

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

04/13/2025

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	66.20	47.72	34.57	40.26	40.46	47.86	53.29	55.86	47.32	38.48	34.81	42.53	35.22	36.56	34.10	33.44	40.24	39.71	37.91	55.37	161.15	49.01	44.16	43.32
24138	2.96	1.98	1.47	1.74	1.66	2.20	2.50	2.77	2.54	2.18	2.24	2.81	2.26	2.41	2.25	2.24	1.73	1.75	2.24	3.16	8.76	2.81	2.40	2.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	-2.14	-1.75	-2.35	-1.22	-15.71	-12.05	-0.67	0.00	0.00	-0.02	-0.01	-0.01
74TH STREET_GT_1	66.25	47.78	34.61	40.33	40.53	47.93	53.37	55.95	47.38	38.61	34.84	42.57	36.58	37.68	35.57	34.23	46.32	43.77	38.23	55.49	161.54	49.15	44.27	43.43
24260	3.01	2.04	1.51	1.81	1.74	2.27	2.57	2.85	2.61	2.24	2.27	2.85	2.32	2.47	2.29	2.29	1.76	1.81	2.32	3.29	9.16	2.93	2.50	2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-0.01	0.00	-3.45	-2.81	-3.79	-1.96	-21.76	-16.06	-0.91	0.00	0.00	-0.04	-0.01	-0.02
74TH STREET_GT_2	66.25	47.78	34.61	40.33	40.53	47.93	53.37	55.95	47.38	38.61	34.84	42.57	36.58	37.68	35.57	34.23	46.32	43.77	38.23	55.49	161.54	49.15	44.27	43.43
24261	3.01	2.04	1.51	1.81	1.74	2.27	2.57	2.85	2.61	2.24	2.27	2.85	2.32	2.47	2.29	2.29	1.76	1.81	2.32	3.29	9.16	2.93	2.50	2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-0.01	0.00	-3.45	-2.81	-3.79	-1.96	-21.76	-16.06	-0.91	0.00	0.00	-0.04	-0.01	-0.02
ADK HUDSON___FALLS	66.24	47.84	34.51	40.24	40.59	47.71	53.24	55.58	47.10	38.16	34.38	41.98	32.47	34.12	31.02	31.53	23.85	27.13	36.73	54.76	159.88	48.41	43.73	42.89
24011	3.00	2.10	1.41	1.72	1.79	2.05	2.44	2.48	2.33	2.00	1.81	2.26	1.66	1.71	1.54	1.55	1.05	1.23	1.74	2.56	7.49	2.22	1.98	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	66.79	48.21	34.75	40.55	40.91	48.07	53.66	55.99	47.50	38.48	34.63	42.28	32.68	34.29	31.19	31.69	23.98	27.25	36.84	54.93	160.61	48.69	44.02	43.14
23798	3.55	2.46	1.65	2.03	2.11	2.42	2.86	2.90	2.72	2.31	2.07	2.56	1.86	1.89	1.70	1.71	1.17	1.36	1.84	2.73	8.22	2.51	2.26	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	66.24	47.84	34.51	40.24	40.59	47.71	53.24	55.58	47.10	38.16	34.38	41.98	32.47	34.12	31.02	31.53	23.85	27.13	36.73	54.76	159.88	48.41	43.73	42.89
24028	3.00	2.10	1.41	1.72	1.79	2.05	2.44	2.48	2.33	2.00	1.81	2.26	1.66	1.71	1.54	1.55	1.05	1.23	1.74	2.56	7.49	2.22	1.98	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	64.64	46.84	33.89	39.52	39.80	46.75	52.14	54.46	46.25	37.57	33.94	41.50	32.15	34.05	31.03	31.50	23.79	27.01	36.39	53.85	156.53	47.22	42.81	41.95
23527	1.40	1.10	0.79	1.00	1.00	1.09	1.34	1.37	1.47	1.40	1.37	1.78	1.34	1.64	1.54	1.52	0.99	1.11	1.39	1.64	4.14	1.03	1.06	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	63.00	45.65	33.14	38.55	38.82	45.57	50.73	53.05	44.95	36.53	33.01	40.29	31.35	33.06	30.11	30.61	23.22	26.30	35.45	52.52	152.89	46.26	41.86	41.01
24190	-0.24	-0.09	0.04	0.03	0.02	-0.10	-0.06	-0.04	0.17	0.37	0.44	0.57	0.54	0.65	0.62	0.63	0.42	0.40	0.45	0.31	0.51	0.08	0.10	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	64.27	46.57	33.66	39.11	39.44	46.38	51.40	53.74	45.29	36.56	32.73	39.84	30.85	32.38	29.41	29.94	22.85	26.02	35.16	52.55	153.49	46.31	41.89	41.11
355683	1.03	0.82	0.56	0.59	0.63	0.72	0.60	0.65	0.51	0.39	0.16	0.12	0.04	-0.03	-0.07	-0.05	0.04	0.12	0.16	0.34	1.11	0.13	0.13	0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	64.34	46.62	33.79	39.34	39.61	46.53	51.80	54.15	45.79	37.06	33.50	40.83	31.71	33.39	30.41	30.95	23.38	26.45	35.93	53.54	155.93	47.19	42.66	41.83
323833	1.10	0.87	0.69	0.82	0.81	0.86	1.00	1.06	1.01	0.90	0.93	1.11	0.89	0.99	0.92	0.97	0.57	0.55	0.93	1.33	3.55	1.00	0.91	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	64.33	46.60	33.78	39.33	39.59	46.52	51.79	54.13	45.78	37.05	33.48	40.81	31.70	33.39	30.40	30.95	23.37	26.45	35.92	53.54	155.91	47.18	42.66	41.81
323834	1.09	0.85	0.69	0.80	0.80	0.86	0.99	1.04	1.01	0.89	0.92	1.09	0.89	0.99	0.92	0.96	0.57	0.55	0.92	1.33	3.53	0.99	0.90	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	63.00	45.65	33.14	38.55	38.82	45.57	50.73	53.05	44.95	36.53	33.01	40.29	31.35	33.06	30.11	30.61	23.22	26.30	35.45	52.52	152.89	46.26	41.86	41.01
23571	-0.24	-0.09	0.04	0.03	0.02	-0.10	-0.06	-0.04	0.17	0.37	0.44	0.57	0.54	0.65	0.62	0.63	0.42	0.40	0.45	0.31	0.51	0.08	0.10	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	63.00 -0.24 0.00	45.65 -0.09 0.00	33.14 0.04 0.00	38.55 0.03 0.00	38.82 0.02 0.00	45.57 -0.10 0.00	50.73 -0.06 0.00	53.05 -0.04 0.00	44.95 0.17 0.00	36.53 0.37 0.00	33.01 0.44 0.00	40.29 0.57 0.00	31.35 0.54 0.00	33.06 0.65 0.00	30.11 0.62 0.00	30.61 0.63 0.00	23.22 0.42 0.00	26.30 0.40 0.00	35.45 0.45 0.00	52.52 0.31 0.00	152.89 0.51 0.00	46.26 0.08 0.00	41.86 0.10 0.00	41.01 0.03 0.00
ALBANY___3 23573	63.00 -0.24 0.00	45.65 -0.09 0.00	33.14 0.04 0.00	38.55 0.03 0.00	38.82 0.02 0.00	45.57 -0.10 0.00	50.73 -0.06 0.00	53.05 -0.04 0.00	44.95 0.17 0.00	36.53 0.37 0.00	33.01 0.44 0.00	40.29 0.57 0.00	31.35 0.54 0.00	33.06 0.65 0.00	30.11 0.62 0.00	30.61 0.63 0.00	23.22 0.42 0.00	26.30 0.40 0.00	35.45 0.45 0.00	52.52 0.31 0.00	152.89 0.51 0.00	46.26 0.08 0.00	41.86 0.10 0.00	41.01 0.03 0.00
ALBANY___4 23574	63.00 -0.24 0.00	45.65 -0.09 0.00	33.14 0.04 0.00	38.55 0.03 0.00	38.82 0.02 0.00	45.57 -0.10 0.00	50.73 -0.06 0.00	53.05 -0.04 0.00	44.95 0.17 0.00	36.53 0.37 0.00	33.01 0.44 0.00	40.29 0.57 0.00	31.35 0.54 0.00	33.06 0.65 0.00	30.11 0.62 0.00	30.61 0.63 0.00	23.22 0.42 0.00	26.30 0.40 0.00	35.45 0.45 0.00	52.52 0.31 0.00	152.89 0.51 0.00	46.26 0.08 0.00	41.86 0.10 0.00	41.01 0.03 0.00
ALBANY___LFGE 323615	63.66 0.42 0.00	46.11 0.36 0.00	33.46 0.36 0.00	38.93 0.41 0.00	39.19 0.40 0.00	46.03 0.37 0.00	51.27 0.47 0.00	53.61 0.52 0.00	45.41 0.63 0.00	36.90 0.73 0.00	33.33 0.77 0.00	40.70 0.97 0.00	31.64 0.82 0.00	33.36 0.96 0.00	30.39 0.91 0.00	30.90 0.91 0.00	23.43 0.63 0.00	26.55 0.65 0.00	35.83 0.82 0.00	53.10 0.89 0.00	154.57 2.18 0.00	46.76 0.57 0.00	42.29 0.54 0.00	41.43 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	64.74 1.49 0.00	46.84 1.10 0.00	33.85 0.75 0.00	39.33 0.81 0.00	39.66 0.86 0.00	46.65 0.99 0.00	51.51 0.71 0.00	54.07 0.97 0.00	45.54 0.76 0.00	36.73 0.57 0.00	32.85 0.29 0.00	39.97 0.25 0.00	30.94 0.12 0.00	32.45 0.05 0.00	29.47 -0.02 0.00	30.00 0.01 0.00	22.91 0.11 0.00	26.11 0.21 0.00	35.31 0.31 0.00	52.82 0.61 0.00	154.35 1.96 0.00	46.74 0.56 0.00	42.27 0.51 0.00	41.49 0.51 0.00
ALCOA_RYNLDS___DRP 24188	64.74 1.49 0.00	46.84 1.10 0.00	33.85 0.75 0.00	39.33 0.81 0.00	39.66 0.86 0.00	46.65 0.99 0.00	51.51 0.71 0.00	54.07 0.97 0.00	45.54 0.76 0.00	36.73 0.57 0.00	32.85 0.29 0.00	39.97 0.25 0.00	30.94 0.12 0.00	32.45 0.05 0.00	29.47 -0.02 0.00	30.00 0.01 0.00	22.91 0.11 0.00	26.11 0.21 0.00	35.31 0.31 0.00	52.82 0.61 0.00	154.35 1.96 0.00	46.74 0.56 0.00	42.27 0.51 0.00	41.49 0.51 0.00
ALCOA___DSASP 323711	64.74 1.49 0.00	46.84 1.10 0.00	33.85 0.75 0.00	39.33 0.81 0.00	39.66 0.86 0.00	46.65 0.98 0.00	51.51 0.71 0.00	54.07 0.97 0.00	45.54 0.76 0.00	36.73 0.57 0.00	32.85 0.29 0.00	39.97 0.25 0.00	30.94 0.12 0.00	32.45 0.05 0.00	29.47 -0.02 0.00	30.00 0.01 0.00	22.91 0.11 0.00	26.11 0.21 0.00	35.31 0.30 0.00	52.82 0.61 0.00	154.34 1.96 0.00	46.74 0.56 0.00	42.27 0.51 0.00	41.49 0.51 0.00
ALLEGHENY___COGEN 23514	63.92 0.68 0.00	45.96 0.21 0.00	33.27 0.17 0.00	38.78 0.25 0.00	39.17 0.37 0.00	46.04 0.37 0.00	51.44 0.64 0.00	53.28 0.19 0.00	44.29 -0.49 0.00	34.48 -1.69 0.00	30.76 -1.80 0.00	37.52 -2.20 0.00	29.18 -1.64 0.00	30.53 -1.88 0.00	27.83 -1.66 0.00	28.32 -1.66 0.00	21.70 -1.10 0.00	24.69 -1.21 0.00	33.53 -1.48 0.00	51.55 -0.65 0.00	152.87 0.48 0.00	46.66 0.47 0.00	42.71 0.96 0.00	41.93 0.95 0.00
ALTAMONT_115KV_TB 2 55880	63.87 0.63 0.00	46.24 0.50 0.00	33.51 0.41 0.00	39.00 0.48 0.00	39.26 0.47 0.00	46.19 0.53 0.00	51.40 0.60 0.00	53.75 0.66 0.00	45.46 0.68 0.00	36.83 0.67 0.00	33.28 0.71 0.00	40.63 0.91 0.00	31.56 0.74 0.00	33.26 0.85 0.00	30.29 0.80 0.00	30.80 0.81 0.00	23.34 0.54 0.00	26.46 0.56 0.00	35.71 0.71 0.00	53.10 0.90 0.00	154.67 2.28 0.00	46.86 0.68 0.00	42.35 0.60 0.00	41.54 0.56 0.00
ALTONA_WT_PWR 323606	65.22 1.98 0.00	47.30 1.56 0.00	34.22 1.12 0.00	39.67 1.15 0.00	39.99 1.19 0.00	47.07 1.41 0.00	52.20 1.40 0.00	54.52 1.42 0.00	46.07 1.30 0.00	37.14 0.98 0.00	33.18 0.62 0.00	40.27 0.55 0.00	31.07 0.26 0.00	32.59 0.18 0.00	29.47 -0.01 0.00	29.88 -0.10 0.00	22.86 0.06 0.00	26.11 0.21 0.00	35.49 0.48 0.00	53.17 0.96 0.00	155.63 3.25 0.00	46.96 0.77 0.00	42.08 0.32 0.00	41.10 0.12 0.00
AMERICAN_REF_FUEL 24010	58.72 -4.52 0.00	42.33 -3.41 0.00	30.63 -2.46 0.00	35.64 -2.88 0.00	36.09 -2.71 0.00	42.36 -3.30 0.00	47.32 -3.47 0.00	48.63 -4.46 0.00	40.61 -4.17 0.00	32.39 -3.77 0.00	28.83 -3.73 0.00	35.28 -4.45 0.00	27.46 -3.35 0.00	28.66 -3.74 0.00	26.13 -3.36 0.00	26.73 -3.26 0.00	20.56 -2.24 0.00	23.00 -2.90 0.00	30.67 -4.33 0.00	46.01 -6.20 0.00	135.30 -17.09 0.00	41.55 -4.64 0.00	38.73 -3.02 0.00	38.11 -2.87 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	62.28 -0.95 0.00	44.66 -1.08 0.00	32.41 -0.68 0.00	37.74 -0.78 0.00	38.06 -0.74 0.00	44.53 -1.14 0.00	49.88 -0.92 0.00	51.76 -1.34 0.00	43.16 -1.62 0.00	34.41 -1.76 0.00	30.99 -1.58 0.00	37.86 -1.86 0.00	29.41 -1.41 0.00	30.64 -1.77 0.00	27.94 -1.55 0.00	28.45 -1.54 0.00	21.86 -0.94 0.00	24.76 -1.14 0.00	33.23 -1.77 0.00	50.13 -2.08 0.00	148.08 -4.30 0.00	45.07 -1.12 0.00	41.52 -0.23 0.00	40.86 -0.12 0.00
ARTHUR KILL_GT_1 23520	65.90 2.66 0.00	52.51 2.05 -4.72	51.16 1.55 -16.51	50.89 1.84 -10.53	50.90 1.78 -10.33	51.24 2.29 -3.29	55.33 2.50 -2.04	57.71 2.76 -1.86	53.28 2.54 -5.96	52.04 2.20 -13.68	52.03 2.25 -17.21	52.04 2.77 -9.55	52.03 2.25 -18.96	52.02 2.39 -17.23	52.01 2.22 -20.31	52.02 2.26 -19.78	52.09 1.59 -27.69	52.91 1.63 -25.38	55.20 2.26 -17.94	57.58 3.13 -2.24	178.64 8.25 -18.00	60.21 2.86 -11.17	59.63 2.50 -15.37	52.16 2.46 -8.71
ARTHUR_KILL_2 23512	65.73 2.49 0.00	52.38 1.92 -4.72	51.08 1.47 -16.51	50.79 1.74 -10.53	50.79 1.67 -10.33	51.12 2.17 -3.29	55.18 2.35 -2.04	57.57 2.62 -1.86	53.15 2.42 -5.96	51.95 2.11 -13.68	51.95 2.18 -17.21	51.95 2.68 -9.55	51.95 2.18 -18.96	51.95 2.32 -17.23	51.95 2.16 -20.31	51.95 2.19 -19.78	52.03 1.53 -27.69	52.83 1.55 -25.38	55.10 2.16 -17.94	57.43 2.98 -2.24	178.16 7.78 -18.00	60.07 2.72 -11.17	59.50 2.37 -15.37	52.03 2.34 -8.71
ARTHUR_KILL_3 23513	65.54 2.29 0.00	51.96 1.50 -4.72	50.74 1.12 -16.52	50.43 1.37 -10.54	50.41 1.28 -10.33	50.74 1.79 -3.29	54.88 2.05 -2.04	57.25 2.31 -1.85	52.86 2.13 -5.96	51.66 1.81 -13.69	51.64 1.87 -17.21	51.64 2.35 -9.56	51.42 1.96 -18.64	51.53 2.09 -17.04	51.57 1.95 -20.14	51.58 1.94 -19.66	51.97 1.49 -27.68	52.78 1.51 -25.38	54.84 1.89 -17.95	57.12 2.67 -2.24	163.95 7.27 -4.29	58.80 2.36 -10.26	57.23 1.98 -13.49	51.82 1.95 -8.89

ARTHUR_KILL_COGEN 323718	65.90 2.66 0.00	52.51 2.05 -4.72	51.16 1.55 -16.51	50.89 1.84 -10.53	50.90 1.78 -10.33	51.24 2.29 -3.29	55.33 2.50 -2.04	57.71 2.76 -1.86	53.28 2.54 -5.96	52.04 2.20 -13.68	52.03 2.25 -17.21	52.04 2.77 -9.55	52.03 2.25 -18.96	52.02 2.39 -17.23	52.01 2.22 -20.31	52.02 2.26 -19.78	52.09 1.59 -27.69	52.91 1.63 -25.38	55.20 2.26 -17.94	57.58 3.13 -2.24	178.64 8.25 -18.00	60.21 2.86 -11.17	59.63 2.50 -15.37	52.16 2.46 -8.71
ASHOKAN____ 23654	65.89 2.65 0.00	47.59 1.85 0.00	34.47 1.37 0.00	40.12 1.60 0.00	40.40 1.60 0.00	47.58 1.92 0.00	53.04 2.24 0.00	55.58 2.49 0.00	46.97 2.19 0.00	37.99 1.82 0.00	34.33 1.76 0.00	41.86 2.15 0.00	32.55 1.74 0.00	34.26 1.85 0.00	31.24 1.75 0.00	31.79 1.81 0.00	24.19 1.38 0.00	27.24 1.35 0.00	36.77 1.77 0.00	54.99 2.78 0.00	160.39 8.01 0.00	48.59 2.40 0.00	43.75 2.00 0.00	42.83 1.85 0.00
ASTORIA_EAST_ENERGY_CC1 323581	66.18 2.94 0.00	47.78 2.03 -0.01	34.53 1.43 0.00	40.22 1.70 0.00	40.42 1.62 0.00	47.79 2.13 0.00	53.07 2.28 0.01	55.67 2.55 -0.03	47.19 2.42 0.00	38.42 2.09 -0.17	34.70 2.13 0.00	42.39 2.67 0.00	35.84 2.20 -2.82	37.06 2.35 -2.30	34.79 2.21 -3.10	33.78 2.20 -1.60	43.35 1.66 -18.89	41.74 1.68 -14.16	37.98 2.18 -0.80	55.27 3.06 0.00	161.33 8.41 -0.53	48.93 2.72 -0.03	44.09 2.33 0.00	43.26 2.27 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	66.18 2.94 0.00	47.78 2.03 -0.01	34.53 1.43 0.00	40.22 1.70 0.00	40.42 1.62 0.00	47.79 2.13 0.00	53.07 2.28 0.01	55.67 2.55 -0.03	47.19 2.42 0.00	38.42 2.09 -0.17	34.70 2.13 0.00	42.39 2.67 0.00	35.84 2.20 -2.82	37.06 2.35 -2.30	34.79 2.21 -3.10	33.78 2.20 -1.60	43.35 1.66 -18.89	41.74 1.68 -14.16	37.98 2.18 -0.80	55.27 3.06 0.00	161.33 8.41 -0.53	48.93 2.72 -0.03	44.09 2.33 0.00	43.26 2.27 -0.01
ASTORIA_GT2_1 24094	66.18 2.93 0.00	47.78 2.03 -0.01	34.53 1.43 0.00	40.22 1.70 0.00	40.43 1.62 0.00	47.78 2.12 0.00	53.07 2.28 0.00	55.70 2.59 -0.03	47.19 2.41 0.00	38.43 2.09 -0.17	34.71 2.13 -0.01	42.39 2.67 0.00	35.85 2.20 -2.83	37.06 2.35 -2.30	34.79 2.21 -3.10	33.79 2.20 -1.60	43.35 1.66 -18.89	41.74 1.68 -14.16	37.98 2.18 -0.80	55.27 3.06 0.00	161.34 8.42 -0.54	48.93 2.72 -0.03	44.10 2.33 -0.01	43.26 2.27 -0.02
ASTORIA_GT2_2 24095	66.18 2.93 0.00	47.78 2.03 -0.01	34.53 1.43 0.00	40.22 1.70 0.00	40.43 1.62 0.00	47.78 2.12 0.00	53.07 2.28 0.00	55.70 2.59 -0.03	47.19 2.41 0.00	38.43 2.09 -0.17	34.71 2.13 -0.01	42.39 2.67 0.00	35.85 2.20 -2.83	37.06 2.35 -2.30	34.79 2.21 -3.10	33.79 2.20 -1.60	43.35 1.66 -18.89	41.74 1.68 -14.16	37.98 2.18 -0.80	55.27 3.06 0.00	161.34 8.42 -0.54	48.93 2.72 -0.03	44.10 2.33 -0.01	43.26 2.27 -0.02
ASTORIA_GT2_3 24096	66.18 2.93 0.00	47.78 2.03 -0.01	34.53 1.43 0.00	40.22 1.70 0.00	40.43 1.62 0.00	47.78 2.12 0.00	53.07 2.28 0.00	55.70 2.59 -0.03	47.19 2.41 0.00	38.43 2.09 -0.17	34.71 2.13 -0.01	42.39 2.67 0.00	35.85 2.20 -2.83	37.06 2.35 -2.30	34.79 2.21 -3.10	33.79 2.20 -1.60	43.35 1.66 -18.89	41.74 1.68 -14.16	37.98 2.18 -0.80	55.27 3.06 0.00	161.34 8.42 -0.54	48.93 2.72 -0.03	44.10 2.33 -0.01	43.26 2.27 -0.02
ASTORIA_GT2_4 24097	66.18 2.93 0.00	47.78 2.03 -0.01	34.53 1.43 0.00	40.22 1.70 0.00	40.43 1.62 0.00	47.78 2.12 0.00	53.07 2.28 0.00	55.70 2.59 -0.03	47.19 2.41 0.00	38.43 2.09 -0.17	34.71 2.13 -0.01	42.39 2.67 0.00	35.85 2.20 -2.83	37.06 2.35 -2.30	34.79 2.21 -3.10	33.79 2.20 -1.60	43.35 1.66 -18.89	41.74 1.68 -14.16	37.98 2.18 -0.80	55.27 3.06 0.00	161.34 8.42 -0.54	48.93 2.72 -0.03	44.10 2.33 -0.01	43.26 2.27 -0.02
ASTORIA_GT3_1 24098	66.18 2.93 0.00	47.78 2.03 -0.01	34.53 1.43 0.00	40.22 1.70 0.00	40.43 1.62 0.00	47.78 2.12 0.00	53.07 2.28 0.00	55.70 2.59 -0.03	47.19 2.41 0.00	38.43 2.09 -0.17	34.71 2.13 -0.01	42.39 2.67 0.00	35.85 2.20 -2.83	37.06 2.35 -2.30	34.79 2.21 -3.10	33.79 2.20 -1.60	43.35 1.66 -18.89	41.74 1.68 -14.16	37.98 2.18 -0.80	55.27 3.06 0.00	161.34 8.42 -0.54	48.93 2.72 -0.03	44.10 2.33 -0.01	43.26 2.27 -0.02
ASTORIA_GT3_2 24099	66.18 2.93 0.00	47.78 2.03 -0.01	34.53 1.43 0.00	40.22 1.70 0.00	40.43 1.62 0.00	47.78 2.12 0.00	53.07 2.28 0.00	55.70 2.59 -0.03	47.19 2.41 0.00	38.43 2.09 -0.17	34.71 2.13 -0.01	42.39 2.67 0.00	35.85 2.20 -2.83	37.06 2.35 -2.30	34.79 2.21 -3.10	33.79 2.20 -1.60	43.35 1.66 -18.89	41.74 1.68 -14.16	37.98 2.18 -0.80	55.27 3.06 0.00	161.34 8.42 -0.54	48.93 2.72 -0.03	44.10 2.33 -0.01	43.26 2.27 -0.02
ASTORIA_GT3_3 24100	66.18 2.93 0.00	47.78 2.03 -0.01	34.53 1.43 0.00	40.22 1.70 0.00	40.43 1.62 0.00	47.78 2.12 0.00	53.07 2.28 0.00	55.70 2.59 -0.03	47.19 2.41 0.00	38.43 2.09 -0.17	34.71 2.13 -0.01	42.39 2.67 0.00	35.85 2.20 -2.83	37.06 2.35 -2.30	34.79 2.21 -3.10	33.79 2.20 -1.60	43.35 1.66 -18.89	41.74 1.68 -14.16	37.98 2.18 -0.80	55.27 3.06 0.00	161.34 8.42 -0.54	48.93 2.72 -0.03	44.10 2.33 -0.01	43.26 2.27 -0.02
ASTORIA_GT3_4 24101	66.18 2.93 0.00	47.78 2.03 -0.01	34.53 1.43 0.00	40.22 1.70 0.00	40.43 1.62 0.00	47.78 2.12 0.00	53.07 2.28 0.00	55.70 2.59 -0.03	47.19 2.41 0.00	38.43 2.09 -0.17	34.71 2.13 -0.01	42.39 2.67 0.00	35.85 2.20 -2.83	37.06 2.35 -2.30	34.79 2.21 -3.10	33.79 2.20 -1.60	43.35 1.66 -18.89	41.74 1.68 -14.16	37.98 2.18 -0.80	55.27 3.06 0.00	161.34 8.42 -0.54	48.93 2.72 -0.03	44.10 2.33 -0.01	43.26 2.27 -0.02
ASTORIA_GT4_1 24102	66.18 2.93 0.00	47.78 2.03 -0.01	34.53 1.43 0.00	40.22 1.70 0.00	40.43 1.62 0.00	47.78 2.12 0.00	53.07 2.28 0.00	55.70 2.59 -0.03	47.19 2.41 0.00	38.43 2.09 -0.17	34.71 2.13 -0.01	42.39 2.67 0.00	35.85 2.20 -2.83	37.06 2.35 -2.30	34.79 2.21 -3.10	33.79 2.20 -1.60	43.35 1.66 -18.89	41.74 1.68 -14.16	37.98 2.18 -0.80	55.27 3.06 0.00	161.34 8.42 -0.54	48.93 2.72 -0.03	44.10 2.33 -0.01	43.26 2.27 -0.02
ASTORIA_GT4_2 24103	66.18 2.93 0.00	47.78 2.03 -0.01	34.53 1.43 0.00	40.22 1.70 0.00	40.43 1.62 0.00	47.78 2.12 0.00	53.07 2.28 0.00	55.70 2.59 -0.03	47.19 2.41 0.00	38.43 2.09 -0.17	34.71 2.13 -0.01	42.39 2.67 0.00	35.85 2.20 -2.83	37.06 2.35 -2.30	34.79 2.21 -3.10	33.79 2.20 -1.60	43.35 1.66 -18.89	41.74 1.68 -14.16	37.98 2.18 -0.80	55.27 3.06 0.00	161.34 8.42 -0.54	48.93 2.72 -0.03	44.10 2.33 -0.01	43.26 2.27 -0.02
ASTORIA_GT4_3 24104	66.18 2.93 0.00	47.78 2.03 -0.01	34.53 1.43 0.00	40.22 1.70 0.00	40.43 1.62 0.00	47.78 2.12 0.00	53.07 2.28 0.00	55.70 2.59 -0.03	47.19 2.41 0.00	38.43 2.09 -0.17	34.71 2.13 -0.01	42.39 2.67 0.00	35.85 2.20 -2.83	37.06 2.35 -2.30	34.79 2.21 -3.10	33.79 2.20 -1.60	43.35 1.66 -18.89	41.74 1.68 -14.16	37.98 2.18 -0.80	55.27 3.06 0.00	161.34 8.42 -0.54	48.93 2.72 -0.03	44.10 2.33 -0.01	43.26 2.27 -0.02

ASTORIA_GT4_4 24105	66.18 2.93 0.00	47.78 2.03 -0.01	34.53 1.43 0.00	40.22 1.70 0.00	40.43 1.62 0.00	47.78 2.12 0.00	53.07 2.28 0.00	55.70 2.59 -0.03	47.19 2.41 0.00	38.43 2.09 -0.17	34.71 2.13 -0.01	42.39 2.67 0.00	35.85 2.20 -2.83	37.06 2.35 -2.30	34.79 2.21 -3.10	33.79 2.20 -1.60	43.35 1.66 -18.89	41.74 1.68 -14.16	37.98 2.18 -0.80	55.27 3.06 0.00	161.34 8.42 -0.54	48.93 2.72 -0.03	44.10 2.33 -0.01	43.26 2.27 -0.02
ASTORIA_GT_1 23523	66.27 3.03 0.00	47.85 2.10 -0.01	34.57 1.47 0.00	40.26 1.74 0.00	40.46 1.67 0.00	47.84 2.18 0.00	53.12 2.33 0.01	55.74 2.62 -0.03	47.25 2.48 0.00	38.46 2.13 -0.17	34.75 2.18 0.00	42.44 2.72 0.00	35.88 2.24 -2.82	37.10 2.40 -2.30	34.83 2.25 -3.10	33.82 2.24 -1.60	43.38 1.69 -18.89	41.77 1.72 -14.16	38.02 2.22 -0.80	55.33 3.13 0.00	161.51 8.59 -0.53	48.99 2.78 -0.03	44.15 2.39 0.00	43.33 2.34 -0.01
ASTORIA_GT_10 24110	66.03 2.79 0.00	47.67 1.93 -0.01	34.53 1.43 0.00	40.21 1.69 0.00	40.42 1.62 0.00	47.78 2.12 0.00	53.15 2.35 0.00	55.74 2.64 0.00	47.21 2.44 0.00	38.50 2.13 -0.21	34.76 2.18 -0.01	42.45 2.73 0.00	36.48 2.22 -3.45	37.58 2.37 -2.81	35.49 2.21 -3.79	34.15 2.21 -1.96	46.24 1.67 -21.76	43.66 1.70 -16.06	38.09 2.18 -0.91	55.26 3.05 0.00	160.68 8.29 0.00	48.96 2.74 -0.04	44.13 2.36 -0.01	43.29 2.30 -0.02
ASTORIA_GT_11 24225	66.03 2.79 0.00	47.67 1.93 -0.01	34.53 1.43 0.00	40.21 1.69 0.00	40.42 1.62 0.00	47.78 2.12 0.00	53.15 2.35 0.00	55.74 2.64 0.00	47.21 2.44 0.00	38.50 2.13 -0.21	34.76 2.18 -0.01	42.45 2.73 0.00	36.48 2.22 -3.45	37.58 2.37 -2.81	35.49 2.21 -3.79	34.15 2.21 -1.96	46.24 1.67 -21.76	43.66 1.70 -16.06	38.09 2.18 -0.91	55.26 3.05 0.00	160.68 8.29 0.00	48.96 2.74 -0.04	44.13 2.36 -0.01	43.29 2.30 -0.02
ASTORIA_GT_12 24226	66.03 2.79 0.00	47.67 1.93 -0.01	34.53 1.43 0.00	40.21 1.69 0.00	40.42 1.62 0.00	47.78 2.12 0.00	53.15 2.35 0.00	55.74 2.64 0.00	47.21 2.44 0.00	38.50 2.13 -0.21	34.76 2.18 -0.01	42.45 2.73 0.00	36.48 2.22 -3.45	37.58 2.37 -2.81	35.49 2.21 -3.79	34.15 2.21 -1.96	46.24 1.67 -21.76	43.66 1.70 -16.06	38.09 2.18 -0.91	55.26 3.05 0.00	160.68 8.29 0.00	48.96 2.74 -0.04	44.13 2.36 -0.01	43.29 2.30 -0.02
ASTORIA_GT_13 24227	66.03 2.79 0.00	47.67 1.93 -0.01	34.53 1.43 0.00	40.21 1.69 0.00	40.42 1.62 0.00	47.78 2.12 0.00	53.15 2.35 0.00	55.74 2.64 0.00	47.21 2.44 0.00	38.50 2.13 -0.21	34.76 2.18 -0.01	42.45 2.73 0.00	36.48 2.22 -3.45	37.58 2.37 -2.81	35.49 2.21 -3.79	34.15 2.21 -1.96	46.24 1.67 -21.76	43.66 1.70 -16.06	38.09 2.18 -0.91	55.26 3.05 0.00	160.68 8.29 0.00	48.96 2.74 -0.04	44.13 2.36 -0.01	43.29 2.30 -0.02
ASTORIA_GT_5 24106	66.27 3.03 0.00	47.85 2.10 -0.01	34.57 1.47 0.00	40.26 1.74 0.00	40.47 1.67 0.00	47.84 2.18 0.00	53.12 2.33 0.00	55.77 2.66 -0.03	47.25 2.47 0.00	38.47 2.13 -0.17	34.76 2.18 -0.01	42.45 2.72 0.00	35.88 2.24 -2.83	37.10 2.39 -2.30	34.83 2.25 -3.10	33.82 2.24 -1.60	43.38 1.69 -18.89	41.77 1.72 -14.16	38.02 2.22 -0.80	55.34 3.13 0.00	161.62 8.70 -0.54	49.00 2.78 -0.03	44.15 2.39 -0.01	43.33 2.33 -0.02
ASTORIA_GT_7 24107	66.27 3.03 0.00	47.85 2.10 -0.01	34.57 1.47 0.00	40.26 1.74 0.00	40.47 1.67 0.00	47.84 2.18 0.00	53.12 2.33 0.00	55.77 2.66 -0.03	47.25 2.47 0.00	38.47 2.13 -0.17	34.76 2.18 -0.01	42.45 2.72 0.00	35.88 2.24 -2.83	37.10 2.39 -2.30	34.83 2.25 -3.10	33.82 2.24 -1.60	43.38 1.69 -18.89	41.77 1.72 -14.16	38.02 2.22 -0.80	55.34 3.13 0.00	161.62 8.70 -0.54	49.00 2.78 -0.03	44.15 2.39 -0.01	43.33 2.33 -0.02
ASTORIA_GT_8 24108	66.27 3.03 0.00	47.85 2.10 -0.01	34.57 1.47 0.00	40.26 1.74 0.00	40.47 1.67 0.00	47.84 2.18 0.00	53.12 2.33 0.00	55.77 2.66 -0.03	47.25 2.47 0.00	38.47 2.13 -0.17	34.76 2.18 -0.01	42.45 2.72 0.00	35.88 2.24 -2.83	37.10 2.39 -2.30	34.83 2.25 -3.10	33.82 2.24 -1.60	43.38 1.69 -18.89	41.77 1.72 -14.16	38.02 2.22 -0.80	55.34 3.13 0.00	161.62 8.70 -0.54	49.00 2.78 -0.03	44.15 2.39 -0.01	43.33 2.33 -0.02
ASTORIA___2 24149	66.18 2.94 0.00	47.78 2.03 -0.01	34.53 1.43 0.00	40.22 1.70 0.00	40.42 1.62 0.00	47.79 2.13 0.00	53.07 2.28 0.01	55.67 2.55 -0.03	47.19 2.42 0.00	38.42 2.09 -0.17	34.70 2.13 0.00	42.39 2.67 0.00	35.84 2.20 -2.82	37.06 2.35 -2.30	34.79 2.21 -3.10	33.78 2.20 -1.60	43.35 1.66 -18.89	41.74 1.68 -14.16	37.98 2.18 -0.80	55.27 3.06 0.00	161.33 8.41 -0.53	48.93 2.72 -0.03	44.09 2.33 0.00	43.26 2.27 -0.01
ASTORIA___3 23516	66.03 2.79 0.00	47.67 1.93 -0.01	34.53 1.43 0.00	40.21 1.69 0.00	40.42 1.62 0.00	47.79 2.13 0.00	53.15 2.35 0.00	55.73 2.63 0.00	47.21 2.44 0.00	38.50 2.13 -0.21	34.76 2.18 -0.01	42.45 2.73 0.00	36.49 2.22 -3.45	37.59 2.37 -2.81	35.49 2.22 -3.79	34.15 2.21 -1.96	46.24 1.67 -21.76	43.66 1.70 -16.06	38.09 2.18 -0.91	55.26 3.05 0.00	160.67 8.28 0.00	48.97 2.75 -0.04	44.13 2.36 -0.01	43.29 2.30 -0.02
ASTORIA___4 23517	66.03 2.79 0.00	47.67 1.93 -0.01	34.53 1.43 0.00	40.21 1.69 0.00	40.42 1.62 0.00	47.78 2.12 0.00	53.15 2.35 0.00	55.74 2.64 0.00	47.21 2.44 0.00	38.50 2.13 -0.21	34.76 2.18 -0.01	42.45 2.73 0.00	36.48 2.22 -3.45	37.58 2.37 -2.81	35.49 2.21 -3.79	34.15 2.21 -1.96	46.24 1.67 -21.76	43.66 1.70 -16.06	38.09 2.18 -0.91	55.26 3.05 0.00	160.68 8.29 0.00	48.96 2.74 -0.04	44.13 2.36 -0.01	43.29 2.30 -0.02
ASTORIA___5 23518	66.02 2.78 0.00	47.67 1.93 -0.01	34.53 1.43 0.00	40.21 1.69 0.00	40.42 1.62 0.00	47.78 2.12 0.00	53.15 2.35 0.00	55.72 2.63 0.00	47.21 2.44 0.00	38.50 2.13 -0.21	34.76 2.18 -0.01	42.45 2.73 0.00	36.49 2.22 -3.45	37.59 2.37 -2.81	35.49 2.22 -3.79	34.15 2.21 -1.96	46.24 1.67 -21.76	43.66 1.70 -16.06	38.09 2.18 -0.91	55.26 3.05 0.00	160.67 8.28 0.00	48.96 2.74 -0.04	44.13 2.36 -0.01	43.29 2.30 -0.02
AST_ENERGY_2_CC3 323677	65.86 2.62 0.00	47.49 1.75 0.00	34.41 1.31 0.00	40.09 1.57 0.00	40.29 1.49 0.00	47.64 1.98 0.00	53.06 2.26 0.00	55.63 2.54 0.00	47.10 2.32 0.00	38.34 2.00 -0.17	34.62 2.05 0.00	42.30 2.58 0.00	35.75 2.10 -2.83	36.95 2.24 -2.30	34.69 2.10 -3.11	33.68 2.08 -1.61	43.29 1.60 -18.89	41.69 1.64 -14.16	37.89 2.09 -0.80	55.14 2.93 0.00	160.47 8.09 0.00	48.83 2.61 -0.03	43.99 2.23 -0.01	43.16 2.16 -0.01
AST_ENERGY_2_CC4 323678	65.86 2.62 0.00	47.49 1.75 0.00	34.41 1.31 0.00	40.09 1.57 0.00	40.29 1.49 0.00	47.64 1.98 0.00	53.06 2.26 0.00	55.63 2.54 0.00	47.10 2.32 0.00	38.34 2.00 -0.17	34.62 2.05 0.00	42.30 2.58 0.00	35.75 2.10 -2.83	36.95 2.24 -2.30	34.69 2.10 -3.11	33.68 2.08 -1.61	43.29 1.60 -18.89	41.69 1.64 -14.16	37.89 2.09 -0.80	55.14 2.93 0.00	160.47 8.09 0.00	48.83 2.61 -0.03	43.99 2.23 -0.01	43.16 2.16 -0.01

ATHENS_STG_1 23668	63.93	46.28	33.52	39.04	39.26	46.24	51.44	53.83	45.53	36.88	33.36	40.78	31.70	33.41	30.45	30.97	23.50	26.59	35.83	53.21	154.93	47.01	42.43	41.65
	0.69	0.53	0.42	0.51	0.46	0.58	0.64	0.74	0.75	0.72	0.80	1.06	0.89	1.01	0.96	0.99	0.70	0.69	0.82	1.00	2.55	0.83	0.67	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	63.93	46.28	33.52	39.04	39.26	46.24	51.44	53.83	45.53	36.88	33.36	40.78	31.70	33.41	30.45	30.97	23.50	26.59	35.83	53.21	154.93	47.01	42.43	41.65
	0.69	0.53	0.42	0.51	0.46	0.58	0.64	0.74	0.75	0.72	0.80	1.06	0.89	1.01	0.96	0.99	0.70	0.69	0.82	1.00	2.55	0.83	0.67	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	63.93	46.28	33.52	39.04	39.26	46.24	51.44	53.83	45.53	36.88	33.36	40.78	31.70	33.41	30.45	30.97	23.50	26.59	35.83	53.21	154.93	47.01	42.43	41.65
	0.69	0.53	0.42	0.51	0.46	0.58	0.64	0.74	0.75	0.72	0.80	1.06	0.89	1.01	0.96	0.99	0.70	0.69	0.82	1.00	2.55	0.83	0.67	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN___LFGE 323710	63.30	45.78	33.14	38.47	38.88	45.77	51.05	53.28	44.52	35.77	32.15	39.18	30.30	31.87	29.03	29.52	22.50	25.52	34.75	52.00	152.58	46.36	41.99	41.25
	0.06	0.04	0.04	-0.05	0.08	0.11	0.25	0.19	-0.25	-0.40	-0.41	-0.54	-0.52	-0.53	-0.46	-0.46	-0.31	-0.38	-0.25	-0.20	0.20	0.17	0.23	0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	64.95	46.80	34.02	39.64	39.64	46.90	51.94	54.43	46.25	37.64	34.51	41.87	32.34	34.06	31.12	31.63	23.39	26.75	36.73	54.80	158.14	48.48	43.36	42.53
	1.71	1.06	0.91	1.12	0.84	1.24	1.14	1.38	1.48	1.48	1.94	2.15	1.73	1.82	1.85	1.76	1.52	1.46	1.77	2.59	6.61	2.30	1.61	1.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.01	0.00	0.00	0.20	0.16	0.22	0.11	0.93	0.62	0.03	0.00	0.85	0.00	0.00	0.00
BABYLON__69_KV_BK2 356345	65.52	47.20	34.30	39.98	39.99	47.29	52.37	54.88	46.65	38.00	34.82	42.24	32.59	34.32	31.36	31.88	23.62	27.01	37.09	55.35	159.93	49.00	43.79	42.94
	2.28	1.46	1.20	1.46	1.19	1.63	1.57	1.83	1.88	1.84	2.25	2.52	1.98	2.08	2.09	2.01	1.75	1.72	2.12	3.14	8.43	2.82	2.03	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.01	0.00	0.00	0.20	0.16	0.22	0.11	0.93	0.62	0.03	0.00	0.88	0.00	0.00	0.00
BALL_HILL_WT_PWR 323825	61.35	44.10	31.96	37.23	37.61	44.09	49.32	51.08	42.67	34.00	30.50	37.27	28.96	30.22	27.56	28.09	21.57	24.36	32.65	49.14	144.97	44.21	40.82	40.21
	-1.89	-1.64	-1.14	-1.29	-1.19	-1.57	-1.47	-2.02	-2.11	-2.17	-2.07	-2.45	-1.86	-2.19	-1.92	-1.90	-1.23	-1.54	-2.35	-3.07	-7.41	-1.98	-0.94	-0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARON_WINDS___WT_PWR 323822	61.93	44.50	32.31	37.69	38.06	44.62	49.77	51.75	43.09	34.18	30.68	37.44	29.17	30.57	27.92	28.34	21.66	24.63	33.46	50.59	149.27	45.40	41.61	41.05
	-1.31	-1.24	-0.79	-0.82	-0.74	-1.05	-1.03	-1.34	-1.69	-1.99	-1.89	-2.28	-1.65	-1.84	-1.56	-1.65	-1.15	-1.27	-1.55	-1.62	-3.12	-0.78	-0.15	0.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_1 23704	64.57	46.62	33.87	39.45	39.48	46.73	51.70	54.24	45.94	37.37	34.27	41.69	32.20	34.04	30.99	31.51	23.22	26.58	36.47	54.33	159.91	48.03	43.02	42.19
	1.33	0.87	0.77	0.92	0.68	1.07	0.90	1.03	1.16	1.22	1.71	1.97	1.59	1.80	1.73	1.64	1.35	1.30	1.51	2.12	4.87	1.85	1.26	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.01	0.00	0.00	0.20	0.16	0.22	0.11	0.93	0.62	0.03	0.00	-2.67	0.00	0.00	0.00
BARRETT_IC_10 23701	64.57	46.62	33.87	39.45	39.48	46.73	51.70	53.11	45.94	37.37	34.27	41.69	32.20	34.04	30.99	31.51	23.22	26.58	36.47	54.33	135.95	48.03	43.02	42.19
	1.33	0.87	0.77	0.92	0.68	1.07	0.90	1.03	1.16	1.22	1.71	1.97	1.59	1.80	1.73	1.64	1.35	1.30	1.51	2.12	4.87	1.85	1.26	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.01	0.00	0.00	0.20	0.16	0.22	0.11	0.93	0.62	0.03	0.00	21.29	0.00	0.00	0.00
BARRETT_IC_11 23702	64.57	46.62	33.87	39.45	39.48	46.73	51.70	53.11	45.94	37.37	34.27	41.69	32.20	34.04	30.99	31.51	23.22	26.58	36.47	54.33	135.95	48.03	43.02	42.19
	1.33	0.87	0.77	0.92	0.68	1.07	0.90	1.03	1.16	1.22	1.71	1.97	1.59	1.80	1.73	1.64	1.35	1.30	1.51	2.12	4.87	1.85	1.26	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.01	0.00	0.00	0.20	0.16	0.22	0.11	0.93	0.62	0.03	0.00	21.29	0.00	0.00	0.00
BARRETT_IC_12 23703	64.57	46.62	33.87	39.45	39.48	46.73	51.70	53.11	45.94	37.37	34.27	41.69	32.20	34.04	30.99	31.51	23.22	26.58	36.47	54.33	135.95	48.03	43.02	42.19
	1.33	0.87	0.77	0.92	0.68	1.07	0.90	1.03	1.16	1.22	1.71	1.97	1.59	1.80	1.73	1.64	1.35	1.30	1.51	2.12	4.87	1.85	1.26	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.01	0.00	0.00	0.20	0.16	0.22	0.11	0.93	0.62	0.03	0.00	21.29	0.00	0.00	0.00
BARRETT_IC_2 23705	64.57	46.62	33.87	39.45	39.48	46.73	51.70	54.24	45.94	37.37	34.27	41.69	32.20	34.04	30.99	31.51	23.22	26.58	36.47	54.33	159.91	48.03	43.02	42.19
	1.33	0.87	0.77	0.92	0.68	1.07	0.90	1.03	1.16	1.22	1.71	1.97	1.59	1.80	1.73	1.64	1.35	1.30	1.51	2.12	4.87	1.85	1.26	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.01	0.00	0.00	0.20	0.16	0.22	0.11	0.93	0.62	0.03	0.00	-2.67	0.00	0.00	0.00
BARRETT_IC_3 23706	64.57	46.62	33.87	39.45	39.48	46.73	51.70	54.24	45.94	37.37	34.27	41.69	32.20	34.04	30.99	31.51	23.22	26.58	36.47	54.33	159.91	48.03	43.02	42.19
	1.33	0.87	0.77	0.92	0.68	1.07	0.90	1.03	1.16	1.22	1.71	1.97	1.59	1.80	1.73	1.64	1.35	1.30	1.51	2.12	4.87	1.85	1.26	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.01	0.00	0.00	0.20	0.16	0.22	0.11	0.93	0.62	0.03	0.00	-2.67	0.00	0.00	0.00
BARRETT_IC_4 23707	64.57	46.62	33.87	39.45	39.48	46.73	51.70	54.24	45.94	37.37	34.27	41.69	32.20	34.04	30.99	31.51	23.22	26.58	36.47	54.33	159.91	48.03	43.02	42.19
	1.33	0.87	0.77	0.92	0.68	1.07	0.90	1.03	1.16	1.22	1.71	1.97	1.59	1.80	1.73	1.64	1.35	1.30	1.51	2.12	4.87	1.85	1.26	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.01	0.00	0.00	0.20	0.16	0.22	0.11	0.93	0.62	0.03	0.00	-2.67	0.00	0.00	0.00

BARRETT_IC_5 23708	64.57 1.33 0.00	46.62 0.87 0.00	33.87 0.77 0.00	39.45 0.92 0.00	39.48 0.68 0.00	46.73 1.07 0.00	51.70 0.90 0.00	54.24 1.03 -0.13	45.94 1.16 0.00	37.37 1.22 0.01	34.27 1.71 0.00	41.69 1.97 0.00	32.20 1.59 0.20	34.04 1.80 0.16	30.99 1.73 0.22	31.51 1.64 0.11	23.22 1.35 0.93	26.58 1.30 0.62	36.47 1.51 0.03	54.33 2.12 0.00	159.91 4.87 -2.67	48.03 1.85 0.00	43.02 1.26 0.00	42.19 1.21 0.00
BARRETT_IC_6 23709	64.57 1.33 0.00	46.62 0.87 0.00	33.87 0.77 0.00	39.45 0.92 0.00	39.48 0.68 0.00	46.73 1.07 0.00	51.70 0.90 0.00	54.24 1.03 -0.13	45.94 1.16 0.00	37.37 1.22 0.01	34.27 1.71 0.00	41.69 1.97 0.00	32.20 1.59 0.20	34.04 1.80 0.16	30.99 1.73 0.22	31.51 1.64 0.11	23.22 1.35 0.93	26.58 1.30 0.62	36.47 1.51 0.03	54.33 2.12 0.00	159.91 4.87 -2.67	48.03 1.85 0.00	43.02 1.26 0.00	42.19 1.21 0.00
BARRETT_IC_7 23710	64.57 1.33 0.00	46.62 0.88 0.00	33.87 0.77 0.00	39.45 0.92 0.00	39.48 0.68 0.00	46.73 1.07 0.00	51.70 0.90 0.00	54.23 1.01 -0.13	45.93 1.16 0.00	37.37 1.22 0.01	34.28 1.71 0.00	41.69 1.97 0.00	32.20 1.58 0.20	34.03 1.79 0.16	30.99 1.73 0.22	31.52 1.65 0.11	23.23 1.35 0.93	26.59 1.30 0.62	36.47 1.51 0.03	54.33 2.12 0.00	160.12 5.07 -2.67	48.03 1.85 0.00	43.02 1.26 0.00	42.19 1.21 0.00
BARRETT_IC_8 23711	64.57 1.33 0.00	46.62 0.87 0.00	33.87 0.77 0.00	39.45 0.92 0.00	39.48 0.68 0.00	46.73 1.07 0.00	51.70 0.90 0.00	54.24 1.03 -0.13	45.94 1.16 0.00	37.37 1.22 0.01	34.27 1.71 0.00	41.69 1.97 0.00	32.20 1.59 0.20	34.04 1.80 0.16	30.99 1.73 0.22	31.51 1.64 0.11	23.22 1.35 0.93	26.58 1.30 0.62	36.47 1.51 0.03	54.33 2.12 0.00	159.91 4.87 -2.67	48.03 1.85 0.00	43.02 1.26 0.00	42.19 1.21 0.00
BARRETT_IC_9 23700	64.57 1.33 0.00	46.62 0.87 0.00	33.87 0.77 0.00	39.45 0.92 0.00	39.48 0.68 0.00	46.73 1.07 0.00	51.70 0.90 0.00	53.11 1.03 1.00	45.94 1.16 0.00	37.37 1.22 0.01	34.27 1.71 0.00	41.69 1.97 0.00	32.20 1.59 0.20	34.04 1.80 0.16	30.99 1.73 0.22	31.51 1.64 0.11	23.22 1.35 0.93	26.58 1.30 0.62	36.47 1.51 0.03	54.33 2.12 0.00	135.95 4.87 21.29	48.03 1.85 0.00	43.02 1.26 0.00	42.19 1.21 0.00
BARRETT___1 23545	64.57 1.33 0.00	46.62 0.87 0.00	33.87 0.77 0.00	39.45 0.92 0.00	39.48 0.68 0.00	46.73 1.07 0.00	51.70 0.90 0.00	54.24 1.03 -0.13	45.94 1.16 0.00	37.37 1.22 0.01	34.27 1.71 0.00	41.69 1.97 0.00	32.20 1.59 0.20	34.04 1.80 0.16	30.99 1.73 0.22	31.51 1.64 0.11	23.22 1.35 0.93	26.58 1.30 0.62	36.47 1.51 0.03	54.33 2.12 0.00	159.91 4.87 -2.67	48.03 1.85 0.00	43.02 1.26 0.00	42.19 1.21 0.00
BARRETT___2 23546	64.57 1.33 0.00	46.62 0.87 0.00	33.87 0.77 0.00	39.45 0.92 0.00	39.48 0.68 0.00	46.73 1.07 0.00	51.70 0.90 0.00	53.11 1.03 1.00	45.94 1.16 0.00	37.37 1.22 0.01	34.27 1.71 0.00	41.69 1.97 0.00	32.20 1.59 0.20	34.04 1.80 0.16	30.99 1.73 0.22	31.51 1.64 0.11	23.22 1.35 0.93	26.58 1.30 0.62	36.47 1.51 0.03	54.33 2.12 0.00	135.95 4.87 21.29	48.03 1.85 0.00	43.02 1.26 0.00	42.19 1.21 0.00
BATAVIA__115KV_TB1 55881	61.45 -1.79 0.00	44.26 -1.49 0.00	32.02 -1.08 0.00	37.27 -1.25 0.00	37.70 -1.09 0.00	44.30 -1.36 0.00	49.52 -1.28 0.00	51.05 -2.05 0.00	42.44 -2.34 0.00	33.64 -2.53 0.00	29.93 -2.63 0.00	36.52 -3.20 0.00	28.36 -2.46 0.00	29.65 -2.75 0.00	27.00 -2.48 0.00	27.57 -2.41 0.00	21.18 -1.63 0.00	23.85 -2.05 0.00	32.26 -2.74 0.00	48.87 -3.33 0.00	143.77 -8.62 0.00	44.00 -2.19 0.00	40.63 -1.13 0.00	39.87 -1.11 0.00
BAYONEEC___CTG1 323682	65.76 2.52 0.00	47.42 1.68 0.00	34.35 1.25 0.00	40.03 1.51 0.00	40.23 1.43 0.00	47.59 1.93 0.00	52.99 2.19 0.00	55.55 2.46 0.00	47.04 2.26 0.00	38.28 1.94 -0.17	34.57 2.00 0.00	42.23 2.51 0.00	35.71 2.07 -2.83	36.91 2.20 -2.31	34.65 2.05 -3.11	33.64 2.05 -1.61	43.27 1.57 -18.89	41.66 1.60 -14.16	37.82 2.02 -0.80	55.04 2.84 0.00	160.18 7.79 0.00	48.75 2.54 -0.03	43.92 2.15 -0.01	43.10 2.10 -0.01
BAYONEEC___CTG10 323750	65.76 2.52 0.00	47.42 1.68 0.00	34.35 1.25 0.00	40.03 1.51 0.00	40.23 1.43 0.00	47.59 1.93 0.00	52.99 2.19 0.00	55.55 2.46 0.00	47.04 2.26 0.00	38.28 1.94 -0.17	34.57 2.00 0.00	42.23 2.51 0.00	35.71 2.07 -2.83	36.91 2.20 -2.31	34.65 2.05 -3.11	33.64 2.05 -1.61	43.27 1.57 -18.89	41.66 1.60 -14.16	37.82 2.02 -0.80	55.04 2.84 0.00	160.18 7.79 0.00	48.75 2.54 -0.03	43.92 2.15 -0.01	43.10 2.10 -0.01
BAYONEEC___CTG2 323683	65.76 2.52 0.00	47.42 1.68 0.00	34.35 1.25 0.00	40.03 1.51 0.00	40.23 1.43 0.00	47.59 1.93 0.00	52.99 2.19 0.00	55.55 2.46 0.00	47.04 2.26 0.00	38.28 1.94 -0.17	34.57 2.00 0.00	42.23 2.51 0.00	35.71 2.07 -2.83	36.91 2.20 -2.31	34.65 2.05 -3.11	33.64 2.05 -1.61	43.27 1.57 -18.89	41.66 1.60 -14.16	37.82 2.02 -0.80	55.04 2.84 0.00	160.18 7.79 0.00	48.75 2.54 -0.03	43.92 2.15 -0.01	43.10 2.10 -0.01
BAYONEEC___CTG3 323684	65.76 2.52 0.00	47.42 1.68 0.00	34.35 1.25 0.00	40.03 1.51 0.00	40.23 1.43 0.00	47.59 1.93 0.00	52.99 2.19 0.00	55.55 2.46 0.00	47.04 2.26 0.00	38.28 1.94 -0.17	34.57 2.00 0.00	42.23 2.51 0.00	35.71 2.07 -2.83	36.91 2.20 -2.31	34.65 2.05 -3.11	33.64 2.05 -1.61	43.27 1.57 -18.89	41.66 1.60 -14.16	37.82 2.02 -0.80	55.04 2.84 0.00	160.18 7.79 0.00	48.75 2.54 -0.03	43.92 2.15 -0.01	43.10 2.10 -0.01
BAYONEEC___CTG4 323685	65.76 2.52 0.00	47.42 1.68 0.00	34.35 1.25 0.00	40.03 1.51 0.00	40.23 1.43 0.00	47.59 1.93 0.00	52.99 2.19 0.00	55.55 2.46 0.00	47.04 2.26 0.00	38.28 1.94 -0.17	34.57 2.00 0.00	42.23 2.51 0.00	35.71 2.07 -2.83	36.91 2.20 -2.31	34.65 2.05 -3.11	33.64 2.05 -1.61	43.27 1.57 -18.89	41.66 1.60 -14.16	37.82 2.02 -0.80	55.04 2.84 0.00	160.18 7.79 0.00	48.75 2.54 -0.03	43.92 2.15 -0.01	43.10 2.10 -0.01
BAYONEEC___CTG5 323686	65.76 2.52 0.00	47.42 1.68 0.00	34.35 1.25 0.00	40.03 1.51 0.00	40.23 1.43 0.00	47.59 1.93 0.00	52.99 2.19 0.00	55.55 2.46 0.00	47.04 2.26 0.00	38.28 1.94 -0.17	34.57 2.00 0.00	42.23 2.51 0.00	35.71 2.07 -2.83	36.91 2.20 -2.31	34.65 2.05 -3.11	33.64 2.05 -1.61	43.27 1.57 -18.89	41.66 1.60 -14.16	37.82 2.02 -0.80	55.04 2.84 0.00	160.18 7.79 0.00	48.75 2.54 -0.03	43.92 2.15 -0.01	43.10 2.10 -0.01
BAYONEEC___CTG6 323687	65.76 2.52 0.00	47.42 1.68 0.00	34.35 1.25 0.00	40.03 1.51 0.00	40.23 1.43 0.00	47.59 1.93 0.00	52.99 2.19 0.00	55.55 2.46 0.00	47.04 2.26 0.00	38.28 1.94 -0.17	34.57 2.00 0.00	42.23 2.51 0.00	35.71 2.07 -2.83	36.91 2.20 -2.31	34.65 2.05 -3.11	33.64 2.05 -1.61	43.27 1.57 -18.89	41.66 1.60 -14.16	37.82 2.02 -0.80	55.04 2.84 0.00	160.18 7.79 0.00	48.75 2.54 -0.03	43.92 2.15 -0.01	43.10 2.10 -0.01

BAYONEEC___CTG7 323688	65.76 2.52 0.00	47.42 1.68 0.00	34.35 1.25 0.00	40.03 1.51 0.00	40.23 1.43 0.00	47.59 1.93 0.00	52.99 2.19 0.00	55.55 2.46 0.00	47.04 2.26 0.00	38.28 1.94 -0.17	34.57 2.00 0.00	42.23 2.51 0.00	35.71 2.07 -2.83	36.91 2.20 -2.31	34.65 2.05 -3.11	33.64 2.05 -1.61	43.27 1.57 -18.89	41.66 1.60 -14.16	37.82 2.02 -0.80	55.04 2.84 0.00	160.18 7.79 0.00	48.75 2.54 -0.03	43.92 2.15 -0.01	43.10 2.10 -0.01
BAYONEEC___CTG8 323689	65.76 2.52 0.00	47.42 1.68 0.00	34.35 1.25 0.00	40.03 1.51 0.00	40.23 1.43 0.00	47.59 1.93 0.00	52.99 2.19 0.00	55.55 2.46 0.00	47.04 2.26 0.00	38.28 1.94 -0.17	34.57 2.00 0.00	42.23 2.51 0.00	35.71 2.07 -2.83	36.91 2.20 -2.31	34.65 2.05 -3.11	33.64 2.05 -1.61	43.27 1.57 -18.89	41.66 1.60 -14.16	37.82 2.02 -0.80	55.04 2.84 0.00	160.18 7.79 0.00	48.75 2.54 -0.03	43.92 2.15 -0.01	43.10 2.10 -0.01
BAYONEEC___CTG9 323749	65.76 2.52 0.00	47.42 1.68 0.00	34.35 1.25 0.00	40.03 1.51 0.00	40.23 1.43 0.00	47.59 1.93 0.00	52.99 2.19 0.00	55.55 2.46 0.00	47.04 2.26 0.00	38.28 1.94 -0.17	34.57 2.00 0.00	42.23 2.51 0.00	35.71 2.07 -2.83	36.91 2.20 -2.31	34.65 2.05 -3.11	33.64 2.05 -1.61	43.27 1.57 -18.89	41.66 1.60 -14.16	37.82 2.02 -0.80	55.04 2.84 0.00	160.18 7.79 0.00	48.75 2.54 -0.03	43.92 2.15 -0.01	43.10 2.10 -0.01
BEACON___LESR 323632	64.17 0.93 0.00	46.42 0.68 0.00	33.65 0.55 0.00	39.21 0.68 0.00	39.33 0.53 0.00	46.30 0.64 0.00	51.70 0.90 0.00	53.92 0.82 0.00	45.72 0.94 0.00	37.14 0.98 0.00	33.56 1.00 0.00	41.05 1.33 0.00	31.87 1.06 0.00	33.66 1.26 0.00	30.62 1.13 0.00	31.08 1.10 0.00	23.63 0.82 0.00	26.79 0.89 0.00	36.12 1.12 0.00	53.62 1.42 0.00	155.87 3.49 0.00	47.10 0.92 0.00	42.61 0.85 0.00	41.67 0.69 0.00
BEAVER RIVER___HYD 24048	64.23 0.99 0.00	46.17 0.43 0.00	33.06 -0.04 0.00	38.49 -0.03 0.00	38.81 0.01 0.00	46.09 0.43 0.00	51.44 0.64 0.00	53.86 0.77 0.00	44.91 0.14 0.00	35.90 -0.27 0.00	32.02 -0.55 0.00	38.73 -0.99 0.00	29.80 -1.01 0.00	31.23 -1.17 0.00	28.30 -1.18 0.00	28.71 -1.28 0.00	21.98 -0.82 0.00	25.29 -0.61 0.00	34.65 -0.35 0.00	52.32 0.12 0.00	152.52 0.13 0.00	45.82 -0.37 0.00	41.29 -0.46 0.00	40.46 -0.52 0.00
BEEBEE_GT_13 23619	61.66 -1.58 0.00	44.46 -1.28 0.00	32.17 -0.93 0.00	37.44 -1.08 0.00	37.81 -1.00 0.00	44.43 -1.23 0.00	49.60 -1.20 0.00	51.45 -1.65 0.00	43.09 -1.69 0.00	34.52 -1.64 0.00	30.92 -1.65 0.00	37.69 -2.03 0.00	29.22 -1.59 0.00	30.62 -1.79 0.00	27.87 -1.61 0.00	28.42 -1.56 0.00	21.76 -1.05 0.00	24.67 -1.23 0.00	33.32 -1.69 0.00	49.99 -2.22 0.00	146.44 -5.94 0.00	44.58 -1.60 0.00	40.78 -0.98 0.00	40.02 -0.96 0.00
BENSHRST_27_KV_BENSHRST_1 355998	66.62 3.37 0.00	52.87 2.41 -4.72	51.40 1.79 -16.51	51.17 2.11 -10.53	51.15 2.03 -10.33	51.56 2.61 -3.29	55.74 2.90 -2.04	58.16 3.21 -1.86	53.67 2.93 -5.96	52.37 2.53 -13.68	52.32 2.54 -17.21	52.45 3.17 -9.55	52.33 2.56 -18.96	52.35 2.72 -17.23	52.32 2.53 -20.31	52.31 2.54 -19.78	54.91 1.88 -30.22	54.65 1.95 -26.80	55.59 2.60 -17.99	58.12 3.68 -2.24	180.44 10.06 -18.00	60.66 3.31 -11.17	59.99 2.86 -15.37	52.46 2.77 -8.71
BETHLEHEM___GRP 23843	63.00 -0.24 0.00	45.65 -0.09 0.00	33.14 0.04 0.00	38.55 0.03 0.00	38.82 0.02 0.00	45.57 -0.10 0.00	50.73 -0.06 0.00	53.05 -0.04 0.00	44.95 0.17 0.00	36.53 0.37 0.00	33.01 0.44 0.00	40.29 0.57 0.00	31.35 0.54 0.00	33.06 0.65 0.00	30.11 0.62 0.00	30.61 0.63 0.00	23.22 0.42 0.00	26.30 0.40 0.00	35.45 0.45 0.00	52.52 0.31 0.00	152.89 0.51 0.00	46.26 0.08 0.00	41.86 0.10 0.00	41.01 0.03 0.00
BETHLEHEM___GS1 323560	63.00 -0.24 0.00	45.65 -0.09 0.00	33.14 0.04 0.00	38.55 0.03 0.00	38.82 0.02 0.00	45.57 -0.10 0.00	50.73 -0.06 0.00	53.05 -0.04 0.00	44.95 0.18 0.00	36.54 0.37 0.00	33.01 0.44 0.00	40.29 0.57 0.00	31.35 0.53 0.00	33.06 0.65 0.00	30.11 0.62 0.00	30.61 0.63 0.00	23.22 0.42 0.00	26.30 0.40 0.00	35.46 0.45 0.00	52.52 0.31 0.00	152.84 0.46 0.00	46.26 0.08 0.00	41.86 0.10 0.00	41.01 0.03 0.00
BETHLEHEM___GS2 323561	63.00 -0.24 0.00	45.65 -0.09 0.00	33.14 0.04 0.00	38.55 0.03 0.00	38.82 0.02 0.00	45.57 -0.10 0.00	50.73 -0.06 0.00	53.05 -0.04 0.00	44.95 0.18 0.00	36.54 0.37 0.00	33.01 0.44 0.00	40.29 0.57 0.00	31.35 0.53 0.00	33.06 0.65 0.00	30.11 0.62 0.00	30.61 0.63 0.00	23.22 0.42 0.00	26.30 0.40 0.00	35.46 0.45 0.00	52.52 0.31 0.00	152.84 0.46 0.00	46.26 0.08 0.00	41.86 0.10 0.00	41.01 0.03 0.00
BETHLEHEM___GS3 323562	63.00 -0.24 0.00	45.65 -0.09 0.00	33.14 0.04 0.00	38.55 0.03 0.00	38.82 0.02 0.00	45.57 -0.10 0.00	50.73 -0.06 0.00	53.05 -0.04 0.00	44.95 0.18 0.00	36.54 0.37 0.00	33.01 0.44 0.00	40.29 0.57 0.00	31.35 0.53 0.00	33.06 0.65 0.00	30.11 0.62 0.00	30.61 0.63 0.00	23.22 0.42 0.00	26.30 0.40 0.00	35.46 0.45 0.00	52.52 0.31 0.00	152.84 0.46 0.00	46.26 0.08 0.00	41.86 0.10 0.00	41.01 0.03 0.00
BETHLEHEM___STEEL 23779	60.75 -2.49 0.00	43.74 -2.00 0.00	31.68 -1.42 0.00	36.88 -1.64 0.00	37.29 -1.51 0.00	43.75 -1.91 0.00	48.88 -1.92 0.00	50.51 -2.59 0.00	42.24 -2.54 0.00	33.66 -2.50 0.00	30.07 -2.50 0.00	36.74 -2.98 0.00	28.55 -2.27 0.00	29.82 -2.59 0.00	27.19 -2.30 0.00	27.75 -2.24 0.00	21.31 -1.49 0.00	24.01 -1.89 0.00	32.18 -2.82 0.00	48.37 -3.84 0.00	142.38 -10.01 0.00	43.63 -2.55 0.00	40.39 -1.36 0.00	39.75 -1.23 0.00
BETHLHEM_115KV_TB1 79974	63.19 -0.05 0.00	45.78 0.03 0.00	33.22 0.12 0.00	38.65 0.13 0.00	38.91 0.12 0.00	45.70 0.04 0.00	50.88 0.08 0.00	53.20 0.11 0.00	45.06 0.29 0.00	36.60 0.44 0.00	33.07 0.51 0.00	40.38 0.66 0.00	31.40 0.58 0.00	33.12 0.71 0.00	30.16 0.67 0.00	30.66 0.68 0.00	23.27 0.47 0.00	26.34 0.45 0.00	35.52 0.52 0.00	52.66 0.45 0.00	153.23 0.84 0.00	46.40 0.21 0.00	41.97 0.22 0.00	41.12 0.14 0.00
BETHPAGE_CC_5 323564	64.83 1.59 0.00	46.74 1.00 0.00	33.95 0.85 0.00	39.55 1.04 0.00	39.58 0.79 0.00	46.83 1.17 0.00	51.88 1.09 0.00	54.37 1.31 0.03	46.18 1.41 0.00	37.57 1.42 0.01	34.40 1.83 0.00	41.89 2.17 0.00	32.35 1.73 0.20	34.11 1.87 0.16	31.12 1.86 0.22	31.63 1.77 0.11	23.37 1.50 0.93	26.70 1.42 0.62	36.65 1.68 0.03	54.61 2.40 0.00	157.75 6.09 0.72	48.31 2.12 0.00	43.25 1.49 0.00	42.41 1.44 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	61.01 -2.23 0.00	43.92 -1.82 0.00	31.79 -1.31 0.00	37.03 -1.50 0.00	37.44 -1.36 0.00	43.92 -1.74 0.00	49.08 -1.71 0.00	50.72 -2.37 0.00	42.42 -2.35 0.00	33.81 -2.36 0.00	30.21 -2.36 0.00	36.92 -2.80 0.00	28.69 -2.13 0.00	29.97 -2.43 0.00	27.31 -2.18 0.00	27.88 -2.10 0.00	21.41 -1.40 0.00	24.12 -1.77 0.00	32.35 -2.65 0.00	48.63 -3.58 0.00	143.18 -9.20 0.00	43.85 -2.33 0.00	40.57 -1.18 0.00	39.93 -1.05 0.00

BINGHAMTON___COGEN 23790	63.33 0.09 0.00	45.70 -0.04 0.00	33.09 -0.01 0.00	38.56 0.04 0.00	38.84 0.04 0.00	45.65 -0.01 0.00	50.90 0.10 0.00	53.20 0.11 0.00	44.71 -0.06 0.00	35.94 -0.22 0.00	32.43 -0.13 0.00	39.56 -0.16 0.00	30.70 -0.11 0.00	32.22 -0.19 0.00	29.38 -0.10 0.00	29.82 -0.16 0.00	22.71 -0.10 0.00	25.81 -0.08 0.00	34.87 -0.13 0.00	52.19 -0.01 0.00	153.05 0.67 0.00	46.38 0.19 0.00	42.03 0.28 0.00	41.38 0.40 0.00
BIXINCNT_115KV_LOAD 355685	62.25 -0.99 0.00	44.87 -0.87 0.00	32.48 -0.62 0.00	37.89 -0.63 0.00	38.24 -0.56 0.00	44.82 -0.85 0.00	50.06 -0.74 0.00	51.91 -1.18 0.00	43.43 -1.34 0.00	34.59 -1.58 0.00	30.92 -1.64 0.00	37.79 -1.93 0.00	29.36 -1.46 0.00	30.74 -1.67 0.00	28.02 -1.46 0.00	28.51 -1.48 0.00	21.83 -0.98 0.00	24.66 -1.23 0.00	33.17 -1.83 0.00	49.96 -2.25 0.00	147.17 -5.21 0.00	45.05 -1.13 0.00	41.52 -0.24 0.00	40.93 -0.05 0.00
BLACK RIVER___HYD 24047	64.35 1.11 0.00	46.16 0.42 0.00	32.99 -0.11 0.00	38.42 -0.10 0.00	38.74 -0.05 0.00	46.16 0.50 0.00	51.62 0.82 0.00	54.00 0.91 0.00	44.69 -0.08 0.00	35.51 -0.66 0.00	31.65 -0.92 0.00	38.26 -1.46 0.00	29.41 -1.40 0.00	30.82 -1.59 0.00	27.93 -1.55 0.00	28.33 -1.65 0.00	21.79 -1.01 0.00	25.08 -0.81 0.00	34.38 -0.62 0.00	52.33 0.12 0.00	152.86 0.48 0.00	45.86 -0.32 0.00	41.27 -0.48 0.00	40.35 -0.63 0.00
BLACKRVR_115KV_TB2 79977	64.35 1.11 0.00	46.16 0.42 0.00	32.99 -0.11 0.00	38.42 -0.10 0.00	38.74 -0.06 0.00	46.16 0.50 0.00	51.62 0.82 0.00	54.00 0.91 0.00	44.69 -0.08 0.00	35.50 -0.66 0.00	31.65 -0.91 0.00	38.26 -1.46 0.00	29.41 -1.40 0.00	30.81 -1.59 0.00	27.93 -1.55 0.00	28.33 -1.65 0.00	21.79 -1.01 0.00	25.08 -0.81 0.00	34.38 -0.62 0.00	52.33 0.12 0.00	152.86 0.48 0.00	45.86 -0.32 0.00	41.27 -0.48 0.00	40.35 -0.63 0.00
BLISS_WT_PWR 323608	62.25 -0.99 0.00	44.91 -0.83 0.00	32.48 -0.62 0.00	37.91 -0.61 0.00	38.25 -0.55 0.00	44.83 -0.83 0.00	50.06 -0.74 0.00	51.94 -1.15 0.00	43.45 -1.33 0.00	34.59 -1.58 0.00	30.90 -1.66 0.00	37.75 -1.97 0.00	29.35 -1.47 0.00	30.74 -1.66 0.00	28.03 -1.45 0.00	28.50 -1.49 0.00	21.82 -0.99 0.00	24.67 -1.23 0.00	33.18 -1.82 0.00	49.99 -2.22 0.00	147.32 -5.06 0.00	45.09 -1.09 0.00	41.56 -0.19 0.00	40.98 0.00 0.00
BLUESTONE___WT_PWR 323821	64.83 1.59 0.00	46.78 1.04 0.00	33.66 0.56 0.00	38.69 0.16 0.00	38.69 -0.11 0.00	44.99 -0.67 0.00	50.26 -0.54 0.00	52.40 -0.69 0.00	44.27 -0.50 0.00	36.15 -0.02 0.00	32.48 -0.08 0.00	39.02 -0.70 0.00	30.24 -0.58 0.00	31.74 -0.67 0.00	28.92 -0.57 0.00	29.32 -0.67 0.00	22.30 -0.51 0.00	25.30 -0.59 0.00	34.56 -0.44 0.00	52.66 0.45 0.00	155.40 3.01 0.00	47.22 1.03 0.00	42.70 0.94 0.00	42.14 1.16 0.00
BLUE_CIRC_CHEM_DRP 24182	63.94 0.70 0.00	46.32 0.58 0.00	33.58 0.48 0.00	39.10 0.58 0.00	39.37 0.57 0.00	46.25 0.59 0.00	51.48 0.68 0.00	53.81 0.71 0.00	45.51 0.73 0.00	36.88 0.71 0.00	33.32 0.75 0.00	40.63 0.91 0.00	31.57 0.76 0.00	33.27 0.87 0.00	30.31 0.82 0.00	30.83 0.85 0.00	23.33 0.53 0.00	26.43 0.53 0.00	35.76 0.76 0.00	53.18 0.97 0.00	154.87 2.48 0.00	46.89 0.70 0.00	42.39 0.64 0.00	41.58 0.60 0.00
BOC_GAS_DRP 24189	63.63 0.39 0.00	46.08 0.34 0.00	33.39 0.29 0.00	38.88 0.36 0.00	39.15 0.34 0.00	46.02 0.36 0.00	51.21 0.41 0.00	53.55 0.46 0.00	45.31 0.53 0.00	36.72 0.56 0.00	33.18 0.61 0.00	40.53 0.81 0.00	31.50 0.68 0.00	33.21 0.80 0.00	30.24 0.76 0.00	30.76 0.78 0.00	23.33 0.53 0.00	26.42 0.52 0.00	35.63 0.63 0.00	52.91 0.70 0.00	154.07 1.68 0.00	46.69 0.51 0.00	42.19 0.44 0.00	41.40 0.42 0.00
BOONVILLE_115KV_TB1 79983	64.53 1.29 0.00	46.52 0.78 0.00	33.49 0.39 0.00	38.99 0.47 0.00	39.28 0.48 0.00	46.43 0.77 0.00	51.81 1.01 0.00	54.21 1.11 0.00	45.51 0.74 0.00	36.56 0.39 0.00	32.81 0.25 0.00	39.82 0.10 0.00	30.76 -0.06 0.00	32.29 -0.11 0.00	29.31 -0.17 0.00	29.73 -0.25 0.00	22.68 -0.13 0.00	25.94 0.05 0.00	35.43 0.43 0.00	53.15 0.94 0.00	155.05 2.67 0.00	46.76 0.58 0.00	42.18 0.42 0.00	41.34 0.36 0.00
BORALEX_4TH_BRANCH 23824	64.64 1.40 0.00	46.84 1.10 0.00	33.89 0.79 0.00	39.52 1.00 0.00	39.81 1.00 0.00	46.75 1.09 0.00	52.14 1.34 0.00	54.46 1.37 0.00	46.25 1.47 0.00	37.57 1.40 0.00	33.94 1.37 0.00	41.50 1.78 0.00	32.15 1.34 0.00	34.05 1.65 0.00	31.03 1.54 0.00	31.50 1.52 0.00	23.79 0.99 0.00	27.01 1.11 0.00	36.39 1.39 0.00	53.85 1.64 0.00	156.53 4.15 0.00	47.21 1.03 0.00	42.81 1.06 0.00	41.95 0.97 0.00
BOWLINE___1 23526	64.84 1.60 0.00	46.81 1.07 0.00	33.87 0.77 0.00	39.46 0.94 0.00	39.68 0.88 0.00	46.92 1.26 0.00	52.30 1.50 0.00	54.82 1.73 0.00	46.33 1.55 0.00	37.45 1.29 0.00	33.94 1.37 0.00	41.51 1.79 0.00	32.34 1.52 0.00	34.03 1.63 0.00	31.00 1.52 0.00	31.47 1.49 0.00	23.97 1.17 0.00	27.04 1.14 0.00	36.43 1.43 0.00	54.26 2.05 0.00	157.91 5.53 0.00	47.90 1.71 0.00	43.17 1.41 0.00	42.37 1.39 0.00
BOWLINE___2 23595	64.84 1.60 0.00	46.81 1.07 0.00	33.87 0.77 0.00	39.46 0.94 0.00	39.68 0.88 0.00	46.92 1.26 0.00	52.30 1.50 0.00	54.82 1.73 0.00	46.33 1.56 0.00	37.45 1.29 0.00	33.94 1.38 0.00	41.51 1.79 0.00	32.34 1.52 0.00	34.03 1.63 0.00	31.00 1.52 0.00	31.47 1.49 0.00	23.97 1.17 0.00	27.04 1.14 0.00	36.43 1.43 0.00	54.26 2.05 0.00	157.96 5.58 0.00	47.90 1.72 0.00	43.17 1.41 0.00	42.37 1.39 0.00
BRADY___115KV_TB2 356060	65.21 1.97 0.00	47.17 1.43 0.00	34.08 0.98 0.00	39.59 1.06 0.00	39.93 1.13 0.00	47.01 1.35 0.00	51.89 1.09 0.00	54.48 1.39 0.00	45.81 1.03 0.00	36.87 0.71 0.00	32.85 0.29 0.00	39.86 0.14 0.00	30.80 -0.01 0.00	32.30 -0.10 0.00	29.31 -0.18 0.00	29.83 -0.16 0.00	22.83 0.03 0.00	26.10 0.20 0.00	35.34 0.34 0.00	53.15 0.94 0.00	155.58 3.20 0.00	47.09 0.91 0.00	42.55 0.80 0.00	41.73 0.75 0.00
BRANSCOMB___SOLAR 323811	65.24 2.00 0.00	47.18 1.44 0.00	34.09 0.99 0.00	39.74 1.22 0.00	40.05 1.25 0.00	47.08 1.42 0.00	52.49 1.69 0.00	54.82 1.73 0.00	46.41 1.63 0.00	37.61 1.45 0.00	33.91 1.35 0.00	41.42 1.70 0.00	32.07 1.26 0.00	33.73 1.33 0.00	30.69 1.21 0.00	31.21 1.22 0.00	23.57 0.77 0.00	26.83 0.94 0.00	36.36 1.36 0.00	54.17 1.96 0.00	157.94 5.55 0.00	47.78 1.60 0.00	43.17 1.41 0.00	42.34 1.36 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	65.12 1.88 0.00	46.96 1.21 0.00	34.13 1.03 0.00	39.84 1.32 0.00	39.82 1.02 0.00	47.09 1.43 0.00	52.12 1.32 0.00	54.60 1.56 0.05	46.38 1.61 0.00	37.81 1.66 0.01	34.70 2.13 0.00	42.13 2.40 0.00	32.48 1.86 0.20	34.20 1.96 0.16	31.23 1.97 0.22	31.74 1.87 0.11	23.51 1.64 0.93	26.87 1.59 0.62	36.88 1.91 0.03	55.03 2.82 0.00	158.80 7.41 0.99	48.74 2.56 0.00	43.54 1.79 0.00	42.71 1.73 0.00



BRISTLHL_115KV_TB1 79998	61.91 -1.33 0.00	44.70 -1.04 0.00	32.34 -0.76 0.00	37.67 -0.85 0.00	37.94 -0.86 0.00	44.67 -0.99 0.00	49.77 -1.03 0.00	51.95 -1.14 0.00	43.68 -1.10 0.00	35.16 -1.01 0.00	31.62 -0.94 0.00	38.54 -1.18 0.00	29.90 -0.91 0.00	31.40 -1.00 0.00	28.58 -0.91 0.00	29.05 -0.94 0.00	22.12 -0.69 0.00	25.17 -0.73 0.00	34.11 -0.89 0.00	51.06 -1.15 0.00	149.22 -3.16 0.00	45.23 -0.96 0.00	40.93 -0.83 0.00	40.16 -0.82 0.00
BROOKHAVEN___DRP 24191	64.74 1.50 0.00	46.65 0.91 0.00	33.92 0.82 0.00	39.57 1.05 0.00	39.55 0.75 0.00	46.79 1.13 0.00	51.80 1.00 0.00	54.31 1.27 0.05	46.17 1.39 0.00	37.63 1.47 0.01	34.45 1.89 0.00	41.71 1.99 0.00	32.17 1.55 0.20	33.99 1.75 0.16	31.10 1.84 0.22	31.59 1.72 0.11	23.47 1.60 0.93	26.83 1.54 0.62	36.85 1.89 0.03	55.03 2.82 0.00	158.76 7.41 1.03	48.76 2.57 0.00	43.53 1.78 0.00	42.70 1.72 0.00
BROOKLYN_NAVY_YARD 23515	65.75 2.50 0.00	47.31 1.57 0.00	34.25 1.15 0.00	39.91 1.39 0.00	40.11 1.31 0.00	47.45 1.79 0.00	52.92 2.12 0.00	55.55 2.42 -0.04	47.01 2.23 0.00	38.26 1.93 -0.17	34.54 1.97 0.00	42.19 2.48 0.00	35.69 2.04 -2.83	36.87 2.16 -2.31	34.62 2.02 -3.11	33.61 2.02 -1.61	43.24 1.55 -18.89	41.66 1.60 -14.16	37.79 2.00 -0.80	55.02 2.82 0.00	160.84 7.70 -0.75	48.74 2.52 -0.03	43.89 2.13 -0.01	43.06 2.07 -0.01
BROOKLYN___ARMY_DRP 323595	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.97 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.90 2.95 -1.86	53.44 2.70 -5.96	52.19 2.35 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.17 2.37 -20.31	52.15 2.39 -19.78	54.79 1.76 -30.22	54.51 1.82 -26.80	55.41 2.42 -17.99	57.85 3.40 -2.24	179.60 9.22 -18.00	60.39 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
BROOKVLE_69_KV_TB1 55790	65.63 2.39 0.00	47.32 1.58 0.00	34.32 1.22 0.00	39.95 1.43 0.00	40.06 1.25 0.00	47.37 1.71 0.00	52.60 1.81 0.00	55.16 2.07 0.00	46.77 2.00 0.00	37.97 1.82 0.01	34.60 2.03 0.00	42.18 2.46 0.00	32.60 1.99 0.20	34.39 2.15 0.16	31.34 2.07 0.22	31.89 2.02 0.11	23.51 1.63 0.93	26.91 1.63 0.62	36.92 1.95 0.03	54.99 2.78 0.00	159.85 7.47 0.00	48.60 2.42 0.00	43.72 1.96 0.00	42.87 1.89 0.00
BROOME_2_LFGE 323671	63.33 0.09 0.00	45.70 -0.04 0.00	33.09 -0.01 0.00	38.56 0.04 0.00	38.84 0.04 0.00	45.65 -0.01 0.00	50.90 0.10 0.00	53.20 0.11 0.00	44.71 -0.06 0.00	35.94 -0.23 0.00	32.43 -0.13 0.00	39.57 -0.16 0.00	30.70 -0.11 0.00	32.22 -0.19 0.00	29.38 -0.10 0.00	29.82 -0.16 0.00	22.71 -0.10 0.00	25.81 -0.08 0.00	34.87 -0.13 0.00	52.19 -0.02 0.00	153.11 0.72 0.00	46.38 0.19 0.00	42.03 0.28 0.00	41.38 0.40 0.00
BROOME___LFGE 323600	63.33 0.09 0.00	45.70 -0.04 0.00	33.09 -0.01 0.00	38.56 0.04 0.00	38.84 0.04 0.00	45.65 -0.01 0.00	50.90 0.10 0.00	53.20 0.11 0.00	44.71 -0.06 0.00	35.94 -0.23 0.00	32.43 -0.13 0.00	39.57 -0.16 0.00	30.70 -0.11 0.00	32.22 -0.19 0.00	29.38 -0.10 0.00	29.82 -0.16 0.00	22.71 -0.10 0.00	25.81 -0.08 0.00	34.87 -0.13 0.00	52.19 -0.02 0.00	153.11 0.72 0.00	46.38 0.19 0.00	42.03 0.28 0.00	41.38 0.40 0.00
BROWNFLS_115KV_TB_3_5 80003	63.65 0.41 0.00	45.88 0.14 0.00	32.97 -0.13 0.00	38.35 -0.17 0.00	38.65 -0.15 0.00	45.75 0.09 0.00	50.81 0.01 0.00	53.31 0.22 0.00	44.63 -0.15 0.00	35.79 -0.37 0.00	31.91 -0.65 0.00	38.65 -1.07 0.00	29.79 -1.03 0.00	31.22 -1.18 0.00	28.30 -1.18 0.00	28.74 -1.25 0.00	22.00 -0.80 0.00	25.24 -0.66 0.00	34.44 -0.56 0.00	51.87 -0.34 0.00	151.38 -1.01 0.00	45.61 -0.58 0.00	41.13 -0.62 0.00	40.32 -0.67 0.00
BROWNSV1_27_KV_LOAD 356125	66.44 3.20 0.00	47.89 2.15 0.00	34.69 1.59 0.00	40.39 1.87 0.00	40.59 1.79 0.00	48.03 2.37 0.00	53.50 2.70 0.00	56.08 2.98 0.00	47.50 2.73 0.00	38.66 2.32 -0.17	34.91 2.34 0.00	42.65 2.93 0.00	36.03 2.38 -2.83	37.24 2.53 -2.31	34.96 2.36 -3.11	33.94 2.35 -1.61	43.50 1.81 -18.89	41.93 1.87 -14.16	38.20 2.40 -0.80	55.63 3.42 0.00	161.96 9.58 0.00	49.24 3.02 -0.03	44.37 2.61 -0.01	43.51 2.52 -0.01
BURROWS___LYONSDAL 23803	64.42 1.18 0.00	46.39 0.65 0.00	33.34 0.24 0.00	38.82 0.30 0.00	39.11 0.31 0.00	46.31 0.65 0.00	51.68 0.88 0.00	54.09 1.00 0.00	45.34 0.57 0.00	36.39 0.22 0.00	32.62 0.05 0.00	39.54 -0.18 0.00	30.51 -0.31 0.00	32.02 -0.39 0.00	29.05 -0.44 0.00	29.46 -0.52 0.00	22.48 -0.32 0.00	25.76 -0.14 0.00	35.22 0.22 0.00	52.90 0.70 0.00	154.20 1.81 0.00	46.44 0.26 0.00	41.88 0.12 0.00	41.05 0.07 0.00
CAITHNESS_CC_1 323624	64.61 1.37 0.00	46.57 0.83 0.00	33.86 0.76 0.00	39.50 0.99 0.00	39.49 0.69 0.00	46.72 1.06 0.00	51.70 0.90 0.00	54.21 1.16 0.05	46.08 1.30 0.00	37.56 1.40 0.01	34.41 1.84 0.00	41.67 1.95 0.00	32.14 1.53 0.20	33.96 1.72 0.16	31.05 1.79 0.22	31.53 1.66 0.11	23.41 1.54 0.93	26.76 1.47 0.62	36.73 1.77 0.03	54.85 2.64 0.00	158.06 6.71 1.04	48.59 2.41 0.00	43.39 1.64 0.00	42.58 1.60 0.00
CALPINE BETH_PAGE_GT4 24209	64.61 1.37 0.00	46.57 0.83 0.00	33.82 0.72 0.00	39.42 0.90 0.00	39.45 0.64 0.00	46.67 1.01 0.00	51.72 0.92 0.00	54.20 1.13 0.03	46.02 1.25 0.00	37.44 1.29 0.01	34.28 1.71 0.00	41.82 2.10 0.00	32.29 1.67 0.20	34.04 1.80 0.16	31.06 1.79 0.22	31.58 1.71 0.11	23.32 1.45 0.93	26.60 1.32 0.62	36.51 1.55 0.03	54.42 2.21 0.00	157.50 5.69 0.57	48.12 1.94 0.00	43.09 1.33 0.00	42.26 1.28 0.00
CALPINE_BETH_PAGE_GT_4 323586	64.61 1.37 0.00	46.57 0.83 0.00	33.82 0.72 0.00	39.42 0.90 0.00	39.45 0.65 0.00	46.67 1.01 0.00	51.72 0.92 0.00	54.20 1.13 0.03	46.03 1.25 0.00	37.45 1.29 0.01	34.28 1.71 0.00	41.81 2.09 0.00	32.29 1.67 0.20	34.05 1.81 0.16	31.06 1.80 0.22	31.58 1.70 0.11	23.32 1.45 0.93	26.60 1.32 0.62	36.51 1.55 0.03	54.42 2.21 0.00	157.40 5.58 0.57	48.13 1.94 0.00	43.09 1.33 0.00	42.26 1.28 0.00
CALPINE_BP_GT1 23823	64.61 1.37 0.00	46.57 0.83 0.00	33.82 0.72 0.00	39.42 0.90 0.00	39.45 0.65 0.00	46.67 1.01 0.00	51.72 0.92 0.00	54.20 1.13 0.03	46.03 1.25 0.00	37.45 1.29 0.01	34.28 1.71 0.00	41.81 2.09 0.00	32.29 1.67 0.20	34.05 1.81 0.16	31.06 1.80 0.22	31.58 1.70 0.11	23.32 1.45 0.93	26.60 1.32 0.62	36.51 1.55 0.03	54.42 2.21 0.00	157.40 5.58 0.57	48.13 1.94 0.00	43.09 1.33 0.00	42.26 1.28 0.00
CALSPAN___DRP 24200	60.75 -2.49 0.00	43.74 -2.00 0.00	31.68 -1.42 0.00	36.88 -1.64 0.00	37.29 -1.51 0.00	43.75 -1.91 0.00	48.88 -1.92 0.00	50.51 -2.59 0.00	42.24 -2.54 0.00	33.66 -2.50 0.00	30.07 -2.50 0.00	36.74 -2.98 0.00	28.55 -2.27 0.00	29.82 -2.59 0.00	27.19 -2.30 0.00	27.75 -2.24 0.00	21.31 -1.49 0.00	24.01 -1.89 0.00	32.18 -2.82 0.00	48.37 -3.84 0.00	142.38 -10.01 0.00	43.63 -2.55 0.00	40.39 -1.36 0.00	39.75 -1.23 0.00

CALVERTON___SOLAR 323806	64.83 1.59 0.00	46.71 0.97 0.00	33.96 0.86 0.00	39.62 1.10 0.00	39.60 0.80 0.00	46.86 1.20 0.00	51.87 1.07 0.00	54.39 1.35 0.05	46.25 1.48 0.00	37.70 1.55 0.01	34.49 1.92 0.00	41.72 2.00 0.00	32.16 1.55 0.20	34.03 1.79 0.16	31.15 1.89 0.22	31.65 1.78 0.11	23.53 1.66 0.93	26.91 1.63 0.62	36.99 2.03 0.03	55.26 3.05 0.00	159.26 7.91 1.03	48.94 2.76 0.00	43.70 1.94 0.00	42.86 1.89 0.00
CANDIGU_WT_PWR 323617	61.93 -1.31 0.00	44.50 -1.24 0.00	32.31 -0.79 0.00	37.69 -0.82 0.00	38.06 -0.74 0.00	44.62 -1.05 0.00	49.77 -1.03 0.00	51.75 -1.34 0.00	43.09 -1.69 0.00	34.18 -1.99 0.00	30.68 -1.89 0.00	37.44 -2.28 0.00	29.17 -1.65 0.00	30.57 -1.84 0.00	27.92 -1.56 0.00	28.34 -1.65 0.00	21.66 -1.15 0.00	24.63 -1.27 0.00	33.46 -1.55 0.00	50.59 -1.62 0.00	149.27 -3.12 0.00	45.40 -0.78 0.00	41.61 -0.15 0.00	41.05 0.07 0.00
CARR STREET_E_SYR 24060	62.49 -0.75 0.00	45.13 -0.61 0.00	32.65 -0.45 0.00	38.02 -0.49 0.00	38.31 -0.49 0.00	45.09 -0.58 0.00	50.25 -0.55 0.00	52.45 -0.64 0.00	44.11 -0.66 0.00	35.52 -0.64 0.00	31.97 -0.60 0.00	38.97 -0.75 0.00	30.24 -0.58 0.00	31.76 -0.64 0.00	28.91 -0.57 0.00	29.39 -0.59 0.00	22.38 -0.43 0.00	25.46 -0.44 0.00	34.45 -0.55 0.00	51.51 -0.70 0.00	150.66 -1.72 0.00	45.66 -0.52 0.00	41.35 -0.40 0.00	40.59 -0.39 0.00
CARTHAGE___PAPER 23857	64.77 1.53 0.00	46.53 0.79 0.00	33.29 0.19 0.00	38.77 0.25 0.00	39.10 0.29 0.00	46.50 0.84 0.00	51.93 1.13 0.00	54.35 1.26 0.00	45.17 0.40 0.00	35.98 -0.18 0.00	32.02 -0.55 0.00	38.72 -1.01 0.00	29.75 -1.07 0.00	31.15 -1.25 0.00	28.23 -1.25 0.00	28.63 -1.35 0.00	21.99 -0.81 0.00	25.37 -0.53 0.00	34.79 -0.22 0.00	52.78 0.57 0.00	153.96 1.57 0.00	46.21 0.03 0.00	41.59 -0.16 0.00	40.71 -0.27 0.00
CASSADAGA_WT_PWR 323784	63.06 -0.18 0.00	45.19 -0.55 0.00	32.81 -0.29 0.00	38.20 -0.32 0.00	38.51 -0.29 0.00	45.01 -0.65 0.00	50.46 -0.34 0.00	52.38 -0.72 0.00	43.64 -1.13 0.00	34.83 -1.33 0.00	31.40 -1.17 0.00	38.33 -1.39 0.00	29.77 -1.05 0.00	31.03 -1.38 0.00	28.28 -1.20 0.00	28.79 -1.19 0.00	22.11 -0.70 0.00	25.07 -0.83 0.00	33.67 -1.33 0.00	50.81 -1.40 0.00	150.05 -2.33 0.00	45.66 -0.53 0.00	42.01 0.25 0.00	41.33 0.35 0.00
CE_DUNWOOD___DRP 24194	65.47 2.23 0.00	47.24 1.49 0.00	34.20 1.10 0.00	39.83 1.30 0.00	40.02 1.22 0.00	47.31 1.64 0.00	52.66 1.86 0.00	55.20 2.11 0.00	46.73 1.95 0.00	37.85 1.68 -0.01	34.32 1.76 0.00	41.96 2.24 0.00	32.76 1.84 -0.11	34.46 1.97 -0.09	31.44 1.83 -0.12	31.87 1.82 -0.06	24.71 1.41 -0.50	27.65 1.42 -0.33	36.82 1.81 -0.02	54.75 2.54 0.00	159.36 6.98 0.00	48.39 2.20 0.00	43.60 1.84 0.00	42.77 1.79 0.00
CE_MILLWOOD___DRP 24193	65.31 2.06 0.00	47.13 1.39 0.00	34.12 1.02 0.00	39.74 1.22 0.00	39.94 1.14 0.00	47.21 1.55 0.00	52.56 1.76 0.00	55.09 2.00 0.00	46.62 1.85 0.00	37.75 1.58 0.00	34.23 1.66 0.00	41.86 2.14 0.00	32.65 1.75 -0.08	34.36 1.88 -0.07	31.34 1.76 -0.09	31.78 1.75 -0.05	24.28 1.35 -0.12	27.26 1.36 0.00	36.72 1.71 0.00	54.63 2.42 0.00	159.04 6.66 0.00	48.27 2.09 0.00	43.51 1.75 0.00	42.67 1.69 0.00
CE_NYC2_DRP 24202	66.04 2.80 0.00	47.67 1.93 -0.01	34.53 1.43 0.00	40.21 1.69 0.00	40.42 1.62 0.00	47.79 2.13 0.00	53.17 2.37 0.00	55.75 2.65 0.00	47.23 2.45 0.00	38.51 2.13 -0.21	34.76 2.18 -0.01	42.46 2.73 0.00	36.49 2.23 -3.45	37.59 2.37 -2.81	35.49 2.22 -3.79	34.16 2.21 -1.96	46.24 1.67 -21.76	43.66 1.71 -16.06	38.11 2.20 -0.91	55.29 3.08 0.00	160.75 8.36 0.00	48.98 2.76 -0.04	44.13 2.36 -0.01	43.30 2.31 -0.02
CE_NYC_DRP 24195	65.91 2.67 0.00	47.52 1.77 0.00	34.43 1.33 0.00	40.11 1.59 0.00	40.30 1.50 0.00	47.67 2.01 0.00	53.09 2.29 0.00	55.65 2.56 0.00	47.13 2.35 0.00	38.35 2.02 -0.16	34.64 2.07 0.00	42.33 2.60 0.00	35.62 2.13 -2.67	36.85 2.27 -2.17	34.53 2.12 -2.93	33.61 2.11 -1.52	42.57 1.62 -18.15	41.22 1.66 -13.67	37.88 2.11 -0.76	55.18 2.97 0.00	160.62 8.23 0.00	48.85 2.64 -0.03	44.01 2.24 -0.01	43.18 2.19 -0.01
CHAFFEE___LFGE 323603	62.99 -0.25 0.00	45.30 -0.44 0.00	32.85 -0.25 0.00	38.39 -0.13 0.00	38.70 -0.10 0.00	45.27 -0.39 0.00	50.54 -0.26 0.00	52.53 -0.56 0.00	43.94 -0.84 0.00	35.15 -1.01 0.00	31.70 -0.87 0.00	38.77 -0.96 0.00	30.08 -0.74 0.00	31.41 -0.99 0.00	28.64 -0.84 0.00	29.12 -0.86 0.00	22.28 -0.53 0.00	25.22 -0.68 0.00	33.84 -1.16 0.00	50.96 -1.25 0.00	150.30 -2.08 0.00	45.64 -0.54 0.00	41.83 0.07 0.00	41.35 0.37 0.00
CHATEAUG_35_KV_LOAD 355732	65.08 1.84 0.00	47.19 1.45 0.00	34.12 1.02 0.00	39.56 1.04 0.00	39.89 1.10 0.00	46.93 1.27 0.00	52.06 1.27 0.00	54.40 1.31 0.00	45.93 1.16 0.00	37.03 0.86 0.00	33.05 0.48 0.00	40.10 0.38 0.00	30.93 0.11 0.00	32.42 0.02 0.00	29.33 -0.15 0.00	29.78 -0.20 0.00	22.79 -0.01 0.00	26.03 0.13 0.00	35.35 0.34 0.00	53.07 0.86 0.00	155.35 2.97 0.00	46.80 0.61 0.00	41.93 0.18 0.00	40.97 -0.01 0.00
CHATEAUG_WT_PWR 323614	64.91 1.67 0.00	47.06 1.32 0.00	34.03 0.93 0.00	39.48 0.96 0.00	39.80 1.00 0.00	46.84 1.18 0.00	51.93 1.13 0.00	54.25 1.16 0.00	45.82 1.04 0.00	36.95 0.78 0.00	33.02 0.45 0.00	40.09 0.37 0.00	30.96 0.14 0.00	32.45 0.05 0.00	29.37 -0.11 0.00	29.81 -0.17 0.00	22.81 0.00 0.00	26.04 0.14 0.00	35.35 0.35 0.00	52.96 0.75 0.00	154.91 2.53 0.00	46.71 0.53 0.00	41.89 0.13 0.00	40.94 -0.04 0.00
CHAT_HIGH_FALL_HYD 323578	65.08 1.84 0.00	47.19 1.45 0.00	34.12 1.02 0.00	39.56 1.04 0.00	39.89 1.10 0.00	46.93 1.27 0.00	52.06 1.27 0.00	54.40 1.31 0.00	45.93 1.16 0.00	37.03 0.86 0.00	33.05 0.48 0.00	40.10 0.38 0.00	30.93 0.11 0.00	32.42 0.02 0.00	29.33 -0.15 0.00	29.78 -0.20 0.00	22.79 -0.01 0.00	26.03 0.13 0.00	35.35 0.34 0.00	53.07 0.86 0.00	155.35 2.97 0.00	46.80 0.61 0.00	41.93 0.18 0.00	40.97 -0.01 0.00
CHAUTAUQUA___LFGE 323629	62.13 -1.12 0.00	44.60 -1.14 0.00	32.35 -0.75 0.00	37.68 -0.84 0.00	38.05 -0.75 0.00	44.57 -1.09 0.00	49.91 -0.89 0.00	51.78 -1.31 0.00	43.20 -1.58 0.00	34.38 -1.78 0.00	30.93 -1.64 0.00	37.79 -1.93 0.00	29.36 -1.46 0.00	30.61 -1.80 0.00	27.93 -1.55 0.00	28.42 -1.56 0.00	21.83 -0.98 0.00	24.71 -1.20 0.00	33.13 -1.87 0.00	49.98 -2.24 0.00	147.56 -4.83 0.00	44.92 -1.26 0.00	41.39 -0.36 0.00	40.78 -0.20 0.00
CHERRYST_13_KV_LD 356241	66.09 2.85 0.00	47.65 1.91 0.00	34.53 1.43 0.00	40.22 1.70 0.00	40.43 1.62 0.00	47.82 2.16 0.00	53.25 2.45 0.00	55.82 2.73 0.00	47.26 2.49 0.00	38.46 2.13 -0.16	34.75 2.18 0.00	42.46 2.74 0.00	35.73 2.23 -2.69	36.96 2.37 -2.19	34.65 2.21 -2.95	33.71 2.20 -1.53	42.71 1.69 -18.22	41.35 1.74 -13.72	37.99 2.22 -0.77	55.33 3.12 0.00	161.08 8.69 0.00	48.99 2.78 -0.03	44.13 2.36 -0.01	43.30 2.31 -0.01

CHESTROR_138KV_BK263 355645	64.63 1.39 0.00	46.67 0.93 0.00	33.79 0.69 0.00	39.35 0.83 0.00	39.58 0.78 0.00	46.75 1.09 0.00	52.09 1.29 0.00	54.56 1.47 0.00	46.10 1.32 0.00	37.28 1.11 0.00	33.73 1.16 0.00	41.26 1.54 0.00	32.11 1.30 0.00	33.79 1.39 0.00	30.78 1.29 0.00	31.27 1.28 0.00	23.81 1.01 0.00	26.89 0.99 0.00	36.24 1.24 0.00	53.98 1.77 0.00	157.20 4.82 0.00	47.67 1.49 0.00	42.98 1.22 0.00	42.17 1.19 0.00
CH_MIDHUDSON___DRP 24192	65.27 2.03 0.00	47.13 1.39 0.00	34.13 1.03 0.00	39.74 1.22 0.00	39.95 1.15 0.00	47.16 1.50 0.00	52.52 1.72 0.00	55.03 1.94 0.00	46.58 1.81 0.00	37.71 1.55 0.00	34.17 1.60 0.00	41.82 2.10 0.00	32.53 1.71 0.00	34.25 1.85 0.00	31.21 1.73 0.00	31.72 1.73 0.00	24.12 1.32 0.00	27.26 1.36 0.00	36.71 1.71 0.00	54.58 2.37 0.00	158.88 6.50 0.00	48.21 2.02 0.00	43.45 1.69 0.00	42.60 1.62 0.00
CH_MISC_IPPS 23765	65.59 2.35 0.00	47.34 1.60 0.00	34.28 1.18 0.00	39.91 1.39 0.00	40.13 1.33 0.00	47.38 1.72 0.00	52.79 2.00 0.00	55.33 2.24 0.00	46.80 2.03 0.00	37.86 1.70 0.00	34.29 1.73 0.00	41.93 2.21 0.00	32.64 1.82 0.00	34.37 1.96 0.00	31.32 1.83 0.00	31.83 1.84 0.00	24.21 1.41 0.00	27.36 1.46 0.00	36.86 1.86 0.00	54.85 2.65 0.00	159.78 7.40 0.00	48.45 2.27 0.00	43.65 1.90 0.00	42.80 1.82 0.00
CH_RES_BVR_FALLS 23983	63.60 0.36 0.00	46.02 0.27 0.00	33.25 0.15 0.00	38.65 0.14 0.00	38.94 0.15 0.00	45.83 0.17 0.00	50.91 0.11 0.00	53.24 0.14 0.00	44.87 0.09 0.00	36.26 0.10 0.00	32.54 -0.03 0.00	39.62 -0.10 0.00	30.70 -0.11 0.00	32.26 -0.15 0.00	29.30 -0.19 0.00	29.81 -0.17 0.00	22.71 -0.10 0.00	25.85 -0.05 0.00	34.95 -0.05 0.00	52.17 -0.04 0.00	152.31 -0.08 0.00	46.11 -0.07 0.00	41.59 -0.16 0.00	40.78 -0.20 0.00
CH_RES_NIAGARA 23895	58.45 -4.79 0.00	42.11 -3.63 0.00	30.50 -2.60 0.00	35.48 -3.04 0.00	35.92 -2.88 0.00	42.15 -3.51 0.00	47.04 -3.76 0.00	48.42 -4.67 0.00	40.60 -4.17 0.00	32.43 -3.74 0.00	28.86 -3.70 0.00	35.24 -4.48 0.00	27.38 -3.44 0.00	28.57 -3.83 0.00	26.04 -3.45 0.00	26.65 -3.34 0.00	20.50 -2.31 0.00	23.00 -2.90 0.00	30.71 -4.30 0.00	45.96 -6.24 0.00	135.01 -17.37 0.00	41.48 -4.70 0.00	38.68 -3.08 0.00	38.04 -2.94 0.00
CH_RES_SYRACUSE 23985	62.88 -0.37 0.00	45.42 -0.32 0.00	32.87 -0.23 0.00	38.25 -0.27 0.00	38.55 -0.25 0.00	45.38 -0.28 0.00	50.58 -0.22 0.00	52.81 -0.28 0.00	44.36 -0.41 0.00	35.71 -0.46 0.00	32.13 -0.44 0.00	39.17 -0.55 0.00	30.38 -0.44 0.00	31.91 -0.50 0.00	29.05 -0.44 0.00	29.53 -0.46 0.00	22.49 -0.32 0.00	25.58 -0.32 0.00	34.67 -0.33 0.00	51.80 -0.40 0.00	151.58 -0.80 0.00	45.94 -0.24 0.00	41.59 -0.17 0.00	40.84 -0.14 0.00
CLINTON_WT_PWR 323605	64.91 1.67 0.00	47.06 1.32 0.00	34.03 0.93 0.00	39.48 0.96 0.00	39.80 1.00 0.00	46.84 1.18 0.00	51.93 1.13 0.00	54.25 1.16 0.00	45.82 1.04 0.00	36.95 0.78 0.00	33.02 0.45 0.00	40.09 0.37 0.00	30.96 0.14 0.00	32.45 0.05 0.00	29.37 -0.11 0.00	29.81 -0.17 0.00	22.81 0.00 0.00	26.04 0.14 0.00	35.35 0.35 0.00	52.96 0.75 0.00	154.91 2.53 0.00	46.71 0.53 0.00	41.89 0.13 0.00	40.94 -0.04 0.00
CLINTON___LFGE 323618	65.60 2.36 0.00	47.55 1.81 0.00	34.42 1.32 0.00	39.90 1.38 0.00	40.21 1.42 0.00	47.34 1.68 0.00	52.52 1.73 0.00	54.85 1.76 0.00	46.39 1.62 0.00	37.41 1.25 0.00	33.40 0.83 0.00	40.50 0.78 0.00	31.22 0.40 0.00	32.73 0.32 0.00	29.59 0.11 0.00	30.00 0.01 0.00	22.95 0.14 0.00	26.21 0.32 0.00	35.65 0.65 0.00	53.47 1.26 0.00	156.59 4.20 0.00	47.30 1.11 0.00	42.38 0.62 0.00	41.37 0.39 0.00
COBBLENY_34_KV_TB1 80064	62.99 -0.25 0.00	45.30 -0.44 0.00	32.85 -0.25 0.00	38.39 -0.13 0.00	38.70 -0.10 0.00	45.27 -0.39 0.00	50.54 -0.26 0.00	52.53 -0.56 0.00	43.95 -0.83 0.00	35.15 -1.01 0.00	31.69 -0.87 0.00	38.76 -0.96 0.00	30.07 -0.75 0.00	31.41 -1.00 0.00	28.64 -0.84 0.00	29.12 -0.86 0.00	22.27 -0.53 0.00	25.21 -0.69 0.00	33.83 -1.17 0.00	50.94 -1.27 0.00	150.21 -2.18 0.00	45.65 -0.54 0.00	41.83 0.07 0.00	41.35 0.37 0.00
COFFEEN___115KV_TB3 355620	64.54 1.30 0.00	46.30 0.56 0.00	33.10 0.00 0.00	38.56 0.04 0.00	38.89 0.09 0.00	46.32 0.66 0.00	51.81 1.01 0.00	54.18 1.09 0.00	44.69 -0.09 0.00	35.41 -0.76 0.00	31.58 -0.99 0.00	38.17 -1.55 0.00	29.35 -1.46 0.00	30.76 -1.64 0.00	27.89 -1.60 0.00	28.30 -1.69 0.00	21.79 -1.02 0.00	25.03 -0.87 0.00	34.37 -0.63 0.00	52.52 0.32 0.00	153.67 1.29 0.00	46.12 -0.07 0.00	41.48 -0.27 0.00	40.54 -0.44 0.00
COLDSPRG_115KV_BK1 355956	63.89 0.65 0.00	45.87 0.13 0.00	33.27 0.17 0.00	38.80 0.28 0.00	39.13 0.33 0.00	45.82 0.16 0.00	51.27 0.47 0.00	53.27 0.18 0.00	44.47 -0.31 0.00	35.47 -0.69 0.00	31.94 -0.63 0.00	39.00 -0.72 0.00	30.27 -0.54 0.00	31.57 -0.83 0.00	28.80 -0.69 0.00	29.29 -0.70 0.00	22.46 -0.35 0.00	25.43 -0.46 0.00	34.17 -0.83 0.00	51.54 -0.66 0.00	152.05 -0.33 0.00	46.30 0.11 0.00	42.52 0.77 0.00	41.91 0.93 0.00
COLONIE_LFGE___ 323577	64.23 0.99 0.00	46.52 0.77 0.00	33.65 0.55 0.00	39.21 0.69 0.00	39.50 0.69 0.00	46.41 0.75 0.00	51.72 0.92 0.00	54.05 0.96 0.00	45.79 1.01 0.00	37.16 0.99 0.00	33.55 0.98 0.00	41.00 1.28 0.00	31.81 0.99 0.00	33.55 1.14 0.00	30.53 1.04 0.00	31.04 1.05 0.00	23.50 0.69 0.00	26.67 0.77 0.00	36.02 1.02 0.00	53.47 1.27 0.00	155.68 3.30 0.00	47.10 0.92 0.00	42.58 0.82 0.00	41.74 0.75 0.00
COOPERNY_115KV_TB1 80082	64.21 0.97 0.00	46.40 0.66 0.00	33.59 0.49 0.00	39.12 0.60 0.00	39.36 0.55 0.00	46.44 0.78 0.00	51.71 0.91 0.00	54.14 1.05 0.00	45.71 0.94 0.00	36.95 0.78 0.00	33.40 0.83 0.00	40.81 1.09 0.00	31.73 0.92 0.00	33.39 0.98 0.00	30.40 0.91 0.00	30.89 0.91 0.00	23.51 0.71 0.00	26.59 0.70 0.00	35.87 0.87 0.00	53.44 1.24 0.00	155.81 3.43 0.00	47.24 1.06 0.00	42.62 0.87 0.00	41.83 0.85 0.00
COPENHAGEN_WT_PWR 323753	64.08 0.84 0.00	45.92 0.18 0.00	32.76 -0.34 0.00	38.14 -0.38 0.00	38.46 -0.34 0.00	45.90 0.23 0.00	51.35 0.55 0.00	53.74 0.65 0.00	44.54 -0.24 0.00	35.42 -0.74 0.00	31.61 -0.95 0.00	38.22 -1.50 0.00	29.38 -1.44 0.00	30.79 -1.61 0.00	27.91 -1.57 0.00	28.30 -1.69 0.00	21.73 -1.08 0.00	25.01 -0.89 0.00	34.23 -0.77 0.00	51.94 -0.27 0.00	151.43 -0.96 0.00	45.39 -0.79 0.00	40.86 -0.90 0.00	39.95 -1.03 0.00
CORNELL_____ 23752	64.13 0.89 0.00	46.30 0.56 0.00	33.50 0.40 0.00	38.97 0.45 0.00	39.27 0.47 0.00	46.18 0.52 0.00	51.51 0.71 0.00	53.80 0.70 0.00	45.14 0.37 0.00	36.16 0.00 0.00	32.44 -0.13 0.00	39.47 -0.25 0.00	30.59 -0.22 0.00	32.07 -0.34 0.00	29.19 -0.30 0.00	29.66 -0.32 0.00	22.58 -0.22 0.00	25.71 -0.19 0.00	35.02 0.02 0.00	52.79 0.58 0.00	154.99 2.61 0.00	47.01 0.82 0.00	42.55 0.79 0.00	41.79 0.81 0.00

CORONA_V_69_KV_TB1 355595	65.35 2.11 0.00	47.14 1.39 0.00	34.23 1.13 0.00	39.86 1.34 0.00	39.90 1.10 0.00	47.22 1.56 0.00	52.34 1.54 0.00	54.89 1.73 -0.07	46.52 1.74 0.00	37.81 1.66 0.01	34.56 2.00 0.00	42.05 2.33 0.00	32.52 1.90 0.20	34.33 2.09 0.16	31.28 2.01 0.22	31.82 1.95 0.11	23.46 1.59 0.93	26.88 1.59 0.62	36.87 1.91 0.03	54.93 2.72 0.00	160.98 7.10 -1.49	48.56 2.38 0.00	43.53 1.77 0.00	42.68 1.70 0.00
CORTLAND_115KV_TB3 80093	63.67 0.43 0.00	45.97 0.23 0.00	33.26 0.16 0.00	38.73 0.21 0.00	39.01 0.21 0.00	45.90 0.23 0.00	51.18 0.39 0.00	53.47 0.38 0.00	44.95 0.17 0.00	36.12 -0.05 0.00	32.45 -0.12 0.00	39.55 -0.18 0.00	30.68 -0.13 0.00	32.20 -0.21 0.00	29.30 -0.19 0.00	29.76 -0.22 0.00	22.67 -0.14 0.00	25.78 -0.11 0.00	34.99 -0.01 0.00	52.53 0.32 0.00	153.90 1.51 0.00	46.63 0.45 0.00	42.19 0.43 0.00	41.46 0.48 0.00
COXSACKIE___GT 23611	65.87 2.63 0.00	47.68 1.94 0.00	34.53 1.44 0.00	40.19 1.67 0.00	40.47 1.67 0.00	47.57 1.91 0.00	53.06 2.27 0.00	55.53 2.44 0.00	47.09 2.31 0.00	38.09 1.92 0.00	34.24 1.68 0.00	41.92 2.20 0.00	32.54 1.72 0.00	34.26 1.86 0.00	31.06 1.57 0.00	31.52 1.54 0.00	24.01 1.21 0.00	27.04 1.14 0.00	36.74 1.74 0.00	55.10 2.89 0.00	160.61 8.23 0.00	48.50 2.32 0.00	43.77 2.01 0.00	42.80 1.82 0.00
CPV_VALLEY___CC1 323721	64.20 0.96 0.00	46.36 0.62 0.00	33.58 0.48 0.00	39.10 0.58 0.00	39.33 0.53 0.00	46.44 0.77 0.00	51.72 0.92 0.00	54.18 1.09 0.00	45.78 1.01 0.00	37.03 0.86 0.00	33.52 0.95 0.00	40.97 1.24 0.00	31.89 1.08 0.00	33.56 1.16 0.00	30.57 1.09 0.00	31.06 1.08 0.00	23.66 0.85 0.00	26.71 0.81 0.00	35.99 0.99 0.00	53.58 1.37 0.00	156.01 3.63 0.00	47.32 1.14 0.00	42.68 0.92 0.00	41.87 0.89 0.00
CPV_VALLEY___CC2 323722	64.20 0.96 0.00	46.36 0.62 0.00	33.58 0.48 0.00	39.10 0.58 0.00	39.33 0.53 0.00	46.44 0.77 0.00	51.72 0.92 0.00	54.18 1.09 0.00	45.78 1.01 0.00	37.03 0.86 0.00	33.52 0.95 0.00	40.97 1.24 0.00	31.89 1.08 0.00	33.56 1.16 0.00	30.57 1.09 0.00	31.06 1.08 0.00	23.66 0.85 0.00	26.71 0.81 0.00	35.99 0.99 0.00	53.58 1.37 0.00	156.01 3.63 0.00	47.32 1.14 0.00	42.68 0.92 0.00	41.87 0.89 0.00
CRESCENT___HYD 24018	64.23 0.99 0.00	46.52 0.77 0.00	33.65 0.55 0.00	39.21 0.69 0.00	39.50 0.69 0.00	46.41 0.75 0.00	51.72 0.92 0.00	54.05 0.96 0.00	45.79 1.01 0.00	37.16 0.99 0.00	33.55 0.98 0.00	41.00 1.28 0.00	31.81 0.99 0.00	33.55 1.14 0.00	30.53 1.04 0.00	31.04 1.05 0.00	23.50 0.69 0.00	26.67 0.77 0.00	36.02 1.02 0.00	53.47 1.27 0.00	155.68 3.30 0.00	47.10 0.92 0.00	42.58 0.82 0.00	41.74 0.75 0.00
CRICKET___VALLEY_CC1 323756	64.56 1.32 0.00	46.67 0.93 0.00	33.81 0.71 0.00	39.37 0.85 0.00	39.59 0.79 0.00	46.69 1.02 0.00	51.97 1.17 0.00	54.45 1.36 0.00	46.18 1.40 0.00	37.44 1.28 0.00	33.94 1.37 0.00	41.68 1.96 0.00	32.37 1.56 0.00	34.11 1.70 0.00	31.07 1.59 0.00	31.56 1.58 0.00	24.01 1.21 0.00	27.11 1.21 0.00	36.46 1.45 0.00	54.10 1.89 0.00	157.34 4.96 0.00	47.73 1.54 0.00	43.05 1.29 0.00	42.19 1.21 0.00
CRICKET___VALLEY_CC2 323757	64.56 1.32 0.00	46.67 0.93 0.00	33.81 0.71 0.00	39.37 0.85 0.00	39.59 0.79 0.00	46.69 1.02 0.00	51.97 1.17 0.00	54.45 1.36 0.00	46.18 1.40 0.00	37.44 1.28 0.00	33.94 1.37 0.00	41.68 1.96 0.00	32.37 1.56 0.00	34.11 1.70 0.00	31.07 1.59 0.00	31.56 1.58 0.00	24.01 1.21 0.00	27.11 1.21 0.00	36.46 1.45 0.00	54.10 1.89 0.00	157.34 4.96 0.00	47.73 1.54 0.00	43.05 1.29 0.00	42.19 1.21 0.00
CRICKET___VALLEY_CC3 323758	64.56 1.32 0.00	46.67 0.93 0.00	33.81 0.71 0.00	39.37 0.85 0.00	39.59 0.79 0.00	46.69 1.02 0.00	51.97 1.17 0.00	54.45 1.36 0.00	46.18 1.40 0.00	37.44 1.28 0.00	33.94 1.37 0.00	41.68 1.96 0.00	32.37 1.56 0.00	34.11 1.70 0.00	31.07 1.59 0.00	31.56 1.58 0.00	24.01 1.21 0.00	27.11 1.21 0.00	36.46 1.45 0.00	54.10 1.89 0.00	157.34 4.96 0.00	47.73 1.54 0.00	43.05 1.29 0.00	42.19 1.21 0.00
CRUCIBLE_METL_DRP 24180	62.87 -0.37 0.00	45.42 -0.32 0.00	32.86 -0.23 0.00	38.25 -0.27 0.00	38.55 -0.25 0.00	45.37 -0.28 0.00	50.58 -0.22 0.00	52.81 -0.28 0.00	44.36 -0.41 0.00	35.71 -0.46 0.00	32.13 -0.44 0.00	39.16 -0.56 0.00	30.37 -0.44 0.00	31.91 -0.49 0.00	29.05 -0.44 0.00	29.52 -0.46 0.00	22.49 -0.32 0.00	25.58 -0.32 0.00	34.67 -0.33 0.00	51.80 -0.40 0.00	151.57 -0.81 0.00	45.94 -0.24 0.00	41.58 -0.17 0.00	40.84 -0.14 0.00
DAHOWA___HYDRO 323763	65.45 2.21 0.00	47.31 1.57 0.00	34.16 1.06 0.00	39.83 1.31 0.00	40.15 1.36 0.00	47.21 1.54 0.00	52.64 1.84 0.00	54.97 1.88 0.00	46.55 1.78 0.00	37.72 1.56 0.00	34.01 1.44 0.00	41.53 1.81 0.00	32.15 1.34 0.00	33.80 1.40 0.00	30.75 1.27 0.00	31.27 1.28 0.00	23.63 0.82 0.00	26.89 0.99 0.00	36.43 1.43 0.00	54.28 2.07 0.00	158.30 5.91 0.00	47.91 1.72 0.00	43.28 1.52 0.00	42.45 1.47 0.00
DANC___LFGE 323619	63.25 0.01 0.00	45.45 -0.29 0.00	32.60 -0.50 0.00	37.96 -0.56 0.00	38.24 -0.56 0.00	45.39 -0.27 0.00	50.67 -0.12 0.00	53.00 -0.10 0.00	44.14 -0.64 0.00	35.26 -0.90 0.00	31.58 -0.99 0.00	38.29 -1.43 0.00	29.54 -1.28 0.00	30.98 -1.42 0.00	28.13 -1.35 0.00	28.55 -1.43 0.00	21.84 -0.97 0.00	25.02 -0.87 0.00	34.13 -0.87 0.00	51.54 -0.67 0.00	150.51 -1.87 0.00	45.33 -0.86 0.00	40.88 -0.88 0.00	40.02 -0.96 0.00
DANSKAMMER___1 23586	65.59 2.35 0.00	47.34 1.60 0.00	34.28 1.18 0.00	39.91 1.39 0.00	40.13 1.33 0.00	47.38 1.72 0.00	52.79 2.00 0.00	55.33 2.24 0.00	46.80 2.03 0.00	37.86 1.70 0.00	34.29 1.73 0.00	41.93 2.21 0.00	32.64 1.82 0.00	34.37 1.96 0.00	31.32 1.83 0.00	31.83 1.84 0.00	24.21 1.41 0.00	27.36 1.46 0.00	36.86 1.86 0.00	54.85 2.65 0.00	159.78 7.40 0.00	48.45 2.27 0.00	43.65 1.90 0.00	42.80 1.82 0.00
DANSKAMMER___2 23589	65.59 2.35 0.00	47.34 1.60 0.00	34.28 1.18 0.00	39.91 1.39 0.00	40.13 1.33 0.00	47.38 1.72 0.00	52.79 2.00 0.00	55.33 2.24 0.00	46.80 2.03 0.00	37.86 1.70 0.00	34.29 1.73 0.00	41.93 2.21 0.00	32.64 1.82 0.00	34.37 1.96 0.00	31.32 1.83 0.00	31.83 1.84 0.00	24.21 1.41 0.00	27.36 1.46 0.00	36.86 1.86 0.00	54.85 2.65 0.00	159.78 7.40 0.00	48.45 2.27 0.00	43.65 1.90 0.00	42.80 1.82 0.00
DANSKAMMER___3 23590	65.59 2.35 0.00	47.34 1.60 0.00	34.28 1.18 0.00	39.91 1.39 0.00	40.13 1.33 0.00	47.38 1.72 0.00	52.79 2.00 0.00	55.33 2.24 0.00	46.80 2.03 0.00	37.86 1.70 0.00	34.29 1.73 0.00	41.93 2.21 0.00	32.64 1.82 0.00	34.37 1.96 0.00	31.32 1.83 0.00	31.83 1.84 0.00	24.21 1.41 0.00	27.36 1.46 0.00	36.86 1.86 0.00	54.85 2.65 0.00	159.78 7.40 0.00	48.45 2.27 0.00	43.65 1.90 0.00	42.80 1.82 0.00

DANSKAMMER___4 23591	65.59 2.35 0.00	47.34 1.60 0.00	34.28 1.18 0.00	39.91 1.39 0.00	40.13 1.33 0.00	47.38 1.72 0.00	52.79 2.00 0.00	55.33 2.24 0.00	46.80 2.03 0.00	37.86 1.70 0.00	34.29 1.73 0.00	41.93 2.21 0.00	32.64 1.82 0.00	34.37 1.96 0.00	31.32 1.83 0.00	31.83 1.84 0.00	24.21 1.41 0.00	27.36 1.46 0.00	36.86 1.86 0.00	54.85 2.65 0.00	159.78 7.40 0.00	48.45 2.27 0.00	43.65 1.90 0.00	42.80 1.82 0.00
DANSKAMMER___DIESEL 23592	65.59 2.35 0.00	47.34 1.60 0.00	34.28 1.18 0.00	39.90 1.38 0.00	40.13 1.33 0.00	47.38 1.72 0.00	52.80 2.00 0.00	55.33 2.24 0.00	46.80 2.02 0.00	37.86 1.70 0.00	34.29 1.73 0.00	41.93 2.21 0.00	32.64 1.82 0.00	34.37 1.96 0.00	31.32 1.83 0.00	31.83 1.84 0.00	24.21 1.41 0.00	27.36 1.46 0.00	36.86 1.86 0.00	54.86 2.65 0.00	159.78 7.40 0.00	48.45 2.27 0.00	43.65 1.90 0.00	42.80 1.82 0.00
DARBY___SOLAR 323810	65.35 2.11 0.00	47.26 1.52 0.00	34.14 1.04 0.00	39.79 1.27 0.00	40.11 1.31 0.00	47.14 1.48 0.00	52.58 1.78 0.00	54.90 1.81 0.00	46.49 1.71 0.00	37.66 1.50 0.00	33.95 1.39 0.00	41.48 1.76 0.00	32.12 1.31 0.00	33.77 1.36 0.00	30.72 1.24 0.00	31.24 1.26 0.00	23.61 0.80 0.00	26.88 0.98 0.00	36.42 1.41 0.00	54.24 2.04 0.00	158.15 5.76 0.00	47.85 1.67 0.00	43.23 1.48 0.00	42.41 1.43 0.00
DASHVILLE___HYD 23610	65.12 1.88 0.00	47.02 1.28 0.00	34.06 0.96 0.00	39.64 1.12 0.00	39.87 1.08 0.00	47.06 1.40 0.00	52.40 1.60 0.00	54.91 1.82 0.00	46.43 1.66 0.00	37.57 1.40 0.00	34.04 1.47 0.00	41.62 1.90 0.00	32.39 1.58 0.00	34.11 1.70 0.00	31.09 1.61 0.00	31.62 1.63 0.00	24.06 1.26 0.00	27.16 1.26 0.00	36.56 1.55 0.00	54.39 2.19 0.00	158.42 6.04 0.00	48.08 1.89 0.00	43.30 1.55 0.00	42.47 1.49 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	64.58 1.34 0.00	46.46 0.72 0.00	33.80 0.70 0.00	39.40 0.88 0.00	39.38 0.58 0.00	46.63 0.96 0.00	51.65 0.85 0.00	54.20 1.16 0.05	46.16 1.39 0.00	37.62 1.47 0.01	34.38 1.81 0.00	41.51 1.79 0.00	31.98 1.36 0.20	33.90 1.66 0.16	31.26 1.99 0.22	31.96 2.09 0.11	23.91 2.04 0.93	27.44 2.16 0.62	37.80 2.84 0.03	56.53 4.32 0.00	163.13 11.78 1.03	50.00 3.82 0.00	44.63 2.88 0.00	43.73 2.75 0.00
DELAWARE___LFGE 323621	64.59 1.35 0.00	46.71 0.97 0.00	33.80 0.70 0.00	39.34 0.82 0.00	39.57 0.78 0.00	46.60 0.94 0.00	51.86 1.06 0.00	54.24 1.15 0.00	45.77 1.00 0.00	36.97 0.80 0.00	33.35 0.78 0.00	40.69 0.97 0.00	31.56 0.75 0.00	33.19 0.79 0.00	30.20 0.72 0.00	30.70 0.71 0.00	23.33 0.52 0.00	26.46 0.56 0.00	35.81 0.81 0.00	53.47 1.26 0.00	156.08 3.70 0.00	47.35 1.17 0.00	42.75 1.00 0.00	42.00 1.02 0.00
DERFIELD_115KV_TB7 355931	63.18 -0.06 0.00	45.70 -0.05 0.00	33.07 -0.03 0.00	38.48 -0.04 0.00	38.76 -0.04 0.00	45.61 -0.05 0.00	50.78 -0.02 0.00	53.08 -0.01 0.00	44.82 0.04 0.00	36.22 0.06 0.00	32.66 0.09 0.00	39.84 0.11 0.00	30.90 0.08 0.00	32.50 0.10 0.00	29.58 0.09 0.00	30.07 0.08 0.00	22.84 0.03 0.00	25.93 0.03 0.00	35.08 0.08 0.00	52.31 0.10 0.00	152.60 0.21 0.00	46.23 0.04 0.00	41.76 0.00 0.00	40.97 -0.01 0.00
DOGLEVILLE___HYD 23807	61.95 -1.29 0.00	44.81 -0.94 0.00	32.50 -0.60 0.00	37.79 -0.73 0.00	37.93 -0.87 0.00	44.53 -1.13 0.00	49.68 -1.12 0.00	52.19 -0.90 0.00	44.25 -0.52 0.00	35.88 -0.29 0.00	32.60 0.03 0.00	39.73 0.01 0.00	30.49 -0.32 0.00	32.25 -0.16 0.00	29.15 -0.34 0.00	29.37 -0.61 0.00	21.90 -0.90 0.00	25.04 -0.85 0.00	34.62 -0.39 0.00	52.05 -0.16 0.00	152.11 -0.27 0.00	45.86 -0.32 0.00	41.32 -0.44 0.00	40.26 -0.72 0.00
DUNKIRK___115KV_TB_200 55889	62.02 -1.22 0.00	44.53 -1.21 0.00	32.29 -0.81 0.00	37.62 -0.90 0.00	38.00 -0.80 0.00	44.52 -1.14 0.00	49.86 -0.94 0.00	51.73 -1.37 0.00	43.17 -1.61 0.00	34.35 -1.82 0.00	30.89 -1.68 0.00	37.75 -1.97 0.00	29.31 -1.50 0.00	30.56 -1.84 0.00	27.90 -1.58 0.00	28.38 -1.60 0.00	21.80 -1.01 0.00	24.66 -1.24 0.00	33.08 -1.92 0.00	49.87 -2.34 0.00	147.19 -5.19 0.00	44.85 -1.34 0.00	41.30 -0.45 0.00	40.71 -0.27 0.00
DUNKIRK___1 23563	62.02 -1.22 0.00	44.53 -1.21 0.00	32.29 -0.81 0.00	37.62 -0.90 0.00	38.00 -0.80 0.00	44.52 -1.14 0.00	49.86 -0.94 0.00	51.73 -1.37 0.00	43.17 -1.61 0.00	34.35 -1.82 0.00	30.89 -1.68 0.00	37.75 -1.97 0.00	29.31 -1.50 0.00	30.56 -1.84 0.00	27.90 -1.58 0.00	28.38 -1.60 0.00	21.80 -1.01 0.00	24.66 -1.24 0.00	33.08 -1.92 0.00	49.87 -2.34 0.00	147.19 -5.19 0.00	44.85 -1.34 0.00	41.30 -0.45 0.00	40.71 -0.27 0.00
DUNKIRK___2 23564	62.02 -1.22 0.00	44.53 -1.21 0.00	32.29 -0.81 0.00	37.62 -0.90 0.00	38.00 -0.80 0.00	44.52 -1.14 0.00	49.86 -0.94 0.00	51.73 -1.37 0.00	43.17 -1.61 0.00	34.35 -1.82 0.00	30.89 -1.68 0.00	37.75 -1.97 0.00	29.31 -1.50 0.00	30.56 -1.84 0.00	27.90 -1.58 0.00	28.38 -1.60 0.00	21.80 -1.01 0.00	24.66 -1.24 0.00	33.08 -1.92 0.00	49.87 -2.34 0.00	147.19 -5.19 0.00	44.85 -1.34 0.00	41.30 -0.45 0.00	40.71 -0.27 0.00
DUNKIRK___3 23565	61.63 -1.61 0.00	44.29 -1.45 0.00	32.10 -1.00 0.00	37.41 -1.11 0.00	37.79 -1.01 0.00	44.29 -1.37 0.00	49.57 -1.23 0.00	51.39 -1.70 0.00	42.91 -1.87 0.00	34.17 -1.99 0.00	30.69 -1.88 0.00	37.51 -2.21 0.00	29.14 -1.68 0.00	30.40 -2.01 0.00	27.74 -1.74 0.00	28.24 -1.74 0.00	21.68 -1.13 0.00	24.50 -1.40 0.00	32.85 -2.15 0.00	49.47 -2.74 0.00	145.89 -6.49 0.00	44.49 -1.69 0.00	41.01 -0.74 0.00	40.42 -0.55 0.00
DUNKIRK___4 23566	61.63 -1.61 0.00	44.29 -1.45 0.00	32.10 -1.00 0.00	37.41 -1.11 0.00	37.79 -1.01 0.00	44.29 -1.37 0.00	49.57 -1.23 0.00	51.39 -1.70 0.00	42.91 -1.87 0.00	34.17 -1.99 0.00	30.69 -1.88 0.00	37.51 -2.21 0.00	29.14 -1.68 0.00	30.40 -2.01 0.00	27.74 -1.74 0.00	28.24 -1.74 0.00	21.68 -1.13 0.00	24.50 -1.40 0.00	32.85 -2.15 0.00	49.47 -2.74 0.00	145.89 -6.49 0.00	44.49 -1.69 0.00	41.01 -0.74 0.00	40.42 -0.55 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	65.65 2.41 0.00	47.38 1.64 0.00	34.31 1.21 0.00	39.94 1.42 0.00	40.14 1.35 0.00	47.44 1.78 0.00	52.81 2.01 0.00	55.33 2.24 0.00	46.84 2.06 0.00	37.96 1.79 0.00	34.42 1.85 0.00	42.09 2.36 0.00	32.75 1.93 0.00	34.47 2.07 0.00	31.42 1.93 0.00	31.90 1.92 0.00	24.29 1.49 0.00	27.40 1.51 0.00	36.91 1.91 0.00	54.90 2.70 0.00	159.83 7.44 0.00	48.53 2.35 0.00	43.74 1.99 0.00	42.90 1.92 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	65.08 1.84 0.00	46.98 1.24 0.00	34.01 0.91 0.00	39.60 1.08 0.00	39.83 1.03 0.00	47.04 1.38 0.00	52.42 1.62 0.00	54.94 1.84 0.00	46.41 1.64 0.00	37.54 1.37 0.00	33.99 1.43 0.00	41.55 1.83 0.00	32.35 1.54 0.00	34.05 1.65 0.00	31.03 1.54 0.00	31.53 1.55 0.00	24.00 1.20 0.00	27.11 1.21 0.00	36.53 1.53 0.00	54.40 2.19 0.00	158.42 6.04 0.00	48.04 1.86 0.00	43.30 1.55 0.00	42.47 1.49 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	65.85 2.61 0.00	47.55 1.80 -0.01	34.39 1.29 0.00	40.06 1.54 0.00	40.26 1.46 0.00	47.60 1.93 0.00	52.91 2.11 0.00	55.50 2.40 0.00	47.04 2.26 0.00	38.29 1.95 -0.17	34.59 2.02 -0.01	42.26 2.54 0.00	35.70 2.06 -2.83	36.91 2.21 -2.30	34.43 2.07 -2.88	33.64 2.06 -1.60	43.25 1.55 -18.89	41.63 1.57 -14.16	37.75 2.01 -0.75	55.02 2.81 0.00	160.07 7.69 0.00	48.70 2.51 -0.01	43.91 2.15 0.00	43.06 2.08 0.00
E179THST_13_KV_LOAD 356214	66.13 2.89 0.00	47.74 2.00 -0.01	34.52 1.42 0.00	40.21 1.69 0.00	40.41 1.61 0.00	47.76 2.10 0.00	53.10 2.31 0.00	55.71 2.62 0.00	47.22 2.44 0.00	38.43 2.10 -0.17	34.73 2.16 -0.01	42.44 2.72 0.00	35.84 2.20 -2.83	37.06 2.35 -2.30	34.56 2.20 -2.88	33.78 2.19 -1.60	43.35 1.65 -18.89	41.74 1.68 -14.16	37.93 2.18 -0.75	55.25 3.04 0.00	160.82 8.43 0.00	48.91 2.73 -0.01	44.09 2.33 0.00	43.24 2.25 0.00
EAST HAMPTON___GT 23717	63.43 0.19 0.00	45.61 -0.13 0.00	33.18 0.08 0.00	38.68 0.16 0.00	38.64 -0.15 0.00	45.77 0.11 0.00	50.72 -0.08 0.00	53.28 0.23 0.05	45.43 0.65 0.00	37.03 0.87 0.01	33.83 1.26 0.00	40.81 1.09 0.00	31.45 0.83 0.20	33.46 1.21 0.16	31.03 1.76 0.22	31.95 2.08 0.11	24.06 2.18 0.93	27.71 2.43 0.62	38.21 3.24 0.03	57.15 4.94 0.00	164.82 13.47 1.03	50.51 4.33 0.00	45.08 3.32 0.00	44.14 3.16 0.00
EAST RIVER___6 23660	66.01 2.77 0.00	47.60 1.86 0.00	34.49 1.39 0.00	40.18 1.67 0.00	40.39 1.58 0.00	47.77 2.11 0.00	53.20 2.40 0.00	55.76 2.67 0.00	47.22 2.45 0.00	38.43 2.09 -0.17	34.71 2.14 0.00	42.41 2.69 0.00	35.75 2.20 -2.74	36.97 2.34 -2.23	34.67 2.18 -3.01	33.71 2.17 -1.56	42.94 1.67 -18.46	41.49 1.71 -13.88	37.96 2.18 -0.78	55.29 3.08 0.00	160.93 8.54 0.00	48.96 2.75 -0.03	44.10 2.33 -0.01	43.27 2.27 -0.01
EAST RIVER___7 23524	66.01 2.77 0.00	47.60 1.86 0.00	34.49 1.39 0.00	40.18 1.67 0.00	40.39 1.58 0.00	47.77 2.11 0.00	53.20 2.40 0.00	55.76 2.67 0.00	47.22 2.45 0.00	38.43 2.09 -0.17	34.71 2.14 0.00	42.41 2.69 0.00	35.75 2.20 -2.74	36.97 2.34 -2.23	34.67 2.18 -3.01	33.71 2.17 -1.56	42.94 1.67 -18.46	41.49 1.71 -13.88	37.96 2.18 -0.78	55.29 3.08 0.00	160.93 8.54 0.00	48.96 2.75 -0.03	44.10 2.33 -0.01	43.27 2.27 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	65.47 2.23 0.00	47.24 1.49 0.00	34.20 1.10 0.00	39.83 1.30 0.00	40.02 1.22 0.00	47.31 1.64 0.00	52.66 1.86 0.00	55.20 2.11 0.00	46.73 1.95 0.00	37.85 1.68 -0.01	34.32 1.76 0.00	41.96 2.24 0.00	32.76 1.84 -0.11	34.46 1.97 -0.09	31.44 1.83 -0.12	31.87 1.82 -0.06	24.71 1.41 -0.50	27.65 1.42 -0.33	36.82 1.81 -0.02	54.75 2.54 0.00	159.36 6.98 0.00	48.39 2.20 0.00	43.60 1.84 0.00	42.77 1.79 0.00
EAST_HAMPTON___DIESEL 23722	63.23 -0.02 0.00	45.46 -0.28 0.00	33.08 -0.02 0.00	38.55 0.03 0.00	38.53 -0.28 0.00	45.63 -0.03 0.00	50.56 -0.24 0.00	53.10 0.06 0.05	45.28 0.50 0.00	36.90 0.75 0.01	33.72 1.15 0.00	40.68 0.96 0.00	31.35 0.73 0.20	33.36 1.12 0.16	30.97 1.71 0.22	31.91 2.04 0.11	24.05 2.18 0.93	27.72 2.43 0.62	38.22 3.26 0.03	57.17 4.97 0.00	164.84 13.49 1.03	50.53 4.34 0.00	45.09 3.34 0.00	44.17 3.19 0.00
EAST_POINT___SOLAR 323840	67.72 4.48 0.00	48.87 3.13 0.00	35.30 2.20 0.00	41.06 2.54 0.00	41.33 2.53 0.00	48.67 3.01 0.00	54.24 3.45 0.00	56.73 3.64 0.00	47.65 2.87 0.00	38.22 2.05 0.00	34.40 1.84 0.00	41.74 2.02 0.00	31.54 0.73 0.00	32.86 0.46 0.00	29.80 0.31 0.00	29.91 -0.08 0.00	22.68 -0.12 0.00	26.23 0.33 0.00	36.44 1.44 0.00	55.76 3.56 0.00	163.55 11.16 0.00	49.58 3.40 0.00	44.64 2.88 0.00	43.71 2.73 0.00
EAST_PULASKI___ESR 323781	62.57 -0.67 0.00	45.10 -0.65 0.00	32.52 -0.58 0.00	37.86 -0.67 0.00	38.11 -0.69 0.00	45.02 -0.64 0.00	50.17 -0.63 0.00	52.40 -0.69 0.00	43.88 -0.89 0.00	35.21 -0.96 0.00	31.63 -0.93 0.00	38.46 -1.26 0.00	29.77 -1.05 0.00	31.25 -1.15 0.00	28.42 -1.07 0.00	28.87 -1.12 0.00	22.01 -0.80 0.00	25.12 -0.77 0.00	34.13 -0.87 0.00	51.30 -0.91 0.00	149.99 -2.39 0.00	45.37 -0.82 0.00	40.99 -0.76 0.00	40.19 -0.79 0.00
EAST_RIVER___1 323558	65.91 2.67 0.00	47.52 1.77 0.00	34.42 1.33 0.00	40.11 1.59 0.00	40.31 1.51 0.00	47.67 2.01 0.00	53.09 2.29 0.00	55.65 2.56 0.00	47.13 2.35 0.00	38.35 2.02 -0.16	34.64 2.07 0.00	42.32 2.60 0.00	35.61 2.13 -2.67	36.85 2.27 -2.17	34.54 2.12 -2.93	33.61 2.11 -1.52	42.57 1.62 -18.15	41.22 1.66 -13.67	37.88 2.11 -0.76	55.17 2.96 0.00	160.61 8.23 0.00	48.86 2.65 -0.03	44.01 2.24 -0.01	43.18 2.19 -0.01
EAST_RIVER___2 323559	66.01 2.77 0.00	47.60 1.86 0.00	34.49 1.39 0.00	40.18 1.67 0.00	40.39 1.58 0.00	47.77 2.11 0.00	53.20 2.40 0.00	55.76 2.67 0.00	47.22 2.45 0.00	38.43 2.09 -0.17	34.71 2.14 0.00	42.41 2.69 0.00	35.75 2.20 -2.74	36.97 2.34 -2.23	34.67 2.18 -3.01	33.71 2.17 -1.56	42.94 1.67 -18.46	41.49 1.71 -13.88	37.96 2.18 -0.78	55.29 3.08 0.00	160.93 8.54 0.00	48.96 2.75 -0.03	44.10 2.33 -0.01	43.27 2.27 -0.01
EAST___DELAWARE_HYD 23607	66.01 2.77 0.00	47.65 1.90 0.00	34.48 1.38 0.00	40.15 1.63 0.00	40.38 1.58 0.00	47.70 2.03 0.00	53.15 2.36 0.00	55.67 2.58 0.00	47.00 2.22 0.00	37.94 1.78 0.00	34.30 1.74 0.00	41.95 2.23 0.00	32.59 1.78 0.00	34.25 1.85 0.00	31.19 1.70 0.00	31.76 1.78 0.00	24.15 1.35 0.00	27.27 1.37 0.00	36.84 1.84 0.00	55.00 2.80 0.00	160.45 8.07 0.00	48.64 2.45 0.00	43.81 2.06 0.00	42.96 1.98 0.00
EIGHT_POINT___WT_PWR 323820	62.09 -1.15 0.00	44.66 -1.08 0.00	32.41 -0.69 0.00	37.84 -0.68 0.00	38.23 -0.58 0.00	44.76 -0.90 0.00	49.95 -0.85 0.00	51.73 -1.37 0.00	42.99 -1.78 0.00	33.97 -2.20 0.00	30.19 -2.37 0.00	36.82 -2.90 0.00	28.73 -2.08 0.00	30.25 -2.15 0.00	27.67 -1.82 0.00	28.09 -1.90 0.00	21.48 -1.32 0.00	24.44 -1.46 0.00	33.36 -1.64 0.00	50.71 -1.50 0.00	149.76 -2.63 0.00	45.69 -0.49 0.00	42.04 0.29 0.00	41.49 0.51 0.00
ELBRIDGE_115KV_TB2 80188	62.55 -0.70 0.00	45.20 -0.55 0.00	32.71 -0.39 0.00	38.05 -0.46 0.00	38.38 -0.42 0.00	45.17 -0.49 0.00	50.35 -0.45 0.00	52.55 -0.54 0.00	44.12 -0.65 0.00	35.52 -0.65 0.00	31.96 -0.60 0.00	38.96 -0.76 0.00	30.19 -0.62 0.00	31.74 -0.66 0.00	28.90 -0.59 0.00	29.38 -0.61 0.00	22.38 -0.43 0.00	25.42 -0.48 0.00	34.46 -0.54 0.00	51.51 -0.70 0.00	150.77 -1.62 0.00	45.74 -0.44 0.00	41.42 -0.34 0.00	40.67 -0.31 0.00
ELEC_TRO_TEK 24086	65.04 1.80 0.00	46.90 1.16 0.00	34.05 0.95 0.00	39.66 1.14 0.00	39.71 0.91 0.00	46.99 1.33 0.00	52.11 1.32 0.00	54.63 1.52 -0.01	46.32 1.55 0.00	37.65 1.50 0.01	34.40 1.83 0.00	41.88 2.16 0.00	32.40 1.78 0.20	34.17 1.93 0.16	31.15 1.89 0.22	31.68 1.81 0.11	23.37 1.50 0.93	26.76 1.47 0.62	36.70 1.74 0.03	54.66 2.45 0.00	158.99 6.32 -0.28	48.32 2.14 0.00	43.32 1.57 0.00	42.50 1.52 0.00

ELLENBURG_WT_PWR 323604	64.91 1.67 0.00	47.06 1.32 0.00	34.03 0.93 0.00	39.48 0.96 0.00	39.80 1.00 0.00	46.84 1.18 0.00	51.93 1.13 0.00	54.25 1.16 0.00	45.82 1.04 0.00	36.95 0.78 0.00	33.02 0.45 0.00	40.09 0.37 0.00	30.96 0.14 0.00	32.45 0.05 0.00	29.37 -0.11 0.00	29.81 -0.17 0.00	22.81 0.00 0.00	26.04 0.14 0.00	35.35 0.35 0.00	52.96 0.75 0.00	154.91 2.53 0.00	46.71 0.53 0.00	41.89 0.13 0.00	40.94 -0.04 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	60.36 -2.88 0.00	43.46 -2.28 0.00	31.46 -1.63 0.00	36.63 -1.89 0.00	37.04 -1.76 0.00	43.46 -2.20 0.00	48.56 -2.24 0.00	50.13 -2.96 0.00	41.94 -2.83 0.00	33.44 -2.72 0.00	29.86 -2.71 0.00	36.49 -3.24 0.00	28.35 -2.46 0.00	29.60 -2.80 0.00	26.98 -2.50 0.00	27.56 -2.42 0.00	21.17 -1.63 0.00	23.83 -2.06 0.00	31.92 -3.08 0.00	47.94 -4.27 0.00	141.06 -11.32 0.00	43.22 -2.96 0.00	40.06 -1.70 0.00	39.42 -1.56 0.00
EMPIRE_CC_1 323656	64.18 0.94 0.00	46.49 0.75 0.00	33.67 0.57 0.00	39.24 0.71 0.00	39.51 0.71 0.00	46.42 0.75 0.00	51.72 0.92 0.00	54.03 0.93 0.00	45.79 1.02 0.00	37.19 1.02 0.00	33.60 1.04 0.00	41.07 1.35 0.00	31.89 1.08 0.00	33.66 1.25 0.00	30.66 1.17 0.00	31.16 1.18 0.00	23.62 0.82 0.00	26.76 0.86 0.00	36.06 1.06 0.00	53.47 1.26 0.00	155.55 3.17 0.00	47.08 0.89 0.00	42.57 0.82 0.00	41.74 0.76 0.00
EMPIRE_CC_2 323658	64.18 0.94 0.00	46.49 0.75 0.00	33.67 0.57 0.00	39.24 0.71 0.00	39.51 0.71 0.00	46.42 0.75 0.00	51.72 0.92 0.00	54.03 0.93 0.00	45.79 1.02 0.00	37.19 1.02 0.00	33.60 1.04 0.00	41.07 1.35 0.00	31.89 1.08 0.00	33.66 1.25 0.00	30.66 1.17 0.00	31.16 1.18 0.00	23.62 0.82 0.00	26.76 0.86 0.00	36.06 1.06 0.00	53.47 1.26 0.00	155.55 3.17 0.00	47.08 0.89 0.00	42.57 0.82 0.00	41.74 0.76 0.00
ENORWICH_115KV_TB1 80156	66.66 3.42 0.00	48.05 2.30 0.00	34.71 1.61 0.00	40.16 1.64 0.00	40.28 1.48 0.00	47.01 1.35 0.00	52.55 1.75 0.00	54.91 1.82 0.00	46.32 1.54 0.00	37.28 1.12 0.00	33.37 0.81 0.00	40.24 0.52 0.00	31.19 0.37 0.00	32.59 0.19 0.00	29.58 0.09 0.00	30.11 0.13 0.00	22.77 -0.04 0.00	25.98 0.09 0.00	35.74 0.74 0.00	54.62 2.42 0.00	161.35 8.96 0.00	48.88 2.70 0.00	44.18 2.42 0.00	43.46 2.48 0.00
ERIE_ST__34_KV_TB1-2 80199	61.41 -1.82 0.00	44.20 -1.54 0.00	32.01 -1.09 0.00	37.28 -1.24 0.00	37.69 -1.11 0.00	44.21 -1.45 0.00	49.39 -1.41 0.00	51.09 -2.00 0.00	42.72 -2.06 0.00	34.05 -2.12 0.00	30.45 -2.12 0.00	37.22 -2.50 0.00	28.92 -1.90 0.00	30.20 -2.20 0.00	27.54 -1.94 0.00	28.10 -1.88 0.00	21.57 -1.23 0.00	24.34 -1.56 0.00	32.66 -2.35 0.00	49.11 -3.10 0.00	144.74 -7.65 0.00	44.29 -1.90 0.00	40.91 -0.85 0.00	40.24 -0.74 0.00
ERIE_WT_PWR 323693	60.79 -2.45 0.00	43.77 -1.97 0.00	31.69 -1.41 0.00	36.89 -1.63 0.00	37.29 -1.51 0.00	43.78 -1.88 0.00	48.91 -1.88 0.00	50.54 -2.56 0.00	42.25 -2.53 0.00	33.65 -2.51 0.00	30.07 -2.50 0.00	36.72 -3.00 0.00	28.55 -2.26 0.00	29.82 -2.59 0.00	27.17 -2.31 0.00	27.75 -2.23 0.00	21.32 -1.49 0.00	24.02 -1.88 0.00	32.18 -2.82 0.00	48.39 -3.82 0.00	142.56 -9.82 0.00	43.67 -2.51 0.00	40.43 -1.33 0.00	39.79 -1.19 0.00
ESPRGFLD_115KV_TB1 80157	66.71 3.47 0.00	48.16 2.42 0.00	34.77 1.67 0.00	40.46 1.94 0.00	40.69 1.88 0.00	47.90 2.23 0.00	53.32 2.52 0.00	55.82 2.72 0.00	46.93 2.15 0.00	37.64 1.48 0.00	33.82 1.26 0.00	41.15 1.43 0.00	31.69 0.87 0.00	33.23 0.82 0.00	30.10 0.62 0.00	30.56 0.57 0.00	23.24 0.44 0.00	26.51 0.61 0.00	36.26 1.25 0.00	54.76 2.56 0.00	160.49 8.11 0.00	48.73 2.54 0.00	43.93 2.18 0.00	43.11 2.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	64.04 0.80 0.00	46.22 0.48 0.00	33.45 0.36 0.00	38.92 0.40 0.00	39.21 0.41 0.00	46.10 0.44 0.00	51.44 0.64 0.00	53.73 0.63 0.00	45.08 0.30 0.00	36.14 -0.03 0.00	32.44 -0.13 0.00	39.47 -0.25 0.00	30.59 -0.22 0.00	32.08 -0.33 0.00	29.19 -0.29 0.00	29.67 -0.31 0.00	22.59 -0.22 0.00	25.70 -0.20 0.00	35.00 0.00 0.00	52.72 0.51 0.00	154.69 2.30 0.00	46.92 0.73 0.00	42.47 0.72 0.00	41.74 0.76 0.00
ETNA____115KV_TB2 80207	64.04 0.80 0.00	46.22 0.48 0.00	33.45 0.36 0.00	38.92 0.40 0.00	39.21 0.41 0.00	46.10 0.44 0.00	51.44 0.64 0.00	53.73 0.63 0.00	45.08 0.30 0.00	36.14 -0.03 0.00	32.44 -0.13 0.00	39.47 -0.25 0.00	30.59 -0.22 0.00	32.08 -0.33 0.00	29.19 -0.29 0.00	29.67 -0.31 0.00	22.59 -0.22 0.00	25.70 -0.20 0.00	35.00 0.00 0.00	52.72 0.51 0.00	154.69 2.30 0.00	46.92 0.73 0.00	42.47 0.72 0.00	41.74 0.76 0.00
EUCLID____115KV_TB2 356179	62.21 -1.04 0.00	44.93 -0.81 0.00	32.52 -0.58 0.00	37.86 -0.66 0.00	38.14 -0.66 0.00	44.89 -0.78 0.00	50.01 -0.78 0.00	52.21 -0.88 0.00	43.92 -0.85 0.00	35.38 -0.79 0.00	31.84 -0.73 0.00	38.81 -0.91 0.00	30.12 -0.70 0.00	31.63 -0.77 0.00	28.79 -0.69 0.00	29.28 -0.70 0.00	22.29 -0.52 0.00	25.34 -0.56 0.00	34.30 -0.70 0.00	51.27 -0.93 0.00	149.90 -2.48 0.00	45.44 -0.75 0.00	41.15 -0.61 0.00	40.39 -0.59 0.00
E_CANADA_CAP_HY 24051	67.21 3.97 0.00	48.49 2.75 0.00	35.01 1.91 0.00	40.74 2.22 0.00	40.98 2.18 0.00	48.20 2.54 0.00	53.68 2.88 0.00	56.14 3.05 0.00	47.16 2.39 0.00	37.78 1.62 0.00	33.93 1.37 0.00	41.25 1.53 0.00	31.61 0.80 0.00	33.15 0.74 0.00	29.98 0.50 0.00	30.35 0.37 0.00	23.01 0.20 0.00	26.36 0.46 0.00	36.26 1.26 0.00	55.04 2.83 0.00	161.37 8.98 0.00	49.05 2.86 0.00	44.19 2.44 0.00	43.30 2.32 0.00
E_CANADA_MHWK_HY 24050	61.95 -1.29 0.00	44.81 -0.94 0.00	32.50 -0.60 0.00	37.79 -0.73 0.00	37.93 -0.87 0.00	44.53 -1.13 0.00	49.68 -1.12 0.00	52.19 -0.90 0.00	44.25 -0.52 0.00	35.88 -0.29 0.00	32.60 0.03 0.00	39.73 0.01 0.00	30.49 -0.32 0.00	32.25 -0.16 0.00	29.15 -0.34 0.00	29.37 -0.61 0.00	21.90 -0.90 0.00	25.04 -0.85 0.00	34.62 -0.39 0.00	52.05 -0.16 0.00	152.11 -0.27 0.00	45.86 -0.32 0.00	41.32 -0.44 0.00	40.26 -0.72 0.00
E_FISHKILL____LBMP 23776	64.96 1.72 0.00	46.92 1.17 0.00	33.98 0.88 0.00	39.56 1.04 0.00	39.77 0.97 0.00	46.95 1.29 0.00	52.27 1.47 0.00	54.76 1.67 0.00	46.37 1.59 0.00	37.56 1.39 0.00	34.03 1.47 0.00	41.65 1.93 0.00	32.39 1.57 0.00	34.11 1.70 0.00	31.08 1.60 0.00	31.58 1.59 0.00	24.02 1.22 0.00	27.12 1.23 0.00	36.53 1.52 0.00	54.31 2.10 0.00	158.11 5.72 0.00	47.96 1.78 0.00	43.25 1.49 0.00	42.41 1.43 0.00
FALCON____SEABRD_CC1 323796	65.53 2.29 0.00	47.54 1.80 0.00	34.42 1.32 0.00	39.90 1.38 0.00	40.21 1.42 0.00	47.31 1.65 0.00	52.51 1.71 0.00	54.81 1.72 0.00	46.35 1.58 0.00	37.37 1.21 0.00	33.38 0.81 0.00	40.49 0.77 0.00	31.23 0.42 0.00	32.77 0.37 0.00	29.63 0.15 0.00	30.03 0.04 0.00	22.97 0.16 0.00	26.22 0.33 0.00	35.63 0.63 0.00	53.40 1.19 0.00	156.35 3.97 0.00	47.23 1.04 0.00	42.34 0.59 0.00	41.34 0.36 0.00

FALCON___SEABRD_CC2 323797	65.53 2.29 0.00	47.54 1.80 0.00	34.42 1.32 0.00	39.90 1.38 0.00	40.21 1.42 0.00	47.31 1.65 0.00	52.51 1.71 0.00	54.81 1.72 0.00	46.35 1.58 0.00	37.37 1.21 0.00	33.38 0.81 0.00	40.49 0.77 0.00	31.23 0.42 0.00	32.77 0.37 0.00	29.63 0.15 0.00	30.03 0.04 0.00	22.97 0.16 0.00	26.22 0.33 0.00	35.63 0.63 0.00	53.40 1.19 0.00	156.35 3.97 0.00	47.23 1.04 0.00	42.34 0.59 0.00	41.34 0.36 0.00
FAR ROCKAWAY___4 23548	65.77 2.53 0.00	47.43 1.69 0.00	34.43 1.33 0.00	40.10 1.58 0.00	40.13 1.34 0.00	47.50 1.84 0.00	52.65 1.85 0.00	55.24 2.07 -0.08	46.80 2.03 0.00	38.05 1.90 0.01	34.77 2.20 0.00	42.30 2.58 0.00	32.71 2.09 0.20	34.54 2.30 0.16	31.46 2.19 0.22	32.02 2.15 0.11	23.62 1.75 0.93	27.05 1.77 0.62	37.10 2.14 0.03	55.29 3.09 0.00	162.16 8.17 -1.61	48.89 2.70 0.00	43.80 2.04 0.00	42.94 1.96 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	65.85 2.61 0.00	47.47 1.73 0.00	34.39 1.29 0.00	40.07 1.55 0.00	40.27 1.47 0.00	47.64 1.97 0.00	53.04 2.25 0.00	55.60 2.52 0.00	47.08 2.31 0.00	38.32 1.99 -0.17	34.61 2.03 0.00	42.28 2.56 0.00	35.75 2.10 -2.83	36.95 2.24 -2.31	34.68 2.09 -3.11	33.67 2.08 -1.61	43.30 1.60 -18.89	41.69 1.63 -14.16	37.87 2.08 -0.80	55.12 2.91 0.00	160.46 8.08 0.00	48.83 2.62 -0.03	44.04 2.27 -0.01	43.19 2.20 -0.01
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	65.95 2.71 0.00	47.55 1.80 0.00	34.45 1.35 0.00	40.13 1.61 0.00	40.33 1.53 0.00	47.70 2.04 0.00	53.11 2.32 0.00	55.69 2.60 0.00	47.17 2.39 0.00	38.38 2.05 -0.17	34.66 2.09 0.00	42.35 2.63 0.00	35.80 2.15 -2.83	36.99 2.29 -2.31	34.73 2.14 -3.11	33.72 2.12 -1.61	43.33 1.63 -18.89	41.74 1.67 -14.16	37.92 2.13 -0.80	55.23 3.02 0.00	160.76 8.37 0.00	48.88 2.67 -0.03	44.04 2.28 -0.01	43.21 2.22 -0.01
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	65.88 2.64 0.00	47.50 1.76 0.00	34.42 1.32 0.00	40.10 1.58 0.00	40.30 1.50 0.00	47.66 2.00 0.00	53.07 2.28 0.00	55.65 2.56 0.00	47.12 2.34 0.00	38.35 2.01 -0.17	34.63 2.06 0.00	42.32 2.59 0.00	35.77 2.12 -2.83	36.97 2.26 -2.31	34.71 2.11 -3.11	33.70 2.10 -1.61	43.31 1.61 -18.89	41.71 1.65 -14.16	37.89 2.09 -0.80	55.18 2.97 0.00	160.55 8.17 0.00	48.84 2.63 -0.03	44.00 2.24 -0.01	43.18 2.18 -0.01
FARRAGUT___LBMP 323566	65.85 2.61 0.00	47.47 1.73 0.00	34.39 1.29 0.00	40.07 1.55 0.00	40.27 1.47 0.00	47.64 1.97 0.00	53.04 2.25 0.00	55.60 2.52 0.00	47.08 2.31 0.00	38.32 1.99 -0.17	34.61 2.03 0.00	42.28 2.56 0.00	35.75 2.10 -2.83	36.95 2.24 -2.31	34.68 2.09 -3.11	33.67 2.08 -1.61	43.30 1.60 -18.89	41.69 1.63 -14.16	37.87 2.08 -0.80	55.12 2.91 0.00	160.46 8.08 0.00	48.81 2.59 -0.03	43.96 2.20 -0.01	43.15 2.15 -0.01
FENNER___WINDPWR 24204	64.13 0.89 0.00	46.30 0.55 0.00	33.46 0.36 0.00	38.95 0.44 0.00	39.21 0.41 0.00	46.17 0.51 0.00	51.49 0.69 0.00	53.82 0.73 0.00	45.28 0.50 0.00	36.40 0.24 0.00	32.70 0.14 0.00	39.74 0.02 0.00	30.79 -0.02 0.00	32.36 -0.04 0.00	29.43 -0.05 0.00	29.87 -0.11 0.00	22.74 -0.07 0.00	25.91 0.01 0.00	35.24 0.24 0.00	52.96 0.75 0.00	155.00 2.61 0.00	46.92 0.74 0.00	42.39 0.63 0.00	41.59 0.61 0.00
FIBERTEK___ENERGY 23856	62.87 -0.37 0.00	45.42 -0.32 0.00	32.86 -0.23 0.00	38.25 -0.27 0.00	38.55 -0.25 0.00	45.37 -0.28 0.00	50.58 -0.22 0.00	52.81 -0.28 0.00	44.36 -0.41 0.00	35.71 -0.46 0.00	32.13 -0.44 0.00	39.16 -0.56 0.00	30.37 -0.44 0.00	31.91 -0.49 0.00	29.05 -0.44 0.00	29.52 -0.46 0.00	22.49 -0.32 0.00	25.58 -0.32 0.00	34.67 -0.33 0.00	51.80 -0.40 0.00	151.57 -0.81 0.00	45.94 -0.24 0.00	41.58 -0.17 0.00	40.84 -0.14 0.00
FITZPATRICK____ 23598	61.48 -1.76 0.00	44.43 -1.31 0.00	32.15 -0.95 0.00	37.43 -1.09 0.00	37.72 -1.09 0.00	44.37 -1.29 0.00	49.42 -1.38 0.00	51.61 -1.48 0.00	43.43 -1.34 0.00	35.02 -1.15 0.00	31.52 -1.05 0.00	38.43 -1.30 0.00	29.80 -1.01 0.00	31.32 -1.08 0.00	28.50 -0.98 0.00	28.98 -1.00 0.00	22.06 -0.75 0.00	25.07 -0.83 0.00	33.92 -1.08 0.00	50.67 -1.54 0.00	148.09 -4.30 0.00	44.88 -1.31 0.00	40.64 -1.12 0.00	39.88 -1.10 0.00
FLOWRFLD_69_KV_BK1 356044	64.84 1.60 0.00	46.74 1.00 0.00	33.97 0.87 0.00	39.63 1.11 0.00	39.61 0.81 0.00	46.86 1.20 0.00	51.88 1.08 0.00	54.39 1.35 0.05	46.22 1.45 0.00	37.68 1.53 0.01	34.55 1.99 0.00	41.86 2.15 0.00	32.27 1.66 0.20	34.06 1.82 0.16	31.11 1.85 0.22	31.60 1.73 0.11	23.46 1.59 0.93	26.80 1.52 0.62	36.82 1.85 0.03	54.97 2.76 0.00	158.60 7.24 1.03	48.66 2.48 0.00	43.45 1.69 0.00	42.60 1.62 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	65.72 2.48 0.00	47.43 1.69 0.00	34.34 1.24 0.00	39.98 1.46 0.00	40.20 1.41 0.00	47.47 1.81 0.00	52.88 2.09 0.00	55.42 2.33 0.00	46.89 2.12 0.00	37.93 1.77 0.00	34.37 1.80 0.00	42.03 2.31 0.00	32.70 1.89 0.00	34.44 2.04 0.00	31.38 1.89 0.00	31.90 1.91 0.00	24.26 1.46 0.00	27.42 1.53 0.00	36.94 1.94 0.00	54.97 2.77 0.00	160.09 7.70 0.00	48.55 2.36 0.00	43.74 1.98 0.00	42.88 1.90 0.00
FORT ORANGE____ 23900	63.71 0.47 0.00	46.15 0.41 0.00	33.49 0.39 0.00	38.96 0.45 0.00	39.22 0.43 0.00	46.07 0.41 0.00	51.32 0.53 0.00	53.66 0.57 0.00	45.44 0.67 0.00	36.90 0.73 0.00	33.33 0.77 0.00	40.70 0.98 0.00	31.64 0.82 0.00	33.35 0.94 0.00	30.35 0.87 0.00	30.84 0.86 0.00	23.42 0.61 0.00	26.49 0.59 0.00	35.76 0.76 0.00	53.14 0.93 0.00	154.67 2.29 0.00	46.81 0.63 0.00	42.32 0.57 0.00	41.46 0.48 0.00
FORT_DRUM_COGEN 23780	64.36 1.12 0.00	46.18 0.44 0.00	33.00 -0.09 0.00	38.44 -0.08 0.00	38.76 -0.04 0.00	46.18 0.51 0.00	51.62 0.82 0.00	54.00 0.91 0.00	44.71 -0.06 0.00	35.55 -0.62 0.00	31.68 -0.88 0.00	38.30 -1.42 0.00	29.44 -1.37 0.00	30.85 -1.55 0.00	27.96 -1.52 0.00	28.37 -1.62 0.00	21.81 -0.99 0.00	25.11 -0.79 0.00	34.41 -0.59 0.00	52.35 0.14 0.00	152.87 0.49 0.00	45.88 -0.30 0.00	41.28 -0.47 0.00	40.37 -0.61 0.00
FOX_HILLS___ESR 323835	66.06 2.81 0.00	52.54 2.08 -4.72	51.18 1.57 -16.51	50.91 1.86 -10.53	50.91 1.79 -10.33	51.26 2.31 -3.29	55.37 2.53 -2.04	57.77 2.82 -1.86	53.32 2.58 -5.96	52.10 2.25 -13.68	52.08 2.31 -17.21	52.12 2.84 -9.55	52.08 2.30 -18.96	52.08 2.45 -17.23	52.07 2.28 -20.31	52.08 2.31 -19.78	52.16 1.66 -27.69	52.99 1.71 -25.38	55.25 2.31 -17.94	57.68 3.23 -2.24	179.03 8.65 -18.00	60.26 2.91 -11.17	59.67 2.53 -15.37	52.17 2.48 -8.71
FPL FAR_ROCK_GT1 24212	65.77 2.53 0.00	47.43 1.69 0.00	34.43 1.33 0.00	40.10 1.58 0.00	40.14 1.34 0.00	47.50 1.84 0.00	52.64 1.85 0.00	55.24 2.07 -0.08	46.81 2.03 0.00	38.05 1.89 0.01	34.77 2.20 0.00	42.30 2.58 0.00	32.70 2.09 0.20	34.55 2.31 0.16	31.46 2.19 0.22	32.02 2.15 0.11	23.62 1.75 0.93	27.05 1.77 0.62	37.10 2.14 0.03	55.29 3.09 0.00	161.94 7.95 -1.61	48.89 2.71 0.00	43.79 2.04 0.00	42.94 1.97 0.00



FPL FAR_ROCK_GT2 23815	65.77 2.53 0.00	47.43 1.69 0.00	34.43 1.33 0.00	40.10 1.58 0.00	40.14 1.34 0.00	47.50 1.84 0.00	52.64 1.85 0.00	55.24 2.07 -0.08	46.81 2.03 0.00	38.05 1.89 0.01	34.77 2.20 0.00	42.30 2.58 0.00	32.70 2.09 0.20	34.55 2.31 0.16	31.46 2.19 0.22	32.02 2.15 0.11	23.62 1.75 0.93	27.05 1.77 0.62	37.10 2.14 0.03	55.29 3.09 0.00	161.94 7.95 -1.61	48.89 2.71 0.00	43.79 2.04 0.00	42.94 1.97 0.00
FRANKLIN_FALL_HYD 24054	65.26 2.02 0.00	47.23 1.49 0.00	34.12 1.02 0.00	39.58 1.06 0.00	39.92 1.12 0.00	47.01 1.35 0.00	52.13 1.33 0.00	54.54 1.45 0.00	46.04 1.27 0.00	37.13 0.96 0.00	33.11 0.54 0.00	40.12 0.40 0.00	30.90 0.09 0.00	32.35 -0.06 0.00	29.28 -0.21 0.00	29.71 -0.27 0.00	22.75 -0.06 0.00	26.00 0.10 0.00	35.38 0.38 0.00	53.15 0.94 0.00	155.53 3.14 0.00	46.92 0.73 0.00	42.10 0.34 0.00	41.15 0.17 0.00
FREEPORT_EQUUS_GT1 23764	65.08 1.84 0.00	46.93 1.19 0.00	34.08 0.98 0.00	39.71 1.19 0.00	39.73 0.93 0.00	47.01 1.35 0.00	52.09 1.29 0.00	54.59 1.50 0.00	46.34 1.56 0.00	37.69 1.54 0.01	34.46 1.90 0.00	41.95 2.23 0.00	32.41 1.79 0.20	34.19 1.95 0.16	31.18 1.91 0.22	31.71 1.84 0.11	23.42 1.54 0.93	26.79 1.51 0.62	36.76 1.79 0.03	54.79 2.59 0.00	158.93 6.55 0.00	48.46 2.28 0.00	43.40 1.65 0.00	42.57 1.59 0.00
FREEPORT___CT2 23818	65.08 1.84 0.00	46.93 1.19 0.00	34.08 0.98 0.00	39.71 1.19 0.00	39.73 0.93 0.00	47.01 1.35 0.00	52.09 1.29 0.00	54.59 1.50 0.00	46.34 1.56 0.00	37.69 1.54 0.01	34.46 1.90 0.00	41.95 2.23 0.00	32.41 1.79 0.20	34.19 1.95 0.16	31.18 1.91 0.22	31.71 1.84 0.11	23.42 1.54 0.93	26.79 1.51 0.62	36.76 1.79 0.03	54.79 2.59 0.00	158.93 6.55 0.00	48.46 2.28 0.00	43.40 1.65 0.00	42.57 1.59 0.00
FRESHKLS_33_KV_LOAD 356253	65.91 2.66 0.00	52.50 2.04 -4.72	51.17 1.55 -16.51	50.90 1.84 -10.53	50.90 1.77 -10.33	51.24 2.29 -3.29	55.33 2.49 -2.04	57.71 2.76 -1.86	53.27 2.53 -5.96	52.05 2.20 -13.68	52.03 2.25 -17.21	52.04 2.77 -9.55	52.02 2.25 -18.96	52.02 2.39 -17.23	52.01 2.21 -20.31	52.02 2.26 -19.78	52.09 1.60 -27.69	52.91 1.63 -25.38	55.20 2.26 -17.94	57.58 3.13 -2.24	178.74 8.36 -18.00	60.20 2.85 -11.17	59.63 2.50 -15.37	52.15 2.45 -8.71
FULTON COGEN____ 23766	61.91 -1.33 0.00	44.70 -1.04 0.00	32.34 -0.76 0.00	37.67 -0.85 0.00	37.94 -0.86 0.00	44.67 -0.99 0.00	49.77 -1.03 0.00	51.95 -1.14 0.00	43.68 -1.10 0.00	35.16 -1.01 0.00	31.62 -0.94 0.00	38.54 -1.18 0.00	29.90 -0.91 0.00	31.40 -1.00 0.00	28.58 -0.91 0.00	29.05 -0.94 0.00	22.12 -0.69 0.00	25.17 -0.73 0.00	34.11 -0.89 0.00	51.06 -1.15 0.00	149.22 -3.16 0.00	45.23 -0.96 0.00	40.93 -0.83 0.00	40.16 -0.82 0.00
FULTON___LFGE 323630	67.00 3.76 0.00	48.39 2.65 0.00	34.96 1.86 0.00	40.68 2.16 0.00	40.96 2.15 0.00	48.20 2.54 0.00	53.70 2.91 0.00	56.14 3.05 0.00	47.21 2.44 0.00	37.86 1.70 0.00	34.07 1.50 0.00	41.38 1.66 0.00	31.62 0.81 0.00	33.27 0.87 0.00	29.93 0.44 0.00	30.23 0.25 0.00	22.82 0.01 0.00	26.25 0.35 0.00	36.37 1.37 0.00	55.25 3.05 0.00	161.84 9.46 0.00	49.05 2.87 0.00	44.20 2.44 0.00	43.29 2.31 0.00
G.F.CEMENT___DRP 24184	66.24 3.00 0.00	47.84 2.10 0.00	34.51 1.41 0.00	40.24 1.72 0.00	40.59 1.79 0.00	47.71 2.05 0.00	53.24 2.44 0.00	55.58 2.48 0.00	47.10 2.33 0.00	38.16 2.00 0.00	34.38 1.81 0.00	41.98 2.26 0.00	32.47 1.66 0.00	34.12 1.71 0.00	31.02 1.54 0.00	31.53 1.55 0.00	23.85 1.05 0.00	27.13 1.23 0.00	36.73 1.74 0.00	54.76 2.56 0.00	159.88 7.49 0.00	48.41 2.22 0.00	43.73 1.98 0.00	42.89 1.91 0.00
GARDENVILLE___LBMP 24039	60.66 -2.58 0.00	43.66 -2.08 0.00	31.62 -1.48 0.00	36.81 -1.71 0.00	37.22 -1.58 0.00	43.68 -1.99 0.00	48.79 -2.01 0.00	50.41 -2.68 0.00	42.15 -2.63 0.00	33.59 -2.58 0.00	30.02 -2.55 0.00	36.68 -3.04 0.00	28.50 -2.31 0.00	29.76 -2.64 0.00	27.13 -2.35 0.00	27.70 -2.28 0.00	21.28 -1.53 0.00	23.96 -1.93 0.00	32.12 -2.88 0.00	48.29 -3.92 0.00	142.18 -10.20 0.00	43.54 -2.64 0.00	40.31 -1.45 0.00	39.67 -1.31 0.00
GARDNVLA_35_KV_LD 355827	60.82 -2.42 0.00	43.79 -1.95 0.00	31.70 -1.40 0.00	36.91 -1.61 0.00	37.32 -1.48 0.00	43.79 -1.87 0.00	48.93 -1.87 0.00	50.56 -2.53 0.00	42.28 -2.49 0.00	33.70 -2.47 0.00	30.10 -2.46 0.00	36.79 -2.93 0.00	28.58 -2.23 0.00	29.85 -2.55 0.00	27.22 -2.27 0.00	27.78 -2.20 0.00	21.35 -1.46 0.00	24.05 -1.85 0.00	32.23 -2.77 0.00	48.43 -3.77 0.00	142.64 -9.75 0.00	43.69 -2.49 0.00	40.45 -1.30 0.00	39.80 -1.18 0.00
GELCKHM___115KV_LOAD 80723	62.45 -0.79 0.00	45.10 -0.64 0.00	32.64 -0.46 0.00	37.99 -0.53 0.00	38.29 -0.50 0.00	45.06 -0.60 0.00	50.22 -0.58 0.00	52.42 -0.67 0.00	44.07 -0.70 0.00	35.49 -0.68 0.00	31.93 -0.63 0.00	38.93 -0.79 0.00	30.20 -0.62 0.00	31.73 -0.67 0.00	28.88 -0.61 0.00	29.37 -0.62 0.00	22.35 -0.45 0.00	25.42 -0.48 0.00	34.43 -0.57 0.00	51.46 -0.75 0.00	150.51 -1.87 0.00	45.62 -0.57 0.00	41.31 -0.45 0.00	40.55 -0.43 0.00
GENERAL___MILLS 23808	60.75 -2.49 0.00	43.74 -2.00 0.00	31.68 -1.42 0.00	36.88 -1.64 0.00	37.29 -1.51 0.00	43.75 -1.91 0.00	48.88 -1.92 0.00	50.51 -2.59 0.00	42.24 -2.54 0.00	33.66 -2.50 0.00	30.07 -2.50 0.00	36.74 -2.98 0.00	28.55 -2.27 0.00	29.82 -2.59 0.00	27.19 -2.30 0.00	27.75 -2.24 0.00	21.31 -1.49 0.00	24.01 -1.89 0.00	32.18 -2.82 0.00	48.37 -3.84 0.00	142.38 -10.01 0.00	43.63 -2.55 0.00	40.39 -1.36 0.00	39.75 -1.23 0.00
GE_PLASTICS___DRP 24183	63.63 0.39 0.00	46.09 0.35 0.00	33.42 0.32 0.00	38.89 0.37 0.00	39.16 0.35 0.00	46.02 0.36 0.00	51.23 0.43 0.00	53.56 0.47 0.00	45.33 0.56 0.00	36.78 0.61 0.00	33.22 0.66 0.00	40.58 0.85 0.00	31.54 0.72 0.00	33.25 0.84 0.00	30.29 0.80 0.00	30.79 0.81 0.00	23.36 0.55 0.00	26.45 0.55 0.00	35.67 0.67 0.00	52.96 0.75 0.00	154.21 1.82 0.00	46.70 0.52 0.00	42.22 0.46 0.00	41.40 0.42 0.00
GILBOA___1 23756	63.86 0.62 0.00	46.34 0.59 0.00	33.56 0.46 0.00	39.08 0.56 0.00	39.33 0.53 0.00	46.28 0.62 0.00	51.37 0.57 0.00	53.74 0.65 0.00	45.41 0.64 0.00	36.75 0.58 0.00	33.21 0.64 0.00	40.58 0.86 0.00	31.53 0.72 0.00	33.30 0.90 0.00	30.34 0.85 0.00	30.92 0.93 0.00	23.35 0.54 0.00	26.44 0.54 0.00	35.67 0.66 0.00	52.98 0.77 0.00	154.28 1.89 0.00	46.86 0.67 0.00	42.31 0.56 0.00	41.57 0.59 0.00
GILBOA___2 23757	63.86 0.62 0.00	46.34 0.59 0.00	33.56 0.46 0.00	39.08 0.56 0.00	39.33 0.53 0.00	46.28 0.62 0.00	51.37 0.57 0.00	53.74 0.65 0.00	45.41 0.64 0.00	36.75 0.58 0.00	33.21 0.64 0.00	40.58 0.86 0.00	31.53 0.72 0.00	33.30 0.90 0.00	30.34 0.85 0.00	30.92 0.93 0.00	23.35 0.54 0.00	26.44 0.54 0.00	35.67 0.66 0.00	52.98 0.77 0.00	154.28 1.89 0.00	46.86 0.67 0.00	42.31 0.56 0.00	41.57 0.59 0.00

GILBOA___3 23758	63.86 0.62 0.00	46.34 0.59 0.00	33.56 0.46 0.00	39.08 0.56 0.00	39.33 0.53 0.00	46.28 0.62 0.00	51.37 0.57 0.00	53.74 0.65 0.00	45.41 0.64 0.00	36.75 0.58 0.00	33.21 0.64 0.00	40.58 0.86 0.00	31.53 0.72 0.00	33.30 0.90 0.00	30.34 0.85 0.00	30.92 0.93 0.00	23.35 0.54 0.00	26.44 0.54 0.00	35.67 0.66 0.00	52.98 0.77 0.00	154.28 1.89 0.00	46.86 0.67 0.00	42.31 0.56 0.00	41.57 0.59 0.00
GILBOA___4 23759	63.86 0.62 0.00	46.34 0.59 0.00	33.56 0.46 0.00	39.08 0.56 0.00	39.33 0.53 0.00	46.28 0.62 0.00	51.37 0.57 0.00	53.74 0.65 0.00	45.41 0.64 0.00	36.75 0.58 0.00	33.21 0.64 0.00	40.58 0.86 0.00	31.53 0.72 0.00	33.30 0.90 0.00	30.34 0.85 0.00	30.92 0.93 0.00	23.35 0.54 0.00	26.44 0.54 0.00	35.67 0.66 0.00	52.98 0.77 0.00	154.28 1.89 0.00	46.86 0.67 0.00	42.31 0.56 0.00	41.57 0.59 0.00
GILBOA___ 23599	63.86 0.62 0.00	46.34 0.60 0.00	33.56 0.46 0.00	39.08 0.56 0.00	39.33 0.53 0.00	46.28 0.62 0.00	51.37 0.57 0.00	53.74 0.65 0.00	45.42 0.64 0.00	36.75 0.58 0.00	33.21 0.64 0.00	40.58 0.86 0.00	31.53 0.72 0.00	33.30 0.90 0.00	30.34 0.85 0.00	30.92 0.93 0.00	23.35 0.54 0.00	26.44 0.55 0.00	35.67 0.67 0.00	52.98 0.77 0.00	154.27 1.89 0.00	46.86 0.67 0.00	42.31 0.56 0.00	41.57 0.59 0.00
GINNA___ 23603	59.13 -4.11 0.00	42.69 -3.05 0.00	30.87 -2.22 0.00	35.94 -2.58 0.00	36.27 -2.54 0.00	42.67 -3.00 0.00	47.58 -3.22 0.00	49.42 -3.67 0.00	41.40 -3.38 0.00	33.18 -2.98 0.00	29.71 -2.85 0.00	36.21 -3.51 0.00	28.08 -2.74 0.00	29.41 -2.99 0.00	26.77 -2.72 0.00	27.28 -2.70 0.00	20.88 -1.92 0.00	23.74 -2.16 0.00	32.16 -2.85 0.00	48.21 -4.00 0.00	141.13 -11.26 0.00	42.89 -3.30 0.00	39.12 -2.63 0.00	38.37 -2.61 0.00
GLEN PARK___ 23778	64.41 1.18 0.00	46.21 0.47 0.00	33.03 -0.07 0.00	38.48 -0.05 0.00	38.80 0.00 0.00	46.22 0.56 0.00	51.69 0.90 0.00	54.06 0.97 0.00	44.63 -0.14 0.00	35.39 -0.77 0.00	31.55 -1.01 0.00	38.14 -1.58 0.00	29.33 -1.49 0.00	30.74 -1.67 0.00	27.86 -1.63 0.00	28.27 -1.72 0.00	21.76 -1.04 0.00	25.01 -0.89 0.00	34.32 -0.68 0.00	52.42 0.21 0.00	153.27 0.88 0.00	45.99 -0.19 0.00	41.36 -0.39 0.00	40.43 -0.55 0.00
GLENDALE_27_KV_LOAD 356172	66.28 3.04 0.00	47.83 2.09 -0.01	34.64 1.54 0.00	40.34 1.82 0.00	40.54 1.75 0.00	47.93 2.27 0.00	53.34 2.54 0.00	55.94 2.85 0.00	47.39 2.61 0.00	38.64 2.27 -0.21	34.88 2.31 -0.01	42.60 2.88 0.00	36.60 2.34 -3.45	37.71 2.49 -2.81	35.60 2.33 -3.79	34.27 2.33 -1.96	46.33 1.76 -21.76	43.76 1.81 -16.06	38.25 2.34 -0.91	55.51 3.30 0.00	161.43 9.04 0.00	49.17 2.95 -0.04	44.30 2.53 -0.01	43.46 2.46 -0.02
GLENWOOD_IC_1_G5 23712	65.51 2.27 0.00	47.24 1.50 0.00	34.26 1.16 0.00	39.89 1.37 0.00	40.01 1.20 0.00	47.32 1.65 0.00	52.55 1.76 0.00	55.09 2.00 0.00	46.69 1.92 0.00	37.90 1.74 0.01	34.52 1.96 0.00	42.10 2.38 0.00	32.55 1.94 0.20	34.33 2.09 0.16	31.27 2.00 0.22	31.82 1.95 0.11	23.44 1.56 0.93	26.85 1.56 0.62	36.78 1.81 0.03	54.77 2.56 0.00	159.25 6.86 0.00	48.42 2.24 0.00	43.63 1.88 0.00	42.80 1.82 0.00
GLENWOOD_IC_2_G1 23688	65.42 2.18 0.00	47.20 1.46 0.00	34.20 1.10 0.00	39.84 1.31 0.00	39.97 1.17 0.00	47.26 1.60 0.00	52.54 1.74 0.00	55.06 1.97 0.00	46.65 1.87 0.00	37.84 1.69 0.01	34.42 1.86 0.00	42.02 2.29 0.00	32.48 1.87 0.20	34.26 2.02 0.16	31.18 1.92 0.22	31.75 1.88 0.11	23.36 1.49 0.93	26.78 1.49 0.62	36.80 1.84 0.03	54.80 2.59 0.00	159.28 6.90 0.00	48.44 2.26 0.00	43.59 1.83 0.00	42.75 1.78 0.00
GLENWOOD_IC_3_G1 23689	65.42 2.18 0.00	47.20 1.46 0.00	34.20 1.10 0.00	39.84 1.31 0.00	39.97 1.17 0.00	47.26 1.60 0.00	52.54 1.74 0.00	55.06 1.97 0.00	46.65 1.87 0.00	37.84 1.69 0.01	34.42 1.86 0.00	42.02 2.29 0.00	32.48 1.87 0.20	34.26 2.02 0.16	31.18 1.92 0.22	31.75 1.88 0.11	23.36 1.49 0.93	26.78 1.49 0.62	36.80 1.84 0.03	54.80 2.59 0.00	159.28 6.90 0.00	48.44 2.26 0.00	43.59 1.83 0.00	42.75 1.78 0.00
GLENWOOD___4 23550	65.51 2.27 0.00	47.24 1.50 0.00	34.26 1.16 0.00	39.89 1.37 0.00	40.01 1.20 0.00	47.32 1.65 0.00	52.55 1.76 0.00	55.09 2.00 0.00	46.69 1.92 0.00	37.90 1.74 0.01	34.52 1.96 0.00	42.10 2.38 0.00	32.55 1.94 0.20	34.33 2.09 0.16	31.27 2.00 0.22	31.82 1.95 0.11	23.44 1.56 0.93	26.85 1.56 0.62	36.82 1.85 0.03	54.83 2.63 0.00	159.41 7.02 0.00	48.48 2.29 0.00	43.63 1.88 0.00	42.80 1.82 0.00
GLENWOOD___5 23614	65.51 2.27 0.00	47.24 1.50 0.00	34.26 1.16 0.00	39.89 1.37 0.00	40.01 1.20 0.00	47.32 1.65 0.00	52.55 1.76 0.00	55.09 2.00 0.00	46.69 1.92 0.00	37.90 1.74 0.01	34.52 1.96 0.00	42.10 2.38 0.00	32.55 1.94 0.20	34.33 2.09 0.16	31.27 2.00 0.22	31.82 1.95 0.11	23.44 1.56 0.93	26.85 1.56 0.62	36.82 1.85 0.03	54.83 2.63 0.00	159.41 7.02 0.00	48.48 2.29 0.00	43.63 1.88 0.00	42.80 1.82 0.00
GLOBAL GREEN_PORT_GT1 23814	64.24 1.00 0.00	46.21 0.47 0.00	33.61 0.51 0.00	39.19 0.67 0.00	39.16 0.36 0.00	46.37 0.71 0.00	51.37 0.58 0.00	53.95 0.91 0.05	45.98 1.21 0.00	37.48 1.33 0.01	34.24 1.67 0.00	41.31 1.59 0.00	31.84 1.22 0.20	33.82 1.58 0.16	31.25 1.99 0.22	32.05 2.18 0.11	24.05 2.18 0.93	27.65 2.36 0.62	38.10 3.14 0.03	56.98 4.78 0.00	164.36 13.01 1.03	50.38 4.19 0.00	44.96 3.20 0.00	44.03 3.05 0.00
GLOBE___DSASP 323697	58.29 -4.96 0.00	42.00 -3.74 0.00	30.40 -2.69 0.00	35.37 -3.15 0.00	35.81 -2.99 0.00	42.03 -3.63 0.00	46.89 -3.91 0.00	48.28 -4.81 0.00	40.49 -4.28 0.00	32.34 -3.83 0.00	28.78 -3.78 0.00	35.14 -4.58 0.00	27.29 -3.53 0.00	28.50 -3.91 0.00	25.96 -3.53 0.00	26.57 -3.42 0.00	20.43 -2.37 0.00	22.93 -2.97 0.00	30.61 -4.39 0.00	45.81 -6.39 0.00	134.56 -17.83 0.00	41.35 -4.84 0.00	38.56 -3.20 0.00	37.92 -3.06 0.00
GOETHSLN___LBMP 323567	65.53 2.29 0.00	47.23 1.49 0.00	34.22 1.12 0.00	39.87 1.35 0.00	40.07 1.26 0.00	47.44 1.78 0.00	52.83 2.03 0.00	55.40 2.30 0.00	46.89 2.11 0.00	38.15 1.81 -0.17	34.44 1.86 0.00	42.07 2.35 0.00	35.60 1.96 -2.83	36.80 2.09 -2.31	34.54 1.95 -3.11	33.53 1.93 -1.61	43.18 1.49 -18.89	41.56 1.51 -14.16	37.68 1.88 -0.80	54.86 2.65 0.00	159.64 7.26 0.00	48.57 2.35 -0.03	43.74 1.97 -0.01	42.93 1.93 -0.01
GOLAH___69_KV_TB 1_2 80279	61.79 -1.45 0.00	44.55 -1.20 0.00	32.22 -0.88 0.00	37.51 -1.01 0.00	37.86 -0.94 0.00	44.52 -1.14 0.00	49.72 -1.08 0.00	51.52 -1.57 0.00	43.04 -1.73 0.00	34.36 -1.81 0.00	30.72 -1.85 0.00	37.45 -2.28 0.00	29.04 -1.77 0.00	30.41 -1.99 0.00	27.72 -1.77 0.00	28.24 -1.74 0.00	21.64 -1.16 0.00	24.50 -1.40 0.00	33.12 -1.88 0.00	49.88 -2.33 0.00	146.33 -6.06 0.00	44.58 -1.60 0.00	40.84 -0.92 0.00	40.09 -0.89 0.00

GOODYEAR_LAKE_HYD 323669	65.56 2.32 0.00	47.39 1.64 0.00	34.26 1.16 0.00	39.86 1.34 0.00	40.11 1.31 0.00	47.22 1.56 0.00	52.56 1.77 0.00	55.02 1.93 0.00	46.38 1.60 0.00	37.38 1.21 0.00	33.67 1.11 0.00	41.04 1.32 0.00	31.76 0.95 0.00	33.36 0.95 0.00	30.30 0.82 0.00	30.77 0.79 0.00	23.41 0.61 0.00	26.61 0.71 0.00	36.15 1.15 0.00	54.20 1.99 0.00	158.43 6.05 0.00	48.04 1.86 0.00	43.35 1.60 0.00	42.57 1.59 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	63.45 0.21 0.00	45.78 0.03 0.00	33.15 0.05 0.00	38.63 0.11 0.00	38.92 0.12 0.00	45.73 0.07 0.00	50.99 0.19 0.00	53.31 0.22 0.00	44.79 0.02 0.00	35.99 -0.17 0.00	32.48 -0.08 0.00	39.63 -0.09 0.00	30.75 -0.07 0.00	32.26 -0.14 0.00	29.43 -0.05 0.00	29.86 -0.13 0.00	22.75 -0.06 0.00	25.86 -0.04 0.00	34.92 -0.09 0.00	52.27 0.06 0.00	153.34 0.95 0.00	46.46 0.27 0.00	42.11 0.36 0.00	41.47 0.49 0.00
GOUDEY___7 23579	63.45 0.21 0.00	45.78 0.03 0.00	33.15 0.05 0.00	38.63 0.11 0.00	38.92 0.12 0.00	45.73 0.07 0.00	50.99 0.19 0.00	53.31 0.22 0.00	44.79 0.02 0.00	35.99 -0.17 0.00	32.48 -0.08 0.00	39.63 -0.09 0.00	30.75 -0.07 0.00	32.26 -0.14 0.00	29.43 -0.05 0.00	29.86 -0.13 0.00	22.75 -0.06 0.00	25.86 -0.04 0.00	34.92 -0.09 0.00	52.27 0.06 0.00	153.34 0.95 0.00	46.46 0.27 0.00	42.11 0.36 0.00	41.47 0.49 0.00
GOUDEY___8 23580	63.45 0.21 0.00	45.78 0.03 0.00	33.15 0.05 0.00	38.63 0.11 0.00	38.92 0.12 0.00	45.73 0.07 0.00	50.99 0.19 0.00	53.31 0.22 0.00	44.79 0.02 0.00	35.99 -0.17 0.00	32.48 -0.08 0.00	39.63 -0.09 0.00	30.75 -0.07 0.00	32.26 -0.14 0.00	29.43 -0.05 0.00	29.86 -0.13 0.00	22.75 -0.06 0.00	25.86 -0.04 0.00	34.92 -0.09 0.00	52.27 0.06 0.00	153.34 0.95 0.00	46.46 0.27 0.00	42.11 0.36 0.00	41.47 0.49 0.00
GOWANUS_GT1_1 24077	66.27 3.02 0.00	52.61 2.15 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.97 1.84 -10.33	51.33 2.38 -3.29	55.47 2.64 -2.04	57.89 2.94 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.22 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.36 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.38 -2.24	179.53 9.15 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.23 2.54 -8.71
GOWANUS_GT1_2 24078	66.27 3.02 0.00	52.61 2.15 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.97 1.84 -10.33	51.33 2.38 -3.29	55.47 2.64 -2.04	57.89 2.94 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.22 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.36 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.38 -2.24	179.53 9.15 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.23 2.54 -8.71
GOWANUS_GT1_3 24079	66.27 3.02 0.00	52.61 2.15 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.97 1.84 -10.33	51.33 2.38 -3.29	55.47 2.64 -2.04	57.89 2.94 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.22 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.36 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.38 -2.24	179.53 9.15 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.23 2.54 -8.71
GOWANUS_GT1_4 24080	66.27 3.02 0.00	52.61 2.15 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.97 1.84 -10.33	51.33 2.38 -3.29	55.47 2.64 -2.04	57.89 2.94 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.22 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.36 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.38 -2.24	179.53 9.15 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.23 2.54 -8.71
GOWANUS_GT1_5 24084	66.27 3.02 0.00	52.61 2.15 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.97 1.84 -10.33	51.33 2.38 -3.29	55.47 2.64 -2.04	57.89 2.94 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.22 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.36 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.38 -2.24	179.53 9.15 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.23 2.54 -8.71
GOWANUS_GT1_6 24111	66.27 3.02 0.00	52.61 2.15 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.97 1.84 -10.33	51.33 2.38 -3.29	55.47 2.64 -2.04	57.89 2.94 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.22 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.36 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.38 -2.24	179.53 9.15 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.23 2.54 -8.71
GOWANUS_GT1_7 24112	66.27 3.02 0.00	52.61 2.15 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.97 1.84 -10.33	51.33 2.38 -3.29	55.47 2.64 -2.04	57.89 2.94 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.22 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.36 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.38 -2.24	179.53 9.15 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.23 2.54 -8.71
GOWANUS_GT1_8 24113	66.27 3.02 0.00	52.61 2.15 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.97 1.84 -10.33	51.33 2.38 -3.29	55.47 2.64 -2.04	57.89 2.94 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.22 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.36 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.38 -2.24	179.53 9.15 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.23 2.54 -8.71
GOWANUS_GT2_1 24114	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
GOWANUS_GT2_2 24115	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
GOWANUS_GT2_3 24116	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71

GOWANUS_GT2_4 24117	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
GOWANUS_GT2_5 24118	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
GOWANUS_GT2_6 24119	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
GOWANUS_GT2_7 24120	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
GOWANUS_GT2_8 24121	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
GOWANUS_GT3_1 24122	66.27 3.03 0.00	52.62 2.16 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.96 1.84 -10.33	51.33 2.38 -3.29	55.48 2.64 -2.04	57.88 2.93 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.21 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.37 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.37 -2.24	179.48 9.10 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.24 2.55 -8.71
GOWANUS_GT3_2 24123	66.27 3.03 0.00	52.62 2.16 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.96 1.84 -10.33	51.33 2.38 -3.29	55.48 2.64 -2.04	57.88 2.93 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.21 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.37 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.37 -2.24	179.48 9.10 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.24 2.55 -8.71
GOWANUS_GT3_3 24124	66.27 3.03 0.00	52.62 2.16 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.96 1.84 -10.33	51.33 2.38 -3.29	55.48 2.64 -2.04	57.88 2.93 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.21 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.37 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.37 -2.24	179.48 9.10 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.24 2.55 -8.71
GOWANUS_GT3_4 24125	66.27 3.03 0.00	52.62 2.16 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.96 1.84 -10.33	51.33 2.38 -3.29	55.48 2.64 -2.04	57.88 2.93 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.21 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.37 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.37 -2.24	179.48 9.10 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.24 2.55 -8.71
GOWANUS_GT3_5 24126	66.27 3.03 0.00	52.62 2.16 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.96 1.84 -10.33	51.33 2.38 -3.29	55.48 2.64 -2.04	57.88 2.93 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.21 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.37 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.37 -2.24	179.48 9.10 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.24 2.55 -8.71
GOWANUS_GT3_6 24127	66.27 3.03 0.00	52.62 2.16 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.96 1.84 -10.33	51.33 2.38 -3.29	55.48 2.64 -2.04	57.88 2.93 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.21 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.37 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.37 -2.24	179.48 9.10 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.24 2.55 -8.71
GOWANUS_GT3_7 24128	66.27 3.03 0.00	52.62 2.16 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.96 1.84 -10.33	51.33 2.38 -3.29	55.48 2.64 -2.04	57.88 2.93 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.21 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.37 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.37 -2.24	179.48 9.10 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.24 2.55 -8.71
GOWANUS_GT3_8 24129	66.27 3.03 0.00	52.62 2.16 -4.72	51.23 1.62 -16.51	50.97 1.92 -10.53	50.96 1.84 -10.33	51.33 2.38 -3.29	55.48 2.64 -2.04	57.88 2.93 -1.86	53.43 2.69 -5.96	52.18 2.34 -13.68	52.15 2.37 -17.21	52.21 2.94 -9.55	52.16 2.39 -18.96	52.17 2.54 -17.23	52.16 2.37 -20.31	52.15 2.38 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.39 2.40 -17.99	57.82 3.37 -2.24	179.48 9.10 -18.00	60.38 3.03 -11.17	59.75 2.61 -15.37	52.24 2.55 -8.71
GOWANUS_GT4_1 24130	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.97 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.90 2.95 -1.86	53.44 2.70 -5.96	52.19 2.35 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.17 2.37 -20.31	52.15 2.39 -19.78	54.79 1.76 -30.22	54.51 1.82 -26.80	55.41 2.42 -17.99	57.85 3.40 -2.24	179.60 9.22 -18.00	60.39 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
GOWANUS_GT4_2 24131	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.97 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.90 2.95 -1.86	53.44 2.70 -5.96	52.19 2.35 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.17 2.37 -20.31	52.15 2.39 -19.78	54.79 1.76 -30.22	54.51 1.82 -26.80	55.41 2.42 -17.99	57.85 3.40 -2.24	179.60 9.22 -18.00	60.39 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71

GOWANUS_GT4_3 24132	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.97 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.90 2.95 -1.86	53.44 2.70 -5.96	52.19 2.35 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.17 2.37 -20.31	52.15 2.39 -19.78	54.79 1.76 -30.22	54.51 1.82 -26.80	55.41 2.42 -17.99	57.85 3.40 -2.24	179.60 9.22 -18.00	60.39 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
GOWANUS_GT4_4 24133	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.97 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.90 2.95 -1.86	53.44 2.70 -5.96	52.19 2.35 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.17 2.37 -20.31	52.15 2.39 -19.78	54.79 1.76 -30.22	54.51 1.82 -26.80	55.41 2.42 -17.99	57.85 3.40 -2.24	179.60 9.22 -18.00	60.39 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
GOWANUS_GT4_5 24134	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.97 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.90 2.95 -1.86	53.44 2.70 -5.96	52.19 2.35 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.17 2.37 -20.31	52.15 2.39 -19.78	54.79 1.76 -30.22	54.51 1.82 -26.80	55.41 2.42 -17.99	57.85 3.40 -2.24	179.60 9.22 -18.00	60.39 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
GOWANUS_GT4_6 24135	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.97 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.90 2.95 -1.86	53.44 2.70 -5.96	52.19 2.35 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.17 2.37 -20.31	52.15 2.39 -19.78	54.79 1.76 -30.22	54.51 1.82 -26.80	55.41 2.42 -17.99	57.85 3.40 -2.24	179.60 9.22 -18.00	60.39 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
GOWANUS_GT4_7 24136	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.97 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.90 2.95 -1.86	53.44 2.70 -5.96	52.19 2.35 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.17 2.37 -20.31	52.15 2.39 -19.78	54.79 1.76 -30.22	54.51 1.82 -26.80	55.41 2.42 -17.99	57.85 3.40 -2.24	179.60 9.22 -18.00	60.39 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
GOWANUS_GT4_8 24137	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.97 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.90 2.95 -1.86	53.44 2.70 -5.96	52.19 2.35 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.17 2.37 -20.31	52.15 2.39 -19.78	54.79 1.76 -30.22	54.51 1.82 -26.80	55.41 2.42 -17.99	57.85 3.40 -2.24	179.60 9.22 -18.00	60.39 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
GREENBSH_115KV_TB3 55895	63.33 0.09 0.00	45.89 0.15 0.00	33.30 0.20 0.00	38.74 0.22 0.00	39.02 0.21 0.00	45.81 0.15 0.00	51.02 0.22 0.00	53.34 0.25 0.00	45.18 0.40 0.00	36.71 0.55 0.00	33.17 0.61 0.00	40.51 0.79 0.00	31.50 0.68 0.00	33.22 0.81 0.00	30.25 0.76 0.00	30.75 0.76 0.00	23.33 0.53 0.00	26.42 0.52 0.00	35.62 0.62 0.00	52.80 0.60 0.00	153.66 1.28 0.00	46.50 0.32 0.00	42.07 0.32 0.00	41.23 0.25 0.00
GREENIDGE_115KV_TB5 80291	62.74 -0.50 0.00	45.46 -0.28 0.00	32.92 -0.18 0.00	38.38 -0.14 0.00	38.71 -0.09 0.00	45.50 -0.16 0.00	50.73 -0.07 0.00	52.93 -0.16 0.00	44.20 -0.57 0.00	35.16 -1.00 0.00	31.53 -1.04 0.00	38.42 -1.30 0.00	29.84 -0.98 0.00	31.24 -1.17 0.00	28.48 -1.00 0.00	28.92 -1.07 0.00	22.10 -0.70 0.00	25.16 -0.74 0.00	34.25 -0.75 0.00	51.63 -0.58 0.00	150.95 -1.44 0.00	46.13 -0.05 0.00	41.98 0.23 0.00	41.32 0.34 0.00
GREENIDGE___3 23582	62.74 -0.50 0.00	45.46 -0.28 0.00	32.92 -0.18 0.00	38.38 -0.14 0.00	38.71 -0.09 0.00	45.50 -0.16 0.00	50.73 -0.07 0.00	52.93 -0.16 0.00	44.20 -0.57 0.00	35.16 -1.00 0.00	31.53 -1.04 0.00	38.42 -1.30 0.00	29.84 -0.98 0.00	31.24 -1.17 0.00	28.48 -1.00 0.00	28.92 -1.07 0.00	22.10 -0.70 0.00	25.16 -0.74 0.00	34.25 -0.75 0.00	51.63 -0.58 0.00	150.95 -1.44 0.00	46.13 -0.05 0.00	41.98 0.23 0.00	41.32 0.34 0.00
GREENIDGE___4 23583	62.74 -0.50 0.00	45.46 -0.28 0.00	32.93 -0.17 0.00	38.38 -0.14 0.00	38.71 -0.09 0.00	45.50 -0.16 0.00	50.73 -0.07 0.00	52.93 -0.16 0.00	44.20 -0.58 0.00	35.16 -1.00 0.00	31.52 -1.04 0.00	38.42 -1.30 0.00	29.84 -0.98 0.00	31.23 -1.17 0.00	28.48 -1.00 0.00	28.92 -1.07 0.00	22.10 -0.70 0.00	25.16 -0.74 0.00	34.25 -0.75 0.00	51.63 -0.58 0.00	150.95 -1.43 0.00	46.12 -0.06 0.00	41.99 0.23 0.00	41.32 0.34 0.00
GREENLWN_69_KV_BK 3 55738	63.99 0.75 0.00	46.16 0.42 0.00	33.54 0.44 0.00	39.16 0.64 0.00	39.16 0.35 0.00	46.30 0.64 0.00	51.26 0.46 0.00	53.70 0.65 0.05	45.60 0.82 0.00	37.14 0.99 0.01	34.16 1.60 0.00	41.53 1.81 0.00	32.06 1.44 0.20	33.80 1.56 0.16	30.83 1.57 0.22	31.29 1.42 0.11	23.11 1.23 0.93	26.40 1.11 0.62	36.22 1.26 0.03	53.97 1.77 0.00	155.69 4.31 1.01	47.71 1.53 0.00	42.65 0.89 0.00	41.78 0.80 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.97 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.90 2.95 -1.86	53.44 2.70 -5.96	52.19 2.35 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.17 2.37 -20.31	52.15 2.39 -19.78	54.79 1.76 -30.22	54.51 1.82 -26.80	55.41 2.42 -17.99	57.85 3.40 -2.24	179.60 9.22 -18.00	60.39 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
GRISSOM___SOLAR 323813	66.70 3.46 0.00	48.20 2.46 0.00	34.83 1.73 0.00	40.53 2.01 0.00	40.81 2.02 0.00	48.03 2.37 0.00	53.52 2.73 0.00	55.94 2.84 0.00	47.07 2.30 0.00	37.74 1.57 0.00	33.98 1.41 0.00	41.25 1.53 0.00	31.54 0.72 0.00	33.24 0.84 0.00	29.84 0.35 0.00	30.15 0.16 0.00	22.72 -0.09 0.00	26.13 0.23 0.00	36.25 1.25 0.00	55.09 2.88 0.00	161.26 8.87 0.00	48.87 2.68 0.00	44.06 2.30 0.00	43.15 2.17 0.00
GROVEVILLE___HYD 323602	65.72 2.48 0.00	47.43 1.69 0.00	34.34 1.24 0.00	39.98 1.46 0.00	40.20 1.41 0.00	47.47 1.81 0.00	52.88 2.09 0.00	55.42 2.33 0.00	46.89 2.12 0.00	37.93 1.77 0.00	34.37 1.80 0.00	42.03 2.31 0.00	32.70 1.89 0.00	34.44 2.04 0.00	31.38 1.89 0.00	31.90 1.91 0.00	24.26 1.46 0.00	27.42 1.53 0.00	36.94 1.94 0.00	54.97 2.77 0.00	160.09 7.70 0.00	48.55 2.36 0.00	43.74 1.98 0.00	42.88 1.90 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	62.87 -0.37 0.00	45.42 -0.32 0.00	32.86 -0.23 0.00	38.25 -0.27 0.00	38.55 -0.25 0.00	45.37 -0.28 0.00	50.58 -0.22 0.00	52.81 -0.28 0.00	44.36 -0.41 0.00	35.71 -0.46 0.00	32.13 -0.44 0.00	39.16 -0.56 0.00	30.37 -0.44 0.00	31.91 -0.49 0.00	29.05 -0.44 0.00	29.52 -0.46 0.00	22.49 -0.32 0.00	25.58 -0.32 0.00	34.67 -0.33 0.00	51.80 -0.40 0.00	151.57 -0.81 0.00	45.94 -0.24 0.00	41.58 -0.17 0.00	40.84 -0.14 0.00

HAMLTNNY_34_KV_TB 80303	62.94 -0.30 0.00	45.46 -0.28 0.00	32.91 -0.19 0.00	38.28 -0.24 0.00	38.61 -0.19 0.00	45.44 -0.22 0.00	50.67 -0.13 0.00	52.88 -0.21 0.00	44.38 -0.40 0.00	35.68 -0.48 0.00	32.08 -0.48 0.00	39.10 -0.62 0.00	30.31 -0.51 0.00	31.84 -0.56 0.00	28.99 -0.50 0.00	29.48 -0.51 0.00	22.46 -0.35 0.00	25.55 -0.35 0.00	34.67 -0.33 0.00	51.84 -0.37 0.00	151.70 -0.69 0.00	46.02 -0.16 0.00	41.68 -0.08 0.00	40.94 -0.04 0.00
HAMPSHIRE___PAPER_HYD 323593	63.66 0.41 0.00	45.88 0.14 0.00	32.97 -0.13 0.00	38.35 -0.17 0.00	38.65 -0.14 0.00	45.75 0.09 0.00	50.81 0.01 0.00	53.31 0.22 0.00	44.63 -0.15 0.00	35.79 -0.37 0.00	31.91 -0.65 0.00	38.65 -1.07 0.00	29.79 -1.03 0.00	31.22 -1.18 0.00	28.30 -1.18 0.00	28.74 -1.25 0.00	22.00 -0.80 0.00	25.24 -0.66 0.00	34.44 -0.56 0.00	51.88 -0.33 0.00	151.38 -1.01 0.00	45.61 -0.58 0.00	41.14 -0.62 0.00	40.31 -0.67 0.00
HARDSCRABBLE_WT_PWR 323673	62.27 -0.97 0.00	45.02 -0.73 0.00	32.64 -0.46 0.00	37.95 -0.57 0.00	38.08 -0.72 0.00	44.71 -0.95 0.00	49.86 -0.94 0.00	52.37 -0.72 0.00	44.38 -0.40 0.00	35.92 -0.25 0.00	32.60 0.03 0.00	39.72 -0.01 0.00	30.49 -0.33 0.00	32.21 -0.19 0.00	29.14 -0.35 0.00	29.42 -0.56 0.00	21.99 -0.82 0.00	25.09 -0.80 0.00	34.64 -0.36 0.00	52.11 -0.10 0.00	152.23 -0.15 0.00	45.90 -0.28 0.00	41.35 -0.40 0.00	40.31 -0.67 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	65.15 1.91 0.00	47.02 1.27 0.00	34.02 0.92 0.00	39.63 1.11 0.00	39.86 1.07 0.00	47.12 1.46 0.00	52.52 1.72 0.00	55.05 1.95 0.00	46.51 1.73 0.00	37.57 1.41 0.00	34.02 1.45 0.00	41.61 1.89 0.00	32.42 1.60 0.00	34.12 1.72 0.00	31.07 1.59 0.00	31.55 1.57 0.00	24.04 1.24 0.00	27.14 1.24 0.00	36.58 1.58 0.00	54.51 2.30 0.00	158.72 6.34 0.00	48.11 1.93 0.00	43.35 1.60 0.00	42.52 1.54 0.00
HARSNRAD_115KV_TB1 81005	59.52 -3.72 0.00	42.88 -2.86 0.00	31.04 -2.06 0.00	36.12 -2.40 0.00	36.56 -2.24 0.00	42.91 -2.75 0.00	47.94 -2.86 0.00	49.33 -3.76 0.00	41.20 -3.58 0.00	32.82 -3.34 0.00	29.23 -3.34 0.00	35.72 -4.00 0.00	27.77 -3.04 0.00	29.00 -3.40 0.00	26.43 -3.06 0.00	27.02 -2.97 0.00	20.78 -2.03 0.00	23.29 -2.61 0.00	31.17 -3.83 0.00	46.85 -5.36 0.00	137.75 -14.64 0.00	42.29 -3.90 0.00	39.34 -2.42 0.00	38.70 -2.29 0.00
HARZA MOOSE___RIVER 24016	64.42 1.18 0.00	46.39 0.65 0.00	33.34 0.24 0.00	38.82 0.30 0.00	39.11 0.31 0.00	46.31 0.65 0.00	51.68 0.88 0.00	54.09 1.00 0.00	45.34 0.57 0.00	36.39 0.22 0.00	32.62 0.05 0.00	39.54 -0.18 0.00	30.51 -0.31 0.00	32.02 -0.39 0.00	29.05 -0.44 0.00	29.46 -0.52 0.00	22.48 -0.32 0.00	25.76 -0.14 0.00	35.22 0.22 0.00	52.90 0.70 0.00	154.20 1.81 0.00	46.44 0.26 0.00	41.88 0.12 0.00	41.05 0.07 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	62.47 -0.77 0.00	45.11 -0.63 0.00	32.64 -0.45 0.00	38.02 -0.50 0.00	38.30 -0.50 0.00	45.07 -0.59 0.00	50.23 -0.57 0.00	52.44 -0.65 0.00	44.10 -0.67 0.00	35.50 -0.67 0.00	31.96 -0.60 0.00	38.96 -0.76 0.00	30.23 -0.59 0.00	31.75 -0.66 0.00	28.90 -0.58 0.00	29.38 -0.60 0.00	22.37 -0.44 0.00	25.45 -0.45 0.00	34.44 -0.56 0.00	51.50 -0.71 0.00	150.60 -1.79 0.00	45.65 -0.54 0.00	41.34 -0.42 0.00	40.58 -0.40 0.00
HELLGATE_13_KV_LD 55870	66.40 3.16 0.00	47.92 2.18 -0.01	34.70 1.60 0.00	40.41 1.89 0.00	40.61 1.81 0.00	48.01 2.35 0.00	53.42 2.62 0.00	56.01 2.92 0.00	47.46 2.68 0.00	38.70 2.33 -0.21	34.94 2.37 -0.01	42.68 2.96 0.00	36.66 2.39 -3.45	37.77 2.56 -2.81	35.67 2.39 -3.79	34.33 2.39 -1.96	46.38 1.81 -21.76	43.82 1.86 -16.06	38.30 2.39 -0.91	55.59 3.38 0.00	161.72 9.33 0.00	49.26 3.04 -0.04	44.38 2.61 -0.01	43.53 2.53 -0.02
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	66.40 3.16 0.00	47.92 2.18 -0.01	34.70 1.60 0.00	40.41 1.89 0.00	40.61 1.81 0.00	48.01 2.35 0.00	53.42 2.62 0.00	56.01 2.92 0.00	47.46 2.68 0.00	38.70 2.33 -0.21	34.94 2.37 -0.01	42.68 2.96 0.00	36.66 2.39 -3.45	37.77 2.56 -2.81	35.67 2.39 -3.79	34.33 2.39 -1.96	46.38 1.81 -21.76	43.82 1.86 -16.06	38.30 2.39 -0.91	55.59 3.38 0.00	161.72 9.33 0.00	49.26 3.04 -0.04	44.38 2.61 -0.01	43.53 2.53 -0.02
HEMPSTEAD____ 23647	64.91 1.67 0.00	46.80 1.06 0.00	33.97 0.87 0.00	39.56 1.04 0.00	39.62 0.82 0.00	46.88 1.22 0.00	52.00 1.20 0.00	54.51 1.42 0.00	46.25 1.47 0.00	37.59 1.43 0.01	34.32 1.76 0.00	41.81 2.09 0.00	32.32 1.71 0.20	34.09 1.85 0.16	31.08 1.81 0.22	31.61 1.74 0.11	23.32 1.44 0.93	26.68 1.40 0.62	36.61 1.64 0.03	54.53 2.33 0.00	158.29 5.91 0.00	48.21 2.03 0.00	43.26 1.50 0.00	42.43 1.45 0.00
HEWLETT_69_KV_BK3 55828	65.48 2.24 0.00	47.22 1.48 0.00	34.28 1.18 0.00	39.93 1.42 0.00	39.98 1.18 0.00	47.31 1.64 0.00	52.42 1.62 0.00	54.99 1.83 -0.08	46.59 1.81 0.00	37.88 1.73 0.01	34.63 2.07 0.00	42.14 2.42 0.00	32.58 1.97 0.20	34.41 2.17 0.16	31.34 2.07 0.22	31.89 2.02 0.11	23.52 1.65 0.93	26.94 1.65 0.62	36.95 1.98 0.03	55.05 2.84 0.00	161.42 7.43 -1.61	48.68 2.50 0.00	43.60 1.85 0.00	42.76 1.78 0.00
HICKLING___1 23621	63.19 -0.05 0.00	45.46 -0.28 0.00	32.96 -0.14 0.00	38.47 -0.05 0.00	38.82 0.02 0.00	45.57 -0.09 0.00	50.87 0.08 0.00	53.11 0.02 0.00	44.38 -0.39 0.00	35.34 -0.83 0.00	31.85 -0.71 0.00	38.90 -0.82 0.00	30.22 -0.60 0.00	31.62 -0.79 0.00	28.91 -0.57 0.00	29.26 -0.73 0.00	22.35 -0.46 0.00	25.49 -0.42 0.00	34.46 -0.54 0.00	51.87 -0.34 0.00	152.85 0.46 0.00	46.32 0.14 0.00	42.19 0.43 0.00	41.67 0.69 0.00
HICKLING___2 23622	63.19 -0.05 0.00	45.46 -0.28 0.00	32.96 -0.14 0.00	38.47 -0.05 0.00	38.82 0.02 0.00	45.57 -0.09 0.00	50.87 0.08 0.00	53.11 0.02 0.00	44.38 -0.39 0.00	35.34 -0.83 0.00	31.85 -0.71 0.00	38.90 -0.82 0.00	30.22 -0.60 0.00	31.62 -0.79 0.00	28.91 -0.57 0.00	29.26 -0.73 0.00	22.35 -0.46 0.00	25.49 -0.42 0.00	34.46 -0.54 0.00	51.87 -0.34 0.00	152.85 0.46 0.00	46.32 0.14 0.00	42.19 0.43 0.00	41.67 0.69 0.00
HIGH FALLS___HY 23754	66.00 2.76 0.00	47.60 1.86 0.00	34.46 1.36 0.00	40.12 1.60 0.00	40.34 1.54 0.00	47.68 2.02 0.00	53.14 2.35 0.00	55.71 2.62 0.00	47.04 2.26 0.00	37.97 1.80 0.00	34.36 1.80 0.00	41.99 2.27 0.00	32.62 1.81 0.00	34.35 1.94 0.00	31.29 1.80 0.00	31.88 1.90 0.00	24.26 1.45 0.00	27.36 1.46 0.00	36.94 1.94 0.00	55.14 2.93 0.00	160.70 8.31 0.00	48.73 2.54 0.00	43.86 2.11 0.00	43.02 2.04 0.00
HIGH_RIVER___SOLAR 323847	65.29 2.05 0.00	47.21 1.47 0.00	34.14 1.04 0.00	39.75 1.23 0.00	40.02 1.22 0.00	47.09 1.43 0.00	52.44 1.64 0.00	54.78 1.69 0.00	46.14 1.37 0.00	37.16 1.00 0.00	33.47 0.90 0.00	40.76 1.04 0.00	31.36 0.55 0.00	33.03 0.63 0.00	29.91 0.42 0.00	30.32 0.33 0.00	22.92 0.12 0.00	26.31 0.41 0.00	36.00 1.00 0.00	54.02 1.82 0.00	157.81 5.42 0.00	47.83 1.65 0.00	43.17 1.41 0.00	42.34 1.36 0.00

HILLBURN___GT 23639	64.94 1.70 0.00	46.86 1.12 0.00	33.89 0.79 0.00	39.50 0.97 0.00	39.72 0.92 0.00	46.99 1.33 0.00	52.40 1.60 0.00	54.93 1.84 0.00	46.41 1.63 0.00	37.50 1.33 0.00	33.98 1.41 0.00	41.56 1.84 0.00	32.39 1.57 0.00	34.09 1.69 0.00	31.05 1.56 0.00	31.53 1.54 0.00	24.02 1.21 0.00	27.08 1.18 0.00	36.49 1.48 0.00	54.36 2.15 0.00	158.27 5.88 0.00	47.98 1.79 0.00	43.24 1.48 0.00	42.42 1.44 0.00
HILLSIDE_115KV_TB1 80332	62.74 -0.50 0.00	45.16 -0.58 0.00	32.74 -0.36 0.00	38.20 -0.32 0.00	38.57 -0.23 0.00	45.25 -0.41 0.00	50.54 -0.27 0.00	52.85 -0.24 0.00	44.23 -0.54 0.00	35.31 -0.86 0.00	31.93 -0.64 0.00	38.99 -0.73 0.00	30.25 -0.57 0.00	31.66 -0.74 0.00	28.97 -0.51 0.00	29.30 -0.69 0.00	22.36 -0.44 0.00	25.47 -0.43 0.00	34.35 -0.65 0.00	51.58 -0.63 0.00	151.96 -0.43 0.00	46.01 -0.18 0.00	41.82 0.07 0.00	41.35 0.36 0.00
HISHELDN_WT_PWR 323625	60.72 -2.53 0.00	43.69 -2.05 0.00	31.65 -1.45 0.00	36.87 -1.65 0.00	37.27 -1.53 0.00	43.70 -1.96 0.00	48.82 -1.98 0.00	50.49 -2.60 0.00	42.09 -2.69 0.00	33.42 -2.74 0.00	29.90 -2.66 0.00	36.52 -3.20 0.00	28.43 -2.39 0.00	29.70 -2.71 0.00	27.07 -2.42 0.00	27.58 -2.40 0.00	21.17 -1.63 0.00	23.92 -1.98 0.00	32.25 -2.75 0.00	48.65 -3.56 0.00	143.30 -9.08 0.00	43.83 -2.36 0.00	40.49 -1.26 0.00	39.88 -1.11 0.00
HOLTSVILLE_IC_1 23690	64.65 1.41 0.00	46.62 0.88 0.00	33.89 0.79 0.00	39.54 1.03 0.00	39.53 0.73 0.00	46.76 1.10 0.00	51.75 0.95 0.00	54.23 1.19 0.05	46.09 1.31 0.00	37.56 1.41 0.01	34.45 1.88 0.00	41.77 2.05 0.00	32.21 1.60 0.20	34.00 1.76 0.16	31.06 1.80 0.22	31.54 1.67 0.11	23.39 1.52 0.93	26.73 1.45 0.62	36.70 1.73 0.03	54.77 2.56 0.00	157.78 6.43 1.04	48.51 2.33 0.00	43.33 1.58 0.00	42.54 1.56 0.00
HOLTSVILLE_IC_10 23699	64.92 1.68 0.00	46.79 1.05 0.00	34.02 0.92 0.00	39.70 1.17 0.00	39.67 0.87 0.00	46.94 1.28 0.00	51.95 1.15 0.00	54.44 1.40 0.05	46.28 1.51 0.00	37.71 1.56 0.01	34.58 2.02 0.00	41.89 2.17 0.00	32.30 1.68 0.20	34.09 1.86 0.16	31.15 1.88 0.22	31.63 1.76 0.11	23.48 1.61 0.93	26.83 1.54 0.62	36.84 1.88 0.03	55.01 2.80 0.00	158.55 7.18 1.02	48.73 2.55 0.00	43.51 1.75 0.00	42.69 1.71 0.00
HOLTSVILLE_IC_2 23691	64.65 1.41 0.00	46.62 0.88 0.00	33.89 0.79 0.00	39.54 1.03 0.00	39.53 0.73 0.00	46.76 1.10 0.00	51.75 0.95 0.00	54.23 1.19 0.05	46.09 1.31 0.00	37.56 1.41 0.01	34.45 1.88 0.00	41.77 2.05 0.00	32.21 1.60 0.20	34.00 1.76 0.16	31.06 1.80 0.22	31.54 1.67 0.11	23.39 1.52 0.93	26.73 1.45 0.62	36.70 1.73 0.03	54.77 2.56 0.00	157.78 6.43 1.04	48.51 2.33 0.00	43.33 1.58 0.00	42.54 1.56 0.00
HOLTSVILLE_IC_3 23692	64.65 1.41 0.00	46.62 0.88 0.00	33.89 0.79 0.00	39.54 1.03 0.00	39.53 0.73 0.00	46.76 1.10 0.00	51.75 0.95 0.00	54.23 1.19 0.05	46.09 1.31 0.00	37.56 1.41 0.01	34.45 1.88 0.00	41.77 2.05 0.00	32.21 1.60 0.20	34.00 1.76 0.16	31.06 1.80 0.22	31.54 1.67 0.11	23.39 1.52 0.93	26.73 1.45 0.62	36.70 1.73 0.03	54.77 2.56 0.00	157.78 6.43 1.04	48.51 2.33 0.00	43.33 1.58 0.00	42.54 1.56 0.00
HOLTSVILLE_IC_4 23693	64.65 1.41 0.00	46.62 0.88 0.00	33.89 0.79 0.00	39.54 1.03 0.00	39.53 0.73 0.00	46.76 1.10 0.00	51.75 0.95 0.00	54.23 1.19 0.05	46.09 1.31 0.00	37.56 1.41 0.01	34.45 1.88 0.00	41.77 2.05 0.00	32.21 1.60 0.20	34.00 1.76 0.16	31.06 1.80 0.22	31.54 1.67 0.11	23.39 1.52 0.93	26.73 1.45 0.62	36.70 1.73 0.03	54.77 2.56 0.00	157.78 6.43 1.04	48.51 2.33 0.00	43.33 1.58 0.00	42.54 1.56 0.00
HOLTSVILLE_IC_5 23694	64.65 1.41 0.00	46.62 0.88 0.00	33.89 0.79 0.00	39.54 1.03 0.00	39.53 0.73 0.00	46.76 1.10 0.00	51.75 0.95 0.00	54.23 1.19 0.05	46.09 1.31 0.00	37.56 1.41 0.01	34.45 1.88 0.00	41.77 2.05 0.00	32.21 1.60 0.20	34.00 1.76 0.16	31.06 1.80 0.22	31.54 1.67 0.11	23.39 1.52 0.93	26.73 1.45 0.62	36.70 1.73 0.03	54.77 2.56 0.00	157.78 6.43 1.04	48.51 2.33 0.00	43.33 1.58 0.00	42.54 1.56 0.00
HOLTSVILLE_IC_6 23695	64.92 1.68 0.00	46.79 1.05 0.00	34.02 0.92 0.00	39.70 1.17 0.00	39.67 0.87 0.00	46.94 1.28 0.00	51.95 1.15 0.00	54.44 1.40 0.05	46.28 1.51 0.00	37.71 1.56 0.01	34.58 2.02 0.00	41.89 2.17 0.00	32.30 1.68 0.20	34.09 1.86 0.16	31.15 1.88 0.22	31.63 1.76 0.11	23.48 1.61 0.93	26.83 1.54 0.62	36.84 1.88 0.03	55.01 2.80 0.00	158.55 7.18 1.02	48.73 2.55 0.00	43.51 1.75 0.00	42.69 1.71 0.00
HOLTSVILLE_IC_7 23696	64.92 1.68 0.00	46.79 1.05 0.00	34.02 0.92 0.00	39.70 1.17 0.00	39.67 0.87 0.00	46.94 1.28 0.00	51.95 1.15 0.00	54.44 1.40 0.05	46.28 1.51 0.00	37.71 1.56 0.01	34.58 2.02 0.00	41.89 2.17 0.00	32.30 1.68 0.20	34.09 1.86 0.16	31.15 1.88 0.22	31.63 1.76 0.11	23.48 1.61 0.93	26.83 1.54 0.62	36.84 1.88 0.03	55.01 2.80 0.00	158.55 7.18 1.02	48.73 2.55 0.00	43.51 1.75 0.00	42.69 1.71 0.00
HOLTSVILLE_IC_8 23697	64.92 1.68 0.00	46.79 1.05 0.00	34.02 0.92 0.00	39.70 1.17 0.00	39.67 0.87 0.00	46.94 1.28 0.00	51.95 1.15 0.00	54.44 1.40 0.05	46.28 1.51 0.00	37.71 1.56 0.01	34.58 2.02 0.00	41.89 2.17 0.00	32.30 1.68 0.20	34.09 1.86 0.16	31.15 1.88 0.22	31.63 1.76 0.11	23.48 1.61 0.93	26.83 1.54 0.62	36.84 1.88 0.03	55.01 2.80 0.00	158.55 7.18 1.02	48.73 2.55 0.00	43.51 1.75 0.00	42.69 1.71 0.00
HOLTSVILLE_IC_9 23698	64.92 1.68 0.00	46.79 1.05 0.00	34.02 0.92 0.00	39.70 1.17 0.00	39.67 0.87 0.00	46.94 1.28 0.00	51.95 1.15 0.00	54.44 1.40 0.05	46.28 1.51 0.00	37.71 1.56 0.01	34.58 2.02 0.00	41.89 2.17 0.00	32.30 1.68 0.20	34.09 1.86 0.16	31.15 1.88 0.22	31.63 1.76 0.11	23.48 1.61 0.93	26.83 1.54 0.62	36.84 1.88 0.03	55.01 2.80 0.00	158.55 7.18 1.02	48.73 2.55 0.00	43.51 1.75 0.00	42.69 1.71 0.00
HOMER_HL_115KV_TB2 355744	63.10 -0.14 0.00	45.38 -0.36 0.00	32.92 -0.18 0.00	38.46 -0.06 0.00	38.76 -0.04 0.00	45.35 -0.31 0.00	50.67 -0.13 0.00	52.63 -0.46 0.00	44.03 -0.75 0.00	35.22 -0.94 0.00	31.78 -0.78 0.00	38.84 -0.88 0.00	30.16 -0.66 0.00	31.49 -0.91 0.00	28.75 -0.74 0.00	29.23 -0.75 0.00	22.37 -0.44 0.00	25.30 -0.60 0.00	33.93 -1.08 0.00	51.08 -1.13 0.00	150.58 -1.81 0.00	45.78 -0.40 0.00	42.00 0.24 0.00	41.50 0.52 0.00
HOWARD_WT_PWR 323690	62.16 -1.08 0.00	44.71 -1.03 0.00	32.46 -0.64 0.00	37.89 -0.63 0.00	38.27 -0.53 0.00	44.81 -0.85 0.00	49.99 -0.80 0.00	51.78 -1.31 0.00	43.04 -1.74 0.00	34.00 -2.16 0.00	30.23 -2.34 0.00	36.85 -2.88 0.00	28.74 -2.08 0.00	30.28 -2.12 0.00	27.69 -1.80 0.00	28.12 -1.86 0.00	21.52 -1.29 0.00	24.49 -1.41 0.00	33.40 -1.61 0.00	50.77 -1.44 0.00	149.91 -2.48 0.00	45.73 -0.45 0.00	42.09 0.34 0.00	41.54 0.56 0.00

HQ_GEN_CEDARS 23644	64.79 1.55 0.00	46.88 1.14 0.00	33.87 0.77 0.00	39.35 0.83 0.00	39.68 0.88 0.00	46.68 1.02 0.00	51.42 0.63 0.00	54.11 1.02 0.00	45.56 0.79 0.00	36.75 0.59 0.00	32.85 0.28 0.00	39.93 0.22 0.00	30.92 0.10 0.00	32.43 0.03 0.00	29.44 -0.05 0.00	29.97 -0.02 0.00	22.90 0.09 0.00	26.10 0.20 0.00	35.31 0.31 0.00	52.84 0.63 0.00	154.42 2.03 0.00	46.75 0.57 0.00	42.28 0.53 0.00	41.50 0.52 0.00
HQ_GEN_CEDARS_PROXY 323590	64.79 1.55 0.00	46.88 1.14 0.00	33.87 0.77 0.00	39.35 0.83 0.00	39.68 0.88 0.00	46.68 1.02 0.00	51.43 0.63 0.00	54.11 1.02 0.00	45.56 0.79 0.00	36.75 0.59 0.00	32.85 0.28 0.00	39.94 0.22 0.00	30.92 0.10 0.00	32.43 0.03 0.00	29.44 -0.05 0.00	29.97 -0.02 0.00	22.90 0.09 0.00	26.10 0.20 0.00	35.31 0.30 0.00	52.84 0.63 0.00	154.41 2.03 0.00	46.75 0.57 0.00	42.28 0.53 0.00	41.50 0.52 0.00
HQ_GEN_IMPORT 323601	63.80 0.56 0.00	46.17 0.43 0.00	33.39 0.29 0.00	38.82 0.30 0.00	39.13 0.33 0.00	46.02 0.36 0.00	51.10 0.30 0.00	53.41 0.32 0.00	45.04 0.26 0.00	36.36 0.20 0.00	32.62 0.06 0.00	39.75 0.03 0.00	30.81 -0.01 0.00	32.35 -0.05 0.00	29.40 -0.09 0.00	29.91 -0.07 0.00	22.80 -0.01 0.00	25.94 0.04 0.00	35.05 0.05 0.00	52.34 0.14 0.00	152.87 0.49 0.00	46.32 0.13 0.00	41.88 0.12 0.00	41.10 0.12 0.00
HQ_GEN_WHEEL 23651	63.80 0.56 0.00	46.17 0.43 0.00	33.39 0.29 0.00	38.82 0.30 0.00	39.13 0.33 0.00	46.02 0.36 0.00	51.10 0.30 0.00	53.41 0.32 0.00	45.04 0.26 0.00	36.36 0.20 0.00	32.62 0.06 0.00	39.75 0.03 0.00	30.81 -0.01 0.00	32.35 -0.05 0.00	29.40 -0.09 0.00	29.91 -0.07 0.00	22.80 -0.01 0.00	25.94 0.04 0.00	35.05 0.05 0.00	52.34 0.14 0.00	152.87 0.49 0.00	46.32 0.13 0.00	41.88 0.12 0.00	41.10 0.12 0.00
HUDSON_AVE_GT_3 23810	65.97 2.73 0.00	47.55 1.80 0.00	34.45 1.35 0.00	40.14 1.62 0.00	40.34 1.54 0.00	47.71 2.05 0.00	53.14 2.34 0.00	55.70 2.61 0.00	47.17 2.39 0.00	38.39 2.06 -0.17	34.68 2.10 0.00	42.36 2.64 0.00	35.81 2.17 -2.83	37.01 2.30 -2.31	34.74 2.15 -3.11	33.73 2.14 -1.61	43.34 1.64 -18.89	41.75 1.68 -14.16	37.94 2.15 -0.80	55.23 3.02 0.00	160.77 8.39 0.00	48.90 2.69 -0.03	44.04 2.28 -0.01	43.22 2.23 -0.01
HUDSON_AVE_GT_4 23540	65.97 2.73 0.00	47.55 1.80 0.00	34.45 1.35 0.00	40.14 1.62 0.00	40.34 1.54 0.00	47.71 2.05 0.00	53.14 2.34 0.00	55.70 2.61 0.00	47.17 2.39 0.00	38.39 2.06 -0.17	34.68 2.10 0.00	42.36 2.64 0.00	35.81 2.17 -2.83	37.01 2.30 -2.31	34.74 2.15 -3.11	33.73 2.14 -1.61	43.34 1.64 -18.89	41.75 1.68 -14.16	37.94 2.15 -0.80	55.23 3.02 0.00	160.77 8.39 0.00	48.90 2.69 -0.03	44.04 2.28 -0.01	43.22 2.23 -0.01
HUDSON_AVE_GT_5 23657	65.97 2.73 0.00	47.55 1.80 0.00	34.45 1.35 0.00	40.14 1.62 0.00	40.34 1.54 0.00	47.71 2.05 0.00	53.14 2.34 0.00	55.70 2.61 0.00	47.17 2.39 0.00	38.39 2.06 -0.17	34.68 2.10 0.00	42.36 2.64 0.00	35.81 2.17 -2.83	37.01 2.30 -2.31	34.74 2.15 -3.11	33.73 2.14 -1.61	43.34 1.64 -18.89	41.75 1.68 -14.16	37.94 2.15 -0.80	55.23 3.02 0.00	160.77 8.39 0.00	48.90 2.69 -0.03	44.04 2.28 -0.01	43.22 2.23 -0.01
HUDSON_AVE_10 24168	65.74 2.50 0.00	47.31 1.56 0.00	34.25 1.15 0.00	39.91 1.39 0.00	40.11 1.31 0.00	47.45 1.79 0.00	52.92 2.12 0.00	55.54 2.41 -0.04	47.01 2.23 0.00	38.27 1.93 -0.17	34.54 1.97 0.00	42.20 2.48 0.00	35.69 2.04 -2.83	36.87 2.16 -2.31	34.62 2.03 -3.11	33.61 2.02 -1.61	43.25 1.55 -18.89	41.66 1.60 -14.16	37.79 2.00 -0.80	55.02 2.81 0.00	160.84 7.71 -0.75	48.73 2.52 -0.03	43.89 2.13 -0.01	43.06 2.07 -0.01
HUDSON___115KV_TB 4 355613	64.65 1.41 0.00	46.82 1.08 0.00	33.94 0.84 0.00	39.50 0.98 0.00	39.78 0.97 0.00	46.72 1.06 0.00	52.08 1.28 0.00	54.47 1.38 0.00	46.10 1.33 0.00	37.36 1.19 0.00	33.73 1.16 0.00	41.20 1.48 0.00	31.98 1.16 0.00	33.70 1.29 0.00	30.64 1.15 0.00	31.09 1.11 0.00	23.63 0.83 0.00	26.67 0.78 0.00	36.13 1.13 0.00	53.93 1.72 0.00	157.15 4.77 0.00	47.52 1.33 0.00	42.93 1.18 0.00	42.03 1.05 0.00
HUNTER MOUNT___DRP 323613	64.98 1.74 0.00	47.06 1.31 0.00	34.11 1.00 0.00	39.69 1.17 0.00	39.97 1.16 0.00	46.95 1.29 0.00	52.34 1.54 0.00	54.74 1.65 0.00	46.34 1.57 0.00	37.55 1.39 0.00	33.85 1.28 0.00	41.35 1.63 0.00	32.10 1.29 0.00	33.81 1.41 0.00	30.74 1.25 0.00	31.20 1.22 0.00	23.71 0.91 0.00	26.79 0.89 0.00	36.29 1.29 0.00	54.21 2.00 0.00	158.04 5.65 0.00	47.76 1.58 0.00	43.15 1.39 0.00	42.22 1.24 0.00
HUNTINGTON_RES_REC 323705	64.28 1.04 0.00	46.35 0.61 0.00	33.68 0.58 0.00	39.32 0.80 0.00	39.30 0.50 0.00	46.49 0.83 0.00	51.45 0.65 0.00	53.90 0.86 0.05	45.81 1.03 0.00	37.35 1.19 0.01	34.30 1.74 0.00	41.62 1.90 0.00	32.09 1.47 0.20	33.86 1.62 0.16	30.90 1.63 0.22	31.37 1.50 0.11	23.24 1.36 0.93	26.53 1.25 0.62	36.45 1.49 0.03	54.37 2.17 0.00	156.69 5.32 1.02	48.09 1.91 0.00	42.96 1.20 0.00	42.09 1.11 0.00
HUNTLEY___63 23557	59.95 -3.29 0.00	43.16 -2.58 0.00	31.25 -1.85 0.00	36.37 -2.16 0.00	36.80 -2.00 0.00	43.19 -2.47 0.00	48.23 -2.56 0.00	49.71 -3.39 0.00	41.59 -3.19 0.00	33.15 -3.02 0.00	29.52 -3.04 0.00	36.07 -3.65 0.00	28.03 -2.78 0.00	29.27 -3.14 0.00	26.67 -2.82 0.00	27.27 -2.71 0.00	20.97 -1.83 0.00	23.54 -2.35 0.00	31.53 -3.47 0.00	47.33 -4.88 0.00	139.17 -13.22 0.00	42.72 -3.47 0.00	39.70 -2.05 0.00	39.04 -1.94 0.00
HUNTLEY___64 23558	59.95 -3.29 0.00	43.16 -2.58 0.00	31.25 -1.85 0.00	36.37 -2.16 0.00	36.80 -2.00 0.00	43.19 -2.47 0.00	48.23 -2.56 0.00	49.71 -3.39 0.00	41.59 -3.19 0.00	33.15 -3.02 0.00	29.52 -3.04 0.00	36.07 -3.65 0.00	28.03 -2.78 0.00	29.27 -3.14 0.00	26.67 -2.82 0.00	27.27 -2.71 0.00	20.97 -1.83 0.00	23.54 -2.35 0.00	31.53 -3.47 0.00	47.33 -4.88 0.00	139.17 -13.22 0.00	42.72 -3.47 0.00	39.70 -2.05 0.00	39.04 -1.94 0.00
HUNTLEY___65 23559	59.95 -3.29 0.00	43.16 -2.58 0.00	31.25 -1.85 0.00	36.37 -2.16 0.00	36.80 -2.00 0.00	43.19 -2.47 0.00	48.23 -2.56 0.00	49.71 -3.39 0.00	41.59 -3.19 0.00	33.15 -3.02 0.00	29.52 -3.04 0.00	36.07 -3.65 0.00	28.03 -2.78 0.00	29.27 -3.14 0.00	26.67 -2.82 0.00	27.27 -2.71 0.00	20.97 -1.83 0.00	23.54 -2.35 0.00	31.53 -3.47 0.00	47.33 -4.88 0.00	139.17 -13.22 0.00	42.72 -3.47 0.00	39.70 -2.05 0.00	39.04 -1.94 0.00
HUNTLEY___66 23560	59.95 -3.29 0.00	43.16 -2.58 0.00	31.25 -1.85 0.00	36.37 -2.16 0.00	36.80 -2.00 0.00	43.19 -2.47 0.00	48.23 -2.56 0.00	49.71 -3.39 0.00	41.59 -3.19 0.00	33.15 -3.02 0.00	29.52 -3.04 0.00	36.07 -3.65 0.00	28.03 -2.78 0.00	29.27 -3.14 0.00	26.67 -2.82 0.00	27.27 -2.71 0.00	20.97 -1.83 0.00	23.54 -2.35 0.00	31.53 -3.47 0.00	47.33 -4.88 0.00	139.17 -13.22 0.00	42.72 -3.47 0.00	39.70 -2.05 0.00	39.04 -1.94 0.00



HUNTLEY___67 23561	59.81 -3.43 0.00	43.07 -2.67 0.00	31.19 -1.91 0.00	36.30 -2.22 0.00	36.72 -2.08 0.00	43.09 -2.57 0.00	48.12 -2.68 0.00	49.64 -3.45 0.00	41.57 -3.21 0.00	33.17 -3.00 0.00	29.58 -2.99 0.00	36.14 -3.58 0.00	28.08 -2.74 0.00	29.32 -3.09 0.00	26.72 -2.76 0.00	27.31 -2.67 0.00	20.99 -1.82 0.00	23.59 -2.30 0.00	31.57 -3.43 0.00	47.38 -4.83 0.00	139.34 -13.04 0.00	42.73 -3.45 0.00	39.65 -2.11 0.00	39.00 -1.98 0.00
HUNTLEY___68 23562	59.81 -3.43 0.00	43.07 -2.67 0.00	31.19 -1.91 0.00	36.30 -2.22 0.00	36.72 -2.08 0.00	43.09 -2.57 0.00	48.12 -2.68 0.00	49.64 -3.45 0.00	41.57 -3.21 0.00	33.17 -3.00 0.00	29.58 -2.99 0.00	36.14 -3.58 0.00	28.08 -2.74 0.00	29.32 -3.09 0.00	26.72 -2.76 0.00	27.31 -2.67 0.00	20.99 -1.82 0.00	23.59 -2.30 0.00	31.57 -3.43 0.00	47.38 -4.83 0.00	139.34 -13.04 0.00	42.73 -3.45 0.00	39.65 -2.11 0.00	39.00 -1.98 0.00
HYLAND___LFGE 323620	64.16 0.92 0.00	46.12 0.38 0.00	33.39 0.29 0.00	38.92 0.40 0.00	39.32 0.52 0.00	46.20 0.54 0.00	51.64 0.85 0.00	53.47 0.38 0.00	44.42 -0.36 0.00	34.44 -1.73 0.00	30.72 -1.85 0.00	37.47 -2.25 0.00	29.14 -1.68 0.00	30.49 -1.91 0.00	27.79 -1.69 0.00	28.29 -1.70 0.00	21.68 -1.13 0.00	24.65 -1.24 0.00	33.48 -1.52 0.00	51.67 -0.53 0.00	153.51 1.12 0.00	46.86 0.68 0.00	42.90 1.15 0.00	42.10 1.12 0.00
INDECK___CORINTH 23802	66.07 2.83 0.00	47.72 1.98 0.00	34.40 1.30 0.00	40.13 1.61 0.00	40.45 1.66 0.00	47.57 1.91 0.00	53.07 2.28 0.00	55.42 2.33 0.00	46.95 2.17 0.00	38.04 1.88 0.00	34.28 1.71 0.00	41.86 2.13 0.00	32.38 1.57 0.00	34.03 1.63 0.00	30.94 1.45 0.00	31.44 1.46 0.00	23.79 0.99 0.00	27.07 1.17 0.00	36.66 1.66 0.00	54.65 2.44 0.00	159.56 7.18 0.00	48.29 2.10 0.00	43.60 1.85 0.00	42.81 1.83 0.00
INDECK___ILION 23567	62.36 -0.88 0.00	45.10 -0.65 0.00	32.70 -0.40 0.00	38.01 -0.51 0.00	38.16 -0.64 0.00	44.80 -0.86 0.00	49.96 -0.83 0.00	52.50 -0.58 0.00	44.50 -0.27 0.00	36.06 -0.11 0.00	32.73 0.16 0.00	39.89 0.17 0.00	30.60 -0.22 0.00	32.34 -0.06 0.00	29.24 -0.25 0.00	29.50 -0.49 0.00	22.04 -0.77 0.00	25.17 -0.73 0.00	34.78 -0.22 0.00	52.31 0.10 0.00	152.83 0.44 0.00	46.08 -0.11 0.00	41.50 -0.26 0.00	40.44 -0.54 0.00
INDECK___OLEAN 23982	63.10 -0.14 0.00	45.39 -0.35 0.00	32.92 -0.18 0.00	38.46 -0.06 0.00	38.76 -0.04 0.00	45.35 -0.31 0.00	50.66 -0.14 0.00	52.63 -0.46 0.00	44.01 -0.76 0.00	35.22 -0.95 0.00	31.78 -0.78 0.00	38.84 -0.88 0.00	30.16 -0.66 0.00	31.49 -0.91 0.00	28.75 -0.74 0.00	29.23 -0.76 0.00	22.37 -0.43 0.00	25.31 -0.59 0.00	33.93 -1.07 0.00	51.08 -1.13 0.00	150.63 -1.75 0.00	45.78 -0.41 0.00	42.01 0.26 0.00	41.50 0.52 0.00
INDECK___OSWEGO 23783	61.83 -1.40 0.00	44.65 -1.10 0.00	32.29 -0.81 0.00	37.59 -0.93 0.00	37.86 -0.94 0.00	44.58 -1.08 0.00	49.68 -1.11 0.00	51.88 -1.21 0.00	43.62 -1.16 0.00	35.13 -1.04 0.00	31.60 -0.96 0.00	38.51 -1.21 0.00	29.86 -0.95 0.00	31.37 -1.03 0.00	28.55 -0.94 0.00	29.02 -0.96 0.00	22.10 -0.71 0.00	25.14 -0.76 0.00	34.05 -0.95 0.00	50.93 -1.28 0.00	148.82 -3.56 0.00	45.09 -1.09 0.00	40.81 -0.95 0.00	40.04 -0.94 0.00
INDECK___YERKES 23781	60.01 -3.23 0.00	43.20 -2.54 0.00	31.27 -1.83 0.00	36.40 -2.13 0.00	36.82 -1.98 0.00	43.23 -2.43 0.00	48.28 -2.52 0.00	49.75 -3.35 0.00	41.60 -3.18 0.00	33.16 -3.00 0.00	29.55 -3.02 0.00	36.10 -3.62 0.00	28.06 -2.75 0.00	29.30 -3.11 0.00	26.70 -2.79 0.00	27.29 -2.70 0.00	21.00 -1.81 0.00	23.59 -2.31 0.00	31.56 -3.44 0.00	47.37 -4.83 0.00	139.35 -13.03 0.00	42.73 -3.45 0.00	39.73 -2.02 0.00	39.08 -1.90 0.00
INDIAN POINT_GT_1 24139	65.31 2.06 0.00	47.13 1.39 0.00	34.12 1.02 0.00	39.73 1.21 0.00	39.94 1.14 0.00	47.19 1.53 0.00	52.55 1.76 0.00	55.09 2.00 0.00	46.62 1.85 0.00	37.75 1.58 0.00	34.22 1.65 0.00	41.85 2.12 0.00	32.65 1.75 -0.08	34.35 1.87 -0.07	31.33 1.75 -0.09	31.77 1.74 -0.05	24.28 1.35 -0.12	27.25 1.36 0.00	36.72 1.72 0.00	54.63 2.42 0.00	159.06 6.67 0.00	48.27 2.09 0.00	43.51 1.75 0.00	42.66 1.68 0.00
INDIAN POINT_GT_2 23659	65.31 2.06 0.00	47.13 1.39 0.00	34.12 1.02 0.00	39.73 1.21 0.00	39.94 1.14 0.00	47.19 1.53 0.00	52.55 1.76 0.00	55.09 2.00 0.00	46.62 1.85 0.00	37.75 1.58 0.00	34.22 1.65 0.00	41.85 2.12 0.00	32.65 1.75 -0.08	34.35 1.87 -0.07	31.33 1.75 -0.09	31.77 1.74 -0.05	24.28 1.35 -0.12	27.25 1.36 0.00	36.72 1.72 0.00	54.63 2.42 0.00	159.06 6.67 0.00	48.27 2.09 0.00	43.51 1.75 0.00	42.66 1.68 0.00
INDIAN POINT_GT_3 24019	65.31 2.06 0.00	47.13 1.39 0.00	34.12 1.02 0.00	39.73 1.21 0.00	39.94 1.14 0.00	47.19 1.53 0.00	52.55 1.76 0.00	55.09 2.00 0.00	46.62 1.85 0.00	37.75 1.58 0.00	34.22 1.65 0.00	41.85 2.12 0.00	32.65 1.75 -0.08	34.35 1.87 -0.07	31.33 1.75 -0.09	31.77 1.74 -0.05	24.28 1.35 -0.12	27.25 1.36 0.00	36.72 1.72 0.00	54.63 2.42 0.00	159.06 6.67 0.00	48.27 2.09 0.00	43.51 1.75 0.00	42.66 1.68 0.00
INDIAN POINT___2 23530	65.53 2.29 0.00	47.27 1.53 0.00	34.23 1.13 0.00	39.86 1.34 0.00	40.06 1.25 0.00	47.34 1.68 0.00	52.70 1.90 0.00	55.24 2.15 0.00	46.77 1.99 0.00	37.89 1.72 -0.01	34.36 1.79 0.00	42.01 2.29 0.00	32.81 1.87 -0.13	34.51 2.01 -0.10	31.50 1.88 -0.14	31.92 1.86 -0.07	24.84 1.44 -0.60	27.74 1.45 -0.39	36.86 1.83 -0.02	54.80 2.59 0.00	159.52 7.14 0.00	48.44 2.26 0.00	43.66 1.90 0.00	42.82 1.84 0.00
INDIAN POINT___3 23531	65.09 1.85 0.00	46.97 1.23 0.00	34.00 0.90 0.00	39.60 1.08 0.00	39.81 1.01 0.00	47.06 1.40 0.00	52.43 1.63 0.00	54.95 1.86 0.00	46.48 1.71 0.00	37.62 1.45 0.00	34.09 1.52 0.00	41.70 1.98 0.00	32.53 1.64 -0.08	34.22 1.76 -0.06	31.21 1.65 -0.08	31.65 1.63 -0.04	24.17 1.26 -0.11	27.15 1.26 0.00	36.58 1.58 0.00	54.44 2.23 0.00	158.50 6.12 0.00	48.08 1.90 0.00	43.34 1.58 0.00	42.51 1.53 0.00
INGHAM_C_115KV_TB7 356103	61.95 -1.29 0.00	44.81 -0.94 0.00	32.50 -0.60 0.00	37.79 -0.73 0.00	37.93 -0.87 0.00	44.54 -1.13 0.00	49.68 -1.12 0.00	52.19 -0.90 0.00	44.25 -0.52 0.00	35.87 -0.29 0.00	32.60 0.03 0.00	39.73 0.01 0.00	30.49 -0.32 0.00	32.24 -0.16 0.00	29.15 -0.34 0.00	29.37 -0.61 0.00	21.90 -0.90 0.00	25.04 -0.86 0.00	34.62 -0.38 0.00	52.05 -0.16 0.00	152.11 -0.27 0.00	45.86 -0.32 0.00	41.32 -0.44 0.00	40.27 -0.72 0.00
IP CORINTH___1 23988	66.06 2.82 0.00	47.72 1.98 0.00	34.40 1.30 0.00	40.13 1.61 0.00	40.46 1.66 0.00	47.57 1.91 0.00	53.07 2.28 0.00	55.42 2.33 0.00	46.95 2.17 0.00	38.04 1.88 0.00	34.28 1.71 0.00	41.86 2.14 0.00	32.38 1.57 0.00	34.03 1.63 0.00	30.94 1.45 0.00	31.44 1.46 0.00	23.79 0.98 0.00	27.07 1.17 0.00	36.66 1.66 0.00	54.65 2.44 0.00	159.56 7.18 0.00	48.28 2.10 0.00	43.61 1.85 0.00	42.81 1.83 0.00

IP___TICONDEROGA 23804	68.74 5.50 0.00	49.46 3.72 0.00	35.64 2.54 0.00	41.61 3.09 0.00	42.05 3.25 0.00	49.39 3.73 0.00	55.18 4.38 0.00	57.38 4.28 0.00	48.82 4.04 0.00	39.52 3.35 0.00	35.39 2.82 0.00	43.14 3.42 0.00	33.24 2.43 0.00	34.87 2.46 0.00	31.67 2.19 0.00	32.15 2.17 0.00	24.45 1.65 0.00	27.70 1.80 0.00	37.19 2.19 0.00	55.60 3.39 0.00	163.14 10.75 0.00	49.64 3.45 0.00	44.95 3.20 0.00	43.92 2.94 0.00
ISLIP_RES_REC 323679	65.13 1.89 0.00	46.92 1.18 0.00	34.11 1.01 0.00	39.79 1.27 0.00	39.77 0.97 0.00	47.05 1.39 0.00	52.09 1.30 0.00	54.62 1.58 0.05	46.42 1.64 0.00	37.85 1.69 0.01	34.68 2.12 0.00	41.98 2.26 0.00	32.36 1.74 0.20	34.15 1.91 0.16	31.19 1.92 0.22	31.69 1.82 0.11	23.54 1.67 0.93	26.90 1.62 0.62	36.95 1.99 0.03	55.20 2.99 0.00	159.14 7.78 1.01	48.90 2.72 0.00	43.65 1.90 0.00	42.81 1.83 0.00
JAMAICA__27_KV_LOAD 355505	65.85 2.61 0.00	47.08 1.34 0.00	34.04 0.95 0.00	39.66 1.14 0.00	39.88 1.09 0.00	47.18 1.52 0.00	52.87 2.08 0.00	55.58 2.44 -0.04	47.04 2.26 0.00	38.31 1.97 -0.17	34.50 1.93 0.00	42.16 2.44 0.00	35.69 2.04 -2.83	36.82 2.11 -2.31	34.59 2.00 -3.11	33.60 2.01 -1.61	43.20 1.50 -18.89	41.61 1.55 -14.16	37.65 1.85 -0.80	54.84 2.64 0.00	160.14 6.99 -0.77	48.62 2.40 -0.03	43.80 2.03 -0.01	42.93 1.93 -0.01
JANIS___SOLAR 323808	65.39 2.15 0.00	47.16 1.42 0.00	34.10 1.00 0.00	39.57 1.06 0.00	39.79 1.00 0.00	46.64 0.98 0.00	52.10 1.30 0.00	54.36 1.27 0.00	45.57 0.79 0.00	36.47 0.30 0.00	32.66 0.10 0.00	39.57 -0.15 0.00	30.66 -0.15 0.00	32.05 -0.36 0.00	29.11 -0.38 0.00	29.64 -0.35 0.00	22.52 -0.28 0.00	25.67 -0.23 0.00	35.20 0.19 0.00	53.65 1.45 0.00	158.19 5.80 0.00	47.94 1.75 0.00	43.36 1.61 0.00	42.62 1.64 0.00
JARVIS____ 23743	63.18 -0.06 0.00	45.70 -0.05 0.00	33.07 -0.03 0.00	38.48 -0.04 0.00	38.76 -0.04 0.00	45.61 -0.05 0.00	50.78 -0.02 0.00	53.08 -0.01 0.00	44.82 0.04 0.00	36.22 0.06 0.00	32.66 0.09 0.00	39.84 0.12 0.00	30.90 0.08 0.00	32.51 0.10 0.00	29.57 0.09 0.00	30.07 0.08 0.00	22.84 0.03 0.00	25.93 0.03 0.00	35.08 0.08 0.00	52.31 0.10 0.00	152.60 0.21 0.00	46.23 0.04 0.00	41.76 0.00 0.00	40.97 -0.01 0.00
JENNISON___1 23625	65.05 1.81 0.00	46.94 1.20 0.00	33.86 0.77 0.00	39.13 0.60 0.00	39.23 0.43 0.00	45.84 0.18 0.00	51.17 0.37 0.00	53.41 0.32 0.00	45.06 0.29 0.00	36.53 0.36 0.00	32.84 0.27 0.00	39.67 -0.05 0.00	30.73 -0.08 0.00	32.22 -0.18 0.00	29.33 -0.15 0.00	29.79 -0.20 0.00	22.65 -0.16 0.00	25.74 -0.15 0.00	35.10 0.10 0.00	53.21 1.01 0.00	156.70 4.32 0.00	47.55 1.36 0.00	43.00 1.24 0.00	42.36 1.38 0.00
JENNISON___2 23626	65.05 1.81 0.00	46.94 1.20 0.00	33.86 0.77 0.00	39.13 0.60 0.00	39.23 0.43 0.00	45.84 0.18 0.00	51.17 0.37 0.00	53.41 0.32 0.00	45.06 0.29 0.00	36.53 0.36 0.00	32.84 0.27 0.00	39.67 -0.05 0.00	30.73 -0.08 0.00	32.22 -0.18 0.00	29.33 -0.15 0.00	29.79 -0.20 0.00	22.65 -0.16 0.00	25.74 -0.15 0.00	35.10 0.10 0.00	53.21 1.01 0.00	156.70 4.32 0.00	47.55 1.36 0.00	43.00 1.24 0.00	42.36 1.38 0.00
JERICHO_RISE_WT_PWR 323719	64.93 1.69 0.00	47.07 1.32 0.00	34.03 0.93 0.00	39.46 0.94 0.00	39.79 0.99 0.00	46.83 1.17 0.00	51.93 1.13 0.00	54.25 1.15 0.00	45.82 1.04 0.00	36.95 0.78 0.00	33.00 0.44 0.00	40.07 0.35 0.00	30.93 0.11 0.00	32.42 0.01 0.00	29.33 -0.15 0.00	29.78 -0.20 0.00	22.79 -0.01 0.00	26.03 0.13 0.00	35.34 0.33 0.00	52.95 0.75 0.00	154.90 2.52 0.00	46.66 0.48 0.00	41.81 0.05 0.00	40.87 -0.11 0.00
KATONAH___115KV_46KV_TB4 355592	65.61 2.38 0.00	47.34 1.60 0.00	34.28 1.18 0.00	39.91 1.39 0.00	40.12 1.32 0.00	47.40 1.73 0.00	52.80 2.00 0.00	55.34 2.25 0.00	46.84 2.07 0.00	37.94 1.77 0.00	34.39 1.82 0.00	42.05 2.33 0.00	32.71 1.89 0.00	34.43 2.03 0.00	31.38 1.90 0.00	31.87 1.89 0.00	24.25 1.45 0.00	27.38 1.48 0.00	36.88 1.88 0.00	54.87 2.66 0.00	159.79 7.41 0.00	48.47 2.29 0.00	43.68 1.92 0.00	42.83 1.85 0.00
KCE_NY_1 323755	65.50 2.25 0.00	47.31 1.57 0.00	34.18 1.08 0.00	39.84 1.32 0.00	40.19 1.39 0.00	47.24 1.58 0.00	52.67 1.88 0.00	54.96 1.87 0.00	46.51 1.74 0.00	37.71 1.54 0.00	34.00 1.44 0.00	41.59 1.87 0.00	32.18 1.37 0.00	33.91 1.51 0.00	30.79 1.30 0.00	31.32 1.34 0.00	23.70 0.89 0.00	27.00 1.10 0.00	36.59 1.59 0.00	54.51 2.30 0.00	158.72 6.34 0.00	48.02 1.83 0.00	43.32 1.57 0.00	42.60 1.62 0.00
KCE_NY_6_ESR 323823	60.79 -2.45 0.00	43.77 -1.97 0.00	31.69 -1.41 0.00	36.89 -1.63 0.00	37.29 -1.51 0.00	43.78 -1.88 0.00	48.91 -1.88 0.00	50.54 -2.56 0.00	42.25 -2.53 0.00	33.65 -2.51 0.00	30.07 -2.50 0.00	36.72 -3.00 0.00	28.55 -2.26 0.00	29.82 -2.59 0.00	27.17 -2.31 0.00	27.75 -2.23 0.00	21.32 -1.49 0.00	24.02 -1.88 0.00	32.18 -2.82 0.00	48.39 -3.82 0.00	142.56 -9.82 0.00	43.67 -2.51 0.00	40.43 -1.33 0.00	39.79 -1.19 0.00
KEDC_PORT_JEFF_GT2 24210	64.82 1.58 0.00	46.73 0.99 0.00	33.96 0.86 0.00	39.63 1.11 0.00	39.61 0.81 0.00	46.86 1.20 0.00	51.87 1.07 0.00	54.37 1.33 0.05	46.22 1.44 0.00	37.67 1.52 0.01	34.53 1.97 0.00	41.85 2.13 0.00	32.27 1.65 0.20	34.07 1.83 0.16	31.12 1.85 0.22	31.60 1.73 0.11	23.46 1.59 0.93	26.80 1.52 0.62	36.80 1.84 0.03	54.95 2.74 0.00	158.38 7.02 1.03	48.66 2.48 0.00	43.45 1.70 0.00	42.62 1.64 0.00
KEDC_PORT_JEFF_GT3 24211	64.82 1.58 0.00	46.73 0.99 0.00	33.96 0.86 0.00	39.63 1.11 0.00	39.61 0.81 0.00	46.86 1.20 0.00	51.87 1.07 0.00	54.37 1.33 0.05	46.22 1.44 0.00	37.67 1.52 0.01	34.53 1.97 0.00	41.85 2.13 0.00	32.27 1.65 0.20	34.07 1.83 0.16	31.12 1.85 0.22	31.60 1.73 0.11	23.46 1.59 0.93	26.80 1.52 0.62	36.80 1.84 0.03	54.95 2.74 0.00	158.38 7.02 1.03	48.66 2.48 0.00	43.45 1.70 0.00	42.62 1.64 0.00
KEDC_GLWD_GT4 24219	65.51 2.27 0.00	47.24 1.50 0.00	34.26 1.16 0.00	39.89 1.37 0.00	40.01 1.20 0.00	47.31 1.65 0.00	52.55 1.75 0.00	55.09 2.00 0.00	46.70 1.92 0.00	37.89 1.74 0.01	34.52 1.96 0.00	42.10 2.38 0.00	32.55 1.93 0.20	34.33 2.09 0.16	31.27 2.00 0.22	31.82 1.95 0.11	23.44 1.56 0.93	26.85 1.56 0.62	36.77 1.81 0.03	54.76 2.56 0.00	159.14 6.75 0.00	48.42 2.24 0.00	43.64 1.88 0.00	42.80 1.82 0.00
KEDC_GLWD_GT5 24220	65.51 2.27 0.00	47.24 1.50 0.00	34.26 1.16 0.00	39.89 1.37 0.00	40.01 1.20 0.00	47.31 1.65 0.00	52.55 1.75 0.00	55.09 2.00 0.00	46.70 1.92 0.00	37.89 1.74 0.01	34.52 1.96 0.00	42.10 2.38 0.00	32.55 1.93 0.20	34.33 2.09 0.16	31.27 2.00 0.22	31.82 1.95 0.11	23.44 1.56 0.93	26.85 1.56 0.62	36.77 1.81 0.03	54.76 2.56 0.00	159.14 6.75 0.00	48.42 2.24 0.00	43.64 1.88 0.00	42.80 1.82 0.00

KENSICO____ 23655	65.47 2.23 0.00	47.24 1.49 0.00	34.20 1.10 0.00	39.83 1.30 0.00	40.02 1.22 0.00	47.31 1.64 0.00	52.66 1.86 0.00	55.20 2.11 0.00	46.73 1.95 0.00	37.85 1.68 -0.01	34.32 1.76 0.00	41.96 2.24 0.00	32.76 1.84 -0.11	34.46 1.97 -0.09	31.44 1.83 -0.12	31.87 1.82 -0.06	24.71 1.41 -0.50	27.65 1.42 -0.33	36.82 1.81 -0.02	54.75 2.54 0.00	159.36 6.98 0.00	48.39 2.20 0.00	43.60 1.84 0.00	42.77 1.79 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	66.03 2.79 0.00	47.65 1.90 0.00	34.48 1.38 0.00	40.15 1.63 0.00	40.38 1.57 0.00	47.71 2.05 0.00	53.17 2.37 0.00	55.72 2.63 0.00	47.04 2.27 0.00	37.97 1.81 0.00	34.35 1.78 0.00	41.99 2.28 0.00	32.63 1.82 0.00	34.33 1.93 0.00	31.26 1.77 0.00	31.85 1.87 0.00	24.23 1.43 0.00	27.34 1.44 0.00	36.95 1.94 0.00	55.13 2.92 0.00	160.70 8.31 0.00	48.72 2.54 0.00	43.88 2.13 0.00	43.01 2.03 0.00
KIAC_JFK_GT1 23816	65.19 1.95 0.00	46.62 0.88 0.00	33.72 0.62 0.00	39.29 0.77 0.00	39.51 0.71 0.00	46.72 1.06 0.00	52.35 1.56 0.00	55.05 1.91 -0.04	46.59 1.82 0.00	37.95 1.61 -0.17	34.20 1.62 0.00	41.79 2.07 0.00	35.50 1.85 -2.83	36.64 1.93 -2.31	34.43 1.84 -3.11	33.42 1.82 -1.61	42.99 1.29 -18.89	41.36 1.30 -14.16	37.32 1.53 -0.80	54.34 2.14 0.00	158.61 5.46 -0.77	48.15 1.94 -0.03	43.38 1.61 -0.01	42.53 1.54 -0.01
KIAC_JFK_GT2 23817	65.19 1.95 0.00	46.62 0.88 0.00	33.72 0.62 0.00	39.29 0.77 0.00	39.51 0.71 0.00	46.72 1.06 0.00	52.35 1.56 0.00	55.05 1.91 -0.04	46.59 1.82 0.00	37.95 1.61 -0.17	34.20 1.62 0.00	41.79 2.07 0.00	35.50 1.85 -2.83	36.64 1.93 -2.31	34.43 1.84 -3.11	33.42 1.82 -1.61	42.99 1.29 -18.89	41.36 1.30 -14.16	37.32 1.53 -0.80	54.34 2.14 0.00	158.61 5.46 -0.77	48.15 1.94 -0.03	43.38 1.61 -0.01	42.53 1.54 -0.01
KIAC_JFK____ 323774	65.20 1.96 0.00	46.62 0.88 0.00	33.72 0.62 0.00	39.29 0.77 0.00	39.50 0.70 0.00	46.72 1.06 0.00	52.36 1.56 0.00	55.08 1.94 -0.04	46.60 1.82 0.00	37.95 1.61 -0.17	34.19 1.62 0.00	41.79 2.07 0.00	35.50 1.85 -2.83	36.64 1.94 -2.31	34.43 1.84 -3.11	33.42 1.82 -1.61	42.98 1.29 -18.89	41.36 1.30 -14.16	37.32 1.53 -0.80	54.35 2.14 0.00	158.55 5.40 -0.77	48.16 1.95 -0.03	43.38 1.61 -0.01	42.53 1.53 -0.01
KINTIGH____ 23543	60.47 -2.77 0.00	43.60 -2.14 0.00	31.57 -1.53 0.00	36.76 -1.76 0.00	37.13 -1.67 0.00	43.58 -2.08 0.00	48.64 -2.15 0.00	50.33 -2.76 0.00	42.19 -2.59 0.00	33.78 -2.39 0.00	30.21 -2.36 0.00	36.84 -2.88 0.00	28.60 -2.22 0.00	29.91 -2.49 0.00	27.24 -2.24 0.00	27.81 -2.17 0.00	21.32 -1.48 0.00	24.06 -1.84 0.00	32.32 -2.68 0.00	48.43 -3.77 0.00	141.92 -10.46 0.00	43.36 -2.83 0.00	39.93 -1.83 0.00	39.26 -1.72 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	65.60 2.36 0.00	47.55 1.81 0.00	34.42 1.32 0.00	39.90 1.38 0.00	40.21 1.42 0.00	47.34 1.68 0.00	52.52 1.73 0.00	54.85 1.76 0.00	46.39 1.62 0.00	37.41 1.25 0.00	33.40 0.84 0.00	40.50 0.78 0.00	31.22 0.40 0.00	32.73 0.32 0.00	29.59 0.11 0.00	30.00 0.01 0.00	22.95 0.14 0.00	26.21 0.31 0.00	35.65 0.65 0.00	53.47 1.26 0.00	156.59 4.21 0.00	47.30 1.11 0.00	42.38 0.62 0.00	41.37 0.38 0.00
LACHUTE__HYDRO 323717	68.75 5.50 0.00	49.46 3.71 0.00	35.64 2.54 0.00	41.61 3.09 0.00	42.05 3.25 0.00	49.39 3.73 0.00	55.18 4.38 0.00	57.38 4.28 0.00	48.82 4.05 0.00	39.52 3.35 0.00	35.39 2.82 0.00	43.14 3.42 0.00	33.24 2.43 0.00	34.87 2.46 0.00	31.67 2.19 0.00	32.15 2.16 0.00	24.45 1.65 0.00	27.70 1.80 0.00	37.19 2.19 0.00	55.60 3.39 0.00	163.13 10.75 0.00	49.65 3.46 0.00	44.95 3.20 0.00	43.92 2.94 0.00
LAWRNCAL_115KV_TB1 80681	64.01 0.77 0.00	46.29 0.55 0.00	33.40 0.30 0.00	38.80 0.27 0.00	39.13 0.33 0.00	46.09 0.42 0.00	50.83 0.03 0.00	53.44 0.35 0.00	44.96 0.18 0.00	36.21 0.05 0.00	32.30 -0.26 0.00	39.21 -0.51 0.00	30.29 -0.53 0.00	31.75 -0.65 0.00	28.79 -0.69 0.00	29.29 -0.70 0.00	22.41 -0.39 0.00	25.62 -0.28 0.00	34.73 -0.27 0.00	52.13 -0.08 0.00	152.37 -0.02 0.00	46.07 -0.12 0.00	41.60 -0.16 0.00	40.80 -0.18 0.00
LEDERLE____ 23769	65.22 1.98 0.00	47.06 1.32 0.00	34.04 0.94 0.00	39.67 1.15 0.00	39.89 1.09 0.00	47.18 1.52 0.00	52.60 1.80 0.00	55.14 2.05 0.00	46.59 1.81 0.00	37.65 1.49 0.00	34.12 1.55 0.00	41.75 2.02 0.00	32.52 1.70 0.00	34.23 1.83 0.00	31.17 1.69 0.00	31.66 1.67 0.00	24.12 1.32 0.00	27.20 1.30 0.00	36.65 1.65 0.00	54.61 2.40 0.00	159.03 6.64 0.00	48.19 2.01 0.00	43.42 1.67 0.00	42.60 1.62 0.00
LIGHTHSE_115KV_TB6 355974	62.70 -0.54 0.00	45.17 -0.58 0.00	32.54 -0.56 0.00	37.89 -0.64 0.00	38.13 -0.67 0.00	45.07 -0.59 0.00	50.23 -0.57 0.00	52.48 -0.61 0.00	43.90 -0.88 0.00	35.19 -0.98 0.00	31.61 -0.96 0.00	38.41 -1.32 0.00	29.71 -1.11 0.00	31.18 -1.22 0.00	28.35 -1.14 0.00	28.80 -1.18 0.00	21.96 -0.84 0.00	25.08 -0.82 0.00	34.11 -0.89 0.00	51.32 -0.89 0.00	149.96 -2.42 0.00	45.36 -0.83 0.00	40.96 -0.79 0.00	40.15 -0.83 0.00
LINDEN COGEN____ 23786	65.51 2.27 0.00	47.22 1.48 0.00	34.21 1.11 0.00	39.86 1.34 0.00	40.07 1.26 0.00	47.43 1.76 0.00	52.80 2.01 0.00	55.38 2.29 0.00	46.88 2.10 0.00	38.13 1.80 -0.17	34.42 1.85 0.00	42.05 2.33 0.00	35.59 1.95 -2.83	36.78 2.07 -2.31	34.53 1.93 -3.11	33.52 1.93 -1.61	43.18 1.48 -18.89	41.55 1.49 -14.16	37.67 1.87 -0.80	54.83 2.62 0.00	159.59 7.20 0.00	48.56 2.34 -0.03	43.71 1.95 -0.01	42.92 1.92 -0.01
LINDHRST_69_KV_BK1 356055	65.32 2.08 0.00	47.10 1.36 0.00	34.20 1.10 0.00	39.85 1.34 0.00	39.86 1.06 0.00	47.15 1.49 0.00	52.23 1.43 0.00	54.73 1.67 0.04	46.50 1.73 0.00	37.86 1.70 0.01	34.69 2.12 0.00	42.11 2.39 0.00	32.53 1.91 0.20	34.26 2.02 0.16	31.29 2.02 0.22	31.82 1.95 0.11	23.55 1.68 0.93	26.92 1.64 0.62	36.95 1.98 0.03	55.12 2.92 0.00	159.27 7.68 0.79	48.78 2.60 0.00	43.61 1.86 0.00	42.77 1.79 0.00
LIPA_MISC_IPP 23656	64.74 1.50 0.00	46.65 0.91 0.00	33.92 0.82 0.00	39.57 1.05 0.00	39.55 0.75 0.00	46.79 1.13 0.00	51.80 1.00 0.00	54.31 1.27 0.05	46.17 1.39 0.00	37.63 1.47 0.01	34.45 1.89 0.00	41.71 1.99 0.00	32.17 1.55 0.20	33.99 1.75 0.16	31.10 1.84 0.22	31.59 1.72 0.11	23.47 1.60 0.93	26.83 1.54 0.62	36.85 1.89 0.03	55.03 2.82 0.00	158.76 7.41 1.03	48.76 2.57 0.00	43.53 1.78 0.00	42.70 1.72 0.00
LISF__SOLAR 323691	64.88 1.64 0.00	46.75 1.01 0.00	33.99 0.89 0.00	39.65 1.13 0.00	39.62 0.82 0.00	46.88 1.22 0.00	51.90 1.10 0.00	54.41 1.37 0.05	46.26 1.49 0.00	37.70 1.55 0.01	34.51 1.94 0.00	41.73 2.01 0.00	32.18 1.57 0.20	34.04 1.80 0.16	31.14 1.87 0.22	31.61 1.74 0.11	23.50 1.63 0.93	26.86 1.58 0.62	36.92 1.96 0.03	55.16 2.96 0.00	158.98 7.62 1.03	48.86 2.68 0.00	43.63 1.87 0.00	42.80 1.83 0.00

LITTLE FALLS___HYD 24013	61.95 -1.29 0.00	44.81 -0.94 0.00	32.50 -0.60 0.00	37.79 -0.73 0.00	37.93 -0.87 0.00	44.54 -1.13 0.00	49.68 -1.12 0.00	52.19 -0.90 0.00	44.25 -0.52 0.00	35.87 -0.29 0.00	32.60 0.03 0.00	39.73 0.01 0.00	30.49 -0.32 0.00	32.24 -0.16 0.00	29.15 -0.34 0.00	29.37 -0.61 0.00	21.90 -0.90 0.00	25.04 -0.86 0.00	34.62 -0.38 0.00	52.05 -0.16 0.00	152.11 -0.27 0.00	45.86 -0.32 0.00	41.32 -0.44 0.00	40.27 -0.72 0.00
LITTLRIV_115KV_TB1 356100	64.94 1.70 0.00	46.96 1.22 0.00	33.89 0.79 0.00	39.36 0.84 0.00	39.71 0.91 0.00	46.79 1.13 0.00	51.63 0.84 0.00	54.23 1.14 0.00	45.58 0.80 0.00	36.64 0.47 0.00	32.58 0.01 0.00	39.46 -0.26 0.00	30.43 -0.39 0.00	31.86 -0.54 0.00	28.89 -0.60 0.00	29.38 -0.61 0.00	22.51 -0.29 0.00	25.82 -0.07 0.00	35.08 0.08 0.00	52.87 0.67 0.00	154.83 2.45 0.00	46.80 0.62 0.00	42.25 0.49 0.00	41.42 0.43 0.00
LI_NEWBRDGE___DRP 323616	64.67 1.43 0.00	46.62 0.88 0.00	33.86 0.76 0.00	39.47 0.95 0.00	39.48 0.68 0.00	46.74 1.07 0.00	51.77 0.97 0.00	54.22 1.19 0.06	46.04 1.26 0.00	37.45 1.30 0.01	34.28 1.72 0.00	41.70 1.98 0.00	32.24 1.63 0.20	34.01 1.77 0.16	31.01 1.74 0.22	31.51 1.64 0.11	23.27 1.39 0.93	26.62 1.34 0.62	36.51 1.55 0.03	54.39 2.18 0.00	156.63 5.54 1.29	48.09 1.90 0.00	43.08 1.33 0.00	42.26 1.28 0.00
LOCKPORT_115KV_TB60_63_64 80432	59.54 -3.70 0.00	42.90 -2.85 0.00	31.05 -2.05 0.00	36.13 -2.39 0.00	36.57 -2.23 0.00	42.92 -2.74 0.00	47.96 -2.83 0.00	49.33 -3.77 0.00	41.18 -3.60 0.00	32.79 -3.37 0.00	29.20 -3.37 0.00	35.69 -4.03 0.00	27.76 -3.06 0.00	28.98 -3.42 0.00	26.41 -3.08 0.00	27.01 -2.98 0.00	20.76 -2.04 0.00	23.26 -2.63 0.00	31.15 -3.86 0.00	46.82 -5.38 0.00	137.68 -14.71 0.00	42.28 -3.91 0.00	39.33 -2.43 0.00	38.67 -2.31 0.00
LOCKPORT___CC1 323769	59.52 -3.72 0.00	42.88 -2.86 0.00	31.04 -2.06 0.00	36.12 -2.40 0.00	36.56 -2.24 0.00	42.91 -2.75 0.00	47.94 -2.86 0.00	49.33 -3.77 0.00	41.19 -3.59 0.00	32.83 -3.34 0.00	29.22 -3.34 0.00	35.72 -4.00 0.00	27.78 -3.04 0.00	29.00 -3.40 0.00	26.43 -3.06 0.00	27.03 -2.96 0.00	20.79 -2.02 0.00	23.31 -2.58 0.00	31.18 -3.82 0.00	46.85 -5.35 0.00	137.85 -14.53 0.00	42.28 -3.90 0.00	39.34 -2.42 0.00	38.69 -2.29 0.00
LOCKPORT___CC2 323770	59.52 -3.72 0.00	42.88 -2.86 0.00	31.04 -2.06 0.00	36.12 -2.40 0.00	36.56 -2.24 0.00	42.91 -2.75 0.00	47.94 -2.86 0.00	49.33 -3.77 0.00	41.19 -3.59 0.00	32.83 -3.34 0.00	29.22 -3.34 0.00	35.72 -4.00 0.00	27.78 -3.04 0.00	29.00 -3.40 0.00	26.43 -3.06 0.00	27.03 -2.96 0.00	20.79 -2.02 0.00	23.31 -2.58 0.00	31.18 -3.82 0.00	46.85 -5.35 0.00	137.85 -14.53 0.00	42.28 -3.90 0.00	39.34 -2.42 0.00	38.69 -2.29 0.00
LOCKPORT___CC3 323771	59.52 -3.72 0.00	42.88 -2.86 0.00	31.04 -2.06 0.00	36.12 -2.40 0.00	36.56 -2.24 0.00	42.91 -2.75 0.00	47.94 -2.86 0.00	49.33 -3.77 0.00	41.19 -3.59 0.00	32.83 -3.34 0.00	29.22 -3.34 0.00	35.72 -4.00 0.00	27.78 -3.04 0.00	29.00 -3.40 0.00	26.43 -3.06 0.00	27.03 -2.96 0.00	20.79 -2.02 0.00	23.31 -2.58 0.00	31.18 -3.82 0.00	46.85 -5.35 0.00	137.85 -14.53 0.00	42.28 -3.90 0.00	39.34 -2.42 0.00	38.69 -2.29 0.00
LONG_LAKE_PHOENIX 24014	61.91 -1.33 0.00	44.70 -1.04 0.00	32.34 -0.76 0.00	37.67 -0.85 0.00	37.94 -0.86 0.00	44.67 -0.99 0.00	49.77 -1.03 0.00	51.95 -1.14 0.00	43.68 -1.10 0.00	35.16 -1.01 0.00	31.62 -0.94 0.00	38.54 -1.18 0.00	29.90 -0.91 0.00	31.40 -1.00 0.00	28.58 -0.91 0.00	29.05 -0.94 0.00	22.12 -0.69 0.00	25.17 -0.73 0.00	34.11 -0.89 0.00	51.06 -1.15 0.00	149.22 -3.16 0.00	45.23 -0.96 0.00	40.93 -0.83 0.00	40.16 -0.82 0.00
LOVETT___3 23632	64.93 1.69 0.00	46.87 1.13 0.00	33.92 0.82 0.00	39.52 1.00 0.00	39.73 0.93 0.00	46.98 1.32 0.00	52.35 1.55 0.00	54.88 1.79 0.00	46.40 1.62 0.00	37.52 1.36 0.00	34.01 1.45 0.00	41.60 1.88 0.00	32.40 1.58 0.00	34.09 1.69 0.00	31.05 1.57 0.00	31.53 1.55 0.00	24.01 1.21 0.00	27.09 1.19 0.00	36.49 1.49 0.00	54.33 2.12 0.00	158.14 5.75 0.00	47.97 1.78 0.00	43.23 1.48 0.00	42.43 1.45 0.00
LOVETT___4 23642	64.93 1.69 0.00	46.87 1.13 0.00	33.92 0.82 0.00	39.52 1.00 0.00	39.73 0.93 0.00	46.98 1.32 0.00	52.35 1.55 0.00	54.88 1.79 0.00	46.40 1.62 0.00	37.52 1.36 0.00	34.01 1.45 0.00	41.60 1.88 0.00	32.40 1.58 0.00	34.09 1.69 0.00	31.05 1.57 0.00	31.53 1.55 0.00	24.01 1.21 0.00	27.09 1.19 0.00	36.49 1.49 0.00	54.33 2.12 0.00	158.14 5.75 0.00	47.97 1.78 0.00	43.23 1.48 0.00	42.43 1.45 0.00
LOVETT___5 23593	64.93 1.69 0.00	46.87 1.13 0.00	33.92 0.82 0.00	39.52 1.00 0.00	39.73 0.93 0.00	46.98 1.32 0.00	52.35 1.55 0.00	54.88 1.79 0.00	46.40 1.62 0.00	37.52 1.36 0.00	34.01 1.45 0.00	41.60 1.88 0.00	32.40 1.58 0.00	34.09 1.69 0.00	31.05 1.57 0.00	31.53 1.55 0.00	24.01 1.21 0.00	27.09 1.19 0.00	36.49 1.49 0.00	54.33 2.12 0.00	158.14 5.75 0.00	47.97 1.78 0.00	43.23 1.48 0.00	42.43 1.45 0.00
LOWER RAQUET___HYD 24057	63.74 0.50 0.00	46.08 0.34 0.00	33.24 0.14 0.00	38.62 0.11 0.00	38.96 0.16 0.00	45.89 0.23 0.00	50.64 -0.15 0.00	53.23 0.14 0.00	44.77 0.00 0.00	36.04 -0.12 0.00	32.12 -0.45 0.00	38.97 -0.75 0.00	30.09 -0.73 0.00	31.53 -0.87 0.00	28.59 -0.90 0.00	29.07 -0.91 0.00	22.25 -0.55 0.00	25.46 -0.44 0.00	34.55 -0.45 0.00	51.90 -0.31 0.00	151.68 -0.70 0.00	45.84 -0.34 0.00	41.38 -0.37 0.00	40.57 -0.41 0.00
LOWER___HUDSON 24059	64.23 0.99 0.00	46.52 0.77 0.00	33.65 0.55 0.00	39.21 0.69 0.00	39.50 0.69 0.00	46.41 0.75 0.00	51.72 0.92 0.00	54.05 0.96 0.00	45.79 1.01 0.00	37.16 0.99 0.00	33.55 0.98 0.00	41.00 1.28 0.00	31.81 0.99 0.00	33.55 1.14 0.00	30.53 1.04 0.00	31.04 1.05 0.00	23.50 0.69 0.00	26.67 0.77 0.00	36.02 1.02 0.00	53.47 1.27 0.00	155.68 3.30 0.00	47.10 0.92 0.00	42.58 0.82 0.00	41.74 0.75 0.00
LOWVILLE_115KV_TB2 356335	64.48 1.24 0.00	46.35 0.61 0.00	33.18 0.08 0.00	38.63 0.11 0.00	38.93 0.14 0.00	46.25 0.59 0.00	51.67 0.88 0.00	54.12 1.02 0.00	45.21 0.44 0.00	36.19 0.03 0.00	32.34 -0.22 0.00	39.11 -0.61 0.00	30.11 -0.71 0.00	31.56 -0.85 0.00	28.60 -0.88 0.00	29.00 -0.99 0.00	22.16 -0.64 0.00	25.48 -0.42 0.00	34.95 -0.05 0.00	52.61 0.40 0.00	153.10 0.72 0.00	46.00 -0.19 0.00	41.44 -0.31 0.00	40.63 -0.35 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	65.44 2.20 0.00	47.32 1.57 0.00	34.19 1.09 0.00	39.85 1.33 0.00	40.17 1.37 0.00	47.23 1.57 0.00	52.64 1.84 0.00	54.97 1.88 0.00	46.53 1.75 0.00	37.70 1.54 0.00	34.01 1.44 0.00	41.55 1.83 0.00	32.18 1.37 0.00	33.88 1.47 0.00	30.80 1.31 0.00	31.32 1.34 0.00	23.69 0.88 0.00	26.97 1.07 0.00	36.53 1.53 0.00	54.40 2.19 0.00	158.50 6.12 0.00	47.95 1.76 0.00	43.31 1.55 0.00	42.50 1.52 0.00

LUTHERNY_35_KV_BK2 355980	65.50 2.26 0.00	47.31 1.57 0.00	34.18 1.08 0.00	39.84 1.32 0.00	40.19 1.40 0.00	47.24 1.58 0.00	52.67 1.88 0.00	54.96 1.87 0.00	46.51 1.74 0.00	37.71 1.54 0.00	34.00 1.44 0.00	41.59 1.87 0.00	32.18 1.37 0.00	33.91 1.51 0.00	30.79 1.30 0.00	31.32 1.34 0.00	23.70 0.89 0.00	27.00 1.10 0.00	36.59 1.59 0.00	54.51 2.30 0.00	158.72 6.34 0.00	48.02 1.83 0.00	43.32 1.57 0.00	42.60 1.62 0.00
LWR___OSWEGATCHIE_HYD 23850	63.65 0.41 0.00	45.88 0.14 0.00	32.97 -0.13 0.00	38.35 -0.17 0.00	38.65 -0.15 0.00	45.75 0.09 0.00	50.81 0.01 0.00	53.31 0.22 0.00	44.63 -0.15 0.00	35.79 -0.37 0.00	31.91 -0.65 0.00	38.65 -1.07 0.00	29.79 -1.03 0.00	31.22 -1.18 0.00	28.30 -1.18 0.00	28.74 -1.25 0.00	22.00 -0.80 0.00	25.24 -0.66 0.00	34.44 -0.56 0.00	51.87 -0.34 0.00	151.38 -1.01 0.00	45.61 -0.58 0.00	41.13 -0.62 0.00	40.32 -0.67 0.00
LYONS_FALL_HYD 23570	64.42 1.18 0.00	46.39 0.65 0.00	33.34 0.24 0.00	38.82 0.30 0.00	39.11 0.31 0.00	46.31 0.65 0.00	51.68 0.88 0.00	54.09 1.00 0.00	45.35 0.57 0.00	36.39 0.23 0.00	32.62 0.05 0.00	39.54 -0.18 0.00	30.51 -0.31 0.00	32.02 -0.38 0.00	29.05 -0.44 0.00	29.46 -0.52 0.00	22.48 -0.32 0.00	25.76 -0.14 0.00	35.22 0.22 0.00	52.91 0.70 0.00	154.20 1.81 0.00	46.44 0.26 0.00	41.88 0.12 0.00	41.05 0.07 0.00
MADISON___COUNTY_LFGE 323628	64.51 1.26 0.00	46.56 0.82 0.00	33.64 0.54 0.00	39.17 0.65 0.00	39.44 0.64 0.00	46.48 0.82 0.00	51.85 1.05 0.00	54.17 1.08 0.00	45.58 0.80 0.00	36.65 0.48 0.00	32.92 0.35 0.00	40.00 0.28 0.00	30.98 0.16 0.00	32.55 0.14 0.00	29.60 0.11 0.00	30.03 0.05 0.00	22.85 0.05 0.00	26.09 0.19 0.00	35.52 0.52 0.00	53.38 1.17 0.00	156.14 3.76 0.00	47.23 1.04 0.00	42.63 0.88 0.00	41.80 0.82 0.00
MALONE___115KV_TB1 356076	65.26 2.02 0.00	47.23 1.49 0.00	34.12 1.02 0.00	39.58 1.06 0.00	39.92 1.12 0.00	47.01 1.35 0.00	52.13 1.33 0.00	54.54 1.45 0.00	46.04 1.27 0.00	37.13 0.96 0.00	33.11 0.54 0.00	40.12 0.40 0.00	30.90 0.09 0.00	32.35 -0.06 0.00	29.28 -0.21 0.00	29.71 -0.27 0.00	22.75 -0.06 0.00	26.00 0.10 0.00	35.38 0.38 0.00	53.15 0.94 0.00	155.53 3.14 0.00	46.92 0.73 0.00	42.10 0.34 0.00	41.15 0.17 0.00
MAPLEWOD_115KV_TB3 80458	64.12 0.88 0.00	46.44 0.70 0.00	33.65 0.55 0.00	39.18 0.66 0.00	39.46 0.66 0.00	46.35 0.69 0.00	51.63 0.83 0.00	53.97 0.88 0.00	45.73 0.95 0.00	37.12 0.96 0.00	33.55 0.98 0.00	40.97 1.25 0.00	31.83 1.02 0.00	33.55 1.15 0.00	30.55 1.07 0.00	31.07 1.08 0.00	23.54 0.74 0.00	26.68 0.78 0.00	36.02 1.02 0.00	53.45 1.24 0.00	155.64 3.25 0.00	47.08 0.90 0.00	42.58 0.82 0.00	41.72 0.74 0.00
MAPLE_RIDGE_WT_1 323574	63.43 0.18 0.00	45.88 0.13 0.00	33.14 0.04 0.00	38.55 0.03 0.00	38.83 0.02 0.00	45.70 0.04 0.00	50.81 0.02 0.00	53.14 0.05 0.00	44.78 0.01 0.00	36.21 0.04 0.00	32.52 -0.04 0.00	39.62 -0.10 0.00	30.71 -0.10 0.00	32.28 -0.12 0.00	29.32 -0.16 0.00	29.83 -0.16 0.00	22.71 -0.09 0.00	25.84 -0.06 0.00	34.95 -0.05 0.00	52.13 -0.08 0.00	152.12 -0.27 0.00	46.03 -0.15 0.00	41.47 -0.28 0.00	40.65 -0.33 0.00
MAPLE_RIDGE_WT_2 323611	63.43 0.18 0.00	45.88 0.13 0.00	33.14 0.04 0.00	38.55 0.03 0.00	38.83 0.02 0.00	45.70 0.04 0.00	50.81 0.02 0.00	53.14 0.05 0.00	44.78 0.01 0.00	36.21 0.04 0.00	32.52 -0.04 0.00	39.62 -0.10 0.00	30.71 -0.10 0.00	32.28 -0.12 0.00	29.32 -0.16 0.00	29.83 -0.16 0.00	22.71 -0.09 0.00	25.84 -0.06 0.00	34.95 -0.05 0.00	52.13 -0.08 0.00	152.12 -0.27 0.00	46.03 -0.15 0.00	41.47 -0.28 0.00	40.65 -0.33 0.00
MARBLE_RIVER_WT_PWR 323696	64.94 1.70 0.00	47.07 1.33 0.00	34.05 0.95 0.00	39.49 0.97 0.00	39.81 1.01 0.00	46.85 1.19 0.00	51.96 1.16 0.00	54.26 1.17 0.00	45.83 1.05 0.00	36.96 0.79 0.00	33.03 0.46 0.00	40.11 0.39 0.00	30.96 0.14 0.00	32.46 0.06 0.00	29.38 -0.10 0.00	29.81 -0.17 0.00	22.81 0.01 0.00	26.04 0.14 0.00	35.36 0.36 0.00	52.96 0.76 0.00	155.02 2.64 0.00	46.71 0.53 0.00	41.88 0.12 0.00	40.92 -0.06 0.00
MARSHVLE_115KV_TB1 80742	67.27 4.04 0.00	48.55 2.81 0.00	35.05 1.96 0.00	40.79 2.27 0.00	41.05 2.24 0.00	48.29 2.63 0.00	53.78 2.99 0.00	56.24 3.15 0.00	47.25 2.48 0.00	37.87 1.71 0.00	34.02 1.46 0.00	41.36 1.64 0.00	31.63 0.81 0.00	33.16 0.76 0.00	29.98 0.50 0.00	30.32 0.34 0.00	22.98 0.18 0.00	26.37 0.47 0.00	36.32 1.32 0.00	55.17 2.96 0.00	161.70 9.31 0.00	49.13 2.95 0.00	44.26 2.51 0.00	43.37 2.39 0.00
MARSH_HILL_WT_PWR 323713	62.09 -1.15 0.00	44.66 -1.08 0.00	32.41 -0.69 0.00	37.84 -0.68 0.00	38.23 -0.58 0.00	44.76 -0.90 0.00	49.95 -0.85 0.00	51.73 -1.37 0.00	42.99 -1.78 0.00	33.97 -2.20 0.00	30.19 -2.37 0.00	36.82 -2.90 0.00	28.73 -2.08 0.00	30.25 -2.15 0.00	27.67 -1.82 0.00	28.09 -1.89 0.00	21.48 -1.32 0.00	24.44 -1.46 0.00	33.36 -1.64 0.00	50.71 -1.50 0.00	149.76 -2.63 0.00	45.69 -0.49 0.00	42.04 0.29 0.00	41.49 0.51 0.00
MCINTYRE_115KV_TB2 80467	65.64 2.40 0.00	47.48 1.74 0.00	34.28 1.18 0.00	39.82 1.30 0.00	40.17 1.37 0.00	47.31 1.65 0.00	52.19 1.40 0.00	54.80 1.72 0.00	46.03 1.26 0.00	37.00 0.83 0.00	32.86 0.30 0.00	39.80 0.07 0.00	30.71 -0.10 0.00	32.17 -0.24 0.00	29.17 -0.31 0.00	29.69 -0.29 0.00	22.78 -0.03 0.00	26.13 0.23 0.00	35.42 0.41 0.00	53.40 1.20 0.00	156.57 4.19 0.00	47.36 1.17 0.00	42.77 1.02 0.00	41.93 0.95 0.00
MECO_____69_KV_BK1 80468	67.31 4.07 0.00	48.62 2.87 0.00	35.11 2.02 0.00	40.86 2.34 0.00	41.14 2.34 0.00	48.42 2.75 0.00	53.96 3.16 0.00	56.40 3.31 0.00	47.44 2.67 0.00	38.03 1.86 0.00	34.24 1.67 0.00	41.60 1.88 0.00	31.77 0.96 0.00	33.45 1.05 0.00	30.07 0.58 0.00	30.35 0.36 0.00	22.87 0.06 0.00	26.34 0.44 0.00	36.56 1.56 0.00	55.58 3.37 0.00	162.84 10.45 0.00	49.32 3.14 0.00	44.43 2.68 0.00	43.50 2.52 0.00
MENANDS___115KV_TB5 355628	63.76 0.52 0.00	46.20 0.45 0.00	33.50 0.40 0.00	38.99 0.47 0.00	39.26 0.47 0.00	46.11 0.45 0.00	51.37 0.57 0.00	53.69 0.60 0.00	45.49 0.71 0.00	36.96 0.80 0.00	33.40 0.83 0.00	40.79 1.07 0.00	31.71 0.89 0.00	33.44 1.04 0.00	30.46 0.97 0.00	30.97 0.98 0.00	23.48 0.67 0.00	26.60 0.71 0.00	35.86 0.86 0.00	53.16 0.95 0.00	154.72 2.34 0.00	46.81 0.63 0.00	42.34 0.58 0.00	41.49 0.51 0.00
MG INDUSTRY___DRP 24185	63.94 0.70 0.00	46.32 0.58 0.00	33.58 0.48 0.00	39.10 0.58 0.00	39.37 0.57 0.00	46.25 0.59 0.00	51.48 0.68 0.00	53.81 0.71 0.00	45.51 0.73 0.00	36.88 0.71 0.00	33.32 0.75 0.00	40.63 0.91 0.00	31.57 0.76 0.00	33.27 0.87 0.00	30.31 0.82 0.00	30.83 0.85 0.00	23.33 0.53 0.00	26.43 0.53 0.00	35.76 0.76 0.00	53.18 0.97 0.00	154.87 2.48 0.00	46.89 0.70 0.00	42.39 0.64 0.00	41.58 0.60 0.00

MID___OSWEGATCHIE_HYD 23849	63.65 0.41 0.00	45.88 0.14 0.00	32.97 -0.13 0.00	38.35 -0.17 0.00	38.65 -0.15 0.00	45.75 0.09 0.00	50.81 0.01 0.00	53.31 0.22 0.00	44.63 -0.15 0.00	35.79 -0.37 0.00	31.91 -0.65 0.00	38.65 -1.07 0.00	29.79 -1.03 0.00	31.22 -1.18 0.00	28.30 -1.18 0.00	28.74 -1.25 0.00	22.00 -0.80 0.00	25.24 -0.66 0.00	34.44 -0.56 0.00	51.87 -0.34 0.00	151.38 -1.01 0.00	45.61 -0.58 0.00	41.13 -0.62 0.00	40.32 -0.67 0.00
MID___RAQUETTE_HYD 23851	63.74 0.50 0.00	46.08 0.34 0.00	33.24 0.14 0.00	38.62 0.11 0.00	38.96 0.16 0.00	45.89 0.23 0.00	50.64 -0.15 0.00	53.23 0.14 0.00	44.77 0.00 0.00	36.04 -0.12 0.00	32.12 -0.45 0.00	38.97 -0.75 0.00	30.08 -0.73 0.00	31.53 -0.88 0.00	28.59 -0.90 0.00	29.08 -0.91 0.00	22.25 -0.56 0.00	25.46 -0.44 0.00	34.55 -0.45 0.00	51.90 -0.31 0.00	151.68 -0.70 0.00	45.84 -0.34 0.00	41.38 -0.37 0.00	40.57 -0.41 0.00
MILLIKEN___1 23584	64.04 0.80 0.00	46.23 0.49 0.00	33.47 0.37 0.00	38.91 0.39 0.00	39.23 0.44 0.00	46.14 0.48 0.00	51.47 0.67 0.00	53.77 0.67 0.00	45.07 0.29 0.00	36.11 -0.05 0.00	32.41 -0.16 0.00	39.45 -0.27 0.00	30.57 -0.25 0.00	32.06 -0.34 0.00	29.17 -0.31 0.00	29.68 -0.31 0.00	22.60 -0.21 0.00	25.69 -0.21 0.00	35.00 0.00 0.00	52.68 0.47 0.00	154.63 2.25 0.00	46.92 0.73 0.00	42.47 0.72 0.00	41.72 0.74 0.00
MILLIKEN___2 23585	64.04 0.80 0.00	46.23 0.49 0.00	33.47 0.37 0.00	38.91 0.39 0.00	39.23 0.44 0.00	46.14 0.48 0.00	51.47 0.67 0.00	53.77 0.67 0.00	45.07 0.29 0.00	36.11 -0.05 0.00	32.41 -0.16 0.00	39.45 -0.27 0.00	30.57 -0.25 0.00	32.06 -0.34 0.00	29.17 -0.31 0.00	29.68 -0.31 0.00	22.60 -0.21 0.00	25.69 -0.21 0.00	35.00 0.00 0.00	52.68 0.47 0.00	154.63 2.25 0.00	46.92 0.73 0.00	42.47 0.72 0.00	41.72 0.74 0.00
MILLIKEN___DIESEL 23629	64.04 0.80 0.00	46.23 0.49 0.00	33.47 0.37 0.00	38.91 0.39 0.00	39.23 0.44 0.00	46.14 0.48 0.00	51.47 0.67 0.00	53.77 0.67 0.00	45.07 0.29 0.00	36.11 -0.05 0.00	32.41 -0.16 0.00	39.45 -0.27 0.00	30.57 -0.25 0.00	32.06 -0.34 0.00	29.17 -0.31 0.00	29.68 -0.31 0.00	22.60 -0.21 0.00	25.69 -0.21 0.00	35.00 0.00 0.00	52.68 0.47 0.00	154.63 2.25 0.00	46.92 0.73 0.00	42.47 0.72 0.00	41.72 0.74 0.00
MILLSEAT___LFGE 323607	60.83 -2.41 0.00	43.80 -1.94 0.00	31.69 -1.41 0.00	36.88 -1.64 0.00	37.33 -1.47 0.00	43.85 -1.82 0.00	49.00 -1.79 0.00	50.47 -2.62 0.00	41.98 -2.80 0.00	33.33 -2.84 0.00	29.66 -2.91 0.00	36.20 -3.52 0.00	28.13 -2.68 0.00	29.39 -3.01 0.00	26.77 -2.72 0.00	27.34 -2.64 0.00	21.02 -1.78 0.00	23.64 -2.26 0.00	31.87 -3.13 0.00	48.20 -4.00 0.00	141.89 -10.49 0.00	43.43 -2.76 0.00	40.20 -1.55 0.00	39.48 -1.50 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	65.31 2.06 0.00	47.13 1.39 0.00	34.12 1.02 0.00	39.74 1.22 0.00	39.94 1.14 0.00	47.21 1.55 0.00	52.56 1.76 0.00	55.09 2.00 0.00	46.62 1.85 0.00	37.75 1.58 0.00	34.23 1.66 0.00	41.86 2.14 0.00	32.65 1.75 -0.08	34.36 1.88 -0.07	31.34 1.76 -0.09	31.78 1.75 -0.05	24.28 1.35 -0.12	27.26 1.36 0.00	36.72 1.71 0.00	54.63 2.42 0.00	159.04 6.66 0.00	48.27 2.09 0.00	43.51 1.75 0.00	42.67 1.69 0.00
MILLWOOD_13_KV_LOAD 356217	65.40 2.16 0.00	47.19 1.45 0.00	34.16 1.06 0.00	39.79 1.26 0.00	39.99 1.18 0.00	47.26 1.60 0.00	52.63 1.83 0.00	55.17 2.08 0.00	46.69 1.91 0.00	37.80 1.63 0.00	34.26 1.69 0.00	41.90 2.18 0.00	32.69 1.78 -0.08	34.39 1.91 -0.07	31.37 1.79 -0.09	31.81 1.78 -0.05	24.30 1.37 -0.12	27.29 1.39 0.00	36.76 1.76 0.00	54.70 2.49 0.00	159.26 6.88 0.00	48.33 2.14 0.00	43.55 1.79 0.00	42.72 1.74 0.00
MODEL_CITY_ENERGY 24167	58.96 -4.29 0.00	42.49 -3.25 0.00	30.76 -2.35 0.00	35.79 -2.73 0.00	36.23 -2.57 0.00	42.52 -3.14 0.00	47.50 -3.30 0.00	48.81 -4.28 0.00	40.75 -4.02 0.00	32.48 -3.68 0.00	28.92 -3.65 0.00	35.37 -4.35 0.00	27.54 -3.28 0.00	28.74 -3.67 0.00	26.19 -3.29 0.00	26.80 -3.19 0.00	20.61 -2.19 0.00	23.06 -2.84 0.00	30.79 -4.21 0.00	46.23 -5.98 0.00	135.98 -16.41 0.00	41.74 -4.44 0.00	38.90 -2.85 0.00	38.27 -2.71 0.00
MODERN_LFGE___ 323580	58.96 -4.29 0.00	42.49 -3.25 0.00	30.76 -2.35 0.00	35.79 -2.73 0.00	36.23 -2.57 0.00	42.52 -3.14 0.00	47.50 -3.30 0.00	48.81 -4.28 0.00	40.75 -4.02 0.00	32.48 -3.68 0.00	28.92 -3.65 0.00	35.37 -4.35 0.00	27.54 -3.28 0.00	28.74 -3.67 0.00	26.19 -3.29 0.00	26.80 -3.19 0.00	20.61 -2.19 0.00	23.06 -2.84 0.00	30.79 -4.21 0.00	46.23 -5.98 0.00	135.98 -16.41 0.00	41.74 -4.44 0.00	38.90 -2.85 0.00	38.27 -2.71 0.00
MOHAWK_PAPER___DRP 24187	64.12 0.88 0.00	46.44 0.70 0.00	33.65 0.55 0.00	39.18 0.66 0.00	39.46 0.66 0.00	46.35 0.69 0.00	51.63 0.83 0.00	53.97 0.88 0.00	45.73 0.95 0.00	37.12 0.96 0.00	33.55 0.98 0.00	40.97 1.25 0.00	31.83 1.02 0.00	33.55 1.15 0.00	30.55 1.07 0.00	31.07 1.08 0.00	23.54 0.74 0.00	26.68 0.78 0.00	36.02 1.02 0.00	53.45 1.24 0.00	155.64 3.25 0.00	47.08 0.90 0.00	42.58 0.82 0.00	41.72 0.74 0.00
MOHICAN___35_KV_115KV_LD 80490	66.24 3.00 0.00	47.84 2.10 0.00	34.51 1.41 0.00	40.24 1.72 0.00	40.59 1.79 0.00	47.71 2.05 0.00	53.24 2.44 0.00	55.58 2.48 0.00	47.10 2.33 0.00	38.16 2.00 0.00	34.38 1.81 0.00	41.98 2.26 0.00	32.47 1.66 0.00	34.12 1.71 0.00	31.02 1.54 0.00	31.53 1.55 0.00	23.85 1.05 0.00	27.13 1.23 0.00	36.73 1.74 0.00	54.76 2.56 0.00	159.88 7.49 0.00	48.41 2.22 0.00	43.73 1.98 0.00	42.89 1.91 0.00
MONGAUP___HYD 23641	65.24 2.00 0.00	46.98 1.23 0.00	34.19 1.09 0.00	39.76 1.24 0.00	40.00 1.20 0.00	47.22 1.56 0.00	52.55 1.76 0.00	54.34 1.24 0.00	46.03 1.25 0.00	37.56 1.40 0.00	33.70 1.13 0.00	41.40 1.68 0.00	31.96 1.15 0.00	33.62 1.22 0.00	30.60 1.12 0.00	31.10 1.11 0.00	23.68 0.87 0.00	26.70 0.81 0.00	36.16 1.16 0.00	54.22 2.01 0.00	157.45 5.06 0.00	47.99 1.81 0.00	43.25 1.50 0.00	42.63 1.65 0.00
MONTAUK___DIESEL 23721	63.43 0.19 0.00	45.61 -0.13 0.00	33.18 0.08 0.00	38.68 0.16 0.00	38.65 -0.15 0.00	45.77 0.11 0.00	50.72 -0.08 0.00	53.28 0.23 0.05	45.42 0.65 0.00	37.03 0.88 0.01	33.83 1.26 0.00	40.82 1.10 0.00	31.45 0.83 0.20	33.44 1.20 0.16	31.02 1.76 0.22	31.95 2.08 0.11	24.06 2.18 0.93	27.71 2.43 0.62	38.21 3.25 0.03	57.15 4.94 0.00	164.93 13.58 1.03	50.51 4.33 0.00	45.07 3.32 0.00	44.13 3.16 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	63.06 -0.18 0.00	45.19 -0.56 0.00	32.80 -0.30 0.00	38.19 -0.33 0.00	38.51 -0.29 0.00	45.02 -0.64 0.00	50.46 -0.34 0.00	52.37 -0.72 0.00	43.66 -1.12 0.00	34.84 -1.33 0.00	31.40 -1.17 0.00	38.33 -1.39 0.00	29.76 -1.05 0.00	31.03 -1.38 0.00	28.28 -1.21 0.00	28.79 -1.20 0.00	22.11 -0.70 0.00	25.05 -0.85 0.00	33.67 -1.33 0.00	50.81 -1.40 0.00	149.99 -2.39 0.00	45.67 -0.51 0.00	42.00 0.25 0.00	41.33 0.35 0.00

MORRIS_RIDGE___SOLAR 323848	61.49 -1.75 0.00	44.22 -1.52 0.00	32.07 -1.03 0.00	37.39 -1.13 0.00	37.77 -1.03 0.00	44.27 -1.39 0.00	49.43 -1.36 0.00	51.24 -1.85 0.00	42.55 -2.22 0.00	33.57 -2.60 0.00	30.16 -2.41 0.00	36.80 -2.92 0.00	28.70 -2.12 0.00	29.97 -2.43 0.00	27.32 -2.17 0.00	27.77 -2.22 0.00	21.26 -1.54 0.00	24.14 -1.76 0.00	32.84 -2.16 0.00	49.84 -2.37 0.00	146.94 -5.44 0.00	44.83 -1.36 0.00	41.21 -0.54 0.00	40.64 -0.34 0.00
MORTIMER_115KV_TB3 55949	61.54 -1.71 0.00	44.38 -1.36 0.00	32.11 -0.99 0.00	37.36 -1.15 0.00	37.73 -1.07 0.00	44.35 -1.31 0.00	49.50 -1.29 0.00	51.36 -1.74 0.00	43.01 -1.77 0.00	34.45 -1.71 0.00	30.85 -1.72 0.00	37.60 -2.12 0.00	29.16 -1.65 0.00	30.55 -1.85 0.00	27.81 -1.67 0.00	28.36 -1.62 0.00	21.71 -1.09 0.00	24.60 -1.30 0.00	33.23 -1.77 0.00	49.87 -2.34 0.00	146.06 -6.32 0.00	44.48 -1.70 0.00	40.69 -1.07 0.00	39.94 -1.04 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	65.81 2.57 0.00	47.47 1.73 0.00	34.39 1.30 0.00	40.09 1.57 0.00	40.29 1.49 0.00	47.64 1.97 0.00	53.03 2.24 0.00	55.59 2.50 0.00	47.08 2.30 0.00	38.38 1.98 -0.24	34.61 2.03 -0.01	42.28 2.56 0.00	36.87 2.10 -3.96	37.86 2.24 -3.23	35.92 2.09 -4.35	34.31 2.08 -2.25	48.54 1.60 -24.14	45.15 1.63 -17.63	38.08 2.08 -1.00	55.12 2.91 0.00	160.46 8.08 0.00	48.81 2.59 -0.04	43.96 2.20 -0.01	43.15 2.15 -0.02
MUNSVILLE_WIND_PWR 323609	66.96 3.72 0.00	48.26 2.52 0.00	34.88 1.78 0.00	40.33 1.81 0.00	40.42 1.62 0.00	47.12 1.46 0.00	52.68 1.89 0.00	55.08 1.99 0.00	46.54 1.76 0.00	37.45 1.29 0.00	33.52 0.96 0.00	40.37 0.65 0.00	31.28 0.47 0.00	32.70 0.30 0.00	29.68 0.20 0.00	30.20 0.22 0.00	22.81 0.00 0.00	26.03 0.13 0.00	35.85 0.85 0.00	54.87 2.66 0.00	162.29 9.91 0.00	49.14 2.96 0.00	44.42 2.66 0.00	43.68 2.70 0.00
N SALMON___HYD 24042	65.26 2.02 0.00	47.23 1.49 0.00	34.12 1.02 0.00	39.58 1.06 0.00	39.92 1.13 0.00	47.01 1.35 0.00	52.13 1.33 0.00	54.54 1.45 0.00	46.04 1.27 0.00	37.13 0.96 0.00	33.11 0.54 0.00	40.12 0.40 0.00	30.90 0.09 0.00	32.35 -0.06 0.00	29.28 -0.21 0.00	29.71 -0.27 0.00	22.75 -0.06 0.00	26.00 0.10 0.00	35.38 0.38 0.00	53.15 0.94 0.00	155.53 3.14 0.00	46.92 0.74 0.00	42.10 0.34 0.00	41.15 0.17 0.00
N.AKRON__115KV_KNAPP 355671	60.50 -2.74 0.00	43.57 -2.18 0.00	31.53 -1.57 0.00	36.69 -1.83 0.00	37.14 -1.66 0.00	43.60 -2.06 0.00	48.74 -2.06 0.00	50.17 -2.92 0.00	41.81 -2.97 0.00	33.22 -2.95 0.00	29.56 -3.01 0.00	36.10 -3.62 0.00	28.06 -2.76 0.00	29.31 -3.10 0.00	26.69 -2.80 0.00	27.28 -2.70 0.00	20.97 -1.84 0.00	23.54 -2.35 0.00	31.72 -3.28 0.00	47.81 -4.40 0.00	140.65 -11.74 0.00	43.09 -3.09 0.00	39.96 -1.79 0.00	39.27 -1.71 0.00
N.BELMOR_69_KV_BK1 55787	65.07 1.82 0.00	46.90 1.16 0.00	34.05 0.95 0.00	39.67 1.15 0.00	39.71 0.91 0.00	46.99 1.33 0.00	52.07 1.27 0.00	54.59 1.50 0.00	46.32 1.55 0.00	37.68 1.53 0.01	34.43 1.87 0.00	41.93 2.20 0.00	32.39 1.77 0.20	34.16 1.92 0.16	31.16 1.89 0.22	31.69 1.82 0.11	23.40 1.53 0.93	26.77 1.49 0.62	36.73 1.77 0.03	54.75 2.54 0.00	159.00 6.61 0.00	48.41 2.23 0.00	43.38 1.63 0.00	42.54 1.56 0.00
N.E_GEN_SANDY PD 24062	64.39 1.15 0.00	46.61 0.87 0.00	33.75 0.66 0.00	39.32 0.80 0.00	39.57 0.77 0.00	46.57 0.90 0.00	51.88 1.08 0.00	54.27 1.18 0.00	46.02 1.25 0.00	37.36 1.19 0.00	33.80 1.23 0.00	41.43 1.70 0.00	32.16 1.35 0.00	33.93 1.52 0.00	30.91 1.42 0.00	31.41 1.42 0.00	23.84 1.04 0.00	26.97 1.07 0.00	36.30 1.29 0.00	52.98 1.61 0.83	156.54 4.15 0.00	47.40 1.22 0.00	42.83 1.07 0.00	41.97 0.99 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	65.02 1.78 0.00	46.92 1.18 0.00	33.94 0.84 0.00	39.56 1.04 0.00	39.78 0.98 0.00	47.04 1.38 0.00	52.41 1.62 0.00	54.95 1.86 0.00	46.44 1.66 0.00	37.54 1.38 0.00	34.02 1.45 0.00	41.61 1.89 0.00	32.42 1.60 0.00	34.12 1.72 0.00	31.08 1.60 0.00	31.56 1.57 0.00	24.04 1.23 0.00	27.12 1.22 0.00	36.53 1.52 0.00	54.41 2.20 0.00	158.36 5.98 0.00	48.02 1.84 0.00	43.28 1.52 0.00	42.47 1.49 0.00
N.QUEENS_27_KV_LOAD 356247	66.27 3.03 0.00	47.85 2.10 -0.01	34.57 1.47 0.00	40.26 1.74 0.00	40.47 1.67 0.00	47.84 2.18 0.00	53.12 2.33 0.00	55.77 2.66 -0.03	47.25 2.47 0.00	38.47 2.13 -0.17	34.76 2.18 -0.01	42.45 2.72 0.00	35.88 2.24 -2.83	37.10 2.39 -2.30	34.83 2.25 -3.10	33.82 2.24 -1.60	43.38 1.69 -18.89	41.77 1.72 -14.16	38.02 2.22 -0.80	55.34 3.13 0.00	161.62 8.70 -0.54	49.00 2.78 -0.03	44.15 2.39 -0.01	43.33 2.33 -0.02
N.TROY___115KV_TB1 355778	64.23 0.99 0.00	46.52 0.78 0.00	33.65 0.55 0.00	39.22 0.70 0.00	39.50 0.69 0.00	46.41 0.75 0.00	51.72 0.92 0.00	54.05 0.96 0.00	45.79 1.01 0.00	37.15 0.99 0.00	33.55 0.98 0.00	41.00 1.28 0.00	31.81 0.99 0.00	33.55 1.14 0.00	30.53 1.04 0.00	31.04 1.05 0.00	23.50 0.69 0.00	26.67 0.77 0.00	36.02 1.02 0.00	53.48 1.27 0.00	155.69 3.30 0.00	47.10 0.91 0.00	42.58 0.82 0.00	41.74 0.76 0.00
NARROWS_GT1_1 24228	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NARROWS_GT1_2 24229	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NARROWS_GT1_3 24230	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NARROWS_GT1_4 24231	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71

NARROWS_GT1_5 24232	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NARROWS_GT1_6 24233	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NARROWS_GT1_7 24234	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NARROWS_GT1_8 24235	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NARROWS_GT2_1 24236	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NARROWS_GT2_2 24237	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NARROWS_GT2_3 24238	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NARROWS_GT2_4 24239	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NARROWS_GT2_5 24240	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NARROWS_GT2_6 24241	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NARROWS_GT2_7 24242	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NARROWS_GT2_8 24243	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	64.98 1.74 0.00	47.06 1.31 0.00	34.11 1.00 0.00	39.69 1.17 0.00	39.97 1.16 0.00	46.95 1.29 0.00	52.34 1.54 0.00	54.74 1.65 0.00	46.34 1.57 0.00	37.55 1.39 0.00	33.85 1.28 0.00	41.35 1.63 0.00	32.10 1.29 0.00	33.81 1.41 0.00	30.74 1.25 0.00	31.20 1.22 0.00	23.71 0.91 0.00	26.79 0.89 0.00	36.29 1.29 0.00	54.21 2.00 0.00	158.04 5.65 0.00	47.76 1.58 0.00	43.15 1.39 0.00	42.22 1.24 0.00
NCHELSEA_115KV_TR2 355582	65.62 2.38 0.00	47.37 1.63 0.00	34.30 1.20 0.00	39.93 1.41 0.00	40.14 1.35 0.00	47.40 1.74 0.00	52.81 2.01 0.00	55.34 2.25 0.00	46.82 2.05 0.00	37.88 1.71 0.00	34.31 1.75 0.00	41.96 2.24 0.00	32.66 1.84 0.00	34.38 1.98 0.00	31.33 1.85 0.00	31.85 1.87 0.00	24.23 1.42 0.00	27.37 1.48 0.00	36.89 1.89 0.00	54.89 2.68 0.00	159.80 7.42 0.00	48.47 2.28 0.00	43.68 1.93 0.00	42.82 1.84 0.00
NEG CAPITAL___MECHNVIL 23645	65.44 2.20 0.00	47.31 1.57 0.00	34.20 1.10 0.00	39.86 1.34 0.00	40.16 1.36 0.00	47.26 1.60 0.00	52.64 1.85 0.00	55.00 1.91 0.00	46.58 1.80 0.00	37.75 1.59 0.00	34.07 1.51 0.00	41.62 1.90 0.00	32.25 1.44 0.00	33.95 1.55 0.00	30.88 1.39 0.00	31.40 1.41 0.00	23.71 0.91 0.00	27.01 1.12 0.00	36.60 1.60 0.00	54.47 2.26 0.00	158.76 6.38 0.00	48.00 1.82 0.00	43.34 1.59 0.00	42.49 1.51 0.00



NEG CENTRAL_HIGH_ACRES 23767	60.77 -2.47 0.00	43.85 -1.90 0.00	31.72 -1.38 0.00	36.94 -1.58 0.00	37.27 -1.52 0.00	43.84 -1.82 0.00	48.90 -1.90 0.00	50.81 -2.28 0.00	42.59 -2.19 0.00	34.13 -2.04 0.00	30.58 -1.99 0.00	37.26 -2.46 0.00	28.89 -1.92 0.00	30.25 -2.15 0.00	27.54 -1.94 0.00	28.07 -1.91 0.00	21.48 -1.33 0.00	24.40 -1.50 0.00	33.03 -1.97 0.00	49.54 -2.66 0.00	145.05 -7.34 0.00	44.09 -2.09 0.00	40.22 -1.54 0.00	39.46 -1.52 0.00
NEG CENTRAL___DRP 24199	62.90 -0.34 0.00	45.48 -0.27 0.00	32.92 -0.18 0.00	38.32 -0.19 0.00	38.65 -0.15 0.00	45.47 -0.19 0.00	50.71 -0.08 0.00	52.93 -0.17 0.00	44.28 -0.49 0.00	35.41 -0.75 0.00	31.81 -0.76 0.00	38.76 -0.95 0.00	30.06 -0.76 0.00	31.54 -0.87 0.00	28.74 -0.75 0.00	29.20 -0.78 0.00	22.28 -0.53 0.00	25.33 -0.57 0.00	34.43 -0.57 0.00	51.69 -0.52 0.00	151.39 -1.00 0.00	46.05 -0.13 0.00	41.81 0.05 0.00	41.09 0.11 0.00
NEG CENTRAL___INDECK 23768	63.44 0.20 0.00	45.63 -0.11 0.00	33.04 -0.06 0.00	38.51 -0.02 0.00	38.90 0.10 0.00	45.70 0.03 0.00	51.05 0.25 0.00	52.88 -0.20 0.00	44.03 -0.75 0.00	34.53 -1.63 0.00	30.84 -1.73 0.00	37.62 -2.10 0.00	29.24 -1.57 0.00	30.60 -1.80 0.00	27.89 -1.59 0.00	28.39 -1.59 0.00	21.76 -1.05 0.00	24.75 -1.15 0.00	33.60 -1.40 0.00	51.32 -0.89 0.00	151.70 -0.68 0.00	46.26 0.07 0.00	42.36 0.61 0.00	41.60 0.63 0.00
NEG CENTRAL___SENECA 23627	62.97 -0.27 0.00	45.53 -0.21 0.00	32.97 -0.13 0.00	38.42 -0.11 0.00	38.74 -0.06 0.00	45.56 -0.11 0.00	50.82 0.02 0.00	53.00 -0.09 0.00	44.31 -0.46 0.00	35.32 -0.85 0.00	31.69 -0.88 0.00	38.63 -1.09 0.00	29.97 -0.85 0.00	31.40 -1.00 0.00	28.63 -0.86 0.00	29.07 -0.92 0.00	22.21 -0.60 0.00	25.28 -0.62 0.00	34.38 -0.62 0.00	51.75 -0.46 0.00	151.53 -0.85 0.00	46.16 -0.03 0.00	41.97 0.21 0.00	41.28 0.30 0.00
NEG CENTRAL___STATE_STREET 24147	63.30 0.06 0.00	45.78 0.04 0.00	33.14 0.04 0.00	38.47 -0.05 0.00	38.88 0.08 0.00	45.77 0.11 0.00	51.05 0.25 0.00	53.28 0.19 0.00	44.52 -0.25 0.00	35.77 -0.40 0.00	32.15 -0.41 0.00	39.18 -0.54 0.00	30.30 -0.52 0.00	31.87 -0.53 0.00	29.03 -0.46 0.00	29.52 -0.46 0.00	22.50 -0.31 0.00	25.52 -0.38 0.00	34.75 -0.25 0.00	52.00 -0.20 0.00	152.58 0.20 0.00	46.36 0.17 0.00	41.99 0.23 0.00	41.25 0.27 0.00
NEG MILLWOOD___DRP 24198	65.88 2.64 0.00	47.55 1.81 0.00	34.42 1.32 0.00	40.07 1.55 0.00	40.29 1.49 0.00	47.59 1.92 0.00	53.00 2.21 0.00	55.56 2.47 0.00	47.04 2.26 0.00	38.08 1.92 0.00	34.51 1.94 0.00	42.20 2.48 0.00	32.82 2.00 0.00	34.55 2.15 0.00	31.48 2.00 0.00	31.99 2.01 0.00	24.34 1.53 0.00	27.50 1.60 0.00	37.04 2.03 0.00	55.11 2.90 0.00	160.54 8.16 0.00	48.69 2.50 0.00	43.86 2.11 0.00	42.99 2.01 0.00
NEG NORTH_FLCN_SEA 23793	65.53 2.29 0.00	47.54 1.80 0.00	34.42 1.32 0.00	39.90 1.38 0.00	40.21 1.42 0.00	47.31 1.65 0.00	52.51 1.71 0.00	54.81 1.72 0.00	46.35 1.58 0.00	37.37 1.21 0.00	33.38 0.82 0.00	40.49 0.77 0.00	31.23 0.42 0.00	32.77 0.37 0.00	29.63 0.15 0.00	30.03 0.04 0.00	22.97 0.16 0.00	26.22 0.32 0.00	35.63 0.63 0.00	53.40 1.19 0.00	156.35 3.97 0.00	47.23 1.04 0.00	42.34 0.59 0.00	41.34 0.36 0.00
NEG NORTH_KES_CHATEGAY 23792	65.08 1.84 0.00	47.19 1.45 0.00	34.12 1.02 0.00	39.56 1.04 0.00	39.89 1.10 0.00	46.93 1.27 0.00	52.06 1.27 0.00	54.40 1.31 0.00	45.93 1.16 0.00	37.03 0.86 0.00	33.05 0.48 0.00	40.10 0.38 0.00	30.93 0.11 0.00	32.42 0.02 0.00	29.33 -0.15 0.00	29.78 -0.20 0.00	22.79 -0.01 0.00	26.03 0.13 0.00	35.35 0.34 0.00	53.07 0.86 0.00	155.35 2.97 0.00	46.80 0.61 0.00	41.93 0.18 0.00	40.97 -0.01 0.00
NEG NORTH___ALICE_FALLS 23915	65.60 2.36 0.00	47.55 1.81 0.00	34.42 1.32 0.00	39.90 1.38 0.00	40.21 1.42 0.00	47.34 1.68 0.00	52.52 1.73 0.00	54.85 1.76 0.00	46.39 1.62 0.00	37.41 1.25 0.00	33.40 0.84 0.00	40.50 0.78 0.00	31.22 0.40 0.00	32.73 0.32 0.00	29.59 0.11 0.00	30.00 0.01 0.00	22.95 0.14 0.00	26.21 0.31 0.00	35.65 0.65 0.00	53.47 1.26 0.00	156.59 4.21 0.00	47.30 1.11 0.00	42.38 0.62 0.00	41.37 0.38 0.00
NEG NORTH___LWR_SARANAC 23913	65.60 2.36 0.00	47.55 1.81 0.00	34.42 1.32 0.00	39.90 1.38 0.00	40.21 1.42 0.00	47.34 1.68 0.00	52.52 1.73 0.00	54.85 1.76 0.00	46.39 1.62 0.00	37.41 1.25 0.00	33.40 0.84 0.00	40.50 0.78 0.00	31.22 0.40 0.00	32.73 0.32 0.00	29.59 0.11 0.00	30.00 0.01 0.00	22.95 0.14 0.00	26.21 0.31 0.00	35.65 0.65 0.00	53.47 1.26 0.00	156.59 4.21 0.00	47.30 1.11 0.00	42.38 0.62 0.00	41.37 0.38 0.00
NEG NORTH___PLATTSBURG 23628	65.60 2.36 0.00	47.55 1.81 0.00	34.42 1.32 0.00	39.90 1.38 0.00	40.21 1.42 0.00	47.34 1.68 0.00	52.52 1.73 0.00	54.85 1.76 0.00	46.39 1.62 0.00	37.41 1.25 0.00	33.40 0.83 0.00	40.50 0.78 0.00	31.22 0.40 0.00	32.73 0.32 0.00	29.59 0.11 0.00	30.00 0.01 0.00	22.95 0.14 0.00	26.21 0.32 0.00	35.65 0.65 0.00	53.47 1.26 0.00	156.59 4.20 0.00	47.30 1.11 0.00	42.38 0.62 0.00	41.37 0.39 0.00
NEG WEST_LEA_LOCKPORT 23791	59.52 -3.72 0.00	42.88 -2.86 0.00	31.04 -2.06 0.00	36.12 -2.40 0.00	36.56 -2.24 0.00	42.91 -2.75 0.00	47.94 -2.86 0.00	49.33 -3.76 0.00	41.20 -3.58 0.00	32.82 -3.34 0.00	29.23 -3.34 0.00	35.72 -4.00 0.00	27.77 -3.04 0.00	29.00 -3.40 0.00	26.43 -3.06 0.00	27.02 -2.97 0.00	20.78 -2.03 0.00	23.29 -2.61 0.00	31.17 -3.83 0.00	46.85 -5.36 0.00	137.75 -14.64 0.00	42.29 -3.90 0.00	39.34 -2.42 0.00	38.70 -2.29 0.00
NEG WEST___LANCASTR 23811	61.53 -1.71 0.00	44.29 -1.45 0.00	32.09 -1.02 0.00	37.39 -1.13 0.00	37.79 -1.01 0.00	44.31 -1.35 0.00	49.48 -1.32 0.00	51.29 -1.80 0.00	42.92 -1.86 0.00	34.25 -1.91 0.00	30.70 -1.86 0.00	37.57 -2.15 0.00	29.18 -1.64 0.00	30.49 -1.91 0.00	27.82 -1.67 0.00	28.35 -1.63 0.00	21.74 -1.06 0.00	24.54 -1.36 0.00	32.92 -2.09 0.00	49.46 -2.74 0.00	145.81 -6.57 0.00	44.54 -1.65 0.00	41.08 -0.67 0.00	40.44 -0.54 0.00
NEG_PENN_ALLEGHNY 23528	63.38 0.14 0.00	45.72 -0.02 0.00	33.10 0.00 0.00	38.57 0.05 0.00	38.86 0.06 0.00	45.68 0.02 0.00	50.93 0.13 0.00	53.22 0.13 0.00	44.73 -0.04 0.00	35.96 -0.21 0.00	32.46 -0.11 0.00	39.60 -0.12 0.00	30.73 -0.08 0.00	32.24 -0.17 0.00	29.41 -0.08 0.00	29.83 -0.15 0.00	22.72 -0.08 0.00	25.85 -0.05 0.00	34.91 -0.09 0.00	52.25 0.04 0.00	153.26 0.87 0.00	46.43 0.24 0.00	42.08 0.32 0.00	41.43 0.45 0.00
NEG___GEN_MONROE 24207	61.79 -1.45 0.00	44.55 -1.20 0.00	32.22 -0.88 0.00	37.51 -1.01 0.00	37.86 -0.94 0.00	44.52 -1.14 0.00	49.72 -1.08 0.00	51.52 -1.57 0.00	43.04 -1.73 0.00	34.36 -1.81 0.00	30.72 -1.85 0.00	37.45 -2.28 0.00	29.04 -1.77 0.00	30.41 -1.99 0.00	27.72 -1.77 0.00	28.24 -1.74 0.00	21.64 -1.16 0.00	24.50 -1.40 0.00	33.12 -1.88 0.00	49.88 -2.33 0.00	146.33 -6.06 0.00	44.58 -1.60 0.00	40.84 -0.92 0.00	40.09 -0.89 0.00

NEPA___ENERGY 23901	62.04 -1.20 0.00	44.55 -1.19 0.00	32.30 -0.80 0.00	37.69 -0.83 0.00	38.10 -0.70 0.00	44.67 -0.99 0.00	50.03 -0.77 0.00	52.06 -1.03 0.00	43.45 -1.33 0.00	34.56 -1.61 0.00	31.17 -1.39 0.00	38.12 -1.60 0.00	29.59 -1.22 0.00	30.87 -1.53 0.00	28.25 -1.24 0.00	28.63 -1.35 0.00	21.97 -0.83 0.00	24.88 -1.02 0.00	33.33 -1.68 0.00	50.16 -2.05 0.00	148.18 -4.20 0.00	45.00 -1.19 0.00	41.34 -0.42 0.00	40.86 -0.12 0.00
NEVERSINK___HYD 23608	66.01 2.77 0.00	47.65 1.90 0.00	34.48 1.38 0.00	40.16 1.64 0.00	40.39 1.59 0.00	47.70 2.04 0.00	53.16 2.36 0.00	55.68 2.58 0.00	47.00 2.22 0.00	37.94 1.78 0.00	34.30 1.73 0.00	41.95 2.23 0.00	32.59 1.78 0.00	34.24 1.84 0.00	31.18 1.69 0.00	31.76 1.77 0.00	24.15 1.34 0.00	27.26 1.36 0.00	36.83 1.83 0.00	55.00 2.79 0.00	160.45 8.07 0.00	48.63 2.45 0.00	43.80 2.05 0.00	42.95 1.97 0.00
NEWKRMKL_115KV_TB1 55635	63.44 0.20 0.00	45.97 0.23 0.00	33.36 0.26 0.00	38.82 0.29 0.00	39.08 0.28 0.00	45.89 0.22 0.00	51.12 0.32 0.00	53.44 0.35 0.00	45.27 0.49 0.00	36.78 0.62 0.00	33.23 0.67 0.00	40.57 0.85 0.00	31.55 0.73 0.00	33.28 0.87 0.00	30.30 0.82 0.00	30.81 0.83 0.00	23.37 0.56 0.00	26.48 0.58 0.00	35.71 0.71 0.00	52.93 0.73 0.00	154.04 1.66 0.00	46.61 0.42 0.00	42.17 0.41 0.00	41.31 0.33 0.00
NEWTON___FALLS_HYD 23847	63.65 0.41 0.00	45.88 0.14 0.00	32.97 -0.13 0.00	38.35 -0.17 0.00	38.65 -0.15 0.00	45.75 0.09 0.00	50.81 0.01 0.00	53.31 0.22 0.00	44.63 -0.15 0.00	35.79 -0.37 0.00	31.91 -0.65 0.00	38.65 -1.07 0.00	29.79 -1.03 0.00	31.22 -1.18 0.00	28.30 -1.18 0.00	28.74 -1.25 0.00	22.00 -0.80 0.00	25.24 -0.66 0.00	34.44 -0.56 0.00	51.87 -0.34 0.00	151.38 -1.01 0.00	45.61 -0.58 0.00	41.13 -0.62 0.00	40.32 -0.67 0.00
NGRID_A1_DSASP 323792	58.45 -4.79 0.00	42.11 -3.63 0.00	30.50 -2.60 0.00	35.48 -3.04 0.00	35.92 -2.88 0.00	42.16 -3.51 0.00	47.04 -3.76 0.00	48.42 -4.67 0.00	40.60 -4.18 0.00	32.43 -3.73 0.00	28.87 -3.70 0.00	35.24 -4.48 0.00	27.37 -3.44 0.00	28.58 -3.82 0.00	26.04 -3.44 0.00	26.65 -3.34 0.00	20.51 -2.29 0.00	23.02 -2.88 0.00	30.71 -4.29 0.00	45.97 -6.24 0.00	135.13 -17.26 0.00	41.47 -4.71 0.00	38.68 -3.07 0.00	38.04 -2.94 0.00
NGRID_A2_DSASP 323793	58.45 -4.79 0.00	42.11 -3.63 0.00	30.50 -2.60 0.00	35.48 -3.04 0.00	35.92 -2.88 0.00	42.16 -3.51 0.00	47.04 -3.76 0.00	48.42 -4.67 0.00	40.60 -4.18 0.00	32.43 -3.73 0.00	28.87 -3.70 0.00	35.24 -4.48 0.00	27.37 -3.44 0.00	28.58 -3.82 0.00	26.04 -3.44 0.00	26.65 -3.34 0.00	20.51 -2.29 0.00	23.02 -2.88 0.00	30.71 -4.29 0.00	45.97 -6.24 0.00	135.13 -17.26 0.00	41.47 -4.71 0.00	38.68 -3.07 0.00	38.04 -2.94 0.00
NGRID_A4_DSASP 323807	58.45 -4.79 0.00	42.11 -3.63 0.00	30.50 -2.60 0.00	35.48 -3.04 0.00	35.92 -2.88 0.00	42.16 -3.51 0.00	47.04 -3.76 0.00	48.42 -4.67 0.00	40.60 -4.18 0.00	32.43 -3.73 0.00	28.87 -3.70 0.00	35.24 -4.48 0.00	27.37 -3.44 0.00	28.58 -3.82 0.00	26.04 -3.44 0.00	26.65 -3.34 0.00	20.51 -2.29 0.00	23.02 -2.88 0.00	30.71 -4.29 0.00	45.97 -6.24 0.00	135.13 -17.26 0.00	41.47 -4.71 0.00	38.68 -3.07 0.00	38.04 -2.94 0.00
NIAGARA_115E_LBMP 323715	58.62 -4.62 0.00	42.26 -3.48 0.00	30.59 -2.51 0.00	35.60 -2.92 0.00	36.04 -2.76 0.00	42.30 -3.36 0.00	47.25 -3.54 0.00	48.53 -4.56 0.00	40.52 -4.26 0.00	32.32 -3.85 0.00	28.77 -3.80 0.00	35.19 -4.52 0.00	27.41 -3.41 0.00	28.61 -3.80 0.00	26.07 -3.41 0.00	26.67 -3.31 0.00	20.52 -2.28 0.00	22.93 -2.97 0.00	30.58 -4.42 0.00	45.87 -6.34 0.00	134.93 -17.46 0.00	41.44 -4.75 0.00	38.65 -3.10 0.00	38.04 -2.94 0.00
NIAGARA_115W_LBMP 323714	58.28 -4.96 0.00	42.00 -3.74 0.00	30.40 -2.69 0.00	35.37 -3.15 0.00	35.81 -2.99 0.00	42.04 -3.62 0.00	46.89 -3.91 0.00	48.28 -4.81 0.00	40.48 -4.30 0.00	32.35 -3.82 0.00	28.78 -3.79 0.00	35.13 -4.59 0.00	27.29 -3.53 0.00	28.50 -3.91 0.00	25.96 -3.53 0.00	26.57 -3.42 0.00	20.44 -2.36 0.00	22.95 -2.95 0.00	30.61 -4.39 0.00	45.82 -6.39 0.00	134.67 -17.72 0.00	41.34 -4.85 0.00	38.56 -3.20 0.00	37.92 -3.06 0.00
NIAGARA_230_LBMP 323716	58.93 -4.30 0.00	42.48 -3.26 0.00	30.76 -2.35 0.00	35.79 -2.73 0.00	36.21 -2.59 0.00	42.49 -3.17 0.00	47.41 -3.39 0.00	48.86 -4.23 0.00	40.95 -3.83 0.00	32.73 -3.44 0.00	29.15 -3.41 0.00	35.61 -4.11 0.00	27.66 -3.15 0.00	28.89 -3.51 0.00	26.33 -3.16 0.00	26.93 -3.05 0.00	20.71 -2.09 0.00	23.25 -2.64 0.00	31.05 -3.96 0.00	46.49 -5.72 0.00	136.61 -15.77 0.00	41.90 -4.28 0.00	38.98 -2.77 0.00	38.34 -2.64 0.00
NIAGARA___115KV_198_GIBSON 55903	58.29 -4.96 0.00	42.00 -3.74 0.00	30.40 -2.69 0.00	35.37 -3.15 0.00	35.81 -2.99 0.00	42.03 -3.63 0.00	46.89 -3.91 0.00	48.28 -4.81 0.00	40.49 -4.28 0.00	32.34 -3.83 0.00	28.78 -3.78 0.00	35.14 -4.58 0.00	27.29 -3.53 0.00	28.50 -3.91 0.00	25.96 -3.53 0.00	26.57 -3.42 0.00	20.43 -2.37 0.00	22.93 -2.97 0.00	30.61 -4.39 0.00	45.81 -6.39 0.00	134.56 -17.83 0.00	41.35 -4.84 0.00	38.56 -3.20 0.00	37.92 -3.06 0.00
NIAGARA____ 23760	58.93 -4.30 0.00	42.48 -3.26 0.00	30.76 -2.35 0.00	35.79 -2.73 0.00	36.21 -2.59 0.00	42.49 -3.17 0.00	47.41 -3.39 0.00	48.86 -4.23 0.00	40.95 -3.83 0.00	32.73 -3.44 0.00	29.15 -3.41 0.00	35.61 -4.11 0.00	27.66 -3.15 0.00	28.89 -3.51 0.00	26.33 -3.16 0.00	26.93 -3.05 0.00	20.71 -2.09 0.00	23.25 -2.64 0.00	31.05 -3.96 0.00	46.49 -5.72 0.00	136.61 -15.77 0.00	41.90 -4.28 0.00	38.98 -2.77 0.00	38.34 -2.64 0.00
NINE_MILE_1 23575	61.48 -1.76 0.00	44.43 -1.31 0.00	32.15 -0.95 0.00	37.42 -1.10 0.00	37.71 -1.09 0.00	44.37 -1.30 0.00	49.42 -1.38 0.00	51.59 -1.51 0.00	43.43 -1.35 0.00	35.02 -1.15 0.00	31.52 -1.05 0.00	38.42 -1.30 0.00	29.80 -1.02 0.00	31.32 -1.09 0.00	28.49 -0.99 0.00	28.97 -1.01 0.00	22.05 -0.75 0.00	25.06 -0.84 0.00	33.92 -1.08 0.00	50.67 -1.54 0.00	148.07 -4.31 0.00	44.87 -1.31 0.00	40.64 -1.12 0.00	39.88 -1.10 0.00
NINE_MILE_2 23744	61.49 -1.75 0.00	44.43 -1.31 0.00	32.15 -0.94 0.00	37.43 -1.09 0.00	37.72 -1.09 0.00	44.37 -1.29 0.00	49.43 -1.37 0.00	51.61 -1.48 0.00	43.43 -1.34 0.00	35.02 -1.15 0.00	31.52 -1.05 0.00	38.43 -1.30 0.00	29.80 -1.01 0.00	31.32 -1.09 0.00	28.50 -0.98 0.00	28.98 -1.00 0.00	22.06 -0.75 0.00	25.07 -0.83 0.00	33.92 -1.08 0.00	50.67 -1.54 0.00	148.09 -4.30 0.00	44.88 -1.31 0.00	40.64 -1.12 0.00	39.88 -1.10 0.00
NM_CAPITAL___DRP 24208	63.62 0.38 0.00	46.08 0.34 0.00	33.42 0.32 0.00	38.90 0.38 0.00	39.18 0.38 0.00	46.01 0.35 0.00	51.23 0.44 0.00	53.56 0.47 0.00	45.39 0.62 0.00	36.88 0.71 0.00	33.33 0.76 0.00	40.70 0.97 0.00	31.64 0.82 0.00	33.37 0.97 0.00	30.39 0.91 0.00	30.90 0.92 0.00	23.43 0.63 0.00	26.55 0.65 0.00	35.79 0.79 0.00	53.05 0.84 0.00	154.34 1.96 0.00	46.70 0.51 0.00	42.24 0.49 0.00	41.40 0.42 0.00

NM_CENTRAL___DRP 24181	62.53 -0.71 0.00	45.16 -0.59 0.00	32.68 -0.43 0.00	38.05 -0.47 0.00	38.33 -0.47 0.00	45.11 -0.55 0.00	50.28 -0.52 0.00	52.49 -0.60 0.00	44.14 -0.63 0.00	35.53 -0.64 0.00	31.98 -0.59 0.00	38.99 -0.73 0.00	30.25 -0.57 0.00	31.77 -0.64 0.00	28.93 -0.56 0.00	29.40 -0.58 0.00	22.39 -0.42 0.00	25.47 -0.43 0.00	34.48 -0.52 0.00	51.55 -0.66 0.00	150.75 -1.64 0.00	45.69 -0.49 0.00	41.37 -0.38 0.00	40.62 -0.37 0.00
NM_FRONTIER___DRP 24179	58.29 -4.96 0.00	42.00 -3.74 0.00	30.40 -2.69 0.00	35.37 -3.15 0.00	35.81 -2.99 0.00	42.03 -3.63 0.00	46.89 -3.91 0.00	48.28 -4.81 0.00	40.49 -4.28 0.00	32.34 -3.83 0.00	28.78 -3.78 0.00	35.14 -4.58 0.00	27.29 -3.53 0.00	28.50 -3.91 0.00	25.96 -3.53 0.00	26.57 -3.42 0.00	20.43 -2.37 0.00	22.93 -2.97 0.00	30.61 -4.39 0.00	45.81 -6.39 0.00	134.56 -17.83 0.00	41.35 -4.84 0.00	38.56 -3.20 0.00	37.92 -3.06 0.00
NM_ST_REGIS___HYD 24053	64.19 0.95 0.00	46.43 0.69 0.00	33.50 0.41 0.00	38.90 0.38 0.00	39.24 0.44 0.00	46.23 0.57 0.00	51.07 0.27 0.00	53.63 0.54 0.00	45.14 0.36 0.00	36.36 0.19 0.00	32.40 -0.17 0.00	39.28 -0.44 0.00	30.30 -0.52 0.00	31.75 -0.66 0.00	28.77 -0.71 0.00	29.23 -0.75 0.00	22.39 -0.42 0.00	25.61 -0.29 0.00	34.79 -0.21 0.00	52.25 0.05 0.00	152.86 0.48 0.00	46.16 -0.03 0.00	41.59 -0.16 0.00	40.74 -0.24 0.00
NORTHPORT___1 23551	64.32 1.08 0.00	46.39 0.65 0.00	33.78 0.68 0.00	39.47 0.95 0.00	39.43 0.63 0.00	46.61 0.95 0.00	51.51 0.71 0.00	53.92 0.87 0.05	45.80 1.03 0.00	37.35 1.20 0.01	34.45 1.89 0.00	41.92 2.20 0.00	32.29 1.68 0.20	33.96 1.73 0.16	31.00 1.73 0.22	31.46 1.59 0.11	23.24 1.37 0.93	26.52 1.24 0.62	36.40 1.43 0.03	54.27 2.06 0.00	156.28 4.90 1.00	48.08 1.89 0.00	42.93 1.18 0.00	42.12 1.14 0.00
NORTHPORT___2 23552	64.32 1.08 0.00	46.39 0.65 0.00	33.78 0.68 0.00	39.47 0.95 0.00	39.43 0.63 0.00	46.61 0.95 0.00	51.51 0.71 0.00	53.92 0.87 0.05	45.80 1.03 0.00	37.35 1.20 0.01	34.45 1.89 0.00	41.92 2.20 0.00	32.29 1.68 0.20	33.96 1.73 0.16	31.00 1.73 0.22	31.46 1.59 0.11	23.24 1.37 0.93	26.52 1.24 0.62	36.40 1.43 0.03	54.27 2.06 0.00	156.28 4.90 1.00	48.08 1.89 0.00	42.93 1.18 0.00	42.12 1.14 0.00
NORTHPORT___3 23553	63.66 0.42 0.00	45.92 0.18 0.00	33.38 0.28 0.00	38.99 0.47 0.00	38.96 0.16 0.00	46.08 0.42 0.00	51.00 0.21 0.00	53.40 0.36 0.05	45.38 0.60 0.00	36.96 0.80 0.01	34.05 1.49 0.00	41.40 1.67 0.00	31.92 1.31 0.20	33.67 1.43 0.16	30.70 1.44 0.22	31.13 1.27 0.11	22.99 1.12 0.93	26.25 0.97 0.62	36.05 1.08 0.03	53.71 1.50 0.00	154.63 3.30 1.06	47.47 1.29 0.00	42.44 0.68 0.00	41.57 0.59 0.00
NORTHPORT___4 23650	63.66 0.42 0.00	45.92 0.18 0.00	33.38 0.28 0.00	38.99 0.47 0.00	38.96 0.16 0.00	46.08 0.42 0.00	51.00 0.21 0.00	53.40 0.36 0.05	45.38 0.60 0.00	36.96 0.80 0.01	34.05 1.49 0.00	41.40 1.67 0.00	31.92 1.31 0.20	33.67 1.43 0.16	30.70 1.44 0.22	31.13 1.27 0.11	22.99 1.12 0.93	26.25 0.97 0.62	36.05 1.08 0.03	53.71 1.50 0.00	154.63 3.30 1.06	47.47 1.29 0.00	42.44 0.68 0.00	41.57 0.59 0.00
NORTHPORT___IC 23718	64.32 1.08 0.00	46.39 0.65 0.00	33.78 0.68 0.00	39.47 0.95 0.00	39.43 0.63 0.00	46.60 0.94 0.00	51.52 0.72 0.00	53.92 0.87 0.05	45.80 1.03 0.00	37.35 1.20 0.01	34.45 1.89 0.00	41.93 2.21 0.00	32.29 1.68 0.20	33.96 1.72 0.16	30.99 1.72 0.22	31.46 1.59 0.11	23.25 1.37 0.93	26.53 1.24 0.62	36.40 1.43 0.03	54.27 2.07 0.00	156.39 5.00 1.00	48.08 1.89 0.00	42.93 1.18 0.00	42.11 1.13 0.00
NORTH___COUNTRY_ESR 323785	64.93 1.69 0.00	47.07 1.32 0.00	34.03 0.93 0.00	39.46 0.94 0.00	39.79 0.99 0.00	46.83 1.17 0.00	51.93 1.13 0.00	54.25 1.15 0.00	45.82 1.04 0.00	36.95 0.78 0.00	33.00 0.44 0.00	40.07 0.35 0.00	30.93 0.11 0.00	32.42 0.01 0.00	29.33 -0.15 0.00	29.78 -0.20 0.00	22.79 -0.01 0.00	26.03 0.13 0.00	35.34 0.33 0.00	52.95 0.75 0.00	154.90 2.52 0.00	46.66 0.48 0.00	41.81 0.05 0.00	40.87 -0.11 0.00
NPX_GEN_1385_PROXY 323591	64.53 1.29 0.00	46.56 0.81 0.00	33.90 0.80 0.00	39.62 1.10 0.00	39.57 0.77 0.00	46.77 1.11 0.00	51.70 0.90 0.00	54.11 1.07 0.05	45.96 1.19 0.00	37.58 1.42 0.01	34.90 2.33 0.00	42.66 2.94 0.00	32.62 2.00 0.20	34.09 1.85 0.16	31.31 2.05 0.22	31.78 1.91 0.11	23.48 1.61 0.93	26.61 1.33 0.62	36.51 1.54 0.03	54.41 2.20 0.00	155.70 4.32 1.00	48.38 2.19 0.00	42.79 1.04 0.00	41.77 0.79 0.00
NPX_GEN_CSC 323557	64.90 1.66 0.00	46.76 1.02 0.00	33.99 0.89 0.00	39.65 1.13 0.00	39.63 0.83 0.00	46.90 1.24 0.00	51.90 1.11 0.00	54.43 1.39 0.05	46.28 1.50 0.00	37.73 1.57 0.01	34.52 1.95 0.00	41.76 2.04 0.00	32.20 1.59 0.20	34.06 1.82 0.16	31.17 1.91 0.22	31.66 1.79 0.11	23.55 1.67 0.93	26.93 1.64 0.62	37.00 2.03 0.03	55.28 3.07 0.00	159.33 7.98 1.03	48.96 2.78 0.00	43.71 1.96 0.00	42.87 1.90 0.00
NSINS_S___GLNS_FALLS 23858	66.23 2.99 0.00	47.84 2.09 0.00	34.50 1.40 0.00	40.24 1.72 0.00	40.57 1.77 0.00	47.69 2.03 0.00	53.24 2.44 0.00	55.57 2.48 0.00	47.10 2.32 0.00	38.15 1.99 0.00	34.38 1.81 0.00	41.97 2.25 0.00	32.47 1.65 0.00	34.12 1.72 0.00	31.02 1.54 0.00	31.53 1.54 0.00	23.85 1.05 0.00	27.13 1.23 0.00	36.75 1.75 0.00	54.78 2.57 0.00	159.94 7.56 0.00	48.42 2.24 0.00	43.73 1.97 0.00	42.90 1.92 0.00
NUCOR_STEEL___DRP 24197	63.26 0.02 0.00	45.75 0.01 0.00	33.13 0.03 0.00	38.42 -0.10 0.00	38.84 0.04 0.00	45.74 0.08 0.00	51.01 0.22 0.00	53.24 0.15 0.00	44.48 -0.29 0.00	35.77 -0.40 0.00	32.16 -0.40 0.00	39.20 -0.52 0.00	30.30 -0.52 0.00	31.89 -0.52 0.00	29.04 -0.45 0.00	29.54 -0.44 0.00	22.51 -0.30 0.00	25.52 -0.38 0.00	34.75 -0.25 0.00	51.95 -0.26 0.00	152.50 0.12 0.00	46.31 0.13 0.00	41.95 0.20 0.00	41.21 0.22 0.00
NUMBER_THREE_WT_PWR 323818	64.42 1.18 0.00	46.30 0.55 0.00	33.13 0.03 0.00	38.59 0.07 0.00	38.88 0.08 0.00	46.18 0.52 0.00	51.62 0.82 0.00	54.06 0.97 0.00	45.16 0.39 0.00	36.15 -0.02 0.00	32.29 -0.27 0.00	39.05 -0.66 0.00	30.06 -0.76 0.00	31.51 -0.89 0.00	28.56 -0.93 0.00	28.95 -1.04 0.00	22.12 -0.68 0.00	25.44 -0.46 0.00	34.90 -0.10 0.00	52.52 0.31 0.00	152.80 0.41 0.00	45.90 -0.28 0.00	41.35 -0.40 0.00	40.55 -0.43 0.00
NYISO_LBMP_REFERENCE 24008	63.24 0.00 0.00	45.74 0.00 0.00	33.10 0.00 0.00	38.52 0.00 0.00	38.80 0.00 0.00	45.66 0.00 0.00	50.80 0.00 0.00	53.09 0.00 0.00	44.77 0.00 0.00	36.17 0.00 0.00	32.57 0.00 0.00	39.72 0.00 0.00	30.82 0.00 0.00	32.40 0.00 0.00	29.48 0.00 0.00	29.98 0.00 0.00	22.80 0.00 0.00	25.90 0.00 0.00	35.00 0.00 0.00	52.21 0.00 0.00	152.39 0.00 0.00	46.18 0.00 0.00	41.75 0.00 0.00	40.98 0.00 0.00

NYPA_BRENTWD____GT 24164	65.12 1.88 0.00	46.96 1.21 0.00	34.13 1.03 0.00	39.84 1.32 0.00	39.82 1.02 0.00	47.09 1.43 0.00	52.11 1.32 0.00	54.60 1.56 0.05	46.38 1.61 0.00	37.81 1.66 0.01	34.70 2.13 0.00	42.13 2.40 0.00	32.48 1.86 0.20	34.21 1.97 0.16	31.23 1.97 0.22	31.74 1.87 0.11	23.52 1.64 0.93	26.87 1.58 0.62	36.88 1.91 0.03	55.03 2.82 0.00	158.65 7.25 0.99	48.74 2.56 0.00	43.54 1.79 0.00	42.72 1.74 0.00
NYPA_GOWANUS____GT5 24156	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NYPA_GOWANUS____GT6 24157	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.98 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.88 2.93 -1.86	53.45 2.71 -5.96	52.19 2.34 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.18 2.38 -20.31	52.16 2.39 -19.78	54.79 1.76 -30.22	54.51 1.81 -26.80	55.41 2.42 -17.99	57.84 3.40 -2.24	179.61 9.23 -18.00	60.40 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71
NYPA_HARLEM__RVR__GT1 24160	66.08 2.83 -0.01	47.72 1.96 -0.01	34.49 1.39 0.00	40.17 1.65 0.00	40.38 1.58 0.00	47.73 2.07 0.00	53.01 2.22 0.01	55.59 2.50 0.00	47.15 2.37 0.00	38.39 2.05 -0.17	34.67 2.10 0.00	42.35 2.63 0.00	35.80 2.16 -2.82	37.02 2.31 -2.30	34.95 2.17 -3.30	33.74 2.16 -1.60	43.32 1.62 -18.89	41.71 1.65 -14.16	37.98 2.14 -0.84	55.19 2.98 0.00	160.64 8.25 0.00	48.91 2.68 -0.05	44.05 2.28 -0.01	43.22 2.22 -0.02
NYPA_HARLEM__RVR__GT2 24161	66.08 2.83 -0.01	47.72 1.96 -0.01	34.49 1.39 0.00	40.17 1.65 0.00	40.38 1.58 0.00	47.73 2.07 0.00	53.01 2.22 0.01	55.59 2.50 0.00	47.15 2.37 0.00	38.39 2.05 -0.17	34.67 2.10 0.00	42.35 2.63 0.00	35.80 2.16 -2.82	37.02 2.31 -2.30	34.95 2.17 -3.30	33.74 2.16 -1.60	43.32 1.62 -18.89	41.71 1.65 -14.16	37.98 2.14 -0.84	55.19 2.98 0.00	160.64 8.25 0.00	48.91 2.68 -0.05	44.05 2.28 -0.01	43.22 2.22 -0.02
NYPA_KENT____GT 24152	66.19 2.95 0.00	50.58 2.07 -2.77	44.32 1.54 -9.68	46.52 1.83 -6.17	46.60 1.75 -6.05	49.86 2.28 -1.93	54.53 2.54 -1.20	57.00 2.82 -1.09	50.87 2.60 -3.49	46.53 2.25 -8.10	44.95 2.30 -10.09	48.18 2.86 -5.60	45.68 2.33 -12.54	46.14 2.48 -11.26	45.26 2.31 -13.47	44.70 2.32 -12.40	51.26 1.73 -26.72	50.01 1.77 -22.35	48.24 2.32 -10.92	56.77 3.25 -1.31	171.77 8.83 -10.55	55.66 2.91 -6.56	53.29 2.52 -9.02	48.54 2.45 -5.11
NYPA_POUCH1____GT 24155	66.06 2.82 0.00	52.54 2.08 -4.72	51.18 1.57 -16.51	50.91 1.86 -10.53	50.91 1.79 -10.33	51.26 2.31 -3.29	55.38 2.54 -2.04	57.76 2.81 -1.86	53.33 2.59 -5.96	52.10 2.25 -13.68	52.07 2.30 -17.21	52.11 2.84 -9.55	52.08 2.31 -18.96	52.08 2.45 -17.23	52.08 2.28 -20.31	52.08 2.31 -19.78	52.16 1.66 -27.69	52.99 1.70 -25.38	55.25 2.31 -17.94	57.68 3.23 -2.24	179.03 8.64 -18.00	60.26 2.91 -11.17	59.67 2.53 -15.37	52.17 2.48 -8.71
NYPA_VERNON____GT2 24162	66.09 2.85 0.00	48.52 1.96 -0.81	37.39 1.45 -2.84	42.06 1.73 -1.81	42.23 1.65 -1.78	48.39 2.16 -0.57	53.56 2.41 -0.35	56.11 2.70 -0.32	48.29 2.49 -1.03	40.85 2.16 -2.52	37.74 2.21 -2.97	44.13 2.77 -1.64	39.18 2.24 -6.12	40.09 2.40 -5.29	38.35 2.24 -6.63	37.25 2.24 -5.03	47.72 1.69 -23.22	45.53 1.73 -17.90	41.07 2.22 -3.85	55.71 3.11 -0.38	163.93 8.45 -3.10	50.92 2.79 -1.95	46.81 2.40 -2.66	44.84 2.34 -1.51
NYPA_VERNON____GT3 24163	66.09 2.85 0.00	48.52 1.96 -0.81	37.39 1.45 -2.84	42.06 1.73 -1.81	42.23 1.65 -1.78	48.39 2.16 -0.57	53.56 2.41 -0.35	56.11 2.70 -0.32	48.29 2.49 -1.03	40.85 2.16 -2.52	37.74 2.21 -2.97	44.13 2.77 -1.64	39.18 2.24 -6.12	40.09 2.40 -5.29	38.35 2.24 -6.63	37.25 2.24 -5.03	47.72 1.69 -23.22	45.53 1.73 -17.90	41.07 2.22 -3.85	55.71 3.11 -0.38	163.93 8.45 -3.10	50.92 2.79 -1.95	46.81 2.40 -2.66	44.84 2.34 -1.51
NYPA__ASTORIA_CC1 323568	66.03 2.79 0.00	47.67 1.93 -0.01	34.53 1.43 0.00	40.21 1.69 0.00	40.42 1.62 0.00	47.79 2.13 0.00	53.15 2.35 0.00	55.73 2.63 0.00	47.21 2.44 0.00	38.50 2.13 -0.21	34.76 2.18 -0.01	42.45 2.73 0.00	36.49 2.22 -3.45	37.59 2.37 -2.81	35.49 2.22 -3.79	34.15 2.21 -1.96	46.24 1.67 -21.76	43.66 1.70 -16.06	38.09 2.18 -0.91	55.26 3.05 0.00	160.67 8.28 0.00	48.97 2.75 -0.04	44.13 2.36 -0.01	43.29 2.30 -0.02
NYPA__ASTORIA_CC2 323569	66.03 2.79 0.00	47.67 1.93 -0.01	34.53 1.43 0.00	40.21 1.69 0.00	40.42 1.62 0.00	47.79 2.13 0.00	53.15 2.35 0.00	55.73 2.63 0.00	47.21 2.44 0.00	38.50 2.13 -0.21	34.76 2.18 -0.01	42.45 2.73 0.00	36.49 2.22 -3.45	37.59 2.37 -2.81	35.49 2.22 -3.79	34.15 2.21 -1.96	46.24 1.67 -21.76	43.66 1.70 -16.06	38.09 2.18 -0.91	55.26 3.05 0.00	160.67 8.28 0.00	48.97 2.75 -0.04	44.13 2.36 -0.01	43.29 2.30 -0.02
NYPA__HOLTSVILL 23794	64.63 1.39 0.00	46.61 0.87 0.00	33.89 0.79 0.00	39.54 1.02 0.00	39.52 0.72 0.00	46.76 1.10 0.00	51.74 0.94 0.00	54.21 1.17 0.05	46.08 1.31 0.00	37.56 1.40 0.01	34.43 1.87 0.00	41.76 2.04 0.00	32.20 1.59 0.20	33.99 1.75 0.16	31.05 1.79 0.22	31.54 1.67 0.11	23.39 1.52 0.93	26.72 1.44 0.62	36.69 1.72 0.03	54.75 2.55 0.00	157.76 6.41 1.04	48.50 2.32 0.00	43.32 1.57 0.00	42.54 1.56 0.00
NYPA__HELLGATE_GT1 24158	66.07 2.83 0.00	47.71 1.96 -0.01	34.49 1.39 0.00	40.17 1.65 0.00	40.38 1.58 0.00	47.73 2.07 0.00	53.01 2.22 0.01	55.59 2.50 0.00	47.15 2.37 0.00	38.39 2.05 -0.17	34.67 2.10 0.00	42.35 2.63 0.00	35.80 2.16 -2.82	37.02 2.31 -2.30	34.55 2.17 -2.90	33.74 2.16 -1.60	43.32 1.62 -18.89	41.71 1.65 -14.16	37.89 2.14 -0.75	55.19 2.98 0.00	160.63 8.24 0.00	48.82 2.64 0.00	44.01 2.26 0.01	43.20 2.22 0.00
NYPA__HELLGATE_GT2 24159	66.07 2.83 0.00	47.71 1.96 -0.01	34.49 1.39 0.00	40.17 1.65 0.00	40.38 1.58 0.00	47.73 2.07 0.00	53.01 2.22 0.01	55.59 2.50 0.00	47.15 2.37 0.00	38.39 2.05 -0.17	34.67 2.10 0.00	42.35 2.63 0.00	35.80 2.16 -2.82	37.02 2.31 -2.30	34.55 2.17 -2.90	33.74 2.16 -1.60	43.32 1.62 -18.89	41.71 1.65 -14.16	37.89 2.14 -0.75	55.19 2.98 0.00	160.63 8.24 0.00	48.82 2.64 0.00	44.01 2.26 0.01	43.20 2.22 0.00
NYS_BARGE__HYD 23848	59.54 -3.70 0.00	42.90 -2.85 0.00	31.05 -2.05 0.00	36.14 -2.39 0.00	36.57 -2.23 0.00	42.92 -2.73 0.00	47.97 -2.83 0.00	49.33 -3.76 0.00	41.17 -3.61 0.00	32.80 -3.37 0.00	29.20 -3.37 0.00	35.68 -4.04 0.00	27.76 -3.05 0.00	28.99 -3.42 0.00	26.41 -3.08 0.00	27.01 -2.98 0.00	20.78 -2.03 0.00	23.29 -2.61 0.00	31.16 -3.85 0.00	46.83 -5.38 0.00	137.74 -14.65 0.00	42.26 -3.93 0.00	39.33 -2.43 0.00	38.68 -2.31 0.00

OAK ORCHARD___HYD 24046	61.53 -1.72 0.00	44.38 -1.36 0.00	32.11 -0.99 0.00	37.37 -1.15 0.00	37.73 -1.07 0.00	44.35 -1.31 0.00	49.50 -1.29 0.00	51.35 -1.74 0.00	43.00 -1.78 0.00	34.45 -1.71 0.00	30.85 -1.72 0.00	37.60 -2.12 0.00	29.16 -1.65 0.00	30.55 -1.85 0.00	27.82 -1.67 0.00	28.36 -1.63 0.00	21.72 -1.09 0.00	24.62 -1.28 0.00	33.23 -1.77 0.00	49.87 -2.34 0.00	146.12 -6.26 0.00	44.47 -1.71 0.00	40.69 -1.07 0.00	39.94 -1.04 0.00
OAKDALE___35_KV_LOAD 356122	63.30 0.05 0.00	45.67 -0.07 0.00	33.07 -0.03 0.00	38.53 0.00 0.00	38.82 0.02 0.00	45.63 -0.03 0.00	50.86 0.07 0.00	53.17 0.07 0.00	44.68 -0.09 0.00	35.92 -0.24 0.00	32.43 -0.14 0.00	39.56 -0.16 0.00	30.69 -0.12 0.00	32.22 -0.19 0.00	29.39 -0.10 0.00	29.82 -0.16 0.00	22.71 -0.10 0.00	25.81 -0.09 0.00	34.85 -0.15 0.00	52.15 -0.06 0.00	152.85 0.46 0.00	46.33 0.15 0.00	41.99 0.24 0.00	41.34 0.36 0.00
OCC_CHEM___DRP 24175	58.45 -4.79 0.00	42.11 -3.63 0.00	30.50 -2.60 0.00	35.48 -3.04 0.00	35.92 -2.88 0.00	42.15 -3.51 0.00	47.04 -3.76 0.00	48.42 -4.67 0.00	40.60 -4.17 0.00	32.43 -3.74 0.00	28.86 -3.70 0.00	35.24 -4.48 0.00	27.38 -3.44 0.00	28.57 -3.83 0.00	26.04 -3.45 0.00	26.65 -3.34 0.00	20.50 -2.31 0.00	23.00 -2.90 0.00	30.71 -4.30 0.00	45.96 -6.24 0.00	135.01 -17.37 0.00	41.48 -4.70 0.00	38.68 -3.08 0.00	38.04 -2.94 0.00
OH_GEN_PROXY 24063	59.05 -4.19 0.00	42.56 -3.18 0.00	30.82 -2.28 0.00	35.86 -2.66 0.00	36.28 -2.52 0.00	42.56 -3.10 0.00	47.51 -3.29 0.00	49.01 -4.08 0.00	41.07 -3.70 0.00	32.84 -3.32 0.00	29.27 -3.30 0.00	35.76 -3.96 0.00	27.77 -3.05 0.00	29.00 -3.41 0.00	26.43 -3.06 0.00	27.03 -2.95 0.00	20.78 -2.02 0.00	23.35 -2.55 0.00	31.19 -3.81 0.00	46.71 -5.49 0.00	137.29 -15.10 0.00	42.08 -4.11 0.00	39.08 -2.68 0.00	38.43 -2.55 0.00
OLIN_CORP_DRP 24177	58.72 -4.52 0.00	42.33 -3.41 0.00	30.64 -2.46 0.00	35.64 -2.88 0.00	36.09 -2.71 0.00	42.36 -3.30 0.00	47.32 -3.47 0.00	48.62 -4.47 0.00	40.62 -4.16 0.00	32.39 -3.77 0.00	28.84 -3.73 0.00	35.28 -4.44 0.00	27.46 -3.36 0.00	28.66 -3.74 0.00	26.12 -3.36 0.00	26.72 -3.26 0.00	20.55 -2.26 0.00	22.98 -2.92 0.00	30.66 -4.34 0.00	46.00 -6.21 0.00	135.18 -17.20 0.00	41.55 -4.64 0.00	38.74 -3.02 0.00	38.11 -2.87 0.00
OLIN_CORP_DSASP 323712	58.45 -4.79 0.00	42.11 -3.63 0.00	30.50 -2.60 0.00	35.48 -3.04 0.00	35.92 -2.88 0.00	42.16 -3.51 0.00	47.04 -3.76 0.00	48.42 -4.67 0.00	40.60 -4.18 0.00	32.43 -3.73 0.00	28.87 -3.70 0.00	35.24 -4.48 0.00	27.37 -3.44 0.00	28.58 -3.82 0.00	26.04 -3.44 0.00	26.65 -3.34 0.00	20.51 -2.29 0.00	23.02 -2.88 0.00	30.71 -4.29 0.00	45.97 -6.24 0.00	135.13 -17.26 0.00	41.47 -4.71 0.00	38.68 -3.07 0.00	38.04 -2.94 0.00
ONEIDA_HERK_LFGE 323681	64.49 1.25 0.00	46.49 0.75 0.00	33.48 0.38 0.00	38.98 0.47 0.00	39.26 0.46 0.00	46.41 0.75 0.00	51.77 0.98 0.00	54.16 1.06 0.00	45.49 0.72 0.00	36.56 0.39 0.00	32.82 0.25 0.00	39.84 0.12 0.00	30.78 -0.04 0.00	32.32 -0.09 0.00	29.34 -0.14 0.00	29.77 -0.22 0.00	22.70 -0.10 0.00	25.96 0.06 0.00	35.42 0.42 0.00	53.13 0.92 0.00	154.98 2.60 0.00	46.76 0.57 0.00	42.18 0.42 0.00	41.34 0.36 0.00
ONEIDA___115KV_TB4 55905	64.51 1.26 0.00	46.56 0.82 0.00	33.64 0.54 0.00	39.17 0.65 0.00	39.44 0.64 0.00	46.48 0.82 0.00	51.85 1.05 0.00	54.17 1.08 0.00	45.58 0.80 0.00	36.65 0.48 0.00	32.92 0.35 0.00	40.00 0.28 0.00	30.98 0.16 0.00	32.55 0.14 0.00	29.60 0.11 0.00	30.03 0.05 0.00	22.85 0.05 0.00	26.09 0.19 0.00	35.52 0.52 0.00	53.38 1.17 0.00	156.14 3.76 0.00	47.23 1.04 0.00	42.63 0.88 0.00	41.80 0.82 0.00
ONONDAGA_REF_OCCRA 23987	62.95 -0.29 0.00	45.45 -0.29 0.00	32.88 -0.22 0.00	38.29 -0.23 0.00	38.58 -0.22 0.00	45.39 -0.26 0.00	50.61 -0.19 0.00	52.84 -0.25 0.00	44.43 -0.34 0.00	35.75 -0.42 0.00	32.16 -0.40 0.00	39.20 -0.52 0.00	30.41 -0.40 0.00	31.94 -0.46 0.00	29.08 -0.41 0.00	29.55 -0.43 0.00	22.50 -0.31 0.00	25.60 -0.30 0.00	34.70 -0.31 0.00	51.90 -0.31 0.00	151.87 -0.51 0.00	46.02 -0.16 0.00	41.66 -0.10 0.00	40.90 -0.08 0.00
ONONDAGA___COGEN 23986	62.87 -0.37 0.00	45.42 -0.32 0.00	32.86 -0.23 0.00	38.25 -0.27 0.00	38.55 -0.25 0.00	45.37 -0.28 0.00	50.58 -0.22 0.00	52.81 -0.28 0.00	44.36 -0.41 0.00	35.71 -0.46 0.00	32.13 -0.44 0.00	39.16 -0.56 0.00	30.37 -0.44 0.00	31.91 -0.49 0.00	29.05 -0.44 0.00	29.52 -0.46 0.00	22.49 -0.32 0.00	25.58 -0.32 0.00	34.67 -0.33 0.00	51.80 -0.40 0.00	151.57 -0.81 0.00	45.94 -0.24 0.00	41.58 -0.17 0.00	40.84 -0.14 0.00
ONTARIO___LFGE 23819	62.97 -0.27 0.00	45.53 -0.21 0.00	32.97 -0.13 0.00	38.41 -0.11 0.00	38.74 -0.06 0.00	45.56 -0.10 0.00	50.82 0.02 0.00	53.01 -0.09 0.00	44.31 -0.47 0.00	35.32 -0.85 0.00	31.69 -0.88 0.00	38.63 -1.09 0.00	29.97 -0.85 0.00	31.40 -1.00 0.00	28.63 -0.86 0.00	29.06 -0.92 0.00	22.21 -0.60 0.00	25.28 -0.62 0.00	34.38 -0.62 0.00	51.75 -0.46 0.00	151.59 -0.79 0.00	46.16 -0.03 0.00	41.97 0.21 0.00	41.28 0.30 0.00
ORANGEVILLE_WT_PWR 323706	60.89 -2.35 0.00	43.82 -1.93 0.00	31.75 -1.35 0.00	36.98 -1.54 0.00	37.37 -1.42 0.00	43.81 -1.85 0.00	48.96 -1.84 0.00	50.66 -2.43 0.00	42.20 -2.58 0.00	33.44 -2.73 0.00	29.95 -2.61 0.00	36.56 -3.16 0.00	28.48 -2.34 0.00	29.76 -2.64 0.00	27.12 -2.37 0.00	27.62 -2.37 0.00	21.18 -1.63 0.00	23.97 -1.93 0.00	32.40 -2.60 0.00	48.96 -3.24 0.00	144.27 -8.11 0.00	44.09 -2.09 0.00	40.68 -1.08 0.00	40.08 -0.90 0.00
ORANGEVILLE___ESR 323794	60.89 -2.35 0.00	43.82 -1.93 0.00	31.75 -1.35 0.00	36.98 -1.54 0.00	37.37 -1.42 0.00	43.81 -1.85 0.00	48.96 -1.84 0.00	50.66 -2.43 0.00	42.20 -2.58 0.00	33.44 -2.73 0.00	29.95 -2.61 0.00	36.56 -3.16 0.00	28.48 -2.34 0.00	29.76 -2.64 0.00	27.12 -2.37 0.00	27.62 -2.37 0.00	21.18 -1.63 0.00	23.97 -1.93 0.00	32.40 -2.60 0.00	48.96 -3.24 0.00	144.27 -8.11 0.00	44.09 -2.09 0.00	40.68 -1.08 0.00	40.08 -0.90 0.00
OSWEGATCHIE___HYD 24044	63.66 0.41 0.00	45.88 0.14 0.00	32.97 -0.13 0.00	38.35 -0.17 0.00	38.65 -0.14 0.00	45.75 0.09 0.00	50.81 0.01 0.00	53.31 0.22 0.00	44.63 -0.15 0.00	35.79 -0.37 0.00	31.91 -0.65 0.00	38.65 -1.07 0.00	29.79 -1.03 0.00	31.22 -1.18 0.00	28.30 -1.18 0.00	28.74 -1.25 0.00	22.00 -0.80 0.00	25.24 -0.66 0.00	34.44 -0.56 0.00	51.88 -0.33 0.00	151.38 -1.01 0.00	45.61 -0.58 0.00	41.14 -0.62 0.00	40.31 -0.67 0.00
OSWEGO___5 23606	61.87 -1.37 0.00	44.71 -1.03 0.00	32.36 -0.74 0.00	37.66 -0.86 0.00	37.95 -0.85 0.00	44.65 -1.01 0.00	49.74 -1.06 0.00	51.93 -1.16 0.00	43.70 -1.08 0.00	35.22 -0.94 0.00	31.69 -0.88 0.00	38.64 -1.09 0.00	29.97 -0.85 0.00	31.49 -0.92 0.00	28.66 -0.82 0.00	29.14 -0.85 0.00	22.18 -0.63 0.00	25.21 -0.69 0.00	34.12 -0.88 0.00	50.98 -1.23 0.00	149.00 -3.38 0.00	45.16 -1.02 0.00	40.89 -0.86 0.00	40.15 -0.83 0.00

OSWEGO___6 23613	61.87 -1.37 0.00	44.71 -1.03 0.00	32.36 -0.74 0.00	37.66 -0.86 0.00	37.95 -0.85 0.00	44.65 -1.01 0.00	49.74 -1.06 0.00	51.93 -1.16 0.00	43.70 -1.08 0.00	35.22 -0.94 0.00	31.69 -0.88 0.00	38.64 -1.09 0.00	29.97 -0.85 0.00	31.49 -0.92 0.00	28.66 -0.82 0.00	29.14 -0.85 0.00	22.18 -0.63 0.00	25.21 -0.69 0.00	34.12 -0.88 0.00	50.98 -1.23 0.00	149.00 -3.38 0.00	45.16 -1.02 0.00	40.89 -0.86 0.00	40.15 -0.83 0.00
OUTOKUMPU-AB___DRP 24206	59.95 -3.29 0.00	43.16 -2.58 0.00	31.25 -1.85 0.00	36.37 -2.16 0.00	36.80 -2.00 0.00	43.19 -2.47 0.00	48.23 -2.56 0.00	49.71 -3.39 0.00	41.59 -3.19 0.00	33.15 -3.02 0.00	29.52 -3.04 0.00	36.07 -3.65 0.00	28.03 -2.78 0.00	29.27 -3.14 0.00	26.67 -2.82 0.00	27.27 -2.71 0.00	20.97 -1.83 0.00	23.54 -2.35 0.00	31.53 -3.47 0.00	47.33 -4.88 0.00	139.17 -13.22 0.00	42.72 -3.47 0.00	39.70 -2.05 0.00	39.04 -1.94 0.00
OXBOW___BTM 323836	59.13 -4.10 0.00	42.59 -3.15 0.00	30.83 -2.27 0.00	35.87 -2.65 0.00	36.31 -2.49 0.00	42.62 -3.04 0.00	47.57 -3.23 0.00	49.01 -4.09 0.00	41.03 -3.74 0.00	32.75 -3.42 0.00	29.16 -3.41 0.00	35.61 -4.11 0.00	27.68 -3.14 0.00	28.89 -3.52 0.00	26.32 -3.17 0.00	26.92 -3.06 0.00	20.72 -2.08 0.00	23.27 -2.63 0.00	31.09 -3.91 0.00	46.61 -5.60 0.00	137.08 -15.31 0.00	42.05 -4.14 0.00	39.15 -2.60 0.00	38.50 -2.48 0.00
OXBOW____ 24026	59.14 -4.10 0.00	42.59 -3.15 0.00	30.83 -2.27 0.00	35.88 -2.65 0.00	36.31 -2.49 0.00	42.62 -3.04 0.00	47.57 -3.23 0.00	49.01 -4.09 0.00	41.05 -3.73 0.00	32.75 -3.42 0.00	29.16 -3.41 0.00	35.61 -4.11 0.00	27.67 -3.15 0.00	28.89 -3.51 0.00	26.32 -3.16 0.00	26.92 -3.06 0.00	20.71 -2.10 0.00	23.25 -2.65 0.00	31.09 -3.92 0.00	46.60 -5.61 0.00	136.98 -15.41 0.00	42.06 -4.13 0.00	39.15 -2.61 0.00	38.50 -2.48 0.00
OXY_CHEM_DSASP 323612	58.45 -4.79 0.00	42.11 -3.63 0.00	30.50 -2.60 0.00	35.48 -3.04 0.00	35.92 -2.88 0.00	42.15 -3.51 0.00	47.04 -3.76 0.00	48.42 -4.67 0.00	40.60 -4.17 0.00	32.43 -3.74 0.00	28.86 -3.70 0.00	35.24 -4.48 0.00	27.38 -3.44 0.00	28.57 -3.83 0.00	26.04 -3.45 0.00	26.65 -3.34 0.00	20.50 -2.31 0.00	23.00 -2.90 0.00	30.71 -4.30 0.00	45.96 -6.24 0.00	135.01 -17.37 0.00	41.48 -4.70 0.00	38.68 -3.08 0.00	38.04 -2.94 0.00
OZONE_PARK_ESR 323760	66.45 3.21 0.00	47.89 2.15 0.00	34.69 1.59 0.00	40.40 1.88 0.00	40.59 1.79 0.00	48.03 2.37 0.00	53.50 2.70 0.00	56.08 2.99 0.00	47.50 2.72 0.00	38.66 2.33 -0.17	34.90 2.33 0.00	42.63 2.91 0.00	36.01 2.36 -2.83	37.22 2.51 -2.31	34.94 2.35 -3.11	33.94 2.35 -1.61	43.49 1.80 -18.89	41.93 1.87 -14.16	38.22 2.42 -0.80	55.65 3.43 0.00	161.99 9.60 0.00	49.26 3.05 -0.03	44.38 2.62 -0.01	43.54 2.55 -0.01
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	58.45 -4.79 0.00	42.11 -3.63 0.00	30.50 -2.60 0.00	35.48 -3.04 0.00	35.92 -2.88 0.00	42.15 -3.51 0.00	47.04 -3.76 0.00	48.42 -4.67 0.00	40.60 -4.17 0.00	32.43 -3.74 0.00	28.86 -3.70 0.00	35.24 -4.48 0.00	27.38 -3.44 0.00	28.57 -3.83 0.00	26.04 -3.45 0.00	26.65 -3.34 0.00	20.50 -2.31 0.00	23.00 -2.90 0.00	30.71 -4.30 0.00	45.96 -6.24 0.00	135.01 -17.37 0.00	41.48 -4.70 0.00	38.68 -3.08 0.00	38.04 -2.94 0.00
PACKARD___115KV_DUPONT_184 80571	58.45 -4.79 0.00	42.11 -3.63 0.00	30.50 -2.60 0.00	35.48 -3.04 0.00	35.92 -2.88 0.00	42.15 -3.51 0.00	47.04 -3.76 0.00	48.42 -4.67 0.00	40.60 -4.17 0.00	32.43 -3.74 0.00	28.86 -3.70 0.00	35.24 -4.48 0.00	27.38 -3.44 0.00	28.57 -3.83 0.00	26.04 -3.45 0.00	26.65 -3.34 0.00	20.50 -2.31 0.00	23.00 -2.90 0.00	30.71 -4.30 0.00	45.96 -6.24 0.00	135.01 -17.37 0.00	41.48 -4.70 0.00	38.68 -3.08 0.00	38.04 -2.94 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	65.81 2.57 0.00	47.51 1.76 -0.01	34.36 1.26 0.00	40.02 1.50 0.00	40.22 1.43 0.00	47.55 1.89 0.00	52.86 2.06 0.00	55.47 2.37 0.00	47.00 2.22 0.00	38.27 1.93 -0.17	34.56 1.99 -0.01	42.23 2.51 0.00	35.68 2.04 -2.83	36.88 2.18 -2.30	34.41 2.04 -2.88	33.62 2.03 -1.60	43.23 1.53 -18.89	41.60 1.55 -14.16	37.73 1.98 -0.75	54.98 2.77 0.00	159.98 7.60 0.00	48.67 2.48 -0.01	43.87 2.11 0.00	43.02 2.04 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	65.85 2.60 0.00	47.51 1.77 -0.01	34.36 1.26 0.00	40.03 1.51 0.00	40.23 1.43 0.00	47.55 1.89 0.00	52.87 2.07 0.00	55.48 2.39 0.00	47.00 2.22 0.00	38.27 1.93 -0.17	34.57 2.00 -0.01	42.23 2.51 0.00	35.68 2.04 -2.83	36.89 2.18 -2.30	34.41 2.04 -2.88	33.62 2.03 -1.60	43.23 1.54 -18.89	41.60 1.55 -14.16	37.73 1.99 -0.75	54.99 2.78 0.00	160.03 7.65 0.00	48.67 2.48 -0.01	43.87 2.11 0.00	43.02 2.04 0.00
PATROON___115KV_TB1 80586	63.65 0.41 0.00	46.11 0.36 0.00	33.45 0.36 0.00	38.92 0.41 0.00	39.19 0.40 0.00	46.03 0.37 0.00	51.27 0.47 0.00	53.61 0.52 0.00	45.40 0.63 0.00	36.89 0.73 0.00	33.33 0.77 0.00	40.70 0.97 0.00	31.64 0.82 0.00	33.37 0.96 0.00	30.39 0.91 0.00	30.90 0.91 0.00	23.43 0.63 0.00	26.55 0.65 0.00	35.82 0.82 0.00	53.10 0.89 0.00	154.57 2.18 0.00	46.75 0.57 0.00	42.30 0.54 0.00	41.44 0.45 0.00
PATTRSNVILLE___SOLAR 323815	65.06 1.82 0.00	47.06 1.31 0.00	34.03 0.93 0.00	39.63 1.11 0.00	39.88 1.08 0.00	46.93 1.27 0.00	52.27 1.47 0.00	54.62 1.53 0.00	46.08 1.30 0.00	37.17 1.00 0.00	33.50 0.94 0.00	40.82 1.10 0.00	31.51 0.69 0.00	33.19 0.78 0.00	30.11 0.62 0.00	30.55 0.57 0.00	23.11 0.31 0.00	26.39 0.49 0.00	35.97 0.97 0.00	53.86 1.66 0.00	157.27 4.88 0.00	47.66 1.48 0.00	43.03 1.28 0.00	42.20 1.22 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	61.37 -1.87 0.00	44.18 -1.57 0.00	31.99 -1.11 0.00	37.28 -1.24 0.00	37.67 -1.13 0.00	44.19 -1.47 0.00	49.36 -1.44 0.00	51.08 -2.01 0.00	42.73 -2.05 0.00	34.07 -2.09 0.00	30.48 -2.09 0.00	37.28 -2.44 0.00	28.96 -1.86 0.00	30.25 -2.15 0.00	27.59 -1.89 0.00	28.14 -1.84 0.00	21.60 -1.21 0.00	24.36 -1.54 0.00	32.68 -2.32 0.00	49.12 -3.09 0.00	144.73 -7.65 0.00	44.28 -1.91 0.00	40.91 -0.85 0.00	40.24 -0.74 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	65.88 2.64 0.00	47.55 1.81 0.00	34.42 1.32 0.00	40.07 1.55 0.00	40.29 1.49 0.00	47.59 1.92 0.00	53.00 2.21 0.00	55.56 2.47 0.00	47.04 2.26 0.00	38.08 1.92 0.00	34.51 1.94 0.00	42.20 2.48 0.00	32.82 2.00 0.00	34.55 2.15 0.00	31.48 2.00 0.00	31.99 2.01 0.00	24.34 1.53 0.00	27.50 1.60 0.00	37.04 2.03 0.00	55.11 2.90 0.00	160.54 8.16 0.00	48.69 2.50 0.00	43.86 2.11 0.00	42.99 2.01 0.00
PEEKSKILL____ 23653	65.30 2.06 0.00	47.13 1.39 0.00	34.12 1.02 0.00	39.73 1.21 0.00	39.93 1.14 0.00	47.19 1.53 0.00	52.55 1.75 0.00	55.09 2.00 0.00	46.63 1.85 0.00	37.75 1.58 0.00	34.22 1.65 0.00	41.84 2.12 0.00	32.65 1.75 -0.08	34.35 1.87 -0.07	31.33 1.75 -0.09	31.77 1.74 -0.05	24.27 1.35 -0.12	27.25 1.35 0.00	36.72 1.71 0.00	54.63 2.42 0.00	159.05 6.67 0.00	48.28 2.10 0.00	43.51 1.75 0.00	42.67 1.68 0.00

PGE MADISON___WINDPWR 24146	66.96 3.72 0.00	48.26 2.52 0.00	34.88 1.78 0.00	40.33 1.81 0.00	40.42 1.62 0.00	47.12 1.46 0.00	52.68 1.89 0.00	55.08 1.99 0.00	46.54 1.76 0.00	37.45 1.29 0.00	33.52 0.96 0.00	40.37 0.65 0.00	31.28 0.47 0.00	32.70 0.30 0.00	29.68 0.20 0.00	30.20 0.22 0.00	22.81 0.00 0.00	26.03 0.13 0.00	35.85 0.85 0.00	54.87 2.66 0.00	162.29 9.91 0.00	49.14 2.96 0.00	44.42 2.66 0.00	43.68 2.70 0.00
PIERCEFIELD___HYD 23852	63.74 0.50 0.00	46.08 0.34 0.00	33.24 0.14 0.00	38.62 0.11 0.00	38.96 0.16 0.00	45.89 0.23 0.00	50.64 -0.15 0.00	53.23 0.14 0.00	44.77 0.00 0.00	36.04 -0.12 0.00	32.12 -0.45 0.00	38.97 -0.75 0.00	30.08 -0.73 0.00	31.53 -0.88 0.00	28.59 -0.90 0.00	29.08 -0.91 0.00	22.25 -0.56 0.00	25.46 -0.44 0.00	34.55 -0.45 0.00	51.90 -0.31 0.00	151.68 -0.70 0.00	45.84 -0.34 0.00	41.38 -0.37 0.00	40.57 -0.41 0.00
PINELAWN_CC_1 323563	64.95 1.71 0.00	46.80 1.06 0.00	34.02 0.91 0.00	39.64 1.12 0.00	39.64 0.84 0.00	46.90 1.24 0.00	51.94 1.14 0.00	54.43 1.38 0.04	46.25 1.48 0.00	37.64 1.48 0.01	34.51 1.94 0.00	41.87 2.15 0.00	32.34 1.73 0.20	34.06 1.82 0.16	31.12 1.85 0.22	31.63 1.76 0.11	23.39 1.52 0.93	26.75 1.46 0.62	36.73 1.77 0.03	54.80 2.59 0.00	158.14 6.61 0.85	48.48 2.30 0.00	43.36 1.61 0.00	42.53 1.55 0.00
PJM_GEN_HTP_PROXY 323702	65.79 2.55 0.00	47.42 1.68 0.00	34.36 1.25 0.00	40.02 1.50 0.00	40.22 1.43 0.00	47.57 1.90 0.00	52.96 2.16 0.00	55.52 2.43 0.00	47.01 2.23 0.00	38.22 1.93 -0.13	34.56 1.98 0.00	42.23 2.50 0.00	35.00 2.04 -2.14	36.33 2.18 -1.75	33.87 2.03 -2.35	33.22 2.02 -1.22	30.89 1.55 -6.54	30.80 1.58 -3.32	37.22 2.01 -0.22	55.03 2.82 0.00	160.17 7.79 0.00	48.72 2.51 -0.02	43.90 2.14 -0.01	43.08 2.09 -0.01
PJM_GEN_KEystone 24065	63.04 -0.20 0.00	45.43 -0.31 0.00	32.89 -0.21 0.00	38.37 -0.15 0.00	38.65 -0.15 0.00	45.55 -0.11 0.00	50.82 0.02 0.00	53.10 0.01 0.00	44.68 -0.10 0.00	35.94 -0.24 -0.01	32.48 -0.09 0.00	39.70 -0.02 0.00	31.09 0.08 -0.20	32.57 0.00 -0.16	29.78 0.07 -0.22	30.12 0.02 -0.11	24.25 0.11 -1.33	26.87 -0.03 -0.99	34.81 -0.24 -0.05	51.95 -0.26 0.00	152.05 -0.33 0.00	46.14 -0.05 0.00	35.88 0.15 6.02	41.27 0.29 0.00
PJM_GEN_NEPTUNE_PROXY 323594	64.62 1.38 0.00	46.60 0.86 0.00	33.85 0.75 0.00	39.44 0.92 0.00	39.46 0.66 0.00	46.71 1.05 0.00	51.74 0.94 0.00	54.18 1.15 0.06	46.01 1.23 0.00	37.43 1.28 0.01	34.26 1.69 0.00	41.66 1.94 0.00	32.22 1.60 0.20	33.99 1.75 0.16	30.98 1.72 0.22	31.50 1.63 0.11	23.25 1.38 0.93	26.60 1.32 0.62	36.49 1.52 0.03	54.35 2.15 0.00	156.39 5.30 1.29	48.06 1.88 0.00	43.06 1.31 0.00	42.24 1.26 0.00
PJM_GEN_VFT_PROXY 323633	65.51 2.27 0.00	47.22 1.48 0.00	34.21 1.11 0.00	39.86 1.34 0.00	40.07 1.26 0.00	47.43 1.76 0.00	52.80 2.01 0.00	55.38 2.29 0.00	46.88 2.10 0.00	38.13 1.80 -0.17	34.42 1.85 0.00	42.05 2.33 0.00	35.59 1.95 -2.83	36.78 2.07 -2.31	34.53 1.93 -3.11	33.52 1.93 -1.61	43.18 1.48 -18.89	41.55 1.49 -14.16	37.67 1.87 -0.80	54.83 2.62 0.00	159.59 7.20 0.00	48.56 2.34 -0.03	43.71 1.95 -0.01	42.92 1.92 -0.01
PLATSBURG_115KV_PMLD1 355749	65.48 2.23 0.00	47.51 1.77 0.00	34.39 1.29 0.00	39.87 1.35 0.00	40.18 1.39 0.00	47.30 1.64 0.00	52.47 1.67 0.00	54.78 1.69 0.00	46.32 1.55 0.00	37.35 1.18 0.00	33.36 0.79 0.00	40.47 0.74 0.00	31.22 0.41 0.00	32.75 0.35 0.00	29.62 0.13 0.00	30.01 0.03 0.00	22.96 0.15 0.00	26.21 0.31 0.00	35.62 0.62 0.00	53.36 1.15 0.00	156.23 3.84 0.00	47.19 1.00 0.00	42.31 0.56 0.00	41.31 0.33 0.00
PLEASANTVLY___LBMP 24000	64.89 1.65 0.00	46.87 1.13 0.00	33.94 0.84 0.00	39.53 1.01 0.00	39.74 0.94 0.00	46.91 1.24 0.00	52.22 1.42 0.00	54.71 1.62 0.00	46.33 1.55 0.00	37.53 1.36 0.00	34.01 1.44 0.00	41.63 1.91 0.00	32.37 1.56 0.00	34.10 1.69 0.00	31.07 1.58 0.00	31.55 1.57 0.00	24.01 1.21 0.00	27.11 1.21 0.00	36.51 1.50 0.00	54.27 2.06 0.00	157.95 5.57 0.00	47.91 1.72 0.00	43.20 1.45 0.00	42.36 1.38 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	65.47 2.23 0.00	47.26 1.52 0.00	34.22 1.12 0.00	39.84 1.32 0.00	40.04 1.24 0.00	47.31 1.65 0.00	52.66 1.87 0.00	55.17 2.08 0.00	46.71 1.94 0.00	37.83 1.67 0.01	34.30 1.74 0.00	41.94 2.22 0.00	32.49 1.81 0.14	34.23 1.95 0.11	31.15 1.82 0.15	31.71 1.81 0.08	23.55 1.39 0.65	26.89 1.42 0.43	36.77 1.80 0.02	54.73 2.53 0.00	159.35 6.97 0.00	48.36 2.18 0.00	43.59 1.83 0.00	42.75 1.77 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	65.47 2.23 0.00	47.26 1.52 0.00	34.22 1.12 0.00	39.84 1.32 0.00	40.04 1.24 0.00	47.31 1.65 0.00	52.66 1.87 0.00	55.17 2.08 0.00	46.71 1.94 0.00	37.83 1.67 0.01	34.30 1.74 0.00	41.94 2.22 0.00	32.49 1.81 0.14	34.23 1.95 0.11	31.15 1.82 0.15	31.71 1.81 0.08	23.55 1.39 0.65	26.89 1.42 0.43	36.77 1.80 0.02	54.73 2.53 0.00	159.35 6.97 0.00	48.36 2.18 0.00	43.59 1.83 0.00	42.75 1.77 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	65.48 2.24 0.00	47.27 1.53 0.00	34.23 1.14 0.00	39.84 1.32 0.00	40.06 1.26 0.00	47.29 1.63 0.00	52.66 1.86 0.00	55.20 2.11 0.00	46.72 1.95 0.00	37.81 1.65 0.00	34.25 1.68 0.00	41.92 2.20 0.00	32.60 1.78 0.00	34.32 1.92 0.00	31.29 1.80 0.00	31.78 1.80 0.00	24.18 1.37 0.00	27.32 1.42 0.00	36.82 1.82 0.00	54.77 2.56 0.00	159.48 7.09 0.00	48.37 2.19 0.00	43.59 1.84 0.00	42.72 1.74 0.00
POLETTI___ 23519	65.86 2.62 0.00	47.49 1.75 0.00	34.41 1.31 0.00	40.09 1.57 0.00	40.29 1.49 0.00	47.65 1.98 0.00	53.06 2.26 0.00	55.63 2.54 0.00	47.11 2.33 0.00	38.34 2.01 -0.17	34.62 2.04 0.00	42.30 2.58 0.00	35.75 2.10 -2.83	36.95 2.25 -2.30	34.69 2.10 -3.11	33.67 2.08 -1.61	43.30 1.60 -18.89	41.69 1.64 -14.16	37.88 2.09 -0.80	55.15 2.94 0.00	160.53 8.15 0.00	48.82 2.61 -0.03	44.00 2.23 -0.01	43.16 2.16 -0.01
POMONA___ESR 323819	65.02 1.78 0.00	46.92 1.18 0.00	33.94 0.85 0.00	39.55 1.04 0.00	39.78 0.98 0.00	47.04 1.38 0.00	52.41 1.62 0.00	54.95 1.86 0.00	46.44 1.67 0.00	37.55 1.38 0.00	34.02 1.45 0.00	41.61 1.89 0.00	32.41 1.60 0.00	34.12 1.72 0.00	31.08 1.60 0.00	31.55 1.57 0.00	24.04 1.23 0.00	27.12 1.22 0.00	36.52 1.52 0.00	54.40 2.20 0.00	158.36 5.98 0.00	48.03 1.85 0.00	43.28 1.53 0.00	42.47 1.49 0.00
PORT_JEFF_3 23555	64.83 1.59 0.00	46.74 1.00 0.00	33.97 0.87 0.00	39.64 1.12 0.00	39.62 0.82 0.00	46.87 1.21 0.00	51.89 1.09 0.00	54.38 1.34 0.05	46.22 1.44 0.00	37.67 1.52 0.01	34.53 1.97 0.00	41.86 2.14 0.00	32.28 1.66 0.20	34.07 1.83 0.16	31.12 1.86 0.22	31.61 1.74 0.11	23.46 1.59 0.93	26.80 1.52 0.62	36.80 1.84 0.03	54.94 2.73 0.00	158.36 7.01 1.03	48.66 2.48 0.00	43.46 1.70 0.00	42.63 1.66 0.00

PORT_JEFF_4 23616	64.83 1.59 0.00	46.74 1.00 0.00	33.97 0.87 0.00	39.64 1.12 0.00	39.62 0.82 0.00	46.87 1.21 0.00	51.89 1.09 0.00	54.38 1.34 0.05	46.22 1.44 0.00	37.67 1.52 0.01	34.53 1.97 0.00	41.86 2.14 0.00	32.28 1.66 0.20	34.07 1.83 0.16	31.12 1.86 0.22	31.61 1.74 0.11	23.46 1.59 0.93	26.80 1.52 0.62	36.80 1.84 0.03	54.94 2.73 0.00	158.36 7.01 1.03	48.66 2.48 0.00	43.46 1.70 0.00	42.63 1.66 0.00
PORT_JEFF_IC 23713	64.82 1.59 0.00	46.73 0.99 0.00	33.96 0.86 0.00	39.63 1.11 0.00	39.60 0.80 0.00	46.86 1.20 0.00	51.87 1.07 0.00	54.37 1.33 0.05	46.21 1.44 0.00	37.67 1.52 0.01	34.54 1.97 0.00	41.85 2.13 0.00	32.27 1.66 0.20	34.05 1.81 0.16	31.11 1.85 0.22	31.60 1.73 0.11	23.46 1.58 0.93	26.80 1.52 0.62	36.80 1.84 0.03	54.95 2.74 0.00	158.53 7.17 1.03	48.66 2.48 0.00	43.45 1.70 0.00	42.61 1.63 0.00
PPL_PILGRIM_ST_GT1 24216	65.12 1.88 0.00	46.96 1.21 0.00	34.13 1.03 0.00	39.84 1.32 0.00	39.82 1.02 0.00	47.09 1.43 0.00	52.11 1.32 0.00	54.60 1.56 0.05	46.38 1.61 0.00	37.81 1.66 0.01	34.70 2.13 0.00	42.13 2.40 0.00	32.48 1.86 0.20	34.21 1.97 0.16	31.23 1.97 0.22	31.74 1.87 0.11	23.52 1.64 0.93	26.87 1.58 0.62	36.88 1.91 0.03	55.03 2.82 0.00	158.65 7.25 0.99	48.74 2.56 0.00	43.54 1.79 0.00	42.72 1.74 0.00
PPL_PILGRIM_ST_GT2 24217	65.12 1.88 0.00	46.96 1.21 0.00	34.13 1.03 0.00	39.84 1.32 0.00	39.82 1.02 0.00	47.09 1.43 0.00	52.11 1.32 0.00	54.60 1.56 0.05	46.38 1.61 0.00	37.81 1.66 0.01	34.70 2.13 0.00	42.13 2.40 0.00	32.48 1.86 0.20	34.21 1.97 0.16	31.23 1.97 0.22	31.74 1.87 0.11	23.52 1.64 0.93	26.87 1.58 0.62	36.88 1.91 0.03	55.03 2.82 0.00	158.65 7.25 0.99	48.74 2.56 0.00	43.54 1.79 0.00	42.72 1.74 0.00
PPL_SHRM_GT3 24213	64.92 1.68 0.00	46.78 1.04 0.00	34.01 0.91 0.00	39.67 1.15 0.00	39.65 0.85 0.00	46.91 1.25 0.00	51.95 1.15 0.00	54.46 1.42 0.05	46.31 1.54 0.00	37.74 1.59 0.01	34.54 1.97 0.00	41.77 2.05 0.00	32.20 1.58 0.20	34.08 1.84 0.16	31.19 1.92 0.22	31.66 1.79 0.11	23.55 1.67 0.93	26.92 1.64 0.62	37.00 2.04 0.03	55.30 3.09 0.00	159.41 8.06 1.03	48.98 2.80 0.00	43.73 1.98 0.00	42.89 1.91 0.00
PPL_SHRM_GT4 24214	64.92 1.68 0.00	46.78 1.04 0.00	34.01 0.91 0.00	39.67 1.15 0.00	39.65 0.85 0.00	46.91 1.25 0.00	51.95 1.15 0.00	54.46 1.42 0.05	46.31 1.54 0.00	37.74 1.59 0.01	34.54 1.97 0.00	41.77 2.05 0.00	32.20 1.58 0.20	34.08 1.84 0.16	31.19 1.92 0.22	31.66 1.79 0.11	23.55 1.67 0.93	26.92 1.64 0.62	37.00 2.04 0.03	55.30 3.09 0.00	159.41 8.06 1.03	48.98 2.80 0.00	43.73 1.98 0.00	42.89 1.91 0.00
PROJECT___ORANGE 1 24174	62.55 -0.69 0.00	45.18 -0.56 0.00	32.69 -0.42 0.00	38.06 -0.46 0.00	38.35 -0.45 0.00	45.14 -0.53 0.00	50.30 -0.50 0.00	52.51 -0.59 0.00	44.16 -0.62 0.00	35.56 -0.61 0.00	32.00 -0.57 0.00	39.00 -0.72 0.00	30.27 -0.55 0.00	31.79 -0.61 0.00	28.94 -0.54 0.00	29.42 -0.56 0.00	22.40 -0.41 0.00	25.48 -0.42 0.00	34.50 -0.50 0.00	51.58 -0.63 0.00	150.82 -1.56 0.00	45.71 -0.47 0.00	41.40 -0.36 0.00	40.63 -0.35 0.00
PROJECT___ORANGE 2 24166	62.55 -0.69 0.00	45.18 -0.56 0.00	32.69 -0.42 0.00	38.06 -0.46 0.00	38.35 -0.45 0.00	45.14 -0.53 0.00	50.30 -0.50 0.00	52.51 -0.59 0.00	44.16 -0.62 0.00	35.56 -0.61 0.00	32.00 -0.57 0.00	39.00 -0.72 0.00	30.27 -0.55 0.00	31.79 -0.61 0.00	28.94 -0.54 0.00	29.42 -0.56 0.00	22.40 -0.41 0.00	25.48 -0.42 0.00	34.50 -0.50 0.00	51.58 -0.63 0.00	150.82 -1.56 0.00	45.71 -0.47 0.00	41.40 -0.36 0.00	40.63 -0.35 0.00
PUCKETT___SOLAR 323809	64.10 0.86 0.00	46.23 0.49 0.00	33.44 0.34 0.00	38.86 0.34 0.00	39.09 0.29 0.00	45.86 0.20 0.00	51.16 0.36 0.00	53.44 0.35 0.00	44.90 0.12 0.00	36.16 0.00 0.00	32.57 0.01 0.00	39.57 -0.15 0.00	30.68 -0.13 0.00	32.17 -0.23 0.00	29.31 -0.18 0.00	29.75 -0.23 0.00	22.67 -0.13 0.00	25.76 -0.14 0.00	34.99 -0.02 0.00	52.68 0.47 0.00	154.79 2.41 0.00	46.91 0.73 0.00	42.48 0.72 0.00	41.83 0.85 0.00
PYRITES___HYD 24023	65.31 2.07 0.00	47.22 1.48 0.00	34.09 0.99 0.00	39.60 1.08 0.00	39.94 1.14 0.00	47.07 1.41 0.00	51.94 1.14 0.00	54.54 1.45 0.00	45.82 1.05 0.00	36.82 0.65 0.00	32.71 0.14 0.00	39.58 -0.14 0.00	30.50 -0.31 0.00	31.95 -0.45 0.00	28.97 -0.52 0.00	29.47 -0.52 0.00	22.60 -0.21 0.00	25.94 0.04 0.00	35.23 0.23 0.00	53.17 0.96 0.00	155.78 3.40 0.00	47.09 0.90 0.00	42.50 0.75 0.00	41.67 0.68 0.00
QUAKERRD_115KV_BK1 80622	60.57 -2.67 0.00	43.71 -2.03 0.00	31.63 -1.47 0.00	36.81 -1.71 0.00	37.15 -1.65 0.00	43.70 -1.96 0.00	48.74 -2.06 0.00	50.64 -2.45 0.00	42.45 -2.33 0.00	34.04 -2.13 0.00	30.50 -2.06 0.00	37.17 -2.55 0.00	28.82 -1.99 0.00	30.21 -2.19 0.00	27.49 -1.99 0.00	28.02 -1.96 0.00	21.43 -1.37 0.00	24.33 -1.57 0.00	32.92 -2.08 0.00	49.32 -2.89 0.00	144.37 -8.02 0.00	43.91 -2.27 0.00	40.06 -1.70 0.00	39.32 -1.67 0.00
QUENSBRY_115KV_TB8 356137	66.42 3.17 0.00	47.96 2.21 0.00	34.57 1.47 0.00	40.33 1.81 0.00	40.68 1.87 0.00	47.81 2.15 0.00	53.36 2.56 0.00	55.71 2.62 0.00	47.22 2.45 0.00	38.26 2.10 0.00	34.47 1.90 0.00	42.08 2.36 0.00	32.54 1.73 0.00	34.19 1.78 0.00	31.08 1.59 0.00	31.59 1.60 0.00	23.90 1.09 0.00	27.18 1.28 0.00	36.79 1.78 0.00	54.85 2.64 0.00	160.19 7.80 0.00	48.51 2.32 0.00	43.82 2.06 0.00	42.99 2.01 0.00
RAMAPO___LBMP 323565	64.70 1.46 0.00	46.70 0.95 0.00	33.78 0.68 0.00	39.37 0.85 0.00	39.59 0.79 0.00	46.83 1.17 0.00	52.20 1.40 0.00	54.72 1.63 0.00	46.23 1.46 0.00	37.37 1.20 0.00	33.85 1.28 0.00	41.40 1.68 0.00	32.26 1.44 0.00	33.94 1.54 0.00	30.93 1.44 0.00	31.40 1.42 0.00	23.92 1.11 0.00	26.97 1.07 0.00	36.34 1.34 0.00	54.14 1.93 0.00	157.60 5.21 0.00	47.78 1.60 0.00	43.06 1.31 0.00	42.26 1.28 0.00
RANKINE____ 23646	60.75 -2.49 0.00	43.74 -2.00 0.00	31.68 -1.42 0.00	36.88 -1.64 0.00	37.29 -1.51 0.00	43.75 -1.91 0.00	48.88 -1.92 0.00	50.51 -2.59 0.00	42.24 -2.54 0.00	33.66 -2.50 0.00	30.07 -2.50 0.00	36.74 -2.98 0.00	28.55 -2.27 0.00	29.82 -2.59 0.00	27.19 -2.30 0.00	27.75 -2.24 0.00	21.31 -1.49 0.00	24.01 -1.89 0.00	32.18 -2.82 0.00	48.37 -3.84 0.00	142.38 -10.01 0.00	43.63 -2.55 0.00	40.39 -1.36 0.00	39.75 -1.23 0.00
RAVENSWOOD_GT2_1 24244	65.85 2.61 0.00	47.50 1.76 0.00	34.41 1.31 0.00	40.10 1.58 0.00	40.30 1.50 0.00	47.65 1.99 0.00	53.06 2.26 0.00	55.62 2.53 0.00	47.10 2.32 0.00	38.38 2.01 -0.21	34.62 2.05 -0.01	42.31 2.59 0.00	36.37 2.10 -3.45	37.46 2.25 -2.81	35.37 2.10 -3.79	34.03 2.09 -1.96	46.17 1.60 -21.76	43.59 1.64 -16.06	37.99 2.09 -0.91	55.15 2.94 0.00	160.53 8.15 0.00	48.83 2.61 -0.04	44.00 2.23 -0.01	43.16 2.17 -0.02



RAVENSWOOD_GT2_2 24245	65.85 2.61 0.00	47.50 1.76 0.00	34.41 1.31 0.00	40.10 1.58 0.00	40.30 1.50 0.00	47.65 1.99 0.00	53.06 2.26 0.00	55.62 2.53 0.00	47.10 2.32 0.00	38.38 2.01 -0.21	34.62 2.05 -0.01	42.31 2.59 0.00	36.37 2.10 -3.45	37.46 2.25 -2.81	35.37 2.10 -3.79	34.03 2.09 -1.96	46.17 1.60 -21.76	43.59 1.64 -16.06	37.99 2.09 -0.91	55.15 2.94 0.00	160.53 8.15 0.00	48.83 2.61 -0.04	44.00 2.23 -0.01	43.16 2.17 -0.02
RAVENSWOOD_GT2_3 24246	65.87 2.64 0.00	47.52 1.77 0.00	34.42 1.32 0.00	40.12 1.60 0.00	40.31 1.51 0.00	47.68 2.02 0.00	53.07 2.28 0.00	55.64 2.55 0.00	47.12 2.34 0.00	38.39 2.02 -0.21	34.64 2.07 -0.01	42.33 2.60 0.00	36.39 2.13 -3.45	37.48 2.26 -2.81	35.39 2.12 -3.79	34.05 2.10 -1.96	46.18 1.61 -21.76	43.61 1.65 -16.06	38.01 2.11 -0.91	55.18 2.97 0.00	160.61 8.23 0.00	48.85 2.63 -0.04	44.01 2.24 -0.01	43.18 2.18 -0.02
RAVENSWOOD_GT2_4 24247	65.87 2.64 0.00	47.52 1.77 0.00	34.42 1.32 0.00	40.12 1.60 0.00	40.31 1.51 0.00	47.68 2.02 0.00	53.07 2.28 0.00	55.64 2.55 0.00	47.12 2.34 0.00	38.39 2.02 -0.21	34.64 2.07 -0.01	42.33 2.60 0.00	36.39 2.13 -3.45	37.48 2.26 -2.81	35.39 2.12 -3.79	34.05 2.10 -1.96	46.18 1.61 -21.76	43.61 1.65 -16.06	38.01 2.11 -0.91	55.18 2.97 0.00	160.61 8.23 0.00	48.85 2.63 -0.04	44.01 2.24 -0.01	43.18 2.18 -0.02
RAVENSWOOD_GT3_1 24248	65.85 2.61 0.00	47.50 1.76 0.00	34.41 1.31 0.00	40.10 1.58 0.00	40.30 1.50 0.00	47.66 2.00 0.00	53.06 2.26 0.00	55.62 2.53 0.00	47.10 2.32 0.00	38.38 2.01 -0.21	34.63 2.05 -0.01	42.31 2.59 0.00	36.37 2.10 -3.45	37.46 2.25 -2.81	35.38 2.10 -3.79	34.04 2.09 -1.96	46.17 1.60 -21.76	43.59 1.64 -16.06	37.99 2.09 -0.91	55.15 2.94 0.00	160.54 8.15 0.00	48.84 2.61 -0.04	44.00 2.23 -0.01	43.17 2.17 -0.02
RAVENSWOOD_GT3_2 24249	65.85 2.61 0.00	47.50 1.76 0.00	34.41 1.31 0.00	40.10 1.58 0.00	40.30 1.50 0.00	47.66 2.00 0.00	53.06 2.26 0.00	55.62 2.53 0.00	47.10 2.32 0.00	38.38 2.01 -0.21	34.63 2.05 -0.01	42.31 2.59 0.00	36.37 2.10 -3.45	37.46 2.25 -2.81	35.38 2.10 -3.79	34.04 2.09 -1.96	46.17 1.60 -21.76	43.59 1.64 -16.06	37.99 2.09 -0.91	55.15 2.94 0.00	160.54 8.15 0.00	48.84 2.61 -0.04	44.00 2.23 -0.01	43.17 2.17 -0.02
RAVENSWOOD_GT3_3 24250	65.94 2.70 0.00	47.56 1.82 0.00	34.46 1.36 0.00	40.15 1.63 0.00	40.35 1.55 0.00	47.72 2.06 0.00	53.12 2.33 0.00	55.69 2.60 0.00	47.16 2.38 0.00	38.42 2.05 -0.21	34.68 2.10 -0.01	42.36 2.64 0.00	36.42 2.16 -3.45	37.51 2.30 -2.81	35.42 2.15 -3.79	34.08 2.14 -1.96	46.21 1.64 -21.76	43.63 1.68 -16.06	38.05 2.14 -0.91	55.23 3.02 0.00	160.76 8.38 0.00	48.90 2.68 -0.04	44.05 2.28 -0.01	43.22 2.23 -0.02
RAVENSWOOD_GT3_4 24251	65.94 2.70 0.00	47.56 1.82 0.00	34.46 1.36 0.00	40.15 1.63 0.00	40.35 1.55 0.00	47.72 2.06 0.00	53.12 2.33 0.00	55.69 2.60 0.00	47.16 2.38 0.00	38.42 2.05 -0.21	34.68 2.10 -0.01	42.36 2.64 0.00	36.42 2.16 -3.45	37.51 2.30 -2.81	35.42 2.15 -3.79	34.08 2.14 -1.96	46.21 1.64 -21.76	43.63 1.68 -16.06	38.05 2.14 -0.91	55.23 3.02 0.00	160.76 8.38 0.00	48.90 2.68 -0.04	44.05 2.28 -0.01	43.22 2.23 -0.02
RAVENSWOOD_GT_1 23729	66.09 2.85 0.00	48.52 1.96 -0.81	37.39 1.45 -2.84	42.06 1.73 -1.81	42.22 1.65 -1.78	48.39 2.16 -0.57	53.56 2.41 -0.35	56.12 2.71 -0.32	48.28 2.48 -1.03	40.85 2.16 -2.52	37.74 2.21 -2.97	44.13 2.77 -1.64	39.18 2.25 -6.12	40.09 2.40 -5.29	38.35 2.24 -6.63	37.25 2.24 -5.03	47.72 1.69 -23.22	45.53 1.73 -17.90	41.07 2.22 -3.85	55.71 3.11 -0.38	163.99 8.50 -3.10	50.92 2.78 -1.95	46.82 2.41 -2.66	44.83 2.34 -1.51
RAVENSWOOD_GT_10 24258	65.85 2.61 0.00	47.49 1.75 0.00	34.40 1.31 0.00	40.09 1.57 0.00	40.30 1.50 0.00	47.65 1.99 0.00	53.06 2.26 0.00	55.62 2.53 0.00	47.10 2.32 0.00	38.37 2.00 -0.21	34.62 2.04 -0.01	42.31 2.59 0.00	36.37 2.10 -3.45	37.46 2.25 -2.81	35.37 2.10 -3.79	34.03 2.08 -1.96	46.17 1.60 -21.76	43.59 1.64 -16.06	37.99 2.09 -0.91	55.14 2.93 0.00	160.53 8.15 0.00	48.82 2.60 -0.04	43.99 2.23 -0.01	43.15 2.16 -0.02
RAVENSWOOD_GT_11 24259	65.85 2.61 0.00	47.49 1.75 0.00	34.40 1.31 0.00	40.09 1.57 0.00	40.30 1.50 0.00	47.65 1.99 0.00	53.06 2.26 0.00	55.62 2.53 0.00	47.10 2.32 0.00	38.37 2.00 -0.21	34.62 2.04 -0.01	42.31 2.59 0.00	36.37 2.10 -3.45	37.46 2.25 -2.81	35.37 2.10 -3.79	34.03 2.08 -1.96	46.17 1.60 -21.76	43.59 1.64 -16.06	37.99 2.09 -0.91	55.14 2.93 0.00	160.53 8.15 0.00	48.82 2.60 -0.04	43.99 2.23 -0.01	43.15 2.16 -0.02
RAVENSWOOD_GT_4 24252	65.83 2.59 0.00	48.09 1.73 -0.61	36.55 1.29 -2.16	41.47 1.57 -1.38	41.64 1.49 -1.35	48.07 1.98 -0.43	53.32 2.26 -0.27	55.85 2.52 -0.24	47.86 2.31 -0.78	40.12 1.98 -1.97	36.86 2.03 -2.26	43.54 2.57 -1.25	38.39 2.10 -5.48	39.33 2.23 -4.70	37.52 2.09 -5.95	36.35 2.07 -4.29	47.27 1.60 -22.87	44.99 1.63 -17.46	40.22 2.07 -3.15	55.41 2.91 -0.29	162.88 8.14 -2.36	50.27 2.59 -1.49	45.97 2.20 -2.02	44.28 2.15 -1.16
RAVENSWOOD_GT_5 24254	65.83 2.59 0.00	48.09 1.73 -0.61	36.55 1.29 -2.16	41.47 1.57 -1.38	41.64 1.49 -1.35	48.07 1.98 -0.43	53.32 2.26 -0.27	55.85 2.52 -0.24	47.86 2.31 -0.78	40.12 1.98 -1.97	36.86 2.03 -2.26	43.54 2.57 -1.25	38.39 2.10 -5.48	39.33 2.23 -4.70	37.52 2.09 -5.95	36.35 2.07 -4.29	47.27 1.60 -22.87	44.99 1.63 -17.46	40.22 2.07 -3.15	55.41 2.91 -0.29	162.88 8.14 -2.36	50.27 2.59 -1.49	45.97 2.20 -2.02	44.28 2.15 -1.16
RAVENSWOOD_GT_6 24253	65.83 2.59 0.00	48.09 1.73 -0.61	36.55 1.29 -2.16	41.47 1.57 -1.38	41.64 1.49 -1.35	48.07 1.98 -0.43	53.32 2.26 -0.27	55.85 2.52 -0.24	47.86 2.31 -0.78	40.12 1.98 -1.97	36.86 2.03 -2.26	43.54 2.57 -1.25	38.39 2.10 -5.48	39.33 2.23 -4.70	37.52 2.09 -5.95	36.35 2.07 -4.29	47.27 1.60 -22.87	44.99 1.63 -17.46	40.22 2.07 -3.15	55.41 2.91 -0.29	162.88 8.14 -2.36	50.27 2.59 -1.49	45.97 2.20 -2.02	44.28 2.15 -1.16
RAVENSWOOD_GT_7 24255	65.83 2.59 0.00	48.09 1.73 -0.61	36.55 1.29 -2.16	41.47 1.57 -1.38	41.64 1.49 -1.35	48.07 1.98 -0.43	53.32 2.26 -0.27	55.85 2.52 -0.24	47.86 2.31 -0.78	40.12 1.98 -1.97	36.86 2.03 -2.26	43.54 2.57 -1.25	38.39 2.10 -5.48	39.33 2.23 -4.70	37.52 2.09 -5.95	36.35 2.07 -4.29	47.27 1.60 -22.87	44.99 1.63 -17.46	40.22 2.07 -3.15	55.41 2.91 -0.29	162.88 8.14 -2.36	50.27 2.59 -1.49	45.97 2.20 -2.02	44.28 2.15 -1.16
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	65.85 2.61 0.00	47.49 1.75 0.00	34.40 1.31 0.00	40.09 1.57 0.00	40.30 1.50 0.00	47.65 1.99 0.00	53.06 2.26 0.00	55.62 2.53 0.00	47.10 2.32 0.00	38.37 2.00 -0.21	34.62 2.04 -0.01	42.31 2.59 0.00	36.37 2.10 -3.45	37.46 2.25 -2.81	35.37 2.10 -3.79	34.03 2.08 -1.96	46.17 1.60 -21.76	43.59 1.64 -16.06	37.99 2.09 -0.91	55.14 2.93 0.00	160.53 8.15 0.00	48.82 2.60 -0.04	43.99 2.23 -0.01	43.15 2.16 -0.02

RAVENSWOOD_GT_9 24257	65.85 2.61 0.00	47.49 1.75 0.00	34.40 1.31 0.00	40.09 1.57 0.00	40.30 1.50 0.00	47.65 1.99 0.00	53.06 2.26 0.00	55.62 2.53 0.00	47.10 2.32 0.00	38.37 2.00 -0.21	34.62 2.04 -0.01	42.31 2.59 0.00	36.37 2.10 -3.45	37.46 2.25 -2.81	35.37 2.10 -3.79	34.03 2.08 -1.96	46.17 1.60 -21.76	43.59 1.64 -16.06	37.99 2.09 -0.91	55.14 2.93 0.00	160.53 8.15 0.00	48.82 2.60 -0.04	43.99 2.23 -0.01	43.15 2.16 -0.02
RAVENSWOOD___1 23533	65.98 2.74 0.00	46.83 1.88 0.79	31.71 1.41 2.80	38.39 1.66 1.78	38.64 1.58 1.75	47.19 2.09 0.56	52.79 2.34 0.35	55.38 2.61 0.31	46.19 2.42 1.01	36.19 2.10 2.07	31.82 2.16 2.90	40.80 2.70 1.62	33.84 2.20 -0.82	35.12 2.35 -0.37	32.68 2.20 -0.99	31.12 2.20 1.06	44.79 1.65 -20.33	41.82 1.68 -14.24	35.20 2.18 1.99	54.87 3.04 0.38	157.62 8.28 3.05	47.06 2.73 1.85	41.50 2.33 2.59	41.80 2.27 1.45
RAVENSWOOD___2 23534	65.93 2.69 0.00	47.57 1.82 -0.01	34.46 1.36 0.00	40.13 1.61 0.00	40.33 1.53 0.00	47.68 2.02 0.00	53.05 2.26 0.00	55.63 2.54 0.00	47.13 2.35 0.00	38.43 2.05 -0.21	34.69 2.12 -0.01	42.36 2.64 0.00	36.42 2.15 -3.45	37.52 2.31 -2.81	35.43 2.16 -3.79	34.09 2.15 -1.96	46.19 1.62 -21.76	43.61 1.65 -16.06	38.04 2.13 -0.91	55.16 2.96 0.00	160.18 7.80 0.00	48.88 2.66 -0.04	44.05 2.28 -0.01	43.21 2.22 -0.02
RAVENSWOOD___3 23535	65.85 2.61 0.00	47.50 1.76 0.00	34.41 1.31 0.00	40.10 1.58 0.00	40.31 1.51 0.00	47.66 1.99 0.00	53.06 2.27 0.00	55.62 2.53 0.00	47.10 2.32 0.00	38.38 2.00 -0.21	34.63 2.05 -0.01	42.31 2.59 0.00	36.37 2.11 -3.45	37.47 2.26 -2.81	35.38 2.10 -3.79	34.04 2.09 -1.96	46.17 1.60 -21.76	43.59 1.64 -16.06	38.00 2.09 -0.91	55.16 2.95 0.00	160.48 8.09 0.00	48.84 2.62 -0.04	44.01 2.24 -0.01	43.17 2.18 -0.02
RAVENSWOOD___4 23820	65.98 2.74 0.00	46.83 1.88 0.79	31.71 1.41 2.80	38.39 1.66 1.78	38.64 1.58 1.75	47.19 2.09 0.56	52.79 2.34 0.35	55.38 2.61 0.31	46.19 2.42 1.01	36.19 2.10 2.07	31.82 2.16 2.90	40.80 2.70 1.62	33.84 2.20 -0.82	35.12 2.35 -0.37	32.68 2.20 -0.99	31.12 2.20 1.06	44.79 1.65 -20.33	41.82 1.68 -14.24	35.20 2.18 1.99	54.87 3.04 0.38	157.62 8.28 3.05	47.06 2.73 1.85	41.50 2.33 2.59	41.80 2.27 1.45
RCPL_TRUST___DRP 24196	65.80 2.56 0.00	47.43 1.69 0.00	34.36 1.26 0.00	40.02 1.50 0.00	40.22 1.42 0.00	47.57 1.90 0.00	52.96 2.16 0.00	55.52 2.43 0.00	47.02 2.23 0.00	38.23 1.93 -0.13	34.55 1.98 0.00	42.22 2.50 0.00	35.00 2.04 -2.14	36.33 2.18 -1.75	33.87 2.03 -2.35	33.22 2.02 -1.22	30.93 1.55 -6.57	30.84 1.58 -3.36	37.23 2.01 -0.22	55.03 2.82 0.00	160.23 7.85 0.00	48.72 2.51 -0.02	43.90 2.14 -0.01	43.08 2.09 -0.01
RED___ROCHESTER 323720	61.96 -1.28 0.00	44.67 -1.08 0.00	32.32 -0.78 0.00	37.61 -0.92 0.00	37.96 -0.83 0.00	44.63 -1.03 0.00	49.82 -0.98 0.00	51.68 -1.41 0.00	43.27 -1.51 0.00	34.66 -1.50 0.00	31.04 -1.52 0.00	37.85 -1.87 0.00	29.36 -1.46 0.00	30.74 -1.66 0.00	27.99 -1.50 0.00	28.54 -1.44 0.00	21.87 -0.94 0.00	24.80 -1.10 0.00	33.50 -1.50 0.00	50.29 -1.91 0.00	147.36 -5.03 0.00	44.84 -1.35 0.00	41.01 -0.74 0.00	40.23 -0.75 0.00
REGAN___SOLAR 323812	66.98 3.74 0.00	48.39 2.64 0.00	34.95 1.85 0.00	40.68 2.16 0.00	40.96 2.16 0.00	48.20 2.54 0.00	53.71 2.92 0.00	56.10 3.01 0.00	47.18 2.40 0.00	37.79 1.62 0.00	34.03 1.46 0.00	41.31 1.59 0.00	31.52 0.70 0.00	33.23 0.83 0.00	29.79 0.30 0.00	30.05 0.06 0.00	22.54 -0.26 0.00	26.04 0.14 0.00	36.33 1.33 0.00	55.31 3.10 0.00	162.02 9.63 0.00	49.08 2.90 0.00	44.23 2.48 0.00	43.32 2.34 0.00
RENSSELAER___COGEN 23796	63.33 0.09 0.00	45.89 0.15 0.00	33.31 0.20 0.00	38.75 0.22 0.00	39.02 0.22 0.00	45.81 0.15 0.00	51.02 0.22 0.00	53.34 0.25 0.00	45.18 0.41 0.00	36.71 0.55 0.00	33.18 0.61 0.00	40.51 0.79 0.00	31.49 0.68 0.00	33.21 0.81 0.00	30.25 0.76 0.00	30.75 0.76 0.00	23.33 0.53 0.00	26.42 0.52 0.00	35.62 0.61 0.00	52.80 0.60 0.00	153.66 1.27 0.00	46.51 0.32 0.00	42.07 0.32 0.00	41.23 0.25 0.00
REPUBLIC_115KV_BARTNBRK 55605	69.12 5.88 0.00	49.69 3.95 0.00	35.81 2.71 0.00	41.81 3.29 0.00	42.26 3.46 0.00	49.63 3.97 0.00	55.46 4.66 0.00	57.68 4.58 0.00	49.08 4.31 0.00	39.73 3.57 0.00	35.58 3.01 0.00	43.37 3.65 0.00	33.41 2.59 0.00	35.03 2.62 0.00	31.82 2.33 0.00	32.28 2.30 0.00	24.56 1.76 0.00	27.84 1.94 0.00	37.39 2.39 0.00	55.89 3.69 0.00	164.01 11.63 0.00	49.89 3.71 0.00	45.16 3.41 0.00	44.10 3.13 0.00
REVERE_CPPR_DRP 24186	65.16 1.92 0.00	47.01 1.27 0.00	33.91 0.81 0.00	39.48 0.96 0.00	39.75 0.95 0.00	46.90 1.24 0.00	52.33 1.54 0.00	54.71 1.62 0.00	45.97 1.19 0.00	36.93 0.76 0.00	33.15 0.59 0.00	40.23 0.52 0.00	31.12 0.31 0.00	32.67 0.27 0.00	29.68 0.19 0.00	30.10 0.12 0.00	22.94 0.14 0.00	26.26 0.36 0.00	35.88 0.88 0.00	53.91 1.70 0.00	157.54 5.15 0.00	47.61 1.42 0.00	42.94 1.19 0.00	42.08 1.10 0.00
REYNOLDS_115KV_TB3 80639	63.84 0.60 0.00	46.26 0.52 0.00	33.53 0.43 0.00	39.04 0.52 0.00	39.31 0.51 0.00	46.18 0.52 0.00	51.43 0.63 0.00	53.76 0.67 0.00	45.56 0.78 0.00	37.00 0.84 0.00	33.44 0.87 0.00	40.85 1.13 0.00	31.75 0.94 0.00	33.50 1.10 0.00	30.51 1.02 0.00	31.02 1.04 0.00	23.51 0.71 0.00	26.63 0.74 0.00	35.90 0.90 0.00	53.21 1.00 0.00	154.86 2.48 0.00	46.84 0.66 0.00	42.37 0.62 0.00	41.54 0.55 0.00
RIVERBAY____ 323610	65.85 2.60 0.00	47.51 1.77 -0.01	34.36 1.26 0.00	40.03 1.51 0.00	40.23 1.43 0.00	47.55 1.89 0.00	52.87 2.07 0.00	55.48 2.39 0.00	47.00 2.22 0.00	38.27 1.93 -0.17	34.57 2.00 -0.01	42.23 2.51 0.00	35.68 2.04 -2.83	36.89 2.18 -2.30	34.41 2.04 -2.88	33.62 2.03 -1.60	43.23 1.54 -18.89	41.60 1.55 -14.16	37.73 1.99 -0.75	54.99 2.78 0.00	160.03 7.65 0.00	48.67 2.48 -0.01	43.87 2.11 0.00	43.02 2.04 0.00
RIVERSDE_115KV_TB3 55908	63.62 0.38 0.00	46.08 0.34 0.00	33.42 0.32 0.00	38.90 0.38 0.00	39.18 0.38 0.00	46.01 0.35 0.00	51.23 0.44 0.00	53.56 0.47 0.00	45.39 0.62 0.00	36.88 0.71 0.00	33.33 0.76 0.00	40.70 0.97 0.00	31.64 0.82 0.00	33.37 0.97 0.00	30.39 0.91 0.00	30.90 0.92 0.00	23.43 0.63 0.00	26.55 0.65 0.00	35.79 0.79 0.00	53.05 0.84 0.00	154.34 1.96 0.00	46.70 0.51 0.00	42.24 0.49 0.00	41.40 0.42 0.00
ROARING___BROOK_WT_PWR 323790	63.43 0.18 0.00	45.88 0.13 0.00	33.14 0.04 0.00	38.55 0.03 0.00	38.83 0.02 0.00	45.70 0.04 0.00	50.81 0.02 0.00	53.14 0.05 0.00	44.78 0.01 0.00	36.21 0.04 0.00	32.52 -0.04 0.00	39.62 -0.10 0.00	30.71 -0.10 0.00	32.28 -0.12 0.00	29.32 -0.16 0.00	29.83 -0.16 0.00	22.71 -0.09 0.00	25.84 -0.06 0.00	34.95 -0.05 0.00	52.13 -0.08 0.00	152.12 -0.27 0.00	46.03 -0.15 0.00	41.47 -0.28 0.00	40.65 -0.33 0.00

ROCHESRG_115KV_T4 355643	61.35 -1.89 0.00	44.26 -1.49 0.00	32.03 -1.07 0.00	37.28 -1.25 0.00	37.62 -1.18 0.00	44.23 -1.43 0.00	49.35 -1.45 0.00	51.21 -1.89 0.00	42.91 -1.87 0.00	34.39 -1.78 0.00	30.80 -1.77 0.00	37.55 -2.17 0.00	29.13 -1.69 0.00	30.51 -1.89 0.00	27.78 -1.71 0.00	28.33 -1.66 0.00	21.68 -1.13 0.00	24.56 -1.34 0.00	33.15 -1.85 0.00	49.71 -2.49 0.00	145.60 -6.78 0.00	44.34 -1.85 0.00	40.56 -1.19 0.00	39.82 -1.16 0.00
ROCHESTER_9_IC 23652	61.66 -1.58 0.00	44.46 -1.28 0.00	32.17 -0.93 0.00	37.44 -1.08 0.00	37.81 -1.00 0.00	44.43 -1.23 0.00	49.60 -1.20 0.00	51.45 -1.65 0.00	43.09 -1.69 0.00	34.52 -1.64 0.00	30.92 -1.65 0.00	37.69 -2.03 0.00	29.22 -1.59 0.00	30.62 -1.79 0.00	27.87 -1.61 0.00	28.42 -1.56 0.00	21.76 -1.05 0.00	24.67 -1.23 0.00	33.32 -1.69 0.00	49.99 -2.22 0.00	146.44 -5.94 0.00	44.58 -1.60 0.00	40.78 -0.98 0.00	40.02 -0.96 0.00
ROCKVIEW_13_KV_LD 356306	65.82 2.58 0.00	47.51 1.77 0.00	34.39 1.29 0.00	40.06 1.53 0.00	40.24 1.44 0.00	47.56 1.89 0.00	52.93 2.13 0.00	55.47 2.37 0.00	46.96 2.19 0.00	38.05 1.88 0.00	34.51 1.94 0.00	42.19 2.47 0.00	32.82 2.01 0.00	34.55 2.15 0.00	31.50 2.01 0.00	31.98 2.00 0.00	24.35 1.55 0.00	27.47 1.58 0.00	37.02 2.01 0.00	55.06 2.85 0.00	160.34 7.95 0.00	48.67 2.48 0.00	43.86 2.10 0.00	43.01 2.03 0.00
ROME____115KV_TB2 80656	65.16 1.92 0.00	47.01 1.27 0.00	33.91 0.81 0.00	39.48 0.96 0.00	39.75 0.95 0.00	46.90 1.24 0.00	52.33 1.54 0.00	54.71 1.62 0.00	45.97 1.19 0.00	36.93 0.76 0.00	33.15 0.59 0.00	40.23 0.52 0.00	31.12 0.31 0.00	32.67 0.27 0.00	29.68 0.19 0.00	30.10 0.12 0.00	22.94 0.14 0.00	26.26 0.36 0.00	35.88 0.88 0.00	53.91 1.70 0.00	157.54 5.15 0.00	47.61 1.42 0.00	42.94 1.19 0.00	42.08 1.10 0.00
ROSETON___1 23587	64.80 1.56 0.00	46.81 1.07 0.00	33.89 0.79 0.00	39.47 0.95 0.00	39.68 0.88 0.00	46.85 1.19 0.00	52.16 1.36 0.00	54.65 1.56 0.00	46.24 1.47 0.00	37.44 1.27 0.00	33.92 1.35 0.00	41.49 1.78 0.00	32.28 1.47 0.00	33.99 1.59 0.00	30.97 1.49 0.00	31.46 1.48 0.00	23.94 1.13 0.00	27.03 1.13 0.00	36.40 1.40 0.00	54.15 1.94 0.00	157.65 5.26 0.00	47.82 1.64 0.00	43.12 1.37 0.00	42.30 1.32 0.00
ROSETON___2 23588	64.80 1.56 0.00	46.81 1.07 0.00	33.89 0.79 0.00	39.47 0.95 0.00	39.68 0.88 0.00	46.85 1.19 0.00	52.16 1.36 0.00	54.65 1.56 0.00	46.24 1.47 0.00	37.44 1.27 0.00	33.92 1.35 0.00	41.49 1.78 0.00	32.28 1.47 0.00	33.99 1.59 0.00	30.97 1.49 0.00	31.46 1.48 0.00	23.94 1.13 0.00	27.03 1.13 0.00	36.40 1.40 0.00	54.15 1.94 0.00	157.65 5.26 0.00	47.82 1.64 0.00	43.12 1.37 0.00	42.30 1.32 0.00
ROTRDAM_115KV_TB3 80664	64.40 1.16 0.00	46.60 0.86 0.00	33.71 0.62 0.00	39.27 0.75 0.00	39.53 0.74 0.00	46.52 0.85 0.00	51.80 1.01 0.00	54.14 1.05 0.00	45.76 0.98 0.00	37.01 0.85 0.00	33.40 0.84 0.00	40.78 1.06 0.00	31.60 0.79 0.00	33.28 0.88 0.00	30.28 0.79 0.00	30.78 0.79 0.00	23.32 0.52 0.00	26.50 0.61 0.00	35.86 0.86 0.00	53.43 1.22 0.00	155.80 3.41 0.00	47.21 1.02 0.00	42.63 0.88 0.00	41.83 0.85 0.00
RUSSELL___1 23602	61.96 -1.28 0.00	44.68 -1.07 0.00	32.31 -0.79 0.00	37.60 -0.92 0.00	37.96 -0.83 0.00	44.63 -1.03 0.00	49.82 -0.97 0.00	51.68 -1.41 0.00	43.27 -1.50 0.00	34.66 -1.51 0.00	31.04 -1.52 0.00	37.84 -1.88 0.00	29.35 -1.47 0.00	30.74 -1.67 0.00	27.99 -1.50 0.00	28.54 -1.45 0.00	21.85 -0.95 0.00	24.78 -1.12 0.00	33.50 -1.51 0.00	50.29 -1.92 0.00	147.30 -5.08 0.00	44.85 -1.34 0.00	41.01 -0.75 0.00	40.23 -0.75 0.00
RUSSELL___2 23532	61.96 -1.28 0.00	44.68 -1.07 0.00	32.31 -0.79 0.00	37.60 -0.92 0.00	37.96 -0.83 0.00	44.63 -1.03 0.00	49.82 -0.97 0.00	51.68 -1.41 0.00	43.27 -1.50 0.00	34.66 -1.51 0.00	31.04 -1.52 0.00	37.84 -1.88 0.00	29.35 -1.47 0.00	30.74 -1.67 0.00	27.99 -1.50 0.00	28.54 -1.45 0.00	21.85 -0.95 0.00	24.78 -1.12 0.00	33.50 -1.51 0.00	50.29 -1.92 0.00	147.30 -5.08 0.00	44.85 -1.34 0.00	41.01 -0.75 0.00	40.23 -0.75 0.00
RUSSELL___3 23549	61.96 -1.28 0.00	44.68 -1.07 0.00	32.31 -0.79 0.00	37.60 -0.92 0.00	37.96 -0.83 0.00	44.63 -1.03 0.00	49.82 -0.97 0.00	51.68 -1.41 0.00	43.27 -1.50 0.00	34.66 -1.51 0.00	31.04 -1.52 0.00	37.84 -1.88 0.00	29.35 -1.47 0.00	30.74 -1.67 0.00	27.99 -1.50 0.00	28.54 -1.45 0.00	21.85 -0.95 0.00	24.78 -1.12 0.00	33.50 -1.51 0.00	50.29 -1.92 0.00	147.30 -5.08 0.00	44.85 -1.34 0.00	41.01 -0.75 0.00	40.23 -0.75 0.00
RUSSELL___4 23556	61.96 -1.28 0.00	44.68 -1.07 0.00	32.31 -0.79 0.00	37.60 -0.92 0.00	37.96 -0.83 0.00	44.63 -1.03 0.00	49.82 -0.97 0.00	51.68 -1.41 0.00	43.27 -1.50 0.00	34.66 -1.51 0.00	31.04 -1.52 0.00	37.84 -1.88 0.00	29.35 -1.47 0.00	30.74 -1.67 0.00	27.99 -1.50 0.00	28.54 -1.45 0.00	21.85 -0.95 0.00	24.78 -1.12 0.00	33.50 -1.51 0.00	50.29 -1.92 0.00	147.30 -5.08 0.00	44.85 -1.34 0.00	41.01 -0.75 0.00	40.23 -0.75 0.00
RUSSELL__STATION 23914	61.96 -1.28 0.00	44.68 -1.07 0.00	32.31 -0.79 0.00	37.60 -0.92 0.00	37.96 -0.83 0.00	44.63 -1.03 0.00	49.82 -0.97 0.00	51.68 -1.41 0.00	43.27 -1.50 0.00	34.66 -1.51 0.00	31.04 -1.52 0.00	37.84 -1.88 0.00	29.35 -1.47 0.00	30.74 -1.67 0.00	27.99 -1.50 0.00	28.54 -1.45 0.00	21.85 -0.95 0.00	24.78 -1.12 0.00	33.50 -1.51 0.00	50.29 -1.92 0.00	147.30 -5.08 0.00	44.85 -1.34 0.00	41.01 -0.75 0.00	40.23 -0.75 0.00
S SALMON__HYD 24043	62.70 -0.54 0.00	45.17 -0.57 0.00	32.54 -0.56 0.00	37.89 -0.64 0.00	38.13 -0.67 0.00	45.07 -0.59 0.00	50.23 -0.57 0.00	52.48 -0.61 0.00	43.90 -0.88 0.00	35.19 -0.98 0.00	31.61 -0.96 0.00	38.41 -1.31 0.00	29.71 -1.11 0.00	31.18 -1.22 0.00	28.35 -1.14 0.00	28.80 -1.18 0.00	21.96 -0.84 0.00	25.08 -0.82 0.00	34.11 -0.89 0.00	51.32 -0.89 0.00	149.96 -2.42 0.00	45.36 -0.83 0.00	40.96 -0.79 0.00	40.15 -0.83 0.00
S.PERRY__115KV_TB1 80734	63.43 0.19 0.00	45.63 -0.11 0.00	33.04 -0.06 0.00	38.51 -0.02 0.00	38.90 0.10 0.00	45.70 0.03 0.00	51.05 0.25 0.00	52.88 -0.21 0.00	44.03 -0.74 0.00	34.53 -1.63 0.00	30.84 -1.73 0.00	37.62 -2.11 0.00	29.24 -1.58 0.00	30.60 -1.80 0.00	27.89 -1.60 0.00	28.39 -1.60 0.00	21.75 -1.06 0.00	24.74 -1.16 0.00	33.60 -1.40 0.00	51.32 -0.89 0.00	151.65 -0.74 0.00	46.27 0.08 0.00	42.36 0.60 0.00	41.61 0.63 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	59.95 -3.29 0.00	43.18 -2.56 0.00	31.26 -1.84 0.00	36.39 -2.14 0.00	36.80 -2.00 0.00	43.18 -2.48 0.00	48.23 -2.57 0.00	49.75 -3.34 0.00	41.65 -3.12 0.00	33.24 -2.93 0.00	29.65 -2.92 0.00	36.21 -3.51 0.00	28.14 -2.67 0.00	29.38 -3.02 0.00	26.78 -2.71 0.00	27.37 -2.61 0.00	21.03 -1.77 0.00	23.65 -2.25 0.00	31.66 -3.34 0.00	47.50 -4.71 0.00	139.72 -12.66 0.00	42.85 -3.34 0.00	39.76 -1.99 0.00	39.11 -1.87 0.00

SAWYER___23_KV_LOAD 55526	59.95 -3.29 0.00	43.18 -2.56 0.00	31.26 -1.84 0.00	36.39 -2.14 0.00	36.80 -2.00 0.00	43.18 -2.48 0.00	48.23 -2.57 0.00	49.75 -3.34 0.00	41.65 -3.12 0.00	33.24 -2.93 0.00	29.65 -2.92 0.00	36.21 -3.51 0.00	28.14 -2.67 0.00	29.38 -3.02 0.00	26.78 -2.71 0.00	27.37 -2.61 0.00	21.03 -1.77 0.00	23.65 -2.25 0.00	31.66 -3.34 0.00	47.50 -4.71 0.00	139.72 -12.66 0.00	42.85 -3.34 0.00	39.76 -1.99 0.00	39.11 -1.87 0.00
SELKIRK___I 23801	63.94 0.70 0.00	46.33 0.58 0.00	33.58 0.48 0.00	39.10 0.58 0.00	39.37 0.56 0.00	46.25 0.59 0.00	51.48 0.68 0.00	53.81 0.72 0.00	45.51 0.73 0.00	36.88 0.71 0.00	33.32 0.75 0.00	40.63 0.91 0.00	31.58 0.76 0.00	33.27 0.87 0.00	30.31 0.82 0.00	30.83 0.85 0.00	23.33 0.53 0.00	26.42 0.53 0.00	35.76 0.76 0.00	53.18 0.97 0.00	154.86 2.47 0.00	46.89 0.70 0.00	42.39 0.63 0.00	41.58 0.60 0.00
SELKIRK___II 23799	63.63 0.39 0.00	46.09 0.35 0.00	33.42 0.31 0.00	38.89 0.37 0.00	39.16 0.35 0.00	46.02 0.36 0.00	51.23 0.43 0.00	53.56 0.47 0.00	45.33 0.56 0.00	36.78 0.61 0.00	33.22 0.66 0.00	40.58 0.85 0.00	31.54 0.72 0.00	33.25 0.84 0.00	30.28 0.80 0.00	30.79 0.81 0.00	23.36 0.55 0.00	26.45 0.55 0.00	35.67 0.66 0.00	52.95 0.75 0.00	154.21 1.82 0.00	46.71 0.52 0.00	42.22 0.46 0.00	41.40 0.42 0.00
SENECA OSWGO___HYD 24041	61.91 -1.33 0.00	44.70 -1.04 0.00	32.34 -0.76 0.00	37.66 -0.86 0.00	37.94 -0.86 0.00	44.67 -0.99 0.00	49.77 -1.03 0.00	51.95 -1.14 0.00	43.68 -1.10 0.00	35.16 -1.01 0.00	31.62 -0.94 0.00	38.54 -1.18 0.00	29.90 -0.92 0.00	31.40 -1.00 0.00	28.58 -0.91 0.00	29.05 -0.94 0.00	22.12 -0.69 0.00	25.18 -0.72 0.00	34.12 -0.89 0.00	51.06 -1.15 0.00	149.22 -3.17 0.00	45.23 -0.96 0.00	40.93 -0.83 0.00	40.16 -0.82 0.00
SENECA___115KV_TB3 355854	60.88 -2.37 0.00	43.81 -1.93 0.00	31.72 -1.38 0.00	36.93 -1.59 0.00	37.35 -1.45 0.00	43.82 -1.84 0.00	48.97 -1.83 0.00	50.59 -2.50 0.00	42.31 -2.47 0.00	33.70 -2.46 0.00	30.11 -2.45 0.00	36.81 -2.92 0.00	28.60 -2.22 0.00	29.86 -2.55 0.00	27.22 -2.27 0.00	27.79 -2.19 0.00	21.35 -1.46 0.00	24.05 -1.85 0.00	32.24 -2.76 0.00	48.47 -3.74 0.00	142.65 -9.73 0.00	43.71 -2.48 0.00	40.46 -1.29 0.00	39.81 -1.17 0.00
SENECA___ENERGY 23797	62.49 -0.75 0.00	45.17 -0.57 0.00	32.70 -0.40 0.00	38.05 -0.47 0.00	38.38 -0.42 0.00	45.16 -0.50 0.00	50.37 -0.43 0.00	52.57 -0.52 0.00	44.01 -0.76 0.00	35.26 -0.91 0.00	31.67 -0.90 0.00	38.61 -1.11 0.00	29.93 -0.89 0.00	31.41 -0.99 0.00	28.61 -0.87 0.00	29.09 -0.89 0.00	22.20 -0.61 0.00	25.21 -0.69 0.00	34.23 -0.77 0.00	51.30 -0.90 0.00	150.23 -2.15 0.00	45.72 -0.46 0.00	41.52 -0.24 0.00	40.81 -0.17 0.00
SHOEMAKER___GT 23640	64.56 1.32 0.00	46.63 0.88 0.00	33.78 0.68 0.00	39.33 0.81 0.00	39.56 0.76 0.00	46.70 1.04 0.00	52.02 1.22 0.00	54.44 1.35 0.00	45.99 1.22 0.00	37.20 1.03 0.00	33.62 1.05 0.00	41.14 1.42 0.00	31.97 1.16 0.00	33.63 1.23 0.00	30.63 1.14 0.00	31.13 1.14 0.00	23.71 0.90 0.00	26.79 0.89 0.00	36.13 1.13 0.00	53.85 1.64 0.00	156.86 4.47 0.00	47.58 1.40 0.00	42.91 1.15 0.00	42.11 1.13 0.00
SHOEMAKR_138KV_BK 111 55601	64.53 1.29 0.00	46.61 0.87 0.00	33.75 0.65 0.00	39.31 0.79 0.00	39.54 0.74 0.00	46.67 1.01 0.00	51.99 1.20 0.00	54.44 1.35 0.00	45.99 1.22 0.00	37.19 1.02 0.00	33.63 1.06 0.00	41.14 1.42 0.00	31.99 1.17 0.00	33.66 1.25 0.00	30.65 1.16 0.00	31.14 1.16 0.00	23.72 0.91 0.00	26.80 0.90 0.00	36.13 1.13 0.00	53.84 1.63 0.00	156.84 4.45 0.00	47.58 1.39 0.00	42.90 1.14 0.00	42.10 1.12 0.00
SHOREHAM_IC_1 23715	64.92 1.68 0.00	46.78 1.04 0.00	34.01 0.91 0.00	39.67 1.15 0.00	39.65 0.85 0.00	46.91 1.25 0.00	51.95 1.15 0.00	54.46 1.42 0.05	46.31 1.54 0.00	37.74 1.59 0.01	34.54 1.97 0.00	41.77 2.05 0.00	32.20 1.58 0.20	34.08 1.84 0.16	31.19 1.92 0.22	31.66 1.79 0.11	23.55 1.67 0.93	26.92 1.64 0.62	37.00 2.04 0.03	55.30 3.09 0.00	159.41 8.06 1.03	48.98 2.80 0.00	43.73 1.98 0.00	42.89 1.91 0.00
SHOREHAM_IC_2 23716	64.92 1.68 0.00	46.78 1.04 0.00	34.01 0.91 0.00	39.67 1.15 0.00	39.65 0.85 0.00	46.91 1.25 0.00	51.95 1.15 0.00	54.46 1.42 0.05	46.31 1.54 0.00	37.74 1.59 0.01	34.54 1.97 0.00	41.77 2.05 0.00	32.20 1.58 0.20	34.08 1.84 0.16	31.19 1.92 0.22	31.66 1.79 0.11	23.55 1.67 0.93	26.92 1.64 0.62	37.00 2.04 0.03	55.30 3.09 0.00	159.41 8.06 1.03	48.98 2.80 0.00	43.73 1.98 0.00	42.89 1.91 0.00
SISSONVILLE____ 23735	63.74 0.50 0.00	46.08 0.34 0.00	33.24 0.14 0.00	38.62 0.11 0.00	38.96 0.16 0.00	45.89 0.23 0.00	50.64 -0.15 0.00	53.23 0.14 0.00	44.77 0.00 0.00	36.04 -0.12 0.00	32.12 -0.45 0.00	38.97 -0.75 0.00	30.08 -0.73 0.00	31.53 -0.88 0.00	28.59 -0.90 0.00	29.08 -0.91 0.00	22.25 -0.56 0.00	25.46 -0.44 0.00	34.55 -0.45 0.00	51.90 -0.31 0.00	151.68 -0.70 0.00	45.84 -0.34 0.00	41.38 -0.37 0.00	40.57 -0.41 0.00
SITHE_IND_GS1 24169	61.54 -1.70 0.00	44.47 -1.28 0.00	32.18 -0.92 0.00	37.45 -1.07 0.00	37.74 -1.06 0.00	44.40 -1.26 0.00	49.46 -1.34 0.00	51.64 -1.45 0.00	43.46 -1.32 0.00	35.05 -1.11 0.00	31.54 -1.03 0.00	38.44 -1.28 0.00	29.82 -0.99 0.00	31.33 -1.07 0.00	28.52 -0.97 0.00	29.00 -0.99 0.00	22.07 -0.73 0.00	25.08 -0.81 0.00	33.94 -1.06 0.00	50.70 -1.50 0.00	148.23 -4.15 0.00	44.91 -1.27 0.00	40.67 -1.08 0.00	39.92 -1.06 0.00
SITHE_IND_GS2 24170	61.54 -1.70 0.00	44.47 -1.28 0.00	32.18 -0.92 0.00	37.45 -1.07 0.00	37.74 -1.06 0.00	44.40 -1.26 0.00	49.46 -1.34 0.00	51.64 -1.45 0.00	43.46 -1.32 0.00	35.05 -1.11 0.00	31.54 -1.03 0.00	38.44 -1.28 0.00	29.82 -0.99 0.00	31.33 -1.07 0.00	28.52 -0.97 0.00	29.00 -0.99 0.00	22.07 -0.73 0.00	25.08 -0.81 0.00	33.94 -1.06 0.00	50.70 -1.50 0.00	148.23 -4.15 0.00	44.91 -1.27 0.00	40.67 -1.08 0.00	39.92 -1.06 0.00
SITHE_IND_GS3 24171	61.54 -1.70 0.00	44.47 -1.28 0.00	32.18 -0.92 0.00	37.45 -1.07 0.00	37.74 -1.06 0.00	44.40 -1.26 0.00	49.46 -1.34 0.00	51.64 -1.45 0.00	43.46 -1.32 0.00	35.05 -1.11 0.00	31.54 -1.03 0.00	38.44 -1.28 0.00	29.82 -0.99 0.00	31.33 -1.07 0.00	28.52 -0.97 0.00	29.00 -0.99 0.00	22.07 -0.73 0.00	25.08 -0.81 0.00	33.94 -1.06 0.00	50.70 -1.50 0.00	148.23 -4.15 0.00	44.91 -1.27 0.00	40.67 -1.08 0.00	39.92 -1.06 0.00
SITHE_IND_GS4 24172	61.54 -1.70 0.00	44.47 -1.28 0.00	32.18 -0.92 0.00	37.45 -1.07 0.00	37.74 -1.06 0.00	44.40 -1.26 0.00	49.46 -1.34 0.00	51.64 -1.45 0.00	43.46 -1.32 0.00	35.05 -1.11 0.00	31.54 -1.03 0.00	38.44 -1.28 0.00	29.82 -0.99 0.00	31.33 -1.07 0.00	28.52 -0.97 0.00	29.00 -0.99 0.00	22.07 -0.73 0.00	25.08 -0.81 0.00	33.94 -1.06 0.00	50.70 -1.50 0.00	148.23 -4.15 0.00	44.91 -1.27 0.00	40.67 -1.08 0.00	39.92 -1.06 0.00

SITHE___BATAVIA 24024	61.55 -1.69 0.00	44.32 -1.42 0.00	32.08 -1.02 0.00	37.33 -1.19 0.00	37.77 -1.04 0.00	44.37 -1.29 0.00	49.59 -1.21 0.00	51.15 -1.94 0.00	42.49 -2.28 0.00	33.71 -2.45 0.00	30.00 -2.57 0.00	36.59 -3.13 0.00	28.41 -2.40 0.00	29.71 -2.69 0.00	27.06 -2.43 0.00	27.63 -2.36 0.00	21.23 -1.58 0.00	23.91 -1.99 0.00	32.34 -2.66 0.00	48.98 -3.22 0.00	144.20 -8.19 0.00	44.07 -2.11 0.00	40.69 -1.06 0.00	39.94 -1.04 0.00
SITHE___INDEPEND 23800	61.53 -1.71 0.00	44.47 -1.28 0.00	32.18 -0.93 0.00	37.45 -1.07 0.00	37.74 -1.06 0.00	44.40 -1.26 0.00	49.46 -1.34 0.00	51.64 -1.46 0.00	43.47 -1.31 0.00	35.05 -1.11 0.00	31.54 -1.03 0.00	38.45 -1.27 0.00	29.82 -0.99 0.00	31.33 -1.07 0.00	28.52 -0.97 0.00	29.00 -0.98 0.00	22.07 -0.73 0.00	25.08 -0.82 0.00	33.94 -1.06 0.00	50.70 -1.50 0.00	148.17 -4.21 0.00	44.92 -1.27 0.00	40.67 -1.08 0.00	39.91 -1.06 0.00
SITHE___MASSENA 23902	64.74 1.50 0.00	46.84 1.10 0.00	33.85 0.75 0.00	39.33 0.81 0.00	39.66 0.86 0.00	46.65 0.99 0.00	51.51 0.71 0.00	54.07 0.98 0.00	45.54 0.76 0.00	36.74 0.58 0.00	32.85 0.29 0.00	39.97 0.25 0.00	30.94 0.12 0.00	32.45 0.05 0.00	29.47 -0.02 0.00	29.99 0.01 0.00	22.91 0.11 0.00	26.11 0.21 0.00	35.31 0.30 0.00	52.82 0.61 0.00	154.34 1.96 0.00	46.74 0.56 0.00	42.28 0.52 0.00	41.49 0.51 0.00
SITHE___OGDNSBRG 24021	65.51 2.27 0.00	47.39 1.65 0.00	34.22 1.12 0.00	39.75 1.23 0.00	40.09 1.29 0.00	47.22 1.56 0.00	52.10 1.31 0.00	54.70 1.61 0.00	45.96 1.19 0.00	36.96 0.80 0.00	32.86 0.29 0.00	39.82 0.09 0.00	30.74 -0.08 0.00	32.20 -0.20 0.00	29.22 -0.27 0.00	29.73 -0.25 0.00	22.79 -0.02 0.00	26.11 0.21 0.00	35.40 0.40 0.00	53.33 1.12 0.00	156.27 3.89 0.00	47.27 1.09 0.00	42.70 0.95 0.00	41.87 0.89 0.00
SITHE___STERLING 23777	64.50 1.26 0.00	46.56 0.82 0.00	33.64 0.54 0.00	39.18 0.66 0.00	39.44 0.64 0.00	46.48 0.82 0.00	51.85 1.05 0.00	54.17 1.08 0.00	45.58 0.80 0.00	36.65 0.48 0.00	32.92 0.35 0.00	40.00 0.28 0.00	30.98 0.16 0.00	32.55 0.14 0.00	29.60 0.11 0.00	30.03 0.05 0.00	22.85 0.05 0.00	26.09 0.19 0.00	35.52 0.52 0.00	53.37 1.17 0.00	156.14 3.76 0.00	47.23 1.04 0.00	42.63 0.88 0.00	41.80 0.82 0.00
SLEIGHT__34_KV_TB1 80719	61.91 -1.33 0.00	44.66 -1.08 0.00	32.32 -0.78 0.00	37.60 -0.93 0.00	37.97 -0.83 0.00	44.67 -0.99 0.00	49.84 -0.96 0.00	51.85 -1.24 0.00	43.34 -1.43 0.00	34.72 -1.44 0.00	31.11 -1.45 0.00	37.92 -1.80 0.00	29.39 -1.43 0.00	30.81 -1.59 0.00	28.05 -1.43 0.00	28.57 -1.42 0.00	21.83 -0.98 0.00	24.80 -1.10 0.00	33.67 -1.33 0.00	50.54 -1.67 0.00	148.10 -4.28 0.00	45.02 -1.16 0.00	40.98 -0.78 0.00	40.21 -0.77 0.00
SOUTH CAIRO___GT 23612	65.77 2.53 0.00	47.61 1.87 0.00	34.47 1.38 0.00	40.13 1.61 0.00	40.42 1.62 0.00	47.49 1.83 0.00	52.96 2.17 0.00	55.42 2.33 0.00	46.94 2.16 0.00	37.99 1.82 0.00	34.16 1.59 0.00	41.81 2.08 0.00	32.45 1.64 0.00	34.14 1.74 0.00	31.01 1.52 0.00	31.45 1.47 0.00	23.94 1.14 0.00	27.01 1.11 0.00	36.64 1.64 0.00	54.93 2.72 0.00	160.17 7.78 0.00	48.38 2.19 0.00	43.66 1.91 0.00	42.71 1.73 0.00
SOUTH HAMPTN___IC 23720	64.82 1.58 0.00	46.65 0.91 0.00	33.93 0.83 0.00	39.56 1.04 0.00	39.54 0.74 0.00	46.81 1.15 0.00	51.84 1.05 0.00	54.39 1.35 0.05	46.30 1.53 0.00	37.74 1.59 0.01	34.50 1.93 0.00	41.69 1.97 0.00	32.11 1.50 0.20	34.03 1.79 0.16	31.29 2.03 0.22	31.92 2.05 0.11	23.82 1.95 0.93	27.30 2.02 0.62	37.59 2.63 0.03	56.21 4.01 0.00	162.06 10.71 1.03	49.74 3.56 0.00	44.40 2.64 0.00	43.51 2.53 0.00
SOUTHDOW_115KV_TB1 355954	63.84 0.60 0.00	45.81 0.07 0.00	33.21 0.11 0.00	38.72 0.20 0.00	39.06 0.26 0.00	45.74 0.08 0.00	51.22 0.43 0.00	53.20 0.11 0.00	44.39 -0.38 0.00	35.39 -0.78 0.00	31.85 -0.72 0.00	38.88 -0.84 0.00	30.18 -0.63 0.00	31.47 -0.93 0.00	28.69 -0.79 0.00	29.19 -0.80 0.00	22.40 -0.41 0.00	25.37 -0.53 0.00	34.10 -0.90 0.00	51.44 -0.77 0.00	151.81 -0.57 0.00	46.23 0.05 0.00	42.50 0.74 0.00	41.84 0.86 0.00
SOUTHOLD_69_KV_BK 2 55809	64.24 1.00 0.00	46.21 0.47 0.00	33.61 0.51 0.00	39.19 0.67 0.00	39.17 0.37 0.00	46.37 0.71 0.00	51.38 0.58 0.00	53.96 0.92 0.05	45.99 1.21 0.00	37.48 1.33 0.01	34.24 1.68 0.00	41.31 1.60 0.00	31.84 1.23 0.20	33.81 1.57 0.16	31.25 1.99 0.22	32.05 2.18 0.11	24.05 2.18 0.93	27.65 2.36 0.62	38.11 3.14 0.03	56.99 4.78 0.00	164.47 13.11 1.03	50.37 4.19 0.00	44.95 3.20 0.00	44.02 3.04 0.00
SOUTHOLD___IC 23719	64.24 1.00 0.00	46.21 0.47 0.00	33.61 0.51 0.00	39.19 0.67 0.00	39.16 0.36 0.00	46.37 0.71 0.00	51.37 0.58 0.00	53.95 0.91 0.05	45.98 1.21 0.00	37.48 1.33 0.01	34.24 1.67 0.00	41.31 1.59 0.00	31.84 1.22 0.20	33.82 1.58 0.16	31.25 1.99 0.22	32.05 2.18 0.11	24.05 2.18 0.93	27.65 2.36 0.62	38.10 3.14 0.03	56.98 4.78 0.00	164.36 13.01 1.03	50.38 4.19 0.00	44.96 3.20 0.00	44.03 3.05 0.00
SOUTH_FORK_WT_PWR 323839	63.23 -0.02 0.00	45.46 -0.28 0.00	33.08 -0.02 0.00	38.55 0.03 0.00	38.53 -0.28 0.00	45.63 -0.03 0.00	50.56 -0.24 0.00	53.10 0.06 0.05	45.28 0.50 0.00	36.90 0.75 0.01	33.72 1.15 0.00	40.68 0.96 0.00	31.35 0.73 0.20	33.36 1.12 0.16	30.97 1.71 0.22	31.91 2.04 0.11	24.05 2.18 0.93	27.72 2.43 0.62	38.22 3.26 0.03	57.17 4.97 0.00	164.84 13.49 1.03	50.53 4.34 0.00	45.09 3.34 0.00	44.17 3.19 0.00
SPIERFLS_115KV_TB 1 80737	66.06 2.82 0.00	47.72 1.98 0.00	34.40 1.30 0.00	40.13 1.61 0.00	40.46 1.66 0.00	47.57 1.91 0.00	53.07 2.28 0.00	55.42 2.33 0.00	46.95 2.17 0.00	38.04 1.88 0.00	34.28 1.71 0.00	41.86 2.14 0.00	32.38 1.57 0.00	34.03 1.63 0.00	30.94 1.45 0.00	31.44 1.46 0.00	23.79 0.98 0.00	27.07 1.17 0.00	36.66 1.66 0.00	54.65 2.44 0.00	159.56 7.18 0.00	48.28 2.10 0.00	43.61 1.85 0.00	42.81 1.83 0.00
ST LAWRENCE____ 23600	63.90 0.66 0.00	46.26 0.51 0.00	33.44 0.34 0.00	38.86 0.33 0.00	39.18 0.38 0.00	46.07 0.40 0.00	51.08 0.28 0.00	53.42 0.33 0.00	45.02 0.24 0.00	36.34 0.18 0.00	32.55 -0.01 0.00	39.63 -0.09 0.00	30.70 -0.12 0.00	32.23 -0.18 0.00	29.27 -0.22 0.00	29.79 -0.20 0.00	22.73 -0.08 0.00	25.87 -0.03 0.00	34.96 -0.04 0.00	52.23 0.03 0.00	152.67 0.29 0.00	46.24 0.06 0.00	41.81 0.05 0.00	41.04 0.06 0.00
STATE_CA_115KV_115_LB 55624	63.66 0.42 0.00	46.12 0.38 0.00	33.45 0.36 0.00	38.93 0.41 0.00	39.20 0.40 0.00	46.03 0.37 0.00	51.27 0.47 0.00	53.61 0.52 0.00	45.41 0.63 0.00	36.89 0.73 0.00	33.33 0.77 0.00	40.70 0.98 0.00	31.64 0.82 0.00	33.37 0.97 0.00	30.39 0.91 0.00	30.90 0.92 0.00	23.43 0.63 0.00	26.55 0.65 0.00	35.83 0.82 0.00	53.10 0.89 0.00	154.57 2.18 0.00	46.76 0.58 0.00	42.30 0.55 0.00	41.44 0.46 0.00

STATE_ST_34_KV_LOAD 55959	63.30 0.06 0.00	45.78 0.04 0.00	33.14 0.04 0.00	38.47 -0.05 0.00	38.88 0.08 0.00	45.77 0.11 0.00	51.05 0.25 0.00	53.28 0.19 0.00	44.52 -0.25 0.00	35.77 -0.40 0.00	32.15 -0.41 0.00	39.18 -0.54 0.00	30.30 -0.52 0.00	31.87 -0.53 0.00	29.03 -0.46 0.00	29.52 -0.46 0.00	22.50 -0.31 0.00	25.52 -0.38 0.00	34.75 -0.25 0.00	52.00 -0.20 0.00	152.58 0.20 0.00	46.36 0.17 0.00	41.99 0.23 0.00	41.25 0.27 0.00
STATION 5_MISC_HYD 23604	61.65 -1.59 0.00	44.46 -1.28 0.00	32.17 -0.93 0.00	37.44 -1.08 0.00	37.81 -1.00 0.00	44.44 -1.22 0.00	49.59 -1.21 0.00	51.45 -1.64 0.00	43.09 -1.69 0.00	34.52 -1.65 0.00	30.91 -1.65 0.00	37.69 -2.04 0.00	29.23 -1.58 0.00	30.62 -1.79 0.00	27.87 -1.61 0.00	28.42 -1.56 0.00	21.77 -1.03 0.00	24.67 -1.23 0.00	33.32 -1.68 0.00	49.99 -2.22 0.00	146.49 -5.89 0.00	44.58 -1.61 0.00	40.78 -0.97 0.00	40.02 -0.96 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	62.21 -1.03 0.00	44.91 -0.83 0.00	32.50 -0.60 0.00	37.84 -0.68 0.00	38.19 -0.61 0.00	44.92 -0.74 0.00	50.12 -0.68 0.00	52.16 -0.93 0.00	43.66 -1.12 0.00	34.95 -1.22 0.00	31.32 -1.24 0.00	38.17 -1.55 0.00	29.59 -1.22 0.00	31.01 -1.39 0.00	28.24 -1.24 0.00	28.74 -1.24 0.00	21.98 -0.83 0.00	24.98 -0.91 0.00	33.91 -1.09 0.00	50.91 -1.30 0.00	149.05 -3.34 0.00	45.32 -0.87 0.00	41.25 -0.50 0.00	40.50 -0.48 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	61.38 -1.86 0.00	44.28 -1.46 0.00	32.04 -1.06 0.00	37.29 -1.24 0.00	37.64 -1.16 0.00	44.25 -1.41 0.00	49.37 -1.43 0.00	51.26 -1.84 0.00	42.95 -1.83 0.00	34.41 -1.76 0.00	30.83 -1.74 0.00	37.58 -2.14 0.00	29.15 -1.67 0.00	30.52 -1.88 0.00	27.79 -1.70 0.00	28.34 -1.65 0.00	21.69 -1.12 0.00	24.60 -1.30 0.00	33.24 -1.76 0.00	49.86 -2.35 0.00	146.05 -6.34 0.00	44.43 -1.76 0.00	40.61 -1.15 0.00	39.84 -1.14 0.00
STA_56___34_KV_BUS2 355983	61.38 -1.86 0.00	44.28 -1.46 0.00	32.04 -1.06 0.00	37.29 -1.24 0.00	37.64 -1.16 0.00	44.25 -1.41 0.00	49.37 -1.43 0.00	51.26 -1.84 0.00	42.95 -1.83 0.00	34.41 -1.76 0.00	30.83 -1.74 0.00	37.58 -2.14 0.00	29.15 -1.67 0.00	30.52 -1.88 0.00	27.79 -1.70 0.00	28.34 -1.65 0.00	21.69 -1.12 0.00	24.60 -1.30 0.00	33.24 -1.76 0.00	49.86 -2.35 0.00	146.05 -6.34 0.00	44.43 -1.76 0.00	40.61 -1.15 0.00	39.84 -1.14 0.00
STA_67___115KV_BK2 355882	61.53 -1.71 0.00	44.38 -1.37 0.00	32.11 -0.99 0.00	37.36 -1.15 0.00	37.73 -1.07 0.00	44.35 -1.31 0.00	49.50 -1.30 0.00	51.36 -1.74 0.00	43.02 -1.76 0.00	34.46 -1.71 0.00	30.86 -1.71 0.00	37.62 -2.09 0.00	29.19 -1.63 0.00	30.57 -1.84 0.00	27.84 -1.65 0.00	28.38 -1.61 0.00	21.72 -1.08 0.00	24.61 -1.28 0.00	33.24 -1.77 0.00	49.87 -2.34 0.00	146.06 -6.32 0.00	44.48 -1.70 0.00	40.69 -1.07 0.00	39.94 -1.04 0.00
STA_7___115KV_9TRANS 80674	61.96 -1.28 0.00	44.68 -1.07 0.00	32.31 -0.79 0.00	37.60 -0.92 0.00	37.96 -0.83 0.00	44.63 -1.03 0.00	49.82 -0.97 0.00	51.68 -1.41 0.00	43.27 -1.50 0.00	34.66 -1.51 0.00	31.04 -1.52 0.00	37.84 -1.88 0.00	29.35 -1.47 0.00	30.74 -1.67 0.00	27.99 -1.50 0.00	28.54 -1.45 0.00	21.85 -0.95 0.00	24.78 -1.12 0.00	33.50 -1.51 0.00	50.29 -1.92 0.00	147.30 -5.08 0.00	44.85 -1.34 0.00	41.01 -0.75 0.00	40.23 -0.75 0.00
STA_82___115KV_TB1 80780	61.52 -1.72 0.00	44.37 -1.37 0.00	32.11 -0.99 0.00	37.36 -1.15 0.00	37.73 -1.07 0.00	44.35 -1.31 0.00	49.49 -1.31 0.00	51.34 -1.75 0.00	43.01 -1.77 0.00	34.44 -1.72 0.00	30.84 -1.72 0.00	37.60 -2.12 0.00	29.16 -1.65 0.00	30.55 -1.86 0.00	27.81 -1.67 0.00	28.36 -1.62 0.00	21.71 -1.09 0.00	24.60 -1.30 0.00	33.22 -1.78 0.00	49.86 -2.35 0.00	146.06 -6.32 0.00	44.48 -1.71 0.00	40.69 -1.07 0.00	39.93 -1.05 0.00
STEEL___WIND 323596	60.79 -2.45 0.00	43.77 -1.97 0.00	31.69 -1.41 0.00	36.89 -1.63 0.00	37.29 -1.51 0.00	43.78 -1.88 0.00	48.91 -1.88 0.00	50.54 -2.56 0.00	42.25 -2.53 0.00	33.65 -2.51 0.00	30.07 -2.50 0.00	36.72 -3.00 0.00	28.55 -2.26 0.00	29.82 -2.59 0.00	27.17 -2.31 0.00	27.75 -2.23 0.00	21.32 -1.49 0.00	24.02 -1.88 0.00	32.18 -2.82 0.00	48.39 -3.82 0.00	142.56 -9.82 0.00	43.67 -2.51 0.00	40.43 -1.33 0.00	39.79 -1.19 0.00
STEPHTWN_115KV_BK_2 55603	64.17 0.93 0.00	46.43 0.69 0.00	33.65 0.55 0.00	39.21 0.68 0.00	39.33 0.53 0.00	46.30 0.64 0.00	51.70 0.90 0.00	53.92 0.83 0.00	45.71 0.93 0.00	37.14 0.97 0.00	33.56 1.00 0.00	41.05 1.33 0.00	31.88 1.06 0.00	33.67 1.26 0.00	30.62 1.13 0.00	31.08 1.10 0.00	23.63 0.83 0.00	26.79 0.89 0.00	36.12 1.12 0.00	53.62 1.42 0.00	155.92 3.54 0.00	47.10 0.91 0.00	42.61 0.85 0.00	41.68 0.70 0.00
STEUBEN_REC_LFGE 323667	62.54 -0.70 0.00	45.00 -0.74 0.00	32.65 -0.45 0.00	38.13 -0.39 0.00	38.48 -0.32 0.00	45.08 -0.58 0.00	50.32 -0.48 0.00	52.13 -0.97 0.00	43.36 -1.41 0.00	34.29 -1.87 0.00	30.50 -2.07 0.00	37.17 -2.55 0.00	28.97 -1.85 0.00	30.49 -1.91 0.00	27.85 -1.63 0.00	28.30 -1.68 0.00	21.66 -1.15 0.00	24.64 -1.26 0.00	33.59 -1.41 0.00	51.03 -1.17 0.00	150.51 -1.88 0.00	45.94 -0.24 0.00	42.25 0.49 0.00	41.67 0.68 0.00
STILLWATER___SOLAR 323814	65.33 2.08 0.00	47.24 1.50 0.00	34.14 1.04 0.00	39.78 1.26 0.00	40.11 1.30 0.00	47.14 1.48 0.00	52.56 1.76 0.00	54.89 1.80 0.00	46.46 1.68 0.00	37.65 1.48 0.00	33.95 1.39 0.00	41.49 1.76 0.00	32.13 1.31 0.00	33.81 1.41 0.00	30.75 1.27 0.00	31.27 1.28 0.00	23.64 0.83 0.00	26.91 1.01 0.00	36.47 1.46 0.00	54.30 2.09 0.00	158.19 5.81 0.00	47.87 1.68 0.00	43.23 1.47 0.00	42.43 1.45 0.00
STONY___BROOK 24151	64.77 1.53 0.00	46.69 0.95 0.00	33.93 0.83 0.00	39.59 1.07 0.00	39.58 0.78 0.00	46.82 1.16 0.00	51.83 1.04 0.00	54.34 1.29 0.05	46.19 1.41 0.00	37.65 1.50 0.01	34.52 1.95 0.00	41.83 2.11 0.00	32.25 1.63 0.20	34.04 1.81 0.16	31.10 1.83 0.22	31.58 1.71 0.11	23.44 1.56 0.93	26.78 1.50 0.62	36.79 1.83 0.03	54.92 2.72 0.00	158.29 6.93 1.03	48.62 2.44 0.00	43.42 1.66 0.00	42.58 1.60 0.00
STURGEON_POOL_HYD 23609	65.19 1.95 0.00	47.08 1.34 0.00	34.09 0.99 0.00	39.69 1.17 0.00	39.91 1.11 0.00	47.12 1.46 0.00	52.47 1.67 0.00	54.98 1.89 0.00	46.50 1.72 0.00	37.61 1.44 0.00	34.08 1.51 0.00	41.69 1.97 0.00	32.44 1.63 0.00	34.16 1.75 0.00	31.14 1.66 0.00	31.68 1.69 0.00	24.10 1.29 0.00	27.20 1.30 0.00	36.62 1.62 0.00	54.47 2.26 0.00	158.61 6.22 0.00	48.14 1.95 0.00	43.38 1.62 0.00	42.54 1.56 0.00
ST_LAW_115_BK7_LBMP 345037	63.94 0.70 0.00	46.29 0.55 0.00	33.47 0.37 0.00	38.88 0.36 0.00	39.21 0.41 0.00	46.11 0.45 0.00	51.08 0.29 0.00	53.43 0.34 0.00	45.02 0.25 0.00	36.35 0.18 0.00	32.54 -0.03 0.00	39.61 -0.11 0.00	30.69 -0.13 0.00	32.21 -0.20 0.00	29.24 -0.25 0.00	29.76 -0.22 0.00	22.71 -0.09 0.00	25.87 -0.03 0.00	34.95 -0.05 0.00	52.23 0.02 0.00	152.61 0.23 0.00	46.23 0.04 0.00	41.81 0.05 0.00	41.05 0.07 0.00

ST_LAW_115_BK8_LBMP 345038	63.94 0.70 0.00	46.29 0.55 0.00	33.47 0.37 0.00	38.88 0.36 0.00	39.21 0.41 0.00	46.11 0.45 0.00	51.08 0.29 0.00	53.43 0.34 0.00	45.02 0.25 0.00	36.35 0.18 0.00	32.54 -0.03 0.00	39.61 -0.11 0.00	30.69 -0.13 0.00	32.21 -0.20 0.00	29.24 -0.25 0.00	29.76 -0.22 0.00	22.71 -0.09 0.00	25.87 -0.03 0.00	34.95 -0.05 0.00	52.23 0.02 0.00	152.61 0.23 0.00	46.23 0.04 0.00	41.81 0.05 0.00	41.05 0.07 0.00
ST_LAW_230_BK5_LBMP 345035	63.90 0.66 0.00	46.26 0.51 0.00	33.44 0.34 0.00	38.86 0.33 0.00	39.18 0.38 0.00	46.07 0.40 0.00	51.08 0.28 0.00	53.42 0.33 0.00	45.02 0.24 0.00	36.34 0.18 0.00	32.55 -0.01 0.00	39.63 -0.09 0.00	30.70 -0.12 0.00	32.23 -0.18 0.00	29.27 -0.22 0.00	29.79 -0.20 0.00	22.73 -0.08 0.00	25.87 -0.03 0.00	34.96 -0.04 0.00	52.23 0.03 0.00	152.67 0.29 0.00	46.24 0.06 0.00	41.81 0.05 0.00	41.04 0.06 0.00
ST_LAW_230_BK6_LBMP 345036	63.90 0.66 0.00	46.26 0.51 0.00	33.44 0.34 0.00	38.86 0.33 0.00	39.18 0.38 0.00	46.07 0.40 0.00	51.08 0.28 0.00	53.42 0.33 0.00	45.02 0.24 0.00	36.34 0.18 0.00	32.55 -0.01 0.00	39.63 -0.09 0.00	30.70 -0.12 0.00	32.23 -0.18 0.00	29.27 -0.22 0.00	29.79 -0.20 0.00	22.73 -0.08 0.00	25.87 -0.03 0.00	34.96 -0.04 0.00	52.23 0.03 0.00	152.67 0.29 0.00	46.24 0.06 0.00	41.81 0.05 0.00	41.04 0.06 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	64.71 1.47 0.00	46.72 0.98 0.00	33.82 0.72 0.00	39.39 0.87 0.00	39.61 0.81 0.00	46.81 1.15 0.00	52.15 1.36 0.00	54.66 1.57 0.00	46.19 1.41 0.00	37.33 1.16 0.00	33.80 1.23 0.00	41.32 1.61 0.00	32.19 1.37 0.00	33.88 1.48 0.00	30.86 1.37 0.00	31.34 1.36 0.00	23.87 1.06 0.00	26.94 1.04 0.00	36.31 1.31 0.00	54.08 1.87 0.00	157.51 5.12 0.00	47.75 1.56 0.00	43.05 1.29 0.00	42.23 1.25 0.00
SWANROAD_115KV_TB1 355699	58.82 -4.42 0.00	42.39 -3.35 0.00	30.69 -2.41 0.00	35.70 -2.82 0.00	36.15 -2.65 0.00	42.43 -3.23 0.00	47.40 -3.40 0.00	48.70 -4.40 0.00	40.65 -4.12 0.00	32.40 -3.76 0.00	28.84 -3.73 0.00	35.28 -4.44 0.00	27.46 -3.35 0.00	28.67 -3.74 0.00	26.12 -3.36 0.00	26.73 -3.26 0.00	20.56 -2.25 0.00	22.98 -2.92 0.00	30.68 -4.32 0.00	46.06 -6.15 0.00	135.36 -17.03 0.00	41.62 -4.56 0.00	38.79 -2.97 0.00	38.17 -2.81 0.00
SYNERGY___BIOGAS 323694	61.55 -1.69 0.00	44.32 -1.42 0.00	32.08 -1.02 0.00	37.33 -1.19 0.00	37.77 -1.04 0.00	44.37 -1.29 0.00	49.59 -1.21 0.00	51.15 -1.94 0.00	42.50 -2.28 0.00	33.71 -2.46 0.00	30.00 -2.57 0.00	36.60 -3.12 0.00	28.41 -2.40 0.00	29.71 -2.69 0.00	27.06 -2.43 0.00	27.62 -2.37 0.00	21.22 -1.58 0.00	23.90 -2.00 0.00	32.34 -2.67 0.00	48.98 -3.23 0.00	144.15 -8.23 0.00	44.09 -2.10 0.00	40.69 -1.07 0.00	39.94 -1.04 0.00
SYRACUSE___ENERGY_ST1 323597	62.87 -0.37 0.00	45.42 -0.32 0.00	32.86 -0.23 0.00	38.25 -0.27 0.00	38.55 -0.25 0.00	45.37 -0.28 0.00	50.58 -0.22 0.00	52.81 -0.28 0.00	44.36 -0.41 0.00	35.71 -0.46 0.00	32.13 -0.44 0.00	39.16 -0.56 0.00	30.37 -0.44 0.00	31.91 -0.49 0.00	29.05 -0.44 0.00	29.52 -0.46 0.00	22.49 -0.32 0.00	25.58 -0.32 0.00	34.67 -0.33 0.00	51.80 -0.40 0.00	151.57 -0.81 0.00	45.94 -0.24 0.00	41.58 -0.17 0.00	40.84 -0.14 0.00
SYRACUSE___ENERGY_ST2 323598	62.87 -0.37 0.00	45.42 -0.32 0.00	32.86 -0.23 0.00	38.25 -0.27 0.00	38.55 -0.25 0.00	45.37 -0.28 0.00	50.58 -0.22 0.00	52.81 -0.28 0.00	44.36 -0.41 0.00	35.71 -0.46 0.00	32.13 -0.44 0.00	39.16 -0.56 0.00	30.37 -0.44 0.00	31.91 -0.49 0.00	29.05 -0.44 0.00	29.52 -0.46 0.00	22.49 -0.32 0.00	25.58 -0.32 0.00	34.67 -0.33 0.00	51.80 -0.40 0.00	151.57 -0.81 0.00	45.94 -0.24 0.00	41.58 -0.17 0.00	40.84 -0.14 0.00
SYRACUSE___POWER 24017	62.87 -0.37 0.00	45.40 -0.34 0.00	32.85 -0.25 0.00	38.25 -0.27 0.00	38.54 -0.26 0.00	45.35 -0.31 0.00	50.56 -0.24 0.00	52.78 -0.31 0.00	44.38 -0.39 0.00	35.71 -0.45 0.00	32.13 -0.43 0.00	39.16 -0.56 0.00	30.39 -0.43 0.00	31.91 -0.49 0.00	29.05 -0.44 0.00	29.52 -0.46 0.00	22.48 -0.32 0.00	25.58 -0.32 0.00	34.66 -0.34 0.00	51.85 -0.36 0.00	151.66 -0.73 0.00	45.97 -0.22 0.00	41.61 -0.14 0.00	40.85 -0.13 0.00
TALLMAN___138KV_BK151 55660	64.88 1.64 0.00	46.83 1.09 0.00	33.87 0.77 0.00	39.48 0.96 0.00	39.69 0.89 0.00	46.96 1.30 0.00	52.35 1.55 0.00	54.88 1.79 0.00	46.37 1.59 0.00	37.46 1.30 0.00	33.95 1.39 0.00	41.53 1.81 0.00	32.36 1.55 0.00	34.06 1.66 0.00	31.02 1.54 0.00	31.50 1.51 0.00	23.99 1.19 0.00	27.06 1.16 0.00	36.45 1.45 0.00	54.30 2.10 0.00	158.11 5.73 0.00	47.92 1.74 0.00	43.19 1.43 0.00	42.39 1.41 0.00
TEALLAVE_115KV_TB7 355573	62.53 -0.71 0.00	45.16 -0.59 0.00	32.68 -0.43 0.00	38.05 -0.47 0.00	38.33 -0.47 0.00	45.11 -0.55 0.00	50.28 -0.52 0.00	52.49 -0.60 0.00	44.14 -0.63 0.00	35.53 -0.64 0.00	31.98 -0.59 0.00	38.99 -0.73 0.00	30.25 -0.57 0.00	31.77 -0.64 0.00	28.93 -0.56 0.00	29.40 -0.58 0.00	22.39 -0.42 0.00	25.47 -0.43 0.00	34.48 -0.52 0.00	51.55 -0.66 0.00	150.75 -1.64 0.00	45.69 -0.49 0.00	41.37 -0.38 0.00	40.62 -0.37 0.00
TELGRAPH_34_KV_EAST 80808	60.25 -2.99 0.00	43.39 -2.35 0.00	31.42 -1.68 0.00	36.56 -1.96 0.00	37.00 -1.80 0.00	43.44 -2.22 0.00	48.54 -2.26 0.00	49.97 -3.12 0.00	41.68 -3.09 0.00	33.18 -2.99 0.00	29.55 -3.02 0.00	36.09 -3.64 0.00	28.04 -2.77 0.00	29.29 -3.11 0.00	26.68 -2.80 0.00	27.27 -2.71 0.00	20.96 -1.85 0.00	23.54 -2.36 0.00	31.63 -3.37 0.00	47.63 -4.57 0.00	140.04 -12.34 0.00	42.92 -3.26 0.00	39.82 -1.94 0.00	39.12 -1.86 0.00
TEMPLE___115KV_TB 2 55572	62.55 -0.69 0.00	45.18 -0.56 0.00	32.69 -0.42 0.00	38.06 -0.46 0.00	38.35 -0.45 0.00	45.14 -0.53 0.00	50.30 -0.50 0.00	52.51 -0.59 0.00	44.16 -0.62 0.00	35.56 -0.61 0.00	32.00 -0.57 0.00	39.00 -0.72 0.00	30.27 -0.55 0.00	31.79 -0.61 0.00	28.94 -0.54 0.00	29.42 -0.56 0.00	22.40 -0.41 0.00	25.48 -0.42 0.00	34.50 -0.50 0.00	51.58 -0.63 0.00	150.82 -1.56 0.00	45.71 -0.47 0.00	41.40 -0.36 0.00	40.63 -0.35 0.00
TIANA____69_KV_BK 1 55817	64.97 1.73 0.00	46.78 1.03 0.00	34.02 0.91 0.00	39.67 1.15 0.00	39.64 0.84 0.00	46.91 1.25 0.00	51.96 1.16 0.00	54.51 1.47 0.05	46.39 1.62 0.00	37.82 1.66 0.01	34.58 2.01 0.00	41.79 2.07 0.00	32.19 1.58 0.20	34.08 1.84 0.16	31.30 2.03 0.22	31.88 2.01 0.11	23.76 1.88 0.93	27.20 1.92 0.62	37.44 2.47 0.03	55.97 3.76 0.00	161.52 10.17 1.03	49.54 3.36 0.00	44.22 2.47 0.00	43.34 2.36 0.00
TILDEN___115KV_TB1 80814	62.87 -0.37 0.00	45.40 -0.34 0.00	32.85 -0.25 0.00	38.25 -0.27 0.00	38.54 -0.26 0.00	45.35 -0.31 0.00	50.56 -0.24 0.00	52.78 -0.31 0.00	44.38 -0.39 0.00	35.71 -0.45 0.00	32.13 -0.43 0.00	39.16 -0.56 0.00	30.39 -0.43 0.00	31.91 -0.49 0.00	29.05 -0.44 0.00	29.52 -0.46 0.00	22.48 -0.32 0.00	25.58 -0.32 0.00	34.66 -0.34 0.00	51.85 -0.36 0.00	151.66 -0.73 0.00	45.97 -0.22 0.00	41.61 -0.14 0.00	40.85 -0.13 0.00

TRIGEN___CC 323695	65.04 1.80 0.00	46.90 1.16 0.00	34.05 0.95 0.00	39.66 1.14 0.00	39.71 0.91 0.00	46.99 1.33 0.00	52.11 1.32 0.00	54.63 1.52 -0.01	46.32 1.55 0.00	37.65 1.50 0.01	34.40 1.83 0.00	41.88 2.16 0.00	32.40 1.78 0.20	34.17 1.93 0.16	31.15 1.89 0.22	31.68 1.81 0.11	23.37 1.50 0.93	26.76 1.47 0.62	36.70 1.74 0.03	54.66 2.45 0.00	158.99 6.32 -0.28	48.32 2.14 0.00	43.32 1.57 0.00	42.50 1.52 0.00
TRINITY___115KV___4 BK 55933	63.42 0.18 0.00	45.95 0.21 0.00	33.34 0.24 0.00	38.79 0.27 0.00	39.07 0.27 0.00	45.87 0.20 0.00	51.07 0.28 0.00	53.40 0.30 0.00	45.25 0.47 0.00	36.76 0.60 0.00	33.22 0.66 0.00	40.57 0.85 0.00	31.54 0.72 0.00	33.26 0.86 0.00	30.30 0.81 0.00	30.80 0.82 0.00	23.36 0.56 0.00	26.46 0.56 0.00	35.68 0.67 0.00	52.88 0.68 0.00	153.88 1.50 0.00	46.56 0.38 0.00	42.13 0.37 0.00	41.28 0.30 0.00
UNION___PROCESSING_DRP 323587	61.54 -1.71 0.00	44.38 -1.36 0.00	32.11 -0.99 0.00	37.36 -1.15 0.00	37.73 -1.07 0.00	44.35 -1.31 0.00	49.50 -1.29 0.00	51.36 -1.74 0.00	43.01 -1.77 0.00	34.45 -1.71 0.00	30.85 -1.72 0.00	37.60 -2.12 0.00	29.16 -1.65 0.00	30.55 -1.85 0.00	27.81 -1.67 0.00	28.36 -1.62 0.00	21.71 -1.09 0.00	24.60 -1.30 0.00	33.23 -1.77 0.00	49.87 -2.34 0.00	146.06 -6.32 0.00	44.48 -1.70 0.00	40.69 -1.07 0.00	39.94 -1.04 0.00
UPPER HUDSON___HYD 24058	66.07 2.83 0.00	47.72 1.98 0.00	34.40 1.30 0.00	40.13 1.61 0.00	40.45 1.66 0.00	47.57 1.91 0.00	53.07 2.28 0.00	55.42 2.33 0.00	46.95 2.17 0.00	38.04 1.88 0.00	34.28 1.71 0.00	41.86 2.13 0.00	32.38 1.57 0.00	34.03 1.63 0.00	30.94 1.45 0.00	31.44 1.46 0.00	23.79 0.99 0.00	27.07 1.17 0.00	36.66 1.66 0.00	54.65 2.44 0.00	159.56 7.18 0.00	48.29 2.10 0.00	43.60 1.85 0.00	42.81 1.83 0.00
UPPER RAQUET___HYD 24056	63.74 0.50 0.00	46.08 0.34 0.00	33.24 0.14 0.00	38.62 0.11 0.00	38.96 0.16 0.00	45.89 0.23 0.00	50.64 -0.15 0.00	53.23 0.14 0.00	44.77 0.00 0.00	36.04 -0.12 0.00	32.12 -0.45 0.00	38.97 -0.75 0.00	30.09 -0.73 0.00	31.53 -0.87 0.00	28.59 -0.90 0.00	29.07 -0.91 0.00	22.25 -0.55 0.00	25.46 -0.44 0.00	34.55 -0.45 0.00	51.90 -0.31 0.00	151.68 -0.70 0.00	45.84 -0.34 0.00	41.38 -0.37 0.00	40.57 -0.41 0.00
VALLEY44_115KV_TB2 355964	63.05 -0.19 0.00	45.37 -0.38 0.00	32.90 -0.20 0.00	38.43 -0.09 0.00	38.74 -0.06 0.00	45.33 -0.32 0.00	50.62 -0.18 0.00	52.61 -0.48 0.00	44.02 -0.76 0.00	35.23 -0.94 0.00	31.78 -0.78 0.00	38.86 -0.86 0.00	30.16 -0.66 0.00	31.51 -0.89 0.00	28.76 -0.73 0.00	29.24 -0.74 0.00	22.37 -0.44 0.00	25.30 -0.60 0.00	33.92 -1.08 0.00	51.03 -1.18 0.00	150.43 -1.96 0.00	45.73 -0.46 0.00	41.94 0.18 0.00	41.45 0.47 0.00
VALLEY___115KV_TB 1-4 80826	62.57 -0.67 0.00	45.25 -0.49 0.00	32.79 -0.31 0.00	38.13 -0.39 0.00	38.29 -0.51 0.00	45.00 -0.66 0.00	50.16 -0.64 0.00	52.64 -0.45 0.00	44.55 -0.23 0.00	36.05 -0.11 0.00	32.65 0.09 0.00	39.80 0.07 0.00	30.63 -0.18 0.00	32.34 -0.07 0.00	29.28 -0.20 0.00	29.61 -0.37 0.00	22.24 -0.57 0.00	25.34 -0.55 0.00	34.81 -0.19 0.00	52.24 0.04 0.00	152.59 0.20 0.00	46.05 -0.13 0.00	41.52 -0.23 0.00	40.53 -0.45 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	65.99 2.75 0.00	47.71 1.97 0.00	34.52 1.42 0.00	40.17 1.65 0.00	40.43 1.63 0.00	47.62 1.96 0.00	53.02 2.23 0.00	55.47 2.37 0.00	46.82 2.04 0.00	37.80 1.64 0.00	34.08 1.52 0.00	41.59 1.87 0.00	32.21 1.39 0.00	33.83 1.43 0.00	30.74 1.25 0.00	31.23 1.24 0.00	23.77 0.96 0.00	26.98 1.08 0.00	36.58 1.57 0.00	54.56 2.35 0.00	159.29 6.91 0.00	48.23 2.05 0.00	43.55 1.79 0.00	42.78 1.80 0.00
VISCHER___FERRY HYD 24020	64.23 0.99 0.00	46.52 0.77 0.00	33.65 0.55 0.00	39.21 0.69 0.00	39.50 0.69 0.00	46.41 0.75 0.00	51.72 0.92 0.00	54.05 0.96 0.00	45.79 1.01 0.00	37.16 0.99 0.00	33.55 0.98 0.00	41.00 1.28 0.00	31.81 0.99 0.00	33.55 1.14 0.00	30.53 1.04 0.00	31.04 1.05 0.00	23.50 0.69 0.00	26.67 0.77 0.00	36.02 1.02 0.00	53.47 1.27 0.00	155.68 3.30 0.00	47.10 0.92 0.00	42.58 0.82 0.00	41.74 0.75 0.00
V_A_10_SYNC_DSASP 323832	60.47 -2.77 0.00	43.60 -2.14 0.00	31.57 -1.53 0.00	36.76 -1.77 0.00	37.13 -1.67 0.00	43.59 -2.07 0.00	48.65 -2.15 0.00	50.33 -2.76 0.00	42.18 -2.60 0.00	33.78 -2.39 0.00	30.21 -2.35 0.00	36.83 -2.89 0.00	28.59 -2.22 0.00	29.92 -2.49 0.00	27.25 -2.24 0.00	27.82 -2.17 0.00	21.34 -1.47 0.00	24.08 -1.82 0.00	32.32 -2.68 0.00	48.44 -3.77 0.00	142.03 -10.36 0.00	43.34 -2.84 0.00	39.93 -1.83 0.00	39.26 -1.72 0.00
V_CMM_10_SYNC_DSASP 323787	64.21 0.97 0.00	46.52 0.77 0.00	33.63 0.53 0.00	39.07 0.55 0.00	39.39 0.59 0.00	46.33 0.67 0.00	51.33 0.54 0.00	53.69 0.60 0.00	45.24 0.46 0.00	36.52 0.36 0.00	32.69 0.12 0.00	39.80 0.07 0.00	30.82 0.00 0.00	32.34 -0.06 0.00	29.38 -0.11 0.00	29.90 -0.08 0.00	22.82 0.02 0.00	25.99 0.09 0.00	35.12 0.12 0.00	52.48 0.28 0.00	153.34 0.96 0.00	46.30 0.11 0.00	41.86 0.10 0.00	41.10 0.12 0.00
V_CMP_10_SYNC_DSASP 323788	65.48 2.23 0.00	47.51 1.77 0.00	34.39 1.29 0.00	39.87 1.35 0.00	40.18 1.39 0.00	47.30 1.64 0.00	52.47 1.67 0.00	54.78 1.69 0.00	46.32 1.55 0.00	37.35 1.18 0.00	33.36 0.79 0.00	40.47 0.74 0.00	31.22 0.41 0.00	32.75 0.34 0.00	29.62 0.13 0.00	30.01 0.03 0.00	22.96 0.15 0.00	26.21 0.31 0.00	35.62 0.62 0.00	53.36 1.15 0.00	156.23 3.85 0.00	47.19 1.00 0.00	42.31 0.56 0.00	41.31 0.33 0.00
V_D_10_SYNC_DSASP 323841	64.74 1.49 0.00	46.84 1.10 0.00	33.85 0.75 0.00	39.33 0.81 0.00	39.66 0.86 0.00	46.65 0.98 0.00	51.51 0.71 0.00	54.07 0.97 0.00	45.54 0.76 0.00	36.73 0.57 0.00	32.85 0.29 0.00	39.97 0.25 0.00	30.94 0.12 0.00	32.45 0.05 0.00	29.47 -0.02 0.00	30.00 0.01 0.00	22.91 0.11 0.00	26.11 0.21 0.00	35.31 0.30 0.00	52.82 0.61 0.00	154.34 1.96 0.00	46.74 0.56 0.00	42.27 0.51 0.00	41.49 0.51 0.00
V_E_10_SYNC_DSASP 323830	66.96 3.72 0.00	48.26 2.52 0.00	34.88 1.78 0.00	40.33 1.81 0.00	40.42 1.62 0.00	47.12 1.46 0.00	52.68 1.89 0.00	55.08 1.99 0.00	46.54 1.76 0.00	37.45 1.29 0.00	33.52 0.96 0.00	40.37 0.65 0.00	31.28 0.47 0.00	32.70 0.30 0.00	29.68 0.20 0.00	30.20 0.22 0.00	22.81 0.00 0.00	26.03 0.13 0.00	35.85 0.85 0.00	54.87 2.66 0.00	162.29 9.91 0.00	49.14 2.96 0.00	44.42 2.66 0.00	43.68 2.70 0.00
V_F_30_NSYNC___DSASP 323816	65.43 2.20 0.00	47.31 1.57 0.00	34.19 1.09 0.00	39.85 1.33 0.00	40.16 1.37 0.00	47.23 1.57 0.00	52.64 1.84 0.00	54.97 1.88 0.00	46.53 1.75 0.00	37.70 1.54 0.00	34.01 1.44 0.00	41.55 1.83 0.00	32.18 1.36 0.00	33.88 1.48 0.00	30.80 1.31 0.00	31.32 1.34 0.00	23.69 0.88 0.00	26.97 1.07 0.00	36.53 1.53 0.00	54.40 2.19 0.00	158.50 6.12 0.00	47.95 1.76 0.00	43.31 1.55 0.00	42.50 1.52 0.00



V_F_30_SYNC_DSASP 323786	63.65 0.41 0.00	46.11 0.36 0.00	33.45 0.36 0.00	38.92 0.41 0.00	39.19 0.40 0.00	46.03 0.37 0.00	51.27 0.47 0.00	53.61 0.52 0.00	45.40 0.63 0.00	36.89 0.73 0.00	33.33 0.77 0.00	40.70 0.97 0.00	31.64 0.82 0.00	33.37 0.96 0.00	30.39 0.91 0.00	30.90 0.91 0.00	23.43 0.63 0.00	26.55 0.65 0.00	35.82 0.82 0.00	53.10 0.89 0.00	154.57 2.18 0.00	46.75 0.57 0.00	42.30 0.54 0.00	41.44 0.45 0.00
V_XM_10_SYNC_DSASP 323789	65.48 2.23 0.00	47.51 1.77 0.00	34.39 1.29 0.00	39.87 1.35 0.00	40.18 1.39 0.00	47.30 1.64 0.00	52.47 1.67 0.00	54.78 1.69 0.00	46.32 1.55 0.00	37.35 1.18 0.00	33.36 0.79 0.00	40.47 0.74 0.00	31.22 0.41 0.00	32.75 0.34 0.00	29.62 0.13 0.00	30.01 0.03 0.00	22.96 0.15 0.00	26.21 0.31 0.00	35.62 0.62 0.00	53.36 1.15 0.00	156.23 3.85 0.00	47.19 1.00 0.00	42.31 0.56 0.00	41.31 0.33 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	65.16 1.92 0.00	47.02 1.28 0.00	34.02 0.92 0.00	39.64 1.12 0.00	39.85 1.06 0.00	47.14 1.48 0.00	52.55 1.75 0.00	55.08 1.99 0.00	46.56 1.78 0.00	37.63 1.46 0.00	34.10 1.53 0.00	41.71 1.98 0.00	32.49 1.68 0.00	34.20 1.79 0.00	31.15 1.66 0.00	31.63 1.64 0.00	24.10 1.29 0.00	27.18 1.28 0.00	36.61 1.62 0.00	54.55 2.35 0.00	158.82 6.43 0.00	48.15 1.96 0.00	43.38 1.62 0.00	42.57 1.59 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	65.88 2.64 0.00	47.50 1.76 0.00	34.41 1.31 0.00	40.09 1.57 0.00	40.28 1.48 0.00	47.64 1.98 0.00	53.05 2.26 0.00	55.61 2.52 0.00	47.09 2.31 0.00	38.29 1.99 -0.13	34.63 2.05 0.00	42.30 2.58 0.00	35.06 2.10 -2.14	36.39 2.24 -1.75	33.93 2.09 -2.35	33.28 2.08 -1.22	40.11 1.60 -15.71	39.58 1.63 -12.05	37.74 2.07 -0.67	55.12 2.91 0.00	160.46 8.08 0.00	48.79 2.59 -0.02	43.96 2.20 -0.01	43.14 2.15 -0.01
W50THST__13_KV_LOAD 356117	66.20 2.96 0.00	47.73 1.99 0.00	34.58 1.48 0.00	40.26 1.74 0.00	40.47 1.67 0.00	47.87 2.21 0.00	53.31 2.51 0.00	55.89 2.80 0.00	47.32 2.54 0.00	38.49 2.19 -0.13	34.81 2.24 0.00	42.53 2.81 0.00	35.22 2.27 -2.14	36.56 2.41 -1.75	34.09 2.25 -2.35	33.44 2.24 -1.22	40.24 1.73 -15.71	39.71 1.76 -12.05	37.90 2.23 -0.67	55.37 3.16 0.00	161.14 8.76 0.00	49.01 2.80 -0.02	44.17 2.40 -0.01	43.31 2.32 -0.01
WADING RIVER_IC_1 23522	64.90 1.66 0.00	46.76 1.02 0.00	33.99 0.90 0.00	39.66 1.14 0.00	39.64 0.84 0.00	46.90 1.24 0.00	51.92 1.12 0.00	54.44 1.40 0.05	46.30 1.53 0.00	37.74 1.58 0.01	34.53 1.96 0.00	41.76 2.04 0.00	32.20 1.59 0.20	34.06 1.82 0.16	31.18 1.92 0.22	31.67 1.80 0.11	23.55 1.68 0.93	26.93 1.65 0.62	37.01 2.05 0.03	55.31 3.10 0.00	159.41 8.06 1.03	48.98 2.80 0.00	43.73 1.98 0.00	42.88 1.91 0.00
WADING RIVER_IC_2 23547	64.90 1.66 0.00	46.76 1.02 0.00	33.99 0.90 0.00	39.66 1.14 0.00	39.64 0.84 0.00	46.90 1.24 0.00	51.92 1.12 0.00	54.44 1.40 0.05	46.30 1.53 0.00	37.74 1.58 0.01	34.53 1.96 0.00	41.76 2.04 0.00	32.20 1.59 0.20	34.06 1.82 0.16	31.18 1.92 0.22	31.67 1.80 0.11	23.55 1.68 0.93	26.93 1.65 0.62	37.01 2.05 0.03	55.31 3.10 0.00	159.41 8.06 1.03	48.98 2.80 0.00	43.73 1.98 0.00	42.88 1.91 0.00
WADING RIVER_IC_3 23601	64.90 1.66 0.00	46.76 1.02 0.00	33.99 0.90 0.00	39.66 1.14 0.00	39.64 0.84 0.00	46.90 1.24 0.00	51.92 1.12 0.00	54.44 1.40 0.05	46.30 1.53 0.00	37.74 1.58 0.01	34.53 1.96 0.00	41.76 2.04 0.00	32.20 1.59 0.20	34.06 1.82 0.16	31.18 1.92 0.22	31.67 1.80 0.11	23.55 1.68 0.93	26.93 1.65 0.62	37.01 2.05 0.03	55.31 3.10 0.00	159.41 8.06 1.03	48.98 2.80 0.00	43.73 1.98 0.00	42.88 1.91 0.00
WALDENNY_12_KV_BK2 80841	60.76 -2.48 0.00	43.75 -1.99 0.00	31.67 -1.43 0.00	36.87 -1.64 0.00	37.30 -1.50 0.00	43.76 -1.90 0.00	48.90 -1.90 0.00	50.49 -2.60 0.00	42.21 -2.57 0.00	33.63 -2.54 0.00	30.04 -2.53 0.00	36.72 -3.00 0.00	28.54 -2.28 0.00	29.80 -2.60 0.00	27.16 -2.32 0.00	27.74 -2.24 0.00	21.32 -1.49 0.00	24.00 -1.90 0.00	32.15 -2.85 0.00	48.31 -3.90 0.00	142.22 -10.16 0.00	43.59 -2.60 0.00	40.38 -1.38 0.00	39.73 -1.25 0.00
WALDEN__HYDRO 24148	65.12 1.88 0.00	47.01 1.26 0.00	34.03 0.93 0.00	39.63 1.11 0.00	39.85 1.05 0.00	47.07 1.42 0.00	52.44 1.65 0.00	54.96 1.87 0.00	46.45 1.68 0.00	37.55 1.39 0.00	33.99 1.43 0.00	41.55 1.83 0.00	32.36 1.55 0.00	34.06 1.66 0.00	31.03 1.55 0.00	31.54 1.55 0.00	24.00 1.20 0.00	27.11 1.21 0.00	36.55 1.55 0.00	54.42 2.22 0.00	158.57 6.18 0.00	48.08 1.89 0.00	43.32 1.57 0.00	42.49 1.51 0.00
WARRENSBURG____ 23737	66.06 2.82 0.00	47.72 1.98 0.00	34.40 1.30 0.00	40.13 1.61 0.00	40.46 1.66 0.00	47.57 1.91 0.00	53.07 2.28 0.00	55.42 2.33 0.00	46.95 2.17 0.00	38.04 1.88 0.00	34.28 1.71 0.00	41.86 2.14 0.00	32.38 1.57 0.00	34.03 1.63 0.00	30.94 1.45 0.00	31.44 1.46 0.00	23.79 0.98 0.00	27.07 1.17 0.00	36.66 1.66 0.00	54.65 2.44 0.00	159.56 7.18 0.00	48.28 2.10 0.00	43.61 1.85 0.00	42.81 1.83 0.00
WATERSIDE____6 8 9 23538	65.98 2.74 0.00	46.83 1.88 0.79	31.71 1.41 2.80	38.39 1.66 1.78	38.63 1.58 1.75	47.19 2.09 0.56	52.79 2.34 0.35	55.38 2.61 0.31	46.18 2.42 1.01	36.19 2.10 2.07	31.82 2.16 2.90	40.80 2.70 1.62	33.84 2.21 -0.82	35.12 2.35 -0.37	32.67 2.20 -0.99	31.12 2.20 1.06	44.79 1.65 -20.33	41.82 1.68 -14.24	35.20 2.18 1.99	54.87 3.04 0.38	157.62 8.29 3.05	47.06 2.72 1.85	41.50 2.33 2.59	41.80 2.28 1.45
WATKINRD_115KV_LN8_ILLION 55919	62.36 -0.88 0.00	45.10 -0.65 0.00	32.70 -0.40 0.00	38.01 -0.51 0.00	38.16 -0.64 0.00	44.80 -0.86 0.00	49.96 -0.83 0.00	52.50 -0.58 0.00	44.50 -0.27 0.00	36.06 -0.11 0.00	32.73 0.16 0.00	39.89 0.17 0.00	30.60 -0.22 0.00	32.34 -0.06 0.00	29.24 -0.25 0.00	29.50 -0.49 0.00	22.04 -0.77 0.00	25.17 -0.73 0.00	34.78 -0.22 0.00	52.31 0.10 0.00	152.83 0.44 0.00	46.08 -0.11 0.00	41.50 -0.26 0.00	40.44 -0.54 0.00
WATSON__69_KV_BK 1 55734	65.54 2.30 0.00	47.20 1.46 0.00	34.32 1.22 0.00	40.02 1.50 0.00	40.01 1.21 0.00	47.33 1.66 0.00	52.39 1.60 0.00	54.92 1.87 0.05	46.68 1.91 0.00	38.03 1.88 0.01	34.87 2.30 0.00	42.27 2.55 0.00	32.58 1.96 0.20	34.32 2.08 0.16	31.36 2.09 0.22	31.86 1.99 0.11	23.64 1.77 0.93	27.02 1.74 0.62	37.12 2.15 0.03	55.42 3.21 0.00	160.02 8.60 0.97	49.08 2.90 0.00	43.84 2.09 0.00	42.99 2.02 0.00
WDELAWARE__HYD 323627	66.01 2.77 0.00	47.65 1.90 0.00	34.48 1.38 0.00	40.15 1.63 0.00	40.38 1.58 0.00	47.70 2.03 0.00	53.15 2.36 0.00	55.67 2.58 0.00	47.00 2.22 0.00	37.94 1.78 0.00	34.30 1.74 0.00	41.95 2.23 0.00	32.59 1.78 0.00	34.25 1.84 0.00	31.18 1.70 0.00	31.76 1.78 0.00	24.15 1.35 0.00	27.27 1.37 0.00	36.84 1.84 0.00	55.00 2.80 0.00	160.45 8.07 0.00	48.64 2.45 0.00	43.81 2.06 0.00	42.96 1.98 0.00

WEST BABYLON___IC 23714	65.43 2.19 0.00	47.16 1.42 0.00	34.26 1.16 0.00	39.93 1.41 0.00	39.94 1.14 0.00	47.24 1.58 0.00	52.32 1.52 0.00	54.82 1.76 0.04	46.59 1.82 0.00	37.95 1.79 0.01	34.76 2.20 0.00	42.18 2.47 0.00	32.57 1.95 0.20	34.28 2.04 0.16	31.33 2.06 0.22	31.86 1.98 0.11	23.59 1.71 0.93	26.97 1.69 0.62	37.04 2.07 0.03	55.26 3.06 0.00	159.69 8.14 0.84	48.93 2.75 0.00	43.72 1.97 0.00	42.88 1.90 0.00
WEST CANADA___HYD 24049	63.18 -0.06 0.00	45.70 -0.05 0.00	33.07 -0.03 0.00	38.48 -0.04 0.00	38.76 -0.04 0.00	45.61 -0.05 0.00	50.78 -0.02 0.00	53.08 -0.01 0.00	44.82 0.04 0.00	36.22 0.06 0.00	32.66 0.09 0.00	39.84 0.12 0.00	30.90 0.08 0.00	32.51 0.10 0.00	29.57 0.09 0.00	30.07 0.08 0.00	22.84 0.03 0.00	25.93 0.03 0.00	35.08 0.08 0.00	52.31 0.10 0.00	152.60 0.21 0.00	46.23 0.04 0.00	41.76 0.00 0.00	40.97 -0.01 0.00
WESTERN_NY_WIND 24143	61.45 -1.79 0.00	44.26 -1.49 0.00	32.02 -1.08 0.00	37.27 -1.25 0.00	37.70 -1.09 0.00	44.30 -1.36 0.00	49.52 -1.28 0.00	51.05 -2.05 0.00	42.44 -2.34 0.00	33.64 -2.53 0.00	29.93 -2.63 0.00	36.52 -3.20 0.00	28.36 -2.46 0.00	29.65 -2.75 0.00	27.00 -2.48 0.00	27.57 -2.41 0.00	21.18 -1.63 0.00	23.85 -2.05 0.00	32.26 -2.74 0.00	48.87 -3.33 0.00	143.77 -8.62 0.00	44.00 -2.19 0.00	40.63 -1.13 0.00	39.87 -1.11 0.00
WESTOVER___LESR 323668	63.45 0.21 0.00	45.78 0.03 0.00	33.15 0.05 0.00	38.63 0.11 0.00	38.92 0.12 0.00	45.73 0.07 0.00	50.99 0.19 0.00	53.31 0.22 0.00	44.79 0.02 0.00	35.99 -0.17 0.00	32.48 -0.08 0.00	39.63 -0.09 0.00	30.75 -0.07 0.00	32.26 -0.14 0.00	29.43 -0.05 0.00	29.86 -0.13 0.00	22.75 -0.06 0.00	25.86 -0.04 0.00	34.92 -0.09 0.00	52.27 0.06 0.00	153.34 0.95 0.00	46.46 0.27 0.00	42.11 0.36 0.00	41.47 0.49 0.00
WETHRSFD_WT_PWR 323626	60.95 -2.29 0.00	43.86 -1.88 0.00	31.78 -1.32 0.00	37.02 -1.50 0.00	37.40 -1.39 0.00	43.85 -1.81 0.00	49.00 -1.79 0.00	50.72 -2.37 0.00	42.22 -2.56 0.00	33.46 -2.71 0.00	29.96 -2.60 0.00	36.59 -3.13 0.00	28.50 -2.31 0.00	29.78 -2.63 0.00	27.13 -2.35 0.00	27.63 -2.36 0.00	21.19 -1.62 0.00	23.98 -1.92 0.00	32.45 -2.55 0.00	49.06 -3.15 0.00	144.57 -7.82 0.00	44.17 -2.01 0.00	40.73 -1.02 0.00	40.13 -0.85 0.00
WHAVSTOR_138KV_BK127 55557	64.91 1.67 0.00	46.86 1.11 0.00	33.90 0.80 0.00	39.50 0.98 0.00	39.71 0.91 0.00	46.97 1.30 0.00	52.34 1.55 0.00	54.86 1.77 0.00	46.37 1.59 0.00	37.49 1.33 0.00	33.98 1.41 0.00	41.56 1.84 0.00	32.38 1.56 0.00	34.07 1.67 0.00	31.04 1.56 0.00	31.52 1.53 0.00	24.01 1.20 0.00	27.07 1.17 0.00	36.47 1.47 0.00	54.31 2.10 0.00	158.12 5.73 0.00	47.95 1.76 0.00	43.21 1.46 0.00	42.41 1.43 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	64.91 1.67 0.00	46.86 1.11 0.00	33.90 0.80 0.00	39.50 0.98 0.00	39.71 0.91 0.00	46.97 1.30 0.00	52.34 1.55 0.00	54.86 1.77 0.00	46.37 1.59 0.00	37.49 1.33 0.00	33.98 1.41 0.00	41.56 1.84 0.00	32.38 1.56 0.00	34.07 1.67 0.00	31.04 1.56 0.00	31.52 1.53 0.00	24.01 1.20 0.00	27.07 1.17 0.00	36.47 1.47 0.00	54.31 2.10 0.00	158.12 5.73 0.00	47.95 1.76 0.00	43.21 1.46 0.00	42.41 1.43 0.00
WHITEHAL_115KV_TB1 80871	67.86 4.62 0.00	48.90 3.16 0.00	35.21 2.11 0.00	41.14 2.61 0.00	41.55 2.75 0.00	48.78 3.12 0.00	54.47 3.67 0.00	56.68 3.59 0.00	48.26 3.48 0.00	39.05 2.89 0.00	35.11 2.54 0.00	42.84 3.12 0.00	33.01 2.20 0.00	34.62 2.22 0.00	31.48 1.99 0.00	31.98 1.99 0.00	24.28 1.47 0.00	27.53 1.63 0.00	36.90 1.89 0.00	54.94 2.74 0.00	161.17 8.78 0.00	49.05 2.87 0.00	44.45 2.69 0.00	43.49 2.51 0.00
WHITEPLN_13_KV_LOAD 356215	66.09 2.85 0.00	47.63 1.89 0.00	34.47 1.37 0.00	40.13 1.61 0.00	40.34 1.54 0.00	47.67 2.01 0.00	53.09 2.29 0.00	55.67 2.58 0.00	47.14 2.36 0.00	38.18 2.00 -0.01	34.61 2.04 0.00	42.31 2.59 0.00	33.02 2.10 -0.11	34.73 2.24 -0.09	31.68 2.08 -0.12	32.11 2.07 -0.06	24.92 1.62 -0.50	27.89 1.66 -0.33	37.15 2.13 -0.02	55.25 3.05 0.00	160.94 8.55 0.00	48.83 2.64 0.00	43.99 2.24 0.00	43.14 2.15 0.00
WM_FLOYD_69_KV_BK2 356380	65.00 1.76 0.00	46.83 1.09 0.00	34.05 0.95 0.00	39.72 1.20 0.00	39.69 0.89 0.00	46.96 1.30 0.00	52.00 1.20 0.00	54.52 1.47 0.05	46.35 1.57 0.00	37.78 1.62 0.01	34.57 2.00 0.00	41.79 2.07 0.00	32.22 1.61 0.20	34.08 1.84 0.16	31.19 1.92 0.22	31.66 1.78 0.11	23.54 1.67 0.93	26.91 1.62 0.62	37.00 2.03 0.03	55.29 3.08 0.00	159.51 8.16 1.03	48.97 2.79 0.00	43.73 1.98 0.00	42.89 1.91 0.00
WOODARD__115KV_TB2 355635	62.45 -0.79 0.00	45.10 -0.64 0.00	32.63 -0.47 0.00	38.00 -0.52 0.00	38.28 -0.52 0.00	45.05 -0.61 0.00	50.21 -0.58 0.00	52.42 -0.67 0.00	44.09 -0.69 0.00	35.50 -0.67 0.00	31.95 -0.61 0.00	38.95 -0.77 0.00	30.22 -0.59 0.00	31.75 -0.66 0.00	28.90 -0.59 0.00	29.38 -0.61 0.00	22.37 -0.44 0.00	25.44 -0.46 0.00	34.45 -0.55 0.00	51.49 -0.71 0.00	150.53 -1.86 0.00	45.63 -0.56 0.00	41.31 -0.44 0.00	40.55 -0.43 0.00
YORK___WARBASSE 23770	66.28 3.03 0.00	52.63 2.17 -4.72	51.24 1.63 -16.51	50.97 1.92 -10.53	50.97 1.85 -10.33	51.34 2.39 -3.29	55.50 2.66 -2.04	57.90 2.95 -1.86	53.44 2.70 -5.96	52.19 2.35 -13.68	52.15 2.38 -17.21	52.24 2.96 -9.55	52.17 2.40 -18.96	52.18 2.55 -17.23	52.17 2.37 -20.31	52.15 2.39 -19.78	54.79 1.76 -30.22	54.51 1.82 -26.80	55.41 2.42 -17.99	57.85 3.40 -2.24	179.60 9.22 -18.00	60.39 3.04 -11.17	59.76 2.63 -15.37	52.26 2.57 -8.71