.33 0.00	45.62 1.13 0.00	39.56 1.04 0.00	37.18 1.03 0.00

CHESTROR_138KV_BK263 355645	50.96 1.34 0.00	47.66 1.27 0.00	40.44 0.96 0.00	39.58 0.91 0.00	37.42 0.82 0.00	36.93 0.99 0.00	39.91 1.02 0.00	54.93 1.43 0.00	43.30 1.32 0.00	34.57 1.30 0.00	27.23 1.02 0.00	24.63 0.97 0.00	30.60 1.17 0.00	34.39 1.27 0.00	31.34 1.15 0.00	33.44 1.11 0.00	39.98 1.04 0.00	54.45 1.20 0.00	54.55 1.14 0.00	50.81 1.08 0.00	47.61 0.91 0.00	45.27 0.78 0.00	39.27 0.76 0.00	36.88 0.72 0.00
CH_MIDHUDSON___DRP 24192	51.07 1.44 0.00	47.79 1.40 0.00	40.57 1.09 0.00	39.70 1.03 0.00	37.53 0.93 0.00	37.00 1.06 0.00	40.01 1.11 0.00	54.99 1.49 0.00	43.36 1.39 0.00	34.63 1.36 0.00	27.28 1.07 0.00	24.66 1.00 0.00	30.64 1.22 0.00	34.46 1.35 0.00	31.43 1.24 0.00	33.55 1.23 0.00	40.13 1.19 0.00	54.65 1.40 0.00	54.72 1.31 0.00	50.97 1.24 0.00	47.78 1.09 0.00	45.44 0.95 0.00	39.38 0.86 0.00	36.97 0.82 0.00
CH_MISC_IPPS 23765	51.41 1.78 0.00	48.08 1.69 0.00	40.80 1.32 0.00	39.93 1.26 0.00	37.74 1.14 0.00	37.23 1.29 0.00	40.25 1.36 0.00	55.37 1.88 0.00	43.66 1.68 0.00	34.85 1.58 0.00	27.45 1.24 0.00	24.81 1.16 0.00	30.83 1.41 0.00	34.68 1.57 0.00	31.62 1.43 0.00	33.76 1.44 0.00	40.40 1.46 0.00	55.03 1.79 0.00	55.15 1.74 0.00	51.36 1.63 0.00	48.12 1.42 0.00	45.75 1.26 0.00	39.65 1.14 0.00	37.22 1.07 0.00
CH_RES_BVR_FALLS 23983	49.95 0.32 0.00	46.67 0.28 0.00	39.72 0.24 0.00	38.90 0.23 0.00	36.82 0.22 0.00	36.11 0.17 0.00	39.06 0.16 0.00	53.76 0.26 0.00	42.19 0.21 0.00	33.41 0.14 0.00	26.36 0.14 0.00	23.79 0.13 0.00	29.61 0.19 0.00	33.32 0.21 0.00	30.38 0.20 0.00	32.53 0.21 0.00	39.21 0.26 0.00	53.61 0.37 0.00	53.79 0.38 0.00	50.03 0.30 0.00	46.98 0.29 0.00	44.72 0.23 0.00	38.72 0.20 0.00	36.39 0.24 0.00
CH_RES_NIAGARA 23895	48.65 -0.98 0.00	44.99 -1.40 0.00	38.06 -1.42 0.00	37.42 -1.26 0.00	35.68 -0.92 0.00	34.86 -1.08 0.00	37.72 -1.18 0.00	52.03 -1.47 0.00	40.45 -1.52 0.00	32.27 -1.01 0.00	25.68 -0.53 0.00	22.98 -0.67 0.00	28.69 -0.74 0.00	32.14 -0.98 0.00	29.33 -0.86 0.00	31.43 -0.89 0.00	37.66 -1.28 0.00	50.43 -2.81 0.00	50.91 -2.51 0.00	46.99 -2.75 0.00	43.60 -3.09 0.00	42.25 -2.24 0.00	37.20 -1.31 0.00	35.20 -0.96 0.00
CH_RES_SYRACUSE 23985	49.03 -0.60 0.00	45.79 -0.59 0.00	38.99 -0.49 0.00	38.23 -0.44 0.00	36.18 -0.41 0.00	35.57 -0.37 0.00	38.52 -0.38 0.00	53.07 -0.42 0.00	41.57 -0.41 0.00	32.87 -0.40 0.00	25.84 -0.37 0.00	23.34 -0.31 0.00	28.99 -0.43 0.00	32.59 -0.52 0.00	29.71 -0.48 0.00	31.82 -0.51 0.00	38.45 -0.49 0.00	52.72 -0.53 0.00	52.97 -0.44 0.00	49.23 -0.50 0.00	46.22 -0.47 0.00	44.06 -0.43 0.00	38.12 -0.39 0.00	35.77 -0.39 0.00
CLINTON_WT_PWR 323605	50.75 1.12 0.00	47.36 0.97 0.00	40.32 0.84 0.00	39.48 0.81 0.00	37.42 0.83 0.00	36.63 0.69 0.00	39.52 0.63 0.00	54.38 0.88 0.00	42.76 0.78 0.00	33.88 0.61 0.00	26.76 0.54 0.00	24.15 0.50 0.00	30.09 0.66 0.00	33.81 0.69 0.00	30.84 0.65 0.00	33.03 0.71 0.00	39.69 0.75 0.00	54.19 0.95 0.00	54.41 1.00 0.00	50.65 0.92 0.00	47.43 0.73 0.00	45.10 0.61 0.00	39.12 0.61 0.00	36.96 0.80 0.00
CLINTON___LFGE 323618	51.31 1.68 0.00	47.84 1.46 0.00	40.78 1.30 0.00	39.91 1.25 0.00	37.85 1.25 0.00	37.04 1.10 0.00	39.88 0.99 0.00	54.83 1.33 0.00	43.19 1.21 0.00	34.29 1.02 0.00	27.06 0.85 0.00	24.42 0.76 0.00	30.37 0.95 0.00	34.10 0.99 0.00	31.16 0.98 0.00	33.37 1.05 0.00	39.98 1.04 0.00	54.54 1.30 0.00	54.79 1.38 0.00	51.02 1.29 0.00	47.75 1.05 0.00	45.37 0.88 0.00	39.38 0.86 0.00	37.33 1.18 0.00
COBBLENY_34_KV_TB1 80064	49.61 -0.02 0.00	45.91 -0.47 0.00	38.85 -0.63 0.00	38.19 -0.48 0.00	36.36 -0.24 0.00	35.60 -0.34 0.00	38.53 -0.36 0.00	53.23 -0.27 0.00	41.40 -0.58 0.00	32.91 -0.37 0.00	26.14 -0.08 0.00	23.42 -0.24 0.00	29.19 -0.24 0.00	32.68 -0.43 0.00	29.76 -0.42 0.00	31.89 -0.43 0.00	38.32 -0.62 0.00	51.78 -1.47 0.00	52.51 -0.90 0.00	48.50 -1.23 0.00	45.00 -1.69 0.00	43.46 -1.03 0.00	37.92 -0.60 0.00	35.82 -0.33 0.00
COFFEEN___115KV_TB3 355620	52.19 2.56 0.00	48.63 2.25 0.00	41.33 1.85 0.00	40.51 1.84 0.00	38.34 1.74 0.00	37.70 1.76 0.00	40.99 2.10 0.00	56.54 3.04 0.00	44.12 2.14 0.00	33.97 0.69 0.00	26.14 -0.07 0.00	23.54 -0.11 0.00	29.46 0.03 0.00	33.18 0.07 0.00	30.21 0.03 0.00	32.67 0.34 0.00	39.71 0.77 0.00	55.44 2.20 0.00	56.53 3.12 0.00	52.58 2.85 0.00	49.62 2.92 0.00	47.47 2.98 0.00	40.84 2.32 0.00	38.18 2.03 0.00
COLDSPRG_115KV_BK1 355956	50.82 1.19 0.00	47.04 0.65 0.00	39.83 0.35 0.00	39.17 0.50 0.00	37.18 0.59 0.00	36.50 0.56 0.00	39.53 0.64 0.00	54.82 1.32 0.00	42.66 0.68 0.00	33.86 0.59 0.00	26.79 0.58 0.00	24.04 0.38 0.00	29.82 0.40 0.00	33.36 0.25 0.00	30.31 0.13 0.00	32.43 0.10 0.00	39.00 0.06 0.00	52.71 -0.53 0.00	53.60 0.19 0.00	49.46 -0.27 0.00	45.87 -0.83 0.00	44.21 -0.27 0.00	38.49 -0.03 0.00	36.28 0.12 0.00
COLONIE_LFGE___ 323577	50.54 0.91 0.00	47.24 0.85 0.00	40.24 0.77 0.00	39.40 0.73 0.00	37.30 0.70 0.00	36.73 0.79 0.00	39.75 0.86 0.00	54.31 0.81 0.00	42.66 0.68 0.00	33.88 0.61 0.00	26.57 0.36 0.00	23.93 0.28 0.00	29.81 0.38 0.00	33.64 0.52 0.00	30.63 0.44 0.00	32.90 0.57 0.00	39.67 0.73 0.00	54.23 0.98 0.00	54.17 0.75 0.00	50.65 0.91 0.00	47.71 1.01 0.00	45.46 0.97 0.00	39.26 0.74 0.00	36.73 0.57 0.00
COOPERNY_115KV_TB1 80082	50.68 1.05 0.00	47.41 1.03 0.00	40.28 0.80 0.00	39.45 0.78 0.00	37.27 0.68 0.00	36.74 0.79 0.00	39.70 0.81 0.00	54.65 1.15 0.00	42.99 1.02 0.00	34.25 0.98 0.00	26.99 0.77 0.00	24.42 0.77 0.00	30.37 0.95 0.00	34.03 0.92 0.00	31.00 0.82 0.00	33.12 0.79 0.00	39.69 0.75 0.00	54.11 0.87 0.00	54.23 0.81 0.00	50.49 0.75 0.00	47.37 0.67 0.00	45.10 0.62 0.00	39.10 0.58 0.00	36.72 0.56 0.00
COPENHAGEN_WT_PWR 323753	51.60 1.97 0.00	48.14 1.75 0.00	40.92 1.44 0.00	40.11 1.44 0.00	37.95 1.35 0.00	37.31 1.36 0.00	40.53 1.63 0.00	55.86 2.37 0.00	43.63 1.65 0.00	33.76 0.49 0.00	26.09 -0.12 0.00	23.51 -0.14 0.00	29.41 -0.02 0.00	33.11 -0.01 0.00	30.15 -0.04 0.00	32.48 0.16 0.00	39.46 0.52 0.00	54.82 1.57 0.00	55.65 2.24 0.00	51.73 2.00 0.00	48.89 2.19 0.00	46.80 2.32 0.00	40.33 1.81 0.00	37.75 1.60 0.00
CORNELL_____ 23752	50.41 0.78 0.00	47.03 0.64 0.00	39.99 0.51 0.00	39.24 0.57 0.00	37.13 0.54 0.00	36.52 0.58 0.00	39.57 0.68 0.00	54.62 1.12 0.00	42.73 0.75 0.00	33.68 0.40 0.00	26.34 0.13 0.00	23.79 0.14 0.00	29.46 0.03 0.00	33.08 -0.03 0.00	30.10 -0.08 0.00	32.29 -0.03 0.00	39.13 0.18 0.00	53.90 0.66 0.00	54.50 1.08 0.00	50.63 0.90 0.00	47.46 0.77 0.00	45.25 0.77 0.00	39.14 0.63 0.00	36.72 0.56 0.00

CORONA_69_KV_TB1 355595	51.19 1.56 0.00	48.06 1.67 0.00	40.75 1.27 0.00	39.92 1.25 0.00	37.67 1.07 0.00	36.98 1.04 0.00	39.93 1.03 0.00	54.81 1.31 0.00	43.43 1.45 0.00	34.78 1.50 0.00	27.60 1.39 0.00	24.86 1.21 0.00	30.98 1.56 0.00	34.81 1.69 0.00	31.79 1.60 0.00	33.72 1.39 0.00	40.20 1.26 0.00	54.76 1.52 0.00	54.64 1.23 0.00	50.84 1.11 0.00	47.77 1.07 0.00	45.21 0.72 0.00	39.37 0.85 0.00	37.15 1.00 0.00
CORTLAND_115KV_TB3 80093	49.88 0.25 0.00	46.56 0.17 0.00	39.60 0.12 0.00	38.86 0.19 0.00	36.76 0.16 0.00	36.15 0.21 0.00	39.14 0.25 0.00	53.98 0.48 0.00	42.24 0.26 0.00	33.38 0.11 0.00	26.20 -0.02 0.00	23.65 0.00 0.00	29.34 -0.09 0.00	32.99 -0.12 0.00	30.03 -0.16 0.00	32.18 -0.15 0.00	38.89 -0.04 0.00	53.36 0.11 0.00	53.76 0.35 0.00	49.98 0.24 0.00	46.88 0.18 0.00	44.69 0.21 0.00	38.67 0.15 0.00	36.28 0.12 0.00
COXSACKIE___GT 23611	51.38 1.74 0.00	47.98 1.59 0.00	40.84 1.36 0.00	40.00 1.33 0.00	37.83 1.24 0.00	37.28 1.33 0.00	40.39 1.49 0.00	55.57 2.07 0.00	43.63 1.65 0.00	34.12 0.85 0.00	26.57 0.36 0.00	23.93 0.28 0.00	29.84 0.42 0.00	33.73 0.62 0.00	30.65 0.47 0.00	33.03 0.70 0.00	39.99 1.05 0.00	55.30 2.06 0.00	55.92 2.51 0.00	52.10 2.37 0.00	48.92 2.22 0.00	46.46 1.98 0.00	40.06 1.54 0.00	37.40 1.25 0.00
CPV_VALLEY___CC1 323721	50.89 1.26 0.00	47.61 1.23 0.00	40.40 0.92 0.00	39.54 0.87 0.00	37.37 0.78 0.00	36.89 0.95 0.00	39.87 0.97 0.00	54.85 1.35 0.00	43.24 1.27 0.00	34.55 1.28 0.00	27.24 1.03 0.00	24.63 0.98 0.00	30.60 1.17 0.00	34.40 1.28 0.00	31.34 1.16 0.00	33.44 1.11 0.00	39.96 1.01 0.00	54.37 1.12 0.00	54.45 1.04 0.00	50.72 0.99 0.00	47.53 0.83 0.00	45.19 0.70 0.00	39.20 0.69 0.00	36.83 0.67 0.00
CPV_VALLEY___CC2 323722	50.89 1.26 0.00	47.61 1.23 0.00	40.40 0.92 0.00	39.54 0.87 0.00	37.37 0.78 0.00	36.89 0.95 0.00	39.87 0.97 0.00	54.85 1.35 0.00	43.24 1.27 0.00	34.55 1.28 0.00	27.24 1.03 0.00	24.63 0.98 0.00	30.60 1.17 0.00	34.40 1.28 0.00	31.34 1.16 0.00	33.44 1.11 0.00	39.96 1.01 0.00	54.37 1.12 0.00	54.45 1.04 0.00	50.72 0.99 0.00	47.53 0.83 0.00	45.19 0.70 0.00	39.20 0.69 0.00	36.83 0.67 0.00
CRESCENT___HYD 24018	50.54 0.91 0.00	47.24 0.85 0.00	40.24 0.77 0.00	39.40 0.73 0.00	37.30 0.70 0.00	36.73 0.79 0.00	39.75 0.86 0.00	54.31 0.81 0.00	42.66 0.68 0.00	33.88 0.61 0.00	26.57 0.36 0.00	23.93 0.28 0.00	29.81 0.38 0.00	33.64 0.52 0.00	30.63 0.44 0.00	32.90 0.57 0.00	39.67 0.73 0.00	54.23 0.98 0.00	54.17 0.75 0.00	50.65 0.91 0.00	47.71 1.01 0.00	45.46 0.97 0.00	39.26 0.74 0.00	36.73 0.57 0.00
CRICKET___VALLEY_CC1 323756	50.36 0.72 0.00	47.13 0.75 0.00	40.02 0.54 0.00	39.16 0.49 0.00	37.01 0.41 0.00	36.50 0.56 0.00	39.44 0.54 0.00	54.17 0.67 0.00	42.74 0.76 0.00	34.17 0.90 0.00	26.95 0.74 0.00	24.36 0.71 0.00	30.27 0.85 0.00	34.05 0.93 0.00	31.03 0.85 0.00	33.11 0.79 0.00	39.54 0.59 0.00	53.79 0.55 0.00	53.85 0.44 0.00	50.16 0.44 0.00	47.03 0.34 0.00	44.72 0.23 0.00	38.80 0.28 0.00	36.45 0.29 0.00
CRICKET___VALLEY_CC2 323757	50.36 0.72 0.00	47.13 0.75 0.00	40.02 0.54 0.00	39.16 0.49 0.00	37.01 0.41 0.00	36.50 0.56 0.00	39.44 0.54 0.00	54.17 0.67 0.00	42.74 0.76 0.00	34.17 0.90 0.00	26.95 0.74 0.00	24.36 0.71 0.00	30.27 0.85 0.00	34.05 0.93 0.00	31.03 0.85 0.00	33.11 0.79 0.00	39.54 0.59 0.00	53.79 0.55 0.00	53.85 0.44 0.00	50.16 0.44 0.00	47.03 0.34 0.00	44.72 0.23 0.00	38.80 0.28 0.00	36.45 0.29 0.00
CRICKET___VALLEY_CC3 323758	50.36 0.72 0.00	47.13 0.75 0.00	40.02 0.54 0.00	39.16 0.49 0.00	37.01 0.41 0.00	36.50 0.56 0.00	39.44 0.54 0.00	54.17 0.67 0.00	42.74 0.76 0.00	34.17 0.90 0.00	26.95 0.74 0.00	24.36 0.71 0.00	30.27 0.85 0.00	34.05 0.93 0.00	31.03 0.85 0.00	33.11 0.79 0.00	39.54 0.59 0.00	53.79 0.55 0.00	53.85 0.44 0.00	50.16 0.44 0.00	47.03 0.34 0.00	44.72 0.23 0.00	38.80 0.28 0.00	36.45 0.29 0.00
CRUCIBLE_METL_DRP 24180	49.04 -0.60 0.00	45.79 -0.59 0.00	38.99 -0.49 0.00	38.23 -0.44 0.00	36.18 -0.42 0.00	35.57 -0.37 0.00	38.52 -0.38 0.00	53.07 -0.42 0.00	41.57 -0.41 0.00	32.87 -0.40 0.00	25.84 -0.37 0.00	23.34 -0.31 0.00	28.99 -0.43 0.00	32.59 -0.52 0.00	29.71 -0.48 0.00	31.82 -0.51 0.00	38.45 -0.49 0.00	52.72 -0.52 0.00	52.98 -0.44 0.00	49.23 -0.50 0.00	46.22 -0.47 0.00	44.06 -0.43 0.00	38.12 -0.39 0.00	35.77 -0.39 0.00
DAHOWA___HYDRO 323763	51.29 1.66 0.00	47.94 1.55 0.00	40.84 1.36 0.00	40.01 1.33 0.00	37.89 1.30 0.00	37.29 1.35 0.00	40.37 1.48 0.00	55.16 1.66 0.00	43.25 1.27 0.00	34.17 0.90 0.00	26.67 0.46 0.00	24.00 0.35 0.00	29.91 0.48 0.00	33.78 0.66 0.00	30.75 0.57 0.00	33.14 0.82 0.00	40.27 1.33 0.00	55.21 1.96 0.00	55.16 1.75 0.00	51.56 1.83 0.00	48.60 1.90 0.00	46.21 1.72 0.00	39.88 1.36 0.00	37.23 1.08 0.00
DANC___LFGE 323619	50.44 0.81 0.00	47.08 0.69 0.00	40.03 0.54 0.00	39.23 0.56 0.00	37.12 0.52 0.00	36.49 0.55 0.00	39.60 0.71 0.00	54.53 1.03 0.00	42.65 0.67 0.00	33.29 0.02 0.00	25.87 -0.34 0.00	23.33 -0.33 0.00	29.10 -0.33 0.00	32.75 -0.36 0.00	29.83 -0.36 0.00	32.08 -0.25 0.00	38.88 -0.06 0.00	53.74 0.50 0.00	54.36 0.95 0.00	50.55 0.82 0.00	47.69 0.99 0.00	45.61 1.12 0.00	39.34 0.82 0.00	36.85 0.69 0.00
DANSKAMMER___1 23586	51.41 1.78 0.00	48.08 1.69 0.00	40.80 1.32 0.00	39.93 1.26 0.00	37.74 1.14 0.00	37.23 1.29 0.00	40.25 1.36 0.00	55.37 1.88 0.00	43.66 1.68 0.00	34.85 1.58 0.00	27.45 1.24 0.00	24.81 1.16 0.00	30.83 1.41 0.00	34.68 1.57 0.00	31.62 1.43 0.00	33.76 1.44 0.00	40.40 1.46 0.00	55.03 1.79 0.00	55.15 1.74 0.00	51.36 1.63 0.00	48.12 1.42 0.00	45.75 1.26 0.00	39.65 1.14 0.00	37.22 1.07 0.00
DANSKAMMER___2 23589	51.41 1.78 0.00	48.08 1.69 0.00	40.80 1.32 0.00	39.93 1.26 0.00	37.74 1.14 0.00	37.23 1.29 0.00	40.25 1.36 0.00	55.37 1.88 0.00	43.66 1.68 0.00	34.85 1.58 0.00	27.45 1.24 0.00	24.81 1.16 0.00	30.83 1.41 0.00	34.68 1.57 0.00	31.62 1.43 0.00	33.76 1.44 0.00	40.40 1.46 0.00	55.03 1.79 0.00	55.15 1.74 0.00	51.36 1.63 0.00	48.12 1.42 0.00	45.75 1.26 0.00	39.65 1.14 0.00	37.22 1.07 0.00
DANSKAMMER___3 23590	51.41 1.78 0.00	48.08 1.69 0.00	40.80 1.32 0.00	39.93 1.26 0.00	37.74 1.14 0.00	37.23 1.29 0.00	40.25 1.36 0.00	55.37 1.88 0.00	43.66 1.68 0.00	34.85 1.58 0.00	27.45 1.24 0.00	24.81 1.16 0.00	30.83 1.41 0.00	34.68 1.57 0.00	31.62 1.43 0.00	33.76 1.44 0.00	40.40 1.46 0.00	55.03 1.79 0.00	55.15 1.74 0.00	51.36 1.63 0.00	48.12 1.42 0.00	45.75 1.26 0.00	39.65 1.14 0.00	37.22 1.07 0.00

DANSKAMMER___4 23591	51.41 1.78 0.00	48.08 1.69 0.00	40.80 1.32 0.00	39.93 1.26 0.00	37.74 1.14 0.00	37.23 1.29 0.00	40.25 1.36 0.00	55.37 1.88 0.00	43.66 1.68 0.00	34.85 1.58 0.00	27.45 1.24 0.00	24.81 1.16 0.00	30.83 1.41 0.00	34.68 1.57 0.00	31.62 1.43 0.00	33.76 1.44 0.00	40.40 1.46 0.00	55.03 1.79 0.00	55.15 1.74 0.00	51.36 1.63 0.00	48.12 1.42 0.00	45.75 1.26 0.00	39.65 1.14 0.00	37.22 1.07 0.00
DANSKAMMER___DIESEL 23592	51.41 1.78 0.00	48.08 1.69 0.00	40.80 1.32 0.00	39.93 1.26 0.00	37.74 1.15 0.00	37.24 1.29 0.00	40.25 1.36 0.00	55.38 1.88 0.00	43.68 1.70 0.00	34.86 1.59 0.00	27.45 1.24 0.00	24.81 1.16 0.00	30.83 1.41 0.00	34.68 1.57 0.00	31.62 1.44 0.00	33.76 1.44 0.00	40.41 1.46 0.00	55.04 1.80 0.00	55.16 1.74 0.00	51.36 1.63 0.00	48.12 1.42 0.00	45.75 1.26 0.00	39.65 1.14 0.00	37.22 1.07 0.00
DARBY___SOLAR 323810	51.12 1.49 0.00	47.79 1.40 0.00	40.71 1.23 0.00	39.86 1.19 0.00	37.76 1.17 0.00	37.15 1.21 0.00	40.22 1.33 0.00	54.95 1.45 0.00	43.09 1.12 0.00	34.06 0.79 0.00	26.61 0.39 0.00	23.94 0.29 0.00	29.82 0.40 0.00	33.68 0.56 0.00	30.66 0.48 0.00	33.04 0.71 0.00	40.10 1.16 0.00	54.96 1.71 0.00	54.92 1.50 0.00	51.32 1.59 0.00	48.36 1.66 0.00	46.02 1.53 0.00	39.72 1.20 0.00	37.11 0.96 0.00
DASHVILLE___HYD 23610	50.92 1.29 0.00	47.65 1.26 0.00	40.46 0.99 0.00	39.60 0.93 0.00	37.42 0.82 0.00	36.90 0.96 0.00	39.87 0.98 0.00	54.83 1.33 0.00	43.26 1.28 0.00	34.51 1.24 0.00	27.17 0.96 0.00	24.56 0.90 0.00	30.50 1.07 0.00	34.32 1.21 0.00	31.28 1.09 0.00	33.42 1.09 0.00	39.96 1.02 0.00	54.45 1.21 0.00	54.54 1.13 0.00	50.81 1.08 0.00	47.64 0.95 0.00	45.32 0.83 0.00	39.29 0.78 0.00	36.89 0.74 0.00
DELAWARE___LFGE 323621	50.58 0.95 0.00	47.33 0.94 0.00	40.27 0.79 0.00	39.47 0.80 0.00	37.30 0.70 0.00	36.68 0.74 0.00	39.65 0.75 0.00	54.61 1.11 0.00	42.89 0.91 0.00	34.06 0.79 0.00	26.82 0.61 0.00	24.20 0.55 0.00	30.04 0.62 0.00	33.84 0.72 0.00	30.80 0.62 0.00	32.94 0.61 0.00	39.65 0.71 0.00	54.13 0.88 0.00	54.25 0.83 0.00	50.45 0.72 0.00	47.38 0.68 0.00	45.14 0.65 0.00	39.09 0.57 0.00	36.68 0.53 0.00
DERFIELD_115KV_TB7 355931	49.66 0.03 0.00	46.43 0.05 0.00	39.52 0.04 0.00	38.71 0.04 0.00	36.63 0.04 0.00	36.00 0.06 0.00	38.96 0.07 0.00	53.55 0.05 0.00	42.02 0.04 0.00	33.30 0.03 0.00	26.20 -0.01 0.00	23.63 -0.02 0.00	29.40 -0.03 0.00	33.10 -0.01 0.00	30.18 -0.01 0.00	32.31 -0.01 0.00	38.94 0.00 0.00	53.24 -0.01 0.00	53.36 -0.05 0.00	49.71 -0.02 0.00	46.70 0.00 0.00	44.50 0.01 0.00	38.52 0.00 0.00	36.13 -0.03 0.00
DOGLEVILLE___HYD 23807	51.95 2.32 0.00	48.49 2.10 0.00	41.26 1.78 0.00	40.41 1.74 0.00	38.21 1.62 0.00	37.71 1.77 0.00	40.78 1.88 0.00	55.97 2.47 0.00	43.58 1.60 0.00	33.94 0.67 0.00	26.41 0.20 0.00	23.75 0.09 0.00	29.46 0.04 0.00	33.48 0.36 0.00	30.43 0.25 0.00	32.81 0.48 0.00	40.02 1.08 0.00	55.30 2.05 0.00	55.82 2.41 0.00	52.06 2.33 0.00	48.99 2.29 0.00	46.76 2.27 0.00	40.33 1.81 0.00	37.69 1.54 0.00
DUNKIRK__115KV_TB_200 55889	49.95 0.32 0.00	46.16 -0.22 0.00	39.06 -0.42 0.00	38.38 -0.29 0.00	36.43 -0.17 0.00	35.78 -0.16 0.00	38.73 -0.16 0.00	53.64 0.14 0.00	41.67 -0.30 0.00	33.11 -0.16 0.00	26.27 0.06 0.00	23.64 -0.02 0.00	29.36 -0.06 0.00	32.83 -0.29 0.00	29.89 -0.29 0.00	31.97 -0.36 0.00	38.41 -0.53 0.00	51.79 -1.45 0.00	52.62 -0.79 0.00	48.49 -1.24 0.00	44.98 -1.71 0.00	43.44 -1.05 0.00	37.87 -0.65 0.00	35.77 -0.38 0.00
DUNKIRK___1 23563	49.95 0.32 0.00	46.16 -0.22 0.00	39.06 -0.42 0.00	38.38 -0.29 0.00	36.43 -0.17 0.00	35.78 -0.16 0.00	38.73 -0.16 0.00	53.64 0.14 0.00	41.67 -0.30 0.00	33.11 -0.16 0.00	26.27 0.06 0.00	23.64 -0.02 0.00	29.36 -0.06 0.00	32.83 -0.29 0.00	29.89 -0.29 0.00	31.97 -0.36 0.00	38.41 -0.53 0.00	51.79 -1.45 0.00	52.62 -0.79 0.00	48.49 -1.24 0.00	44.98 -1.71 0.00	43.44 -1.05 0.00	37.87 -0.65 0.00	35.77 -0.38 0.00
DUNKIRK___2 23564	49.95 0.32 0.00	46.16 -0.22 0.00	39.06 -0.42 0.00	38.38 -0.29 0.00	36.43 -0.17 0.00	35.78 -0.16 0.00	38.73 -0.16 0.00	53.64 0.14 0.00	41.67 -0.30 0.00	33.11 -0.16 0.00	26.27 0.06 0.00	23.64 -0.02 0.00	29.36 -0.06 0.00	32.83 -0.29 0.00	29.89 -0.29 0.00	31.97 -0.36 0.00	38.41 -0.53 0.00	51.79 -1.45 0.00	52.62 -0.79 0.00	48.49 -1.24 0.00	44.98 -1.71 0.00	43.44 -1.05 0.00	37.87 -0.65 0.00	35.77 -0.38 0.00
DUNKIRK___3 23565	49.71 0.08 0.00	45.97 -0.42 0.00	38.90 -0.58 0.00	38.24 -0.43 0.00	36.32 -0.27 0.00	35.65 -0.29 0.00	38.57 -0.32 0.00	53.37 -0.13 0.00	41.48 -0.50 0.00	32.95 -0.32 0.00	26.15 -0.06 0.00	23.52 -0.13 0.00	29.25 -0.18 0.00	32.70 -0.41 0.00	29.78 -0.40 0.00	31.86 -0.47 0.00	38.29 -0.65 0.00	51.63 -1.61 0.00	52.41 -1.01 0.00	48.33 -1.40 0.00	44.86 -1.84 0.00	43.30 -1.18 0.00	37.77 -0.75 0.00	35.66 -0.49 0.00
DUNKIRK___4 23566	49.71 0.08 0.00	45.97 -0.42 0.00	38.90 -0.58 0.00	38.24 -0.43 0.00	36.32 -0.27 0.00	35.65 -0.29 0.00	38.57 -0.32 0.00	53.37 -0.13 0.00	41.48 -0.50 0.00	32.95 -0.32 0.00	26.15 -0.06 0.00	23.52 -0.13 0.00	29.25 -0.18 0.00	32.70 -0.41 0.00	29.78 -0.40 0.00	31.86 -0.47 0.00	38.29 -0.65 0.00	51.63 -1.61 0.00	52.41 -1.01 0.00	48.33 -1.40 0.00	44.86 -1.84 0.00	43.30 -1.18 0.00	37.77 -0.75 0.00	35.66 -0.49 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.19 1.55 0.00	47.90 1.51 0.00	40.64 1.16 0.00	39.77 1.10 0.00	37.58 0.99 0.00	37.07 1.13 0.00	40.06 1.17 0.00	55.11 1.61 0.00	43.50 1.52 0.00	34.80 1.53 0.00	27.48 1.27 0.00	24.85 1.20 0.00	30.87 1.44 0.00	34.70 1.59 0.00	31.63 1.45 0.00	33.72 1.39 0.00	40.21 1.26 0.00	54.68 1.44 0.00	54.77 1.36 0.00	51.01 1.28 0.00	47.77 1.08 0.00	45.39 0.90 0.00	39.36 0.84 0.00	36.99 0.84 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	51.18 1.55 0.00	47.88 1.49 0.00	40.64 1.15 0.00	39.76 1.09 0.00	37.59 0.99 0.00	37.08 1.14 0.00	40.09 1.19 0.00	55.17 1.67 0.00	43.51 1.53 0.00	34.73 1.46 0.00	27.35 1.14 0.00	24.73 1.08 0.00	30.72 1.29 0.00	34.55 1.43 0.00	31.49 1.30 0.00	33.60 1.27 0.00	40.18 1.24 0.00	54.74 1.50 0.00	54.85 1.43 0.00	51.08 1.35 0.00	47.87 1.17 0.00	45.52 1.03 0.00	39.46 0.95 0.00	37.06 0.91 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	42.17 1.29 8.74	36.15 1.26 11.50	36.11 0.92 4.29	35.98 0.85 3.55	36.56 0.83 0.86	37.12 1.18 0.00	40.09 1.19 0.00	55.23 1.73 0.00	43.62 1.64 0.00	34.95 1.68 0.00	27.56 1.35 0.00	24.92 1.27 0.00	30.96 1.53 0.00	34.78 1.67 0.00	31.72 1.54 0.00	33.78 1.45 0.00	40.27 1.32 0.00	54.75 1.51 0.00	54.97 1.56 0.00	51.17 1.44 0.00	47.86 1.16 0.00	45.46 0.98 0.00	39.44 0.92 0.00	37.08 0.93 0.00

E179THST_13_KV_LOAD 356214	42.36 1.48 8.74	36.30 1.42 11.50	36.26 1.07 4.29	36.11 0.99 3.55	36.68 0.95 0.86	37.24 1.30 0.00	40.23 1.34 0.00	55.44 1.94 0.00	43.78 1.80 0.00	35.09 1.82 0.00	27.68 1.47 0.00	25.03 1.38 0.00	31.09 1.66 0.00	34.94 1.83 0.00	31.86 1.68 0.00	33.92 1.60 0.00	40.45 1.51 0.00	55.00 1.76 0.00	55.23 1.81 0.00	51.39 1.66 0.00	48.07 1.37 0.00	45.66 1.17 0.00	39.61 1.09 0.00	37.23 1.08 0.00
EAST HAMPTON___GT 23717	51.56 1.93 0.00	48.63 2.25 0.00	41.28 1.80 0.00	40.63 1.96 0.00	38.12 1.52 0.00	37.21 1.27 0.00	40.64 1.74 0.00	55.59 2.13 0.04	44.19 2.21 0.00	34.83 1.56 0.00	27.61 1.40 0.00	24.79 1.13 0.00	31.15 1.72 0.00	34.93 1.82 0.00	32.18 1.99 0.00	34.24 1.91 0.00	41.04 2.10 0.00	56.14 2.90 0.00	53.29 1.94 2.07	48.28 1.61 3.06	47.82 1.12 0.00	38.71 0.89 6.66	38.81 0.51 0.21	36.26 0.11 0.00
EAST RIVER___6 23660	51.34 1.71 0.00	48.06 1.68 0.00	40.75 1.27 0.00	39.86 1.19 0.00	37.64 1.05 0.00	37.18 1.24 0.00	40.23 1.34 0.00	55.33 1.83 0.00	43.68 1.70 0.00	34.99 1.72 0.00	27.61 1.40 0.00	24.97 1.32 0.00	31.01 1.59 0.00	34.84 1.73 0.00	31.81 1.62 0.00	33.91 1.58 0.00	40.41 1.47 0.00	54.93 1.69 0.00	55.00 1.59 0.00	51.13 1.40 0.00	47.83 1.13 0.00	45.43 0.94 0.00	39.39 0.87 0.00	37.02 0.87 0.00
EAST RIVER___7 23524	51.34 1.71 0.00	48.06 1.68 0.00	40.75 1.27 0.00	39.86 1.19 0.00	37.64 1.05 0.00	37.18 1.24 0.00	40.23 1.34 0.00	55.33 1.83 0.00	43.68 1.70 0.00	34.99 1.72 0.00	27.61 1.40 0.00	24.97 1.32 0.00	31.01 1.59 0.00	34.84 1.73 0.00	31.81 1.62 0.00	33.91 1.58 0.00	40.41 1.47 0.00	54.93 1.69 0.00	55.00 1.59 0.00	51.13 1.40 0.00	47.83 1.13 0.00	45.43 0.94 0.00	39.39 0.87 0.00	37.02 0.87 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	51.11 1.48 0.00	47.83 1.44 0.00	40.58 1.09 0.00	39.72 1.05 0.00	37.54 0.94 0.00	37.02 1.08 0.00	40.01 1.12 0.00	55.05 1.56 0.00	43.44 1.46 0.00	34.75 1.48 0.00	27.43 1.22 0.00	24.80 1.15 0.00	30.81 1.39 0.00	34.64 1.52 0.00	31.58 1.39 0.00	33.66 1.33 0.00	40.16 1.22 0.00	54.63 1.38 0.00	54.70 1.28 0.00	50.94 1.21 0.00	47.70 1.01 0.00	45.33 0.84 0.00	39.31 0.80 0.00	36.95 0.80 0.00
EAST_HAMPTON___DIESEL 23722	51.56 1.93 0.00	48.63 2.25 0.00	41.29 1.81 0.00	40.64 1.96 0.00	38.11 1.51 0.00	37.20 1.26 0.00	40.64 1.74 0.00	55.59 2.12 0.04	44.18 2.21 0.00	34.82 1.55 0.00	27.60 1.39 0.00	24.78 1.13 0.00	31.14 1.71 0.00	34.91 1.80 0.00	32.18 1.99 0.00	34.24 1.91 0.00	41.04 2.10 0.00	56.16 2.92 0.00	53.29 1.95 2.07	48.28 1.61 3.06	47.77 1.08 0.00	38.70 0.88 6.66	38.77 0.46 0.21	36.19 0.03 0.00
EAST_POINT___SOLAR 323840	51.40 1.77 0.00	48.00 1.61 0.00	40.85 1.36 0.00	40.01 1.33 0.00	37.85 1.26 0.00	37.20 1.26 0.00	40.31 1.41 0.00	55.66 2.16 0.00	43.43 1.45 0.00	33.73 0.46 0.00	25.94 -0.28 0.00	23.29 -0.36 0.00	29.05 -0.38 0.00	32.81 -0.30 0.00	29.71 -0.47 0.00	31.97 -0.36 0.00	39.13 0.18 0.00	55.03 1.79 0.00	55.65 2.24 0.00	51.84 2.11 0.00	48.64 1.94 0.00	46.29 1.80 0.00	39.98 1.46 0.00	37.46 1.31 0.00
EAST_PULASKI___ESR 323781	49.30 -0.33 0.00	46.03 -0.36 0.00	39.15 -0.33 0.00	38.37 -0.30 0.00	36.32 -0.28 0.00	35.71 -0.23 0.00	38.70 -0.19 0.00	53.26 -0.24 0.00	41.72 -0.26 0.00	32.85 -0.42 0.00	25.69 -0.52 0.00	23.17 -0.48 0.00	28.84 -0.58 0.00	32.44 -0.68 0.00	29.54 -0.64 0.00	31.69 -0.64 0.00	38.33 -0.61 0.00	52.72 -0.53 0.00	53.13 -0.28 0.00	49.45 -0.28 0.00	46.53 -0.17 0.00	44.44 -0.05 0.00	38.39 -0.13 0.00	35.97 -0.19 0.00
EAST_RIVER___1 323558	51.37 1.74 0.00	48.06 1.68 0.00	40.75 1.27 0.00	39.87 1.20 0.00	37.68 1.08 0.00	37.22 1.27 0.00	40.22 1.33 0.00	55.35 1.85 0.00	43.69 1.72 0.00	34.99 1.72 0.00	27.61 1.40 0.00	24.99 1.34 0.00	31.04 1.62 0.00	34.88 1.77 0.00	31.81 1.63 0.00	33.89 1.56 0.00	40.39 1.45 0.00	54.92 1.68 0.00	55.03 1.61 0.00	51.21 1.48 0.00	47.92 1.23 0.00	45.51 1.02 0.00	39.46 0.95 0.00	37.10 0.94 0.00
EAST_RIVER___2 323559	51.34 1.71 0.00	48.06 1.68 0.00	40.75 1.27 0.00	39.86 1.19 0.00	37.64 1.05 0.00	37.18 1.24 0.00	40.23 1.34 0.00	55.33 1.83 0.00	43.68 1.70 0.00	34.99 1.72 0.00	27.61 1.40 0.00	24.97 1.32 0.00	31.01 1.59 0.00	34.84 1.73 0.00	31.81 1.62 0.00	33.91 1.58 0.00	40.41 1.47 0.00	54.93 1.69 0.00	55.00 1.59 0.00	51.13 1.40 0.00	47.83 1.13 0.00	45.43 0.94 0.00	39.39 0.87 0.00	37.02 0.87 0.00
EAST___DELAWARE_HYD 23607	50.58 0.94 0.00	47.29 0.90 0.00	40.13 0.65 0.00	39.29 0.62 0.00	37.13 0.54 0.00	36.63 0.68 0.00	39.60 0.71 0.00	54.55 1.06 0.00	42.98 1.00 0.00	34.18 0.91 0.00	26.85 0.64 0.00	24.27 0.62 0.00	30.05 0.62 0.00	33.05 -0.06 0.00	30.10 -0.08 0.00	32.13 -0.19 0.00	38.58 -0.36 0.00	52.71 -0.54 0.00	52.94 -0.48 0.00	49.31 -0.42 0.00	46.38 -0.32 0.00	45.12 0.63 0.00	39.08 0.56 0.00	36.64 0.49 0.00
EIGHT_POINT___WT_PWR 323820	50.32 0.68 0.00	46.72 0.33 0.00	39.59 0.11 0.00	38.91 0.24 0.00	36.93 0.33 0.00	36.24 0.30 0.00	39.33 0.44 0.00	54.35 0.85 0.00	42.22 0.24 0.00	33.12 -0.15 0.00	26.06 -0.15 0.00	23.41 -0.25 0.00	29.04 -0.39 0.00	32.45 -0.66 0.00	29.52 -0.66 0.00	31.51 -0.82 0.00	38.20 -0.74 0.00	52.54 -0.70 0.00	53.55 0.14 0.00	49.50 -0.23 0.00	45.99 -0.70 0.00	44.15 -0.34 0.00	38.25 -0.26 0.00	36.06 -0.09 0.00
ELBRIDGE_115KV_TB2 80188	48.78 -0.85 0.00	45.56 -0.83 0.00	38.82 -0.66 0.00	38.07 -0.61 0.00	36.03 -0.57 0.00	35.42 -0.53 0.00	38.33 -0.57 0.00	52.82 -0.68 0.00	41.36 -0.62 0.00	32.71 -0.56 0.00	25.72 -0.49 0.00	23.22 -0.43 0.00	28.84 -0.58 0.00	32.38 -0.73 0.00	29.53 -0.65 0.00	31.60 -0.73 0.00	38.20 -0.74 0.00	52.38 -0.86 0.00	52.67 -0.74 0.00	48.91 -0.82 0.00	45.94 -0.75 0.00	43.81 -0.68 0.00	37.92 -0.59 0.00	35.58 -0.57 0.00
ELEC_TRO_TEK 24086	50.90 1.27 0.00	47.80 1.42 0.00	40.56 1.08 0.00	39.73 1.06 0.00	37.48 0.89 0.00	36.79 0.85 0.00	39.73 0.84 0.00	54.56 1.06 0.01	43.23 1.26 0.00	34.62 1.35 0.00	27.46 1.24 0.00	24.73 1.08 0.00	30.83 1.41 0.00	34.63 1.52 0.00	31.62 1.43 0.00	33.54 1.21 0.00	39.99 1.05 0.00	54.48 1.23 0.00	53.98 0.89 0.33	50.06 0.82 0.49	47.49 0.79 0.00	43.90 0.48 1.06	39.11 0.63 0.03	36.94 0.79 0.00
ELLENBURG_WT_PWR 323604	50.75 1.12 0.00	47.36 0.97 0.00	40.32 0.84 0.00	39.48 0.81 0.00	37.42 0.83 0.00	36.63 0.69 0.00	39.52 0.63 0.00	54.38 0.88 0.00	42.76 0.78 0.00	33.88 0.61 0.00	26.76 0.54 0.00	24.15 0.50 0.00	30.09 0.66 0.00	33.81 0.69 0.00	30.84 0.65 0.00	33.03 0.71 0.00	39.69 0.75 0.00	54.19 0.95 0.00	54.41 1.00 0.00	50.65 0.92 0.00	47.43 0.73 0.00	45.10 0.61 0.00	39.12 0.61 0.00	36.96 0.80 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	49.34 -0.29 0.00	45.65 -0.73 0.00	38.63 -0.85 0.00	37.97 -0.70 0.00	36.16 -0.43 0.00	35.39 -0.55 0.00	38.30 -0.60 0.00	52.86 -0.64 0.00	41.11 -0.87 0.00	32.70 -0.57 0.00	26.00 -0.21 0.00	23.30 -0.35 0.00	29.06 -0.37 0.00	32.54 -0.57 0.00	29.66 -0.53 0.00	31.77 -0.56 0.00	38.13 -0.81 0.00	51.42 -1.82 0.00	52.08 -1.34 0.00	48.07 -1.66 0.00	44.61 -2.09 0.00	43.10 -1.39 0.00	37.67 -0.84 0.00	35.61 -0.54 0.00
EMPIRE_CC_1 323656	49.63 0.00 0.00	46.41 0.02 0.00	39.54 0.06 0.00	38.72 0.05 0.00	36.67 0.08 0.00	36.15 0.21 0.00	39.07 0.17 0.00	53.31 -0.19 0.00	41.91 -0.07 0.00	33.40 0.13 0.00	26.28 0.07 0.00	23.71 0.06 0.00	29.47 0.05 0.00	33.23 0.11 0.00	30.27 0.09 0.00	32.45 0.13 0.00	38.97 0.02 0.00	53.15 -0.10 0.00	53.01 -0.40 0.00	49.60 -0.13 0.00	46.78 0.08 0.00	44.59 0.10 0.00	38.54 0.02 0.00	36.07 -0.09 0.00
EMPIRE_CC_2 323658	49.63 0.00 0.00	46.41 0.02 0.00	39.54 0.06 0.00	38.72 0.05 0.00	36.67 0.08 0.00	36.15 0.21 0.00	39.07 0.17 0.00	53.31 -0.19 0.00	41.91 -0.07 0.00	33.40 0.13 0.00	26.28 0.07 0.00	23.71 0.06 0.00	29.47 0.05 0.00	33.23 0.11 0.00	30.27 0.09 0.00	32.45 0.13 0.00	38.97 0.02 0.00	53.15 -0.10 0.00	53.01 -0.40 0.00	49.60 -0.13 0.00	46.78 0.08 0.00	44.59 0.10 0.00	38.54 0.02 0.00	36.07 -0.09 0.00
ENORWICH_115KV_TB1 80156	52.49 2.86 0.00	48.92 2.53 0.00	41.45 1.97 0.00	40.82 2.15 0.00	38.62 2.02 0.00	38.04 2.10 0.00	41.30 2.40 0.00	57.06 3.56 0.00	44.58 2.60 0.00	34.99 1.72 0.00	27.37 1.16 0.00	24.71 1.06 0.00	30.46 1.03 0.00	34.24 1.13 0.00	31.13 0.94 0.00	33.43 1.11 0.00	40.73 1.79 0.00	56.54 3.30 0.00	57.14 3.72 0.00	52.74 3.01 0.00	49.48 2.79 0.00	47.09 2.60 0.00	40.69 2.18 0.00	38.03 1.88 0.00
ERIE_ST__34_KV_TB1-2 80199	49.53 -0.10 0.00	45.86 -0.52 0.00	38.80 -0.68 0.00	38.14 -0.53 0.00	36.33 -0.27 0.00	35.56 -0.38 0.00	38.50 -0.40 0.00	53.14 -0.36 0.00	41.34 -0.64 0.00	32.85 -0.41 0.00	26.07 -0.14 0.00	23.38 -0.27 0.00	29.13 -0.29 0.00	32.62 -0.49 0.00	29.71 -0.48 0.00	31.85 -0.48 0.00	38.25 -0.70 0.00	51.68 -1.57 0.00	52.38 -1.04 0.00	48.37 -1.36 0.00	44.92 -1.78 0.00	43.34 -1.15 0.00	37.82 -0.70 0.00	35.72 -0.43 0.00
ERIE_WT_PWR 323693	48.59 -0.05 1.00	44.92 -0.51 0.95	37.96 -0.65 0.87	37.00 -0.50 1.17	35.23 -0.22 1.14	34.79 -0.38 0.77	37.36 -0.41 1.12	51.91 -0.35 1.23	39.43 -0.63 1.92	31.46 -0.43 1.38	25.66 -0.13 0.43	23.37 -0.28 0.00	29.14 -0.28 0.00	32.51 -0.48 0.12	29.67 -0.44 0.08	31.25 -0.46 0.61	37.46 -0.67 0.81	51.47 -1.55 0.22	52.36 -1.06 0.00	48.35 -1.38 0.00	44.86 -1.84 0.00	43.31 -1.18 0.00	37.80 -0.71 0.00	35.75 -0.40 0.00
ESPRGFLD_115KV_TB1 80157	50.71 1.09 0.00	47.40 1.02 0.00	40.32 0.84 0.00	39.53 0.86 0.00	37.38 0.79 0.00	36.72 0.78 0.00	39.73 0.83 0.00	54.93 1.43 0.00	43.08 1.10 0.00	34.07 0.80 0.00	26.82 0.61 0.00	24.22 0.57 0.00	30.09 0.67 0.00	33.79 0.67 0.00	30.66 0.48 0.00	32.79 0.46 0.00	39.60 0.66 0.00	54.40 1.16 0.00	54.67 1.26 0.00	50.79 1.07 0.00	47.61 0.92 0.00	45.38 0.89 0.00	39.29 0.77 0.00	36.89 0.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	50.24 0.61 0.00	46.89 0.50 0.00	39.88 0.40 0.00	39.13 0.46 0.00	37.02 0.43 0.00	36.41 0.47 0.00	39.45 0.55 0.00	54.44 0.94 0.00	42.58 0.60 0.00	33.58 0.31 0.00	26.28 0.07 0.00	23.75 0.09 0.00	29.41 -0.01 0.00	33.03 -0.09 0.00	30.05 -0.13 0.00	32.24 -0.09 0.00	39.04 0.10 0.00	53.75 0.51 0.00	54.29 0.88 0.00	50.43 0.70 0.00	47.30 0.60 0.00	45.10 0.61 0.00	39.00 0.49 0.00	36.60 0.44 0.00
ETNA____115KV_TB2 80207	50.24 0.61 0.00	46.89 0.50 0.00	39.88 0.40 0.00	39.13 0.46 0.00	37.02 0.43 0.00	36.41 0.47 0.00	39.45 0.55 0.00	54.44 0.94 0.00	42.58 0.60 0.00	33.58 0.31 0.00	26.28 0.07 0.00	23.75 0.09 0.00	29.41 -0.01 0.00	33.03 -0.09 0.00	30.05 -0.13 0.00	32.24 -0.09 0.00	39.04 0.10 0.00	53.75 0.51 0.00	54.29 0.88 0.00	50.43 0.70 0.00	47.30 0.60 0.00	45.10 0.61 0.00	39.00 0.49 0.00	36.60 0.44 0.00
EUCLID__115KV_TB2 356179	48.59 -1.04 0.00	45.39 -1.00 0.00	38.61 -0.87 0.00	37.85 -0.82 0.00	35.82 -0.77 0.00	35.21 -0.74 0.00	38.12 -0.77 0.00	52.49 -1.01 0.00	41.14 -0.84 0.00	32.56 -0.71 0.00	25.63 -0.58 0.00	23.13 -0.52 0.00	28.74 -0.68 0.00	32.33 -0.78 0.00	29.45 -0.73 0.00	31.56 -0.77 0.00	38.08 -0.87 0.00	52.12 -1.13 0.00	52.35 -1.06 0.00	48.70 -1.03 0.00	45.72 -0.98 0.00	43.60 -0.89 0.00	37.74 -0.78 0.00	35.40 -0.75 0.00
E_CANADA_CAP_HY 24051	50.54 0.91 0.00	47.23 0.84 0.00	40.20 0.72 0.00	39.38 0.71 0.00	37.27 0.67 0.00	36.58 0.64 0.00	39.59 0.70 0.00	54.71 1.21 0.00	42.81 0.83 0.00	33.66 0.39 0.00	26.37 0.16 0.00	23.78 0.13 0.00	29.61 0.18 0.00	33.30 0.19 0.00	30.21 0.03 0.00	32.35 0.03 0.00	39.21 0.27 0.00	54.04 0.80 0.00	54.42 1.01 0.00	50.66 0.93 0.00	47.53 0.83 0.00	45.35 0.86 0.00	39.24 0.73 0.00	36.83 0.68 0.00
E_CANADA_MHWK_HY 24050	51.95 2.32 0.00	48.50 2.11 0.00	41.26 1.78 0.00	40.41 1.74 0.00	38.21 1.62 0.00	37.71 1.77 0.00	40.78 1.88 0.00	55.97 2.47 0.00	43.58 1.60 0.00	33.94 0.67 0.00	26.41 0.20 0.00	23.75 0.09 0.00	29.46 0.04 0.00	33.48 0.36 0.00	30.43 0.25 0.00	32.81 0.48 0.00	40.02 1.08 0.00	55.29 2.05 0.00	55.82 2.41 0.00	52.06 2.33 0.00	48.99 2.29 0.00	46.76 2.27 0.00	40.33 1.81 0.00	37.69 1.54 0.00
E_FISHKILL__LBMP 23776	50.82 1.19 0.00	47.56 1.18 0.00	40.38 0.89 0.00	39.52 0.85 0.00	37.35 0.75 0.00	36.83 0.89 0.00	39.79 0.90 0.00	54.70 1.20 0.00	43.15 1.17 0.00	34.49 1.22 0.00	27.20 0.99 0.00	24.59 0.94 0.00	30.56 1.13 0.00	34.36 1.24 0.00	31.32 1.14 0.00	33.42 1.09 0.00	39.91 0.97 0.00	54.29 1.05 0.00	54.35 0.93 0.00	50.62 0.89 0.00	47.45 0.76 0.00	45.12 0.64 0.00	39.13 0.62 0.00	36.76 0.61 0.00
FALCON__SEABRD_CC1 323796	51.00 1.37 0.00	47.57 1.18 0.00	40.58 1.10 0.00	39.72 1.04 0.00	37.66 1.06 0.00	36.85 0.91 0.00	39.57 0.68 0.00	54.36 0.86 0.00	42.83 0.85 0.00	34.08 0.81 0.00	26.89 0.68 0.00	24.27 0.62 0.00	30.23 0.81 0.00	33.97 0.86 0.00	30.96 0.78 0.00	33.07 0.75 0.00	39.49 0.55 0.00	53.69 0.45 0.00	53.86 0.44 0.00	50.17 0.44 0.00	46.97 0.27 0.00	44.66 0.17 0.00	38.86 0.35 0.00	37.05 0.90 0.00
FALCON__SEABRD_CC2 323797	51.00 1.37 0.00	47.57 1.18 0.00	40.58 1.10 0.00	39.72 1.04 0.00	37.66 1.06 0.00	36.85 0.91 0.00	39.57 0.68 0.00	54.36 0.86 0.00	42.83 0.85 0.00	34.08 0.81 0.00	26.89 0.68 0.00	24.27 0.62 0.00	30.23 0.81 0.00	33.97 0.86 0.00	30.96 0.78 0.00	33.07 0.75 0.00	39.49 0.55 0.00	53.69 0.45 0.00	53.86 0.44 0.00	50.17 0.44 0.00	46.97 0.27 0.00	44.66 0.17 0.00	38.86 0.35 0.00	37.05 0.90 0.00

FAR ROCKAWAY___4 23548	51.51 1.88 0.00	48.35 1.96 0.00	41.00 1.52 0.00	40.15 1.48 0.00	37.88 1.29 0.00	37.18 1.24 0.00	40.15 1.26 0.00	55.13 1.63 0.00	43.68 1.70 0.00	34.98 1.71 0.00	27.77 1.56 0.00	25.00 1.34 0.00	31.16 1.73 0.00	35.02 1.91 0.00	32.00 1.81 0.00	33.92 1.60 0.00	40.47 1.52 0.00	55.17 1.92 0.00	55.05 1.63 0.00	51.20 1.47 0.00	48.12 1.42 0.00	45.51 1.02 0.00	39.62 1.10 0.00	37.39 1.23 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.37 1.74 0.00	48.06 1.67 0.00	40.74 1.27 0.00	39.88 1.21 0.00	37.69 1.10 0.00	37.21 1.27 0.00	40.22 1.32 0.00	55.36 1.86 0.00	43.70 1.72 0.00	34.99 1.72 0.00	27.62 1.41 0.00	24.99 1.34 0.00	31.04 1.61 0.00	34.88 1.77 0.00	31.81 1.62 0.00	33.89 1.56 0.00	40.39 1.45 0.00	54.92 1.68 0.00	55.03 1.62 0.00	51.24 1.51 0.00	47.94 1.24 0.00	45.53 1.04 0.00	39.48 0.96 0.00	37.12 0.96 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.37 1.74 0.00	48.06 1.68 0.00	40.76 1.28 0.00	39.88 1.21 0.00	37.70 1.10 0.00	37.22 1.28 0.00	40.22 1.33 0.00	55.37 1.87 0.00	43.71 1.73 0.00	35.00 1.73 0.00	27.62 1.41 0.00	24.99 1.34 0.00	31.04 1.61 0.00	34.87 1.76 0.00	31.81 1.62 0.00	33.89 1.56 0.00	40.39 1.45 0.00	54.92 1.68 0.00	55.04 1.62 0.00	51.24 1.51 0.00	47.94 1.24 0.00	45.54 1.06 0.00	39.48 0.97 0.00	37.13 0.98 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.33 1.70 0.00	48.02 1.63 0.00	40.73 1.25 0.00	39.85 1.18 0.00	37.67 1.07 0.00	37.20 1.25 0.00	40.20 1.30 0.00	55.32 1.82 0.00	43.68 1.70 0.00	34.97 1.70 0.00	27.60 1.39 0.00	24.97 1.32 0.00	31.02 1.59 0.00	34.85 1.74 0.00	31.78 1.60 0.00	33.87 1.54 0.00	40.36 1.42 0.00	54.89 1.64 0.00	54.99 1.58 0.00	51.19 1.46 0.00	47.90 1.20 0.00	45.50 1.02 0.00	39.46 0.94 0.00	37.10 0.94 0.00
FARRAGUT___LBMP 323566	51.32 1.69 0.00	48.01 1.63 0.00	40.70 1.23 0.00	39.84 1.17 0.00	37.66 1.06 0.00	37.18 1.24 0.00	40.18 1.28 0.00	55.30 1.80 0.00	43.65 1.68 0.00	34.95 1.68 0.00	27.59 1.38 0.00	24.96 1.31 0.00	31.01 1.58 0.00	34.84 1.72 0.00	31.77 1.59 0.00	33.84 1.52 0.00	40.34 1.39 0.00	54.84 1.60 0.00	54.96 1.55 0.00	51.16 1.43 0.00	47.88 1.18 0.00	45.48 0.99 0.00	39.43 0.91 0.00	37.07 0.92 0.00
FENNER___WINDPWR 24204	50.52 0.89 0.00	47.16 0.77 0.00	40.15 0.67 0.00	39.42 0.75 0.00	37.30 0.70 0.00	36.69 0.75 0.00	39.75 0.85 0.00	54.78 1.28 0.00	42.89 0.91 0.00	33.78 0.51 0.00	26.46 0.25 0.00	23.83 0.18 0.00	29.61 0.18 0.00	33.33 0.22 0.00	30.40 0.22 0.00	32.55 0.22 0.00	39.35 0.40 0.00	54.14 0.90 0.00	54.52 1.10 0.00	50.68 0.95 0.00	47.61 0.91 0.00	45.40 0.91 0.00	39.26 0.74 0.00	36.79 0.64 0.00
FIBERTEK___ENERGY 23856	49.04 -0.60 0.00	45.79 -0.59 0.00	38.99 -0.49 0.00	38.23 -0.44 0.00	36.18 -0.42 0.00	35.57 -0.37 0.00	38.52 -0.38 0.00	53.07 -0.42 0.00	41.57 -0.41 0.00	32.87 -0.40 0.00	25.84 -0.37 0.00	23.34 -0.31 0.00	28.99 -0.43 0.00	32.59 -0.52 0.00	29.71 -0.48 0.00	31.82 -0.51 0.00	38.45 -0.49 0.00	52.72 -0.52 0.00	52.98 -0.44 0.00	49.23 -0.50 0.00	46.22 -0.47 0.00	44.06 -0.43 0.00	38.12 -0.39 0.00	35.77 -0.39 0.00
FITZPATRICK___ 23598	47.93 -1.70 0.00	44.79 -1.60 0.00	38.12 -1.36 0.00	37.35 -1.32 0.00	35.36 -1.24 0.00	34.73 -1.21 0.00	37.61 -1.28 0.00	51.76 -1.74 0.00	40.59 -1.39 0.00	32.13 -1.14 0.00	25.30 -0.91 0.00	22.84 -0.81 0.00	28.38 -1.05 0.00	31.91 -1.20 0.00	29.09 -1.10 0.00	31.15 -1.17 0.00	37.58 -1.36 0.00	51.40 -1.85 0.00	51.61 -1.81 0.00	48.01 -1.72 0.00	45.10 -1.60 0.00	43.00 -1.49 0.00	37.22 -1.29 0.00	34.92 -1.23 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.47 1.84 0.00	48.14 1.76 0.00	40.87 1.39 0.00	40.00 1.33 0.00	37.81 1.21 0.00	37.28 1.34 0.00	40.32 1.42 0.00	55.46 1.97 0.00	43.73 1.76 0.00	34.91 1.64 0.00	27.50 1.29 0.00	24.85 1.20 0.00	30.89 1.46 0.00	34.74 1.63 0.00	31.67 1.49 0.00	33.83 1.50 0.00	40.48 1.54 0.00	55.15 1.91 0.00	55.26 1.85 0.00	51.46 1.73 0.00	48.21 1.52 0.00	45.83 1.34 0.00	39.72 1.20 0.00	37.28 1.13 0.00
FORT ORANGE___ 23900	49.72 0.08 0.00	46.49 0.10 0.00	39.60 0.12 0.00	38.77 0.10 0.00	36.68 0.09 0.00	36.13 0.19 0.00	39.08 0.18 0.00	53.50 0.00 0.00	42.05 0.07 0.00	33.34 0.07 0.00	26.20 -0.01 0.00	23.63 -0.02 0.00	29.40 -0.03 0.00	33.14 0.03 0.00	30.23 0.04 0.00	32.40 0.07 0.00	38.94 0.00 0.00	53.32 0.08 0.00	53.38 -0.03 0.00	49.85 0.12 0.00	46.92 0.22 0.00	44.65 0.16 0.00	38.59 0.08 0.00	36.14 -0.01 0.00
FORT_DRUM_COGEN 23780	51.95 2.32 0.00	48.45 2.06 0.00	41.17 1.69 0.00	40.36 1.69 0.00	38.18 1.59 0.00	37.54 1.60 0.00	40.78 1.89 0.00	56.23 2.74 0.00	43.90 1.92 0.00	33.91 0.64 0.00	26.18 -0.04 0.00	23.58 -0.07 0.00	29.51 0.09 0.00	33.24 0.13 0.00	30.28 0.09 0.00	32.64 0.31 0.00	39.67 0.73 0.00	55.20 1.96 0.00	56.17 2.76 0.00	52.22 2.49 0.00	49.30 2.60 0.00	47.19 2.70 0.00	40.63 2.11 0.00	38.01 1.86 0.00
FOX_HILLS___ESR 323835	51.58 1.95 0.00	48.24 1.86 0.00	40.90 1.42 0.00	40.00 1.33 0.00	37.83 1.23 0.00	37.42 1.47 0.00	40.45 1.56 0.00	55.78 2.28 0.00	43.99 2.01 0.00	35.21 1.94 0.00	27.76 1.55 0.00	25.11 1.46 0.00	31.15 1.72 0.00	35.00 1.88 0.00	31.94 1.76 0.00	34.01 1.68 0.00	40.55 1.61 0.00	55.13 1.89 0.00	55.30 1.89 0.00	51.48 1.75 0.00	48.17 1.47 0.00	45.79 1.30 0.00	39.73 1.21 0.00	37.34 1.19 0.00
FPL_FAR_ROCK_GT1 24212	51.51 1.88 0.00	48.35 1.96 0.00	41.00 1.52 0.00	40.15 1.48 0.00	37.86 1.27 0.00	37.18 1.24 0.00	40.15 1.26 0.00	55.13 1.63 0.00	43.67 1.69 0.00	34.98 1.71 0.00	27.77 1.56 0.00	25.00 1.34 0.00	31.16 1.73 0.00	35.02 1.91 0.00	31.99 1.81 0.00	33.92 1.60 0.00	40.47 1.53 0.00	55.16 1.92 0.00	55.05 1.63 0.00	51.20 1.47 0.00	48.12 1.42 0.00	45.51 1.02 0.00	39.62 1.10 0.00	37.39 1.23 0.00
FPL_FAR_ROCK_GT2 23815	51.51 1.88 0.00	48.35 1.96 0.00	41.00 1.52 0.00	40.15 1.48 0.00	37.86 1.27 0.00	37.18 1.24 0.00	40.15 1.26 0.00	55.13 1.63 0.00	43.67 1.69 0.00	34.98 1.71 0.00	27.77 1.56 0.00	25.00 1.34 0.00	31.16 1.73 0.00	35.02 1.91 0.00	31.99 1.81 0.00	33.92 1.60 0.00	40.47 1.53 0.00	55.16 1.92 0.00	55.05 1.63 0.00	51.20 1.47 0.00	48.12 1.42 0.00	45.51 1.02 0.00	39.62 1.10 0.00	37.39 1.23 0.00
FRANKLIN_FALL_HYD 24054	51.82 2.19 0.00	48.31 1.92 0.00	41.12 1.64 0.00	40.24 1.57 0.00	38.17 1.58 0.00	37.36 1.42 0.00	40.35 1.46 0.00	55.62 2.12 0.00	43.74 1.76 0.00	34.52 1.25 0.00	27.18 0.97 0.00	24.53 0.87 0.00	30.55 1.13 0.00	34.38 1.27 0.00	31.41 1.23 0.00	33.70 1.38 0.00	40.56 1.61 0.00	55.58 2.34 0.00	55.94 2.52 0.00	52.07 2.34 0.00	48.76 2.06 0.00	46.36 1.87 0.00	40.13 1.61 0.00	37.82 1.67 0.00

FREEPORT_EQUS_GT1 23764	51.03 1.40 0.00	47.93 1.55 0.00	40.68 1.20 0.00	39.85 1.18 0.00	37.59 0.99 0.00	36.86 0.92 0.00	39.81 0.91 0.00	54.62 1.14 0.02	43.30 1.32 0.00	34.68 1.42 0.00	27.54 1.33 0.00	24.77 1.12 0.00	30.88 1.45 0.00	34.71 1.59 0.00	31.70 1.51 0.00	33.61 1.28 0.00	40.07 1.13 0.00	54.66 1.42 0.00	53.50 1.10 1.02	49.23 1.01 1.51	47.67 0.97 0.00	41.80 0.60 3.28	39.16 0.74 0.10	37.08 0.93 0.00
FREEPORT___CT2 23818	51.03 1.40 0.00	47.93 1.55 0.00	40.68 1.20 0.00	39.85 1.18 0.00	37.59 0.99 0.00	36.86 0.92 0.00	39.81 0.91 0.00	54.62 1.14 0.02	43.30 1.32 0.00	34.68 1.42 0.00	27.54 1.33 0.00	24.77 1.12 0.00	30.88 1.45 0.00	34.71 1.59 0.00	31.70 1.51 0.00	33.61 1.28 0.00	40.07 1.13 0.00	54.66 1.42 0.00	53.50 1.10 1.02	49.23 1.01 1.51	47.67 0.97 0.00	41.80 0.60 3.28	39.16 0.74 0.10	37.08 0.93 0.00
FRESHKLS_33_KV_LOAD 356253	51.97 2.34 0.00	48.61 2.22 0.00	41.20 1.72 0.00	40.30 1.63 0.00	38.11 1.52 0.00	37.70 1.75 0.00	40.74 1.84 0.00	56.18 2.68 0.00	44.25 2.27 0.00	35.40 2.13 0.00	27.85 1.64 0.00	25.17 1.52 0.00	31.21 1.79 0.00	35.08 1.97 0.00	32.02 1.84 0.00	34.10 1.77 0.00	40.67 1.73 0.00	55.32 2.07 0.00	55.52 2.10 0.00	51.69 1.96 0.00	48.37 1.67 0.00	46.00 1.51 0.00	39.92 1.40 0.00	37.52 1.37 0.00
FULTON COGEN____ 23766	48.46 -1.17 0.00	45.27 -1.11 0.00	38.51 -0.97 0.00	37.74 -0.93 0.00	35.73 -0.87 0.00	35.11 -0.83 0.00	38.03 -0.86 0.00	52.35 -1.15 0.00	41.04 -0.94 0.00	32.48 -0.79 0.00	25.54 -0.67 0.00	23.06 -0.59 0.00	28.67 -0.75 0.00	32.19 -0.92 0.00	29.33 -0.85 0.00	31.46 -0.87 0.00	37.93 -1.01 0.00	52.00 -1.24 0.00	52.26 -1.15 0.00	48.63 -1.10 0.00	45.67 -1.03 0.00	43.54 -0.95 0.00	37.66 -0.85 0.00	35.33 -0.82 0.00
FULTON___LFGE 323630	51.14 1.51 0.00	47.78 1.39 0.00	40.66 1.18 0.00	39.83 1.15 0.00	37.69 1.09 0.00	37.04 1.10 0.00	40.11 1.21 0.00	55.31 1.81 0.00	43.14 1.17 0.00	33.50 0.23 0.00	26.14 -0.07 0.00	23.51 -0.15 0.00	29.28 -0.14 0.00	33.09 -0.02 0.00	30.07 -0.12 0.00	32.40 0.08 0.00	39.52 0.58 0.00	54.69 1.45 0.00	55.21 1.80 0.00	51.47 1.74 0.00	48.32 1.62 0.00	46.00 1.51 0.00	39.74 1.22 0.00	37.23 1.08 0.00
G.F.CEMENT___DRP 24184	51.43 1.80 0.00	48.07 1.68 0.00	40.95 1.47 0.00	40.12 1.45 0.00	38.01 1.42 0.00	37.39 1.45 0.00	40.49 1.60 0.00	55.23 1.73 0.00	43.32 1.35 0.00	34.21 0.94 0.00	26.66 0.45 0.00	23.99 0.34 0.00	29.92 0.49 0.00	33.81 0.70 0.00	30.76 0.58 0.00	33.24 0.91 0.00	40.43 1.49 0.00	55.36 2.11 0.00	55.29 1.88 0.00	51.72 1.99 0.00	48.79 2.10 0.00	46.35 1.86 0.00	39.98 1.46 0.00	37.27 1.12 0.00
GARDENVILLE___LBMP 24039	49.49 -0.14 0.00	45.81 -0.57 0.00	38.77 -0.71 0.00	38.11 -0.55 0.00	36.29 -0.31 0.00	35.53 -0.41 0.00	38.45 -0.45 0.00	53.06 -0.44 0.00	41.24 -0.74 0.00	32.74 -0.53 0.00	26.01 -0.20 0.00	23.31 -0.34 0.00	29.07 -0.36 0.00	32.54 -0.57 0.00	29.64 -0.55 0.00	31.74 -0.59 0.00	38.14 -0.80 0.00	51.57 -1.67 0.00	52.27 -1.14 0.00	48.26 -1.47 0.00	44.78 -1.92 0.00	43.23 -1.26 0.00	37.75 -0.77 0.00	35.68 -0.48 0.00
GARDNVLA_35_KV_LD 355827	49.68 0.06 0.00	45.97 -0.41 0.00	38.89 -0.59 0.00	38.24 -0.44 0.00	36.40 -0.20 0.00	35.64 -0.30 0.00	38.56 -0.33 0.00	53.26 -0.24 0.00	41.41 -0.57 0.00	32.91 -0.36 0.00	26.16 -0.06 0.00	23.45 -0.20 0.00	29.24 -0.19 0.00	32.75 -0.37 0.00	29.83 -0.35 0.00	31.96 -0.36 0.00	38.40 -0.54 0.00	51.87 -1.37 0.00	52.56 -0.85 0.00	48.51 -1.22 0.00	45.03 -1.67 0.00	43.47 -1.02 0.00	37.93 -0.58 0.00	35.86 -0.30 0.00
GELCKHM___115KV_LOAD 80723	48.76 -0.87 0.00	45.54 -0.84 0.00	38.76 -0.72 0.00	37.99 -0.68 0.00	35.97 -0.63 0.00	35.35 -0.59 0.00	38.27 -0.62 0.00	52.71 -0.79 0.00	41.30 -0.67 0.00	32.68 -0.59 0.00	25.71 -0.50 0.00	23.21 -0.44 0.00	28.84 -0.58 0.00	32.43 -0.68 0.00	29.55 -0.63 0.00	31.66 -0.67 0.00	38.23 -0.71 0.00	52.35 -0.89 0.00	52.60 -0.81 0.00	48.91 -0.82 0.00	45.90 -0.79 0.00	43.77 -0.72 0.00	37.89 -0.63 0.00	35.55 -0.60 0.00
GENERAL___MILLS 23808	49.54 -0.09 0.00	45.85 -0.54 0.00	38.79 -0.69 0.00	38.13 -0.54 0.00	36.32 -0.28 0.00	35.54 -0.40 0.00	38.46 -0.43 0.00	53.10 -0.40 0.00	41.29 -0.69 0.00	32.82 -0.44 0.00	26.08 -0.13 0.00	23.37 -0.28 0.00	29.14 -0.29 0.00	32.63 -0.48 0.00	29.73 -0.46 0.00	31.85 -0.47 0.00	38.26 -0.69 0.00	51.65 -1.59 0.00	52.33 -1.08 0.00	48.31 -1.42 0.00	44.84 -1.85 0.00	43.31 -1.18 0.00	37.81 -0.71 0.00	35.74 -0.41 0.00
GE_PLASTICS___DRP 24183	49.76 0.13 0.00	46.55 0.17 0.00	39.65 0.17 0.00	38.83 0.16 0.00	36.73 0.13 0.00	36.15 0.21 0.00	39.08 0.18 0.00	53.54 0.04 0.00	42.09 0.11 0.00	33.45 0.18 0.00	26.32 0.11 0.00	23.74 0.09 0.00	29.54 0.11 0.00	33.28 0.16 0.00	30.35 0.16 0.00	32.49 0.17 0.00	39.03 0.09 0.00	53.32 0.07 0.00	53.32 -0.09 0.00	49.76 0.03 0.00	46.82 0.12 0.00	44.58 0.10 0.00	38.57 0.05 0.00	36.16 0.01 0.00
GILBOA___1 23756	50.25 0.62 0.00	47.15 0.76 0.00	40.23 0.75 0.00	39.40 0.72 0.00	37.13 0.53 0.00	36.51 0.57 0.00	39.38 0.49 0.00	54.09 0.59 0.00	42.52 0.54 0.00	33.83 0.56 0.00	26.64 0.43 0.00	24.05 0.39 0.00	29.90 0.47 0.00	33.65 0.53 0.00	30.67 0.48 0.00	32.79 0.46 0.00	39.37 0.43 0.00	53.61 0.37 0.00	53.56 0.15 0.00	49.94 0.21 0.00	47.05 0.35 0.00	44.85 0.36 0.00	38.83 0.32 0.00	36.44 0.29 0.00
GILBOA___2 23757	50.25 0.62 0.00	47.15 0.76 0.00	40.23 0.75 0.00	39.40 0.72 0.00	37.13 0.53 0.00	36.51 0.57 0.00	39.38 0.49 0.00	54.09 0.59 0.00	42.52 0.54 0.00	33.83 0.56 0.00	26.64 0.43 0.00	24.05 0.39 0.00	29.90 0.47 0.00	33.65 0.53 0.00	30.67 0.48 0.00	32.79 0.46 0.00	39.37 0.43 0.00	53.61 0.37 0.00	53.56 0.15 0.00	49.94 0.21 0.00	47.05 0.35 0.00	44.85 0.36 0.00	38.83 0.32 0.00	36.44 0.29 0.00
GILBOA___3 23758	50.25 0.62 0.00	47.15 0.76 0.00	40.23 0.75 0.00	39.40 0.72 0.00	37.13 0.53 0.00	36.51 0.57 0.00	39.38 0.49 0.00	54.09 0.59 0.00	42.52 0.54 0.00	33.83 0.56 0.00	26.64 0.43 0.00	24.05 0.39 0.00	29.90 0.47 0.00	33.65 0.53 0.00	30.67 0.48 0.00	32.79 0.46 0.00	39.37 0.43 0.00	53.61 0.37 0.00	53.56 0.15 0.00	49.94 0.21 0.00	47.05 0.35 0.00	44.85 0.36 0.00	38.83 0.32 0.00	36.44 0.29 0.00
GILBOA___4 23759	50.25 0.62 0.00	47.15 0.76 0.00	40.23 0.75 0.00	39.40 0.72 0.00	37.13 0.53 0.00	36.51 0.57 0.00	39.38 0.49 0.00	54.09 0.59 0.00	42.52 0.54 0.00	33.83 0.56 0.00	26.64 0.43 0.00	24.05 0.39 0.00	29.90 0.47 0.00	33.65 0.53 0.00	30.67 0.48 0.00	32.79 0.46 0.00	39.37 0.43 0.00	53.61 0.37 0.00	53.56 0.15 0.00	49.94 0.21 0.00	47.05 0.35 0.00	44.85 0.36 0.00	38.83 0.32 0.00	36.44 0.29 0.00

GILBOA____ 23599	50.25 0.62 0.00	47.15 0.76 0.00	40.23 0.75 0.00	39.40 0.72 0.00	37.13 0.53 0.00	36.51 0.57 0.00	39.39 0.49 0.00	54.09 0.59 0.00	42.52 0.54 0.00	33.83 0.56 0.00	26.64 0.43 0.00	24.05 0.40 0.00	29.90 0.47 0.00	33.65 0.53 0.00	30.67 0.48 0.00	32.80 0.47 0.00	39.37 0.43 0.00	53.61 0.37 0.00	53.56 0.14 0.00	49.93 0.20 0.00	47.05 0.35 0.00	44.85 0.36 0.00	38.84 0.32 0.00	36.44 0.29 0.00
GINNA____ 23603	46.77 -2.59 0.27	43.50 -2.63 0.26	36.93 -2.32 0.23	36.13 -2.23 0.32	34.29 -2.00 0.31	33.74 -1.99 0.21	36.50 -2.10 0.30	50.49 -2.68 0.33	39.22 -2.24 0.52	31.05 -1.85 0.37	24.69 -1.41 0.11	22.32 -1.34 0.00	27.77 -1.66 0.00	31.15 -1.93 0.03	28.43 -1.74 0.02	30.33 -1.83 0.17	36.64 -2.08 0.22	50.38 -2.80 0.06	50.82 -2.60 0.00	47.13 -2.60 0.00	44.04 -2.66 0.00	42.12 -2.37 0.00	36.51 -2.01 0.00	34.26 -1.89 0.00
GLEN PARK____ 23778	52.12 2.49 0.00	48.59 2.20 0.00	41.29 1.81 0.00	40.47 1.80 0.00	38.30 1.70 0.00	37.66 1.72 0.00	40.93 2.04 0.00	56.47 2.97 0.00	44.07 2.09 0.00	33.95 0.68 0.00	26.14 -0.07 0.00	23.55 -0.10 0.00	29.47 0.04 0.00	33.19 0.08 0.00	30.22 0.04 0.00	32.65 0.33 0.00	39.70 0.76 0.00	55.39 2.14 0.00	56.44 3.03 0.00	52.48 2.75 0.00	49.53 2.83 0.00	47.40 2.91 0.00	40.79 2.27 0.00	38.14 1.99 0.00
GLENDALE_27_KV_LOAD 356172	51.44 1.81 0.00	48.11 1.72 0.00	40.80 1.32 0.00	39.92 1.25 0.00	37.75 1.16 0.00	37.32 1.38 0.00	40.33 1.43 0.00	55.53 2.03 0.00	43.83 1.85 0.00	35.13 1.86 0.00	27.75 1.54 0.00	25.11 1.46 0.00	31.18 1.76 0.00	35.03 1.92 0.00	31.95 1.77 0.00	34.02 1.69 0.00	40.51 1.57 0.00	55.10 1.86 0.00	55.25 1.84 0.00	51.43 1.70 0.00	48.07 1.38 0.00	45.66 1.17 0.00	39.59 1.08 0.00	37.23 1.08 0.00
GLENWOOD_IC_1_G5 23712	51.21 1.58 0.00	48.02 1.64 0.00	40.74 1.26 0.00	39.88 1.21 0.00	37.66 1.07 0.00	37.03 1.09 0.00	40.01 1.12 0.00	54.99 1.50 0.01	43.50 1.52 0.00	34.83 1.56 0.00	27.56 1.35 0.00	24.87 1.22 0.00	30.96 1.54 0.00	34.80 1.69 0.00	31.76 1.57 0.00	33.76 1.43 0.00	40.25 1.30 0.00	54.79 1.55 0.00	54.12 1.33 0.62	50.04 1.23 0.92	47.82 1.13 0.00	43.31 0.84 2.01	39.33 0.88 0.06	37.11 0.96 0.00
GLENWOOD_IC_2_G1 23688	51.12 1.49 0.00	47.90 1.52 0.00	40.64 1.16 0.00	39.78 1.11 0.00	37.57 0.97 0.00	36.99 1.05 0.00	39.96 1.07 0.00	54.94 1.44 0.00	43.42 1.44 0.00	34.75 1.49 0.00	27.48 1.27 0.00	24.82 1.16 0.00	30.87 1.45 0.00	34.70 1.59 0.00	31.65 1.47 0.00	33.67 1.34 0.00	40.15 1.21 0.00	54.65 1.41 0.00	54.64 1.22 0.00	50.86 1.13 0.00	47.70 1.01 0.00	45.25 0.76 0.00	39.30 0.79 0.00	37.01 0.86 0.00
GLENWOOD_IC_3_G1 23689	51.12 1.49 0.00	47.90 1.52 0.00	40.64 1.16 0.00	39.78 1.11 0.00	37.57 0.97 0.00	36.99 1.05 0.00	39.96 1.07 0.00	54.94 1.44 0.00	43.42 1.44 0.00	34.75 1.49 0.00	27.48 1.27 0.00	24.82 1.16 0.00	30.87 1.45 0.00	34.70 1.59 0.00	31.65 1.47 0.00	33.67 1.34 0.00	40.15 1.21 0.00	54.65 1.41 0.00	54.64 1.22 0.00	50.86 1.13 0.00	47.70 1.01 0.00	45.25 0.76 0.00	39.30 0.79 0.00	37.01 0.86 0.00
GLENWOOD____4 23550	51.21 1.58 0.00	48.02 1.64 0.00	40.74 1.26 0.00	39.88 1.21 0.00	37.66 1.07 0.00	37.03 1.09 0.00	40.01 1.12 0.00	54.99 1.50 0.01	43.50 1.52 0.00	34.83 1.56 0.00	27.56 1.35 0.00	24.87 1.22 0.00	30.96 1.54 0.00	34.80 1.69 0.00	31.76 1.57 0.00	33.76 1.43 0.00	40.25 1.30 0.00	54.79 1.55 0.00	54.12 1.33 0.62	50.04 1.23 0.92	47.82 1.13 0.00	43.31 0.84 2.01	39.33 0.88 0.06	37.11 0.96 0.00
GLENWOOD____5 23614	51.21 1.58 0.00	48.02 1.64 0.00	40.74 1.26 0.00	39.88 1.21 0.00	37.66 1.07 0.00	37.03 1.09 0.00	40.01 1.12 0.00	54.99 1.50 0.01	43.50 1.52 0.00	34.83 1.56 0.00	27.56 1.35 0.00	24.87 1.22 0.00	30.96 1.54 0.00	34.80 1.69 0.00	31.76 1.57 0.00	33.76 1.43 0.00	40.25 1.30 0.00	54.79 1.55 0.00	54.12 1.33 0.62	50.04 1.23 0.92	47.82 1.13 0.00	43.31 0.84 2.01	39.33 0.88 0.06	37.11 0.96 0.00
GLOBAL GREEN_PORT_GT1 23814	51.44 1.81 0.00	48.54 2.15 0.00	41.18 1.70 0.00	40.53 1.86 0.00	38.06 1.46 0.00	37.16 1.22 0.00	40.55 1.66 0.00	55.53 2.06 0.04	44.15 2.17 0.00	34.84 1.57 0.00	27.62 1.41 0.00	24.78 1.13 0.00	31.14 1.71 0.00	34.93 1.81 0.00	32.12 1.94 0.00	34.16 1.83 0.00	40.92 1.98 0.00	55.98 2.73 0.00	53.10 1.75 2.07	48.15 1.48 3.06	47.87 1.17 0.00	38.68 0.85 6.66	38.93 0.62 0.21	36.52 0.37 0.00
GLOBE____DSASP 323697	48.59 -1.04 0.00	44.93 -1.45 0.00	38.00 -1.48 0.00	37.37 -1.30 0.00	35.63 -0.96 0.00	34.82 -1.12 0.00	37.67 -1.23 0.00	51.96 -1.54 0.00	40.41 -1.57 0.00	32.22 -1.05 0.00	25.65 -0.56 0.00	22.95 -0.70 0.00	28.66 -0.77 0.00	32.10 -1.02 0.00	29.29 -0.89 0.00	31.39 -0.94 0.00	37.61 -1.33 0.00	50.33 -2.91 0.00	50.81 -2.60 0.00	46.89 -2.84 0.00	43.52 -3.17 0.00	42.17 -2.32 0.00	37.15 -1.37 0.00	35.14 -1.01 0.00
GOETHSLN____LBMP 323567	51.09 1.46 0.00	47.79 1.40 0.00	40.52 1.04 0.00	39.64 0.97 0.00	37.48 0.89 0.00	37.04 1.10 0.00	40.02 1.12 0.00	55.09 1.59 0.00	43.49 1.51 0.00	34.82 1.55 0.00	27.51 1.30 0.00	24.90 1.25 0.00	30.91 1.49 0.00	34.73 1.62 0.00	31.67 1.48 0.00	33.74 1.42 0.00	40.20 1.26 0.00	54.65 1.41 0.00	54.76 1.35 0.00	50.99 1.26 0.00	47.71 1.01 0.00	45.32 0.83 0.00	39.31 0.79 0.00	36.95 0.80 0.00
GOLAH____69_KV_TB 1_2 80279	49.85 0.22 0.00	46.37 -0.02 0.00	39.29 -0.19 0.00	38.56 -0.11 0.00	36.67 0.07 0.00	35.93 -0.01 0.00	38.92 0.03 0.00	53.78 0.28 0.00	41.93 -0.05 0.00	33.14 -0.13 0.00	26.09 -0.12 0.00	23.43 -0.22 0.00	29.18 -0.25 0.00	32.74 -0.37 0.00	29.85 -0.33 0.00	32.01 -0.32 0.00	38.64 -0.30 0.00	52.79 -0.45 0.00	53.47 0.06 0.00	49.56 -0.17 0.00	46.22 -0.48 0.00	44.30 -0.19 0.00	38.48 -0.04 0.00	36.19 0.04 0.00
GOODYEAR_LAKE_HYD 323669	50.88 1.25 0.00	47.58 1.20 0.00	40.47 0.99 0.00	39.67 0.99 0.00	37.50 0.90 0.00	36.89 0.94 0.00	39.89 0.99 0.00	55.01 1.51 0.00	43.19 1.21 0.00	34.26 0.99 0.00	26.98 0.77 0.00	24.36 0.70 0.00	30.23 0.81 0.00	34.00 0.89 0.00	30.92 0.73 0.00	33.07 0.75 0.00	39.87 0.93 0.00	54.58 1.34 0.00	54.75 1.33 0.00	50.87 1.14 0.00	47.72 1.03 0.00	45.46 0.97 0.00	39.35 0.83 0.00	36.93 0.78 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	49.80 0.16 0.00	46.44 0.05 0.00	39.45 -0.03 0.00	38.73 0.06 0.00	36.63 0.04 0.00	36.02 0.08 0.00	38.95 0.06 0.00	53.72 0.22 0.00	42.01 0.03 0.00	33.31 0.04 0.00	26.25 0.04 0.00	23.70 0.05 0.00	29.38 -0.04 0.00	32.99 -0.13 0.00	30.05 -0.13 0.00	32.15 -0.18 0.00	38.80 -0.14 0.00	52.93 -0.31 0.00	53.30 -0.11 0.00	49.49 -0.24 0.00	46.35 -0.34 0.00	44.26 -0.23 0.00	38.33 -0.19 0.00	36.02 -0.13 0.00

GOUDEY___7 23579	49.80 0.16 0.00	46.44 0.05 0.00	39.45 -0.03 0.00	38.73 0.06 0.00	36.63 0.04 0.00	36.02 0.08 0.00	38.95 0.06 0.00	53.72 0.22 0.00	42.01 0.03 0.00	33.31 0.04 0.00	26.25 0.04 0.00	23.70 0.05 0.00	29.38 -0.04 0.00	32.99 -0.13 0.00	30.05 -0.13 0.00	32.15 -0.18 0.00	38.80 -0.14 0.00	52.93 -0.31 0.00	53.30 -0.11 0.00	49.49 -0.24 0.00	46.35 -0.34 0.00	44.26 -0.23 0.00	38.33 -0.19 0.00	36.02 -0.13 0.00
GOUDEY___8 23580	49.80 0.16 0.00	46.44 0.05 0.00	39.45 -0.03 0.00	38.73 0.06 0.00	36.63 0.04 0.00	36.02 0.08 0.00	38.95 0.06 0.00	53.72 0.22 0.00	42.01 0.03 0.00	33.31 0.04 0.00	26.25 0.04 0.00	23.70 0.05 0.00	29.38 -0.04 0.00	32.99 -0.13 0.00	30.05 -0.13 0.00	32.15 -0.18 0.00	38.80 -0.14 0.00	52.93 -0.31 0.00	53.30 -0.11 0.00	49.49 -0.24 0.00	46.35 -0.34 0.00	44.26 -0.23 0.00	38.33 -0.19 0.00	36.02 -0.13 0.00
GOWANUS_GT1_1 24077	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT1_2 24078	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT1_3 24079	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT1_4 24080	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT1_5 24084	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT1_6 24111	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT1_7 24112	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT1_8 24113	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT2_1 24114	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT2_2 24115	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT2_3 24116	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT2_4 24117	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT2_5 24118	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00

GOWANUS_GT2_6 24119	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT2_7 24120	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT2_8 24121	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT3_1 24122	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT3_2 24123	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT3_3 24124	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT3_4 24125	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT3_5 24126	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT3_6 24127	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT3_7 24128	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT3_8 24129	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT4_1 24130	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT4_2 24131	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT4_3 24132	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT4_4 24133	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00

GOWANUS_GT4_5 24134	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT4_6 24135	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT4_7 24136	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GOWANUS_GT4_8 24137	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GREATVRV_69_KV_BK1 356245	51.11 1.48 0.00	48.15 1.76 0.00	40.89 1.42 0.00	40.10 1.43 0.00	37.81 1.22 0.00	36.90 0.96 0.00	39.91 1.02 0.00	54.69 1.23 0.03	43.47 1.49 0.00	34.76 1.48 0.00	27.64 1.42 0.00	24.82 1.17 0.00	31.06 1.64 0.00	34.90 1.79 0.00	31.90 1.72 0.00	33.77 1.45 0.00	40.31 1.37 0.00	55.06 1.81 0.00	52.59 1.13 1.96	47.84 1.00 2.89	47.89 1.19 0.00	38.80 0.61 6.30	39.21 0.88 0.19	37.26 1.11 0.00
GREENBSH_115KV_TB3 55895	49.43 -0.20 0.00	46.23 -0.16 0.00	39.38 -0.10 0.00	38.56 -0.11 0.00	36.49 -0.11 0.00	35.93 -0.01 0.00	38.85 -0.04 0.00	53.17 -0.34 0.00	41.80 -0.18 0.00	33.23 -0.03 0.00	26.14 -0.07 0.00	23.58 -0.07 0.00	29.34 -0.09 0.00	33.07 -0.04 0.00	30.17 -0.01 0.00	32.31 -0.01 0.00	38.82 -0.12 0.00	53.03 -0.21 0.00	52.99 -0.43 0.00	49.49 -0.24 0.00	46.59 -0.11 0.00	44.36 -0.12 0.00	38.35 -0.17 0.00	35.93 -0.22 0.00
GREENDGE_115KV_TB5 80291	49.80 0.17 0.00	46.41 0.02 0.00	39.39 -0.09 0.00	38.68 0.01 0.00	36.65 0.06 0.00	36.03 0.09 0.00	39.07 0.17 0.00	53.78 0.28 0.00	42.05 0.07 0.00	33.10 -0.17 0.00	25.98 -0.23 0.00	23.42 -0.23 0.00	29.07 -0.35 0.00	32.60 -0.52 0.00	29.67 -0.51 0.00	31.82 -0.50 0.00	38.44 -0.50 0.00	52.60 -0.64 0.00	53.32 -0.09 0.00	49.59 -0.15 0.00	46.48 -0.21 0.00	44.44 -0.05 0.00	38.48 -0.03 0.00	36.16 0.00 0.00
GREENIDGE___3 23582	49.80 0.17 0.00	46.41 0.02 0.00	39.39 -0.09 0.00	38.68 0.01 0.00	36.65 0.06 0.00	36.03 0.09 0.00	39.07 0.17 0.00	53.78 0.28 0.00	42.05 0.07 0.00	33.10 -0.17 0.00	25.98 -0.23 0.00	23.42 -0.23 0.00	29.07 -0.35 0.00	32.60 -0.52 0.00	29.67 -0.51 0.00	31.82 -0.50 0.00	38.44 -0.50 0.00	52.60 -0.64 0.00	53.32 -0.09 0.00	49.59 -0.15 0.00	46.48 -0.21 0.00	44.44 -0.05 0.00	38.48 -0.03 0.00	36.16 0.00 0.00
GREENIDGE___4 23583	50.14 0.14 -0.37	46.77 0.02 -0.36	39.71 -0.09 -0.32	39.13 0.02 -0.44	37.09 0.07 -0.43	36.31 0.09 -0.29	39.49 0.17 -0.42	54.24 0.28 -0.46	42.79 0.09 -0.72	33.61 -0.17 -0.52	26.14 -0.23 -0.16	23.42 -0.23 0.00	29.07 -0.35 0.00	32.64 -0.51 -0.05	29.70 -0.51 -0.03	32.05 -0.51 -0.23	38.74 -0.50 -0.30	52.69 -0.63 -0.08	53.32 -0.09 0.00	49.58 -0.15 0.00	46.48 -0.21 0.00	44.44 -0.05 0.00	38.48 -0.03 0.00	36.16 0.00 0.00
GREENLWN_69_KV_BK 3 55738	50.19 0.55 0.00	47.36 0.97 0.00	40.29 0.81 0.00	39.51 0.83 0.00	37.23 0.64 0.00	36.31 0.37 0.00	39.16 0.27 0.00	53.65 0.19 0.03	42.64 0.66 0.00	34.21 0.94 0.00	27.25 1.03 0.00	24.52 0.86 0.00	30.61 1.19 0.00	34.39 1.28 0.00	31.41 1.23 0.00	33.16 0.83 0.00	39.43 0.49 0.00	53.72 0.48 0.00	51.41 0.00 2.00	46.76 -0.02 2.95	46.75 0.06 0.00	37.78 -0.27 6.43	38.34 0.03 0.20	36.50 0.35 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
GRISSOM___SOLAR 323813	51.21 1.58 0.00	47.83 1.45 0.00	40.72 1.24 0.00	39.87 1.21 0.00	37.74 1.14 0.00	37.11 1.17 0.00	40.17 1.27 0.00	55.34 1.84 0.00	43.15 1.17 0.00	33.37 0.10 0.00	26.03 -0.18 0.00	23.39 -0.26 0.00	29.15 -0.28 0.00	33.02 -0.09 0.00	30.00 -0.18 0.00	32.38 0.05 0.00	39.57 0.63 0.00	54.69 1.45 0.00	55.24 1.82 0.00	51.51 1.79 0.00	48.36 1.67 0.00	46.05 1.57 0.00	39.77 1.26 0.00	37.25 1.10 0.00
GROVEVILLE___HYD 323602	51.47 1.84 0.00	48.14 1.76 0.00	40.87 1.39 0.00	40.00 1.33 0.00	37.81 1.21 0.00	37.28 1.34 0.00	40.32 1.42 0.00	55.46 1.97 0.00	43.73 1.76 0.00	34.91 1.64 0.00	27.50 1.29 0.00	24.85 1.20 0.00	30.89 1.46 0.00	34.74 1.63 0.00	31.67 1.49 0.00	33.83 1.50 0.00	40.48 1.54 0.00	55.15 1.91 0.00	55.26 1.85 0.00	51.46 1.73 0.00	48.21 1.52 0.00	45.83 1.34 0.00	39.72 1.20 0.00	37.28 1.13 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	49.04 -0.60 0.00	45.79 -0.59 0.00	38.99 -0.49 0.00	38.23 -0.44 0.00	36.18 -0.42 0.00	35.57 -0.37 0.00	38.52 -0.38 0.00	53.07 -0.42 0.00	41.57 -0.41 0.00	32.87 -0.40 0.00	25.84 -0.37 0.00	23.34 -0.31 0.00	28.99 -0.43 0.00	32.59 -0.52 0.00	29.71 -0.48 0.00	31.82 -0.51 0.00	38.45 -0.49 0.00	52.72 -0.52 0.00	52.98 -0.44 0.00	49.23 -0.50 0.00	46.22 -0.47 0.00	44.06 -0.43 0.00	38.12 -0.39 0.00	35.77 -0.39 0.00
HAMLTNNY_34_KV_TB 80303	49.15 -0.48 0.00	45.90 -0.48 0.00	39.09 -0.39 0.00	38.34 -0.34 0.00	36.29 -0.31 0.00	35.67 -0.27 0.00	38.62 -0.27 0.00	53.23 -0.27 0.00	41.68 -0.30 0.00	32.91 -0.35 0.00	25.85 -0.37 0.00	23.36 -0.29 0.00	29.01 -0.41 0.00	32.57 -0.54 0.00	29.69 -0.50 0.00	31.84 -0.48 0.00	38.49 -0.45 0.00	52.77 -0.47 0.00	53.13 -0.28 0.00	49.34 -0.39 0.00	46.32 -0.38 0.00	44.18 -0.31 0.00	38.23 -0.28 0.00	35.88 -0.27 0.00

HAMPSHIRE___PAPER_HYD 323593	51.81 2.18 0.00	48.34 1.95 0.00	41.11 1.63 0.00	40.27 1.59 0.00	38.14 1.54 0.00	37.38 1.43 0.00	40.50 1.61 0.00	55.66 2.16 0.00	43.56 1.58 0.00	33.96 0.69 0.00	26.53 0.32 0.00	23.96 0.31 0.00	30.03 0.61 0.00	33.85 0.74 0.00	30.90 0.71 0.00	33.12 0.79 0.00	39.98 1.04 0.00	55.23 1.98 0.00	55.85 2.44 0.00	51.95 2.22 0.00	48.89 2.20 0.00	46.82 2.33 0.00	40.42 1.91 0.00	37.91 1.76 0.00
HARDSCRABBLE_WT_PWR 323673	51.51 1.88 0.00	48.11 1.72 0.00	40.92 1.45 0.00	40.07 1.41 0.00	37.91 1.32 0.00	37.39 1.45 0.00	40.43 1.54 0.00	55.51 2.01 0.00	43.30 1.32 0.00	33.84 0.57 0.00	26.40 0.19 0.00	23.76 0.11 0.00	29.49 0.07 0.00	33.45 0.33 0.00	30.40 0.22 0.00	32.73 0.40 0.00	39.82 0.88 0.00	54.92 1.68 0.00	55.33 1.91 0.00	51.59 1.86 0.00	48.53 1.84 0.00	46.32 1.83 0.00	39.97 1.46 0.00	37.40 1.25 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	51.30 1.67 0.00	47.97 1.59 0.00	40.68 1.20 0.00	39.81 1.14 0.00	37.64 1.05 0.00	37.17 1.23 0.00	40.17 1.27 0.00	55.31 1.81 0.00	43.61 1.63 0.00	34.84 1.57 0.00	27.46 1.25 0.00	24.85 1.20 0.00	30.88 1.46 0.00	34.71 1.60 0.00	31.63 1.45 0.00	33.76 1.43 0.00	40.36 1.42 0.00	54.94 1.70 0.00	55.05 1.63 0.00	51.26 1.53 0.00	48.02 1.32 0.00	45.62 1.14 0.00	39.56 1.05 0.00	37.13 0.98 0.00
HARSNRAD_115KV_TB1 81005	49.03 -0.60 0.00	45.39 -0.99 0.00	38.41 -1.07 0.00	37.74 -0.93 0.00	35.99 -0.61 0.00	35.20 -0.74 0.00	38.09 -0.81 0.00	52.40 -1.09 0.00	40.74 -1.23 0.00	32.41 -0.86 0.00	25.80 -0.41 0.00	23.12 -0.54 0.00	28.87 -0.55 0.00	32.31 -0.80 0.00	29.45 -0.73 0.00	31.52 -0.80 0.00	37.82 -1.12 0.00	51.07 -2.17 0.00	51.81 -1.61 0.00	47.84 -1.89 0.00	44.39 -2.31 0.00	42.93 -1.56 0.00	37.56 -0.95 0.00	35.53 -0.62 0.00
HARZA MOOSE___RIVER 24016	51.29 1.65 0.00	47.87 1.49 0.00	40.74 1.26 0.00	39.94 1.27 0.00	37.81 1.21 0.00	37.15 1.21 0.00	40.27 1.38 0.00	55.47 1.97 0.00	43.42 1.44 0.00	33.94 0.68 0.00	26.49 0.27 0.00	23.86 0.21 0.00	29.75 0.32 0.00	33.52 0.40 0.00	30.59 0.40 0.00	32.77 0.44 0.00	39.69 0.75 0.00	54.82 1.58 0.00	55.27 1.86 0.00	51.41 1.68 0.00	48.43 1.73 0.00	46.25 1.76 0.00	39.94 1.43 0.00	37.42 1.27 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	48.72 -0.91 0.00	45.51 -0.88 0.00	38.72 -0.76 0.00	37.95 -0.72 0.00	35.92 -0.68 0.00	35.31 -0.63 0.00	38.24 -0.66 0.00	52.65 -0.84 0.00	41.26 -0.72 0.00	32.65 -0.62 0.00	25.69 -0.52 0.00	23.19 -0.46 0.00	28.81 -0.61 0.00	32.42 -0.70 0.00	29.53 -0.65 0.00	31.63 -0.69 0.00	38.19 -0.75 0.00	52.28 -0.96 0.00	52.53 -0.88 0.00	48.86 -0.87 0.00	45.86 -0.84 0.00	43.72 -0.77 0.00	37.84 -0.67 0.00	35.50 -0.65 0.00
HELLGATE_13_KV_LD 55870	51.47 1.84 0.00	48.15 1.77 0.00	40.83 1.35 0.00	39.94 1.27 0.00	37.78 1.19 0.00	37.38 1.44 0.00	40.39 1.50 0.00	55.61 2.11 0.00	43.89 1.91 0.00	35.19 1.91 0.00	27.80 1.58 0.00	25.15 1.50 0.00	31.24 1.81 0.00	35.09 1.98 0.00	32.01 1.82 0.00	34.07 1.75 0.00	40.54 1.60 0.00	55.16 1.92 0.00	55.34 1.93 0.00	51.50 1.77 0.00	48.12 1.42 0.00	45.69 1.20 0.00	39.63 1.12 0.00	37.27 1.12 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.47 1.84 0.00	48.15 1.77 0.00	40.83 1.35 0.00	39.94 1.27 0.00	37.78 1.19 0.00	37.38 1.44 0.00	40.39 1.50 0.00	55.61 2.11 0.00	43.89 1.91 0.00	35.19 1.91 0.00	27.80 1.58 0.00	25.15 1.50 0.00	31.24 1.81 0.00	35.09 1.98 0.00	32.01 1.82 0.00	34.07 1.75 0.00	40.54 1.60 0.00	55.16 1.92 0.00	55.34 1.93 0.00	51.50 1.77 0.00	48.12 1.42 0.00	45.69 1.20 0.00	39.63 1.12 0.00	37.27 1.12 0.00
HEMPSTEAD___ 23647	50.79 1.16 0.00	47.69 1.31 0.00	40.47 0.99 0.00	39.64 0.97 0.00	37.39 0.80 0.00	36.71 0.76 0.00	39.65 0.75 0.00	54.43 0.95 0.02	43.13 1.15 0.00	34.55 1.28 0.00	27.39 1.18 0.00	24.68 1.02 0.00	30.75 1.33 0.00	34.55 1.44 0.00	31.55 1.37 0.00	33.48 1.15 0.00	39.91 0.97 0.00	54.38 1.14 0.00	53.30 0.83 0.94	49.11 0.77 1.39	47.43 0.73 0.00	41.86 0.40 3.03	38.98 0.55 0.09	36.86 0.71 0.00
HICKLING___1 23621	49.91 0.28 0.00	46.39 0.00 0.00	39.34 -0.14 0.00	38.67 0.00 0.00	36.60 0.00 0.00	35.99 0.05 0.00	38.98 0.08 0.00	53.83 0.33 0.00	41.90 -0.08 0.00	33.12 -0.15 0.00	26.11 -0.10 0.00	23.57 -0.08 0.00	29.23 -0.20 0.00	32.69 -0.42 0.00	29.78 -0.40 0.00	31.87 -0.46 0.00	38.51 -0.43 0.00	52.59 -0.66 0.00	53.21 -0.20 0.00	49.28 -0.45 0.00	46.01 -0.69 0.00	44.06 -0.43 0.00	38.17 -0.34 0.00	35.95 -0.21 0.00
HICKLING___2 23622	49.91 0.28 0.00	46.39 0.00 0.00	39.34 -0.14 0.00	38.67 0.00 0.00	36.60 0.00 0.00	35.99 0.05 0.00	38.98 0.08 0.00	53.83 0.33 0.00	41.90 -0.08 0.00	33.12 -0.15 0.00	26.11 -0.10 0.00	23.57 -0.08 0.00	29.23 -0.20 0.00	32.69 -0.42 0.00	29.78 -0.40 0.00	31.87 -0.46 0.00	38.51 -0.43 0.00	52.59 -0.66 0.00	53.21 -0.20 0.00	49.28 -0.45 0.00	46.01 -0.69 0.00	44.06 -0.43 0.00	38.17 -0.34 0.00	35.95 -0.21 0.00
HIGH FALLS___HY 23754	51.67 2.04 0.00	48.31 1.93 0.00	40.99 1.51 0.00	40.11 1.44 0.00	37.90 1.31 0.00	37.39 1.45 0.00	40.43 1.53 0.00	55.71 2.21 0.00	43.96 1.98 0.00	35.03 1.76 0.00	27.51 1.30 0.00	24.83 1.18 0.00	30.88 1.46 0.00	34.61 1.50 0.00	31.52 1.33 0.00	33.59 1.26 0.00	40.30 1.36 0.00	54.94 1.70 0.00	55.18 1.77 0.00	51.39 1.66 0.00	48.16 1.47 0.00	46.01 1.52 0.00	39.88 1.37 0.00	37.42 1.27 0.00
HIGH_RIVER___SOLAR 323847	51.01 1.38 0.00	47.67 1.28 0.00	40.58 1.10 0.00	39.76 1.09 0.00	37.60 1.00 0.00	36.97 1.03 0.00	40.02 1.12 0.00	55.08 1.59 0.00	42.74 0.76 0.00	33.46 0.19 0.00	26.19 -0.03 0.00	23.59 -0.07 0.00	29.38 -0.05 0.00	33.11 -0.01 0.00	30.12 -0.07 0.00	32.31 -0.02 0.00	39.35 0.40 0.00	54.52 1.28 0.00	55.01 1.59 0.00	51.28 1.55 0.00	48.16 1.46 0.00	45.84 1.35 0.00	39.62 1.11 0.00	37.13 0.98 0.00
HILLBURN___GT 23639	51.11 1.48 0.00	47.80 1.41 0.00	40.53 1.05 0.00	39.66 0.99 0.00	37.49 0.89 0.00	37.03 1.09 0.00	40.02 1.13 0.00	55.13 1.63 0.00	43.47 1.50 0.00	34.76 1.49 0.00	27.44 1.23 0.00	24.83 1.18 0.00	30.84 1.42 0.00	34.66 1.54 0.00	31.58 1.40 0.00	33.68 1.36 0.00	40.20 1.26 0.00	54.67 1.43 0.00	54.76 1.35 0.00	50.98 1.25 0.00	47.75 1.05 0.00	45.37 0.89 0.00	39.36 0.85 0.00	36.96 0.81 0.00
HILLSIDE_115KV_TB1 80332	49.23 -0.40 0.00	45.76 -0.62 0.00	38.83 -0.65 0.00	38.18 -0.49 0.00	36.10 -0.49 0.00	35.51 -0.43 0.00	38.42 -0.47 0.00	53.06 -0.44 0.00	41.31 -0.67 0.00	32.73 -0.54 0.00	25.82 -0.39 0.00	23.36 -0.29 0.00	28.96 -0.47 0.00	32.39 -0.73 0.00	29.52 -0.66 0.00	31.56 -0.77 0.00	38.09 -0.85 0.00	51.85 -1.40 0.00	52.40 -1.01 0.00	48.54 -1.19 0.00	45.38 -1.31 0.00	43.42 -1.07 0.00	37.61 -0.91 0.00	35.44 -0.71 0.00

HISHELDN_WT_PWR 323625	49.11 -0.13 0.39	45.47 -0.54 0.37	38.49 -0.65 0.34	37.71 -0.50 0.46	35.88 -0.27 0.45	35.26 -0.38 0.30	38.05 -0.40 0.44	52.64 -0.38 0.48	40.53 -0.70 0.75	32.08 -0.65 0.54	25.69 -0.36 0.17	23.21 -0.45 0.00	28.91 -0.52 0.00	32.29 -0.78 0.05	29.43 -0.72 0.03	31.27 -0.81 0.24	37.64 -0.98 0.32	51.51 -1.65 0.09	52.31 -1.11 0.00	48.26 -1.47 0.00	44.81 -1.88 0.00	43.19 -1.30 0.00	37.67 -0.85 0.00	35.57 -0.58 0.00
HOLTSVILLE_IC_1 23690	50.28 0.65 0.00	47.48 1.09 0.00	40.28 0.80 0.00	39.55 0.87 0.00	37.25 0.65 0.00	36.33 0.39 0.00	39.40 0.51 0.00	53.98 0.52 0.04	42.90 0.92 0.00	34.14 0.87 0.00	27.13 0.92 0.00	24.38 0.73 0.00	30.58 1.16 0.00	34.35 1.24 0.00	31.42 1.24 0.00	33.25 0.92 0.00	39.64 0.70 0.00	54.08 0.83 0.00	51.30 -0.04 2.08	46.62 -0.04 3.06	46.89 0.19 0.00	37.57 -0.23 6.68	38.42 0.11 0.21	36.52 0.36 0.00
HOLTSVILLE_IC_10 23699	50.47 0.84 0.00	47.65 1.27 0.00	40.40 0.92 0.00	39.69 1.02 0.00	37.36 0.76 0.00	36.44 0.50 0.00	39.54 0.64 0.00	54.18 0.72 0.04	43.07 1.09 0.00	34.26 1.00 0.00	27.23 1.02 0.00	24.45 0.80 0.00	30.67 1.25 0.00	34.46 1.35 0.00	31.52 1.34 0.00	33.37 1.04 0.00	39.81 0.87 0.00	54.35 1.10 0.00	51.59 0.23 2.05	46.91 0.20 3.02	47.14 0.44 0.00	37.88 -0.02 6.59	38.61 0.30 0.20	36.68 0.53 0.00
HOLTSVILLE_IC_2 23691	50.28 0.65 0.00	47.48 1.09 0.00	40.28 0.80 0.00	39.55 0.87 0.00	37.25 0.65 0.00	36.33 0.39 0.00	39.40 0.51 0.00	53.98 0.52 0.04	42.90 0.92 0.00	34.14 0.87 0.00	27.13 0.92 0.00	24.38 0.73 0.00	30.58 1.16 0.00	34.35 1.24 0.00	31.42 1.24 0.00	33.25 0.92 0.00	39.64 0.70 0.00	54.08 0.83 0.00	51.30 -0.04 2.08	46.62 -0.04 3.06	46.89 0.19 0.00	37.57 -0.23 6.68	38.42 0.11 0.21	36.52 0.36 0.00
HOLTSVILLE_IC_3 23692	50.28 0.65 0.00	47.48 1.09 0.00	40.28 0.80 0.00	39.55 0.87 0.00	37.25 0.65 0.00	36.33 0.39 0.00	39.40 0.51 0.00	53.98 0.52 0.04	42.90 0.92 0.00	34.14 0.87 0.00	27.13 0.92 0.00	24.38 0.73 0.00	30.58 1.16 0.00	34.35 1.24 0.00	31.42 1.24 0.00	33.25 0.92 0.00	39.64 0.70 0.00	54.08 0.83 0.00	51.30 -0.04 2.08	46.62 -0.04 3.06	46.89 0.19 0.00	37.57 -0.23 6.68	38.42 0.11 0.21	36.52 0.36 0.00
HOLTSVILLE_IC_4 23693	50.28 0.65 0.00	47.48 1.09 0.00	40.28 0.80 0.00	39.55 0.87 0.00	37.25 0.65 0.00	36.33 0.39 0.00	39.40 0.51 0.00	53.98 0.52 0.04	42.90 0.92 0.00	34.14 0.87 0.00	27.13 0.92 0.00	24.38 0.73 0.00	30.58 1.16 0.00	34.35 1.24 0.00	31.42 1.24 0.00	33.25 0.92 0.00	39.64 0.70 0.00	54.08 0.83 0.00	51.30 -0.04 2.08	46.62 -0.04 3.06	46.89 0.19 0.00	37.57 -0.23 6.68	38.42 0.11 0.21	36.52 0.36 0.00
HOLTSVILLE_IC_5 23694	50.28 0.65 0.00	47.48 1.09 0.00	40.28 0.80 0.00	39.55 0.87 0.00	37.25 0.65 0.00	36.33 0.39 0.00	39.40 0.51 0.00	53.98 0.52 0.04	42.90 0.92 0.00	34.14 0.87 0.00	27.13 0.92 0.00	24.38 0.73 0.00	30.58 1.16 0.00	34.35 1.24 0.00	31.42 1.24 0.00	33.25 0.92 0.00	39.64 0.70 0.00	54.08 0.83 0.00	51.30 -0.04 2.08	46.62 -0.04 3.06	46.89 0.19 0.00	37.57 -0.23 6.68	38.42 0.11 0.21	36.52 0.36 0.00
HOLTSVILLE_IC_6 23695	50.47 0.84 0.00	47.65 1.27 0.00	40.40 0.92 0.00	39.69 1.02 0.00	37.36 0.76 0.00	36.44 0.50 0.00	39.54 0.64 0.00	54.18 0.72 0.04	43.07 1.09 0.00	34.26 1.00 0.00	27.23 1.02 0.00	24.45 0.80 0.00	30.67 1.25 0.00	34.46 1.35 0.00	31.52 1.34 0.00	33.37 1.04 0.00	39.81 0.87 0.00	54.35 1.10 0.00	51.59 0.23 2.05	46.91 0.20 3.02	47.14 0.44 0.00	37.88 -0.02 6.59	38.61 0.30 0.20	36.68 0.53 0.00
HOLTSVILLE_IC_7 23696	50.47 0.84 0.00	47.65 1.27 0.00	40.40 0.92 0.00	39.69 1.02 0.00	37.36 0.76 0.00	36.44 0.50 0.00	39.54 0.64 0.00	54.18 0.72 0.04	43.07 1.09 0.00	34.26 1.00 0.00	27.23 1.02 0.00	24.45 0.80 0.00	30.67 1.25 0.00	34.46 1.35 0.00	31.52 1.34 0.00	33.37 1.04 0.00	39.81 0.87 0.00	54.35 1.10 0.00	51.59 0.23 2.05	46.91 0.20 3.02	47.14 0.44 0.00	37.88 -0.02 6.59	38.61 0.30 0.20	36.68 0.53 0.00
HOLTSVILLE_IC_8 23697	50.47 0.84 0.00	47.65 1.27 0.00	40.40 0.92 0.00	39.69 1.02 0.00	37.36 0.76 0.00	36.44 0.50 0.00	39.54 0.64 0.00	54.18 0.72 0.04	43.07 1.09 0.00	34.26 1.00 0.00	27.23 1.02 0.00	24.45 0.80 0.00	30.67 1.25 0.00	34.46 1.35 0.00	31.52 1.34 0.00	33.37 1.04 0.00	39.81 0.87 0.00	54.35 1.10 0.00	51.59 0.23 2.05	46.91 0.20 3.02	47.14 0.44 0.00	37.88 -0.02 6.59	38.61 0.30 0.20	36.68 0.53 0.00
HOLTSVILLE_IC_9 23698	50.47 0.84 0.00	47.65 1.27 0.00	40.40 0.92 0.00	39.69 1.02 0.00	37.36 0.76 0.00	36.44 0.50 0.00	39.54 0.64 0.00	54.18 0.72 0.04	43.07 1.09 0.00	34.26 1.00 0.00	27.23 1.02 0.00	24.45 0.80 0.00	30.67 1.25 0.00	34.46 1.35 0.00	31.52 1.34 0.00	33.37 1.04 0.00	39.81 0.87 0.00	54.35 1.10 0.00	51.59 0.23 2.05	46.91 0.20 3.02	47.14 0.44 0.00	37.88 -0.02 6.59	38.61 0.30 0.20	36.68 0.53 0.00
HOMER_HL_115KV_TB2 355744	49.72 0.09 0.00	46.18 -0.21 0.00	39.12 -0.35 0.00	38.54 -0.13 0.00	36.62 0.03 0.00	35.92 -0.03 0.00	38.85 -0.04 0.00	53.77 0.28 0.00	41.86 -0.11 0.00	33.21 -0.06 0.00	26.24 0.03 0.00	23.53 -0.12 0.00	29.22 -0.21 0.00	32.73 -0.39 0.00	29.72 -0.47 0.00	31.83 -0.50 0.00	38.25 -0.69 0.00	51.64 -1.61 0.00	52.42 -0.99 0.00	48.42 -1.31 0.00	45.01 -1.69 0.00	43.31 -1.18 0.00	37.67 -0.85 0.00	35.52 -0.64 0.00
HOWARD_WT_PWR 323690	50.38 0.74 0.00	46.79 0.41 0.00	39.65 0.17 0.00	38.98 0.31 0.00	36.98 0.38 0.00	36.29 0.35 0.00	39.40 0.50 0.00	54.45 0.95 0.00	42.31 0.33 0.00	33.19 -0.08 0.00	26.11 -0.10 0.00	23.44 -0.21 0.00	29.08 -0.34 0.00	32.50 -0.62 0.00	29.56 -0.62 0.00	31.55 -0.77 0.00	38.27 -0.67 0.00	52.62 -0.63 0.00	53.64 0.23 0.00	49.59 -0.14 0.00	46.06 -0.64 0.00	44.22 -0.27 0.00	38.32 -0.19 0.00	36.12 -0.04 0.00
HQ_GEN_CEDARS 23644	51.38 1.75 0.00	47.98 1.59 0.00	40.82 1.34 0.00	39.94 1.27 0.00	37.84 1.25 0.00	37.02 1.08 0.00	40.04 1.15 0.00	55.19 1.70 0.00	43.29 1.31 0.00	34.16 0.89 0.00	26.99 0.78 0.00	24.35 0.70 0.00	30.38 0.96 0.00	34.20 1.09 0.00	31.21 1.02 0.00	33.44 1.11 0.00	40.32 1.38 0.00	55.23 1.98 0.00	55.56 2.15 0.00	51.70 1.97 0.00	48.44 1.74 0.00	46.10 1.61 0.00	39.92 1.40 0.00	37.53 1.38 0.00
HQ_GEN_CEDARS_PROXY 323590	51.38 1.75 0.00	47.98 1.59 0.00	40.81 1.33 0.00	39.94 1.27 0.00	37.84 1.25 0.00	37.02 1.08 0.00	40.04 1.15 0.00	55.20 1.70 0.00	43.29 1.31 0.00	34.16 0.89 0.00	26.99 0.78 0.00	24.35 0.70 0.00	30.38 0.95 0.00	34.20 1.09 0.00	31.20 1.02 0.00	33.44 1.11 0.00	40.33 1.38 0.00	55.23 1.99 0.00	55.57 2.15 0.00	51.70 1.97 0.00	48.44 1.74 0.00	46.10 1.61 0.00	39.91 1.40 0.00	37.53 1.38 0.00

HQ_GEN_IMPORT 323601	50.19 0.56 0.00	46.90 0.52 0.00	39.91 0.43 0.00	39.07 0.40 0.00	37.00 0.40 0.00	36.27 0.32 0.00	39.26 0.36 0.00	54.06 0.56 0.00	42.41 0.43 0.00	33.58 0.31 0.00	26.51 0.30 0.00	23.93 0.28 0.00	29.79 0.37 0.00	33.53 0.41 0.00	30.57 0.39 0.00	32.75 0.42 0.00	39.45 0.51 0.00	53.97 0.73 0.00	54.21 0.79 0.00	50.43 0.70 0.00	47.30 0.60 0.00	45.04 0.55 0.00	38.99 0.48 0.00	36.64 0.49 0.00
HQ_GEN_WHEEL 23651	50.19 0.56 0.00	46.90 0.52 0.00	39.91 0.43 0.00	39.07 0.40 0.00	37.00 0.40 0.00	36.27 0.32 0.00	39.26 0.36 0.00	54.06 0.56 0.00	42.41 0.43 0.00	33.58 0.31 0.00	26.51 0.30 0.00	23.93 0.28 0.00	29.79 0.37 0.00	33.53 0.41 0.00	30.57 0.39 0.00	32.75 0.42 0.00	39.45 0.51 0.00	53.97 0.73 0.00	54.21 0.79 0.00	50.43 0.70 0.00	47.30 0.60 0.00	45.04 0.55 0.00	38.99 0.48 0.00	36.64 0.49 0.00
HUDSON AVE_GT_3 23810	51.38 1.75 0.00	48.06 1.68 0.00	40.77 1.29 0.00	39.88 1.21 0.00	37.70 1.10 0.00	37.22 1.28 0.00	40.23 1.33 0.00	55.37 1.87 0.00	43.72 1.74 0.00	35.00 1.73 0.00	27.63 1.42 0.00	25.00 1.35 0.00	31.06 1.63 0.00	34.90 1.79 0.00	31.82 1.64 0.00	33.91 1.58 0.00	40.41 1.47 0.00	54.94 1.70 0.00	55.07 1.65 0.00	51.26 1.53 0.00	47.96 1.26 0.00	45.55 1.06 0.00	39.50 0.98 0.00	37.13 0.98 0.00
HUDSON AVE_GT_4 23540	51.38 1.75 0.00	48.06 1.68 0.00	40.77 1.29 0.00	39.88 1.21 0.00	37.70 1.10 0.00	37.22 1.28 0.00	40.23 1.33 0.00	55.37 1.87 0.00	43.72 1.74 0.00	35.00 1.73 0.00	27.63 1.42 0.00	25.00 1.35 0.00	31.06 1.63 0.00	34.90 1.79 0.00	31.82 1.64 0.00	33.91 1.58 0.00	40.41 1.47 0.00	54.94 1.70 0.00	55.07 1.65 0.00	51.26 1.53 0.00	47.96 1.26 0.00	45.55 1.06 0.00	39.50 0.98 0.00	37.13 0.98 0.00
HUDSON AVE_GT_5 23657	51.38 1.75 0.00	48.06 1.68 0.00	40.77 1.29 0.00	39.88 1.21 0.00	37.70 1.10 0.00	37.22 1.28 0.00	40.23 1.33 0.00	55.37 1.87 0.00	43.72 1.74 0.00	35.00 1.73 0.00	27.63 1.42 0.00	25.00 1.35 0.00	31.06 1.63 0.00	34.90 1.79 0.00	31.82 1.64 0.00	33.91 1.58 0.00	40.41 1.47 0.00	54.94 1.70 0.00	55.07 1.65 0.00	51.26 1.53 0.00	47.96 1.26 0.00	45.55 1.06 0.00	39.50 0.98 0.00	37.13 0.98 0.00
HUDSON_AVE_10 24168	42.36 1.47 8.74	36.32 1.42 11.49	36.26 1.07 4.28	36.12 1.00 3.54	36.64 0.91 0.86	37.04 1.10 0.00	40.02 1.13 0.00	55.09 1.60 0.00	43.49 1.51 0.00	34.83 1.56 0.00	27.52 1.31 0.00	24.90 1.25 0.00	30.92 1.50 0.00	34.74 1.63 0.00	31.68 1.50 0.00	33.74 1.42 0.00	40.20 1.26 0.00	54.63 1.39 0.00	54.78 1.36 0.00	51.00 1.27 0.00	47.70 1.00 0.00	45.32 0.84 0.00	39.30 0.78 0.00	36.95 0.80 0.00
HUDSON___115KV_TB 4 355613	50.43 0.80 0.00	47.14 0.75 0.00	40.14 0.66 0.00	39.31 0.64 0.00	37.18 0.58 0.00	36.62 0.68 0.00	39.63 0.73 0.00	54.33 0.83 0.00	42.67 0.69 0.00	33.63 0.36 0.00	26.35 0.14 0.00	23.75 0.10 0.00	29.57 0.14 0.00	33.37 0.26 0.00	30.40 0.21 0.00	32.63 0.31 0.00	39.32 0.38 0.00	54.12 0.87 0.00	54.37 0.96 0.00	50.75 1.02 0.00	47.72 1.02 0.00	45.39 0.91 0.00	39.19 0.68 0.00	36.68 0.52 0.00
HUNTER MOUNT___DRP 323613	50.58 0.95 0.00	47.27 0.89 0.00	40.25 0.77 0.00	39.42 0.75 0.00	37.29 0.69 0.00	36.73 0.79 0.00	39.76 0.86 0.00	54.54 1.04 0.00	42.84 0.86 0.00	33.71 0.44 0.00	26.37 0.16 0.00	23.76 0.11 0.00	29.61 0.18 0.00	33.45 0.33 0.00	30.43 0.25 0.00	32.72 0.39 0.00	39.49 0.55 0.00	54.38 1.14 0.00	54.69 1.28 0.00	51.02 1.30 0.00	47.97 1.28 0.00	45.61 1.12 0.00	39.36 0.84 0.00	36.80 0.65 0.00
HUNTINGTON_RES_REC 323705	50.23 0.60 0.00	47.42 1.03 0.00	40.29 0.82 0.00	39.53 0.86 0.00	37.24 0.65 0.00	36.31 0.37 0.00	39.25 0.36 0.00	53.78 0.31 0.03	42.75 0.77 0.00	34.20 0.93 0.00	27.22 1.01 0.00	24.45 0.80 0.01	30.58 1.16 0.00	34.36 1.25 0.00	31.40 1.22 0.00	33.19 0.87 0.00	39.53 0.59 0.00	53.96 0.72 0.00	51.44 0.06 2.03	46.77 0.04 3.00	46.90 0.20 0.00	37.75 -0.18 6.55	38.42 0.11 0.20	36.54 0.39 0.00
HUNTLEY___63 23557	49.36 -0.27 0.00	45.67 -0.72 0.00	38.64 -0.84 0.00	37.97 -0.71 0.00	36.20 -0.39 0.00	35.40 -0.55 0.00	38.31 -0.58 0.00	52.83 -0.67 0.00	41.08 -0.90 0.00	32.68 -0.59 0.00	26.01 -0.20 0.00	23.29 -0.37 0.00	29.07 -0.36 0.00	32.55 -0.57 0.00	29.66 -0.52 0.00	31.78 -0.55 0.00	38.14 -0.80 0.00	51.36 -1.88 0.00	52.01 -1.40 0.00	48.03 -1.70 0.00	44.56 -2.14 0.00	43.11 -1.38 0.00	37.77 -0.75 0.00	35.72 -0.43 0.00
HUNTLEY___64 23558	49.36 -0.27 0.00	45.67 -0.72 0.00	38.64 -0.84 0.00	37.97 -0.71 0.00	36.20 -0.39 0.00	35.40 -0.55 0.00	38.31 -0.58 0.00	52.83 -0.67 0.00	41.08 -0.90 0.00	32.68 -0.59 0.00	26.01 -0.20 0.00	23.29 -0.37 0.00	29.07 -0.36 0.00	32.55 -0.57 0.00	29.66 -0.52 0.00	31.78 -0.55 0.00	38.14 -0.80 0.00	51.36 -1.88 0.00	52.01 -1.40 0.00	48.03 -1.70 0.00	44.56 -2.14 0.00	43.11 -1.38 0.00	37.77 -0.75 0.00	35.72 -0.43 0.00
HUNTLEY___65 23559	49.36 -0.27 0.00	45.67 -0.72 0.00	38.64 -0.84 0.00	37.97 -0.71 0.00	36.20 -0.39 0.00	35.40 -0.55 0.00	38.31 -0.58 0.00	52.83 -0.67 0.00	41.08 -0.90 0.00	32.68 -0.59 0.00	26.01 -0.20 0.00	23.29 -0.37 0.00	29.07 -0.36 0.00	32.55 -0.57 0.00	29.66 -0.52 0.00	31.78 -0.55 0.00	38.14 -0.80 0.00	51.36 -1.88 0.00	52.01 -1.40 0.00	48.03 -1.70 0.00	44.56 -2.14 0.00	43.11 -1.38 0.00	37.77 -0.75 0.00	35.72 -0.43 0.00
HUNTLEY___66 23560	49.36 -0.27 0.00	45.67 -0.72 0.00	38.64 -0.84 0.00	37.97 -0.71 0.00	36.20 -0.39 0.00	35.40 -0.55 0.00	38.31 -0.58 0.00	52.83 -0.67 0.00	41.08 -0.90 0.00	32.68 -0.59 0.00	26.01 -0.20 0.00	23.29 -0.37 0.00	29.07 -0.36 0.00	32.55 -0.57 0.00	29.66 -0.52 0.00	31.78 -0.55 0.00	38.14 -0.80 0.00	51.36 -1.88 0.00	52.01 -1.40 0.00	48.03 -1.70 0.00	44.56 -2.14 0.00	43.11 -1.38 0.00	37.77 -0.75 0.00	35.72 -0.43 0.00
HUNTLEY___67 23561	49.09 -0.54 0.00	45.42 -0.96 0.00	38.43 -1.05 0.00	37.77 -0.90 0.00	35.99 -0.61 0.00	35.20 -0.74 0.00	38.09 -0.81 0.00	52.57 -0.93 0.00	40.88 -1.10 0.00	32.55 -0.72 0.00	25.88 -0.33 0.00	23.18 -0.47 0.00	28.93 -0.50 0.00	32.41 -0.70 0.00	29.54 -0.65 0.00	31.64 -0.68 0.00	37.97 -0.98 0.00	51.14 -2.10 0.00	51.78 -1.63 0.00	47.79 -1.93 0.00	44.35 -2.35 0.00	42.87 -1.61 0.00	37.50 -1.01 0.00	35.46 -0.70 0.00
HUNTLEY___68 23562	49.09 -0.54 0.00	45.42 -0.96 0.00	38.43 -1.05 0.00	37.77 -0.90 0.00	35.99 -0.61 0.00	35.20 -0.74 0.00	38.09 -0.81 0.00	52.57 -0.93 0.00	40.88 -1.10 0.00	32.55 -0.72 0.00	25.88 -0.33 0.00	23.18 -0.47 0.00	28.93 -0.50 0.00	32.41 -0.70 0.00	29.54 -0.65 0.00	31.64 -0.68 0.00	37.97 -0.98 0.00	51.14 -2.10 0.00	51.78 -1.63 0.00	47.79 -1.93 0.00	44.35 -2.35 0.00	42.87 -1.61 0.00	37.50 -1.01 0.00	35.46 -0.70 0.00

HYLAND___LFGE 323620	51.92 2.29 0.00	48.18 1.80 0.00	40.83 1.35 0.00	40.08 1.41 0.00	38.09 1.50 0.00	37.40 1.46 0.00	40.65 1.76 0.00	56.26 2.76 0.00	43.77 1.79 0.00	34.00 0.73 0.00	26.39 0.18 0.00	23.70 0.05 0.00	29.59 0.16 0.00	33.04 -0.07 0.00	30.04 -0.14 0.00	32.16 -0.17 0.00	38.90 -0.04 0.00	53.58 0.34 0.00	55.88 2.47 0.00	52.01 2.28 0.00	48.36 1.66 0.00	46.35 1.86 0.00	40.10 1.58 0.00	37.65 1.50 0.00
INDECK___CORINTH 23802	50.69 1.06 0.00	47.41 1.02 0.00	40.40 0.92 0.00	39.62 0.96 0.00	37.53 0.93 0.00	36.86 0.92 0.00	39.88 0.99 0.00	54.41 0.92 0.00	42.69 0.71 0.00	33.72 0.45 0.00	26.30 0.09 0.00	23.71 0.05 0.00	29.56 0.13 0.00	33.40 0.29 0.00	30.38 0.20 0.00	32.79 0.46 0.00	39.84 0.91 0.00	54.55 1.31 0.00	54.51 1.09 0.00	50.96 1.22 0.00	48.06 1.36 0.00	45.66 1.17 0.00	39.41 0.90 0.00	36.76 0.60 0.00
INDECK___ILION 23567	50.64 1.01 0.00	47.31 0.93 0.00	40.27 0.78 0.00	39.44 0.77 0.00	37.30 0.70 0.00	36.74 0.79 0.00	39.74 0.85 0.00	54.59 1.09 0.00	42.71 0.73 0.00	33.60 0.33 0.00	26.33 0.12 0.00	23.72 0.07 0.00	29.47 0.05 0.00	33.31 0.20 0.00	30.32 0.14 0.00	32.56 0.24 0.00	39.44 0.49 0.00	54.16 0.91 0.00	54.43 1.02 0.00	50.73 1.00 0.00	47.70 1.01 0.00	45.48 0.99 0.00	39.30 0.78 0.00	36.81 0.66 0.00
INDECK___OLEAN 23982	48.43 0.10 1.30	44.94 -0.20 1.24	38.02 -0.33 1.13	37.02 -0.12 1.53	35.17 0.06 1.49	34.91 -0.03 1.00	37.40 -0.04 1.46	52.17 0.28 1.61	39.39 -0.08 2.51	31.42 -0.05 1.80	25.68 0.03 0.56	23.53 -0.12 0.00	29.21 -0.21 0.00	32.57 -0.39 0.16	29.63 -0.45 0.10	31.01 -0.52 0.80	37.19 -0.69 1.06	51.34 -1.61 0.29	52.41 -1.01 0.00	48.43 -1.31 0.00	45.01 -1.69 0.00	43.31 -1.18 0.00	37.67 -0.85 0.00	35.51 -0.64 0.00
INDECK___OSWEGO 23783	48.29 -1.34 0.00	45.12 -1.27 0.00	38.39 -1.09 0.00	37.62 -1.05 0.00	35.61 -0.99 0.00	35.01 -0.94 0.00	37.91 -0.99 0.00	52.17 -1.33 0.00	40.89 -1.09 0.00	32.34 -0.93 0.00	25.41 -0.80 0.00	22.94 -0.71 0.00	28.53 -0.90 0.00	32.07 -1.05 0.00	29.21 -0.97 0.00	31.31 -1.02 0.00	37.80 -1.14 0.00	51.79 -1.46 0.00	52.02 -1.39 0.00	48.42 -1.32 0.00	45.49 -1.20 0.00	43.39 -1.10 0.00	37.53 -0.98 0.00	35.20 -0.95 0.00
INDECK___YERKES 23781	48.53 -0.22 0.89	44.86 -0.68 0.85	37.91 -0.79 0.77	36.98 -0.65 1.04	35.25 -0.34 1.01	34.74 -0.52 0.69	37.36 -0.54 0.99	51.78 -0.63 1.09	39.43 -0.84 1.71	31.48 -0.56 1.23	25.65 -0.18 0.38	23.30 -0.35 0.00	29.08 -0.34 0.00	32.45 -0.55 0.11	29.63 -0.48 0.07	31.26 -0.51 0.55	37.45 -0.77 0.72	51.20 -1.85 0.20	52.03 -1.39 0.00	48.07 -1.66 0.00	44.58 -2.11 0.00	43.13 -1.36 0.00	37.79 -0.73 0.00	35.75 -0.40 0.00
INDIAN POINT_GT_1 24139	51.02 1.39 0.00	47.74 1.35 0.00	40.50 1.02 0.00	39.65 0.98 0.00	37.47 0.88 0.00	36.97 1.03 0.00	39.95 1.06 0.00	54.98 1.48 0.00	43.37 1.40 0.00	34.68 1.41 0.00	27.37 1.15 0.00	24.75 1.10 0.00	30.75 1.32 0.00	34.56 1.44 0.00	31.50 1.32 0.00	33.59 1.27 0.00	40.08 1.14 0.00	54.53 1.29 0.00	54.61 1.20 0.00	50.85 1.12 0.00	47.62 0.93 0.00	45.26 0.77 0.00	39.26 0.74 0.00	36.88 0.73 0.00
INDIAN POINT_GT_2 23659	51.02 1.39 0.00	47.74 1.35 0.00	40.50 1.02 0.00	39.65 0.98 0.00	37.47 0.88 0.00	36.97 1.03 0.00	39.95 1.06 0.00	54.98 1.48 0.00	43.37 1.40 0.00	34.68 1.41 0.00	27.37 1.15 0.00	24.75 1.10 0.00	30.75 1.32 0.00	34.56 1.44 0.00	31.50 1.32 0.00	33.59 1.27 0.00	40.08 1.14 0.00	54.53 1.29 0.00	54.61 1.20 0.00	50.85 1.12 0.00	47.62 0.93 0.00	45.26 0.77 0.00	39.26 0.74 0.00	36.88 0.73 0.00
INDIAN POINT_GT_3 24019	51.02 1.39 0.00	47.74 1.35 0.00	40.50 1.02 0.00	39.65 0.98 0.00	37.47 0.88 0.00	36.97 1.03 0.00	39.95 1.06 0.00	54.98 1.48 0.00	43.37 1.40 0.00	34.68 1.41 0.00	27.37 1.15 0.00	24.75 1.10 0.00	30.75 1.32 0.00	34.56 1.44 0.00	31.50 1.32 0.00	33.59 1.27 0.00	40.08 1.14 0.00	54.53 1.29 0.00	54.61 1.20 0.00	50.85 1.12 0.00	47.62 0.93 0.00	45.26 0.77 0.00	39.26 0.74 0.00	36.88 0.73 0.00
INDIAN POINT___2 23530	51.00 1.37 0.00	47.72 1.33 0.00	40.47 0.99 0.00	39.61 0.94 0.00	37.43 0.84 0.00	36.96 1.02 0.00	39.94 1.05 0.00	54.98 1.48 0.00	43.36 1.38 0.00	34.67 1.40 0.00	27.37 1.16 0.00	24.76 1.10 0.00	30.75 1.32 0.00	34.56 1.45 0.00	31.49 1.31 0.00	33.59 1.26 0.00	40.07 1.13 0.00	54.50 1.26 0.00	54.59 1.17 0.00	50.83 1.10 0.00	47.60 0.91 0.00	45.24 0.75 0.00	39.25 0.73 0.00	36.87 0.72 0.00
INDIAN POINT___3 23531	51.00 1.37 0.00	47.72 1.33 0.00	40.48 1.00 0.00	39.62 0.95 0.00	37.45 0.85 0.00	36.96 1.01 0.00	39.94 1.04 0.00	54.96 1.46 0.00	43.35 1.37 0.00	34.67 1.40 0.00	27.36 1.14 0.00	24.74 1.09 0.00	30.75 1.32 0.00	34.55 1.44 0.00	31.49 1.31 0.00	33.58 1.25 0.00	40.07 1.13 0.00	54.50 1.26 0.00	54.57 1.15 0.00	50.82 1.09 0.00	47.61 0.91 0.00	45.25 0.76 0.00	39.25 0.73 0.00	36.87 0.72 0.00
INGHAM_C_115KV_TB7 356103	51.95 2.32 0.00	48.49 2.10 0.00	41.26 1.78 0.00	40.41 1.74 0.00	38.21 1.62 0.00	37.71 1.77 0.00	40.78 1.88 0.00	55.97 2.47 0.00	43.58 1.60 0.00	33.94 0.67 0.00	26.41 0.20 0.00	23.75 0.09 0.00	29.46 0.04 0.00	33.48 0.36 0.00	30.43 0.25 0.00	32.81 0.48 0.00	40.02 1.08 0.00	55.30 2.05 0.00	55.82 2.41 0.00	52.06 2.33 0.00	48.99 2.29 0.00	46.76 2.27 0.00	40.33 1.81 0.00	37.69 1.54 0.00
IP CORINTH___1 23988	50.98 1.35 0.00	47.69 1.30 0.00	40.62 1.14 0.00	39.82 1.16 0.00	37.72 1.12 0.00	37.06 1.12 0.00	40.12 1.22 0.00	54.74 1.24 0.00	42.94 0.96 0.00	33.92 0.65 0.00	26.46 0.24 0.00	23.83 0.17 0.00	29.72 0.29 0.00	33.58 0.47 0.00	30.56 0.37 0.00	32.98 0.65 0.00	40.08 1.14 0.00	54.88 1.64 0.00	54.82 1.41 0.00	51.24 1.51 0.00	48.34 1.64 0.00	45.92 1.43 0.00	39.63 1.12 0.00	36.97 0.82 0.00
IP___TICONDEROGA 23804	53.61 3.98 0.00	50.15 3.76 0.00	42.50 3.02 0.00	41.60 2.93 0.00	39.46 2.87 0.00	39.01 3.07 0.00	42.46 3.56 0.00	57.49 4.00 0.00	45.13 3.15 0.00	35.59 2.33 0.00	27.43 1.22 0.00	24.57 0.92 0.00	30.73 1.30 0.00	34.88 1.77 0.00	31.74 1.56 0.00	34.67 2.35 0.00	42.33 3.39 0.00	57.60 4.35 0.00	57.42 4.00 0.00	54.16 4.43 0.00	51.36 4.67 0.00	48.55 4.06 0.00	41.63 3.12 0.00	38.65 2.49 0.00
ISLIP_RES_REC 323679	50.62 0.98 0.00	47.77 1.38 0.00	40.51 1.04 0.00	39.79 1.12 0.00	37.47 0.87 0.00	36.55 0.61 0.00	39.66 0.76 0.00	54.35 0.89 0.03	43.19 1.21 0.00	34.37 1.10 0.00	27.31 1.10 0.00	24.50 0.85 0.00	30.73 1.31 0.00	34.53 1.42 0.00	31.58 1.40 0.00	33.45 1.13 0.00	39.96 1.02 0.00	54.58 1.34 0.00	51.83 0.44 2.03	47.16 0.43 3.00	47.34 0.64 0.00	38.10 0.15 6.53	38.76 0.44 0.20	36.81 0.66 0.00

JAMAICA__27_KV_LOAD 355505	42.43 1.53 8.74	36.38 1.48 11.49	36.30 1.10 4.28	36.17 1.04 3.54	36.67 0.94 0.86	37.08 1.14 0.00	40.06 1.16 0.00	55.16 1.66 0.00	43.56 1.58 0.00	34.89 1.62 0.00	27.65 1.44 0.00	25.01 1.36 0.00	31.04 1.62 0.00	34.87 1.76 0.00	31.82 1.64 0.00	33.84 1.51 0.00	40.31 1.37 0.00	54.69 1.44 0.00	54.95 1.54 0.00	51.19 1.46 0.00	47.81 1.11 0.00	45.47 0.99 0.00	39.40 0.89 0.00	37.05 0.89 0.00
JANIS__SOLAR 323808	51.70 1.81 -0.26	48.22 1.58 -0.25	40.95 1.25 -0.22	40.32 1.34 -0.30	38.17 1.29 -0.29	37.47 1.33 -0.20	40.73 1.54 -0.29	56.20 2.38 -0.32	44.15 1.67 -0.50	34.53 0.91 -0.36	26.72 0.40 -0.11	24.02 0.37 0.00	29.65 0.22 0.00	33.39 0.24 -0.03	30.27 0.07 -0.02	32.66 0.18 -0.16	39.84 0.69 -0.21	55.10 1.80 -0.06	55.88 2.47 0.00	51.79 2.05 0.00	48.55 1.85 0.00	46.24 1.75 0.00	39.96 1.44 0.00	37.42 1.26 0.00
JARVIS____ 23743	49.66 0.03 0.00	46.43 0.05 0.00	39.52 0.04 0.00	38.71 0.04 0.00	36.63 0.04 0.00	36.00 0.06 0.00	38.96 0.07 0.00	53.55 0.05 0.00	42.02 0.04 0.00	33.30 0.03 0.00	26.20 -0.01 0.00	23.63 -0.02 0.00	29.40 -0.03 0.00	33.10 -0.01 0.00	30.18 -0.01 0.00	32.31 -0.01 0.00	38.94 0.00 0.00	53.23 -0.01 0.00	53.36 -0.05 0.00	49.71 -0.02 0.00	46.70 0.00 0.00	44.50 0.01 0.00	38.52 0.00 0.00	36.13 -0.03 0.00
JENNISON____1 23625	51.58 1.95 0.00	48.09 1.70 0.00	40.64 1.16 0.00	40.10 1.43 0.00	37.93 1.33 0.00	37.33 1.39 0.00	40.44 1.55 0.00	55.81 2.31 0.00	43.72 1.74 0.00	34.53 1.26 0.00	27.13 0.91 0.00	24.47 0.82 0.00	30.26 0.84 0.00	33.93 0.82 0.00	30.91 0.72 0.00	33.15 0.82 0.00	40.25 1.31 0.00	55.41 2.17 0.00	55.80 2.39 0.00	51.60 1.87 0.00	48.37 1.67 0.00	45.91 1.42 0.00	39.74 1.22 0.00	37.10 0.95 0.00
JENNISON____2 23626	51.58 1.95 0.00	48.09 1.70 0.00	40.64 1.16 0.00	40.10 1.43 0.00	37.93 1.33 0.00	37.33 1.39 0.00	40.44 1.55 0.00	55.81 2.31 0.00	43.72 1.74 0.00	34.53 1.26 0.00	27.13 0.91 0.00	24.47 0.82 0.00	30.26 0.84 0.00	33.93 0.82 0.00	30.91 0.72 0.00	33.15 0.82 0.00	40.25 1.31 0.00	55.41 2.17 0.00	55.80 2.39 0.00	51.60 1.87 0.00	48.37 1.67 0.00	45.91 1.42 0.00	39.74 1.22 0.00	37.10 0.95 0.00
JERICOHO_RISE_WT_PWR 323719	50.82 1.19 0.00	47.40 1.02 0.00	40.37 0.89 0.00	39.51 0.84 0.00	37.48 0.88 0.00	36.66 0.72 0.00	39.56 0.67 0.00	54.48 0.98 0.00	42.83 0.85 0.00	33.93 0.66 0.00	26.80 0.59 0.00	24.19 0.53 0.00	30.13 0.71 0.00	33.87 0.75 0.00	30.90 0.72 0.00	33.10 0.78 0.00	39.78 0.84 0.00	54.34 1.10 0.00	54.59 1.18 0.00	50.80 1.07 0.00	47.57 0.87 0.00	45.22 0.74 0.00	39.22 0.70 0.00	37.03 0.88 0.00
KATONAH__115KV_46KV_TB4 355592	51.22 1.59 0.00	47.93 1.54 0.00	40.67 1.19 0.00	39.80 1.13 0.00	37.62 1.02 0.00	37.10 1.16 0.00	40.10 1.21 0.00	55.17 1.67 0.00	43.54 1.56 0.00	34.81 1.54 0.00	27.47 1.26 0.00	24.83 1.18 0.00	30.85 1.42 0.00	34.68 1.57 0.00	31.61 1.43 0.00	33.72 1.40 0.00	40.26 1.32 0.00	54.79 1.55 0.00	54.89 1.47 0.00	51.13 1.39 0.00	47.89 1.19 0.00	45.50 1.01 0.00	39.45 0.93 0.00	37.05 0.90 0.00
KCE_NY_1 323755	51.26 1.63 0.00	47.90 1.51 0.00	40.80 1.32 0.00	39.96 1.29 0.00	37.84 1.24 0.00	37.23 1.28 0.00	40.31 1.42 0.00	55.15 1.65 0.00	43.24 1.26 0.00	34.18 0.91 0.00	26.75 0.54 0.00	24.09 0.44 0.00	30.04 0.62 0.00	33.89 0.77 0.00	30.87 0.68 0.00	33.21 0.88 0.00	40.26 1.31 0.00	55.15 1.91 0.00	55.11 1.70 0.00	51.45 1.72 0.00	48.44 1.74 0.00	46.08 1.59 0.00	39.78 1.27 0.00	37.19 1.04 0.00
KCE_NY_6_ESR 323823	48.59 -0.05 1.00	44.92 -0.51 0.95	37.96 -0.65 0.87	37.00 -0.50 1.17	35.23 -0.22 1.14	34.79 -0.38 0.77	37.36 -0.41 1.12	51.91 -0.35 1.23	39.43 -0.63 1.92	31.46 -0.43 1.38	25.66 -0.13 0.43	23.37 -0.28 0.00	29.14 -0.28 0.00	32.51 -0.48 0.12	29.67 -0.44 0.08	31.25 -0.46 0.61	37.46 -0.67 0.81	51.47 -1.55 0.22	52.36 -1.06 0.00	48.35 -1.38 0.00	44.86 -1.84 0.00	43.31 -1.18 0.00	37.80 -0.71 0.00	35.75 -0.40 0.00
KEDC PORT_JEFF_GT2 24210	50.39 0.76 0.00	47.57 1.19 0.00	40.36 0.88 0.00	39.63 0.96 0.00	37.32 0.72 0.00	36.41 0.47 0.00	39.48 0.58 0.00	54.10 0.64 0.04	43.00 1.03 0.00	34.23 0.96 0.00	27.21 1.00 0.00	24.43 0.78 0.00	30.64 1.22 0.00	34.43 1.31 0.00	31.49 1.31 0.00	33.33 1.01 0.00	39.76 0.82 0.00	54.24 1.00 0.00	51.36 0.00 2.06	46.70 0.01 3.04	47.06 0.36 0.00	37.79 -0.08 6.63	38.54 0.23 0.20	36.62 0.47 0.00
KEDC PORT_JEFF_GT3 24211	50.39 0.76 0.00	47.57 1.19 0.00	40.36 0.88 0.00	39.63 0.96 0.00	37.32 0.72 0.00	36.41 0.47 0.00	39.48 0.58 0.00	54.10 0.64 0.04	43.00 1.03 0.00	34.23 0.96 0.00	27.21 1.00 0.00	24.43 0.78 0.00	30.64 1.22 0.00	34.43 1.31 0.00	31.49 1.31 0.00	33.33 1.01 0.00	39.76 0.82 0.00	54.24 1.00 0.00	51.36 0.00 2.06	46.70 0.01 3.04	47.06 0.36 0.00	37.79 -0.08 6.63	38.54 0.23 0.20	36.62 0.47 0.00
KEDC_GLWD_GT4 24219	51.21 1.58 0.00	48.02 1.63 0.00	40.74 1.26 0.00	39.88 1.21 0.00	37.65 1.05 0.00	37.03 1.09 0.00	40.01 1.11 0.00	54.98 1.49 0.01	43.49 1.51 0.00	34.82 1.55 0.00	27.56 1.35 0.00	24.87 1.22 0.00	30.96 1.54 0.00	34.80 1.69 0.00	31.75 1.57 0.00	33.76 1.43 0.00	40.25 1.30 0.00	54.78 1.54 0.00	54.12 1.33 0.62	50.05 1.24 0.92	47.82 1.12 0.00	43.32 0.83 2.01	39.33 0.88 0.06	37.11 0.95 0.00
KEDC_GLWD_GT5 24220	51.21 1.58 0.00	48.02 1.63 0.00	40.74 1.26 0.00	39.88 1.21 0.00	37.65 1.05 0.00	37.03 1.09 0.00	40.01 1.11 0.00	54.98 1.49 0.01	43.49 1.51 0.00	34.82 1.55 0.00	27.56 1.35 0.00	24.87 1.22 0.00	30.96 1.54 0.00	34.80 1.69 0.00	31.75 1.57 0.00	33.76 1.43 0.00	40.25 1.30 0.00	54.78 1.54 0.00	54.12 1.33 0.62	50.05 1.24 0.92	47.82 1.12 0.00	43.32 0.83 2.01	39.33 0.88 0.06	37.11 0.95 0.00
KENSICO____ 23655	51.11 1.48 0.00	47.83 1.44 0.00	40.58 1.09 0.00	39.72 1.05 0.00	37.54 0.94 0.00	37.02 1.08 0.00	40.01 1.12 0.00	55.05 1.56 0.00	43.44 1.46 0.00	34.75 1.48 0.00	27.43 1.22 0.00	24.80 1.15 0.00	30.81 1.39 0.00	34.64 1.52 0.00	31.58 1.39 0.00	33.66 1.33 0.00	40.16 1.22 0.00	54.63 1.38 0.00	54.70 1.28 0.00	50.94 1.21 0.00	47.70 1.01 0.00	45.33 0.84 0.00	39.31 0.80 0.00	36.95 0.80 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.56 1.93 0.00	48.21 1.82 0.00	40.91 1.43 0.00	40.04 1.37 0.00	37.84 1.24 0.00	37.33 1.38 0.00	40.36 1.47 0.00	55.59 2.09 0.00	43.84 1.87 0.00	34.89 1.63 0.00	27.40 1.19 0.00	24.73 1.08 0.00	30.75 1.33 0.00	34.41 1.30 0.00	31.32 1.14 0.00	33.41 1.09 0.00	40.12 1.18 0.00	54.73 1.48 0.00	54.98 1.57 0.00	51.22 1.49 0.00	48.02 1.33 0.00	45.94 1.45 0.00	39.81 1.30 0.00	37.34 1.19 0.00

KIAC_JFK_GT1 23816	42.13 1.24 8.74	36.11 1.21 11.49	36.08 0.88 4.28	35.95 0.82 3.54	36.46 0.72 0.86	36.84 0.90 0.00	39.67 0.77 0.00	54.62 1.12 0.00	43.14 1.16 0.00	34.56 1.29 0.00	27.48 1.27 0.00	24.88 1.23 0.00	30.87 1.45 0.00	34.69 1.58 0.00	31.65 1.47 0.00	33.66 1.33 0.00	40.02 1.08 0.00	54.15 0.91 0.00	54.55 1.14 0.00	50.83 1.10 0.00	47.37 0.67 0.00	45.12 0.63 0.00	39.13 0.62 0.00	36.82 0.67 0.00
KIAC_JFK_GT2 23817	42.13 1.24 8.74	36.11 1.21 11.49	36.08 0.88 4.28	35.95 0.82 3.54	36.46 0.72 0.86	36.84 0.90 0.00	39.67 0.77 0.00	54.62 1.12 0.00	43.14 1.16 0.00	34.56 1.29 0.00	27.48 1.27 0.00	24.88 1.23 0.00	30.87 1.45 0.00	34.69 1.58 0.00	31.65 1.47 0.00	33.66 1.33 0.00	40.02 1.08 0.00	54.15 0.91 0.00	54.55 1.14 0.00	50.83 1.10 0.00	47.37 0.67 0.00	45.12 0.63 0.00	39.13 0.62 0.00	36.82 0.67 0.00
KIAC_JFK____ 323774	42.13 1.23 8.74	36.10 1.21 11.49	36.07 0.87 4.28	35.94 0.81 3.54	36.41 0.67 0.86	36.84 0.89 0.00	39.66 0.77 0.00	54.61 1.11 0.00	43.12 1.14 0.00	34.56 1.29 0.00	27.48 1.27 0.00	24.88 1.23 0.00	30.87 1.45 0.00	34.69 1.58 0.00	31.65 1.47 0.00	33.66 1.33 0.00	40.02 1.08 0.00	54.15 0.90 0.00	54.56 1.14 0.00	50.83 1.10 0.00	47.37 0.67 0.00	45.12 0.63 0.00	39.13 0.62 0.00	36.82 0.67 0.00
KINTIGH__24_KV_GSU 356498	48.29 -0.57 0.76	44.72 -0.94 0.73	37.83 -0.99 0.66	36.92 -0.85 0.90	35.15 -0.57 0.87	34.63 -0.72 0.59	37.27 -0.77 0.85	51.67 -0.89 0.94	39.52 -0.98 1.47	31.54 -0.67 1.06	25.56 -0.33 0.33	23.20 -0.45 0.00	28.94 -0.49 0.00	32.35 -0.67 0.09	29.53 -0.60 0.06	31.22 -0.64 0.47	37.43 -0.89 0.62	51.20 -1.88 0.17	51.92 -1.49 0.00	47.97 -1.76 0.00	44.59 -2.11 0.00	43.02 -1.47 0.00	37.59 -0.93 0.00	35.49 -0.67 0.00
KINTIGH____ 23543	49.01 -0.62 0.00	45.40 -0.98 0.00	38.46 -1.02 0.00	37.78 -0.89 0.00	35.97 -0.62 0.00	35.20 -0.74 0.00	38.09 -0.80 0.00	52.57 -0.93 0.00	40.94 -1.04 0.00	32.57 -0.70 0.00	25.86 -0.35 0.00	23.18 -0.47 0.00	28.92 -0.51 0.00	32.42 -0.70 0.00	29.56 -0.63 0.00	31.66 -0.67 0.00	38.02 -0.92 0.00	51.32 -1.92 0.00	51.89 -1.52 0.00	47.94 -1.79 0.00	44.55 -2.15 0.00	43.00 -1.49 0.00	37.56 -0.96 0.00	35.46 -0.70 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	51.31 1.68 0.00	47.84 1.46 0.00	40.78 1.30 0.00	39.91 1.24 0.00	37.84 1.25 0.00	37.04 1.09 0.00	39.88 0.99 0.00	54.83 1.33 0.00	43.19 1.21 0.00	34.29 1.02 0.00	27.06 0.85 0.00	24.42 0.77 0.00	30.37 0.95 0.00	34.10 0.99 0.00	31.16 0.98 0.00	33.37 1.05 0.00	39.98 1.04 0.00	54.54 1.29 0.00	54.79 1.38 0.00	51.02 1.29 0.00	47.75 1.05 0.00	45.37 0.88 0.00	39.38 0.86 0.00	37.33 1.18 0.00
LACHUTE____HYDRO 323717	53.61 3.98 0.00	50.15 3.76 0.00	42.50 3.02 0.00	41.60 2.93 0.00	39.46 2.86 0.00	39.01 3.07 0.00	42.45 3.56 0.00	57.50 4.00 0.00	45.13 3.15 0.00	35.59 2.33 0.00	27.43 1.21 0.00	24.57 0.92 0.00	30.73 1.30 0.00	34.88 1.76 0.00	31.74 1.56 0.00	34.67 2.35 0.00	42.33 3.39 0.00	57.58 4.34 0.00	57.41 4.00 0.00	54.16 4.43 0.00	51.36 4.67 0.00	48.54 4.06 0.00	41.63 3.12 0.00	38.65 2.50 0.00
LAWRNCAY_115KV_TB1 80681	51.89 2.26 0.00	48.42 2.04 0.00	41.18 1.71 0.00	40.31 1.64 0.00	38.20 1.60 0.00	37.36 1.42 0.00	40.44 1.54 0.00	55.73 2.23 0.00	43.68 1.70 0.00	34.26 0.99 0.00	26.97 0.76 0.00	24.35 0.70 0.00	30.43 1.00 0.00	34.28 1.17 0.00	31.31 1.13 0.00	33.57 1.24 0.00	40.52 1.58 0.00	55.68 2.44 0.00	56.17 2.76 0.00	52.25 2.52 0.00	49.02 2.32 0.00	46.68 2.20 0.00	40.38 1.86 0.00	37.95 1.80 0.00
LEDERLE____ 23769	51.32 1.69 0.00	47.98 1.60 0.00	40.69 1.21 0.00	39.82 1.15 0.00	37.64 1.05 0.00	37.18 1.24 0.00	40.18 1.28 0.00	55.34 1.84 0.00	43.64 1.66 0.00	34.88 1.62 0.00	27.53 1.32 0.00	24.91 1.26 0.00	30.95 1.52 0.00	34.78 1.67 0.00	31.69 1.51 0.00	33.82 1.49 0.00	40.37 1.43 0.00	54.93 1.68 0.00	54.99 1.58 0.00	51.20 1.47 0.00	47.95 1.25 0.00	45.56 1.07 0.00	39.52 1.00 0.00	37.11 0.95 0.00
LIGHTHSE_115KV_TB6 355974	49.58 -0.05 0.00	46.29 -0.09 0.00	39.36 -0.12 0.00	38.58 -0.09 0.00	36.52 -0.08 0.00	35.90 -0.04 0.00	38.92 0.02 0.00	53.54 0.04 0.00	41.93 -0.05 0.00	32.97 -0.31 0.00	25.74 -0.47 0.00	23.22 -0.43 0.00	28.91 -0.51 0.00	32.52 -0.59 0.00	29.61 -0.57 0.00	31.80 -0.53 0.00	38.48 -0.46 0.00	52.95 -0.29 0.00	53.39 -0.02 0.00	49.69 -0.04 0.00	46.79 0.09 0.00	44.71 0.23 0.00	38.61 0.10 0.00	36.18 0.03 0.00
LINDEN COGEN____ 23786	51.06 1.43 0.00	47.77 1.39 0.00	40.50 1.02 0.00	39.62 0.95 0.00	37.46 0.86 0.00	37.01 1.07 0.00	40.00 1.11 0.00	55.06 1.56 0.00	43.45 1.47 0.00	34.81 1.54 0.00	27.50 1.29 0.00	24.89 1.24 0.00	30.90 1.47 0.00	34.72 1.61 0.00	31.65 1.47 0.00	33.73 1.40 0.00	40.18 1.24 0.00	54.63 1.39 0.00	54.74 1.33 0.00	50.96 1.23 0.00	47.68 0.99 0.00	45.30 0.81 0.00	39.30 0.78 0.00	36.94 0.79 0.00
LINDHRST_69_KV_BK1 356055	51.18 1.55 0.00	48.15 1.77 0.00	40.87 1.39 0.00	40.05 1.38 0.00	37.76 1.16 0.00	36.94 1.00 0.00	39.92 1.03 0.00	54.75 1.28 0.03	43.47 1.49 0.00	34.81 1.54 0.00	27.65 1.44 0.00	24.83 1.17 0.00	31.00 1.58 0.00	34.84 1.73 0.00	31.82 1.64 0.00	33.68 1.36 0.00	40.20 1.26 0.00	54.88 1.64 0.00	52.98 1.20 1.63	48.43 1.10 2.41	47.82 1.13 0.00	39.90 0.66 5.25	39.23 0.88 0.16	37.25 1.10 0.00
LIPA_MISC_IPP 23656	50.17 0.54 0.00	47.43 1.04 0.00	40.18 0.70 0.00	39.51 0.84 0.00	37.22 0.62 0.00	36.30 0.36 0.00	39.46 0.57 0.00	54.08 0.61 0.04	42.99 1.01 0.00	34.08 0.81 0.00	27.07 0.85 0.00	24.31 0.66 0.00	30.56 1.13 0.00	34.32 1.21 0.00	31.41 1.23 0.00	33.26 0.93 0.00	39.70 0.76 0.00	54.16 0.92 0.00	51.25 -0.10 2.07	46.58 -0.09 3.06	46.86 0.16 0.00	37.53 -0.29 6.67	38.38 0.07 0.21	36.47 0.31 0.00
LISF____SOLAR 323691	50.24 0.61 0.00	47.48 1.09 0.00	40.21 0.74 0.00	39.55 0.88 0.00	37.24 0.65 0.00	36.34 0.39 0.00	39.52 0.63 0.00	54.15 0.69 0.04	43.05 1.07 0.00	34.11 0.84 0.00	27.08 0.87 0.00	24.31 0.66 0.00	30.55 1.13 0.00	34.32 1.21 0.00	31.41 1.23 0.00	33.28 0.95 0.00	39.74 0.80 0.00	54.25 1.01 0.00	51.33 -0.01 2.07	46.66 -0.01 3.05	46.94 0.24 0.00	37.61 -0.23 6.65	38.45 0.14 0.20	36.52 0.37 0.00
LITTLE FALLS____HYD 24013	51.95 2.32 0.00	48.49 2.10 0.00	41.26 1.78 0.00	40.41 1.74 0.00	38.21 1.62 0.00	37.71 1.77 0.00	40.78 1.88 0.00	55.97 2.47 0.00	43.58 1.60 0.00	33.94 0.67 0.00	26.41 0.20 0.00	23.75 0.09 0.00	29.46 0.04 0.00	33.48 0.36 0.00	30.43 0.25 0.00	32.81 0.48 0.00	40.02 1.08 0.00	55.30 2.05 0.00	55.82 2.41 0.00	52.06 2.33 0.00	48.99 2.29 0.00	46.76 2.27 0.00	40.33 1.81 0.00	37.69 1.54 0.00

LITTLRIV_115KV_TB1 356100	52.53 2.90 0.00	49.01 2.62 0.00	41.68 2.20 0.00	40.78 2.11 0.00	38.63 2.03 0.00	37.80 1.86 0.00	40.94 2.04 0.00	56.46 2.96 0.00	44.18 2.20 0.00	34.39 1.12 0.00	27.04 0.82 0.00	24.40 0.75 0.00	30.52 1.09 0.00	34.46 1.35 0.00	31.54 1.35 0.00	33.81 1.49 0.00	40.91 1.97 0.00	56.37 3.13 0.00	57.07 3.65 0.00	53.08 3.35 0.00	49.79 3.09 0.00	47.39 2.90 0.00	40.94 2.43 0.00	38.46 2.31 0.00
LI_NEWBRDGE___DRP 323616	50.54 0.92 0.00	47.54 1.15 0.00	40.35 0.87 0.00	39.54 0.87 0.00	37.29 0.69 0.00	36.54 0.60 0.00	39.46 0.57 0.00	54.13 0.67 0.04	42.95 0.97 0.00	34.39 1.12 0.00	27.29 1.09 0.00	24.59 0.93 0.00	30.67 1.24 0.00	34.44 1.33 0.00	31.46 1.27 0.00	33.32 0.99 0.00	39.70 0.76 0.00	54.11 0.87 0.00	51.63 0.44 2.23	46.84 0.41 3.30	47.14 0.44 0.00	37.41 0.11 7.18	38.63 0.33 0.22	36.70 0.54 0.00
LOCKPORT_115KV_TB60_63_64 80432	49.04 -0.59 0.00	45.40 -0.98 0.00	38.41 -1.07 0.00	37.75 -0.93 0.00	36.00 -0.60 0.00	35.21 -0.73 0.00	38.09 -0.80 0.00	52.38 -1.12 0.00	40.73 -1.25 0.00	32.39 -0.88 0.00	25.81 -0.41 0.00	23.12 -0.54 0.00	28.87 -0.55 0.00	32.31 -0.80 0.00	29.45 -0.73 0.00	31.51 -0.81 0.00	37.81 -1.13 0.00	51.09 -2.15 0.00	51.86 -1.56 0.00	47.89 -1.84 0.00	44.44 -2.26 0.00	42.97 -1.52 0.00	37.60 -0.92 0.00	35.56 -0.59 0.00
LOCKPORT___CC1 323769	48.30 -0.55 0.77	44.66 -0.98 0.74	37.75 -1.06 0.67	36.85 -0.90 0.91	35.15 -0.56 0.88	34.60 -0.74 0.60	37.22 -0.80 0.87	51.46 -1.08 0.96	39.28 -1.20 1.49	31.34 -0.85 1.07	25.47 -0.41 0.33	23.12 -0.54 0.00	28.87 -0.55 0.00	32.23 -0.79 0.09	29.40 -0.72 0.06	31.08 -0.77 0.48	37.22 -1.09 0.63	50.90 -2.17 0.17	51.80 -1.62 0.00	47.84 -1.89 0.00	44.39 -2.31 0.00	42.93 -1.56 0.00	37.56 -0.96 0.00	35.53 -0.62 0.00
LOCKPORT___CC2 323770	48.30 -0.55 0.77	44.66 -0.98 0.74	37.75 -1.06 0.67	36.85 -0.90 0.91	35.15 -0.56 0.88	34.60 -0.74 0.60	37.22 -0.80 0.87	51.46 -1.08 0.96	39.28 -1.20 1.49	31.34 -0.85 1.07	25.47 -0.41 0.33	23.12 -0.54 0.00	28.87 -0.55 0.00	32.23 -0.79 0.09	29.40 -0.72 0.06	31.08 -0.77 0.48	37.22 -1.09 0.63	50.90 -2.17 0.17	51.80 -1.62 0.00	47.84 -1.89 0.00	44.39 -2.31 0.00	42.93 -1.56 0.00	37.56 -0.96 0.00	35.53 -0.62 0.00
LOCKPORT___CC3 323771	48.30 -0.55 0.77	44.66 -0.98 0.74	37.75 -1.06 0.67	36.85 -0.90 0.91	35.15 -0.56 0.88	34.60 -0.74 0.60	37.22 -0.80 0.87	51.46 -1.08 0.96	39.28 -1.20 1.49	31.34 -0.85 1.07	25.47 -0.41 0.33	23.12 -0.54 0.00	28.87 -0.55 0.00	32.23 -0.79 0.09	29.40 -0.72 0.06	31.08 -0.77 0.48	37.22 -1.09 0.63	50.90 -2.17 0.17	51.80 -1.62 0.00	47.84 -1.89 0.00	44.39 -2.31 0.00	42.93 -1.56 0.00	37.56 -0.96 0.00	35.53 -0.62 0.00
LOCUSVLY_69_KV_BK2 55797	51.04 1.41 0.00	47.94 1.56 0.00	40.70 1.22 0.00	39.86 1.19 0.00	37.62 1.03 0.00	36.90 0.96 0.00	39.87 0.97 0.00	54.73 1.25 0.02	43.35 1.38 0.00	34.74 1.47 0.00	27.54 1.33 0.00	24.82 1.17 0.00	30.94 1.51 0.00	34.77 1.66 0.00	31.74 1.56 0.00	33.67 1.34 0.00	40.11 1.17 0.00	54.65 1.40 0.00	53.53 1.10 0.99	49.29 1.02 1.46	47.66 0.96 0.00	41.95 0.65 3.18	39.15 0.74 0.10	37.04 0.89 0.00
LONG_LAKE_PHOENIX 24014	48.46 -1.17 0.00	45.27 -1.11 0.00	38.51 -0.97 0.00	37.74 -0.93 0.00	35.73 -0.87 0.00	35.11 -0.83 0.00	38.03 -0.86 0.00	52.35 -1.15 0.00	41.04 -0.94 0.00	32.48 -0.79 0.00	25.54 -0.67 0.00	23.06 -0.59 0.00	28.67 -0.75 0.00	32.19 -0.92 0.00	29.33 -0.85 0.00	31.46 -0.87 0.00	37.93 -1.01 0.00	52.00 -1.24 0.00	52.26 -1.15 0.00	48.63 -1.10 0.00	45.67 -1.03 0.00	43.54 -0.95 0.00	37.66 -0.85 0.00	35.33 -0.82 0.00
LOVETT___3 23632	51.00 1.37 0.00	47.72 1.33 0.00	40.48 1.00 0.00	39.61 0.94 0.00	37.44 0.84 0.00	36.96 1.02 0.00	39.95 1.05 0.00	54.99 1.49 0.00	43.38 1.40 0.00	34.68 1.41 0.00	27.37 1.16 0.00	24.76 1.11 0.00	30.76 1.34 0.00	34.57 1.45 0.00	31.50 1.32 0.00	33.59 1.27 0.00	40.08 1.14 0.00	54.51 1.27 0.00	54.59 1.17 0.00	50.83 1.10 0.00	47.61 0.91 0.00	45.25 0.76 0.00	39.25 0.74 0.00	36.87 0.72 0.00
LOVETT___4 23642	51.00 1.37 0.00	47.72 1.33 0.00	40.48 1.00 0.00	39.61 0.94 0.00	37.44 0.84 0.00	36.96 1.02 0.00	39.95 1.05 0.00	54.99 1.49 0.00	43.38 1.40 0.00	34.68 1.41 0.00	27.37 1.16 0.00	24.76 1.11 0.00	30.76 1.34 0.00	34.57 1.45 0.00	31.50 1.32 0.00	33.59 1.27 0.00	40.08 1.14 0.00	54.51 1.27 0.00	54.59 1.17 0.00	50.83 1.10 0.00	47.61 0.91 0.00	45.25 0.76 0.00	39.25 0.74 0.00	36.87 0.72 0.00
LOVETT___5 23593	51.00 1.37 0.00	47.72 1.33 0.00	40.48 1.00 0.00	39.61 0.94 0.00	37.44 0.84 0.00	36.96 1.02 0.00	39.95 1.05 0.00	54.99 1.49 0.00	43.38 1.40 0.00	34.68 1.41 0.00	27.37 1.16 0.00	24.76 1.11 0.00	30.76 1.34 0.00	34.57 1.45 0.00	31.50 1.32 0.00	33.59 1.27 0.00	40.08 1.14 0.00	54.51 1.27 0.00	54.59 1.17 0.00	50.83 1.10 0.00	47.61 0.91 0.00	45.25 0.76 0.00	39.25 0.74 0.00	36.87 0.72 0.00
LOWER RAQUET___HYD 24057	52.06 2.43 0.00	48.57 2.18 0.00	41.31 1.83 0.00	40.43 1.76 0.00	38.31 1.71 0.00	37.48 1.54 0.00	40.57 1.67 0.00	55.90 2.40 0.00	43.81 1.83 0.00	34.29 1.02 0.00	26.97 0.76 0.00	24.34 0.68 0.00	30.44 1.01 0.00	34.30 1.19 0.00	31.34 1.16 0.00	33.61 1.28 0.00	40.59 1.64 0.00	55.83 2.59 0.00	56.37 2.96 0.00	52.43 2.70 0.00	49.20 2.50 0.00	46.87 2.39 0.00	40.53 2.01 0.00	38.08 1.93 0.00
LOWER___HUDSON 24059	50.54 0.91 0.00	47.24 0.85 0.00	40.24 0.77 0.00	39.40 0.73 0.00	37.30 0.70 0.00	36.73 0.79 0.00	39.75 0.86 0.00	54.31 0.81 0.00	42.66 0.68 0.00	33.88 0.61 0.00	26.57 0.36 0.00	23.93 0.28 0.00	29.81 0.38 0.00	33.64 0.52 0.00	30.63 0.44 0.00	32.90 0.57 0.00	39.67 0.73 0.00	54.23 0.98 0.00	54.17 0.75 0.00	50.65 0.91 0.00	47.71 1.01 0.00	45.46 0.97 0.00	39.26 0.74 0.00	36.73 0.57 0.00
LOWVILLE_115KV_TB2 356335	51.67 2.04 0.00	48.22 1.84 0.00	41.02 1.54 0.00	40.23 1.55 0.00	38.07 1.47 0.00	37.39 1.45 0.00	40.55 1.66 0.00	55.86 2.36 0.00	43.67 1.69 0.00	33.98 0.71 0.00	26.43 0.22 0.00	23.81 0.16 0.00	29.74 0.32 0.00	33.53 0.41 0.00	30.56 0.38 0.00	32.76 0.43 0.00	39.73 0.79 0.00	55.06 1.81 0.00	55.65 2.24 0.00	51.74 2.01 0.00	48.82 2.12 0.00	46.69 2.21 0.00	40.30 1.78 0.00	37.76 1.60 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	51.22 1.59 0.00	47.88 1.50 0.00	40.79 1.31 0.00	39.94 1.27 0.00	37.83 1.23 0.00	37.21 1.27 0.00	40.28 1.39 0.00	55.11 1.61 0.00	43.21 1.23 0.00	34.17 0.90 0.00	26.75 0.54 0.00	24.08 0.43 0.00	30.01 0.59 0.00	33.87 0.76 0.00	30.85 0.67 0.00	33.19 0.86 0.00	40.23 1.29 0.00	55.08 1.84 0.00	55.07 1.66 0.00	51.42 1.69 0.00	48.41 1.71 0.00	46.07 1.58 0.00	39.78 1.26 0.00	37.19 1.03 0.00

LUTHERNY_35_KV_BK2 355980	51.26 1.63 0.00	47.90 1.51 0.00	40.80 1.32 0.00	39.96 1.29 0.00	37.84 1.25 0.00	37.23 1.29 0.00	40.32 1.42 0.00	55.15 1.65 0.00	43.24 1.26 0.00	34.19 0.92 0.00	26.75 0.54 0.00	24.09 0.44 0.00	30.04 0.62 0.00	33.89 0.77 0.00	30.87 0.68 0.00	33.21 0.88 0.00	40.26 1.32 0.00	55.15 1.91 0.00	55.11 1.70 0.00	51.45 1.72 0.00	48.44 1.74 0.00	46.08 1.59 0.00	39.78 1.27 0.00	37.20 1.04 0.00
LWR___OSWEGATCHIE_HYD 23850	51.81 2.18 0.00	48.33 1.94 0.00	41.11 1.63 0.00	40.27 1.59 0.00	38.14 1.54 0.00	37.37 1.43 0.00	40.50 1.60 0.00	55.66 2.16 0.00	43.56 1.58 0.00	33.96 0.69 0.00	26.53 0.32 0.00	23.96 0.31 0.00	30.03 0.60 0.00	33.85 0.74 0.00	30.90 0.71 0.00	33.12 0.79 0.00	39.99 1.04 0.00	55.22 1.98 0.00	55.85 2.44 0.00	51.95 2.22 0.00	48.89 2.19 0.00	46.82 2.33 0.00	40.42 1.91 0.00	37.91 1.76 0.00
LYONS_FALL_HYD 23570	51.28 1.65 0.00	47.87 1.49 0.00	40.74 1.26 0.00	39.94 1.27 0.00	37.81 1.21 0.00	37.15 1.21 0.00	40.27 1.37 0.00	55.46 1.96 0.00	43.42 1.44 0.00	33.94 0.67 0.00	26.49 0.28 0.00	23.86 0.21 0.00	29.75 0.32 0.00	33.52 0.41 0.00	30.59 0.40 0.00	32.77 0.44 0.00	39.69 0.75 0.00	54.82 1.58 0.00	55.27 1.86 0.00	51.41 1.68 0.00	48.43 1.73 0.00	46.25 1.76 0.00	39.94 1.43 0.00	37.42 1.27 0.00
MADISON___COUNTY_LFGE 323628	50.87 1.24 0.00	47.48 1.09 0.00	40.45 0.97 0.00	39.74 1.07 0.00	37.60 1.00 0.00	36.99 1.05 0.00	40.09 1.20 0.00	55.25 1.75 0.00	43.25 1.27 0.00	34.00 0.73 0.00	26.59 0.38 0.00	23.92 0.27 0.00	29.74 0.31 0.00	33.49 0.38 0.00	30.58 0.39 0.00	32.72 0.39 0.00	39.57 0.62 0.00	54.56 1.32 0.00	54.97 1.55 0.00	51.12 1.39 0.00	48.02 1.33 0.00	45.77 1.29 0.00	39.56 1.05 0.00	37.05 0.90 0.00
MALONE___115KV_TB1 356076	51.82 2.19 0.00	48.31 1.92 0.00	41.12 1.64 0.00	40.24 1.57 0.00	38.17 1.58 0.00	37.36 1.42 0.00	40.35 1.46 0.00	55.62 2.12 0.00	43.74 1.76 0.00	34.52 1.25 0.00	27.18 0.97 0.00	24.53 0.87 0.00	30.55 1.13 0.00	34.38 1.27 0.00	31.41 1.23 0.00	33.70 1.38 0.00	40.56 1.61 0.00	55.58 2.34 0.00	55.94 2.52 0.00	52.07 2.34 0.00	48.76 2.06 0.00	46.36 1.87 0.00	40.13 1.61 0.00	37.82 1.67 0.00
MAPLEWOD_115KV_TB3 80458	50.20 0.57 0.00	46.92 0.54 0.00	39.96 0.48 0.00	39.13 0.46 0.00	37.04 0.45 0.00	36.48 0.54 0.00	39.45 0.56 0.00	53.98 0.49 0.00	42.42 0.44 0.00	33.69 0.42 0.00	26.46 0.25 0.00	23.85 0.20 0.00	29.68 0.26 0.00	33.48 0.36 0.00	30.52 0.34 0.00	32.74 0.41 0.00	39.40 0.46 0.00	53.89 0.65 0.00	53.88 0.46 0.00	50.32 0.59 0.00	47.38 0.68 0.00	45.12 0.63 0.00	38.98 0.47 0.00	36.50 0.34 0.00
MAPLE_RIDGE_WT_1 323574	49.85 0.22 0.00	46.57 0.19 0.00	39.65 0.17 0.00	38.83 0.16 0.00	36.76 0.17 0.00	36.07 0.12 0.00	39.02 0.12 0.00	53.69 0.19 0.00	42.13 0.15 0.00	33.37 0.10 0.00	26.31 0.10 0.00	23.74 0.09 0.00	29.54 0.12 0.00	33.25 0.13 0.00	30.32 0.13 0.00	32.46 0.13 0.00	39.11 0.16 0.00	53.49 0.24 0.00	53.64 0.23 0.00	49.89 0.16 0.00	46.86 0.16 0.00	44.62 0.13 0.00	38.63 0.12 0.00	36.29 0.14 0.00
MAPLE_RIDGE_WT_2 323611	49.85 0.22 0.00	46.57 0.19 0.00	39.65 0.17 0.00	38.83 0.16 0.00	36.76 0.17 0.00	36.07 0.12 0.00	39.02 0.12 0.00	53.69 0.19 0.00	42.13 0.15 0.00	33.37 0.10 0.00	26.31 0.10 0.00	23.74 0.09 0.00	29.54 0.12 0.00	33.25 0.13 0.00	30.32 0.13 0.00	32.46 0.13 0.00	39.11 0.16 0.00	53.49 0.24 0.00	53.64 0.23 0.00	49.89 0.16 0.00	46.86 0.16 0.00	44.62 0.13 0.00	38.63 0.12 0.00	36.29 0.14 0.00
MARBLE_RIVER_WT_PWR 323696	50.77 1.14 0.00	47.36 0.98 0.00	40.34 0.86 0.00	39.49 0.82 0.00	37.45 0.85 0.00	36.66 0.72 0.00	39.52 0.63 0.00	54.39 0.88 0.00	42.78 0.80 0.00	33.91 0.64 0.00	26.78 0.57 0.00	24.16 0.51 0.00	30.11 0.68 0.00	33.83 0.71 0.00	30.85 0.66 0.00	33.05 0.72 0.00	39.68 0.74 0.00	54.18 0.93 0.00	54.39 0.97 0.00	50.61 0.87 0.00	47.40 0.71 0.00	45.08 0.59 0.00	39.10 0.58 0.00	36.96 0.81 0.00
MARSHVLE_115KV_TB1 80742	50.74 1.11 0.00	47.40 1.01 0.00	40.34 0.86 0.00	39.52 0.85 0.00	37.40 0.80 0.00	36.72 0.78 0.00	39.75 0.86 0.00	54.90 1.40 0.00	42.93 0.96 0.00	33.68 0.41 0.00	26.32 0.11 0.00	23.72 0.07 0.00	29.54 0.12 0.00	33.25 0.14 0.00	30.17 -0.01 0.00	32.34 0.02 0.00	39.28 0.33 0.00	54.28 1.04 0.00	54.69 1.28 0.00	50.93 1.20 0.00	47.79 1.09 0.00	45.56 1.07 0.00	39.40 0.89 0.00	36.97 0.82 0.00
MARSH_HILL_WT_PWR 323713	50.32 0.68 0.00	46.72 0.33 0.00	39.59 0.11 0.00	38.91 0.24 0.00	36.93 0.33 0.00	36.24 0.30 0.00	39.33 0.44 0.00	54.35 0.85 0.00	42.22 0.24 0.00	33.12 -0.15 0.00	26.06 -0.15 0.00	23.41 -0.25 0.00	29.04 -0.39 0.00	32.45 -0.66 0.00	29.52 -0.66 0.00	31.51 -0.82 0.00	38.20 -0.74 0.00	52.54 -0.70 0.00	53.55 0.14 0.00	49.50 -0.23 0.00	45.99 -0.70 0.00	44.15 -0.34 0.00	38.25 -0.26 0.00	36.06 -0.09 0.00
MCINTYRE_115KV_TB2 80467	52.65 3.02 0.00	49.12 2.74 0.00	41.77 2.30 0.00	40.87 2.20 0.00	38.71 2.11 0.00	37.87 1.92 0.00	41.02 2.12 0.00	56.59 3.10 0.00	44.26 2.28 0.00	34.41 1.14 0.00	27.09 0.88 0.00	24.45 0.80 0.00	30.57 1.14 0.00	34.52 1.41 0.00	31.59 1.41 0.00	33.91 1.58 0.00	41.02 2.08 0.00	56.54 3.30 0.00	57.29 3.88 0.00	53.29 3.57 0.00	49.94 3.24 0.00	47.50 3.01 0.00	41.05 2.53 0.00	38.55 2.40 0.00
MECO_____69_KV_BK1 80468	51.59 1.96 0.00	48.18 1.79 0.00	41.00 1.53 0.00	40.16 1.49 0.00	38.01 1.41 0.00	37.37 1.43 0.00	40.47 1.57 0.00	55.84 2.34 0.00	43.47 1.49 0.00	33.68 0.42 0.00	26.25 0.04 0.00	23.58 -0.07 0.00	29.38 -0.04 0.00	33.17 0.05 0.00	30.18 0.00 0.00	32.55 0.22 0.00	39.76 0.82 0.00	55.22 1.98 0.00	55.85 2.44 0.00	52.09 2.36 0.00	48.87 2.17 0.00	46.47 1.99 0.00	40.12 1.61 0.00	37.57 1.42 0.00
MENANDS___115KV_TB5 355628	49.95 0.32 0.00	46.70 0.31 0.00	39.79 0.30 0.00	38.96 0.28 0.00	36.88 0.28 0.00	36.32 0.37 0.00	39.27 0.37 0.00	53.71 0.21 0.00	42.21 0.23 0.00	33.57 0.30 0.00	26.38 0.17 0.00	23.79 0.14 0.00	29.60 0.17 0.00	33.37 0.26 0.00	30.43 0.25 0.00	32.62 0.29 0.00	39.24 0.30 0.00	53.60 0.36 0.00	53.55 0.14 0.00	50.04 0.31 0.00	47.10 0.41 0.00	44.86 0.37 0.00	38.78 0.26 0.00	36.30 0.15 0.00
MG INDUSTRY___DRP 24185	50.04 0.41 0.00	46.81 0.43 0.00	39.89 0.41 0.00	39.07 0.40 0.00	36.96 0.36 0.00	36.37 0.43 0.00	39.32 0.42 0.00	53.86 0.37 0.00	42.26 0.28 0.00	33.47 0.20 0.00	26.31 0.10 0.00	23.73 0.08 0.00	29.53 0.11 0.00	33.29 0.18 0.00	30.34 0.16 0.00	32.51 0.19 0.00	39.19 0.25 0.00	53.61 0.37 0.00	53.62 0.21 0.00	50.03 0.30 0.00	47.09 0.40 0.00	44.84 0.36 0.00	38.80 0.28 0.00	36.37 0.22 0.00

MID___OSWEGATCHIE_HYD 23849	51.81 2.18 0.00	48.33 1.94 0.00	41.11 1.63 0.00	40.27 1.59 0.00	38.14 1.54 0.00	37.37 1.43 0.00	40.50 1.60 0.00	55.66 2.16 0.00	43.56 1.58 0.00	33.96 0.69 0.00	26.53 0.32 0.00	23.96 0.31 0.00	30.03 0.60 0.00	33.85 0.74 0.00	30.90 0.71 0.00	33.12 0.79 0.00	39.99 1.04 0.00	55.22 1.98 0.00	55.85 2.44 0.00	51.95 2.22 0.00	48.89 2.19 0.00	46.82 2.33 0.00	40.42 1.91 0.00	37.91 1.76 0.00
MID___RAQUETTE_HYD 23851	52.06 2.43 0.00	48.56 2.18 0.00	41.30 1.82 0.00	40.43 1.76 0.00	38.31 1.71 0.00	37.48 1.54 0.00	40.57 1.67 0.00	55.90 2.40 0.00	43.81 1.83 0.00	34.29 1.02 0.00	26.97 0.76 0.00	24.34 0.68 0.00	30.44 1.01 0.00	34.30 1.19 0.00	31.34 1.16 0.00	33.60 1.27 0.00	40.58 1.64 0.00	55.83 2.59 0.00	56.37 2.96 0.00	52.43 2.70 0.00	49.20 2.50 0.00	46.87 2.39 0.00	40.53 2.01 0.00	38.08 1.93 0.00
MILLIKEN___1 23584	50.18 0.55 0.00	46.84 0.46 0.00	39.87 0.39 0.00	39.13 0.46 0.00	37.02 0.42 0.00	36.41 0.47 0.00	39.44 0.54 0.00	54.42 0.92 0.00	42.57 0.59 0.00	33.57 0.30 0.00	26.28 0.07 0.00	23.74 0.09 0.00	29.42 -0.01 0.00	33.01 -0.10 0.00	30.05 -0.14 0.00	32.21 -0.11 0.00	39.04 0.09 0.00	53.77 0.53 0.00	54.29 0.88 0.00	50.40 0.67 0.00	47.28 0.58 0.00	45.10 0.61 0.00	39.00 0.48 0.00	36.60 0.45 0.00
MILLIKEN___2 23585	50.18 0.55 0.00	46.84 0.46 0.00	39.87 0.39 0.00	39.13 0.46 0.00	37.02 0.42 0.00	36.41 0.47 0.00	39.44 0.54 0.00	54.42 0.92 0.00	42.57 0.59 0.00	33.57 0.30 0.00	26.28 0.07 0.00	23.74 0.09 0.00	29.42 -0.01 0.00	33.01 -0.10 0.00	30.05 -0.14 0.00	32.21 -0.11 0.00	39.04 0.09 0.00	53.77 0.53 0.00	54.29 0.88 0.00	50.40 0.67 0.00	47.28 0.58 0.00	45.10 0.61 0.00	39.00 0.48 0.00	36.60 0.45 0.00
MILLIKEN___DIESEL 23629	50.18 0.55 0.00	46.84 0.46 0.00	39.87 0.39 0.00	39.13 0.46 0.00	37.02 0.42 0.00	36.41 0.47 0.00	39.44 0.54 0.00	54.42 0.92 0.00	42.57 0.59 0.00	33.57 0.30 0.00	26.28 0.07 0.00	23.74 0.09 0.00	29.42 -0.01 0.00	33.01 -0.10 0.00	30.05 -0.14 0.00	32.21 -0.11 0.00	39.04 0.09 0.00	53.77 0.53 0.00	54.29 0.88 0.00	50.40 0.67 0.00	47.28 0.58 0.00	45.10 0.61 0.00	39.00 0.48 0.00	36.60 0.45 0.00
MILLSEAT___LFGE 323607	49.12 0.19 0.70	45.45 -0.27 0.67	38.44 -0.43 0.60	37.54 -0.31 0.82	35.79 -0.01 0.80	35.24 -0.16 0.54	37.99 -0.12 0.78	52.54 -0.10 0.86	40.22 -0.41 1.34	31.92 -0.38 0.97	25.74 -0.18 0.30	23.32 -0.33 0.00	29.07 -0.35 0.00	32.49 -0.54 0.09	29.63 -0.50 0.06	31.36 -0.53 0.43	37.77 -0.61 0.57	51.98 -1.11 0.15	53.02 -0.39 0.00	49.05 -0.68 0.00	45.56 -1.14 0.00	43.92 -0.57 0.00	38.32 -0.20 0.00	36.16 0.01 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	51.05 1.42 0.00	47.77 1.38 0.00	40.53 1.05 0.00	39.67 1.00 0.00	37.49 0.89 0.00	36.99 1.04 0.00	39.97 1.08 0.00	54.99 1.49 0.00	43.39 1.41 0.00	34.69 1.42 0.00	27.38 1.17 0.00	24.76 1.11 0.00	30.77 1.34 0.00	34.58 1.46 0.00	31.52 1.34 0.00	33.61 1.29 0.00	40.11 1.17 0.00	54.56 1.32 0.00	54.62 1.21 0.00	50.87 1.14 0.00	47.65 0.95 0.00	45.28 0.80 0.00	39.27 0.76 0.00	36.90 0.75 0.00
MILLWOOD_13_KV_LOAD 356217	51.16 1.53 0.00	47.87 1.48 0.00	40.62 1.13 0.00	39.74 1.07 0.00	37.56 0.97 0.00	37.06 1.12 0.00	40.06 1.17 0.00	55.12 1.63 0.00	43.48 1.50 0.00	34.77 1.50 0.00	27.44 1.23 0.00	24.81 1.15 0.00	30.81 1.39 0.00	34.63 1.51 0.00	31.58 1.39 0.00	33.68 1.35 0.00	40.19 1.25 0.00	54.69 1.44 0.00	54.77 1.36 0.00	51.00 1.27 0.00	47.76 1.07 0.00	45.39 0.91 0.00	39.36 0.84 0.00	36.98 0.83 0.00
MODEL_CITY_ENERGY 24167	47.83 -0.97 0.83	44.24 -1.35 0.79	37.39 -1.37 0.72	36.48 -1.21 0.98	34.81 -0.84 0.95	34.28 -1.02 0.64	36.84 -1.12 0.93	50.84 -1.63 1.03	38.74 -1.64 1.60	30.96 -1.16 1.15	25.28 -0.58 0.36	22.96 -0.69 0.00	28.69 -0.73 0.00	32.01 -1.00 0.10	29.22 -0.90 0.07	30.85 -0.96 0.51	36.90 -1.36 0.68	50.46 -2.60 0.18	51.37 -2.05 0.00	47.43 -2.30 0.00	44.01 -2.69 0.00	42.59 -1.90 0.00	37.28 -1.24 0.00	35.29 -0.86 0.00
MODERN_LFGE___ 323580	47.83 -0.97 0.83	44.24 -1.35 0.79	37.39 -1.37 0.72	36.48 -1.21 0.98	34.81 -0.84 0.95	34.28 -1.02 0.64	36.84 -1.12 0.93	50.84 -1.63 1.03	38.74 -1.64 1.60	30.96 -1.16 1.15	25.28 -0.58 0.36	22.96 -0.69 0.00	28.69 -0.73 0.00	32.01 -1.00 0.10	29.22 -0.90 0.07	30.85 -0.96 0.51	36.90 -1.36 0.68	50.46 -2.60 0.18	51.37 -2.05 0.00	47.43 -2.30 0.00	44.01 -2.69 0.00	42.59 -1.90 0.00	37.28 -1.24 0.00	35.29 -0.86 0.00
MOHAWK_PAPER___DRP 24187	50.20 0.57 0.00	46.92 0.54 0.00	39.96 0.48 0.00	39.13 0.46 0.00	37.04 0.45 0.00	36.48 0.54 0.00	39.45 0.56 0.00	53.98 0.49 0.00	42.42 0.44 0.00	33.69 0.42 0.00	26.46 0.25 0.00	23.85 0.20 0.00	29.68 0.26 0.00	33.48 0.36 0.00	30.52 0.34 0.00	32.74 0.41 0.00	39.40 0.46 0.00	53.89 0.65 0.00	53.88 0.46 0.00	50.32 0.59 0.00	47.38 0.68 0.00	45.12 0.63 0.00	38.98 0.47 0.00	36.50 0.34 0.00
MOHICAN___35_KV_115KV_LD 80490	51.43 1.80 0.00	48.07 1.68 0.00	40.95 1.47 0.00	40.12 1.45 0.00	38.01 1.42 0.00	37.39 1.45 0.00	40.49 1.60 0.00	55.23 1.73 0.00	43.32 1.35 0.00	34.21 0.94 0.00	26.66 0.45 0.00	23.99 0.34 0.00	29.92 0.49 0.00	33.81 0.70 0.00	30.76 0.58 0.00	33.24 0.91 0.00	40.43 1.49 0.00	55.36 2.11 0.00	55.29 1.88 0.00	51.72 1.99 0.00	48.79 2.10 0.00	46.35 1.86 0.00	39.98 1.46 0.00	37.27 1.12 0.00
MONGAUP___HYD 23641	51.54 1.90 0.00	48.18 1.79 0.00	40.88 1.40 0.00	40.01 1.33 0.00	37.81 1.21 0.00	37.31 1.37 0.00	40.36 1.46 0.00	55.58 2.08 0.00	43.75 1.77 0.00	34.80 1.53 0.00	27.13 0.92 0.00	24.51 0.86 0.00	30.45 1.03 0.00	34.23 1.12 0.00	31.19 1.00 0.00	33.30 0.97 0.00	39.90 0.96 0.00	54.87 1.63 0.00	55.33 1.92 0.00	51.56 1.83 0.00	48.32 1.63 0.00	45.94 1.45 0.00	39.81 1.29 0.00	37.33 1.18 0.00
MONTAUK___DIESEL 23721	51.56 1.93 0.00	48.63 2.25 0.00	41.28 1.80 0.00	40.64 1.97 0.00	38.13 1.54 0.00	37.21 1.27 0.00	40.64 1.74 0.00	55.60 2.14 0.04	44.20 2.22 0.00	34.84 1.57 0.00	27.62 1.40 0.00	24.79 1.13 0.00	31.15 1.72 0.00	34.93 1.82 0.00	32.18 2.00 0.00	34.24 1.91 0.00	41.04 2.10 0.00	56.15 2.91 0.00	53.28 1.94 2.07	48.28 1.61 3.06	47.82 1.12 0.00	38.71 0.89 6.66	38.81 0.51 0.21	36.26 0.11 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	50.61 0.98 0.00	46.78 0.40 0.00	39.58 0.10 0.00	38.88 0.21 0.00	36.83 0.23 0.00	36.21 0.27 0.00	39.22 0.33 0.00	54.43 0.93 0.00	42.32 0.34 0.00	33.59 0.32 0.00	26.62 0.41 0.00	23.92 0.27 0.00	29.70 0.27 0.00	33.20 0.08 0.00	30.18 0.00 0.00	32.25 -0.08 0.00	38.76 -0.18 0.00	52.30 -0.94 0.00	53.15 -0.26 0.00	48.95 -0.78 0.00	45.27 -1.43 0.00	43.71 -0.78 0.00	38.11 -0.41 0.00	35.94 -0.21 0.00

MORRIS_RIDGE___SOLAR 323848	49.69 0.06 0.00	46.10 -0.28 0.00	39.07 -0.41 0.00	38.40 -0.27 0.00	36.48 -0.12 0.00	35.76 -0.18 0.00	38.72 -0.17 0.00	53.47 -0.03 0.00	41.49 -0.48 0.00	32.55 -0.72 0.00	25.72 -0.49 0.00	23.14 -0.51 0.00	28.77 -0.65 0.00	32.14 -0.97 0.00	29.26 -0.92 0.00	31.27 -1.06 0.00	37.83 -1.12 0.00	51.85 -1.39 0.00	52.69 -0.72 0.00	48.67 -1.06 0.00	45.27 -1.42 0.00	43.52 -0.97 0.00	37.84 -0.68 0.00	35.69 -0.46 0.00
MORTIMER_115KV_TB3 55949	49.40 -0.24 0.00	45.91 -0.48 0.00	38.95 -0.52 0.00	38.22 -0.45 0.00	36.30 -0.30 0.00	35.60 -0.34 0.00	38.57 -0.32 0.00	53.25 -0.25 0.00	41.59 -0.39 0.00	32.92 -0.35 0.00	25.99 -0.22 0.00	23.37 -0.28 0.00	29.12 -0.31 0.00	32.67 -0.44 0.00	29.80 -0.38 0.00	31.93 -0.39 0.00	38.54 -0.40 0.00	52.60 -0.64 0.00	53.11 -0.30 0.00	49.25 -0.48 0.00	45.95 -0.74 0.00	44.05 -0.44 0.00	38.23 -0.28 0.00	35.94 -0.21 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.28 1.64 0.00	47.97 1.59 0.00	40.69 1.21 0.00	39.81 1.14 0.00	37.63 1.03 0.00	37.15 1.21 0.00	40.14 1.25 0.00	55.24 1.75 0.00	43.61 1.63 0.00	34.91 1.64 0.00	27.56 1.35 0.00	24.93 1.28 0.00	30.98 1.55 0.00	34.80 1.69 0.00	31.74 1.55 0.00	33.81 1.48 0.00	40.32 1.37 0.00	54.81 1.57 0.00	54.92 1.50 0.00	51.14 1.41 0.00	47.84 1.15 0.00	45.46 0.97 0.00	39.42 0.90 0.00	37.06 0.91 0.00
MUNSVILLE_WIND_PWR 323609	53.01 3.14 -0.24	49.40 2.78 -0.23	41.88 2.19 -0.21	41.31 2.36 -0.29	39.09 2.22 -0.28	38.43 2.30 -0.19	41.80 2.64 -0.27	57.70 3.90 -0.30	45.31 2.87 -0.47	35.50 1.90 -0.34	27.61 1.29 -0.10	24.83 1.17 0.00	30.60 1.17 0.00	34.43 1.29 -0.03	31.29 1.09 -0.02	33.75 1.27 -0.15	41.14 2.00 -0.20	56.95 3.65 -0.05	57.49 4.07 0.00	53.01 3.28 0.00	49.76 3.06 0.00	47.37 2.88 0.00	40.93 2.41 0.00	38.24 2.09 0.00
N SALMON___HYD 24042	51.82 2.19 0.00	48.31 1.92 0.00	41.12 1.64 0.00	40.24 1.57 0.00	38.17 1.58 0.00	37.36 1.42 0.00	40.35 1.46 0.00	55.62 2.12 0.00	43.74 1.76 0.00	34.52 1.25 0.00	27.18 0.97 0.00	24.53 0.87 0.00	30.55 1.13 0.00	34.38 1.27 0.00	31.41 1.23 0.00	33.70 1.38 0.00	40.56 1.62 0.00	55.58 2.34 0.00	55.94 2.52 0.00	52.07 2.34 0.00	48.76 2.06 0.00	46.36 1.87 0.00	40.13 1.61 0.00	37.82 1.67 0.00
N.AKRON__115KV_KNAPP 355671	49.62 -0.01 0.00	45.96 -0.43 0.00	38.90 -0.58 0.00	38.22 -0.46 0.00	36.43 -0.16 0.00	35.66 -0.28 0.00	38.61 -0.29 0.00	53.15 -0.35 0.00	41.33 -0.65 0.00	32.77 -0.50 0.00	26.00 -0.21 0.00	23.29 -0.36 0.00	29.08 -0.35 0.00	32.54 -0.57 0.00	29.64 -0.54 0.00	31.73 -0.59 0.00	38.18 -0.76 0.00	51.83 -1.41 0.00	52.72 -0.69 0.00	48.74 -0.99 0.00	45.26 -1.44 0.00	43.69 -0.80 0.00	38.14 -0.38 0.00	36.02 -0.13 0.00
N.E_GEN_SANDY PD 24062	50.43 0.80 0.00	46.42 0.71 0.68	40.15 0.67 0.00	39.32 0.65 0.00	37.25 0.65 0.00	36.69 0.75 0.00	40.61 0.81 -0.91	52.56 0.59 1.53	42.52 0.54 0.00	33.95 0.60 -0.08	26.57 0.36 0.00	23.93 0.27 0.00	29.69 0.38 0.12	33.68 0.57 0.00	30.63 0.45 0.00	32.90 0.57 0.00	39.57 0.63 0.00	54.01 0.77 0.00	53.57 0.40 0.24	50.44 0.71 0.00	47.57 0.88 0.00	45.43 0.90 -0.05	39.18 0.66 0.00	36.65 0.49 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	51.10 1.47 0.00	47.80 1.41 0.00	40.54 1.06 0.00	39.68 1.01 0.00	37.51 0.91 0.00	37.03 1.09 0.00	40.02 1.13 0.00	55.12 1.62 0.00	43.47 1.49 0.00	34.74 1.48 0.00	27.43 1.22 0.00	24.81 1.15 0.00	30.82 1.40 0.00	34.64 1.52 0.00	31.56 1.38 0.00	33.67 1.34 0.00	40.18 1.24 0.00	54.65 1.41 0.00	54.72 1.30 0.00	50.95 1.22 0.00	47.72 1.02 0.00	45.35 0.86 0.00	39.35 0.83 0.00	36.95 0.80 0.00
N.QUEENS_27_KV_LOAD 356247	42.14 1.25 8.74	36.10 1.22 11.50	36.09 0.90 4.29	35.96 0.84 3.55	36.51 0.78 0.87	37.03 1.09 0.01	39.97 1.08 0.01	55.09 1.60 0.00	43.56 1.58 0.00	34.94 1.67 0.00	27.58 1.37 0.00	24.93 1.28 0.00	30.97 1.55 0.00	34.80 1.69 0.00	31.73 1.55 0.00	33.78 1.45 0.00	40.25 1.31 0.00	54.64 1.40 0.00	54.83 1.43 0.01	51.03 1.31 0.01	47.73 1.04 0.01	45.34 0.86 0.01	39.34 0.83 0.01	36.99 0.84 0.00
N.TROY___115KV_TB1 355778	50.54 0.91 0.00	47.24 0.85 0.00	40.24 0.76 0.00	39.40 0.73 0.00	37.31 0.71 0.00	36.73 0.79 0.00	39.75 0.86 0.00	54.31 0.81 0.00	42.66 0.68 0.00	33.88 0.61 0.00	26.57 0.36 0.00	23.93 0.28 0.00	29.81 0.38 0.00	33.64 0.52 0.00	30.63 0.44 0.00	32.90 0.57 0.00	39.67 0.73 0.00	54.23 0.99 0.00	54.16 0.75 0.00	50.65 0.92 0.00	47.71 1.01 0.00	45.46 0.97 0.00	39.26 0.75 0.00	36.73 0.58 0.00
NARROWS_GT1_1 24228	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
NARROWS_GT1_2 24229	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
NARROWS_GT1_3 24230	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
NARROWS_GT1_4 24231	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
NARROWS_GT1_5 24232	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00

NARROWS_GT1_6 24233	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
NARROWS_GT1_7 24234	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
NARROWS_GT1_8 24235	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
NARROWS_GT2_1 24236	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
NARROWS_GT2_2 24237	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
NARROWS_GT2_3 24238	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
NARROWS_GT2_4 24239	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
NARROWS_GT2_5 24240	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
NARROWS_GT2_6 24241	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
NARROWS_GT2_7 24242	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
NARROWS_GT2_8 24243	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.61 1.02 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.98 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.03 1.79 0.00	55.21 1.80 0.00	51.40 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	50.58 0.95 0.00	47.27 0.89 0.00	40.25 0.77 0.00	39.42 0.75 0.00	37.29 0.69 0.00	36.73 0.79 0.00	39.76 0.86 0.00	54.54 1.04 0.00	42.84 0.86 0.00	33.71 0.44 0.00	26.37 0.16 0.00	23.76 0.11 0.00	29.61 0.18 0.00	33.45 0.33 0.00	30.43 0.25 0.00	32.72 0.39 0.00	39.49 0.55 0.00	54.38 1.14 0.00	54.69 1.28 0.00	51.02 1.30 0.00	47.97 1.28 0.00	45.61 1.12 0.00	39.36 0.84 0.00	36.80 0.65 0.00
NCHELSEA_115KV_TR2 355582	51.42 1.79 0.00	48.09 1.70 0.00	40.82 1.34 0.00	39.95 1.28 0.00	37.76 1.16 0.00	37.25 1.30 0.00	40.26 1.37 0.00	55.39 1.89 0.00	43.68 1.70 0.00	34.87 1.61 0.00	27.46 1.25 0.00	24.82 1.17 0.00	30.84 1.42 0.00	34.69 1.58 0.00	31.63 1.45 0.00	33.77 1.45 0.00	40.42 1.48 0.00	55.07 1.83 0.00	55.17 1.76 0.00	51.38 1.65 0.00	48.16 1.46 0.00	45.77 1.28 0.00	39.66 1.14 0.00	37.23 1.08 0.00
NEG CAPITAL____MECHNVIL 23645	51.28 1.65 0.00	47.92 1.54 0.00	40.82 1.34 0.00	39.98 1.30 0.00	37.85 1.25 0.00	37.26 1.31 0.00	40.33 1.44 0.00	55.17 1.67 0.00	43.27 1.29 0.00	34.24 0.97 0.00	26.80 0.59 0.00	24.13 0.48 0.00	30.07 0.64 0.00	33.93 0.82 0.00	30.92 0.73 0.00	33.26 0.93 0.00	40.30 1.36 0.00	55.19 1.95 0.00	55.17 1.76 0.00	51.51 1.78 0.00	48.49 1.79 0.00	46.16 1.67 0.00	39.84 1.32 0.00	37.24 1.09 0.00
NEG CENTRAL_HIGH_ACRES 23767	48.05 -1.34 0.24	44.69 -1.47 0.23	37.95 -1.32 0.21	37.15 -1.24 0.28	35.27 -1.05 0.27	34.67 -1.08 0.18	37.51 -1.11 0.27	51.87 -1.34 0.30	40.34 -1.18 0.46	31.92 -1.02 0.33	25.36 -0.75 0.10	22.89 -0.76 0.00	28.49 -0.94 0.00	31.97 -1.11 0.03	29.16 -1.00 0.02	31.14 -1.04 0.15	37.60 -1.15 0.20	51.65 -1.54 0.05	52.11 -1.30 0.00	48.33 -1.40 0.00	45.16 -1.54 0.00	43.22 -1.28 0.00	37.47 -1.05 0.00	35.18 -0.97 0.00

NEG CENTRAL___DRP 24199	49.54 -0.09 0.00	46.20 -0.19 0.00	39.30 -0.18 0.00	38.56 -0.11 0.00	36.51 -0.08 0.00	35.90 -0.04 0.00	38.90 0.01 0.00	53.63 0.13 0.00	41.95 -0.03 0.00	33.06 -0.21 0.00	25.96 -0.25 0.00	23.40 -0.25 0.00	29.09 -0.33 0.00	32.63 -0.48 0.00	29.71 -0.47 0.00	31.79 -0.54 0.00	38.44 -0.50 0.00	52.80 -0.44 0.00	53.38 -0.04 0.00	49.60 -0.14 0.00	46.49 -0.21 0.00	44.38 -0.11 0.00	38.42 -0.10 0.00	36.07 -0.08 0.00
NEG CENTRAL___INDECK 23768	51.18 1.55 0.00	47.52 1.13 0.00	40.28 0.80 0.00	39.56 0.89 0.00	37.58 0.98 0.00	36.87 0.93 0.00	40.05 1.16 0.00	55.40 1.90 0.00	43.13 1.16 0.00	33.71 0.44 0.00	26.37 0.16 0.00	23.70 0.05 0.00	29.59 0.16 0.00	33.04 -0.07 0.00	30.04 -0.14 0.00	32.16 -0.17 0.00	38.90 -0.04 0.00	53.55 0.31 0.00	55.07 1.66 0.00	51.12 1.39 0.00	47.56 0.86 0.00	45.58 1.09 0.00	39.49 0.98 0.00	37.10 0.95 0.00
NEG CENTRAL___SENECA 23627	49.78 0.15 0.00	46.38 -0.01 0.00	39.39 -0.09 0.00	38.67 0.00 0.00	36.64 0.04 0.00	36.02 0.08 0.00	39.05 0.15 0.00	53.84 0.34 0.00	42.08 0.10 0.00	33.14 -0.13 0.00	26.03 -0.18 0.00	23.47 -0.19 0.00	29.14 -0.29 0.00	32.69 -0.42 0.00	29.76 -0.43 0.00	31.87 -0.45 0.00	38.54 -0.40 0.00	52.85 -0.39 0.00	53.54 0.12 0.00	49.74 0.01 0.00	46.59 -0.10 0.00	44.51 0.02 0.00	38.54 0.02 0.00	36.19 0.03 0.00
NEG CENTRAL___STATE_STREET 24147	49.44 -0.19 0.00	46.17 -0.22 0.00	39.42 -0.06 0.00	38.68 0.01 0.00	36.61 0.02 0.00	36.00 0.06 0.00	38.95 0.05 0.00	53.73 0.23 0.00	42.04 0.06 0.00	33.19 -0.08 0.00	26.03 -0.18 0.00	23.49 -0.16 0.00	29.19 -0.23 0.00	32.65 -0.46 0.00	29.83 -0.36 0.00	31.88 -0.45 0.00	38.67 -0.27 0.00	53.19 -0.06 0.00	53.60 0.19 0.00	49.61 -0.12 0.00	46.65 -0.05 0.00	44.52 0.03 0.00	38.52 0.00 0.00	36.16 0.01 0.00
NEG MILLWOOD___DRP 24198	51.47 1.84 0.00	48.15 1.76 0.00	40.87 1.39 0.00	39.97 1.30 0.00	37.78 1.18 0.00	37.26 1.32 0.00	40.29 1.40 0.00	55.45 1.95 0.00	43.75 1.77 0.00	34.96 1.69 0.00	27.55 1.34 0.00	24.90 1.24 0.00	30.92 1.50 0.00	34.78 1.67 0.00	31.71 1.53 0.00	33.85 1.52 0.00	40.47 1.53 0.00	55.11 1.87 0.00	55.25 1.84 0.00	51.44 1.71 0.00	48.20 1.50 0.00	45.79 1.30 0.00	39.67 1.15 0.00	37.25 1.10 0.00
NEG NORTH_FLCN_SEA 23793	51.00 1.37 0.00	47.57 1.18 0.00	40.57 1.09 0.00	39.72 1.05 0.00	37.66 1.06 0.00	36.84 0.90 0.00	39.57 0.68 0.00	54.36 0.86 0.00	42.83 0.85 0.00	34.08 0.81 0.00	26.89 0.68 0.00	24.27 0.62 0.00	30.23 0.81 0.00	33.97 0.86 0.00	30.96 0.78 0.00	33.07 0.75 0.00	39.49 0.55 0.00	53.68 0.44 0.00	53.86 0.45 0.00	50.17 0.44 0.00	46.97 0.27 0.00	44.66 0.17 0.00	38.86 0.35 0.00	37.05 0.90 0.00
NEG NORTH_KES_CHATEGAY 23792	50.95 1.32 0.00	47.51 1.13 0.00	40.46 0.98 0.00	39.60 0.93 0.00	37.55 0.96 0.00	36.75 0.81 0.00	39.65 0.75 0.00	54.61 1.11 0.00	42.93 0.95 0.00	33.98 0.71 0.00	26.81 0.60 0.00	24.19 0.54 0.00	30.14 0.71 0.00	33.87 0.76 0.00	30.91 0.72 0.00	33.14 0.81 0.00	39.86 0.92 0.00	54.47 1.23 0.00	54.76 1.34 0.00	50.96 1.23 0.00	47.72 1.02 0.00	45.36 0.87 0.00	39.32 0.80 0.00	37.11 0.96 0.00
NEG NORTH___ALICE_FALLS 23915	51.31 1.68 0.00	47.84 1.46 0.00	40.78 1.30 0.00	39.91 1.24 0.00	37.84 1.25 0.00	37.04 1.09 0.00	39.88 0.99 0.00	54.83 1.33 0.00	43.19 1.21 0.00	34.29 1.02 0.00	27.06 0.85 0.00	24.42 0.77 0.00	30.37 0.95 0.00	34.10 0.99 0.00	31.16 0.98 0.00	33.37 1.05 0.00	39.98 1.04 0.00	54.54 1.29 0.00	54.79 1.38 0.00	51.02 1.29 0.00	47.75 1.05 0.00	45.37 0.88 0.00	39.38 0.86 0.00	37.33 1.18 0.00
NEG NORTH___LWR_SARANAC 23913	51.31 1.68 0.00	47.84 1.46 0.00	40.78 1.30 0.00	39.91 1.24 0.00	37.84 1.25 0.00	37.04 1.09 0.00	39.88 0.99 0.00	54.83 1.33 0.00	43.19 1.21 0.00	34.29 1.02 0.00	27.06 0.85 0.00	24.42 0.77 0.00	30.37 0.95 0.00	34.10 0.99 0.00	31.16 0.98 0.00	33.37 1.05 0.00	39.98 1.04 0.00	54.54 1.29 0.00	54.79 1.38 0.00	51.02 1.29 0.00	47.75 1.05 0.00	45.37 0.88 0.00	39.38 0.86 0.00	37.33 1.18 0.00
NEG NORTH___PLATTSBURG 23628	51.31 1.68 0.00	47.84 1.46 0.00	40.78 1.30 0.00	39.91 1.25 0.00	37.85 1.25 0.00	37.04 1.10 0.00	39.88 0.99 0.00	54.83 1.33 0.00	43.19 1.21 0.00	34.29 1.02 0.00	27.06 0.85 0.00	24.42 0.76 0.00	30.37 0.95 0.00	34.10 0.99 0.00	31.16 0.98 0.00	33.37 1.05 0.00	39.98 1.04 0.00	54.54 1.30 0.00	54.79 1.38 0.00	51.02 1.29 0.00	47.75 1.05 0.00	45.37 0.88 0.00	39.38 0.86 0.00	37.33 1.18 0.00
NEG WEST_LEA_LOCKPORT 23791	49.03 -0.60 0.00	45.39 -0.99 0.00	38.41 -1.07 0.00	37.74 -0.93 0.00	35.99 -0.61 0.00	35.20 -0.74 0.00	38.09 -0.81 0.00	52.40 -1.09 0.00	40.74 -1.23 0.00	32.41 -0.86 0.00	25.80 -0.41 0.00	23.12 -0.54 0.00	28.87 -0.55 0.00	32.31 -0.80 0.00	29.45 -0.73 0.00	31.52 -0.80 0.00	37.82 -1.12 0.00	51.07 -2.17 0.00	51.81 -1.61 0.00	47.84 -1.89 0.00	44.39 -2.31 0.00	42.93 -1.56 0.00	37.56 -0.95 0.00	35.53 -0.62 0.00
NEG WEST___LANCASTR 23811	49.12 -0.51 0.00	45.53 -0.86 0.00	38.53 -0.95 0.00	37.90 -0.77 0.00	36.07 -0.52 0.00	35.33 -0.62 0.00	38.23 -0.67 0.00	52.77 -0.73 0.00	41.08 -0.90 0.00	32.64 -0.63 0.00	25.88 -0.33 0.00	23.21 -0.44 0.00	28.90 -0.52 0.00	32.40 -0.72 0.00	29.49 -0.69 0.00	31.63 -0.70 0.00	37.97 -0.97 0.00	51.24 -2.00 0.00	51.89 -1.52 0.00	47.92 -1.81 0.00	44.51 -2.19 0.00	42.93 -1.56 0.00	37.44 -1.08 0.00	35.35 -0.80 0.00
NEG_PENN_ALLEGHNY 23528	50.18 0.27 -0.27	46.80 0.15 -0.26	39.78 0.07 -0.24	39.13 0.14 -0.32	37.02 0.12 -0.31	36.30 0.15 -0.21	39.35 0.15 -0.31	54.21 0.37 -0.34	42.66 0.16 -0.52	33.78 0.13 -0.38	26.43 0.10 -0.12	23.76 0.10 0.00	29.45 0.03 0.00	33.11 -0.04 -0.03	30.14 -0.06 -0.02	32.40 -0.09 -0.17	39.14 -0.03 -0.22	53.16 -0.14 -0.06	53.47 0.05 0.00	49.66 -0.07 0.00	46.51 -0.19 0.00	44.39 -0.09 0.00	38.44 -0.08 0.00	36.11 -0.05 0.00
NEG___GEN_MONROE 24207	49.85 0.22 0.00	46.37 -0.02 0.00	39.29 -0.19 0.00	38.56 -0.11 0.00	36.67 0.07 0.00	35.93 -0.01 0.00	38.92 0.03 0.00	53.78 0.28 0.00	41.93 -0.05 0.00	33.14 -0.13 0.00	26.09 -0.12 0.00	23.43 -0.22 0.00	29.18 -0.25 0.00	32.74 -0.37 0.00	29.85 -0.33 0.00	32.01 -0.32 0.00	38.64 -0.30 0.00	52.79 -0.45 0.00	53.47 0.06 0.00	49.56 -0.17 0.00	46.22 -0.48 0.00	44.30 -0.19 0.00	38.48 -0.04 0.00	36.19 0.04 0.00
NEPA___ENERGY 23901	49.48 -0.15 0.00	45.75 -0.63 0.00	38.72 -0.76 0.00	38.09 -0.58 0.00	36.12 -0.47 0.00	35.52 -0.43 0.00	38.40 -0.49 0.00	53.20 -0.30 0.00	41.30 -0.68 0.00	32.83 -0.44 0.00	26.04 -0.18 0.00	23.52 -0.14 0.00	29.18 -0.25 0.00	32.59 -0.52 0.00	29.69 -0.49 0.00	31.73 -0.59 0.00	38.14 -0.80 0.00	51.39 -1.85 0.00	52.12 -1.29 0.00	48.07 -1.66 0.00	44.72 -1.98 0.00	43.11 -1.38 0.00	37.53 -0.99 0.00	35.46 -0.69 0.00

NEVERSINK___HYD 23608	50.94 1.31 0.00	47.62 1.24 0.00	40.43 0.95 0.00	39.57 0.90 0.00	37.39 0.80 0.00	36.89 0.95 0.00	39.89 1.00 0.00	54.95 1.45 0.00	43.28 1.31 0.00	34.42 1.15 0.00	27.03 0.82 0.00	24.45 0.80 0.00	30.24 0.82 0.00	33.18 0.06 0.00	30.21 0.03 0.00	32.25 -0.07 0.00	38.73 -0.21 0.00	52.91 -0.33 0.00	53.13 -0.28 0.00	49.49 -0.24 0.00	46.56 -0.13 0.00	45.44 0.95 0.00	39.37 0.85 0.00	36.91 0.76 0.00
NEWKRMKL_115KV_TB1 55635	49.54 -0.09 0.00	46.32 -0.06 0.00	39.46 -0.02 0.00	38.63 -0.04 0.00	36.57 -0.03 0.00	36.02 0.08 0.00	38.94 0.05 0.00	53.29 -0.21 0.00	41.89 -0.09 0.00	33.30 0.03 0.00	26.19 -0.02 0.00	23.62 -0.03 0.00	29.39 -0.04 0.00	33.14 0.02 0.00	30.25 0.06 0.00	32.40 0.07 0.00	38.95 0.01 0.00	53.22 -0.03 0.00	53.16 -0.25 0.00	49.65 -0.08 0.00	46.73 0.03 0.00	44.49 0.00 0.00	38.45 -0.07 0.00	36.02 -0.13 0.00
NEWTON___FALLS_HYD 23847	51.81 2.18 0.00	48.33 1.94 0.00	41.11 1.63 0.00	40.27 1.59 0.00	38.14 1.54 0.00	37.37 1.43 0.00	40.50 1.60 0.00	55.66 2.16 0.00	43.56 1.58 0.00	33.96 0.69 0.00	26.53 0.32 0.00	23.96 0.31 0.00	30.03 0.60 0.00	33.85 0.74 0.00	30.90 0.71 0.00	33.12 0.79 0.00	39.99 1.04 0.00	55.22 1.98 0.00	55.85 2.44 0.00	51.95 2.22 0.00	48.89 2.19 0.00	46.82 2.33 0.00	40.42 1.91 0.00	37.91 1.76 0.00
NGRID_A1_DSASP 323792	47.79 -0.95 0.89	44.15 -1.39 0.85	37.30 -1.41 0.77	36.39 -1.24 1.04	34.71 -0.87 1.01	34.17 -1.09 0.69	36.73 -1.17 1.00	50.94 -1.46 1.09	38.78 -1.48 1.71	31.05 -1.00 1.23	25.30 -0.53 0.38	22.98 -0.67 0.00	28.69 -0.74 0.00	32.03 -0.97 0.11	29.27 -0.85 0.07	30.88 -0.90 0.55	36.93 -1.29 0.73	50.23 -2.81 0.20	50.91 -2.50 0.00	46.98 -2.75 0.00	43.60 -3.10 0.00	42.25 -2.24 0.00	37.20 -1.31 0.00	35.19 -0.96 0.00
NGRID_A2_DSASP 323793	47.79 -0.95 0.89	44.15 -1.39 0.85	37.30 -1.41 0.77	36.39 -1.24 1.04	34.71 -0.87 1.01	34.17 -1.09 0.69	36.73 -1.17 1.00	50.94 -1.46 1.09	38.78 -1.48 1.71	31.05 -1.00 1.23	25.30 -0.53 0.38	22.98 -0.67 0.00	28.69 -0.74 0.00	32.03 -0.97 0.11	29.27 -0.85 0.07	30.88 -0.90 0.55	36.93 -1.29 0.73	50.23 -2.81 0.20	50.91 -2.50 0.00	46.98 -2.75 0.00	43.60 -3.10 0.00	42.25 -2.24 0.00	37.20 -1.31 0.00	35.19 -0.96 0.00
NGRID_A4_DSASP 323807	47.79 -0.95 0.89	44.15 -1.39 0.85	37.30 -1.41 0.77	36.39 -1.24 1.04	34.71 -0.87 1.01	34.17 -1.09 0.69	36.73 -1.17 1.00	50.94 -1.46 1.09	38.78 -1.48 1.71	31.05 -1.00 1.23	25.30 -0.53 0.38	22.98 -0.67 0.00	28.69 -0.74 0.00	32.03 -0.97 0.11	29.27 -0.85 0.07	30.88 -0.90 0.55	36.93 -1.29 0.73	50.23 -2.81 0.20	50.91 -2.50 0.00	46.98 -2.75 0.00	43.60 -3.10 0.00	42.25 -2.24 0.00	37.20 -1.31 0.00	35.19 -0.96 0.00
NIAGARA_115E_LBMP 323715	47.58 -1.19 0.86	44.01 -1.56 0.82	37.19 -1.54 0.75	36.28 -1.38 1.01	34.63 -0.99 0.98	34.10 -1.18 0.66	36.63 -1.30 0.96	50.51 -1.93 1.06	38.47 -1.86 1.66	30.76 -1.32 1.19	25.17 -0.67 0.37	22.88 -0.77 0.00	28.60 -0.83 0.00	31.90 -1.11 0.11	29.12 -0.99 0.07	30.74 -1.06 0.53	36.73 -1.51 0.70	50.21 -2.84 0.19	51.10 -2.32 0.00	47.18 -2.55 0.00	43.77 -2.93 0.00	42.37 -2.12 0.00	37.11 -1.41 0.00	35.14 -1.02 0.00
NIAGARA_115W_LBMP 323714	47.73 -1.02 0.89	44.10 -1.44 0.85	37.25 -1.46 0.77	36.34 -1.29 1.04	34.65 -0.93 1.01	34.13 -1.13 0.69	36.68 -1.22 1.00	50.87 -1.53 1.09	38.73 -1.54 1.71	31.00 -1.04 1.23	25.27 -0.56 0.38	22.95 -0.70 0.00	28.65 -0.77 0.00	31.99 -1.02 0.11	29.23 -0.88 0.07	30.84 -0.94 0.55	36.89 -1.33 0.73	50.14 -2.90 0.20	50.80 -2.61 0.00	46.89 -2.84 0.00	43.52 -3.18 0.00	42.17 -2.32 0.00	37.15 -1.37 0.00	35.14 -1.01 0.00
NIAGARA_230_LBMP 323716	47.82 -0.93 0.88	44.21 -1.33 0.84	37.36 -1.35 0.77	36.45 -1.19 1.04	34.74 -0.85 1.01	34.23 -1.03 0.68	36.78 -1.13 0.99	50.99 -1.42 1.09	38.84 -1.44 1.70	31.07 -0.98 1.22	25.32 -0.52 0.38	23.01 -0.64 0.00	28.72 -0.71 0.00	32.07 -0.93 0.11	29.29 -0.82 0.07	30.91 -0.88 0.54	36.97 -1.25 0.72	50.50 -2.55 0.20	51.26 -2.15 0.00	47.32 -2.41 0.00	43.91 -2.79 0.00	42.50 -1.99 0.00	37.22 -1.30 0.00	35.20 -0.95 0.00
NIAGARA___115KV_198_GIBSON 55903	48.59 -1.04 0.00	44.93 -1.45 0.00	38.00 -1.48 0.00	37.37 -1.30 0.00	35.63 -0.96 0.00	34.82 -1.12 0.00	37.67 -1.23 0.00	51.96 -1.54 0.00	40.41 -1.57 0.00	32.22 -1.05 0.00	25.65 -0.56 0.00	22.95 -0.70 0.00	28.66 -0.77 0.00	32.10 -1.02 0.00	29.29 -0.89 0.00	31.39 -0.94 0.00	37.61 -1.33 0.00	50.33 -2.91 0.00	50.81 -2.60 0.00	46.89 -2.84 0.00	43.52 -3.17 0.00	42.17 -2.32 0.00	37.15 -1.37 0.00	35.14 -1.01 0.00
NIAGARA____ 23760	47.83 -0.93 0.87	44.22 -1.33 0.83	37.38 -1.35 0.75	36.46 -1.19 1.02	34.76 -0.85 0.99	34.24 -1.03 0.67	36.79 -1.13 0.97	51.01 -1.42 1.07	38.86 -1.44 1.68	31.09 -0.98 1.20	25.32 -0.52 0.37	23.01 -0.64 0.00	28.72 -0.71 0.00	32.08 -0.93 0.11	29.29 -0.82 0.07	30.91 -0.88 0.54	36.97 -1.25 0.71	50.50 -2.55 0.19	51.26 -2.15 0.00	47.32 -2.41 0.00	43.91 -2.79 0.00	42.50 -1.99 0.00	37.22 -1.30 0.00	35.20 -0.95 0.00
NINE_MILE_1 23575	47.93 -1.70 0.00	44.79 -1.60 0.00	38.11 -1.37 0.00	37.35 -1.32 0.00	35.36 -1.24 0.00	34.73 -1.21 0.00	37.61 -1.29 0.00	51.76 -1.74 0.00	40.59 -1.39 0.00	32.13 -1.14 0.00	25.30 -0.91 0.00	22.83 -0.82 0.00	28.38 -1.05 0.00	31.91 -1.20 0.00	29.08 -1.10 0.00	31.15 -1.18 0.00	37.57 -1.37 0.00	51.40 -1.85 0.00	51.60 -1.81 0.00	48.01 -1.72 0.00	45.09 -1.60 0.00	43.00 -1.49 0.00	37.22 -1.29 0.00	34.92 -1.23 0.00
NINE_MILE_2 23744	47.93 -1.70 0.00	44.79 -1.60 0.00	38.12 -1.36 0.00	37.35 -1.32 0.00	35.36 -1.24 0.00	34.73 -1.21 0.00	37.61 -1.28 0.00	51.76 -1.74 0.00	40.59 -1.39 0.00	32.14 -1.13 0.00	25.30 -0.91 0.00	22.84 -0.81 0.00	28.38 -1.05 0.00	31.91 -1.20 0.00	29.09 -1.10 0.00	31.15 -1.17 0.00	37.58 -1.36 0.00	51.40 -1.85 0.00	51.61 -1.81 0.00	48.02 -1.71 0.00	45.10 -1.60 0.00	43.00 -1.49 0.00	37.23 -1.29 0.00	34.92 -1.23 0.00
NM_CAPITAL___DRP 24208	49.50 -0.13 0.00	46.29 -0.10 0.00	39.44 -0.04 0.00	38.61 -0.07 0.00	36.54 -0.06 0.00	35.99 0.05 0.00	38.91 0.02 0.00	53.22 -0.28 0.00	41.85 -0.13 0.00	33.27 0.00 0.00	26.18 -0.03 0.00	23.60 -0.05 0.00	29.38 -0.05 0.00	33.11 0.00 0.00	30.21 0.03 0.00	32.36 0.03 0.00	38.87 -0.07 0.00	53.11 -0.13 0.00	53.05 -0.37 0.00	49.55 -0.18 0.00	46.66 -0.04 0.00	44.43 -0.06 0.00	38.41 -0.11 0.00	35.98 -0.17 0.00
NM_CENTRAL___DRP 24181	48.78 -0.85 0.00	45.56 -0.83 0.00	38.76 -0.72 0.00	38.00 -0.67 0.00	35.97 -0.63 0.00	35.35 -0.59 0.00	38.28 -0.62 0.00	52.73 -0.76 0.00	41.31 -0.66 0.00	32.69 -0.58 0.00	25.72 -0.48 0.00	23.22 -0.43 0.00	28.84 -0.58 0.00	32.45 -0.66 0.00	29.57 -0.61 0.00	31.68 -0.65 0.00	38.23 -0.71 0.00	52.35 -0.89 0.00	52.62 -0.80 0.00	48.92 -0.81 0.00	45.92 -0.78 0.00	43.79 -0.70 0.00	37.89 -0.63 0.00	35.55 -0.60 0.00

NM_FRONTIER___DRP 24179	48.59 -1.04 0.00	44.93 -1.45 0.00	38.00 -1.48 0.00	37.37 -1.30 0.00	35.63 -0.96 0.00	34.82 -1.12 0.00	37.67 -1.23 0.00	51.96 -1.54 0.00	40.41 -1.57 0.00	32.22 -1.05 0.00	25.65 -0.56 0.00	22.95 -0.70 0.00	28.66 -0.77 0.00	32.10 -1.02 0.00	29.29 -0.89 0.00	31.39 -0.94 0.00	37.61 -1.33 0.00	50.33 -2.91 0.00	50.81 -2.60 0.00	46.89 -2.84 0.00	43.52 -3.17 0.00	42.17 -2.32 0.00	37.15 -1.37 0.00	35.14 -1.01 0.00
NM_ST_REGIS___HYD 24053	52.05 2.42 0.00	48.55 2.16 0.00	41.30 1.82 0.00	40.42 1.75 0.00	38.31 1.71 0.00	37.48 1.54 0.00	40.54 1.65 0.00	55.89 2.39 0.00	43.83 1.85 0.00	34.38 1.11 0.00	27.04 0.82 0.00	24.41 0.76 0.00	30.48 1.06 0.00	34.35 1.23 0.00	31.37 1.19 0.00	33.66 1.34 0.00	40.62 1.68 0.00	55.81 2.57 0.00	56.32 2.90 0.00	52.39 2.67 0.00	49.14 2.45 0.00	46.79 2.30 0.00	40.46 1.95 0.00	38.05 1.90 0.00
NORTHPORT___1 23551	50.20 0.57 0.00	47.43 1.04 0.00	40.36 0.88 0.00	39.59 0.92 0.00	37.30 0.70 0.00	36.35 0.41 0.00	39.20 0.31 0.00	53.68 0.21 0.04	42.67 0.69 0.00	34.23 0.96 0.00	27.28 1.07 0.00	24.54 0.88 0.00	30.66 1.24 0.00	34.45 1.34 0.00	31.46 1.28 0.00	33.19 0.86 0.00	39.43 0.49 0.00	53.74 0.49 0.00	51.27 -0.05 2.10	46.57 -0.07 3.10	46.74 0.04 0.00	37.45 -0.29 6.75	38.33 0.03 0.21	36.54 0.39 0.00
NORTHPORT___2 23552	50.20 0.57 0.00	47.43 1.04 0.00	40.36 0.88 0.00	39.59 0.92 0.00	37.30 0.70 0.00	36.35 0.41 0.00	39.20 0.31 0.00	53.68 0.21 0.04	42.67 0.69 0.00	34.23 0.96 0.00	27.28 1.07 0.00	24.54 0.88 0.00	30.66 1.24 0.00	34.45 1.34 0.00	31.46 1.28 0.00	33.19 0.86 0.00	39.43 0.49 0.00	53.74 0.49 0.00	51.27 -0.05 2.10	46.57 -0.07 3.10	46.74 0.04 0.00	37.45 -0.29 6.75	38.33 0.03 0.21	36.54 0.39 0.00
NORTHPORT___3 23553	50.10 0.46 0.00	47.33 0.94 0.00	40.28 0.80 0.00	39.50 0.83 0.00	37.22 0.62 0.00	36.26 0.32 0.00	39.10 0.21 0.00	53.54 0.08 0.04	42.55 0.57 0.00	34.16 0.89 0.00	27.23 1.02 0.00	24.50 0.85 0.00	30.60 1.18 0.00	34.38 1.27 0.00	31.40 1.22 0.00	33.11 0.79 0.00	39.34 0.40 0.00	53.61 0.36 0.00	51.16 -0.16 2.09	46.48 -0.16 3.08	46.63 -0.06 0.00	37.37 -0.40 6.72	38.25 -0.06 0.21	36.46 0.31 0.00
NORTHPORT___4 23650	50.10 0.46 0.00	47.33 0.94 0.00	40.28 0.80 0.00	39.50 0.83 0.00	37.22 0.62 0.00	36.26 0.32 0.00	39.10 0.21 0.00	53.54 0.08 0.04	42.55 0.57 0.00	34.16 0.89 0.00	27.23 1.02 0.00	24.50 0.85 0.00	30.60 1.18 0.00	34.38 1.27 0.00	31.40 1.22 0.00	33.11 0.79 0.00	39.34 0.40 0.00	53.61 0.36 0.00	51.16 -0.16 2.09	46.48 -0.16 3.08	46.63 -0.06 0.00	37.37 -0.40 6.72	38.25 -0.06 0.21	36.46 0.31 0.00
NORTHPORT___IC 23718	50.20 0.57 0.00	47.43 1.04 0.00	40.36 0.88 0.00	39.59 0.92 0.00	37.32 0.72 0.00	36.35 0.41 0.00	39.20 0.30 0.00	53.68 0.21 0.04	42.67 0.70 0.00	34.24 0.97 0.00	27.28 1.07 0.00	24.54 0.89 0.00	30.66 1.24 0.00	34.45 1.34 0.00	31.46 1.28 0.00	33.19 0.87 0.00	39.44 0.50 0.00	53.75 0.51 0.00	51.27 -0.05 2.10	46.57 -0.06 3.10	46.74 0.04 0.00	37.45 -0.29 6.75	38.33 0.03 0.21	36.54 0.39 0.00
NORTH___COUNTRY_ESR 323785	50.82 1.19 0.00	47.40 1.02 0.00	40.37 0.89 0.00	39.51 0.84 0.00	37.48 0.88 0.00	36.66 0.72 0.00	39.56 0.67 0.00	54.48 0.98 0.00	42.83 0.85 0.00	33.93 0.66 0.00	26.80 0.59 0.00	24.19 0.53 0.00	30.13 0.71 0.00	33.87 0.75 0.00	30.90 0.72 0.00	33.10 0.78 0.00	39.78 0.84 0.00	54.34 1.10 0.00	54.59 1.18 0.00	50.80 1.07 0.00	47.57 0.87 0.00	45.22 0.74 0.00	39.22 0.70 0.00	37.03 0.88 0.00
NPX_GEN_1385_PROXY 323591	50.14 0.51 0.00	47.40 1.01 0.00	40.34 0.85 0.00	39.56 0.89 0.00	37.39 0.80 0.00	37.28 0.54 -0.80	97.29 0.44 -57.95	55.07 0.41 -1.16	44.68 0.84 -1.87	34.26 1.00 0.00	27.30 1.09 0.00	24.56 0.91 0.00	30.67 1.25 0.00	34.47 1.36 0.00	31.48 1.30 0.00	66.68 0.98 -33.37	142.57 0.64 -102.99	164.12 0.69 -110.19	51.46 0.14 2.10	46.68 0.04 3.10	46.78 0.08 0.00	37.60 -0.13 6.75	46.62 0.16 -7.95	36.60 0.45 0.00
NPX_GEN_CSC 323557	50.08 0.45 0.00	47.39 1.00 0.00	40.10 0.62 0.00	39.49 0.82 0.00	37.17 0.58 0.00	36.27 0.33 0.00	39.55 0.66 0.00	54.20 0.74 0.04	43.08 1.10 0.00	34.00 0.73 0.00	27.00 0.78 0.00	24.25 0.60 0.00	30.58 1.16 0.00	34.34 1.23 0.00	31.44 1.26 0.00	33.30 0.97 0.00	39.79 0.85 0.00	54.25 1.01 0.00	51.15 -0.20 2.07	46.51 -0.17 3.06	46.85 0.16 0.00	37.46 -0.36 6.67	38.36 0.05 0.21	36.43 0.27 0.00
NSINS_S_GLNS_FALLS 23858	51.30 1.66 0.00	47.97 1.59 0.00	40.85 1.37 0.00	40.03 1.36 0.00	37.93 1.33 0.00	37.29 1.35 0.00	40.37 1.47 0.00	55.07 1.58 0.00	43.21 1.23 0.00	34.14 0.87 0.00	26.60 0.39 0.00	23.95 0.29 0.00	29.86 0.44 0.00	33.75 0.64 0.00	30.71 0.53 0.00	33.17 0.85 0.00	40.32 1.38 0.00	55.23 1.99 0.00	55.15 1.74 0.00	51.59 1.86 0.00	48.66 1.97 0.00	46.22 1.73 0.00	39.86 1.35 0.00	37.19 1.04 0.00
NUCOR_STEEL___DRP 24197	49.35 -0.28 0.00	46.10 -0.29 0.00	39.38 -0.10 0.00	38.65 -0.03 0.00	36.58 -0.02 0.00	35.97 0.03 0.00	38.90 0.01 0.00	53.66 0.16 0.00	41.99 0.00 0.00	33.16 -0.11 0.00	26.01 -0.19 0.00	23.48 -0.17 0.00	29.18 -0.25 0.00	32.63 -0.48 0.00	29.82 -0.37 0.00	31.86 -0.47 0.00	38.66 -0.28 0.00	53.17 -0.07 0.00	53.53 0.12 0.00	49.54 -0.19 0.00	46.59 -0.11 0.00	44.46 -0.02 0.00	38.47 -0.04 0.00	36.12 -0.03 0.00
NUMBER_THREE_WT_PWR 323818	51.67 2.04 0.00	48.22 1.84 0.00	41.01 1.53 0.00	40.21 1.54 0.00	38.06 1.46 0.00	37.38 1.43 0.00	40.54 1.65 0.00	55.83 2.34 0.00	43.66 1.68 0.00	33.96 0.69 0.00	26.42 0.21 0.00	23.81 0.15 0.00	29.74 0.31 0.00	33.52 0.41 0.00	30.56 0.37 0.00	32.76 0.43 0.00	39.72 0.78 0.00	55.04 1.79 0.00	55.61 2.20 0.00	51.72 1.99 0.00	48.81 2.11 0.00	46.69 2.20 0.00	40.30 1.78 0.00	37.75 1.60 0.00
NYISO_LBMP_REFERENCE 24008	49.63 0.00 0.00	46.39 0.00 0.00	39.48 0.00 0.00	38.67 0.00 0.00	36.60 0.00 0.00	35.94 0.00 0.00	38.89 0.00 0.00	53.50 0.00 0.00	41.98 0.00 0.00	33.27 0.00 0.00	26.21 0.00 0.00	23.65 0.00 0.00	29.43 0.00 0.00	33.11 0.00 0.00	30.18 0.00 0.00	32.32 0.00 0.00	38.94 0.00 0.00	53.24 0.00 0.00	53.41 0.00 0.00	49.73 0.00 0.00	46.70 0.00 0.00	44.49 0.00 0.00	38.52 0.00 0.00	36.15 0.00 0.00
NYPA_BRENTWD____GT 24164	50.83 1.20 0.00	47.94 1.55 0.00	40.75 1.27 0.00	39.95 1.28 0.00	37.65 1.06 0.00	36.75 0.81 0.00	39.70 0.81 0.00	54.38 0.91 0.03	43.22 1.24 0.00	34.61 1.34 0.00	27.54 1.33 0.00	24.76 1.11 0.00	30.96 1.54 0.00	34.78 1.67 0.00	31.78 1.59 0.00	33.60 1.27 0.00	40.07 1.12 0.00	54.67 1.43 0.00	52.24 0.82 1.99	47.49 0.70 2.94	47.56 0.86 0.00	38.45 0.37 6.41	38.97 0.65 0.20	37.06 0.91 0.00

NYPA_GOWANUS____GT5 24156	51.28 1.65 0.00	47.96 1.58 0.00	40.67 1.19 0.00	39.76 1.09 0.00	37.60 1.01 0.00	37.20 1.26 0.00	40.22 1.33 0.00	55.47 1.97 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.02 1.78 0.00	55.20 1.79 0.00	51.38 1.65 0.00	48.06 1.36 0.00	45.66 1.17 0.00	39.61 1.09 0.00	37.23 1.08 0.00
NYPA_GOWANUS____GT6 24157	51.28 1.65 0.00	47.96 1.58 0.00	40.67 1.19 0.00	39.76 1.09 0.00	37.60 1.01 0.00	37.20 1.26 0.00	40.22 1.33 0.00	55.47 1.97 0.00	43.77 1.80 0.00	35.06 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.98 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.02 1.78 0.00	55.20 1.79 0.00	51.38 1.65 0.00	48.06 1.36 0.00	45.66 1.17 0.00	39.61 1.09 0.00	37.23 1.08 0.00
NYPA_HARLEM__RVR__GT1 24160	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.88 0.76 3.55	36.45 0.72 0.87	36.98 1.05 0.02	39.93 1.05 0.02	55.05 1.55 0.01	43.51 1.53 0.00	34.90 1.63 0.00	27.55 1.33 0.00	24.90 1.24 0.00	30.93 1.51 0.00	34.76 1.64 0.00	31.69 1.50 0.00	33.73 1.40 0.00	40.20 1.26 0.00	54.55 1.31 0.01	54.77 1.37 0.02	50.96 1.25 0.02	47.67 0.99 0.02	45.30 0.81 0.00	39.31 0.79 0.00	36.96 0.81 0.00
NYPA_HARLEM__RVR__GT2 24161	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.88 0.76 3.55	36.45 0.72 0.87	36.98 1.05 0.02	39.93 1.05 0.02	55.05 1.55 0.01	43.51 1.53 0.00	34.90 1.63 0.00	27.55 1.33 0.00	24.90 1.24 0.00	30.93 1.51 0.00	34.76 1.64 0.00	31.69 1.50 0.00	33.73 1.40 0.00	40.20 1.26 0.00	54.55 1.31 0.01	54.77 1.37 0.02	50.96 1.25 0.02	47.67 0.99 0.02	45.30 0.81 0.00	39.31 0.79 0.00	36.96 0.81 0.00
NYPA_KENT____GT 24152	51.29 1.66 0.00	47.98 1.59 0.00	40.69 1.21 0.00	39.79 1.12 0.00	37.62 1.03 0.00	37.22 1.28 0.00	40.23 1.34 0.00	55.42 1.92 0.00	43.73 1.75 0.00	35.04 1.77 0.00	27.70 1.48 0.00	25.06 1.41 0.00	31.11 1.68 0.00	34.95 1.83 0.00	31.88 1.70 0.00	33.94 1.62 0.00	40.43 1.49 0.00	54.97 1.73 0.00	55.15 1.73 0.00	51.32 1.59 0.00	47.98 1.28 0.00	45.58 1.09 0.00	39.53 1.02 0.00	37.17 1.02 0.00
NYPA_POUCH1____GT 24155	51.58 1.94 -0.01	48.25 1.85 -0.01	40.91 1.42 -0.01	40.00 1.32 -0.01	37.83 1.22 -0.01	37.42 1.47 -0.01	40.46 1.56 -0.01	55.78 2.28 -0.01	43.97 1.99 0.00	35.20 1.94 0.00	27.76 1.55 0.00	25.11 1.46 0.00	31.15 1.72 0.00	35.00 1.88 0.00	31.94 1.76 0.00	34.01 1.68 0.00	40.55 1.61 0.00	55.13 1.89 0.00	55.31 1.89 0.00	51.49 1.76 0.00	48.16 1.47 0.00	45.79 1.30 0.00	39.73 1.21 0.00	37.34 1.19 0.00
NYPA_VERNON____GT2 24162	51.28 1.65 0.00	47.98 1.59 0.00	40.70 1.21 0.00	39.80 1.13 0.00	37.63 1.04 0.00	37.22 1.28 0.00	40.22 1.33 0.00	55.37 1.87 0.00	43.70 1.72 0.00	35.02 1.75 0.00	27.67 1.45 0.00	25.03 1.38 0.00	31.09 1.66 0.00	34.92 1.81 0.00	31.85 1.66 0.00	33.91 1.58 0.00	40.37 1.43 0.00	54.91 1.67 0.00	55.04 1.63 0.00	51.24 1.51 0.00	47.88 1.19 0.00	45.48 0.99 0.00	39.45 0.94 0.00	37.10 0.95 0.00
NYPA_VERNON____GT3 24163	51.28 1.65 0.00	47.98 1.59 0.00	40.70 1.21 0.00	39.80 1.13 0.00	37.63 1.04 0.00	37.22 1.28 0.00	40.22 1.33 0.00	55.37 1.87 0.00	43.70 1.72 0.00	35.02 1.75 0.00	27.67 1.45 0.00	25.03 1.38 0.00	31.09 1.66 0.00	34.92 1.81 0.00	31.85 1.66 0.00	33.91 1.58 0.00	40.37 1.43 0.00	54.91 1.67 0.00	55.04 1.63 0.00	51.24 1.51 0.00	47.88 1.19 0.00	45.48 0.99 0.00	39.45 0.94 0.00	37.10 0.95 0.00
NYPA____ASTORIA_CC1 323568	51.21 1.58 0.00	47.91 1.53 0.00	40.63 1.15 0.00	39.74 1.07 0.00	37.59 1.00 0.00	37.19 1.25 0.00	40.18 1.28 0.00	55.30 1.80 0.00	43.62 1.65 0.00	34.98 1.71 0.00	27.64 1.43 0.00	25.01 1.36 0.00	31.06 1.63 0.00	34.88 1.76 0.00	31.81 1.63 0.00	33.86 1.54 0.00	40.30 1.36 0.00	54.80 1.56 0.00	54.98 1.56 0.00	51.16 1.43 0.00	47.79 1.10 0.00	45.40 0.91 0.00	39.38 0.87 0.00	37.06 0.90 0.00
NYPA____ASTORIA_CC2 323569	51.21 1.58 0.00	47.91 1.53 0.00	40.63 1.15 0.00	39.74 1.07 0.00	37.59 1.00 0.00	37.19 1.25 0.00	40.18 1.28 0.00	55.30 1.80 0.00	43.62 1.65 0.00	34.98 1.71 0.00	27.64 1.43 0.00	25.01 1.36 0.00	31.06 1.63 0.00	34.88 1.76 0.00	31.81 1.63 0.00	33.86 1.54 0.00	40.30 1.36 0.00	54.80 1.56 0.00	54.98 1.56 0.00	51.16 1.43 0.00	47.79 1.10 0.00	45.40 0.91 0.00	39.38 0.87 0.00	37.06 0.90 0.00
NYPA____HOLTSVILL 23794	50.28 0.65 0.00	47.48 1.09 0.00	40.28 0.80 0.00	39.55 0.87 0.00	37.24 0.65 0.00	36.32 0.38 0.00	39.39 0.50 0.00	53.97 0.51 0.04	42.89 0.92 0.00	34.13 0.86 0.00	27.13 0.92 0.00	24.37 0.72 0.00	30.57 1.15 0.00	34.33 1.22 0.00	31.41 1.23 0.00	33.24 0.91 0.00	39.64 0.70 0.00	54.05 0.81 0.00	51.28 -0.06 2.08	46.61 -0.06 3.06	46.88 0.18 0.00	37.56 -0.24 6.68	38.41 0.10 0.21	36.51 0.36 0.00
NYPA____HELLGATE_GT1 24158	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.88 0.76 3.55	36.45 0.72 0.86	36.99 1.05 0.00	39.95 1.05 0.00	55.05 1.55 0.00	43.51 1.53 0.00	34.90 1.63 0.00	27.55 1.33 0.00	24.90 1.24 0.00	30.93 1.51 0.00	34.76 1.64 0.00	31.69 1.50 0.00	33.73 1.40 0.00	40.20 1.26 0.00	54.56 1.31 0.00	54.78 1.37 0.00	50.98 1.25 0.00	47.69 0.99 0.00	45.29 0.81 0.01	39.29 0.79 0.02	36.95 0.81 0.01
NYPA____HELLGATE_GT2 24159	42.05 1.16 8.74	36.04 1.15 11.50	36.02 0.83 4.29	35.88 0.76 3.55	36.45 0.72 0.86	36.99 1.05 0.00	39.95 1.05 0.00	55.05 1.55 0.00	43.51 1.53 0.00	34.90 1.63 0.00	27.55 1.33 0.00	24.90 1.24 0.00	30.93 1.51 0.00	34.76 1.64 0.00	31.69 1.50 0.00	33.73 1.40 0.00	40.20 1.26 0.00	54.56 1.31 0.00	54.78 1.37 0.00	50.98 1.25 0.00	47.69 0.99 0.00	45.29 0.81 0.01	39.29 0.79 0.02	36.95 0.81 0.01
NYS_BARGE____HYD 23848	48.30 -0.55 0.77	44.67 -0.98 0.74	37.76 -1.05 0.67	36.86 -0.90 0.91	35.16 -0.55 0.88	34.62 -0.73 0.60	37.23 -0.80 0.87	51.43 -1.11 0.96	39.27 -1.22 1.49	31.32 -0.88 1.07	25.48 -0.41 0.33	23.12 -0.54 0.00	28.87 -0.55 0.00	32.22 -0.80 0.09	29.40 -0.72 0.06	31.08 -0.76 0.48	37.22 -1.09 0.63	50.93 -2.14 0.17	51.85 -1.57 0.00	47.89 -1.84 0.00	44.44 -2.26 0.00	42.97 -1.52 0.00	37.60 -0.92 0.00	35.56 -0.59 0.00
OAK ORCHARD____HYD 24046	49.03 -0.22 0.37	45.56 -0.47 0.36	38.64 -0.52 0.33	37.79 -0.44 0.44	35.89 -0.28 0.43	35.30 -0.35 0.29	38.16 -0.32 0.42	52.80 -0.24 0.46	40.88 -0.38 0.72	32.41 -0.34 0.52	25.84 -0.22 0.16	23.37 -0.28 0.00	29.11 -0.31 0.00	32.63 -0.43 0.05	29.77 -0.38 0.03	31.71 -0.39 0.23	38.23 -0.40 0.30	52.52 -0.64 0.08	53.11 -0.30 0.00	49.25 -0.48 0.00	45.95 -0.74 0.00	44.05 -0.44 0.00	38.23 -0.28 0.00	35.94 -0.21 0.00

OAKDALE___35_KV_LOAD 356122	49.69 0.06 0.00	46.35 -0.03 0.00	39.38 -0.10 0.00	38.66 -0.01 0.00	36.57 -0.03 0.00	35.95 0.01 0.00	38.88 -0.02 0.00	53.62 0.12 0.00	41.94 -0.04 0.00	33.27 0.00 0.00	26.21 0.00 0.00	23.66 0.01 0.00	29.34 -0.09 0.00	32.95 -0.16 0.00	30.03 -0.16 0.00	32.12 -0.20 0.00	38.75 -0.19 0.00	52.85 -0.39 0.00	53.20 -0.21 0.00	49.39 -0.34 0.00	46.29 -0.41 0.00	44.19 -0.30 0.00	38.27 -0.25 0.00	35.96 -0.19 0.00
OCC_CHEM___DRP 24175	48.65 -0.98 0.00	44.99 -1.40 0.00	38.06 -1.42 0.00	37.42 -1.26 0.00	35.68 -0.92 0.00	34.86 -1.08 0.00	37.72 -1.18 0.00	52.03 -1.47 0.00	40.45 -1.52 0.00	32.27 -1.01 0.00	25.68 -0.53 0.00	22.98 -0.67 0.00	28.69 -0.74 0.00	32.14 -0.98 0.00	29.33 -0.86 0.00	31.43 -0.89 0.00	37.66 -1.28 0.00	50.43 -2.81 0.00	50.91 -2.51 0.00	46.99 -2.75 0.00	43.60 -3.09 0.00	42.25 -2.24 0.00	37.20 -1.31 0.00	35.20 -0.96 0.00
OH_GEN_PROXY 24063	47.76 -0.94 0.93	44.15 -1.34 0.89	37.32 -1.35 0.81	36.38 -1.19 1.10	34.67 -0.86 1.07	34.19 -1.03 0.72	36.72 -1.13 1.05	50.95 -1.39 1.15	38.77 -1.40 1.80	31.01 -0.97 1.29	25.29 -0.52 0.40	23.01 -0.64 0.00	28.72 -0.71 0.00	32.07 -0.92 0.11	29.29 -0.82 0.07	30.88 -0.87 0.58	36.96 -1.22 0.76	50.56 -2.47 0.21	51.33 -2.08 0.00	47.39 -2.34 0.00	43.98 -2.71 0.00	42.54 -1.95 0.00	37.21 -1.30 0.00	35.18 -0.97 0.00
OLIN_CORP_DRP 24177	48.48 -1.15 0.00	44.89 -1.50 0.00	37.98 -1.50 0.00	37.32 -1.35 0.00	35.61 -0.99 0.00	34.82 -1.13 0.00	37.64 -1.25 0.00	51.67 -1.83 0.00	40.17 -1.81 0.00	32.01 -1.26 0.00	25.58 -0.63 0.00	22.91 -0.74 0.00	28.63 -0.79 0.00	32.05 -1.06 0.00	29.21 -0.98 0.00	31.25 -1.07 0.00	37.44 -1.51 0.00	50.48 -2.77 0.00	51.18 -2.23 0.00	47.26 -2.46 0.00	43.83 -2.86 0.00	42.43 -2.06 0.00	37.16 -1.36 0.00	35.18 -0.97 0.00
OLIN_CORP_DSASP 323712	47.79 -0.95 0.89	44.15 -1.39 0.85	37.30 -1.41 0.77	36.39 -1.24 1.04	34.71 -0.87 1.01	34.17 -1.09 0.69	36.73 -1.17 1.00	50.94 -1.46 1.09	38.78 -1.48 1.71	31.05 -1.00 1.23	25.30 -0.53 0.38	22.98 -0.67 0.00	28.69 -0.74 0.00	32.03 -0.97 0.11	29.27 -0.85 0.07	30.88 -0.90 0.55	36.93 -1.29 0.73	50.23 -2.81 0.20	50.91 -2.50 0.00	46.98 -2.75 0.00	43.60 -3.10 0.00	42.25 -2.24 0.00	37.20 -1.31 0.00	35.19 -0.96 0.00
ONEIDA_HERK_LFGE 323681	51.08 1.45 0.00	47.69 1.31 0.00	40.58 1.10 0.00	39.81 1.13 0.00	37.67 1.08 0.00	37.02 1.08 0.00	40.13 1.23 0.00	55.27 1.77 0.00	43.28 1.30 0.00	33.94 0.67 0.00	26.53 0.32 0.00	23.90 0.25 0.00	29.76 0.33 0.00	33.53 0.42 0.00	30.60 0.42 0.00	32.78 0.45 0.00	39.68 0.73 0.00	54.71 1.47 0.00	55.09 1.67 0.00	51.24 1.50 0.00	48.22 1.53 0.00	46.02 1.53 0.00	39.75 1.24 0.00	37.25 1.10 0.00
ONEIDA___115KV_TB4 55905	50.87 1.24 0.00	47.48 1.09 0.00	40.45 0.97 0.00	39.74 1.07 0.00	37.60 1.00 0.00	36.99 1.05 0.00	40.09 1.20 0.00	55.25 1.75 0.00	43.25 1.27 0.00	34.00 0.73 0.00	26.59 0.38 0.00	23.92 0.27 0.00	29.74 0.31 0.00	33.49 0.38 0.00	30.58 0.39 0.00	32.72 0.39 0.00	39.57 0.62 0.00	54.56 1.32 0.00	54.97 1.55 0.00	51.12 1.39 0.00	48.02 1.33 0.00	45.77 1.29 0.00	39.56 1.05 0.00	37.05 0.90 0.00
ONONDAGA_REF_OCCRA 23987	49.15 -0.48 0.00	45.88 -0.50 0.00	39.04 -0.44 0.00	38.28 -0.40 0.00	36.22 -0.37 0.00	35.61 -0.34 0.00	38.57 -0.33 0.00	53.14 -0.36 0.00	41.62 -0.36 0.00	32.91 -0.36 0.00	25.87 -0.34 0.00	23.38 -0.28 0.00	29.02 -0.40 0.00	32.66 -0.45 0.00	29.74 -0.44 0.00	31.87 -0.46 0.00	38.49 -0.45 0.00	52.77 -0.48 0.00	53.07 -0.35 0.00	49.35 -0.38 0.00	46.31 -0.39 0.00	44.15 -0.34 0.00	38.19 -0.32 0.00	35.82 -0.33 0.00
ONONDAGA___COGEN 23986	49.04 -0.60 0.00	45.79 -0.59 0.00	38.99 -0.49 0.00	38.23 -0.44 0.00	36.18 -0.42 0.00	35.57 -0.37 0.00	38.52 -0.38 0.00	53.07 -0.42 0.00	41.57 -0.41 0.00	32.87 -0.40 0.00	25.84 -0.37 0.00	23.34 -0.31 0.00	28.99 -0.43 0.00	32.59 -0.52 0.00	29.71 -0.48 0.00	31.82 -0.51 0.00	38.45 -0.49 0.00	52.72 -0.52 0.00	52.98 -0.44 0.00	49.23 -0.50 0.00	46.22 -0.47 0.00	44.06 -0.43 0.00	38.12 -0.39 0.00	35.77 -0.39 0.00
ONTARIO___LFGE 23819	49.76 0.13 0.00	46.38 -0.01 0.00	39.39 -0.09 0.00	38.68 0.01 0.00	36.65 0.05 0.00	36.02 0.08 0.00	39.05 0.16 0.00	53.84 0.34 0.00	42.09 0.12 0.00	33.15 -0.12 0.00	26.03 -0.18 0.00	23.47 -0.18 0.00	29.14 -0.29 0.00	32.70 -0.42 0.00	29.76 -0.43 0.00	31.88 -0.45 0.00	38.54 -0.40 0.00	52.86 -0.39 0.00	53.53 0.12 0.00	49.74 0.01 0.00	46.59 -0.10 0.00	44.51 0.02 0.00	38.54 0.02 0.00	36.19 0.04 0.00
ORANGEVILLE_WT_PWR 323706	49.29 -0.08 0.26	45.67 -0.47 0.25	38.67 -0.58 0.23	37.93 -0.44 0.31	36.07 -0.23 0.30	35.41 -0.33 0.20	38.27 -0.34 0.29	52.90 -0.28 0.32	40.83 -0.65 0.50	32.23 -0.68 0.36	25.70 -0.40 0.11	23.18 -0.47 0.00	28.87 -0.55 0.00	32.25 -0.83 0.03	29.38 -0.78 0.02	31.28 -0.88 0.16	37.72 -1.02 0.21	51.59 -1.59 0.06	52.41 -1.01 0.00	48.36 -1.38 0.00	44.91 -1.79 0.00	43.26 -1.23 0.00	37.69 -0.83 0.00	35.58 -0.57 0.00
ORANGEVILLE___ESR 323794	49.29 -0.08 0.26	45.67 -0.47 0.25	38.67 -0.58 0.23	37.93 -0.44 0.31	36.07 -0.23 0.30	35.41 -0.33 0.20	38.27 -0.34 0.29	52.90 -0.28 0.32	40.83 -0.65 0.50	32.23 -0.68 0.36	25.70 -0.40 0.11	23.18 -0.47 0.00	28.87 -0.55 0.00	32.25 -0.83 0.03	29.38 -0.78 0.02	31.28 -0.88 0.16	37.72 -1.02 0.21	51.59 -1.59 0.06	52.41 -1.01 0.00	48.36 -1.38 0.00	44.91 -1.79 0.00	43.26 -1.23 0.00	37.69 -0.83 0.00	35.58 -0.57 0.00
OSWEGATCHIE___HYD 24044	51.81 2.18 0.00	48.34 1.95 0.00	41.11 1.63 0.00	40.27 1.59 0.00	38.14 1.54 0.00	37.38 1.43 0.00	40.50 1.61 0.00	55.66 2.16 0.00	43.56 1.58 0.00	33.96 0.69 0.00	26.53 0.32 0.00	23.96 0.31 0.00	30.03 0.61 0.00	33.85 0.74 0.00	30.90 0.71 0.00	33.12 0.79 0.00	39.98 1.04 0.00	55.23 1.98 0.00	55.85 2.44 0.00	51.95 2.22 0.00	48.89 2.20 0.00	46.82 2.33 0.00	40.42 1.91 0.00	37.91 1.76 0.00
OSWEGO___5 23606	48.32 -1.31 0.00	45.14 -1.25 0.00	38.41 -1.07 0.00	37.65 -1.02 0.00	35.64 -0.96 0.00	35.02 -0.92 0.00	37.91 -0.98 0.00	52.19 -1.31 0.00	40.90 -1.08 0.00	32.39 -0.89 0.00	25.48 -0.73 0.00	23.01 -0.65 0.00	28.59 -0.83 0.00	32.15 -0.96 0.00	29.30 -0.88 0.00	31.38 -0.95 0.00	37.85 -1.09 0.00	51.82 -1.43 0.00	52.03 -1.38 0.00	48.40 -1.33 0.00	45.44 -1.25 0.00	43.34 -1.15 0.00	37.51 -1.00 0.00	35.20 -0.95 0.00
OSWEGO___6 23613	48.32 -1.31 0.00	45.14 -1.25 0.00	38.41 -1.07 0.00	37.65 -1.02 0.00	35.64 -0.96 0.00	35.02 -0.92 0.00	37.91 -0.98 0.00	52.19 -1.31 0.00	40.90 -1.08 0.00	32.39 -0.89 0.00	25.48 -0.73 0.00	23.01 -0.65 0.00	28.59 -0.83 0.00	32.15 -0.96 0.00	29.30 -0.88 0.00	31.38 -0.95 0.00	37.85 -1.09 0.00	51.82 -1.43 0.00	52.03 -1.38 0.00	48.40 -1.33 0.00	45.44 -1.25 0.00	43.34 -1.15 0.00	37.51 -1.00 0.00	35.20 -0.95 0.00

OUTOKUMPU-AB___DRP 24206	49.36 -0.27 0.00	45.67 -0.72 0.00	38.64 -0.84 0.00	37.97 -0.71 0.00	36.20 -0.39 0.00	35.40 -0.55 0.00	38.31 -0.58 0.00	52.83 -0.67 0.00	41.08 -0.90 0.00	32.68 -0.59 0.00	26.01 -0.20 0.00	23.29 -0.37 0.00	29.07 -0.36 0.00	32.55 -0.57 0.00	29.66 -0.52 0.00	31.78 -0.55 0.00	38.14 -0.80 0.00	51.36 -1.88 0.00	52.01 -1.40 0.00	48.03 -1.70 0.00	44.56 -2.14 0.00	43.11 -1.38 0.00	37.77 -0.75 0.00	35.72 -0.43 0.00
OXBOW___BTM 323836	48.11 -0.63 0.89	44.45 -1.09 0.85	37.55 -1.16 0.77	36.64 -0.99 1.04	34.93 -0.65 1.01	34.41 -0.85 0.69	36.99 -0.91 1.00	51.29 -1.12 1.09	39.05 -1.22 1.71	31.22 -0.82 1.23	25.45 -0.38 0.38	23.11 -0.54 0.00	28.85 -0.57 0.00	32.21 -0.79 0.11	29.41 -0.70 0.07	31.04 -0.74 0.55	37.15 -1.07 0.73	50.67 -2.38 0.20	51.43 -1.99 0.00	47.47 -2.26 0.00	44.04 -2.65 0.00	42.65 -1.84 0.00	37.45 -1.06 0.00	35.43 -0.73 0.00
OXBOW___ 24026	48.96 -0.67 0.00	45.28 -1.10 0.00	38.31 -1.17 0.00	37.65 -1.02 0.00	35.90 -0.69 0.00	35.09 -0.85 0.00	37.98 -0.91 0.00	52.38 -1.12 0.00	40.73 -1.24 0.00	32.44 -0.83 0.00	25.83 -0.38 0.00	23.11 -0.54 0.00	28.85 -0.57 0.00	32.32 -0.79 0.00	29.47 -0.71 0.00	31.58 -0.75 0.00	37.87 -1.07 0.00	50.86 -2.38 0.00	51.43 -1.98 0.00	47.48 -2.25 0.00	44.04 -2.65 0.00	42.65 -1.83 0.00	37.46 -1.06 0.00	35.43 -0.73 0.00
OXY_CHEM_DSASP 323612	48.65 -0.98 0.00	44.99 -1.40 0.00	38.06 -1.42 0.00	37.42 -1.26 0.00	35.68 -0.92 0.00	34.86 -1.08 0.00	37.72 -1.18 0.00	52.03 -1.47 0.00	40.45 -1.52 0.00	32.27 -1.01 0.00	25.68 -0.53 0.00	22.98 -0.67 0.00	28.69 -0.74 0.00	32.14 -0.98 0.00	29.33 -0.86 0.00	31.43 -0.89 0.00	37.66 -1.28 0.00	50.43 -2.81 0.00	50.91 -2.51 0.00	46.99 -2.75 0.00	43.60 -3.09 0.00	42.25 -2.24 0.00	37.20 -1.31 0.00	35.20 -0.96 0.00
OZONE_PARK_ESR 323760	51.71 2.08 0.00	48.34 1.96 0.00	40.98 1.51 0.00	40.11 1.44 0.00	37.90 1.31 0.00	37.43 1.49 0.00	40.45 1.56 0.00	55.69 2.19 0.00	43.97 2.00 0.00	35.20 1.93 0.00	27.80 1.59 0.00	25.12 1.47 0.00	31.21 1.79 0.00	35.07 1.95 0.00	31.98 1.79 0.00	34.10 1.77 0.00	40.65 1.71 0.00	55.30 2.05 0.00	55.42 2.00 0.00	51.61 1.88 0.00	48.28 1.59 0.00	45.86 1.37 0.00	39.76 1.24 0.00	37.37 1.22 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	48.65 -0.98 0.00	44.99 -1.40 0.00	38.06 -1.42 0.00	37.42 -1.26 0.00	35.68 -0.92 0.00	34.86 -1.08 0.00	37.72 -1.18 0.00	52.03 -1.47 0.00	40.45 -1.52 0.00	32.27 -1.01 0.00	25.68 -0.53 0.00	22.98 -0.67 0.00	28.69 -0.74 0.00	32.14 -0.98 0.00	29.33 -0.86 0.00	31.43 -0.89 0.00	37.66 -1.28 0.00	50.43 -2.81 0.00	50.91 -2.51 0.00	46.99 -2.75 0.00	43.60 -3.09 0.00	42.25 -2.24 0.00	37.20 -1.31 0.00	35.20 -0.96 0.00
PACKARD__115KV_DUPONT_184 80571	47.79 -0.95 0.89	44.15 -1.39 0.85	37.30 -1.41 0.77	36.39 -1.24 1.04	34.71 -0.87 1.01	34.17 -1.09 0.69	36.73 -1.17 1.00	50.94 -1.46 1.09	38.78 -1.48 1.71	31.05 -1.00 1.23	25.30 -0.53 0.38	22.98 -0.67 0.00	28.69 -0.74 0.00	32.03 -0.97 0.11	29.27 -0.85 0.07	30.88 -0.90 0.55	36.93 -1.29 0.73	50.23 -2.81 0.20	50.91 -2.50 0.00	46.98 -2.75 0.00	43.60 -3.10 0.00	42.25 -2.24 0.00	37.20 -1.31 0.00	35.19 -0.96 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.14 1.25 8.74	36.11 1.22 11.50	36.10 0.91 4.29	35.95 0.82 3.55	36.53 0.80 0.86	37.09 1.15 0.00	40.06 1.16 0.00	55.19 1.69 0.00	43.57 1.60 0.00	34.92 1.65 0.00	27.56 1.35 0.00	24.91 1.26 0.00	30.94 1.52 0.00	34.77 1.66 0.00	31.71 1.53 0.00	33.76 1.44 0.00	40.26 1.32 0.00	54.75 1.51 0.00	54.95 1.53 0.00	51.13 1.40 0.00	47.83 1.14 0.00	45.44 0.95 0.00	39.43 0.92 0.00	37.07 0.91 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.10 2.21 8.74	37.01 2.12 11.50	36.88 1.69 4.29	36.74 1.61 3.55	37.30 1.57 0.86	37.81 1.87 0.00	40.86 1.97 0.00	56.29 2.79 0.00	44.47 2.49 0.00	35.64 2.37 0.00	28.10 1.89 0.00	25.38 1.73 0.00	31.52 2.10 0.00	35.41 2.30 0.00	32.29 2.10 0.00	34.39 2.06 0.00	41.00 2.06 0.00	55.68 2.44 0.00	55.99 2.57 0.00	52.08 2.35 0.00	48.73 2.04 0.00	46.29 1.80 0.00	40.14 1.63 0.00	37.73 1.58 0.00
PATROON__115KV_TB1 80586	49.71 0.08 0.00	46.48 0.10 0.00	39.59 0.11 0.00	38.76 0.10 0.00	36.70 0.11 0.00	36.14 0.20 0.00	39.07 0.18 0.00	53.48 -0.02 0.00	42.04 0.06 0.00	33.40 0.13 0.00	26.27 0.06 0.00	23.70 0.04 0.00	29.48 0.05 0.00	33.24 0.12 0.00	30.34 0.16 0.00	32.51 0.19 0.00	39.09 0.15 0.00	53.42 0.18 0.00	53.37 -0.04 0.00	49.84 0.11 0.00	46.91 0.22 0.00	44.65 0.16 0.00	38.59 0.08 0.00	36.15 0.00 0.00
PATTRSNVILLE___SOLAR 323815	50.77 1.14 0.00	47.46 1.07 0.00	40.40 0.92 0.00	39.57 0.90 0.00	37.43 0.84 0.00	36.82 0.88 0.00	39.84 0.94 0.00	54.75 1.25 0.00	42.73 0.75 0.00	33.62 0.35 0.00	26.36 0.14 0.00	23.75 0.10 0.00	29.59 0.16 0.00	33.35 0.24 0.00	30.33 0.15 0.00	32.54 0.21 0.00	39.49 0.55 0.00	54.35 1.11 0.00	54.63 1.22 0.00	50.93 1.20 0.00	47.86 1.17 0.00	45.58 1.09 0.00	39.40 0.89 0.00	36.92 0.77 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	49.36 -0.27 0.00	45.72 -0.67 0.00	38.69 -0.79 0.00	38.04 -0.63 0.00	36.22 -0.37 0.00	35.47 -0.48 0.00	38.38 -0.51 0.00	52.98 -0.52 0.00	41.22 -0.75 0.00	32.76 -0.51 0.00	26.00 -0.21 0.00	23.31 -0.34 0.00	29.04 -0.38 0.00	32.53 -0.59 0.00	29.62 -0.56 0.00	31.76 -0.57 0.00	38.13 -0.81 0.00	51.50 -1.75 0.00	52.18 -1.24 0.00	48.17 -1.56 0.00	44.74 -1.96 0.00	43.18 -1.31 0.00	37.67 -0.84 0.00	35.57 -0.58 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	51.47 1.84 0.00	48.15 1.76 0.00	40.87 1.39 0.00	39.97 1.30 0.00	37.78 1.18 0.00	37.26 1.32 0.00	40.29 1.40 0.00	55.45 1.95 0.00	43.75 1.77 0.00	34.96 1.69 0.00	27.55 1.34 0.00	24.90 1.24 0.00	30.92 1.50 0.00	34.78 1.67 0.00	31.71 1.53 0.00	33.85 1.52 0.00	40.47 1.53 0.00	55.11 1.87 0.00	55.25 1.84 0.00	51.44 1.71 0.00	48.20 1.50 0.00	45.79 1.30 0.00	39.67 1.15 0.00	37.25 1.10 0.00
PEEKSKILL___ 23653	51.02 1.39 0.00	47.74 1.35 0.00	40.50 1.02 0.00	39.63 0.96 0.00	37.46 0.86 0.00	36.97 1.02 0.00	39.95 1.05 0.00	54.98 1.48 0.00	43.36 1.39 0.00	34.67 1.40 0.00	27.36 1.15 0.00	24.75 1.10 0.00	30.75 1.32 0.00	34.56 1.44 0.00	31.50 1.32 0.00	33.59 1.27 0.00	40.08 1.14 0.00	54.52 1.28 0.00	54.61 1.20 0.00	50.84 1.11 0.00	47.62 0.93 0.00	45.26 0.77 0.00	39.26 0.74 0.00	36.88 0.73 0.00
PGE MADISON___WINDPWR 24146	52.77 3.14 0.00	49.17 2.78 0.00	41.67 2.19 0.00	41.02 2.35 0.00	38.81 2.21 0.00	38.24 2.30 0.00	41.53 2.64 0.00	57.40 3.90 0.00	44.83 2.85 0.00	35.16 1.89 0.00	27.50 1.29 0.00	24.82 1.17 0.00	30.60 1.17 0.00	34.40 1.28 0.00	31.27 1.09 0.00	33.60 1.27 0.00	40.94 2.00 0.00	56.90 3.66 0.00	57.49 4.07 0.00	53.02 3.28 0.00	49.76 3.06 0.00	47.37 2.88 0.00	40.93 2.41 0.00	38.24 2.09 0.00

PIERCEFIELD___HYD 23852	52.06 2.43 0.00	48.56 2.18 0.00	41.30 1.82 0.00	40.43 1.76 0.00	38.31 1.71 0.00	37.48 1.54 0.00	40.57 1.67 0.00	55.90 2.40 0.00	43.81 1.83 0.00	34.29 1.02 0.00	26.97 0.76 0.00	24.34 0.68 0.00	30.44 1.01 0.00	34.30 1.19 0.00	31.34 1.16 0.00	33.60 1.27 0.00	40.58 1.64 0.00	55.83 2.59 0.00	56.37 2.96 0.00	52.43 2.70 0.00	49.20 2.50 0.00	46.87 2.39 0.00	40.53 2.01 0.00	38.08 1.93 0.00
PINELAWN_CC_1 323563	50.75 1.12 0.00	47.79 1.40 0.00	40.56 1.09 0.00	39.76 1.08 0.00	37.47 0.87 0.00	36.65 0.71 0.00	39.59 0.69 0.00	54.29 0.82 0.03	43.10 1.12 0.00	34.52 1.25 0.00	27.41 1.20 0.00	24.62 0.96 0.00	30.75 1.32 0.00	34.53 1.41 0.00	31.45 1.27 0.00	33.14 0.81 0.00	39.50 0.55 0.00	53.87 0.63 0.00	51.82 0.15 1.75	47.28 0.13 2.58	46.93 0.23 0.00	38.73 -0.13 5.63	38.56 0.22 0.17	36.91 0.75 0.00
PJM_GEN_HTTP_PROXY 323702	51.28 1.65 0.00	47.97 1.59 0.00	40.70 1.21 0.00	39.82 1.14 0.00	37.62 1.02 0.00	37.15 1.21 0.00	40.14 1.25 0.00	55.24 1.74 0.00	43.60 1.62 0.00	34.90 1.63 0.00	27.54 1.33 0.00	24.93 1.27 0.00	30.96 1.53 0.00	34.79 1.68 0.00	31.72 1.54 0.00	33.79 1.46 0.00	40.27 1.33 0.00	54.77 1.53 0.00	54.88 1.47 0.00	51.09 1.36 0.00	47.80 1.10 0.00	45.41 0.92 0.00	39.38 0.86 0.00	37.03 0.87 0.00
PJM_GEN_KEystone 24065	48.97 0.24 0.90	45.61 0.09 0.86	38.61 -0.09 0.78	37.58 -0.03 1.06	35.58 0.01 1.03	35.36 0.12 0.70	37.95 0.07 1.01	52.67 0.28 1.11	40.41 0.17 1.74	32.36 0.34 1.25	26.17 0.34 0.39	23.98 0.33 0.00	29.79 0.37 0.00	33.31 0.31 0.11	30.37 0.26 0.07	31.95 0.18 0.56	38.17 -0.04 0.74	52.51 -0.53 0.20	53.04 -0.37 0.00	49.22 -0.51 0.00	45.98 -0.71 0.00	43.94 -0.54 0.00	38.17 -0.34 0.00	35.91 -0.24 0.00
PJM_GEN_NEPTUNE_PROXY 323594	50.50 0.87 0.00	47.51 1.12 0.00	40.32 0.84 0.00	39.51 0.84 0.00	37.25 0.66 0.00	36.50 0.56 0.00	39.43 0.54 0.00	54.10 0.63 0.04	42.91 0.93 0.00	34.36 1.09 0.00	27.27 1.07 0.00	24.57 0.91 0.00	30.64 1.22 0.00	34.42 1.31 0.00	31.42 1.24 0.00	33.30 0.97 0.00	39.67 0.73 0.00	54.06 0.82 0.00	51.59 0.41 2.23	46.81 0.37 3.30	47.10 0.40 0.00	37.39 0.08 7.18	38.60 0.31 0.22	36.67 0.52 0.00
PJM_GEN_VFT_PROXY 323633	51.06 1.43 0.00	47.77 1.39 0.00	40.50 1.02 0.00	39.62 0.95 0.00	37.46 0.86 0.00	37.01 1.07 0.00	40.00 1.11 0.00	55.06 1.56 0.00	43.45 1.47 0.00	34.81 1.54 0.00	27.50 1.29 0.00	24.89 1.24 0.00	30.90 1.47 0.00	34.72 1.61 0.00	31.65 1.47 0.00	33.73 1.40 0.00	40.18 1.24 0.00	54.63 1.39 0.00	54.74 1.33 0.00	50.96 1.23 0.00	47.68 0.99 0.00	45.30 0.81 0.00	39.30 0.78 0.00	36.94 0.79 0.00
PLATSBURG_115KV_PMLD1 355749	51.09 1.46 0.00	47.64 1.26 0.00	40.64 1.16 0.00	39.78 1.11 0.00	37.71 1.11 0.00	36.91 0.97 0.00	39.70 0.81 0.00	54.53 1.03 0.00	42.97 0.99 0.00	34.13 0.86 0.00	26.93 0.72 0.00	24.31 0.66 0.00	30.28 0.86 0.00	34.03 0.92 0.00	31.01 0.83 0.00	33.18 0.85 0.00	39.70 0.76 0.00	54.06 0.82 0.00	54.23 0.82 0.00	50.52 0.79 0.00	47.29 0.60 0.00	44.96 0.47 0.00	39.06 0.54 0.00	37.13 0.98 0.00
PLEASANTVLY___LBMP 24000	50.76 1.13 0.00	47.51 1.12 0.00	40.34 0.85 0.00	39.48 0.80 0.00	37.31 0.71 0.00	36.79 0.85 0.00	39.76 0.86 0.00	54.64 1.14 0.00	43.09 1.11 0.00	34.44 1.17 0.00	27.16 0.95 0.00	24.55 0.90 0.00	30.51 1.09 0.00	34.30 1.19 0.00	31.28 1.09 0.00	33.37 1.04 0.00	39.86 0.92 0.00	54.24 1.00 0.00	54.30 0.88 0.00	50.57 0.84 0.00	47.42 0.72 0.00	45.08 0.59 0.00	39.11 0.59 0.00	36.73 0.58 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	51.13 1.50 0.00	47.86 1.47 0.00	40.62 1.13 0.00	39.74 1.07 0.00	37.56 0.97 0.00	37.03 1.09 0.00	40.03 1.13 0.00	55.06 1.56 0.00	43.45 1.47 0.00	34.75 1.48 0.00	27.41 1.20 0.00	24.78 1.13 0.00	30.80 1.38 0.00	34.62 1.50 0.00	31.56 1.38 0.00	33.65 1.32 0.00	40.15 1.21 0.00	54.63 1.38 0.00	54.72 1.31 0.00	50.97 1.24 0.00	47.75 1.05 0.00	45.37 0.89 0.00	39.35 0.83 0.00	36.97 0.82 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	51.13 1.50 0.00	47.86 1.47 0.00	40.62 1.13 0.00	39.74 1.07 0.00	37.56 0.97 0.00	37.03 1.09 0.00	40.03 1.13 0.00	55.06 1.56 0.00	43.45 1.47 0.00	34.75 1.48 0.00	27.41 1.20 0.00	24.78 1.13 0.00	30.80 1.38 0.00	34.62 1.50 0.00	31.56 1.38 0.00	33.65 1.32 0.00	40.15 1.21 0.00	54.63 1.38 0.00	54.72 1.31 0.00	50.97 1.24 0.00	47.75 1.05 0.00	45.37 0.89 0.00	39.35 0.83 0.00	36.97 0.82 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	51.21 1.58 0.00	47.90 1.51 0.00	40.68 1.20 0.00	39.81 1.14 0.00	37.63 1.04 0.00	37.11 1.16 0.00	40.11 1.22 0.00	55.14 1.65 0.00	43.48 1.50 0.00	34.69 1.42 0.00	27.31 1.10 0.00	24.67 1.01 0.00	30.66 1.23 0.00	34.48 1.37 0.00	31.45 1.27 0.00	33.60 1.28 0.00	40.23 1.28 0.00	54.84 1.59 0.00	54.94 1.52 0.00	51.17 1.43 0.00	47.97 1.27 0.00	45.61 1.13 0.00	39.51 1.00 0.00	37.09 0.93 0.00
POLETTI_____ 23519	41.53 0.64 8.74	35.55 0.66 11.50	35.62 0.43 4.29	35.51 0.39 3.55	36.07 0.34 0.87	36.60 0.67 0.01	39.50 0.61 0.01	54.44 0.95 0.00	43.04 1.07 0.00	34.56 1.29 0.00	27.36 1.15 0.00	24.73 1.07 0.00	30.72 1.30 0.00	34.51 1.39 0.00	31.47 1.29 0.00	33.48 1.16 0.00	39.82 0.88 0.00	53.97 0.73 0.00	54.18 0.77 0.01	50.43 0.71 0.01	47.17 0.48 0.01	44.80 0.32 0.01	38.88 0.37 0.01	36.61 0.46 0.00
POMONA___ESR 323819	51.10 1.47 0.00	47.80 1.41 0.00	40.53 1.06 0.00	39.67 1.00 0.00	37.49 0.90 0.00	37.03 1.09 0.00	40.02 1.13 0.00	55.11 1.61 0.00	43.45 1.47 0.00	34.74 1.48 0.00	27.43 1.22 0.00	24.81 1.15 0.00	30.82 1.40 0.00	34.64 1.52 0.00	31.56 1.38 0.00	33.66 1.34 0.00	40.17 1.23 0.00	54.65 1.41 0.00	54.72 1.31 0.00	50.94 1.21 0.00	47.72 1.02 0.00	45.35 0.86 0.00	39.35 0.84 0.00	36.95 0.80 0.00
PORT_JEFF_3 23555	50.37 0.74 0.00	47.56 1.17 0.00	40.33 0.85 0.00	39.61 0.95 0.00	37.30 0.70 0.00	36.39 0.45 0.00	39.47 0.58 0.00	54.09 0.62 0.04	42.99 1.01 0.00	34.21 0.94 0.00	27.18 0.97 0.00	24.42 0.76 0.00	30.62 1.20 0.00	34.40 1.29 0.00	31.47 1.28 0.00	33.31 0.98 0.00	39.73 0.79 0.00	54.20 0.96 0.00	51.39 0.05 2.07	46.72 0.04 3.06	47.01 0.31 0.00	37.69 -0.12 6.67	38.51 0.20 0.21	36.59 0.44 0.00
PORT_JEFF_4 23616	50.37 0.74 0.00	47.56 1.17 0.00	40.33 0.85 0.00	39.61 0.95 0.00	37.30 0.70 0.00	36.39 0.45 0.00	39.47 0.58 0.00	54.09 0.62 0.04	42.99 1.01 0.00	34.21 0.94 0.00	27.18 0.97 0.00	24.42 0.76 0.00	30.62 1.20 0.00	34.40 1.29 0.00	31.47 1.28 0.00	33.31 0.98 0.00	39.73 0.79 0.00	54.20 0.96 0.00	51.39 0.05 2.07	46.72 0.04 3.06	47.01 0.31 0.00	37.69 -0.12 6.67	38.51 0.20 0.21	36.59 0.44 0.00

PORT_JEFF_IC 23713	50.39 0.76 0.00	47.58 1.19 0.00	40.36 0.88 0.00	39.64 0.97 0.00	37.34 0.74 0.00	36.41 0.47 0.00	39.48 0.59 0.00	54.10 0.64 0.04	43.01 1.04 0.00	34.24 0.97 0.00	27.21 1.00 0.00	24.43 0.78 0.00	30.64 1.22 0.00	34.43 1.31 0.00	31.49 1.31 0.00	33.33 1.01 0.00	39.77 0.82 0.00	54.25 1.01 0.00	51.36 0.00 2.06	46.70 0.01 3.04	47.06 0.36 0.00	37.79 -0.08 6.63	38.54 0.23 0.20	36.61 0.46 0.00
PPL PILGRIM_ST_GT1 24216	50.83 1.20 0.00	47.94 1.55 0.00	40.75 1.27 0.00	39.95 1.28 0.00	37.65 1.06 0.00	36.75 0.81 0.00	39.70 0.81 0.00	54.38 0.91 0.03	43.22 1.24 0.00	34.61 1.34 0.00	27.54 1.33 0.00	24.76 1.11 0.00	30.96 1.54 0.00	34.78 1.67 0.00	31.78 1.59 0.00	33.60 1.27 0.00	40.07 1.12 0.00	54.67 1.43 0.00	52.24 0.82 1.99	47.49 0.70 2.94	47.56 0.86 0.00	38.45 0.37 6.41	38.97 0.65 0.20	37.06 0.91 0.00
PPL PILGRIM_ST_GT2 24217	50.83 1.20 0.00	47.94 1.55 0.00	40.75 1.27 0.00	39.95 1.28 0.00	37.65 1.06 0.00	36.75 0.81 0.00	39.70 0.81 0.00	54.38 0.91 0.03	43.22 1.24 0.00	34.61 1.34 0.00	27.54 1.33 0.00	24.76 1.11 0.00	30.96 1.54 0.00	34.78 1.67 0.00	31.78 1.59 0.00	33.60 1.27 0.00	40.07 1.12 0.00	54.67 1.43 0.00	52.24 0.82 1.99	47.49 0.70 2.94	47.56 0.86 0.00	38.45 0.37 6.41	38.97 0.65 0.20	37.06 0.91 0.00
PPL_SHRM_GT3 24213	50.06 0.43 0.00	47.39 1.00 0.00	40.09 0.61 0.00	39.48 0.81 0.00	37.17 0.57 0.00	36.27 0.33 0.00	39.59 0.70 0.00	54.26 0.80 0.04	43.12 1.14 0.00	33.98 0.71 0.00	26.97 0.76 0.00	24.22 0.57 0.00	30.57 1.15 0.00	34.33 1.22 0.00	31.44 1.26 0.00	33.31 0.98 0.00	39.81 0.87 0.00	54.30 1.06 0.00	51.15 -0.20 2.06	46.51 -0.17 3.05	46.86 0.16 0.00	37.48 -0.37 6.65	38.37 0.05 0.20	36.43 0.27 0.00
PPL_SHRM_GT4 24214	50.06 0.43 0.00	47.39 1.00 0.00	40.09 0.61 0.00	39.48 0.81 0.00	37.17 0.57 0.00	36.27 0.33 0.00	39.59 0.70 0.00	54.26 0.80 0.04	43.12 1.14 0.00	33.98 0.71 0.00	26.97 0.76 0.00	24.22 0.57 0.00	30.57 1.15 0.00	34.33 1.22 0.00	31.44 1.26 0.00	33.31 0.98 0.00	39.81 0.87 0.00	54.30 1.06 0.00	51.15 -0.20 2.06	46.51 -0.17 3.05	46.86 0.16 0.00	37.48 -0.37 6.65	38.37 0.05 0.20	36.43 0.27 0.00
PROJECT___ORANGE 1 24174	48.78 -0.85 0.00	45.56 -0.83 0.00	38.77 -0.71 0.00	38.00 -0.67 0.00	35.97 -0.63 0.00	35.35 -0.59 0.00	38.29 -0.61 0.00	52.74 -0.76 0.00	41.31 -0.66 0.00	32.69 -0.58 0.00	25.73 -0.48 0.00	23.23 -0.43 0.00	28.86 -0.57 0.00	32.46 -0.65 0.00	29.57 -0.61 0.00	31.69 -0.64 0.00	38.24 -0.70 0.00	52.36 -0.88 0.00	52.62 -0.79 0.00	48.94 -0.80 0.00	45.93 -0.77 0.00	43.80 -0.69 0.00	37.90 -0.62 0.00	35.55 -0.60 0.00
PROJECT___ORANGE 2 24166	48.78 -0.85 0.00	45.56 -0.83 0.00	38.77 -0.71 0.00	38.00 -0.67 0.00	35.97 -0.63 0.00	35.35 -0.59 0.00	38.29 -0.61 0.00	52.74 -0.76 0.00	41.31 -0.66 0.00	32.69 -0.58 0.00	25.73 -0.48 0.00	23.23 -0.43 0.00	28.86 -0.57 0.00	32.46 -0.65 0.00	29.57 -0.61 0.00	31.69 -0.64 0.00	38.24 -0.70 0.00	52.36 -0.88 0.00	52.62 -0.79 0.00	48.94 -0.80 0.00	45.93 -0.77 0.00	43.80 -0.69 0.00	37.90 -0.62 0.00	35.55 -0.60 0.00
PUCKETT___SOLAR 323809	50.73 0.84 -0.26	47.31 0.67 -0.25	40.14 0.43 -0.23	39.54 0.56 -0.31	37.42 0.52 -0.30	36.71 0.57 -0.20	39.82 0.63 -0.30	54.85 1.02 -0.32	43.17 0.68 -0.51	34.13 0.49 -0.37	26.64 0.31 -0.11	23.84 0.19 0.00	29.52 0.10 0.00	33.03 -0.12 -0.03	30.21 0.00 -0.02	32.47 -0.02 -0.16	39.41 0.25 -0.21	53.86 0.56 -0.06	54.25 0.84 0.00	50.33 0.60 0.00	47.15 0.45 0.00	44.92 0.43 0.00	38.89 0.38 0.00	36.46 0.31 0.00
PYRITES___HYD 24023	52.69 3.06 0.00	49.15 2.76 0.00	41.80 2.32 0.00	40.89 2.22 0.00	38.73 2.13 0.00	37.90 1.96 0.00	41.05 2.15 0.00	56.62 3.12 0.00	44.29 2.31 0.00	34.42 1.15 0.00	27.06 0.85 0.00	24.43 0.77 0.00	30.54 1.12 0.00	34.51 1.39 0.00	31.59 1.40 0.00	33.88 1.55 0.00	41.03 2.08 0.00	56.56 3.32 0.00	57.29 3.88 0.00	53.29 3.57 0.00	49.98 3.29 0.00	47.56 3.07 0.00	41.09 2.57 0.00	38.59 2.44 0.00
QUAKERRD_115KV_BK1 80622	48.18 -1.46 0.00	44.82 -1.56 0.00	38.07 -1.41 0.00	37.34 -1.33 0.00	35.44 -1.16 0.00	34.78 -1.16 0.00	37.68 -1.21 0.00	52.01 -1.49 0.00	40.65 -1.32 0.00	32.18 -1.09 0.00	25.40 -0.81 0.00	22.85 -0.80 0.00	28.44 -0.99 0.00	31.95 -1.17 0.00	29.13 -1.06 0.00	31.22 -1.11 0.00	37.70 -1.25 0.00	51.51 -1.73 0.00	51.92 -1.50 0.00	48.16 -1.57 0.00	45.01 -1.68 0.00	43.06 -1.43 0.00	37.35 -1.16 0.00	35.08 -1.07 0.00
QUENSBRY_115KV_TB8 356137	51.33 1.70 0.00	47.99 1.60 0.00	40.88 1.40 0.00	40.05 1.38 0.00	37.96 1.37 0.00	37.33 1.39 0.00	40.44 1.54 0.00	55.11 1.61 0.00	43.24 1.26 0.00	34.14 0.87 0.00	26.59 0.38 0.00	23.94 0.29 0.00	29.86 0.43 0.00	33.75 0.64 0.00	30.70 0.52 0.00	33.18 0.85 0.00	40.39 1.45 0.00	55.28 2.04 0.00	55.20 1.79 0.00	51.64 1.91 0.00	48.73 2.04 0.00	46.28 1.80 0.00	39.91 1.39 0.00	37.19 1.04 0.00
RAMAPO___LBMP 323565	50.92 1.29 0.00	47.65 1.26 0.00	40.40 0.92 0.00	39.53 0.86 0.00	37.38 0.79 0.00	36.93 0.98 0.00	39.89 1.00 0.00	54.94 1.44 0.00	43.32 1.34 0.00	34.63 1.36 0.00	27.32 1.11 0.00	24.72 1.06 0.00	30.70 1.28 0.00	34.50 1.39 0.00	31.44 1.26 0.00	33.53 1.21 0.00	40.02 1.08 0.00	54.43 1.19 0.00	54.50 1.09 0.00	50.76 1.03 0.00	47.54 0.85 0.00	45.18 0.69 0.00	39.20 0.69 0.00	36.84 0.68 0.00
RANKINE___ 23646	49.54 -0.09 0.00	45.85 -0.54 0.00	38.79 -0.69 0.00	38.13 -0.54 0.00	36.32 -0.28 0.00	35.54 -0.40 0.00	38.46 -0.43 0.00	53.10 -0.40 0.00	41.29 -0.69 0.00	32.82 -0.44 0.00	26.08 -0.13 0.00	23.37 -0.28 0.00	29.14 -0.29 0.00	32.63 -0.48 0.00	29.73 -0.46 0.00	31.85 -0.47 0.00	38.26 -0.69 0.00	51.65 -1.59 0.00	52.33 -1.08 0.00	48.31 -1.42 0.00	44.84 -1.85 0.00	43.31 -1.18 0.00	37.81 -0.71 0.00	35.74 -0.41 0.00
RAVENSWOOD_GT2_1 24244	51.28 1.65 0.00	47.97 1.59 0.00	40.69 1.21 0.00	39.81 1.14 0.00	37.64 1.04 0.00	37.17 1.23 0.00	40.16 1.27 0.00	55.27 1.77 0.00	43.63 1.65 0.00	34.93 1.66 0.00	27.58 1.37 0.00	24.95 1.30 0.00	31.00 1.57 0.00	34.83 1.72 0.00	31.76 1.57 0.00	33.84 1.51 0.00	40.33 1.38 0.00	54.84 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.87 1.17 0.00	45.46 0.98 0.00	39.43 0.91 0.00	37.07 0.92 0.00
RAVENSWOOD_GT2_2 24245	51.28 1.65 0.00	47.97 1.59 0.00	40.69 1.21 0.00	39.81 1.14 0.00	37.64 1.04 0.00	37.17 1.23 0.00	40.16 1.27 0.00	55.27 1.77 0.00	43.63 1.65 0.00	34.93 1.66 0.00	27.58 1.37 0.00	24.95 1.30 0.00	31.00 1.57 0.00	34.83 1.72 0.00	31.76 1.57 0.00	33.84 1.51 0.00	40.33 1.38 0.00	54.84 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.87 1.17 0.00	45.46 0.98 0.00	39.43 0.91 0.00	37.07 0.92 0.00

RAVENSWOOD_GT2_3 24246	51.31 1.68 0.00	48.00 1.62 0.00	40.70 1.23 0.00	39.84 1.17 0.00	37.66 1.07 0.00	37.18 1.24 0.00	40.18 1.28 0.00	55.30 1.80 0.00	43.65 1.67 0.00	34.95 1.68 0.00	27.59 1.38 0.00	24.96 1.31 0.00	31.01 1.59 0.00	34.84 1.72 0.00	31.78 1.59 0.00	33.85 1.52 0.00	40.34 1.40 0.00	54.86 1.62 0.00	54.97 1.56 0.00	51.18 1.45 0.00	47.89 1.19 0.00	45.48 0.99 0.00	39.45 0.93 0.00	37.09 0.94 0.00
RAVENSWOOD_GT2_4 24247	51.31 1.68 0.00	48.00 1.62 0.00	40.70 1.23 0.00	39.84 1.17 0.00	37.66 1.07 0.00	37.18 1.24 0.00	40.18 1.28 0.00	55.30 1.80 0.00	43.65 1.67 0.00	34.95 1.68 0.00	27.59 1.38 0.00	24.96 1.31 0.00	31.01 1.59 0.00	34.84 1.72 0.00	31.78 1.59 0.00	33.85 1.52 0.00	40.34 1.40 0.00	54.86 1.62 0.00	54.97 1.56 0.00	51.18 1.45 0.00	47.89 1.19 0.00	45.48 0.99 0.00	39.45 0.93 0.00	37.09 0.94 0.00
RAVENSWOOD_GT3_1 24248	51.28 1.65 0.00	47.97 1.59 0.00	40.69 1.21 0.00	39.81 1.14 0.00	37.64 1.04 0.00	37.17 1.23 0.00	40.16 1.27 0.00	55.27 1.77 0.00	43.63 1.65 0.00	34.93 1.66 0.00	27.58 1.37 0.00	24.95 1.30 0.00	31.00 1.57 0.00	34.83 1.72 0.00	31.76 1.58 0.00	33.84 1.51 0.00	40.33 1.38 0.00	54.84 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.87 1.17 0.00	45.47 0.98 0.00	39.43 0.91 0.00	37.07 0.92 0.00
RAVENSWOOD_GT3_2 24249	51.28 1.65 0.00	47.97 1.59 0.00	40.69 1.21 0.00	39.81 1.14 0.00	37.64 1.04 0.00	37.17 1.23 0.00	40.16 1.27 0.00	55.27 1.77 0.00	43.63 1.65 0.00	34.93 1.66 0.00	27.58 1.37 0.00	24.95 1.30 0.00	31.00 1.57 0.00	34.83 1.72 0.00	31.76 1.58 0.00	33.84 1.51 0.00	40.33 1.38 0.00	54.84 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.87 1.17 0.00	45.47 0.98 0.00	39.43 0.91 0.00	37.07 0.92 0.00
RAVENSWOOD_GT3_3 24250	51.36 1.73 0.00	48.04 1.66 0.00	40.74 1.27 0.00	39.87 1.20 0.00	37.69 1.09 0.00	37.21 1.27 0.00	40.22 1.32 0.00	55.34 1.85 0.00	43.69 1.71 0.00	34.98 1.71 0.00	27.62 1.41 0.00	24.99 1.34 0.00	31.04 1.61 0.00	34.87 1.76 0.00	31.81 1.62 0.00	33.88 1.56 0.00	40.39 1.45 0.00	54.92 1.68 0.00	55.04 1.62 0.00	51.24 1.51 0.00	47.94 1.24 0.00	45.54 1.05 0.00	39.48 0.97 0.00	37.13 0.97 0.00
RAVENSWOOD_GT3_4 24251	51.36 1.73 0.00	48.04 1.66 0.00	40.74 1.27 0.00	39.87 1.20 0.00	37.69 1.09 0.00	37.21 1.27 0.00	40.22 1.32 0.00	55.34 1.85 0.00	43.69 1.71 0.00	34.98 1.71 0.00	27.62 1.41 0.00	24.99 1.34 0.00	31.04 1.61 0.00	34.87 1.76 0.00	31.81 1.62 0.00	33.88 1.56 0.00	40.39 1.45 0.00	54.92 1.68 0.00	55.04 1.62 0.00	51.24 1.51 0.00	47.94 1.24 0.00	45.54 1.05 0.00	39.48 0.97 0.00	37.13 0.97 0.00
RAVENSWOOD_GT_1 23729	51.28 1.65 0.00	47.98 1.59 0.00	40.69 1.21 0.00	39.80 1.14 0.00	37.65 1.05 0.00	37.22 1.28 0.00	40.22 1.33 0.00	55.37 1.87 0.00	43.70 1.72 0.00	35.03 1.75 0.00	27.67 1.45 0.00	25.03 1.38 0.00	31.09 1.66 0.00	34.92 1.81 0.00	31.85 1.67 0.00	33.91 1.58 0.00	40.37 1.43 0.00	54.91 1.67 0.00	55.04 1.63 0.00	51.24 1.51 0.00	47.89 1.19 0.00	45.48 0.99 0.00	39.45 0.94 0.00	37.10 0.95 0.00
RAVENSWOOD_GT_10 24258	51.28 1.65 0.00	47.98 1.59 0.00	40.69 1.22 0.00	39.82 1.15 0.00	37.64 1.04 0.00	37.17 1.23 0.00	40.16 1.27 0.00	55.27 1.77 0.00	43.63 1.65 0.00	34.93 1.66 0.00	27.58 1.37 0.00	24.95 1.30 0.00	31.00 1.57 0.00	34.83 1.72 0.00	31.76 1.57 0.00	33.84 1.51 0.00	40.33 1.38 0.00	54.84 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.87 1.17 0.00	45.47 0.99 0.00	39.43 0.91 0.00	37.07 0.92 0.00
RAVENSWOOD_GT_11 24259	51.28 1.65 0.00	47.98 1.59 0.00	40.69 1.22 0.00	39.82 1.15 0.00	37.64 1.04 0.00	37.17 1.23 0.00	40.16 1.27 0.00	55.27 1.77 0.00	43.63 1.65 0.00	34.93 1.66 0.00	27.58 1.37 0.00	24.95 1.30 0.00	31.00 1.57 0.00	34.83 1.72 0.00	31.76 1.57 0.00	33.84 1.51 0.00	40.33 1.38 0.00	54.84 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.87 1.17 0.00	45.47 0.99 0.00	39.43 0.91 0.00	37.07 0.92 0.00
RAVENSWOOD_GT_4 24252	51.27 1.64 0.00	47.97 1.58 0.00	40.67 1.19 0.00	39.80 1.13 0.00	37.63 1.03 0.00	37.17 1.23 0.00	40.17 1.27 0.00	55.28 1.78 0.00	43.64 1.66 0.00	34.94 1.68 0.00	27.60 1.39 0.00	24.97 1.32 0.00	31.01 1.59 0.00	34.84 1.72 0.00	31.78 1.59 0.00	33.85 1.52 0.00	40.32 1.38 0.00	54.83 1.59 0.00	54.95 1.54 0.00	51.15 1.42 0.00	47.86 1.16 0.00	45.46 0.97 0.00	39.43 0.91 0.00	37.07 0.92 0.00
RAVENSWOOD_GT_5 24254	51.27 1.64 0.00	47.97 1.58 0.00	40.67 1.19 0.00	39.80 1.13 0.00	37.63 1.03 0.00	37.17 1.23 0.00	40.17 1.27 0.00	55.28 1.78 0.00	43.64 1.66 0.00	34.94 1.68 0.00	27.60 1.39 0.00	24.97 1.32 0.00	31.01 1.59 0.00	34.84 1.72 0.00	31.78 1.59 0.00	33.85 1.52 0.00	40.32 1.38 0.00	54.83 1.59 0.00	54.95 1.54 0.00	51.15 1.42 0.00	47.86 1.16 0.00	45.46 0.97 0.00	39.43 0.91 0.00	37.07 0.92 0.00
RAVENSWOOD_GT_6 24253	51.27 1.64 0.00	47.97 1.58 0.00	40.67 1.19 0.00	39.80 1.13 0.00	37.63 1.03 0.00	37.17 1.23 0.00	40.17 1.27 0.00	55.28 1.78 0.00	43.64 1.66 0.00	34.94 1.68 0.00	27.60 1.39 0.00	24.97 1.32 0.00	31.01 1.59 0.00	34.84 1.72 0.00	31.78 1.59 0.00	33.85 1.52 0.00	40.32 1.38 0.00	54.83 1.59 0.00	54.95 1.54 0.00	51.15 1.42 0.00	47.86 1.16 0.00	45.46 0.97 0.00	39.43 0.91 0.00	37.07 0.92 0.00
RAVENSWOOD_GT_7 24255	51.27 1.64 0.00	47.97 1.58 0.00	40.67 1.19 0.00	39.80 1.13 0.00	37.63 1.03 0.00	37.17 1.23 0.00	40.17 1.27 0.00	55.28 1.78 0.00	43.64 1.66 0.00	34.94 1.68 0.00	27.60 1.39 0.00	24.97 1.32 0.00	31.01 1.59 0.00	34.84 1.72 0.00	31.78 1.59 0.00	33.85 1.52 0.00	40.32 1.38 0.00	54.83 1.59 0.00	54.95 1.54 0.00	51.15 1.42 0.00	47.86 1.16 0.00	45.46 0.97 0.00	39.43 0.91 0.00	37.07 0.92 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.28 1.65 0.00	47.98 1.59 0.00	40.69 1.22 0.00	39.82 1.15 0.00	37.64 1.04 0.00	37.17 1.23 0.00	40.16 1.27 0.00	55.27 1.77 0.00	43.63 1.65 0.00	34.93 1.66 0.00	27.58 1.37 0.00	24.95 1.30 0.00	31.00 1.57 0.00	34.83 1.72 0.00	31.76 1.57 0.00	33.84 1.51 0.00	40.33 1.38 0.00	54.84 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.87 1.17 0.00	45.47 0.99 0.00	39.43 0.91 0.00	37.07 0.92 0.00
RAVENSWOOD_GT_9 24257	51.28 1.65 0.00	47.98 1.59 0.00	40.69 1.22 0.00	39.82 1.15 0.00	37.64 1.04 0.00	37.17 1.23 0.00	40.16 1.27 0.00	55.27 1.77 0.00	43.63 1.65 0.00	34.93 1.66 0.00	27.58 1.37 0.00	24.95 1.30 0.00	31.00 1.57 0.00	34.83 1.72 0.00	31.76 1.57 0.00	33.84 1.51 0.00	40.33 1.38 0.00	54.84 1.59 0.00	54.94 1.52 0.00	51.15 1.42 0.00	47.87 1.17 0.00	45.47 0.99 0.00	39.43 0.91 0.00	37.07 0.92 0.00

RAVENSWOOD___1 23533	51.23 1.59 0.00	47.92 1.54 0.00	40.65 1.17 0.00	39.76 1.09 0.00	37.59 0.99 0.00	37.18 1.24 0.00	40.18 1.28 0.00	55.30 1.80 0.00	43.63 1.65 0.00	34.98 1.71 0.00	27.63 1.42 0.00	25.01 1.35 0.00	31.05 1.62 0.00	34.87 1.76 0.00	31.80 1.62 0.00	33.86 1.54 0.00	40.32 1.38 0.00	54.84 1.60 0.00	54.99 1.58 0.00	51.18 1.45 0.00	47.87 1.17 0.00	45.47 0.98 0.00	39.43 0.91 0.00	37.09 0.94 0.00
RAVENSWOOD___2 23534	51.23 1.59 0.00	47.92 1.54 0.00	40.65 1.17 0.00	39.76 1.09 0.00	37.59 0.99 0.00	37.18 1.24 0.00	40.18 1.28 0.00	55.30 1.80 0.00	43.63 1.65 0.00	34.98 1.71 0.00	27.63 1.42 0.00	25.01 1.35 0.00	31.05 1.62 0.00	34.87 1.76 0.00	31.80 1.62 0.00	33.86 1.54 0.00	40.32 1.38 0.00	54.84 1.60 0.00	54.99 1.58 0.00	51.18 1.45 0.00	47.84 1.14 0.00	45.45 0.97 0.00	39.42 0.90 0.00	37.08 0.93 0.00
RAVENSWOOD___3 23535	51.28 1.65 0.00	47.97 1.59 0.00	40.70 1.21 0.00	39.82 1.15 0.00	37.62 1.03 0.00	37.17 1.22 0.00	40.16 1.27 0.00	55.27 1.77 0.00	43.62 1.64 0.00	34.93 1.66 0.00	27.58 1.37 0.00	24.96 1.30 0.00	31.00 1.58 0.00	34.83 1.72 0.00	31.76 1.57 0.00	33.84 1.51 0.00	40.32 1.38 0.00	54.83 1.59 0.00	54.94 1.53 0.00	51.16 1.43 0.00	47.87 1.18 0.00	45.47 0.98 0.00	39.43 0.91 0.00	37.07 0.92 0.00
RAVENSWOOD___4 23820	51.23 1.59 0.00	47.92 1.54 0.00	40.65 1.17 0.00	39.76 1.09 0.00	37.59 0.99 0.00	37.18 1.24 0.00	40.18 1.28 0.00	55.30 1.80 0.00	43.63 1.65 0.00	34.98 1.71 0.00	27.63 1.42 0.00	25.01 1.35 0.00	31.05 1.62 0.00	34.87 1.76 0.00	31.80 1.62 0.00	33.86 1.54 0.00	40.32 1.38 0.00	54.84 1.60 0.00	54.99 1.58 0.00	51.18 1.45 0.00	47.84 1.14 0.00	45.45 0.97 0.00	39.42 0.90 0.00	37.08 0.93 0.00
RCPL_TRUST___DRP 24196	51.33 1.69 0.00	48.01 1.63 0.00	40.72 1.25 0.00	39.84 1.17 0.00	37.66 1.07 0.00	37.18 1.23 0.00	40.18 1.28 0.00	55.29 1.79 0.00	43.64 1.67 0.00	34.93 1.66 0.00	27.57 1.35 0.00	24.96 1.30 0.00	31.00 1.58 0.00	34.83 1.72 0.00	31.76 1.58 0.00	33.83 1.50 0.00	40.32 1.37 0.00	54.82 1.58 0.00	54.92 1.50 0.00	51.14 1.41 0.00	47.84 1.15 0.00	45.44 0.95 0.00	39.41 0.89 0.00	37.06 0.90 0.00
RED___ROCHESTER 323720	49.27 0.02 0.37	45.78 -0.25 0.36	38.80 -0.35 0.33	37.96 -0.27 0.44	36.05 -0.12 0.43	35.47 -0.18 0.29	38.34 -0.13 0.42	53.07 0.03 0.46	41.09 -0.16 0.72	32.57 -0.18 0.52	25.98 -0.07 0.16	23.51 -0.15 0.00	29.29 -0.14 0.00	32.82 -0.25 0.05	29.94 -0.21 0.03	31.90 -0.20 0.23	38.48 -0.15 0.30	52.89 -0.27 0.08	53.48 0.07 0.00	49.60 -0.13 0.00	46.28 -0.42 0.00	44.35 -0.14 0.00	38.47 -0.05 0.00	36.14 -0.01 0.00
REGAN___SOLAR 323812	51.46 1.83 0.00	48.06 1.67 0.00	40.91 1.43 0.00	40.07 1.40 0.00	37.91 1.32 0.00	37.29 1.35 0.00	40.37 1.48 0.00	55.65 2.15 0.00	43.30 1.32 0.00	33.34 0.07 0.00	25.95 -0.26 0.00	23.30 -0.35 0.00	29.05 -0.38 0.00	32.85 -0.26 0.00	29.89 -0.30 0.00	32.25 -0.07 0.00	39.59 0.64 0.00	54.98 1.74 0.00	55.65 2.23 0.00	51.89 2.16 0.00	48.70 2.00 0.00	46.33 1.84 0.00	40.00 1.49 0.00	37.46 1.31 0.00
RENSSELAER___COGEN 23796	49.43 -0.20 0.00	46.23 -0.16 0.00	39.38 -0.10 0.00	38.56 -0.12 0.00	36.48 -0.11 0.00	35.93 -0.01 0.00	38.85 -0.04 0.00	53.17 -0.34 0.00	41.79 -0.19 0.00	33.23 -0.03 0.00	26.14 -0.07 0.00	23.58 -0.07 0.00	29.34 -0.09 0.00	33.07 -0.04 0.00	30.17 -0.02 0.00	32.31 -0.02 0.00	38.82 -0.13 0.00	53.02 -0.22 0.00	52.99 -0.42 0.00	49.49 -0.24 0.00	46.59 -0.11 0.00	44.36 -0.12 0.00	38.35 -0.17 0.00	35.93 -0.22 0.00
REPUBLIC_115KV_BARTNBK 55605	54.13 4.50 0.00	50.72 4.33 0.00	42.91 3.43 0.00	42.00 3.33 0.00	39.83 3.24 0.00	39.40 3.46 0.00	42.88 3.99 0.00	58.14 4.64 0.00	45.65 3.67 0.00	35.96 2.69 0.00	27.70 1.50 0.00	24.81 1.16 0.00	31.03 1.60 0.00	35.22 2.11 0.00	32.07 1.89 0.00	35.06 2.73 0.00	42.86 3.92 0.00	58.32 5.08 0.00	58.11 4.70 0.00	54.82 5.08 0.00	51.96 5.26 0.00	49.08 4.59 0.00	42.09 3.58 0.00	39.05 2.90 0.00
REVERE_CPPR_DRP 24186	51.38 1.75 0.00	47.94 1.56 0.00	40.81 1.33 0.00	40.09 1.42 0.00	37.95 1.35 0.00	37.32 1.38 0.00	40.44 1.54 0.00	55.73 2.23 0.00	43.63 1.65 0.00	34.20 0.94 0.00	26.73 0.52 0.00	24.04 0.39 0.00	29.87 0.45 0.00	33.67 0.56 0.00	30.75 0.57 0.00	32.94 0.62 0.00	39.90 0.95 0.00	55.11 1.87 0.00	55.54 2.12 0.00	51.64 1.91 0.00	48.54 1.85 0.00	46.29 1.80 0.00	40.00 1.49 0.00	37.44 1.29 0.00
REYNLDPA_13_KV_LD 356490	50.93 1.30 0.00	47.57 1.18 0.00	40.47 0.99 0.00	39.60 0.93 0.00	37.53 0.94 0.00	36.71 0.77 0.00	39.70 0.81 0.00	54.72 1.22 0.00	42.93 0.94 0.00	33.93 0.66 0.00	26.83 0.62 0.00	24.21 0.56 0.00	30.20 0.77 0.00	33.98 0.87 0.00	31.00 0.81 0.00	33.21 0.88 0.00	40.02 1.09 0.00	54.78 1.54 0.00	55.08 1.67 0.00	51.22 1.49 0.00	48.00 1.30 0.00	45.65 1.16 0.00	39.56 1.04 0.00	37.19 1.04 0.00
REYNOLDS_115KV_TB3 80639	49.82 0.19 0.00	46.59 0.20 0.00	39.69 0.21 0.00	38.86 0.19 0.00	36.79 0.19 0.00	36.23 0.29 0.00	39.18 0.29 0.00	53.56 0.06 0.00	42.10 0.12 0.00	33.50 0.23 0.00	26.34 0.12 0.00	23.75 0.10 0.00	29.55 0.12 0.00	33.32 0.21 0.00	30.37 0.19 0.00	32.56 0.23 0.00	39.13 0.19 0.00	53.43 0.19 0.00	53.35 -0.06 0.00	49.86 0.13 0.00	46.97 0.27 0.00	44.74 0.25 0.00	38.67 0.15 0.00	36.21 0.06 0.00
RIVERBAY____ 323610	43.10 2.21 8.74	37.01 2.12 11.50	36.88 1.69 4.29	36.74 1.61 3.55	37.30 1.57 0.86	37.81 1.87 0.00	40.86 1.97 0.00	56.29 2.79 0.00	44.47 2.49 0.00	35.64 2.37 0.00	28.10 1.89 0.00	25.38 1.73 0.00	31.52 2.10 0.00	35.41 2.30 0.00	32.29 2.10 0.00	34.39 2.06 0.00	41.00 2.06 0.00	55.68 2.44 0.00	55.99 2.57 0.00	52.08 2.35 0.00	48.73 2.04 0.00	46.29 1.80 0.00	40.14 1.63 0.00	37.73 1.58 0.00
RIVERSDE_115KV_TB3 55908	49.50 -0.13 0.00	46.29 -0.10 0.00	39.44 -0.04 0.00	38.61 -0.07 0.00	36.54 -0.06 0.00	35.99 0.05 0.00	38.91 0.02 0.00	53.22 -0.28 0.00	41.85 -0.13 0.00	33.27 0.00 0.00	26.18 -0.03 0.00	23.60 -0.05 0.00	29.38 -0.05 0.00	33.11 0.00 0.00	30.21 0.03 0.00	32.36 0.03 0.00	38.87 -0.07 0.00	53.11 -0.13 0.00	53.05 -0.37 0.00	49.55 -0.18 0.00	46.66 -0.04 0.00	44.43 -0.06 0.00	38.41 -0.11 0.00	35.98 -0.17 0.00
ROARING___BROOK_WT_PWR 323790	49.85 0.22 0.00	46.57 0.19 0.00	39.65 0.17 0.00	38.83 0.16 0.00	36.76 0.17 0.00	36.07 0.12 0.00	39.02 0.12 0.00	53.69 0.19 0.00	42.13 0.15 0.00	33.37 0.10 0.00	26.31 0.10 0.00	23.74 0.09 0.00	29.54 0.12 0.00	33.25 0.13 0.00	30.32 0.13 0.00	32.46 0.13 0.00	39.11 0.16 0.00	53.49 0.24 0.00	53.64 0.23 0.00	49.89 0.16 0.00	46.86 0.16 0.00	44.62 0.13 0.00	38.63 0.12 0.00	36.29 0.14 0.00

ROCHESRG_115KV_T4 355643	49.21 -0.42 0.00	45.74 -0.65 0.00	38.82 -0.66 0.00	38.09 -0.58 0.00	36.17 -0.43 0.00	35.47 -0.47 0.00	38.43 -0.46 0.00	53.05 -0.45 0.00	41.43 -0.55 0.00	32.80 -0.47 0.00	25.91 -0.30 0.00	23.30 -0.35 0.00	29.03 -0.40 0.00	32.58 -0.54 0.00	29.71 -0.47 0.00	31.83 -0.49 0.00	38.40 -0.54 0.00	52.37 -0.87 0.00	52.87 -0.54 0.00	49.02 -0.71 0.00	45.75 -0.94 0.00	43.84 -0.64 0.00	38.07 -0.44 0.00	35.80 -0.35 0.00
ROCHESTER_9_IC 23652	49.45 -0.18 0.00	45.97 -0.42 0.00	38.99 -0.49 0.00	38.26 -0.41 0.00	36.33 -0.26 0.00	35.64 -0.30 0.00	38.62 -0.28 0.00	53.32 -0.18 0.00	41.64 -0.34 0.00	32.96 -0.31 0.00	26.04 -0.17 0.00	23.41 -0.24 0.00	29.16 -0.26 0.00	32.73 -0.38 0.00	29.85 -0.34 0.00	31.99 -0.34 0.00	38.61 -0.33 0.00	52.70 -0.55 0.00	53.21 -0.20 0.00	49.33 -0.40 0.00	46.03 -0.67 0.00	44.11 -0.38 0.00	38.28 -0.23 0.00	35.98 -0.17 0.00
ROCKVIEW_13_KV_LD 356306	51.31 1.68 0.00	48.00 1.62 0.00	40.74 1.27 0.00	39.88 1.21 0.00	37.69 1.09 0.00	37.16 1.22 0.00	40.17 1.27 0.00	55.26 1.76 0.00	43.62 1.64 0.00	34.90 1.63 0.00	27.54 1.33 0.00	24.90 1.25 0.00	30.95 1.52 0.00	34.77 1.66 0.00	31.71 1.53 0.00	33.80 1.48 0.00	40.31 1.37 0.00	54.83 1.59 0.00	54.94 1.53 0.00	51.16 1.43 0.00	47.91 1.21 0.00	45.53 1.04 0.00	39.47 0.96 0.00	37.08 0.93 0.00
ROME____115KV_TB2 80656	51.38 1.75 0.00	47.94 1.56 0.00	40.81 1.33 0.00	40.09 1.42 0.00	37.95 1.35 0.00	37.32 1.38 0.00	40.44 1.54 0.00	55.73 2.23 0.00	43.63 1.65 0.00	34.20 0.94 0.00	26.73 0.52 0.00	24.04 0.39 0.00	29.87 0.45 0.00	33.67 0.56 0.00	30.75 0.57 0.00	32.94 0.62 0.00	39.90 0.95 0.00	55.11 1.87 0.00	55.54 2.12 0.00	51.64 1.91 0.00	48.54 1.85 0.00	46.29 1.80 0.00	40.00 1.49 0.00	37.44 1.29 0.00
ROSETON___1 23587	50.79 1.16 0.00	47.53 1.15 0.00	40.36 0.88 0.00	39.50 0.83 0.00	37.32 0.73 0.00	36.81 0.87 0.00	39.78 0.89 0.00	54.66 1.16 0.00	43.12 1.14 0.00	34.46 1.19 0.00	27.18 0.96 0.00	24.57 0.91 0.00	30.53 1.10 0.00	34.32 1.21 0.00	31.28 1.10 0.00	33.38 1.05 0.00	39.87 0.93 0.00	54.23 0.99 0.00	54.29 0.88 0.00	50.57 0.84 0.00	47.41 0.71 0.00	45.08 0.60 0.00	39.13 0.61 0.00	36.75 0.60 0.00
ROSETON___2 23588	50.79 1.16 0.00	47.53 1.15 0.00	40.36 0.88 0.00	39.50 0.83 0.00	37.32 0.73 0.00	36.81 0.87 0.00	39.78 0.89 0.00	54.66 1.16 0.00	43.12 1.14 0.00	34.46 1.19 0.00	27.18 0.96 0.00	24.57 0.91 0.00	30.53 1.10 0.00	34.32 1.21 0.00	31.28 1.10 0.00	33.38 1.05 0.00	39.87 0.93 0.00	54.23 0.99 0.00	54.29 0.88 0.00	50.57 0.84 0.00	47.41 0.71 0.00	45.08 0.60 0.00	39.13 0.61 0.00	36.75 0.60 0.00
ROTRRDAM_115KV_TB3 80664	50.49 0.86 0.00	47.23 0.85 0.00	40.22 0.74 0.00	39.38 0.71 0.00	37.26 0.66 0.00	36.65 0.71 0.00	39.64 0.75 0.00	54.37 0.87 0.00	42.66 0.68 0.00	33.81 0.54 0.00	26.55 0.34 0.00	23.93 0.28 0.00	29.78 0.35 0.00	33.57 0.46 0.00	30.58 0.39 0.00	32.80 0.47 0.00	39.57 0.62 0.00	54.14 0.89 0.00	54.21 0.80 0.00	50.57 0.84 0.00	47.56 0.86 0.00	45.28 0.79 0.00	39.16 0.65 0.00	36.69 0.54 0.00
RUSSELL___1 23602	49.64 0.01 0.00	46.13 -0.26 0.00	39.13 -0.35 0.00	38.39 -0.28 0.00	36.45 -0.14 0.00	35.76 -0.18 0.00	38.76 -0.13 0.00	53.52 0.03 0.00	41.80 -0.18 0.00	33.08 -0.19 0.00	26.14 -0.07 0.00	23.51 -0.15 0.00	29.29 -0.14 0.00	32.86 -0.25 0.00	29.97 -0.22 0.00	32.12 -0.21 0.00	38.80 -0.14 0.00	52.97 -0.27 0.00	53.49 0.07 0.00	49.60 -0.13 0.00	46.28 -0.42 0.00	44.34 -0.15 0.00	38.47 -0.05 0.00	36.14 -0.01 0.00
RUSSELL___2 23532	49.64 0.01 0.00	46.13 -0.26 0.00	39.13 -0.35 0.00	38.39 -0.28 0.00	36.45 -0.14 0.00	35.76 -0.18 0.00	38.76 -0.13 0.00	53.52 0.03 0.00	41.80 -0.18 0.00	33.08 -0.19 0.00	26.14 -0.07 0.00	23.51 -0.15 0.00	29.29 -0.14 0.00	32.86 -0.25 0.00	29.97 -0.22 0.00	32.12 -0.21 0.00	38.80 -0.14 0.00	52.97 -0.27 0.00	53.49 0.07 0.00	49.60 -0.13 0.00	46.28 -0.42 0.00	44.34 -0.15 0.00	38.47 -0.05 0.00	36.14 -0.01 0.00
RUSSELL___3 23549	49.64 0.01 0.00	46.13 -0.26 0.00	39.13 -0.35 0.00	38.39 -0.28 0.00	36.45 -0.14 0.00	35.76 -0.18 0.00	38.76 -0.13 0.00	53.52 0.03 0.00	41.80 -0.18 0.00	33.08 -0.19 0.00	26.14 -0.07 0.00	23.51 -0.15 0.00	29.29 -0.14 0.00	32.86 -0.25 0.00	29.97 -0.22 0.00	32.12 -0.21 0.00	38.80 -0.14 0.00	52.97 -0.27 0.00	53.49 0.07 0.00	49.60 -0.13 0.00	46.28 -0.42 0.00	44.34 -0.15 0.00	38.47 -0.05 0.00	36.14 -0.01 0.00
RUSSELL___4 23556	49.64 0.01 0.00	46.13 -0.26 0.00	39.13 -0.35 0.00	38.39 -0.28 0.00	36.45 -0.14 0.00	35.76 -0.18 0.00	38.76 -0.13 0.00	53.52 0.03 0.00	41.80 -0.18 0.00	33.08 -0.19 0.00	26.14 -0.07 0.00	23.51 -0.15 0.00	29.29 -0.14 0.00	32.86 -0.25 0.00	29.97 -0.22 0.00	32.12 -0.21 0.00	38.80 -0.14 0.00	52.97 -0.27 0.00	53.49 0.07 0.00	49.60 -0.13 0.00	46.28 -0.42 0.00	44.34 -0.15 0.00	38.47 -0.05 0.00	36.14 -0.01 0.00
RUSSELL___STATION 23914	49.64 0.01 0.00	46.13 -0.26 0.00	39.13 -0.35 0.00	38.39 -0.28 0.00	36.45 -0.14 0.00	35.76 -0.18 0.00	38.76 -0.13 0.00	53.52 0.03 0.00	41.80 -0.18 0.00	33.08 -0.19 0.00	26.14 -0.07 0.00	23.51 -0.15 0.00	29.29 -0.14 0.00	32.86 -0.25 0.00	29.97 -0.22 0.00	32.12 -0.21 0.00	38.80 -0.14 0.00	52.97 -0.27 0.00	53.49 0.07 0.00	49.60 -0.13 0.00	46.28 -0.42 0.00	44.34 -0.15 0.00	38.47 -0.05 0.00	36.14 -0.01 0.00
S SALMON___HYD 24043	49.58 -0.05 0.00	46.29 -0.09 0.00	39.36 -0.12 0.00	38.58 -0.09 0.00	36.52 -0.08 0.00	35.90 -0.04 0.00	38.92 0.02 0.00	53.54 0.04 0.00	41.93 -0.05 0.00	32.97 -0.31 0.00	25.74 -0.47 0.00	23.22 -0.43 0.00	28.91 -0.51 0.00	32.52 -0.59 0.00	29.62 -0.57 0.00	31.80 -0.53 0.00	38.48 -0.46 0.00	52.95 -0.29 0.00	53.39 -0.02 0.00	49.69 -0.04 0.00	46.79 0.09 0.00	44.71 0.23 0.00	38.62 0.10 0.00	36.18 0.03 0.00
S.PERRY__115KV_TB1 80734	51.17 1.54 0.00	47.51 1.12 0.00	40.28 0.79 0.00	39.54 0.87 0.00	37.56 0.97 0.00	36.87 0.93 0.00	40.05 1.16 0.00	55.39 1.89 0.00	43.11 1.13 0.00	33.70 0.43 0.00	26.37 0.16 0.00	23.70 0.05 0.00	29.59 0.16 0.00	33.04 -0.07 0.00	30.03 -0.15 0.00	32.15 -0.17 0.00	38.91 -0.04 0.00	53.55 0.31 0.00	55.08 1.66 0.00	51.12 1.39 0.00	47.56 0.86 0.00	45.58 1.10 0.00	39.49 0.98 0.00	37.10 0.95 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.21 -0.42 0.00	45.52 -0.86 0.00	38.52 -0.96 0.00	37.86 -0.81 0.00	36.07 -0.53 0.00	35.29 -0.65 0.00	38.18 -0.72 0.00	52.68 -0.82 0.00	40.98 -0.99 0.00	32.62 -0.65 0.00	25.94 -0.27 0.00	23.24 -0.41 0.00	29.00 -0.43 0.00	32.48 -0.63 0.00	29.61 -0.57 0.00	31.72 -0.60 0.00	38.06 -0.88 0.00	51.29 -1.95 0.00	51.94 -1.48 0.00	47.93 -1.80 0.00	44.48 -2.21 0.00	43.00 -1.48 0.00	37.62 -0.90 0.00	35.55 -0.60 0.00

SAWYER___23_KV_LOAD 55526	49.21 -0.42 0.00	45.52 -0.86 0.00	38.52 -0.96 0.00	37.86 -0.81 0.00	36.07 -0.53 0.00	35.29 -0.65 0.00	38.18 -0.72 0.00	52.68 -0.82 0.00	40.98 -0.99 0.00	32.62 -0.65 0.00	25.94 -0.27 0.00	23.24 -0.41 0.00	29.00 -0.43 0.00	32.48 -0.63 0.00	29.61 -0.57 0.00	31.72 -0.60 0.00	38.06 -0.88 0.00	51.29 -1.95 0.00	51.94 -1.48 0.00	47.93 -1.80 0.00	44.48 -2.21 0.00	43.00 -1.48 0.00	37.62 -0.90 0.00	35.55 -0.60 0.00
SELKIRK___I 23801	50.04 0.41 0.00	46.81 0.43 0.00	39.89 0.41 0.00	39.07 0.40 0.00	36.95 0.36 0.00	36.37 0.43 0.00	39.32 0.42 0.00	53.86 0.36 0.00	42.25 0.27 0.00	33.47 0.20 0.00	26.31 0.10 0.00	23.73 0.08 0.00	29.53 0.11 0.00	33.29 0.18 0.00	30.34 0.16 0.00	32.52 0.19 0.00	39.19 0.25 0.00	53.60 0.36 0.00	53.62 0.21 0.00	50.03 0.30 0.00	47.09 0.40 0.00	44.84 0.36 0.00	38.80 0.28 0.00	36.37 0.22 0.00
SELKIRK___II 23799	49.76 0.13 0.00	46.55 0.17 0.00	39.65 0.17 0.00	38.83 0.16 0.00	36.72 0.12 0.00	36.16 0.21 0.00	39.08 0.18 0.00	53.54 0.04 0.00	42.08 0.10 0.00	33.45 0.17 0.00	26.32 0.11 0.00	23.74 0.09 0.00	29.54 0.11 0.00	33.28 0.16 0.00	30.34 0.16 0.00	32.50 0.17 0.00	39.03 0.09 0.00	53.31 0.07 0.00	53.31 -0.10 0.00	49.76 0.03 0.00	46.82 0.12 0.00	44.58 0.10 0.00	38.57 0.05 0.00	36.16 0.01 0.00
SENECA OSWGO___HYD 24041	48.46 -1.17 0.00	45.27 -1.11 0.00	38.51 -0.97 0.00	37.74 -0.94 0.00	35.73 -0.87 0.00	35.11 -0.83 0.00	38.03 -0.86 0.00	52.35 -1.15 0.00	41.05 -0.93 0.00	32.48 -0.79 0.00	25.54 -0.67 0.00	23.06 -0.59 0.00	28.67 -0.75 0.00	32.19 -0.92 0.00	29.33 -0.85 0.00	31.46 -0.87 0.00	37.93 -1.01 0.00	52.00 -1.24 0.00	52.26 -1.15 0.00	48.63 -1.10 0.00	45.67 -1.03 0.00	43.53 -0.96 0.00	37.66 -0.85 0.00	35.33 -0.82 0.00
SENECA___115KV_TB3 355854	48.64 0.00 1.00	44.97 -0.46 0.95	37.99 -0.62 0.87	37.03 -0.47 1.17	35.26 -0.19 1.14	34.82 -0.35 0.77	37.41 -0.37 1.12	51.96 -0.31 1.23	39.46 -0.60 1.92	31.49 -0.39 1.38	25.68 -0.10 0.43	23.41 -0.25 0.00	29.18 -0.24 0.00	32.55 -0.44 0.12	29.70 -0.40 0.08	31.28 -0.43 0.61	37.51 -0.62 0.81	51.52 -1.50 0.22	52.41 -1.00 0.00	48.40 -1.33 0.00	44.91 -1.79 0.00	43.37 -1.12 0.00	37.87 -0.64 0.00	35.79 -0.36 0.00
SENECA___ENERGY 23797	49.35 -0.28 0.00	46.04 -0.35 0.00	39.15 -0.33 0.00	38.41 -0.26 0.00	36.38 -0.22 0.00	35.76 -0.18 0.00	38.74 -0.15 0.00	53.42 -0.08 0.00	41.79 -0.19 0.00	32.96 -0.31 0.00	25.90 -0.31 0.00	23.34 -0.31 0.00	29.04 -0.39 0.00	32.57 -0.55 0.00	29.66 -0.53 0.00	31.66 -0.67 0.00	38.28 -0.66 0.00	52.62 -0.62 0.00	53.20 -0.22 0.00	49.42 -0.31 0.00	46.31 -0.38 0.00	44.21 -0.28 0.00	38.29 -0.23 0.00	35.94 -0.21 0.00
SHOEMAKER___GT 23640	50.96 1.33 0.00	47.66 1.28 0.00	40.46 0.98 0.00	39.61 0.94 0.00	37.43 0.83 0.00	36.92 0.98 0.00	39.90 1.01 0.00	54.91 1.41 0.00	43.26 1.28 0.00	34.49 1.23 0.00	27.13 0.91 0.00	24.52 0.87 0.00	30.46 1.04 0.00	34.24 1.13 0.00	31.20 1.01 0.00	33.32 0.99 0.00	39.87 0.93 0.00	54.40 1.16 0.00	54.55 1.14 0.00	50.81 1.08 0.00	47.64 0.94 0.00	45.30 0.81 0.00	39.30 0.78 0.00	36.89 0.74 0.00
SHOEMAKR_138KV_BK 111 55601	50.92 1.29 0.00	47.63 1.25 0.00	40.44 0.96 0.00	39.58 0.91 0.00	37.41 0.81 0.00	36.91 0.96 0.00	39.88 0.99 0.00	54.89 1.39 0.00	43.24 1.26 0.00	34.49 1.22 0.00	27.15 0.93 0.00	24.54 0.89 0.00	30.49 1.06 0.00	34.27 1.15 0.00	31.22 1.04 0.00	33.33 1.01 0.00	39.88 0.94 0.00	54.38 1.14 0.00	54.51 1.10 0.00	50.78 1.05 0.00	47.59 0.90 0.00	45.27 0.78 0.00	39.26 0.75 0.00	36.86 0.71 0.00
SHOREHAM_IC_1 23715	50.06 0.43 0.00	47.39 1.00 0.00	40.09 0.61 0.00	39.48 0.81 0.00	37.17 0.57 0.00	36.27 0.33 0.00	39.59 0.70 0.00	54.26 0.80 0.04	43.12 1.14 0.00	33.98 0.71 0.00	26.97 0.76 0.00	24.22 0.57 0.00	30.57 1.15 0.00	34.33 1.22 0.00	31.44 1.26 0.00	33.31 0.98 0.00	39.81 0.87 0.00	54.30 1.06 0.00	51.15 -0.20 2.06	46.51 -0.17 3.05	46.86 0.16 0.00	37.48 -0.37 6.65	38.37 0.05 0.20	36.43 0.27 0.00
SHOREHAM_IC_2 23716	50.06 0.43 0.00	47.39 1.01 0.00	40.09 0.61 0.00	39.49 0.81 0.00	37.19 0.59 0.00	36.27 0.33 0.00	39.60 0.70 0.00	54.27 0.80 0.04	43.14 1.16 0.00	33.99 0.72 0.00	26.97 0.76 0.00	24.22 0.57 0.00	30.57 1.15 0.00	34.34 1.22 0.00	31.44 1.26 0.00	33.31 0.98 0.00	39.82 0.88 0.00	54.31 1.06 0.00	51.15 -0.20 2.06	46.52 -0.17 3.05	46.86 0.16 0.00	37.48 -0.37 6.65	38.37 0.05 0.20	36.43 0.27 0.00
SISSONVILLE____ 23735	52.06 2.43 0.00	48.56 2.18 0.00	41.30 1.82 0.00	40.43 1.76 0.00	38.31 1.71 0.00	37.48 1.54 0.00	40.57 1.67 0.00	55.90 2.40 0.00	43.81 1.83 0.00	34.29 1.02 0.00	26.97 0.76 0.00	24.34 0.68 0.00	30.44 1.01 0.00	34.30 1.19 0.00	31.34 1.16 0.00	33.60 1.27 0.00	40.58 1.64 0.00	55.83 2.59 0.00	56.37 2.96 0.00	52.43 2.70 0.00	49.20 2.50 0.00	46.87 2.39 0.00	40.53 2.01 0.00	38.08 1.93 0.00
SITHE_IND_GS1 24169	47.91 -1.72 0.00	44.77 -1.62 0.00	38.10 -1.38 0.00	37.34 -1.33 0.00	35.35 -1.25 0.00	34.73 -1.21 0.00	37.60 -1.30 0.00	51.75 -1.75 0.00	40.57 -1.41 0.00	32.12 -1.15 0.00	25.29 -0.92 0.00	22.83 -0.82 0.00	28.36 -1.06 0.00	31.90 -1.21 0.00	29.08 -1.11 0.00	31.14 -1.18 0.00	37.56 -1.38 0.00	51.39 -1.86 0.00	51.60 -1.82 0.00	47.99 -1.74 0.00	45.08 -1.62 0.00	42.99 -1.50 0.00	37.21 -1.31 0.00	34.92 -1.23 0.00
SITHE_IND_GS2 24170	47.91 -1.72 0.00	44.77 -1.62 0.00	38.10 -1.38 0.00	37.34 -1.33 0.00	35.35 -1.25 0.00	34.73 -1.21 0.00	37.60 -1.30 0.00	51.75 -1.75 0.00	40.57 -1.41 0.00	32.12 -1.15 0.00	25.29 -0.92 0.00	22.83 -0.82 0.00	28.36 -1.06 0.00	31.90 -1.21 0.00	29.08 -1.11 0.00	31.14 -1.18 0.00	37.56 -1.38 0.00	51.39 -1.86 0.00	51.60 -1.82 0.00	47.99 -1.74 0.00	45.08 -1.62 0.00	42.99 -1.50 0.00	37.21 -1.31 0.00	34.92 -1.23 0.00
SITHE_IND_GS3 24171	47.91 -1.72 0.00	44.77 -1.62 0.00	38.10 -1.38 0.00	37.34 -1.33 0.00	35.35 -1.25 0.00	34.73 -1.21 0.00	37.60 -1.30 0.00	51.75 -1.75 0.00	40.57 -1.41 0.00	32.12 -1.15 0.00	25.29 -0.92 0.00	22.83 -0.82 0.00	28.36 -1.06 0.00	31.90 -1.21 0.00	29.08 -1.11 0.00	31.14 -1.18 0.00	37.56 -1.38 0.00	51.39 -1.86 0.00	51.60 -1.82 0.00	47.99 -1.74 0.00	45.08 -1.62 0.00	42.99 -1.50 0.00	37.21 -1.31 0.00	34.92 -1.23 0.00
SITHE_IND_GS4 24172	47.91 -1.72 0.00	44.77 -1.62 0.00	38.10 -1.38 0.00	37.34 -1.33 0.00	35.35 -1.25 0.00	34.73 -1.21 0.00	37.60 -1.30 0.00	51.75 -1.75 0.00	40.57 -1.41 0.00	32.12 -1.15 0.00	25.29 -0.92 0.00	22.83 -0.82 0.00	28.36 -1.06 0.00	31.90 -1.21 0.00	29.08 -1.11 0.00	31.14 -1.18 0.00	37.56 -1.38 0.00	51.39 -1.86 0.00	51.60 -1.82 0.00	47.99 -1.74 0.00	45.08 -1.62 0.00	42.99 -1.50 0.00	37.21 -1.31 0.00	34.92 -1.23 0.00

SITHE____BATAVIA 24024	49.59 0.60 0.64	45.91 0.13 0.61	38.85 -0.08 0.56	37.96 0.04 0.75	36.16 0.30 0.73	35.61 0.16 0.49	38.41 0.23 0.72	53.18 0.47 0.79	40.79 0.04 1.23	32.29 -0.10 0.88	25.92 -0.02 0.27	23.47 -0.18 0.00	29.23 -0.19 0.00	32.67 -0.37 0.08	29.81 -0.32 0.05	31.60 -0.33 0.39	38.11 -0.31 0.52	52.59 -0.51 0.14	53.67 0.25 0.00	49.68 -0.05 0.00	46.17 -0.53 0.00	44.44 -0.05 0.00	38.71 0.19 0.00	36.49 0.34 0.00
SITHE____INDEPEND 23800	47.91 -1.72 0.00	44.77 -1.62 0.00	38.10 -1.38 0.00	37.35 -1.32 0.00	35.35 -1.25 0.00	34.73 -1.21 0.00	37.60 -1.30 0.00	51.75 -1.75 0.00	40.56 -1.42 0.00	32.12 -1.15 0.00	25.29 -0.92 0.00	22.83 -0.82 0.00	28.36 -1.06 0.00	31.90 -1.21 0.00	29.07 -1.11 0.00	31.14 -1.19 0.00	37.57 -1.38 0.00	51.39 -1.86 0.00	51.60 -1.82 0.00	47.99 -1.74 0.00	45.08 -1.62 0.00	42.99 -1.50 0.00	37.21 -1.31 0.00	34.92 -1.23 0.00
SITHE____MASSENA 23902	51.22 1.59 0.00	47.82 1.43 0.00	40.68 1.20 0.00	39.81 1.15 0.00	37.72 1.12 0.00	36.90 0.96 0.00	39.91 1.02 0.00	55.02 1.52 0.00	43.14 1.16 0.00	34.06 0.79 0.00	26.92 0.70 0.00	24.29 0.64 0.00	30.30 0.87 0.00	34.10 0.99 0.00	31.12 0.94 0.00	33.34 1.02 0.00	40.21 1.27 0.00	55.06 1.82 0.00	55.39 1.98 0.00	51.52 1.79 0.00	48.29 1.59 0.00	45.94 1.45 0.00	39.79 1.27 0.00	37.40 1.25 0.00
SITHE____OGDNSBRG 24021	52.43 2.80 0.00	48.94 2.55 0.00	41.62 2.14 0.00	40.72 2.05 0.00	38.57 1.97 0.00	37.74 1.79 0.00	40.86 1.97 0.00	56.37 2.87 0.00	44.10 2.12 0.00	34.36 1.09 0.00	27.06 0.84 0.00	24.43 0.77 0.00	30.52 1.09 0.00	34.45 1.34 0.00	31.51 1.33 0.00	33.82 1.50 0.00	40.89 1.95 0.00	56.31 3.07 0.00	57.02 3.61 0.00	53.04 3.30 0.00	49.70 3.00 0.00	47.27 2.78 0.00	40.86 2.35 0.00	38.38 2.23 0.00
SITHE____STERLING 23777	50.87 1.24 0.00	47.48 1.09 0.00	40.45 0.97 0.00	39.73 1.06 0.00	37.60 1.00 0.00	36.99 1.05 0.00	40.09 1.20 0.00	55.25 1.75 0.00	43.25 1.27 0.00	34.00 0.73 0.00	26.59 0.38 0.00	23.92 0.27 0.00	29.74 0.31 0.00	33.49 0.38 0.00	30.57 0.39 0.00	32.72 0.40 0.00	39.56 0.62 0.00	54.56 1.32 0.00	54.97 1.55 0.00	51.12 1.39 0.00	48.02 1.33 0.00	45.77 1.29 0.00	39.56 1.05 0.00	37.05 0.89 0.00
SLEIGHT__34_KV_TB1 80719	48.95 -0.68 0.00	45.58 -0.81 0.00	38.76 -0.71 0.00	38.02 -0.65 0.00	36.06 -0.54 0.00	35.42 -0.52 0.00	38.40 -0.50 0.00	53.01 -0.49 0.00	41.43 -0.55 0.00	32.73 -0.54 0.00	25.79 -0.42 0.00	23.19 -0.46 0.00	28.82 -0.60 0.00	32.37 -0.74 0.00	29.55 -0.63 0.00	31.65 -0.68 0.00	38.28 -0.67 0.00	52.50 -0.74 0.00	52.96 -0.46 0.00	49.12 -0.61 0.00	45.96 -0.74 0.00	43.91 -0.57 0.00	38.04 -0.48 0.00	35.71 -0.44 0.00
SMITHTWN_69_KV_BK 1 55830	50.48 0.84 0.00	47.65 1.26 0.00	40.43 0.95 0.00	39.70 1.03 0.00	37.41 0.81 0.00	36.47 0.53 0.00	39.51 0.61 0.00	54.14 0.68 0.04	43.04 1.06 0.00	34.33 1.06 0.00	27.29 1.08 0.00	24.49 0.84 0.00	30.69 1.26 0.00	34.48 1.37 0.00	31.53 1.35 0.00	33.37 1.05 0.00	39.82 0.88 0.00	54.35 1.11 0.00	51.65 0.28 2.05	46.96 0.25 3.02	47.18 0.49 0.00	37.93 0.03 6.59	38.63 0.31 0.20	36.71 0.55 0.00
SOUTH CAIRO____GT 23612	51.09 1.46 0.00	47.74 1.35 0.00	40.64 1.16 0.00	39.79 1.12 0.00	37.65 1.05 0.00	37.09 1.14 0.00	40.16 1.26 0.00	55.17 1.68 0.00	43.34 1.36 0.00	34.00 0.73 0.00	26.51 0.30 0.00	23.88 0.23 0.00	29.80 0.37 0.00	33.68 0.57 0.00	30.61 0.43 0.00	32.95 0.62 0.00	39.81 0.87 0.00	54.96 1.72 0.00	55.45 2.04 0.00	51.71 1.98 0.00	48.58 1.89 0.00	46.16 1.68 0.00	39.81 1.30 0.00	37.19 1.04 0.00
SOUTH HAMPTN____IC 23720	50.89 1.25 0.00	48.08 1.69 0.00	40.74 1.26 0.00	40.09 1.43 0.00	37.70 1.11 0.00	36.81 0.86 0.00	40.14 1.25 0.00	54.98 1.52 0.04	43.72 1.74 0.00	34.52 1.25 0.00	27.39 1.17 0.00	24.57 0.93 0.00	30.91 1.48 0.00	34.70 1.59 0.00	31.83 1.65 0.00	33.79 1.46 0.00	40.42 1.48 0.00	55.24 1.99 0.00	52.28 0.93 2.07	47.47 0.80 3.06	47.50 0.80 0.00	38.20 0.38 6.66	38.77 0.46 0.21	36.60 0.45 0.00
SOUTHDOW_115KV_TB1 355954	50.98 1.35 0.00	47.15 0.77 0.00	39.91 0.43 0.00	39.21 0.54 0.00	37.21 0.62 0.00	36.55 0.61 0.00	39.59 0.70 0.00	54.91 1.41 0.00	42.72 0.74 0.00	33.91 0.64 0.00	26.85 0.64 0.00	24.12 0.46 0.00	29.93 0.51 0.00	33.47 0.36 0.00	30.42 0.23 0.00	32.53 0.20 0.00	39.12 0.18 0.00	52.85 -0.39 0.00	53.75 0.34 0.00	49.59 -0.14 0.00	45.94 -0.76 0.00	44.32 -0.17 0.00	38.60 0.09 0.00	36.39 0.24 0.00
SOUTHOLD_69_KV_BK 2 55809	51.44 1.81 0.00	48.54 2.15 0.00	41.18 1.70 0.00	40.53 1.86 0.00	38.09 1.49 0.00	37.16 1.22 0.00	40.55 1.65 0.00	55.53 2.07 0.04	44.16 2.18 0.00	34.84 1.57 0.00	27.62 1.41 0.00	24.78 1.13 0.00	31.14 1.71 0.00	34.93 1.81 0.00	32.12 1.94 0.00	34.15 1.83 0.00	40.93 1.98 0.00	55.98 2.74 0.00	53.10 1.75 2.07	48.16 1.49 3.06	47.87 1.17 0.00	38.68 0.85 6.66	38.93 0.62 0.21	36.52 0.37 0.00
SOUTHOLD____IC 23719	51.44 1.81 0.00	48.54 2.15 0.00	41.18 1.70 0.00	40.53 1.86 0.00	38.06 1.46 0.00	37.16 1.22 0.00	40.55 1.66 0.00	55.53 2.06 0.04	44.15 2.17 0.00	34.84 1.57 0.00	27.62 1.41 0.00	24.78 1.13 0.00	31.14 1.71 0.00	34.93 1.81 0.00	32.12 1.94 0.00	34.16 1.83 0.00	40.92 1.98 0.00	55.98 2.73 0.00	53.10 1.75 2.07	48.15 1.48 3.06	47.87 1.17 0.00	38.68 0.85 6.66	38.93 0.62 0.21	36.52 0.37 0.00
SOUTH_FORK_WT_PWR 323839	51.56 1.93 0.00	48.63 2.25 0.00	41.29 1.81 0.00	40.64 1.96 0.00	38.11 1.51 0.00	37.20 1.26 0.00	40.64 1.74 0.00	55.59 2.12 0.04	44.18 2.21 0.00	34.82 1.55 0.00	27.60 1.39 0.00	24.78 1.13 0.00	31.14 1.71 0.00	34.91 1.80 0.00	32.18 1.99 0.00	34.24 1.91 0.00	41.04 2.10 0.00	56.16 2.92 0.00	53.29 1.95 2.07	48.28 1.61 3.06	47.77 1.08 0.00	38.70 0.88 6.66	38.77 0.46 0.21	36.19 0.03 0.00
SPIERFLS_115KV_TB 1 80737	50.98 1.35 0.00	47.69 1.30 0.00	40.62 1.14 0.00	39.82 1.16 0.00	37.72 1.12 0.00	37.06 1.12 0.00	40.12 1.22 0.00	54.74 1.24 0.00	42.94 0.96 0.00	33.92 0.65 0.00	26.46 0.24 0.00	23.83 0.17 0.00	29.72 0.29 0.00	33.58 0.47 0.00	30.56 0.37 0.00	32.98 0.65 0.00	40.08 1.14 0.00	54.88 1.64 0.00	54.82 1.41 0.00	51.24 1.51 0.00	48.34 1.64 0.00	45.92 1.43 0.00	39.63 1.12 0.00	36.97 0.82 0.00
ST LAWRENCE____ 23600	50.28 0.65 0.00	46.98 0.59 0.00	39.96 0.48 0.00	39.13 0.45 0.00	37.07 0.47 0.00	36.27 0.33 0.00	39.22 0.32 0.00	54.06 0.56 0.00	42.41 0.43 0.00	33.55 0.28 0.00	26.52 0.31 0.00	23.94 0.28 0.00	29.83 0.41 0.00	33.57 0.46 0.00	30.61 0.43 0.00	32.80 0.47 0.00	39.52 0.58 0.00	54.08 0.84 0.00	54.33 0.92 0.00	50.57 0.84 0.00	47.38 0.68 0.00	45.08 0.59 0.00	39.06 0.54 0.00	36.72 0.57 0.00

STATE_CA_115KV_115_LB 55624	49.72 0.08 0.00	46.49 0.10 0.00	39.60 0.12 0.00	38.77 0.10 0.00	36.70 0.11 0.00	36.15 0.21 0.00	39.08 0.18 0.00	53.48 -0.02 0.00	42.04 0.06 0.00	33.41 0.14 0.00	26.28 0.07 0.00	23.70 0.04 0.00	29.49 0.06 0.00	33.24 0.13 0.00	30.35 0.16 0.00	32.52 0.19 0.00	39.10 0.16 0.00	53.43 0.19 0.00	53.38 -0.03 0.00	49.85 0.12 0.00	46.91 0.22 0.00	44.66 0.17 0.00	38.60 0.09 0.00	36.15 0.00 0.00
STATE_ST_34_KV_LOAD 55959	49.44 -0.19 0.00	46.17 -0.22 0.00	39.42 -0.06 0.00	38.68 0.01 0.00	36.61 0.02 0.00	36.00 0.06 0.00	38.95 0.05 0.00	53.73 0.23 0.00	42.04 0.06 0.00	33.19 -0.08 0.00	26.03 -0.18 0.00	23.49 -0.16 0.00	29.19 -0.23 0.00	32.65 -0.46 0.00	29.83 -0.36 0.00	31.88 -0.45 0.00	38.67 -0.27 0.00	53.19 -0.06 0.00	53.60 0.19 0.00	49.61 -0.12 0.00	46.65 -0.05 0.00	44.52 0.03 0.00	38.52 0.00 0.00	36.16 0.01 0.00
STATION_5_MISC_HYD 23604	49.08 -0.17 0.37	45.61 -0.42 0.36	38.68 -0.47 0.33	37.83 -0.40 0.44	35.92 -0.24 0.43	35.34 -0.31 0.29	38.20 -0.27 0.42	52.86 -0.18 0.46	40.93 -0.33 0.72	32.44 -0.31 0.52	25.88 -0.17 0.16	23.41 -0.24 0.00	29.16 -0.26 0.00	32.68 -0.38 0.05	29.82 -0.33 0.03	31.76 -0.33 0.23	38.30 -0.34 0.30	52.62 -0.54 0.08	53.21 -0.21 0.00	49.33 -0.40 0.00	46.03 -0.67 0.00	44.11 -0.38 0.00	38.29 -0.23 0.00	35.98 -0.17 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	49.27 -0.36 0.00	45.89 -0.49 0.00	38.99 -0.49 0.00	38.25 -0.42 0.00	36.27 -0.32 0.00	35.63 -0.31 0.00	38.62 -0.27 0.00	53.30 -0.20 0.00	41.66 -0.32 0.00	32.91 -0.36 0.00	25.93 -0.28 0.00	23.35 -0.30 0.00	29.01 -0.41 0.00	32.60 -0.51 0.00	29.70 -0.48 0.00	31.83 -0.50 0.00	38.45 -0.49 0.00	52.65 -0.59 0.00	53.17 -0.24 0.00	49.34 -0.39 0.00	46.15 -0.54 0.00	44.12 -0.37 0.00	38.23 -0.28 0.00	35.90 -0.25 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	49.10 -0.53 0.00	45.65 -0.73 0.00	38.75 -0.73 0.00	38.01 -0.66 0.00	36.09 -0.51 0.00	35.40 -0.54 0.00	38.37 -0.53 0.00	52.95 -0.55 0.00	41.37 -0.61 0.00	32.75 -0.52 0.00	25.86 -0.35 0.00	23.26 -0.39 0.00	28.97 -0.46 0.00	32.53 -0.59 0.00	29.65 -0.53 0.00	31.78 -0.55 0.00	38.36 -0.58 0.00	52.37 -0.88 0.00	52.85 -0.57 0.00	49.00 -0.73 0.00	45.75 -0.94 0.00	43.82 -0.67 0.00	38.03 -0.48 0.00	35.73 -0.42 0.00
STA_56___34_KV_BUS2 355983	49.10 -0.53 0.00	45.65 -0.73 0.00	38.75 -0.73 0.00	38.01 -0.66 0.00	36.09 -0.51 0.00	35.40 -0.54 0.00	38.37 -0.53 0.00	52.95 -0.55 0.00	41.37 -0.61 0.00	32.75 -0.52 0.00	25.86 -0.35 0.00	23.26 -0.39 0.00	28.97 -0.46 0.00	32.53 -0.59 0.00	29.65 -0.53 0.00	31.78 -0.55 0.00	38.36 -0.58 0.00	52.37 -0.88 0.00	52.85 -0.57 0.00	49.00 -0.73 0.00	45.75 -0.94 0.00	43.82 -0.67 0.00	38.03 -0.48 0.00	35.73 -0.42 0.00
STA_67___115KV_BK2 355882	49.36 -0.27 0.00	45.88 -0.51 0.00	38.93 -0.55 0.00	38.20 -0.47 0.00	36.27 -0.33 0.00	35.57 -0.37 0.00	38.55 -0.35 0.00	53.22 -0.28 0.00	41.56 -0.42 0.00	32.90 -0.37 0.00	25.99 -0.22 0.00	23.37 -0.28 0.00	29.11 -0.31 0.00	32.67 -0.45 0.00	29.79 -0.39 0.00	31.93 -0.40 0.00	38.52 -0.42 0.00	52.57 -0.67 0.00	53.07 -0.35 0.00	49.21 -0.52 0.00	45.93 -0.77 0.00	44.01 -0.47 0.00	38.21 -0.31 0.00	35.91 -0.24 0.00
STA_7___115KV_9TRANS 80674	49.64 0.01 0.00	46.13 -0.26 0.00	39.13 -0.35 0.00	38.39 -0.28 0.00	36.45 -0.14 0.00	35.76 -0.18 0.00	38.76 -0.13 0.00	53.52 0.03 0.00	41.80 -0.18 0.00	33.08 -0.19 0.00	26.14 -0.07 0.00	23.51 -0.15 0.00	29.29 -0.14 0.00	32.86 -0.25 0.00	29.97 -0.22 0.00	32.12 -0.21 0.00	38.80 -0.14 0.00	52.97 -0.27 0.00	53.49 0.07 0.00	49.60 -0.13 0.00	46.28 -0.42 0.00	44.34 -0.15 0.00	38.47 -0.05 0.00	36.14 -0.01 0.00
STA_82___115KV_TB1 80780	49.39 -0.24 0.00	45.90 -0.49 0.00	38.94 -0.54 0.00	38.21 -0.46 0.00	36.29 -0.31 0.00	35.59 -0.35 0.00	38.57 -0.33 0.00	53.23 -0.27 0.00	41.58 -0.40 0.00	32.91 -0.36 0.00	25.99 -0.22 0.00	23.37 -0.28 0.00	29.11 -0.31 0.00	32.67 -0.44 0.00	29.80 -0.39 0.00	31.93 -0.40 0.00	38.53 -0.41 0.00	52.59 -0.65 0.00	53.11 -0.30 0.00	49.23 -0.50 0.00	45.95 -0.75 0.00	44.03 -0.46 0.00	38.22 -0.29 0.00	35.93 -0.22 0.00
STEEL___WIND 323596	48.59 -0.05 1.00	44.92 -0.51 0.95	37.96 -0.65 0.87	37.00 -0.50 1.17	35.23 -0.22 1.14	34.79 -0.38 0.77	37.36 -0.41 1.12	51.91 -0.35 1.23	39.43 -0.63 1.92	31.46 -0.43 1.38	25.66 -0.13 0.43	23.37 -0.28 0.00	29.14 -0.28 0.00	32.51 -0.48 0.12	29.67 -0.44 0.08	31.25 -0.46 0.61	37.46 -0.67 0.81	51.47 -1.55 0.22	52.36 -1.06 0.00	48.35 -1.38 0.00	44.86 -1.84 0.00	43.31 -1.18 0.00	37.80 -0.71 0.00	35.75 -0.40 0.00
STEPHTWN_115KV_BK_2 55603	50.03 0.41 0.00	46.75 0.37 0.00	39.82 0.34 0.00	38.99 0.32 0.00	36.94 0.34 0.00	36.32 0.37 0.00	39.37 0.47 0.00	53.91 0.41 0.00	42.34 0.36 0.00	33.59 0.32 0.00	26.40 0.19 0.00	23.79 0.14 0.00	29.64 0.21 0.00	33.38 0.27 0.00	30.45 0.27 0.00	32.65 0.33 0.00	39.32 0.38 0.00	53.82 0.57 0.00	53.68 0.27 0.00	50.09 0.36 0.00	47.20 0.51 0.00	44.87 0.39 0.00	38.73 0.21 0.00	36.30 0.15 0.00
STEBEN_REC_LFGE 323667	50.62 0.99 0.00	47.02 0.63 0.00	39.82 0.34 0.00	39.16 0.48 0.00	37.16 0.56 0.00	36.48 0.54 0.00	39.62 0.73 0.00	54.77 1.27 0.00	42.57 0.59 0.00	33.42 0.15 0.00	26.26 0.05 0.00	23.54 -0.11 0.00	29.21 -0.22 0.00	32.66 -0.46 0.00	29.69 -0.49 0.00	31.74 -0.59 0.00	38.47 -0.47 0.00	52.90 -0.34 0.00	53.99 0.58 0.00	49.95 0.22 0.00	46.38 -0.31 0.00	44.53 0.04 0.00	38.58 0.07 0.00	36.35 0.20 0.00
STILLWATER___SOLAR 323814	51.15 1.52 0.00	47.83 1.44 0.00	40.73 1.25 0.00	39.90 1.23 0.00	37.78 1.18 0.00	37.17 1.22 0.00	40.23 1.34 0.00	55.02 1.52 0.00	43.15 1.17 0.00	34.12 0.85 0.00	26.69 0.48 0.00	24.02 0.37 0.00	29.93 0.51 0.00	33.80 0.68 0.00	30.78 0.59 0.00	33.12 0.79 0.00	40.16 1.22 0.00	55.00 1.76 0.00	54.99 1.57 0.00	51.34 1.61 0.00	48.35 1.65 0.00	46.02 1.53 0.00	39.73 1.22 0.00	37.15 0.99 0.00
STONY___BROOK 24151	50.42 0.79 0.00	47.60 1.22 0.00	40.37 0.89 0.00	39.65 0.98 0.00	37.33 0.73 0.00	36.42 0.48 0.00	39.49 0.59 0.00	54.10 0.64 0.04	43.01 1.03 0.00	34.26 0.99 0.00	27.24 1.02 0.00	24.45 0.80 0.00	30.65 1.23 0.00	34.43 1.32 0.00	31.50 1.32 0.00	33.35 1.02 0.00	39.79 0.85 0.00	54.30 1.05 0.00	51.49 0.13 2.05	46.81 0.11 3.03	47.10 0.41 0.00	37.84 -0.04 6.61	38.57 0.26 0.20	36.64 0.49 0.00
STURGEON_POOL_HYD 23609	51.09 1.46 0.00	47.80 1.42 0.00	40.60 1.11 0.00	39.73 1.05 0.00	37.53 0.94 0.00	37.02 1.07 0.00	40.00 1.11 0.00	55.02 1.52 0.00	43.41 1.43 0.00	34.67 1.40 0.00	27.31 1.10 0.00	24.68 1.02 0.00	30.66 1.24 0.00	34.48 1.37 0.00	31.43 1.24 0.00	33.55 1.23 0.00	40.10 1.16 0.00	54.60 1.35 0.00	54.68 1.26 0.00	50.94 1.21 0.00	47.75 1.06 0.00	45.44 0.95 0.00	39.39 0.87 0.00	37.00 0.84 0.00

ST_LAW_115_BK7_LBMP 345037	50.37 0.74 0.00	47.05 0.67 0.00	40.04 0.56 0.00	39.18 0.51 0.00	37.12 0.52 0.00	36.32 0.38 0.00	39.28 0.39 0.00	54.13 0.63 0.00	42.48 0.50 0.00	33.59 0.32 0.00	26.56 0.34 0.00	23.97 0.32 0.00	29.87 0.45 0.00	33.62 0.50 0.00	30.67 0.48 0.00	32.86 0.53 0.00	39.59 0.65 0.00	54.19 0.95 0.00	54.47 1.06 0.00	50.67 0.94 0.00	47.48 0.79 0.00	45.17 0.68 0.00	39.13 0.62 0.00	36.79 0.64 0.00
ST_LAW_115_BK8_LBMP 345038	50.37 0.74 0.00	47.05 0.67 0.00	40.04 0.56 0.00	39.18 0.51 0.00	37.12 0.52 0.00	36.32 0.38 0.00	39.28 0.39 0.00	54.13 0.63 0.00	42.48 0.50 0.00	33.59 0.32 0.00	26.56 0.34 0.00	23.97 0.32 0.00	29.87 0.45 0.00	33.62 0.50 0.00	30.67 0.48 0.00	32.86 0.53 0.00	39.59 0.65 0.00	54.19 0.95 0.00	54.47 1.06 0.00	50.67 0.94 0.00	47.48 0.79 0.00	45.17 0.68 0.00	39.13 0.62 0.00	36.79 0.64 0.00
ST_LAW_230_BK5_LBMP 345035	50.28 0.65 0.00	46.98 0.59 0.00	39.96 0.48 0.00	39.13 0.45 0.00	37.07 0.47 0.00	36.27 0.33 0.00	39.22 0.32 0.00	54.06 0.56 0.00	42.41 0.43 0.00	33.55 0.28 0.00	26.52 0.31 0.00	23.94 0.28 0.00	29.83 0.41 0.00	33.57 0.46 0.00	30.61 0.43 0.00	32.80 0.47 0.00	39.52 0.58 0.00	54.08 0.84 0.00	54.33 0.92 0.00	50.57 0.84 0.00	47.38 0.68 0.00	45.08 0.59 0.00	39.06 0.54 0.00	36.72 0.57 0.00
ST_LAW_230_BK6_LBMP 345036	50.28 0.65 0.00	46.98 0.59 0.00	39.96 0.48 0.00	39.13 0.45 0.00	37.07 0.47 0.00	36.27 0.33 0.00	39.22 0.32 0.00	54.06 0.56 0.00	42.41 0.43 0.00	33.55 0.28 0.00	26.52 0.31 0.00	23.94 0.28 0.00	29.83 0.41 0.00	33.57 0.46 0.00	30.61 0.43 0.00	32.80 0.47 0.00	39.52 0.58 0.00	54.08 0.84 0.00	54.33 0.92 0.00	50.57 0.84 0.00	47.38 0.68 0.00	45.08 0.59 0.00	39.06 0.54 0.00	36.72 0.57 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.98 1.35 0.00	47.69 1.31 0.00	40.47 0.99 0.00	39.61 0.94 0.00	37.44 0.84 0.00	36.96 1.02 0.00	39.93 1.04 0.00	54.97 1.47 0.00	43.34 1.36 0.00	34.62 1.35 0.00	27.28 1.07 0.00	24.68 1.02 0.00	30.66 1.23 0.00	34.46 1.34 0.00	31.40 1.22 0.00	33.51 1.19 0.00	40.04 1.11 0.00	54.52 1.28 0.00	54.61 1.20 0.00	50.85 1.13 0.00	47.65 0.96 0.00	45.30 0.82 0.00	39.29 0.78 0.00	36.90 0.75 0.00
SWANROAD_115KV_TB1 355699	48.55 -1.08 0.00	44.95 -1.44 0.00	38.03 -1.45 0.00	37.37 -1.31 0.00	35.66 -0.94 0.00	34.87 -1.07 0.00	37.69 -1.20 0.00	51.73 -1.77 0.00	40.21 -1.77 0.00	32.03 -1.24 0.00	25.60 -0.61 0.00	22.93 -0.73 0.00	28.65 -0.77 0.00	32.07 -1.05 0.00	29.22 -0.97 0.00	31.26 -1.07 0.00	37.45 -1.49 0.00	50.53 -2.72 0.00	51.26 -2.15 0.00	47.33 -2.40 0.00	43.90 -2.79 0.00	42.51 -1.98 0.00	37.21 -1.30 0.00	35.23 -0.92 0.00
SYNERGY___BIOGAS 323694	50.21 0.58 0.00	46.51 0.12 0.00	39.39 -0.10 0.00	38.69 0.02 0.00	36.86 0.26 0.00	36.10 0.16 0.00	39.13 0.23 0.00	53.95 0.45 0.00	41.98 0.00 0.00	33.16 -0.11 0.00	26.19 -0.02 0.00	23.47 -0.19 0.00	29.23 -0.19 0.00	32.75 -0.37 0.00	29.84 -0.34 0.00	31.97 -0.36 0.00	38.60 -0.34 0.00	52.73 -0.52 0.00	53.68 0.26 0.00	49.68 -0.05 0.00	46.17 -0.53 0.00	44.44 -0.05 0.00	38.71 0.19 0.00	36.49 0.34 0.00
SYRACUSE___ENERGY_ST1 323597	49.04 -0.60 0.00	45.79 -0.59 0.00	38.99 -0.49 0.00	38.23 -0.44 0.00	36.18 -0.42 0.00	35.57 -0.37 0.00	38.52 -0.38 0.00	53.07 -0.42 0.00	41.57 -0.41 0.00	32.87 -0.40 0.00	25.84 -0.37 0.00	23.34 -0.31 0.00	28.99 -0.43 0.00	32.59 -0.52 0.00	29.71 -0.48 0.00	31.82 -0.51 0.00	38.45 -0.49 0.00	52.72 -0.52 0.00	52.98 -0.44 0.00	49.23 -0.50 0.00	46.22 -0.47 0.00	44.06 -0.43 0.00	38.12 -0.39 0.00	35.77 -0.39 0.00
SYRACUSE___ENERGY_ST2 323598	49.04 -0.60 0.00	45.79 -0.59 0.00	38.99 -0.49 0.00	38.23 -0.44 0.00	36.18 -0.42 0.00	35.57 -0.37 0.00	38.52 -0.38 0.00	53.07 -0.42 0.00	41.57 -0.41 0.00	32.87 -0.40 0.00	25.84 -0.37 0.00	23.34 -0.31 0.00	28.99 -0.43 0.00	32.59 -0.52 0.00	29.71 -0.48 0.00	31.82 -0.51 0.00	38.45 -0.49 0.00	52.72 -0.52 0.00	52.98 -0.44 0.00	49.23 -0.50 0.00	46.22 -0.47 0.00	44.06 -0.43 0.00	38.12 -0.39 0.00	35.77 -0.39 0.00
SYRACUSE___POWER 24017	49.08 -0.55 0.00	45.83 -0.55 0.00	38.99 -0.49 0.00	38.23 -0.44 0.00	36.17 -0.43 0.00	35.57 -0.38 0.00	38.52 -0.38 0.00	53.07 -0.43 0.00	41.57 -0.41 0.00	32.87 -0.40 0.00	25.84 -0.37 0.00	23.35 -0.31 0.00	28.99 -0.43 0.00	32.63 -0.49 0.00	29.71 -0.47 0.00	31.83 -0.50 0.00	38.45 -0.50 0.00	52.68 -0.56 0.00	52.99 -0.43 0.00	49.27 -0.46 0.00	46.24 -0.46 0.00	44.07 -0.42 0.00	38.14 -0.38 0.00	35.77 -0.38 0.00
TALLMAN__138KV_BK151 55660	51.04 1.41 0.00	47.74 1.35 0.00	40.48 1.00 0.00	39.62 0.95 0.00	37.46 0.86 0.00	37.00 1.05 0.00	39.98 1.08 0.00	55.07 1.57 0.00	43.42 1.45 0.00	34.72 1.45 0.00	27.40 1.19 0.00	24.80 1.14 0.00	30.80 1.38 0.00	34.61 1.50 0.00	31.54 1.35 0.00	33.64 1.31 0.00	40.13 1.19 0.00	54.59 1.34 0.00	54.65 1.24 0.00	50.89 1.16 0.00	47.66 0.96 0.00	45.29 0.80 0.00	39.30 0.78 0.00	36.91 0.76 0.00
TEALLAVE_115KV_TB7 355573	48.78 -0.85 0.00	45.56 -0.83 0.00	38.76 -0.72 0.00	38.00 -0.67 0.00	35.97 -0.63 0.00	35.35 -0.59 0.00	38.28 -0.62 0.00	52.73 -0.76 0.00	41.31 -0.66 0.00	32.69 -0.58 0.00	25.72 -0.48 0.00	23.22 -0.43 0.00	28.84 -0.58 0.00	32.45 -0.66 0.00	29.57 -0.61 0.00	31.68 -0.65 0.00	38.23 -0.71 0.00	52.35 -0.89 0.00	52.62 -0.80 0.00	48.92 -0.81 0.00	45.92 -0.78 0.00	43.79 -0.70 0.00	37.89 -0.63 0.00	35.55 -0.60 0.00
TELGRAPH_34_KV_EAST 80808	49.43 -0.20 0.00	45.79 -0.60 0.00	38.76 -0.72 0.00	38.07 -0.60 0.00	36.30 -0.30 0.00	35.52 -0.42 0.00	38.45 -0.45 0.00	52.92 -0.58 0.00	41.16 -0.82 0.00	32.67 -0.61 0.00	25.96 -0.26 0.00	23.26 -0.39 0.00	29.06 -0.37 0.00	32.51 -0.60 0.00	29.61 -0.57 0.00	31.69 -0.64 0.00	38.10 -0.85 0.00	51.66 -1.58 0.00	52.48 -0.93 0.00	48.52 -1.21 0.00	45.05 -1.64 0.00	43.49 -1.00 0.00	37.98 -0.53 0.00	35.88 -0.27 0.00
TEMPLE___115KV_TB 2 55572	48.78 -0.85 0.00	45.56 -0.83 0.00	38.77 -0.71 0.00	38.00 -0.67 0.00	35.97 -0.63 0.00	35.35 -0.59 0.00	38.29 -0.61 0.00	52.74 -0.76 0.00	41.31 -0.66 0.00	32.69 -0.58 0.00	25.73 -0.48 0.00	23.23 -0.43 0.00	28.86 -0.57 0.00	32.46 -0.65 0.00	29.57 -0.61 0.00	31.69 -0.64 0.00	38.24 -0.70 0.00	52.36 -0.88 0.00	52.62 -0.79 0.00	48.94 -0.80 0.00	45.93 -0.77 0.00	43.80 -0.69 0.00	37.90 -0.62 0.00	35.55 -0.60 0.00
TIANA____69_KV_BK 1 55817	50.72 1.09 0.00	47.93 1.54 0.00	40.60 1.12 0.00	39.96 1.29 0.00	37.61 1.01 0.00	36.69 0.75 0.00	39.99 1.10 0.00	54.81 1.34 0.04	43.57 1.59 0.00	34.43 1.16 0.00	27.31 1.10 0.00	24.51 0.86 0.00	30.83 1.40 0.00	34.62 1.51 0.00	31.74 1.56 0.00	33.67 1.34 0.00	40.27 1.33 0.00	55.01 1.77 0.00	52.03 0.69 2.07	47.28 0.60 3.06	47.40 0.70 0.00	38.07 0.24 6.66	38.73 0.42 0.21	36.63 0.48 0.00

TILDEN___115KV_TB1 80814	49.08 -0.55 0.00	45.83 -0.55 0.00	38.99 -0.49 0.00	38.23 -0.44 0.00	36.17 -0.43 0.00	35.57 -0.38 0.00	38.52 -0.38 0.00	53.07 -0.43 0.00	41.57 -0.41 0.00	32.87 -0.40 0.00	25.84 -0.37 0.00	23.35 -0.31 0.00	28.99 -0.43 0.00	32.63 -0.49 0.00	29.71 -0.47 0.00	31.83 -0.50 0.00	38.45 -0.50 0.00	52.68 -0.56 0.00	52.99 -0.43 0.00	49.27 -0.46 0.00	46.24 -0.46 0.00	44.07 -0.42 0.00	38.14 -0.38 0.00	35.77 -0.38 0.00
TRIGEN___CC 323695	50.90 1.27 0.00	47.80 1.42 0.00	40.56 1.08 0.00	39.73 1.06 0.00	37.48 0.89 0.00	36.79 0.85 0.00	39.73 0.84 0.00	54.56 1.06 0.01	43.23 1.26 0.00	34.62 1.35 0.00	27.46 1.24 0.00	24.73 1.08 0.00	30.83 1.41 0.00	34.63 1.52 0.00	31.62 1.43 0.00	33.54 1.21 0.00	39.99 1.05 0.00	54.48 1.23 0.00	53.98 0.89 0.33	50.06 0.82 0.49	47.49 0.79 0.00	43.90 0.48 1.06	39.11 0.63 0.03	36.94 0.79 0.00
TRINITY___115KV___4 BK 55933	49.40 -0.23 0.00	46.21 -0.18 0.00	39.36 -0.11 0.00	38.54 -0.13 0.00	36.48 -0.12 0.00	35.92 -0.02 0.00	38.83 -0.06 0.00	53.13 -0.37 0.00	41.78 -0.20 0.00	33.21 -0.06 0.00	26.13 -0.08 0.00	23.57 -0.09 0.00	29.33 -0.09 0.00	33.06 -0.05 0.00	30.16 -0.02 0.00	32.31 -0.02 0.00	38.81 -0.13 0.00	53.01 -0.24 0.00	52.96 -0.45 0.00	49.47 -0.26 0.00	46.56 -0.13 0.00	44.35 -0.14 0.00	38.33 -0.18 0.00	35.91 -0.24 0.00
UNION___PROCESSING_DRP 323587	49.40 -0.24 0.00	45.91 -0.48 0.00	38.95 -0.52 0.00	38.22 -0.45 0.00	36.30 -0.30 0.00	35.60 -0.34 0.00	38.57 -0.32 0.00	53.25 -0.25 0.00	41.59 -0.39 0.00	32.92 -0.35 0.00	25.99 -0.22 0.00	23.37 -0.28 0.00	29.12 -0.31 0.00	32.67 -0.44 0.00	29.80 -0.38 0.00	31.93 -0.39 0.00	38.54 -0.40 0.00	52.60 -0.64 0.00	53.11 -0.30 0.00	49.25 -0.48 0.00	45.95 -0.74 0.00	44.05 -0.44 0.00	38.23 -0.28 0.00	35.94 -0.21 0.00
UPPER HUDSON___HYD 24058	50.98 1.35 0.00	47.69 1.30 0.00	40.62 1.14 0.00	39.82 1.15 0.00	37.72 1.12 0.00	37.06 1.12 0.00	40.12 1.22 0.00	54.74 1.24 0.00	42.94 0.96 0.00	33.92 0.65 0.00	26.46 0.24 0.00	23.83 0.18 0.00	29.72 0.29 0.00	33.58 0.46 0.00	30.56 0.37 0.00	32.98 0.65 0.00	40.08 1.13 0.00	54.87 1.63 0.00	54.82 1.41 0.00	51.24 1.51 0.00	48.34 1.64 0.00	45.92 1.43 0.00	39.63 1.12 0.00	36.97 0.82 0.00
UPPER RAQUET___HYD 24056	52.06 2.43 0.00	48.57 2.18 0.00	41.31 1.83 0.00	40.43 1.76 0.00	38.31 1.71 0.00	37.48 1.54 0.00	40.57 1.67 0.00	55.90 2.40 0.00	43.81 1.83 0.00	34.29 1.02 0.00	26.97 0.76 0.00	24.34 0.68 0.00	30.44 1.01 0.00	34.30 1.19 0.00	31.34 1.16 0.00	33.61 1.28 0.00	40.59 1.64 0.00	55.83 2.59 0.00	56.37 2.96 0.00	52.43 2.70 0.00	49.20 2.50 0.00	46.87 2.39 0.00	40.53 2.01 0.00	38.08 1.93 0.00
VALLEY44_115KV_TB2 355964	49.64 0.01 0.00	46.09 -0.30 0.00	39.05 -0.43 0.00	38.45 -0.22 0.00	36.55 -0.04 0.00	35.84 -0.10 0.00	38.77 -0.12 0.00	53.64 0.14 0.00	41.76 -0.22 0.00	33.13 -0.14 0.00	26.19 -0.02 0.00	23.48 -0.18 0.00	29.18 -0.25 0.00	32.70 -0.41 0.00	29.70 -0.49 0.00	31.81 -0.51 0.00	38.22 -0.72 0.00	51.61 -1.64 0.00	52.36 -1.05 0.00	48.37 -1.35 0.00	44.97 -1.72 0.00	43.30 -1.19 0.00	37.67 -0.85 0.00	35.52 -0.64 0.00
VALLEY___115KV_TB 1-4 80826	51.17 1.54 0.00	47.79 1.40 0.00	40.66 1.19 0.00	39.83 1.16 0.00	37.68 1.08 0.00	37.13 1.19 0.00	40.16 1.26 0.00	55.15 1.65 0.00	43.08 1.10 0.00	33.78 0.51 0.00	26.41 0.20 0.00	23.79 0.13 0.00	29.54 0.11 0.00	33.45 0.33 0.00	30.43 0.24 0.00	32.71 0.38 0.00	39.73 0.79 0.00	54.66 1.42 0.00	54.99 1.58 0.00	51.26 1.53 0.00	48.20 1.51 0.00	45.97 1.49 0.00	39.71 1.19 0.00	37.17 1.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	51.38 1.75 0.00	48.07 1.69 0.00	40.90 1.42 0.00	40.06 1.39 0.00	37.91 1.32 0.00	37.28 1.34 0.00	40.31 1.41 0.00	55.56 2.06 0.00	43.63 1.65 0.00	34.63 1.36 0.00	27.26 1.04 0.00	24.58 0.93 0.00	30.52 1.10 0.00	34.39 1.28 0.00	31.29 1.11 0.00	33.42 1.10 0.00	40.30 1.36 0.00	55.08 1.84 0.00	55.13 1.72 0.00	51.26 1.53 0.00	48.14 1.44 0.00	45.86 1.38 0.00	39.71 1.19 0.00	37.26 1.11 0.00
VISCHER___FERRY HYD 24020	50.54 0.91 0.00	47.24 0.85 0.00	40.24 0.77 0.00	39.40 0.73 0.00	37.30 0.70 0.00	36.73 0.79 0.00	39.75 0.86 0.00	54.31 0.81 0.00	42.66 0.68 0.00	33.88 0.61 0.00	26.57 0.36 0.00	23.93 0.28 0.00	29.81 0.38 0.00	33.64 0.52 0.00	30.63 0.44 0.00	32.90 0.57 0.00	39.67 0.73 0.00	54.23 0.98 0.00	54.17 0.75 0.00	50.65 0.91 0.00	47.71 1.01 0.00	45.46 0.97 0.00	39.26 0.74 0.00	36.73 0.57 0.00
V_A_10_SYNC_DSASP 323832	49.01 -0.62 0.00	45.40 -0.98 0.00	38.46 -1.02 0.00	37.78 -0.89 0.00	35.97 -0.62 0.00	35.20 -0.74 0.00	38.09 -0.80 0.00	52.57 -0.93 0.00	40.94 -1.04 0.00	32.57 -0.70 0.00	25.86 -0.35 0.00	23.18 -0.47 0.00	28.92 -0.51 0.00	32.42 -0.70 0.00	29.56 -0.63 0.00	31.66 -0.67 0.00	38.02 -0.92 0.00	51.32 -1.92 0.00	51.89 -1.52 0.00	47.94 -1.79 0.00	44.55 -2.15 0.00	43.00 -1.49 0.00	37.56 -0.96 0.00	35.46 -0.70 0.00
V_CMM_10_SYNC_DSASP 323787	50.66 1.03 0.00	47.31 0.92 0.00	40.24 0.76 0.00	39.40 0.72 0.00	37.32 0.72 0.00	36.51 0.57 0.00	39.49 0.59 0.00	54.43 0.93 0.00	42.70 0.72 0.00	33.76 0.49 0.00	26.69 0.48 0.00	24.09 0.44 0.00	30.03 0.60 0.00	33.79 0.68 0.00	30.84 0.65 0.00	33.03 0.70 0.00	39.81 0.87 0.00	54.48 1.24 0.00	54.76 1.35 0.00	50.95 1.22 0.00	47.74 1.04 0.00	45.43 0.94 0.00	39.34 0.82 0.00	36.99 0.84 0.00
V_CMP_10_SYNC_DSASP 323788	51.09 1.46 0.00	47.64 1.26 0.00	40.64 1.16 0.00	39.78 1.11 0.00	37.71 1.11 0.00	36.92 0.97 0.00	39.70 0.81 0.00	54.53 1.03 0.00	42.97 0.99 0.00	34.13 0.86 0.00	26.93 0.72 0.00	24.31 0.66 0.00	30.28 0.86 0.00	34.03 0.92 0.00	31.01 0.83 0.00	33.18 0.85 0.00	39.71 0.76 0.00	54.06 0.82 0.00	54.23 0.82 0.00	50.52 0.79 0.00	47.29 0.59 0.00	44.96 0.47 0.00	39.06 0.54 0.00	37.13 0.98 0.00
V_D_10_SYNC_DSASP 323841	51.20 1.57 0.00	47.80 1.41 0.00	40.67 1.19 0.00	39.80 1.13 0.00	37.72 1.12 0.00	36.89 0.95 0.00	39.90 1.00 0.00	55.00 1.50 0.00	43.13 1.16 0.00	34.06 0.79 0.00	26.91 0.70 0.00	24.28 0.63 0.00	30.29 0.86 0.00	34.09 0.98 0.00	31.11 0.93 0.00	33.34 1.01 0.00	40.19 1.25 0.00	55.04 1.80 0.00	55.36 1.95 0.00	51.51 1.78 0.00	48.26 1.56 0.00	45.92 1.43 0.00	39.76 1.25 0.00	37.39 1.24 0.00
V_E_10_SYNC_DSASP 323830	53.01 3.14 -0.24	49.40 2.78 -0.23	41.88 2.19 -0.21	41.31 2.36 -0.29	39.09 2.22 -0.28	38.43 2.30 -0.19	41.80 2.64 -0.27	57.70 3.90 -0.30	45.31 2.87 -0.47	35.50 1.90 -0.34	27.61 1.29 -0.10	24.83 1.17 0.00	30.60 1.17 0.00	34.43 1.29 -0.03	31.29 1.09 -0.02	33.75 1.27 -0.15	41.14 2.00 -0.20	56.95 3.65 -0.05	57.49 4.07 0.00	53.01 3.28 0.00	49.76 3.06 0.00	47.37 2.88 0.00	40.93 2.41 0.00	38.24 2.09 0.00

V_F_30_NSYNC___DSASP 323816	51.22 1.59 0.00	47.88 1.50 0.00	40.79 1.31 0.00	39.94 1.27 0.00	37.82 1.23 0.00	37.21 1.27 0.00	40.28 1.38 0.00	55.12 1.62 0.00	43.21 1.23 0.00	34.17 0.90 0.00	26.75 0.54 0.00	24.08 0.43 0.00	30.01 0.59 0.00	33.87 0.76 0.00	30.85 0.66 0.00	33.19 0.86 0.00	40.23 1.28 0.00	55.08 1.84 0.00	55.07 1.66 0.00	51.42 1.69 0.00	48.41 1.71 0.00	46.07 1.58 0.00	39.78 1.26 0.00	37.18 1.03 0.00
V_F_30_SYNC_DSASP 323786	49.71 0.08 0.00	46.48 0.10 0.00	39.59 0.11 0.00	38.76 0.10 0.00	36.70 0.11 0.00	36.14 0.20 0.00	39.07 0.18 0.00	53.48 -0.02 0.00	42.04 0.06 0.00	33.40 0.13 0.00	26.27 0.06 0.00	23.70 0.04 0.00	29.48 0.05 0.00	33.24 0.12 0.00	30.34 0.16 0.00	32.51 0.19 0.00	39.09 0.15 0.00	53.42 0.18 0.00	53.37 -0.04 0.00	49.84 0.11 0.00	46.91 0.22 0.00	44.65 0.16 0.00	38.59 0.08 0.00	36.15 0.00 0.00
V_XM_10_SYNC_DSASP 323789	51.09 1.46 0.00	47.64 1.26 0.00	40.64 1.16 0.00	39.78 1.11 0.00	37.71 1.11 0.00	36.92 0.97 0.00	39.70 0.81 0.00	54.53 1.03 0.00	42.97 0.99 0.00	34.13 0.86 0.00	26.93 0.72 0.00	24.31 0.66 0.00	30.28 0.86 0.00	34.03 0.92 0.00	31.01 0.83 0.00	33.18 0.85 0.00	39.71 0.76 0.00	54.06 0.82 0.00	54.23 0.82 0.00	50.52 0.79 0.00	47.29 0.59 0.00	44.96 0.47 0.00	39.06 0.54 0.00	37.13 0.98 0.00
W.BABYLN_69_KV_BK1 56697	51.16 1.53 0.00	48.17 1.78 0.00	40.89 1.41 0.00	40.07 1.39 0.00	37.78 1.19 0.00	36.93 0.99 0.00	39.91 1.01 0.00	54.72 1.25 0.03	43.47 1.49 0.00	34.78 1.51 0.00	27.64 1.43 0.00	24.82 1.17 0.00	31.02 1.59 0.00	34.85 1.74 0.00	31.82 1.64 0.00	33.67 1.35 0.00	40.17 1.23 0.00	54.85 1.61 0.00	52.79 1.10 1.72	48.18 0.99 2.54	47.77 1.07 0.00	39.54 0.58 5.54	39.17 0.83 0.17	37.24 1.09 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	51.29 1.66 0.00	47.97 1.59 0.00	40.68 1.20 0.00	39.81 1.14 0.00	37.64 1.05 0.00	37.17 1.23 0.00	40.17 1.27 0.00	55.33 1.83 0.00	43.63 1.65 0.00	34.88 1.61 0.00	27.52 1.31 0.00	24.90 1.24 0.00	30.93 1.51 0.00	34.76 1.65 0.00	31.68 1.49 0.00	33.79 1.47 0.00	40.35 1.41 0.00	54.89 1.65 0.00	54.97 1.56 0.00	51.19 1.46 0.00	47.93 1.24 0.00	45.54 1.05 0.00	39.50 0.98 0.00	37.10 0.94 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.33 1.69 0.00	48.02 1.63 0.00	40.72 1.25 0.00	39.84 1.17 0.00	37.66 1.07 0.00	37.18 1.24 0.00	40.18 1.28 0.00	55.30 1.79 0.00	43.65 1.67 0.00	34.94 1.67 0.00	27.57 1.36 0.00	24.96 1.31 0.00	31.01 1.58 0.00	34.84 1.72 0.00	31.77 1.58 0.00	33.83 1.51 0.00	40.32 1.38 0.00	54.84 1.59 0.00	54.93 1.52 0.00	51.14 1.41 0.00	47.84 1.15 0.00	45.45 0.96 0.00	39.41 0.89 0.00	37.06 0.90 0.00
W50THST__13_KV_LOAD 356117	51.52 1.89 0.00	48.19 1.81 0.00	40.86 1.38 0.00	39.97 1.30 0.00	37.78 1.19 0.00	37.31 1.37 0.00	40.32 1.43 0.00	55.50 2.00 0.00	43.81 1.83 0.00	35.08 1.81 0.00	27.71 1.50 0.00	25.10 1.45 0.00	31.17 1.75 0.00	35.01 1.90 0.00	31.93 1.75 0.00	34.00 1.67 0.00	40.49 1.55 0.00	55.06 1.82 0.00	55.17 1.76 0.00	51.35 1.62 0.00	48.03 1.33 0.00	45.60 1.11 0.00	39.53 1.02 0.00	37.17 1.02 0.00
WADING RIVER_IC_1 23522	50.08 0.45 0.00	47.39 1.01 0.00	40.10 0.62 0.00	39.49 0.82 0.00	37.17 0.58 0.00	36.28 0.34 0.00	39.55 0.66 0.00	54.20 0.74 0.04	43.08 1.10 0.00	34.00 0.73 0.00	27.00 0.78 0.00	24.25 0.60 0.00	30.58 1.16 0.00	34.35 1.23 0.00	31.44 1.26 0.00	33.31 0.98 0.00	39.79 0.85 0.00	54.25 1.01 0.00	51.15 -0.20 2.07	46.51 -0.16 3.06	46.85 0.16 0.00	37.47 -0.36 6.67	38.37 0.06 0.21	36.43 0.27 0.00
WADING RIVER_IC_2 23547	50.08 0.45 0.00	47.39 1.01 0.00	40.10 0.62 0.00	39.49 0.82 0.00	37.17 0.58 0.00	36.28 0.34 0.00	39.55 0.66 0.00	54.20 0.74 0.04	43.08 1.10 0.00	34.00 0.73 0.00	27.00 0.78 0.00	24.25 0.60 0.00	30.58 1.16 0.00	34.35 1.23 0.00	31.44 1.26 0.00	33.31 0.98 0.00	39.79 0.85 0.00	54.25 1.01 0.00	51.15 -0.20 2.07	46.51 -0.16 3.06	46.85 0.16 0.00	37.47 -0.36 6.67	38.37 0.06 0.21	36.43 0.27 0.00
WADING RIVER_IC_3 23601	50.08 0.45 0.00	47.39 1.01 0.00	40.10 0.62 0.00	39.49 0.82 0.00	37.17 0.58 0.00	36.28 0.34 0.00	39.55 0.66 0.00	54.20 0.74 0.04	43.08 1.10 0.00	34.00 0.73 0.00	27.00 0.78 0.00	24.25 0.60 0.00	30.58 1.16 0.00	34.35 1.23 0.00	31.44 1.26 0.00	33.31 0.98 0.00	39.79 0.85 0.00	54.25 1.01 0.00	51.15 -0.20 2.07	46.51 -0.16 3.06	46.85 0.16 0.00	37.47 -0.36 6.67	38.37 0.06 0.21	36.43 0.27 0.00
WALDENNY_12_KV_BK2 80841	49.59 -0.04 0.00	45.88 -0.51 0.00	38.83 -0.65 0.00	38.16 -0.51 0.00	36.35 -0.25 0.00	35.58 -0.36 0.00	38.50 -0.40 0.00	53.12 -0.38 0.00	41.30 -0.68 0.00	32.83 -0.44 0.00	26.11 -0.10 0.00	23.40 -0.25 0.00	29.19 -0.23 0.00	32.69 -0.43 0.00	29.77 -0.41 0.00	31.90 -0.43 0.00	38.30 -0.64 0.00	51.73 -1.51 0.00	52.43 -0.98 0.00	48.41 -1.32 0.00	44.92 -1.78 0.00	43.39 -1.10 0.00	37.89 -0.63 0.00	35.82 -0.33 0.00
WALDEN___HYDRO 24148	51.22 1.59 0.00	47.89 1.50 0.00	40.64 1.16 0.00	39.78 1.11 0.00	37.60 1.00 0.00	37.11 1.17 0.00	40.10 1.21 0.00	55.20 1.70 0.00	43.52 1.54 0.00	34.74 1.47 0.00	27.36 1.14 0.00	24.73 1.08 0.00	30.72 1.29 0.00	34.55 1.44 0.00	31.49 1.31 0.00	33.60 1.28 0.00	40.18 1.24 0.00	54.78 1.54 0.00	54.89 1.47 0.00	51.12 1.39 0.00	47.90 1.20 0.00	45.54 1.06 0.00	39.49 0.98 0.00	37.07 0.92 0.00
WARRENSBURG____ 23737	50.98 1.35 0.00	47.69 1.30 0.00	40.62 1.14 0.00	39.82 1.16 0.00	37.72 1.12 0.00	37.06 1.12 0.00	40.12 1.22 0.00	54.74 1.24 0.00	42.94 0.96 0.00	33.92 0.65 0.00	26.46 0.24 0.00	23.83 0.17 0.00	29.72 0.29 0.00	33.58 0.47 0.00	30.56 0.37 0.00	32.98 0.65 0.00	40.08 1.14 0.00	54.88 1.64 0.00	54.82 1.41 0.00	51.24 1.51 0.00	48.34 1.64 0.00	45.92 1.43 0.00	39.63 1.12 0.00	36.97 0.82 0.00
WATERSIDE____6 8 9 23538	51.23 1.60 0.00	47.93 1.54 0.00	40.65 1.17 0.00	39.76 1.09 0.00	37.61 1.01 0.00	37.18 1.24 0.00	40.18 1.28 0.00	55.31 1.81 0.00	43.64 1.67 0.00	34.98 1.71 0.00	27.63 1.42 0.00	25.01 1.35 0.00	31.05 1.62 0.00	34.87 1.76 0.00	31.80 1.62 0.00	33.86 1.54 0.00	40.33 1.39 0.00	54.85 1.60 0.00	54.98 1.57 0.00	51.18 1.45 0.00	47.84 1.14 0.00	45.45 0.97 0.00	39.42 0.90 0.00	37.07 0.92 0.00
WATKINRD_115KV_LN8_ILLION 55919	50.64 1.01 0.00	47.31 0.93 0.00	40.27 0.78 0.00	39.44 0.77 0.00	37.30 0.70 0.00	36.74 0.79 0.00	39.74 0.85 0.00	54.59 1.09 0.00	42.71 0.73 0.00	33.60 0.33 0.00	26.33 0.12 0.00	23.72 0.07 0.00	29.47 0.05 0.00	33.31 0.20 0.00	30.32 0.14 0.00	32.56 0.24 0.00	39.44 0.49 0.00	54.16 0.91 0.00	54.43 1.02 0.00	50.73 1.00 0.00	47.70 1.01 0.00	45.48 0.99 0.00	39.30 0.78 0.00	36.81 0.66 0.00

WDELAWARE___HYD 323627	50.63 1.00 0.00	47.35 0.96 0.00	40.20 0.72 0.00	39.34 0.67 0.00	37.17 0.58 0.00	36.67 0.73 0.00	39.66 0.76 0.00	54.62 1.12 0.00	43.04 1.06 0.00	34.23 0.95 0.00	26.88 0.67 0.00	24.31 0.66 0.00	30.08 0.66 0.00	33.08 -0.03 0.00	30.12 -0.06 0.00	32.16 -0.17 0.00	38.62 -0.33 0.00	52.74 -0.50 0.00	52.96 -0.45 0.00	49.34 -0.39 0.00	46.40 -0.29 0.00	45.17 0.68 0.00	39.13 0.62 0.00	36.69 0.54 0.00
WEST BABYLON___IC 23714	51.16 1.53 0.00	48.17 1.78 0.00	40.89 1.41 0.00	40.07 1.39 0.00	37.78 1.19 0.00	36.93 0.99 0.00	39.91 1.01 0.00	54.72 1.25 0.03	43.47 1.49 0.00	34.78 1.51 0.00	27.64 1.43 0.00	24.82 1.17 0.00	31.02 1.59 0.00	34.85 1.74 0.00	31.82 1.64 0.00	33.67 1.35 0.00	40.17 1.23 0.00	54.85 1.61 0.00	52.79 1.10 1.72	48.18 0.99 2.54	47.77 1.07 0.00	39.54 0.58 5.54	39.17 0.83 0.17	37.24 1.09 0.00
WEST CANADA___HYD 24049	49.66 0.03 0.00	46.43 0.05 0.00	39.52 0.04 0.00	38.71 0.04 0.00	36.63 0.04 0.00	36.00 0.06 0.00	38.96 0.07 0.00	53.55 0.05 0.00	42.02 0.04 0.00	33.30 0.03 0.00	26.20 -0.01 0.00	23.63 -0.02 0.00	29.40 -0.03 0.00	33.10 -0.01 0.00	30.18 -0.01 0.00	32.31 -0.01 0.00	38.94 0.00 0.00	53.23 -0.01 0.00	53.36 -0.05 0.00	49.71 -0.02 0.00	46.70 0.00 0.00	44.50 0.01 0.00	38.52 0.00 0.00	36.13 -0.03 0.00
WESTERN_NY_WIND 24143	50.16 0.52 0.00	46.46 0.07 0.00	39.34 -0.14 0.00	38.65 -0.02 0.00	36.82 0.23 0.00	36.06 0.12 0.00	39.08 0.19 0.00	53.88 0.38 0.00	41.92 -0.06 0.00	33.13 -0.14 0.00	26.18 -0.04 0.00	23.45 -0.21 0.00	29.22 -0.20 0.00	32.73 -0.38 0.00	29.81 -0.37 0.00	31.94 -0.39 0.00	38.55 -0.39 0.00	52.64 -0.61 0.00	53.58 0.17 0.00	49.59 -0.15 0.00	46.09 -0.61 0.00	44.38 -0.11 0.00	38.66 0.14 0.00	36.45 0.30 0.00
WESTOVER___LESR 323668	49.80 0.16 0.00	46.44 0.05 0.00	39.45 -0.03 0.00	38.73 0.06 0.00	36.63 0.04 0.00	36.02 0.08 0.00	38.95 0.06 0.00	53.72 0.22 0.00	42.01 0.03 0.00	33.31 0.04 0.00	26.25 0.04 0.00	23.70 0.05 0.00	29.38 -0.04 0.00	32.99 -0.13 0.00	30.05 -0.13 0.00	32.15 -0.18 0.00	38.80 -0.14 0.00	52.93 -0.31 0.00	53.30 -0.11 0.00	49.49 -0.24 0.00	46.35 -0.34 0.00	44.26 -0.23 0.00	38.33 -0.19 0.00	36.02 -0.13 0.00
WETHRSFD_WT_PWR 323626	49.34 -0.07 0.22	45.72 -0.45 0.21	38.72 -0.56 0.19	37.98 -0.42 0.27	36.13 -0.21 0.26	35.45 -0.31 0.17	38.31 -0.33 0.25	52.96 -0.26 0.28	40.91 -0.63 0.44	32.27 -0.69 0.31	25.71 -0.41 0.10	23.18 -0.47 0.00	28.87 -0.56 0.00	32.24 -0.85 0.03	29.37 -0.79 0.02	31.29 -0.90 0.14	37.73 -1.03 0.18	51.63 -1.56 0.05	52.43 -0.98 0.00	48.38 -1.35 0.00	44.94 -1.75 0.00	43.28 -1.21 0.00	37.70 -0.81 0.00	35.58 -0.57 0.00
WHAVSTOR_138KV_BK127 55557	51.00 1.37 0.00	47.70 1.32 0.00	40.46 0.98 0.00	39.60 0.93 0.00	37.43 0.84 0.00	36.96 1.02 0.00	39.94 1.04 0.00	54.99 1.49 0.00	43.37 1.39 0.00	34.68 1.41 0.00	27.37 1.16 0.00	24.76 1.10 0.00	30.75 1.33 0.00	34.56 1.45 0.00	31.50 1.31 0.00	33.59 1.26 0.00	40.08 1.14 0.00	54.50 1.26 0.00	54.57 1.16 0.00	50.82 1.09 0.00	47.60 0.90 0.00	45.24 0.75 0.00	39.25 0.73 0.00	36.87 0.72 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	51.00 1.37 0.00	47.70 1.32 0.00	40.46 0.98 0.00	39.60 0.93 0.00	37.43 0.84 0.00	36.96 1.02 0.00	39.94 1.04 0.00	54.99 1.49 0.00	43.37 1.39 0.00	34.68 1.41 0.00	27.37 1.16 0.00	24.76 1.10 0.00	30.75 1.33 0.00	34.56 1.45 0.00	31.50 1.31 0.00	33.59 1.26 0.00	40.08 1.14 0.00	54.50 1.26 0.00	54.57 1.16 0.00	50.82 1.09 0.00	47.60 0.90 0.00	45.24 0.75 0.00	39.25 0.73 0.00	36.87 0.72 0.00
WHITEHAL_115KV_TB1 80871	52.42 2.79 0.00	48.86 2.47 0.00	41.57 2.09 0.00	40.71 2.04 0.00	38.65 2.05 0.00	38.17 2.23 0.00	41.53 2.63 0.00	56.06 2.56 0.00	44.02 2.04 0.00	34.80 1.53 0.00	26.90 0.68 0.00	24.15 0.49 0.00	30.20 0.77 0.00	34.24 1.12 0.00	31.12 0.93 0.00	33.88 1.56 0.00	41.40 2.46 0.00	56.29 3.05 0.00	55.96 2.54 0.00	52.67 2.94 0.00	50.00 3.30 0.00	47.38 2.89 0.00	40.69 2.17 0.00	37.71 1.56 0.00
WHITEPLN_13_KV_LOAD 356215	51.48 1.85 0.00	48.16 1.77 0.00	40.85 1.37 0.00	40.00 1.33 0.00	37.80 1.20 0.00	37.30 1.36 0.00	40.32 1.42 0.00	55.48 1.98 0.00	43.80 1.82 0.00	35.02 1.75 0.00	27.64 1.43 0.00	24.99 1.33 0.00	31.04 1.61 0.00	34.89 1.78 0.00	31.82 1.63 0.00	33.94 1.61 0.00	40.51 1.57 0.00	55.13 1.89 0.00	55.22 1.81 0.00	51.41 1.68 0.00	48.14 1.44 0.00	45.74 1.25 0.00	39.66 1.14 0.00	37.24 1.09 0.00
WM_FLOYD_69_KV_BK2 356380	50.32 0.69 0.00	47.56 1.18 0.00	40.29 0.81 0.00	39.62 0.95 0.00	37.32 0.73 0.00	36.39 0.45 0.00	39.59 0.70 0.00	54.25 0.79 0.04	43.13 1.15 0.00	34.17 0.90 0.00	27.13 0.91 0.00	24.34 0.69 0.00	30.59 1.17 0.00	34.37 1.25 0.00	31.45 1.27 0.00	33.33 1.00 0.00	39.81 0.86 0.00	54.36 1.12 0.00	51.45 0.10 2.06	46.78 0.10 3.05	47.05 0.35 0.00	37.71 -0.13 6.64	38.53 0.22 0.20	36.58 0.43 0.00
WOODARD___115KV_TB2 355635	48.73 -0.90 0.00	45.51 -0.87 0.00	38.73 -0.75 0.00	37.97 -0.70 0.00	35.93 -0.66 0.00	35.32 -0.62 0.00	38.24 -0.66 0.00	52.68 -0.82 0.00	41.27 -0.71 0.00	32.66 -0.61 0.00	25.70 -0.52 0.00	23.19 -0.46 0.00	28.82 -0.60 0.00	32.42 -0.69 0.00	29.54 -0.64 0.00	31.65 -0.68 0.00	38.20 -0.74 0.00	52.31 -0.94 0.00	52.56 -0.85 0.00	48.87 -0.86 0.00	45.89 -0.81 0.00	43.76 -0.73 0.00	37.86 -0.66 0.00	35.52 -0.63 0.00
WOODMERE_69_KV_BK1 55827	51.40 1.77 0.00	48.24 1.85 0.00	40.91 1.43 0.00	40.07 1.39 0.00	37.80 1.21 0.00	37.10 1.16 0.00	40.06 1.16 0.00	55.00 1.50 0.00	43.58 1.60 0.00	34.91 1.64 0.00	27.71 1.50 0.00	24.95 1.30 0.00	31.09 1.67 0.00	34.94 1.83 0.00	31.92 1.74 0.00	33.85 1.53 0.00	40.38 1.44 0.00	55.04 1.80 0.00	54.92 1.50 0.00	51.10 1.37 0.00	48.00 1.30 0.00	45.42 0.93 0.00	39.53 1.02 0.00	37.31 1.16 0.00
YORK___WARBASSE 23770	51.29 1.66 0.00	47.98 1.59 0.00	40.68 1.20 0.00	39.78 1.11 0.00	37.63 1.03 0.00	37.21 1.27 0.00	40.24 1.34 0.00	55.48 1.99 0.00	43.78 1.80 0.00	35.07 1.80 0.00	27.73 1.52 0.00	25.08 1.43 0.00	31.13 1.71 0.00	34.97 1.86 0.00	31.91 1.73 0.00	33.98 1.65 0.00	40.49 1.55 0.00	55.04 1.80 0.00	55.20 1.79 0.00	51.39 1.67 0.00	48.07 1.37 0.00	45.69 1.20 0.00	39.62 1.10 0.00	37.24 1.09 0.00