

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/06/2026

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	43.36	39.08	36.01	33.66	33.13	30.32	31.36	28.85	32.20	34.88	36.97	38.22	37.38	37.81	39.19	42.49	45.13	61.31	72.52	57.80	39.05	39.65	36.50	37.26
24138	2.40	1.94	1.78	1.83	1.68	1.57	1.72	1.94	2.09	2.32	2.86	3.18	3.33	3.53	3.63	4.00	4.20	5.53	4.43	3.34	2.48	2.30	2.27	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-20.09	-12.00	-0.41	0.00	0.00	0.00
74TH STREET_GT_1	43.36	39.09	36.04	33.70	33.16	30.34	31.37	28.84	32.18	34.85	36.94	38.16	37.30	37.72	39.10	42.37	45.09	61.26	72.53	57.85	39.13	39.70	36.53	37.29
24260	2.40	1.95	1.81	1.87	1.71	1.58	1.73	1.93	2.07	2.29	2.82	3.12	3.25	3.44	3.55	3.88	4.16	5.48	4.46	3.41	2.55	2.36	2.31	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-20.08	-11.99	-0.41	0.00	0.00	0.00
74TH STREET_GT_2	43.36	39.09	36.04	33.70	33.16	30.34	31.37	28.84	32.18	34.85	36.94	38.16	37.30	37.72	39.10	42.37	45.09	61.26	72.53	57.85	39.13	39.70	36.53	37.29
24261	2.40	1.95	1.81	1.87	1.71	1.58	1.73	1.93	2.07	2.29	2.82	3.12	3.25	3.44	3.55	3.88	4.16	5.48	4.46	3.41	2.55	2.36	2.31	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-20.08	-11.99	-0.41	0.00	0.00	0.00
ADK HUDSON___FALLS	44.01	39.63	36.56	34.12	33.65	30.72	31.55	28.79	32.06	34.53	36.36	37.23	36.13	36.30	37.38	40.72	43.55	59.48	52.68	48.54	39.42	40.66	37.13	37.61
24011	3.02	2.49	2.33	2.29	2.20	1.96	1.91	1.88	1.95	1.97	2.24	2.19	2.08	2.01	1.82	2.23	2.61	3.70	3.59	3.46	3.15	3.31	2.91	2.80
	-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	-1.09	-2.63	-0.10	0.00	0.00	0.00
ADK RESOURCE___RCVRY	44.38	39.81	36.72	34.31	33.83	30.91	31.75	29.01	32.30	34.76	36.65	37.42	36.33	36.57	37.54	40.92	43.73	59.84	53.00	48.90	39.85	41.09	37.52	37.95
23798	3.38	2.67	2.49	2.48	2.39	2.15	2.12	2.10	2.19	2.20	2.53	2.38	2.28	2.29	1.98	2.43	2.80	4.06	3.92	3.82	3.58	3.75	3.29	3.15
	-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	-1.08	-2.63	-0.10	0.00	0.00	0.00
ADK S GLENS___FALLS	44.01	39.63	36.56	34.12	33.65	30.72	31.55	28.79	32.06	34.53	36.36	37.23	36.13	36.30	37.38	40.72	43.55	59.48	52.68	48.54	39.42	40.66	37.13	37.61
24028	3.02	2.49	2.33	2.29	2.20	1.96	1.91	1.88	1.95	1.97	2.24	2.19	2.08	2.01	1.82	2.23	2.61	3.70	3.59	3.46	3.15	3.31	2.91	2.80
	-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	-1.09	-2.63	-0.10	0.00	0.00	0.00
ADK_NYS___DAM	43.14	39.19	36.23	33.87	33.36	30.31	30.97	28.24	31.44	33.95	35.66	36.54	35.62	35.91	37.10	40.32	42.90	57.68	50.98	47.13	37.88	39.30	35.98	36.47
23527	2.14	2.06	2.00	2.04	1.92	1.56	1.33	1.33	1.33	1.39	1.54	1.49	1.57	1.62	1.55	1.83	1.96	1.90	1.54	1.69	1.60	1.95	1.76	1.66
	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.43	-2.99	-0.11	0.00	0.00	0.00
AIR_PRODUCTS___DRP	41.30	37.71	35.06	32.72	32.25	29.42	30.25	27.50	30.48	32.93	34.67	35.62	34.70	34.92	36.21	39.35	41.90	56.67	50.01	46.15	37.02	38.09	34.89	35.45
24190	0.39	0.57	0.83	0.89	0.81	0.67	0.62	0.59	0.37	0.38	0.55	0.58	0.65	0.64	0.66	0.86	0.96	0.89	0.76	0.79	0.74	0.74	0.67	0.65
	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.25	-2.91	-0.11	0.00	0.00	0.00
AKWESSNE_115KV_BK	40.83	36.97	33.95	31.49	31.15	28.53	29.45	26.65	29.94	32.45	33.97	34.98	33.88	34.04	35.23	38.06	40.46	55.07	47.56	42.16	35.93	37.19	33.89	34.38
355683	-0.13	-0.17	-0.28	-0.34	-0.30	-0.22	-0.18	-0.26	-0.17	-0.11	-0.15	-0.07	-0.16	-0.25	-0.33	-0.43	-0.47	-0.71	-0.43	-0.30	-0.25	-0.16	-0.34	-0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.53	38.28	35.49	33.11	32.65	29.80	30.62	27.80	30.85	33.20	35.02	36.01	35.04	35.15	36.36	39.57	42.21	57.51	51.21	46.82	37.67	38.77	35.54	36.10
323833	0.62	1.14	1.26	1.28	1.21	1.05	0.99	0.89	0.74	0.64	0.90	0.96	0.99	0.87	0.80	1.08	1.27	1.73	1.57	1.53	1.39	1.42	1.31	1.30
	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.65	-2.83	-0.11	0.00	0.00	0.00
ALBANY_2_SOLAR	41.51	38.27	35.48	33.11	32.64	29.79	30.62	27.79	30.84	33.19	35.01	36.00	35.03	35.14	36.35	39.57	42.20	57.50	51.19	46.81	37.66	38.75	35.53	36.10
323834	0.60	1.14	1.24	1.28	1.20	1.04	0.98	0.88	0.73	0.63	0.89	0.96	0.98	0.85	0.80	1.08	1.26	1.72	1.55	1.52	1.37	1.40	1.30	1.30
	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.65	-2.83	-0.11	0.00	0.00	0.00
ALBANY___1	41.30	37.71	35.06	32.72	32.25	29.42	30.25	27.50	30.48	32.93	34.67	35.62	34.70	34.92	36.21	39.35	41.90	56.67	50.01	46.15	37.02	38.09	34.89	35.45
23571	0.39	0.57	0.83	0.89	0.81	0.67	0.62	0.59	0.37	0.38	0.55	0.58	0.65	0.64	0.66	0.86	0.96	0.89	0.76	0.79	0.74	0.74	0.67	0.65
	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.25	-2.91	-0.11	0.00	0.00	0.00

ALBANY___2 23572	41.30 0.39 0.05	37.71 0.57 0.00	35.06 0.83 0.00	32.72 0.89 0.00	32.25 0.81 0.00	29.42 0.67 0.00	30.25 0.62 0.00	27.50 0.59 0.00	30.48 0.37 0.00	32.93 0.38 0.00	34.67 0.55 0.00	35.62 0.58 0.00	34.70 0.65 0.00	34.92 0.64 0.00	36.21 0.66 0.00	39.35 0.86 0.00	41.90 0.96 0.00	56.67 0.89 0.00	50.01 0.76 -1.25	46.15 0.79 -2.91	37.02 0.74 -0.11	38.09 0.74 0.00	34.89 0.67 0.00	35.45 0.65 0.00
ALBANY___3 23573	41.30 0.39 0.05	37.71 0.57 0.00	35.06 0.83 0.00	32.72 0.89 0.00	32.25 0.81 0.00	29.42 0.67 0.00	30.25 0.62 0.00	27.50 0.59 0.00	30.48 0.37 0.00	32.93 0.38 0.00	34.67 0.55 0.00	35.62 0.58 0.00	34.70 0.65 0.00	34.92 0.64 0.00	36.21 0.66 0.00	39.35 0.86 0.00	41.90 0.96 0.00	56.67 0.89 0.00	50.01 0.76 -1.25	46.15 0.79 -2.91	37.02 0.74 -0.11	38.09 0.74 0.00	34.89 0.67 0.00	35.45 0.65 0.00
ALBANY___4 23574	41.30 0.39 0.05	37.71 0.57 0.00	35.06 0.83 0.00	32.72 0.89 0.00	32.25 0.81 0.00	29.42 0.67 0.00	30.25 0.62 0.00	27.50 0.59 0.00	30.48 0.37 0.00	32.93 0.38 0.00	34.67 0.55 0.00	35.62 0.58 0.00	34.70 0.65 0.00	34.92 0.64 0.00	36.21 0.66 0.00	39.35 0.86 0.00	41.90 0.96 0.00	56.67 0.89 0.00	50.01 0.76 -1.25	46.15 0.79 -2.91	37.02 0.74 -0.11	38.09 0.74 0.00	34.89 0.67 0.00	35.45 0.65 0.00
ALBANY___LFGE 323615	41.90 0.92 -0.02	38.14 1.00 0.00	35.40 1.17 0.00	33.03 1.20 0.00	32.55 1.10 0.00	29.70 0.95 0.00	30.53 0.90 0.00	27.76 0.85 0.00	30.81 0.70 0.00	33.31 0.75 0.00	35.08 0.96 0.00	36.05 1.00 0.00	35.10 1.05 0.00	35.29 1.01 0.00	36.61 1.06 0.00	39.84 1.35 0.00	42.43 1.50 0.00	57.46 1.69 0.00	50.67 1.45 -1.23	46.68 1.39 -2.84	37.51 1.23 -0.11	38.59 1.24 0.00	35.34 1.11 0.00	35.87 1.06 0.00
ALCOA_PA_115KV_PL-6C 55860	40.93 -0.03 0.00	37.08 -0.06 0.00	34.06 -0.17 0.00	31.60 -0.23 0.00	31.28 -0.17 0.00	28.63 -0.12 0.00	29.56 -0.07 0.00	26.74 -0.16 0.00	30.04 -0.07 0.00	32.57 0.01 0.00	34.06 -0.06 0.00	35.07 0.03 0.00	33.97 -0.08 0.00	34.11 -0.18 0.00	35.29 -0.26 0.00	38.11 -0.38 0.00	40.53 -0.40 0.00	55.22 -0.55 0.00	47.75 -0.25 0.00	42.31 -0.15 0.00	36.07 -0.10 0.00	37.31 -0.04 0.00	33.99 -0.24 0.00	34.48 -0.33 0.00
ALCOA_RYNLDS___DRP 24188	40.93 -0.03 0.00	37.08 -0.06 0.00	34.06 -0.17 0.00	31.60 -0.23 0.00	31.28 -0.17 0.00	28.63 -0.12 0.00	29.56 -0.07 0.00	26.74 -0.17 0.00	30.04 -0.07 0.00	32.57 0.01 0.00	34.06 -0.06 0.00	35.07 0.03 0.00	33.97 -0.08 0.00	34.11 -0.17 0.00	35.29 -0.26 0.00	38.11 -0.38 0.00	40.53 -0.40 0.00	55.23 -0.55 0.00	47.75 -0.25 0.00	42.31 -0.14 0.00	36.07 -0.10 0.00	37.31 -0.04 0.00	33.99 -0.24 0.00	34.47 -0.33 0.00
ALCOA___DSASP 323711	40.93 -0.03 0.00	37.08 -0.06 0.00	34.06 -0.17 0.00	31.60 -0.23 0.00	31.28 -0.17 0.00	28.63 -0.12 0.00	29.56 -0.07 0.00	26.74 -0.17 0.00	30.04 -0.07 0.00	32.57 0.01 0.00	34.06 -0.06 0.00	35.07 0.03 0.00	33.97 -0.08 0.00	34.11 -0.17 0.00	35.29 -0.26 0.00	38.11 -0.38 0.00	40.53 -0.40 0.00	55.23 -0.55 0.00	47.75 -0.25 0.00	42.31 -0.14 0.00	36.07 -0.10 0.00	37.31 -0.04 0.00	33.99 -0.24 0.00	34.47 -0.33 0.00
ALLEGHENY___COGEN 23514	41.79 0.83 0.00	37.04 -0.10 0.00	48.88 -0.32 -14.98	69.67 -0.29 -38.12	52.74 -0.20 -21.49	28.57 -0.19 -0.01	29.42 -0.21 0.00	32.10 -0.07 -5.26	78.78 0.03 -48.64	82.82 -0.97 -51.24	83.48 -2.47 -51.82	82.52 -4.44 -51.92	81.19 -4.25 -51.40	81.87 -4.10 -51.69	84.13 -4.11 -52.68	88.64 -4.46 -54.61	93.19 -4.61 -56.86	114.15 -6.25 -64.62	103.23 -5.24 -60.47	95.77 -3.89 -57.21	81.68 -2.34 -47.84	37.11 -1.49 -1.25	35.90 -1.32 -3.00	56.49 0.63 -21.05
ALTAMONT_115KV_TB 2 55880	41.71 0.78 0.03	37.96 0.82 0.00	35.11 0.89 0.00	32.76 0.93 0.00	32.29 0.85 0.00	29.49 0.73 0.00	30.34 0.70 0.00	27.61 0.70 0.00	30.74 0.63 0.00	33.20 0.64 0.00	34.93 0.80 0.00	35.89 0.85 0.00	34.94 0.89 0.00	35.16 0.87 0.00	36.44 0.89 0.00	39.55 1.06 0.00	42.10 1.17 0.00	57.12 1.34 0.00	50.26 1.18 -1.09	46.40 1.09 -2.86	37.24 0.96 -0.11	38.32 0.97 0.00	35.14 0.91 0.00	35.72 0.91 0.00
ALTONA_WT_PWR 323606	40.93 -0.03 0.00	37.06 -0.08 0.00	33.94 -0.29 0.00	31.51 -0.33 0.00	31.10 -0.34 0.00	28.57 -0.18 0.00	29.55 -0.08 0.00	26.82 -0.08 0.00	30.06 -0.05 0.00	32.62 0.06 0.00	34.12 0.00 0.00	35.12 0.08 0.00	34.06 0.02 0.00	34.07 -0.21 0.00	35.09 -0.47 0.00	37.83 -0.66 0.00	40.20 -0.74 0.00	55.04 -0.74 0.00	47.34 -0.65 0.00	41.66 -0.79 0.00	35.69 -0.49 0.00	37.02 -0.33 0.00	33.50 -0.72 0.00	33.86 -0.94 0.00
AMERICAN_REF_FUEL 24010	38.02 -2.94 0.00	34.14 -3.00 0.00	27.76 -2.58 3.90	19.72 -2.19 9.92	23.69 -2.17 5.59	26.43 -2.32 0.00	26.87 -2.77 0.00	23.23 -2.31 1.37	15.44 -2.01 12.66	16.87 -2.35 13.33	17.75 -2.88 13.49	18.31 -3.21 13.51	17.40 -3.27 13.38	17.76 -3.07 13.45	18.99 -2.86 13.71	21.07 -3.20 14.21	22.49 -3.65 14.80	32.49 -5.02 18.26	27.24 -4.29 16.46	23.70 -3.65 15.10	20.82 -2.92 12.44	33.66 -3.36 0.33	30.36 -3.07 0.79	26.38 -2.75 5.69
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.41 -2.55 0.00	34.16 -2.97 0.00	26.89 -2.61 4.72	17.59 -2.22 12.03	22.79 -1.87 6.78	26.76 -1.99 0.00	27.49 -2.15 0.00	23.50 -1.75 1.66	12.71 -2.05 15.35	14.11 -2.29 16.16	14.91 -2.85 16.35	15.36 -3.30 16.38	14.33 -3.50 16.21	14.64 -3.33 16.31	15.82 -3.11 16.62	18.09 -3.17 17.23	19.84 -3.16 17.94	30.36 -3.64 21.78	25.10 -3.22 19.68	21.66 -2.59 18.21	19.31 -1.81 15.05	35.10 -1.85 0.39	31.39 -1.88 0.96	26.07 -1.85 6.89
ARTHUR KILL_GT_1 23520	43.24 2.28 0.00	39.00 1.86 0.00	35.93 1.71 0.00	33.62 1.79 0.00	33.05 1.61 0.00	30.27 1.52 0.00	31.27 1.64 0.00	28.72 1.81 0.00	32.01 1.90 0.00	34.64 2.08 0.00	36.70 2.58 0.00	38.14 3.10 0.00	37.28 3.24 0.00	37.80 3.51 0.00	39.15 3.59 0.00	42.42 3.92 -0.01	45.10 4.16 0.00	61.14 5.36 0.00	72.54 4.46 -20.09	57.79 3.35 -11.99	39.20 2.61 -0.41	39.61 2.26 0.00	36.43 2.21 0.00	37.23 2.42 0.00
ARTHUR_KILL_2 23512	43.10 2.14 0.00	38.88 1.74 0.00	35.82 1.60 0.00	33.51 1.68 0.00	32.96 1.51 0.00	30.18 1.43 0.00	31.18 1.55 0.00	28.64 1.73 0.00	31.92 1.81 0.00	34.53 1.97 0.00	36.60 2.48 0.00	38.02 2.98 0.00	37.16 3.12 0.00	37.64 3.35 0.00	39.02 3.46 0.00	42.26 3.77 -0.01	44.93 3.99 0.00	60.88 5.11 0.00	72.29 4.21 -20.09	57.65 3.21 -11.99	39.04 2.46 -0.41	39.47 2.13 0.00	36.32 2.09 0.00	37.12 2.31 0.00
ARTHUR_KILL_3 23513	42.91 1.95 0.00	38.69 1.56 0.00	35.65 1.42 0.00	33.35 1.52 0.00	32.81 1.37 0.00	30.03 1.28 0.00	31.05 1.42 0.00	28.54 1.63 0.00	31.83 1.72 0.00	34.46 1.90 0.00	36.52 2.40 0.00	37.72 2.68 0.00	36.88 2.83 0.00	37.30 3.02 0.00	38.65 3.10 0.00	41.91 3.42 0.00	44.61 3.67 0.00	60.60 4.82 0.00	71.97 3.89 -20.09	57.37 2.92 -11.99	38.71 2.13 -0.41	39.27 1.92 0.00	36.15 1.92 0.00	36.90 2.10 0.00

ARTHUR_KILL_COGEN 323718	43.24 2.28 0.00	39.00 1.86 0.00	35.94 1.71 0.00	33.61 1.78 0.00	33.05 1.61 0.00	30.27 1.51 0.00	31.27 1.64 0.00	28.72 1.81 0.00	32.01 1.90 0.00	34.62 2.07 0.00	36.70 2.58 0.00	38.14 3.10 0.00	37.27 3.23 0.00	37.77 3.48 0.00	39.13 3.58 0.00	42.41 3.91 -0.01	45.09 4.15 0.00	61.13 5.35 0.00	72.49 4.41 -20.09	57.83 3.38 -11.99	39.19 2.61 -0.41	39.61 2.27 0.00	36.44 2.21 0.00	37.23 2.42 0.00
ASHOKAN____ 23654	42.92 2.01 0.04	38.75 1.61 0.00	35.71 1.48 0.00	33.31 1.48 0.00	32.79 1.35 0.00	29.97 1.21 0.00	30.93 1.30 0.00	28.31 1.40 0.00	31.57 1.46 0.00	34.15 1.59 0.00	36.13 2.01 0.00	37.15 2.10 0.00	36.56 2.51 0.00	36.90 2.61 0.00	37.89 2.34 0.00	41.18 2.69 0.00	43.90 2.96 0.00	60.99 5.21 0.00	55.75 4.09 -3.66	48.14 3.35 -2.34	38.85 2.54 -0.13	39.69 2.34 0.00	36.36 2.14 0.00	36.91 2.11 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.05 2.09 0.00	38.85 1.71 0.00	35.86 1.63 0.00	33.59 1.76 0.00	33.00 1.55 0.00	30.21 1.46 0.00	31.23 1.59 0.00	28.70 1.79 0.00	32.02 1.91 0.00	34.57 2.01 0.00	36.66 2.54 0.00	37.92 2.88 0.00	37.03 2.98 0.00	37.43 3.15 0.00	38.82 3.26 0.00	42.03 3.54 0.00	44.67 3.73 0.00	60.62 4.85 0.00	72.03 3.95 -20.08	57.44 3.00 -11.99	38.77 2.19 -0.41	39.33 1.98 0.00	36.25 2.03 0.00	37.07 2.27 0.00
ASTORIA_EAST_ENERGY_CC2 323582	43.05 2.09 0.00	38.85 1.71 0.00	35.86 1.63 0.00	33.59 1.76 0.00	32.99 1.55 0.00	30.21 1.45 0.00	31.22 1.58 0.00	28.70 1.79 0.00	32.02 1.91 0.00	34.56 2.01 0.00	36.66 2.54 0.00	37.92 2.88 0.00	37.03 2.98 0.00	37.43 3.15 0.00	38.82 3.26 0.00	42.03 3.54 0.00	44.67 3.73 0.00	60.62 4.85 0.00	72.03 3.95 -20.08	57.44 3.00 -11.99	38.77 2.19 -0.41	39.33 1.98 0.00	36.25 2.03 0.00	37.07 2.27 0.00
ASTORIA_GT2_1 24094	43.07 2.11 0.00	38.87 1.73 0.00	35.88 1.65 0.00	33.60 1.77 0.00	33.01 1.57 0.00	30.22 1.46 0.00	31.24 1.60 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.60 2.04 0.00	36.68 2.56 0.00	37.94 2.90 0.00	37.05 3.00 0.00	37.47 3.19 0.00	38.84 3.29 0.00	42.06 3.57 0.00	44.71 3.77 0.00	60.67 4.89 0.00	72.07 3.99 -20.08	57.46 3.01 -11.99	38.80 2.22 -0.41	39.34 1.99 0.00	36.27 2.04 0.00	37.08 2.27 0.00
ASTORIA_GT2_2 24095	43.07 2.11 0.00	38.87 1.73 0.00	35.88 1.65 0.00	33.60 1.77 0.00	33.01 1.57 0.00	30.22 1.46 0.00	31.24 1.60 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.60 2.04 0.00	36.68 2.56 0.00	37.94 2.90 0.00	37.05 3.00 0.00	37.47 3.19 0.00	38.84 3.29 0.00	42.06 3.57 0.00	44.71 3.77 0.00	60.67 4.89 0.00	72.07 3.99 -20.08	57.46 3.01 -11.99	38.80 2.22 -0.41	39.34 1.99 0.00	36.27 2.04 0.00	37.08 2.27 0.00
ASTORIA_GT2_3 24096	43.07 2.11 0.00	38.87 1.73 0.00	35.88 1.65 0.00	33.60 1.77 0.00	33.01 1.57 0.00	30.22 1.46 0.00	31.24 1.60 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.60 2.04 0.00	36.68 2.56 0.00	37.94 2.90 0.00	37.05 3.00 0.00	37.47 3.19 0.00	38.84 3.29 0.00	42.06 3.57 0.00	44.71 3.77 0.00	60.67 4.89 0.00	72.07 3.99 -20.08	57.46 3.01 -11.99	38.80 2.22 -0.41	39.34 1.99 0.00	36.27 2.04 0.00	37.08 2.27 0.00
ASTORIA_GT2_4 24097	43.07 2.11 0.00	38.87 1.73 0.00	35.88 1.65 0.00	33.60 1.77 0.00	33.01 1.57 0.00	30.22 1.46 0.00	31.24 1.60 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.60 2.04 0.00	36.68 2.56 0.00	37.94 2.90 0.00	37.05 3.00 0.00	37.47 3.19 0.00	38.84 3.29 0.00	42.06 3.57 0.00	44.71 3.77 0.00	60.67 4.89 0.00	72.07 3.99 -20.08	57.46 3.01 -11.99	38.80 2.22 -0.41	39.34 1.99 0.00	36.27 2.04 0.00	37.08 2.27 0.00
ASTORIA_GT3_1 24098	43.07 2.11 0.00	38.87 1.73 0.00	35.88 1.65 0.00	33.60 1.77 0.00	33.01 1.57 0.00	30.22 1.46 0.00	31.24 1.60 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.60 2.04 0.00	36.68 2.56 0.00	37.94 2.90 0.00	37.05 3.00 0.00	37.47 3.19 0.00	38.84 3.29 0.00	42.06 3.57 0.00	44.71 3.77 0.00	60.67 4.89 0.00	72.07 3.99 -20.08	57.46 3.01 -11.99	38.80 2.22 -0.41	39.34 1.99 0.00	36.27 2.04 0.00	37.08 2.27 0.00
ASTORIA_GT3_2 24099	43.07 2.11 0.00	38.87 1.73 0.00	35.88 1.65 0.00	33.60 1.77 0.00	33.01 1.57 0.00	30.22 1.46 0.00	31.24 1.60 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.60 2.04 0.00	36.68 2.56 0.00	37.94 2.90 0.00	37.05 3.00 0.00	37.47 3.19 0.00	38.84 3.29 0.00	42.06 3.57 0.00	44.71 3.77 0.00	60.67 4.89 0.00	72.07 3.99 -20.08	57.46 3.01 -11.99	38.80 2.22 -0.41	39.34 1.99 0.00	36.27 2.04 0.00	37.08 2.27 0.00
ASTORIA_GT3_3 24100	43.07 2.11 0.00	38.87 1.73 0.00	35.88 1.65 0.00	33.60 1.77 0.00	33.01 1.57 0.00	30.22 1.46 0.00	31.24 1.60 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.60 2.04 0.00	36.68 2.56 0.00	37.94 2.90 0.00	37.05 3.00 0.00	37.47 3.19 0.00	38.84 3.29 0.00	42.06 3.57 0.00	44.71 3.77 0.00	60.67 4.89 0.00	72.07 3.99 -20.08	57.46 3.01 -11.99	38.80 2.22 -0.41	39.34 1.99 0.00	36.27 2.04 0.00	37.08 2.27 0.00
ASTORIA_GT3_4 24101	43.07 2.11 0.00	38.87 1.73 0.00	35.88 1.65 0.00	33.60 1.77 0.00	33.01 1.57 0.00	30.22 1.46 0.00	31.24 1.60 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.60 2.04 0.00	36.68 2.56 0.00	37.94 2.90 0.00	37.05 3.00 0.00	37.47 3.19 0.00	38.84 3.29 0.00	42.06 3.57 0.00	44.71 3.77 0.00	60.67 4.89 0.00	72.07 3.99 -20.08	57.46 3.01 -11.99	38.80 2.22 -0.41	39.34 1.99 0.00	36.27 2.04 0.00	37.08 2.27 0.00
ASTORIA_GT4_1 24102	43.07 2.11 0.00	38.87 1.73 0.00	35.88 1.65 0.00	33.60 1.77 0.00	33.01 1.57 0.00	30.22 1.46 0.00	31.24 1.60 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.60 2.04 0.00	36.68 2.56 0.00	37.94 2.90 0.00	37.05 3.00 0.00	37.47 3.19 0.00	38.84 3.29 0.00	42.06 3.57 0.00	44.71 3.77 0.00	60.67 4.89 0.00	72.07 3.99 -20.08	57.46 3.01 -11.99	38.80 2.22 -0.41	39.34 1.99 0.00	36.27 2.04 0.00	37.08 2.27 0.00
ASTORIA_GT4_2 24103	43.07 2.11 0.00	38.87 1.73 0.00	35.88 1.65 0.00	33.60 1.77 0.00	33.01 1.57 0.00	30.22 1.46 0.00	31.24 1.60 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.60 2.04 0.00	36.68 2.56 0.00	37.94 2.90 0.00	37.05 3.00 0.00	37.47 3.19 0.00	38.84 3.29 0.00	42.06 3.57 0.00	44.71 3.77 0.00	60.67 4.89 0.00	72.07 3.99 -20.08	57.46 3.01 -11.99	38.80 2.22 -0.41	39.34 1.99 0.00	36.27 2.04 0.00	37.08 2.27 0.00
ASTORIA_GT4_3 24104	43.07 2.11 0.00	38.87 1.73 0.00	35.88 1.65 0.00	33.60 1.77 0.00	33.01 1.57 0.00	30.22 1.46 0.00	31.24 1.60 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.60 2.04 0.00	36.68 2.56 0.00	37.94 2.90 0.00	37.05 3.00 0.00	37.47 3.19 0.00	38.84 3.29 0.00	42.06 3.57 0.00	44.71 3.77 0.00	60.67 4.89 0.00	72.07 3.99 -20.08	57.46 3.01 -11.99	38.80 2.22 -0.41	39.34 1.99 0.00	36.27 2.04 0.00	37.08 2.27 0.00

ASTORIA_GT4_4 24105	43.07 2.11 0.00	38.87 1.73 0.00	35.88 1.65 0.00	33.60 1.77 0.00	33.01 1.57 0.00	30.22 1.46 0.00	31.24 1.60 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.60 2.04 0.00	36.68 2.56 0.00	37.94 2.90 0.00	37.05 3.00 0.00	37.47 3.19 0.00	38.84 3.29 0.00	42.06 3.57 0.00	44.71 3.77 0.00	60.67 4.89 0.00	72.07 3.99 -20.08	57.46 3.01 -11.99	38.80 2.22 -0.41	39.34 1.99 0.00	36.27 2.04 0.00	37.08 2.27 0.00
ASTORIA_GT_1 23523	43.16 2.20 0.00	38.95 1.81 0.00	35.95 1.72 0.00	33.66 1.83 0.00	33.06 1.62 0.00	30.27 1.52 0.00	31.29 1.65 0.00	28.76 1.85 0.00	32.10 1.99 0.00	34.68 2.12 0.00	36.76 2.65 0.00	38.03 2.99 0.00	37.14 3.09 0.00	37.55 3.27 0.00	38.94 3.39 0.00	42.17 3.68 0.00	44.82 3.88 0.00	60.81 5.03 0.00	72.21 4.13 -20.08	57.56 3.12 -11.99	38.88 2.30 -0.41	39.44 2.09 0.00	36.35 2.12 0.00	37.16 2.35 0.00
ASTORIA_GT_10 24110	43.08 2.13 0.00	38.86 1.72 0.00	35.83 1.61 0.00	33.52 1.69 0.00	32.97 1.53 0.00	30.21 1.45 0.00	31.23 1.59 0.00	28.71 1.80 0.00	32.02 1.91 0.00	34.63 2.07 0.00	36.71 2.59 0.00	37.95 2.91 0.00	37.07 3.03 0.00	37.50 3.21 0.00	38.87 3.32 0.00	42.12 3.63 0.00	44.80 3.86 0.00	60.78 5.00 0.00	72.12 4.04 -20.08	57.46 3.02 -11.99	38.84 2.26 -0.41	39.42 2.07 0.00	36.30 2.07 0.00	37.10 2.30 0.00
ASTORIA_GT_11 24225	43.08 2.13 0.00	38.86 1.72 0.00	35.83 1.61 0.00	33.52 1.69 0.00	32.97 1.53 0.00	30.21 1.45 0.00	31.23 1.59 0.00	28.71 1.80 0.00	32.02 1.91 0.00	34.63 2.07 0.00	36.71 2.59 0.00	37.95 2.91 0.00	37.07 3.03 0.00	37.50 3.21 0.00	38.87 3.32 0.00	42.12 3.63 0.00	44.80 3.86 0.00	60.78 5.00 0.00	72.12 4.04 -20.08	57.46 3.02 -11.99	38.84 2.26 -0.41	39.42 2.07 0.00	36.30 2.07 0.00	37.10 2.30 0.00
ASTORIA_GT_12 24226	43.08 2.13 0.00	38.86 1.72 0.00	35.83 1.61 0.00	33.52 1.69 0.00	32.97 1.53 0.00	30.21 1.45 0.00	31.23 1.59 0.00	28.71 1.80 0.00	32.02 1.91 0.00	34.63 2.07 0.00	36.71 2.59 0.00	37.95 2.91 0.00	37.07 3.03 0.00	37.50 3.21 0.00	38.87 3.32 0.00	42.12 3.63 0.00	44.80 3.86 0.00	60.78 5.00 0.00	72.12 4.04 -20.08	57.46 3.02 -11.99	38.84 2.26 -0.41	39.42 2.07 0.00	36.30 2.07 0.00	37.10 2.30 0.00
ASTORIA_GT_13 24227	43.08 2.13 0.00	38.86 1.72 0.00	35.83 1.61 0.00	33.52 1.69 0.00	32.97 1.53 0.00	30.21 1.45 0.00	31.23 1.59 0.00	28.71 1.80 0.00	32.02 1.91 0.00	34.63 2.07 0.00	36.71 2.59 0.00	37.95 2.91 0.00	37.07 3.03 0.00	37.50 3.21 0.00	38.87 3.32 0.00	42.12 3.63 0.00	44.80 3.86 0.00	60.78 5.00 0.00	72.12 4.04 -20.08	57.46 3.02 -11.99	38.84 2.26 -0.41	39.42 2.07 0.00	36.30 2.07 0.00	37.10 2.30 0.00
ASTORIA_GT_5 24106	43.16 2.20 0.00	38.95 1.81 0.00	35.95 1.72 0.00	33.66 1.83 0.00	33.06 1.62 0.00	30.27 1.52 0.00	31.29 1.65 0.00	28.76 1.85 0.00	32.10 1.99 0.00	34.68 2.12 0.00	36.76 2.65 0.00	38.03 2.99 0.00	37.14 3.09 0.00	37.55 3.27 0.00	38.94 3.39 0.00	42.17 3.68 0.00	44.82 3.88 0.00	60.81 5.03 0.00	72.21 4.13 -20.08	57.56 3.12 -11.99	38.88 2.30 -0.41	39.44 2.09 0.00	36.35 2.12 0.00	37.16 2.35 0.00
ASTORIA_GT_7 24107	43.16 2.20 0.00	38.95 1.81 0.00	35.95 1.72 0.00	33.66 1.83 0.00	33.06 1.62 0.00	30.27 1.52 0.00	31.29 1.65 0.00	28.76 1.85 0.00	32.10 1.99 0.00	34.68 2.12 0.00	36.76 2.65 0.00	38.03 2.99 0.00	37.14 3.09 0.00	37.55 3.27 0.00	38.94 3.39 0.00	42.17 3.68 0.00	44.82 3.88 0.00	60.81 5.03 0.00	72.21 4.13 -20.08	57.56 3.12 -11.99	38.88 2.30 -0.41	39.44 2.09 0.00	36.35 2.12 0.00	37.16 2.35 0.00
ASTORIA_GT_8 24108	43.16 2.20 0.00	38.95 1.81 0.00	35.95 1.72 0.00	33.66 1.83 0.00	33.06 1.62 0.00	30.27 1.52 0.00	31.29 1.65 0.00	28.76 1.85 0.00	32.10 1.99 0.00	34.68 2.12 0.00	36.76 2.65 0.00	38.03 2.99 0.00	37.14 3.09 0.00	37.55 3.27 0.00	38.94 3.39 0.00	42.17 3.68 0.00	44.82 3.88 0.00	60.81 5.03 0.00	72.21 4.13 -20.08	57.56 3.12 -11.99	38.88 2.30 -0.41	39.44 2.09 0.00	36.35 2.12 0.00	37.16 2.35 0.00
ASTORIA___2 24149	43.07 2.11 0.00	38.87 1.73 0.00	35.87 1.65 0.00	33.60 1.77 0.00	33.01 1.57 0.00	30.22 1.46 0.00	31.24 1.60 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.58 2.02 0.00	36.68 2.56 0.00	37.94 2.90 0.00	37.04 3.00 0.00	37.45 3.16 0.00	38.83 3.27 0.00	42.05 3.55 0.00	44.69 3.76 0.00	60.65 4.87 0.00	72.06 3.98 -20.08	57.47 3.03 -11.99	38.78 2.20 -0.41	39.35 2.00 0.00	36.27 2.04 0.00	37.08 2.28 0.00
ASTORIA___3 23516	43.08 2.12 0.00	38.86 1.72 0.00	35.83 1.60 0.00	33.52 1.69 0.00	32.97 1.53 0.00	30.21 1.45 0.00	31.23 1.59 0.00	28.71 1.80 0.00	32.02 1.91 0.00	34.61 2.06 0.00	36.71 2.59 0.00	37.94 2.90 0.00	37.06 3.01 0.00	37.48 3.19 0.00	38.86 3.30 0.00	42.10 3.62 0.00	44.79 3.85 0.00	60.78 5.00 0.00	72.10 4.02 -20.08	57.48 3.04 -11.99	38.83 2.25 -0.41	39.42 2.07 0.00	36.30 2.07 0.00	37.10 2.29 0.00
ASTORIA___4 23517	43.08 2.13 0.00	38.86 1.72 0.00	35.83 1.61 0.00	33.52 1.69 0.00	32.97 1.53 0.00	30.21 1.45 0.00	31.23 1.59 0.00	28.71 1.80 0.00	32.02 1.91 0.00	34.63 2.07 0.00	36.71 2.59 0.00	37.95 2.91 0.00	37.07 3.03 0.00	37.50 3.21 0.00	38.87 3.32 0.00	42.12 3.63 0.00	44.80 3.86 0.00	60.78 5.00 0.00	72.12 4.04 -20.08	57.46 3.02 -11.99	38.84 2.26 -0.41	39.42 2.07 0.00	36.30 2.07 0.00	37.10 2.30 0.00
ASTORIA___5 23518	43.08 2.12 0.00	38.86 1.72 0.00	35.83 1.60 0.00	33.52 1.69 0.00	32.97 1.53 0.00	30.21 1.45 0.00	31.23 1.59 0.00	28.71 1.80 0.00	32.02 1.91 0.00	34.61 2.06 0.00	36.71 2.59 0.00	37.94 2.90 0.00	37.06 3.01 0.00	37.48 3.19 0.00	38.86 3.30 0.00	42.10 3.62 0.00	44.79 3.85 0.00	60.78 5.00 0.00	72.10 4.02 -20.08	57.48 3.04 -11.99	38.83 2.25 -0.41	39.42 2.07 0.00	36.30 2.07 0.00	37.10 2.29 0.00
AST_ENERGY_2_CC3 323677	43.08 2.13 0.00	38.86 1.72 0.00	35.81 1.59 0.00	33.50 1.67 0.00	32.96 1.51 0.00	30.16 1.41 0.00	31.18 1.54 0.00	28.65 1.74 0.00	31.96 1.85 0.00	34.59 2.03 0.00	36.67 2.55 0.00	37.88 2.84 0.00	37.02 2.98 0.00	37.43 3.15 0.00	38.79 3.24 0.00	42.05 3.56 0.00	44.75 3.81 0.00	60.79 5.01 0.00	72.12 4.04 -20.08	57.51 3.07 -11.99	38.85 2.27 -0.41	39.43 2.08 0.00	36.29 2.07 0.00	37.05 2.25 0.00
AST_ENERGY_2_CC4 323678	43.08 2.13 0.00	38.86 1.72 0.00	35.81 1.59 0.00	33.50 1.67 0.00	32.96 1.51 0.00	30.16 1.41 0.00	31.18 1.54 0.00	28.65 1.74 0.00	31.96 1.85 0.00	34.59 2.03 0.00	36.67 2.55 0.00	37.88 2.84 0.00	37.02 2.98 0.00	37.43 3.15 0.00	38.79 3.24 0.00	42.05 3.56 0.00	44.75 3.81 0.00	60.79 5.01 0.00	72.12 4.04 -20.08	57.51 3.07 -11.99	38.85 2.27 -0.41	39.43 2.08 0.00	36.29 2.07 0.00	37.05 2.25 0.00

ATHENS_STG_1 23668	41.93 0.97 0.00	38.06 0.92 0.00	35.14 0.91 0.00	32.79 0.96 0.00	32.30 0.86 0.00	29.51 0.76 0.00	30.42 0.78 0.00	27.78 0.87 0.00	30.95 0.84 0.00	33.47 0.91 0.00	35.24 1.12 0.00	36.24 1.20 0.00	35.32 1.28 0.00	35.63 1.35 0.00	36.90 1.35 0.00	40.00 1.51 0.00	42.54 1.60 0.00	57.74 1.96 0.00	49.83 1.59 -0.25	48.04 1.30 -4.29	37.39 1.06 -0.16	38.35 1.00 0.00	35.25 1.02 0.00	35.92 1.11 0.00
ATHENS_STG_2 23670	41.93 0.97 0.00	38.06 0.92 0.00	35.14 0.91 0.00	32.79 0.96 0.00	32.30 0.86 0.00	29.51 0.76 0.00	30.42 0.78 0.00	27.78 0.87 0.00	30.95 0.84 0.00	33.47 0.91 0.00	35.24 1.12 0.00	36.24 1.20 0.00	35.32 1.28 0.00	35.63 1.35 0.00	36.90 1.35 0.00	40.00 1.51 0.00	42.54 1.60 0.00	57.74 1.96 0.00	49.83 1.59 -0.25	48.04 1.30 -4.29	37.39 1.06 -0.16	38.35 1.00 0.00	35.25 1.02 0.00	35.92 1.11 0.00
ATHENS_STG_3 23677	41.93 0.97 0.00	38.06 0.92 0.00	35.14 0.91 0.00	32.79 0.96 0.00	32.30 0.86 0.00	29.51 0.76 0.00	30.42 0.78 0.00	27.78 0.87 0.00	30.95 0.84 0.00	33.47 0.91 0.00	35.24 1.12 0.00	36.24 1.20 0.00	35.32 1.28 0.00	35.63 1.35 0.00	36.90 1.35 0.00	40.00 1.51 0.00	42.54 1.60 0.00	57.74 1.96 0.00	49.83 1.59 -0.25	48.04 1.30 -4.29	37.39 1.06 -0.16	38.35 1.00 0.00	35.25 1.02 0.00	35.92 1.11 0.00
AUBURN___LFGE 323710	40.87 -0.09 0.00	37.14 0.00 0.00	35.33 0.03 -1.08	34.66 0.08 -2.74	32.96 -0.03 -1.55	28.68 -0.07 0.00	29.54 -0.10 0.00	27.27 -0.02 -0.38	33.54 -0.07 -3.50	36.08 -0.17 -3.69	37.42 -0.44 -3.73	38.02 -0.76 -3.74	37.13 -0.62 -3.70	37.48 -0.52 -3.72	38.95 -0.39 -3.79	41.80 -0.62 -3.93	44.54 -0.49 -4.09	60.10 -0.40 -4.72	52.13 -0.25 -4.38	46.54 -0.05 -4.13	39.69 0.07 -3.44	37.35 -0.09 -0.09	34.44 -0.01 -0.21	36.31 0.00 -1.51
BABYLON_RES_REC 323704	43.72 2.76 0.00	39.24 2.10 0.00	36.18 1.95 0.00	33.81 1.98 0.00	33.25 1.80 0.00	30.25 1.49 0.00	31.34 1.70 0.00	28.80 1.89 0.00	31.93 1.82 0.00	34.62 2.06 0.00	36.80 2.68 0.00	39.96 3.18 -1.74	37.19 3.15 0.00	37.22 2.93 0.00	38.59 3.04 0.00	40.88 2.92 0.53	39.87 3.22 4.29	60.26 4.49 0.00	71.85 3.79 -20.07	57.05 2.63 -11.97	38.77 2.08 -0.52	39.34 1.99 0.00	36.52 2.29 0.00	37.34 2.54 0.00
BALL_HILL_WT_PWR 323825	38.91 -2.05 0.00	34.72 -2.41 0.00	26.97 -2.17 5.09	16.99 -1.87 12.97	22.47 -1.67 7.31	27.01 -1.74 0.00	27.69 -1.94 0.00	23.56 -1.56 1.79	11.89 -1.67 16.54	13.23 -1.91 17.43	14.04 -2.45 17.63	14.58 -2.80 17.66	13.71 -2.85 17.48	14.04 -2.67 17.58	15.18 -2.46 17.92	17.29 -2.62 18.57	18.78 -2.82 19.34	28.90 -3.46 23.42	23.65 -3.14 21.20	20.17 -2.66 19.63	17.92 -2.03 16.23	34.79 -2.14 0.42	31.13 -2.06 1.03	25.47 -1.95 7.39
BARON_WINDS___WT_PWR 323822	40.09 -0.87 0.00	35.31 -1.83 0.00	10.60 -2.07 21.57	-25.00 -1.92 54.91	-1.38 -1.88 30.95	27.21 -1.53 0.01	28.15 -1.49 0.00	18.06 -1.27 7.58	-41.59 -1.65 70.05	-43.00 -1.78 73.78	-43.00 -2.49 74.63	-43.00 -3.26 74.78	-43.00 -3.03 74.02	-43.00 -2.85 74.44	-43.00 -2.69 75.86	-43.00 -2.84 78.65	-43.53 -2.58 81.89	-43.00 -3.57 95.21	-43.00 -3.15 87.85	-42.73 -2.51 82.68	-34.36 -1.66 68.88	33.97 -1.57 1.80	28.41 -1.49 4.33	2.76 -1.51 30.53
BARRETT_IC_1 23704	43.15 2.19 0.00	38.85 1.71 0.00	35.83 1.60 0.00	33.46 1.63 0.00	32.91 1.47 0.00	29.99 1.24 0.00	31.06 1.42 0.00	28.55 1.64 0.00	31.70 1.59 0.00	34.38 1.82 0.00	36.56 2.44 0.00	39.58 2.88 -1.66	36.86 2.82 0.00	37.11 2.83 0.00	38.44 2.88 0.00	41.37 2.91 0.03	44.01 3.12 0.04	60.07 4.29 0.00	71.60 3.53 -20.07	56.82 2.40 -11.97	38.47 1.89 -0.40	39.08 1.73 0.00	36.20 1.98 0.00	37.01 2.20 0.00
BARRETT_IC_10 23701	43.15 2.19 0.00	38.85 1.71 0.00	35.83 1.60 0.00	33.46 1.63 0.00	32.91 1.47 0.00	29.99 1.24 0.00	31.06 1.42 0.00	28.55 1.64 0.00	31.70 1.59 0.00	34.38 1.82 0.00	36.56 2.44 0.00	39.58 2.88 -1.66	36.86 2.82 0.00	37.11 2.83 0.00	38.44 2.88 0.00	41.37 2.91 0.03	44.01 3.12 0.04	60.07 4.29 0.00	71.60 3.53 -20.07	56.82 2.40 -11.97	38.47 1.89 -0.40	39.08 1.73 0.00	36.20 1.98 0.00	37.01 2.20 0.00
BARRETT_IC_11 23702	43.15 2.19 0.00	38.85 1.71 0.00	35.83 1.60 0.00	33.46 1.63 0.00	32.91 1.47 0.00	29.99 1.24 0.00	31.06 1.42 0.00	28.55 1.64 0.00	31.70 1.59 0.00	34.38 1.82 0.00	36.56 2.44 0.00	39.58 2.88 -1.66	36.86 2.82 0.00	37.11 2.83 0.00	38.44 2.88 0.00	41.37 2.91 0.03	44.01 3.12 0.04	60.07 4.29 0.00	71.60 3.53 -20.07	56.82 2.40 -11.97	38.47 1.89 -0.40	39.08 1.73 0.00	36.20 1.98 0.00	37.01 2.20 0.00
BARRETT_IC_12 23703	43.15 2.19 0.00	38.85 1.71 0.00	35.83 1.60 0.00	33.46 1.63 0.00	32.91 1.47 0.00	29.99 1.24 0.00	31.06 1.42 0.00	28.55 1.64 0.00	31.70 1.59 0.00	34.38 1.82 0.00	36.56 2.44 0.00	39.58 2.88 -1.66	36.86 2.82 0.00	37.11 2.83 0.00	38.44 2.88 0.00	41.37 2.91 0.03	44.01 3.12 0.04	60.07 4.29 0.00	71.60 3.53 -20.07	56.82 2.40 -11.97	38.47 1.89 -0.40	39.08 1.73 0.00	36.20 1.98 0.00	37.01 2.20 0.00
BARRETT_IC_2 23705	43.15 2.19 0.00	38.85 1.71 0.00	35.83 1.60 0.00	33.46 1.63 0.00	32.91 1.47 0.00	29.99 1.24 0.00	31.06 1.42 0.00	28.55 1.64 0.00	31.70 1.59 0.00	34.38 1.82 0.00	36.56 2.44 0.00	39.58 2.88 -1.66	36.86 2.82 0.00	37.11 2.83 0.00	38.44 2.88 0.00	41.37 2.91 0.03	44.01 3.12 0.04	60.07 4.29 0.00	71.60 3.53 -20.07	56.82 2.40 -11.97	38.47 1.89 -0.40	39.08 1.73 0.00	36.20 1.98 0.00	37.01 2.20 0.00
BARRETT_IC_3 23706	43.15 2.19 0.00	38.85 1.71 0.00	35.83 1.60 0.00	33.46 1.63 0.00	32.91 1.47 0.00	29.99 1.24 0.00	31.06 1.42 0.00	28.55 1.64 0.00	31.70 1.59 0.00	34.38 1.82 0.00	36.56 2.44 0.00	39.58 2.88 -1.66	36.86 2.82 0.00	37.11 2.83 0.00	38.44 2.88 0.00	41.37 2.91 0.03	44.01 3.12 0.04	60.07 4.29 0.00	71.60 3.53 -20.07	56.82 2.40 -11.97	38.47 1.89 -0.40	39.08 1.73 0.00	36.20 1.98 0.00	37.01 2.20 0.00
BARRETT_IC_4 23707	43.15 2.19 0.00	38.85 1.71 0.00	35.83 1.60 0.00	33.46 1.63 0.00	32.91 1.47 0.00	29.99 1.24 0.00	31.06 1.42 0.00	28.55 1.64 0.00	31.70 1.59 0.00	34.38 1.82 0.00	36.56 2.44 0.00	39.58 2.88 -1.66	36.86 2.82 0.00	37.11 2.83 0.00	38.44 2.88 0.00	41.37 2.91 0.03	44.01 3.12 0.04	60.07 4.29 0.00	71.60 3.53 -20.07	56.82 2.40 -11.97	38.47 1.89 -0.40	39.08 1.73 0.00	36.20 1.98 0.00	37.01 2.20 0.00
BARRETT_IC_5 23708	43.15 2.19 0.00	38.85 1.71 0.00	35.83 1.60 0.00	33.46 1.63 0.00	32.91 1.47 0.00	29.99 1.24 0.00	31.06 1.42 0.00	28.55 1.64 0.00	31.70 1.59 0.00	34.38 1.82 0.00	36.56 2.44 0.00	39.58 2.88 -1.66	36.86 2.82 0.00	37.11 2.83 0.00	38.44 2.88 0.00	41.37 2.91 0.03	44.01 3.12 0.04	60.07 4.29 0.00	71.60 3.53 -20.07	56.82 2.40 -11.97	38.47 1.89 -0.40	39.08 1.73 0.00	36.20 1.98 0.00	37.01 2.20 0.00

BARRETT_IC_6 23709	43.15 2.19 0.00	38.85 1.71 0.00	35.83 1.60 0.00	33.46 1.63 0.00	32.91 1.47 0.00	29.99 1.24 0.00	31.06 1.42 0.00	28.55 1.64 0.00	31.70 1.59 0.00	34.38 1.82 0.00	36.56 2.44 0.00	39.58 2.88 -1.66	36.86 2.82 0.00	37.11 2.83 0.00	38.44 2.88 0.00	41.37 2.91 0.03	44.01 3.12 0.04	60.07 4.29 0.00	71.60 3.53 -20.07	56.82 2.40 -11.97	38.47 1.89 -0.40	39.08 1.73 0.00	36.20 1.98 0.00	37.01 2.20 0.00
BARRETT_IC_7 23710	43.15 2.19 0.00	38.85 1.71 0.00	35.83 1.60 0.00	33.46 1.63 0.00	32.91 1.47 0.00	29.99 1.24 0.00	31.06 1.42 0.00	28.55 1.64 0.00	31.70 1.59 0.00	34.39 1.83 0.00	36.56 2.44 0.00	39.58 2.88 -1.66	36.87 2.82 0.00	37.12 2.84 0.00	38.45 2.89 0.00	41.38 2.91 0.03	44.01 3.12 0.04	60.07 4.29 0.00	71.62 3.56 -20.07	56.83 2.40 -11.97	38.48 1.90 -0.40	39.09 1.74 0.00	36.21 1.98 0.00	37.01 2.20 0.00
BARRETT_IC_8 23711	43.15 2.19 0.00	38.85 1.71 0.00	35.83 1.60 0.00	33.46 1.63 0.00	32.91 1.47 0.00	29.99 1.24 0.00	31.06 1.42 0.00	28.55 1.64 0.00	31.70 1.59 0.00	34.38 1.82 0.00	36.56 2.44 0.00	39.58 2.88 -1.66	36.86 2.82 0.00	37.11 2.83 0.00	38.44 2.88 0.00	41.37 2.91 0.03	44.01 3.12 0.04	60.07 4.29 0.00	71.60 3.53 -20.07	56.82 2.40 -11.97	38.47 1.89 -0.40	39.08 1.73 0.00	36.20 1.98 0.00	37.01 2.20 0.00
BARRETT_IC_9 23700	43.15 2.19 0.00	38.85 1.71 0.00	35.83 1.60 0.00	33.46 1.63 0.00	32.91 1.47 0.00	29.99 1.24 0.00	31.06 1.42 0.00	28.55 1.64 0.00	31.70 1.59 0.00	34.38 1.82 0.00	36.56 2.44 0.00	39.58 2.88 -1.66	36.86 2.82 0.00	37.11 2.83 0.00	38.44 2.88 0.00	41.37 2.91 0.03	44.01 3.12 0.04	60.07 4.29 0.00	71.60 3.53 -20.07	56.82 2.40 -11.97	38.47 1.89 -0.40	39.08 1.73 0.00	36.20 1.98 0.00	37.01 2.20 0.00
BARRETT___1 23545	43.15 2.19 0.00	38.85 1.71 0.00	35.83 1.60 0.00	33.46 1.63 0.00	32.91 1.47 0.00	29.99 1.24 0.00	31.06 1.42 0.00	28.55 1.64 0.00	31.70 1.59 0.00	34.38 1.82 0.00	36.56 2.44 0.00	39.58 2.88 -1.66	36.86 2.82 0.00	37.11 2.83 0.00	38.44 2.88 0.00	41.37 2.91 0.03	44.01 3.12 0.04	60.07 4.29 0.00	71.60 3.53 -20.07	56.82 2.40 -11.97	38.47 1.89 -0.40	39.08 1.73 0.00	36.20 1.98 0.00	37.01 2.20 0.00
BARRETT___2 23546	43.15 2.19 0.00	38.85 1.71 0.00	35.83 1.60 0.00	33.46 1.63 0.00	32.91 1.47 0.00	29.99 1.24 0.00	31.06 1.42 0.00	28.55 1.64 0.00	31.70 1.59 0.00	34.38 1.82 0.00	36.56 2.44 0.00	39.58 2.88 -1.66	36.86 2.82 0.00	37.11 2.83 0.00	38.44 2.88 0.00	41.37 2.91 0.03	44.01 3.12 0.04	60.07 4.29 0.00	71.60 3.53 -20.07	56.82 2.40 -11.97	38.47 1.89 -0.40	39.08 1.73 0.00	36.20 1.98 0.00	37.01 2.20 0.00
BATAVIA__115KV_TB1 55881	39.92 -1.04 0.00	35.83 -1.31 0.00	30.31 -1.14 2.78	23.81 -0.93 7.09	26.56 -0.89 4.00	27.69 -1.07 0.00	28.29 -1.34 0.00	24.93 -1.01 0.98	20.28 -0.79 9.04	21.59 -1.44 9.53	22.40 -2.08 9.64	23.11 -2.28 9.65	22.06 -2.43 9.56	22.55 -2.12 9.61	23.84 -1.92 9.79	26.27 -2.07 10.15	28.04 -2.32 10.57	39.15 -3.20 13.43	33.47 -2.53 11.99	29.88 -1.73 10.85	26.13 -1.15 8.89	35.80 -1.32 0.23	32.33 -1.32 0.57	29.55 -1.17 4.08
BAYONEEC___CTG1 323682	43.08 2.13 0.00	38.85 1.71 0.00	35.80 1.58 0.00	33.48 1.65 0.00	32.94 1.50 0.00	30.15 1.39 0.00	31.17 1.54 0.00	28.65 1.74 0.00	31.96 1.85 0.00	34.59 2.03 0.00	36.67 2.55 0.00	37.88 2.84 0.00	37.03 2.98 0.00	37.45 3.16 0.00	38.82 3.27 0.00	42.07 3.58 0.00	44.77 3.84 0.00	60.83 5.05 0.00	72.15 4.07 -20.09	57.53 3.09 -11.99	38.86 2.28 -0.41	39.43 2.09 0.00	36.29 2.06 0.00	37.05 2.25 0.00
BAYONEEC___CTG10 323750	43.08 2.13 0.00	38.85 1.71 0.00	35.80 1.58 0.00	33.48 1.65 0.00	32.94 1.50 0.00	30.15 1.39 0.00	31.17 1.54 0.00	28.65 1.74 0.00	31.96 1.85 0.00	34.59 2.03 0.00	36.67 2.55 0.00	37.88 2.84 0.00	37.03 2.98 0.00	37.45 3.16 0.00	38.82 3.27 0.00	42.07 3.58 0.00	44.77 3.84 0.00	60.83 5.05 0.00	72.15 4.07 -20.09	57.53 3.09 -11.99	38.86 2.28 -0.41	39.43 2.09 0.00	36.29 2.06 0.00	37.05 2.25 0.00
BAYONEEC___CTG2 323683	43.08 2.13 0.00	38.85 1.71 0.00	35.80 1.58 0.00	33.48 1.65 0.00	32.94 1.50 0.00	30.15 1.39 0.00	31.17 1.54 0.00	28.65 1.74 0.00	31.96 1.85 0.00	34.59 2.03 0.00	36.67 2.55 0.00	37.88 2.84 0.00	37.03 2.98 0.00	37.45 3.16 0.00	38.82 3.27 0.00	42.07 3.58 0.00	44.77 3.84 0.00	60.83 5.05 0.00	72.15 4.07 -20.09	57.53 3.09 -11.99	38.86 2.28 -0.41	39.43 2.09 0.00	36.29 2.06 0.00	37.05 2.25 0.00
BAYONEEC___CTG3 323684	43.08 2.13 0.00	38.85 1.71 0.00	35.80 1.58 0.00	33.48 1.65 0.00	32.94 1.50 0.00	30.15 1.39 0.00	31.17 1.54 0.00	28.65 1.74 0.00	31.96 1.85 0.00	34.59 2.03 0.00	36.67 2.55 0.00	37.88 2.84 0.00	37.03 2.98 0.00	37.45 3.16 0.00	38.82 3.27 0.00	42.07 3.58 0.00	44.77 3.84 0.00	60.83 5.05 0.00	72.15 4.07 -20.09	57.53 3.09 -11.99	38.86 2.28 -0.41	39.43 2.09 0.00	36.29 2.06 0.00	37.05 2.25 0.00
BAYONEEC___CTG4 323685	43.08 2.13 0.00	38.85 1.71 0.00	35.80 1.58 0.00	33.48 1.65 0.00	32.94 1.50 0.00	30.15 1.39 0.00	31.17 1.54 0.00	28.65 1.74 0.00	31.96 1.85 0.00	34.59 2.03 0.00	36.67 2.55 0.00	37.88 2.84 0.00	37.03 2.98 0.00	37.45 3.16 0.00	38.82 3.27 0.00	42.07 3.58 0.00	44.77 3.84 0.00	60.83 5.05 0.00	72.15 4.07 -20.09	57.53 3.09 -11.99	38.86 2.28 -0.41	39.43 2.09 0.00	36.29 2.06 0.00	37.05 2.25 0.00
BAYONEEC___CTG5 323686	43.08 2.13 0.00	38.85 1.71 0.00	35.80 1.58 0.00	33.48 1.65 0.00	32.94 1.50 0.00	30.15 1.39 0.00	31.17 1.54 0.00	28.65 1.74 0.00	31.96 1.85 0.00	34.59 2.03 0.00	36.67 2.55 0.00	37.88 2.84 0.00	37.03 2.98 0.00	37.45 3.16 0.00	38.82 3.27 0.00	42.07 3.58 0.00	44.77 3.84 0.00	60.83 5.05 0.00	72.15 4.07 -20.09	57.53 3.09 -11.99	38.86 2.28 -0.41	39.43 2.09 0.00	36.29 2.06 0.00	37.05 2.25 0.00
BAYONEEC___CTG6 323687	43.08 2.13 0.00	38.85 1.71 0.00	35.80 1.58 0.00	33.48 1.65 0.00	32.94 1.50 0.00	30.15 1.39 0.00	31.17 1.54 0.00	28.65 1.74 0.00	31.96 1.85 0.00	34.59 2.03 0.00	36.67 2.55 0.00	37.88 2.84 0.00	37.03 2.98 0.00	37.45 3.16 0.00	38.82 3.27 0.00	42.07 3.58 0.00	44.77 3.84 0.00	60.83 5.05 0.00	72.15 4.07 -20.09	57.53 3.09 -11.99	38.86 2.28 -0.41	39.43 2.09 0.00	36.29 2.06 0.00	37.05 2.25 0.00
BAYONEEC___CTG7 323688	43.08 2.13 0.00	38.85 1.71 0.00	35.80 1.58 0.00	33.48 1.65 0.00	32.94 1.50 0.00	30.15 1.39 0.00	31.17 1.54 0.00	28.65 1.74 0.00	31.96 1.85 0.00	34.59 2.03 0.00	36.67 2.55 0.00	37.88 2.84 0.00	37.03 2.98 0.00	37.45 3.16 0.00	38.82 3.27 0.00	42.07 3.58 0.00	44.77 3.84 0.00	60.83 5.05 0.00	72.15 4.07 -20.09	57.53 3.09 -11.99	38.86 2.28 -0.41	39.43 2.09 0.00	36.29 2.06 0.00	37.05 2.25 0.00

BAYONEEC___CTG8 323689	43.08 2.13 0.00	38.85 1.71 0.00	35.80 1.58 0.00	33.48 1.65 0.00	32.94 1.50 0.00	30.15 1.39 0.00	31.17 1.54 0.00	28.65 1.74 0.00	31.96 1.85 0.00	34.59 2.03 0.00	36.67 2.55 0.00	37.88 2.84 0.00	37.03 2.98 0.00	37.45 3.16 0.00	38.82 3.27 0.00	42.07 3.58 0.00	44.77 3.84 0.00	60.83 5.05 0.00	72.15 4.07 -20.09	57.53 3.09 -11.99	38.86 2.28 -0.41	39.43 2.09 0.00	36.29 2.06 0.00	37.05 2.25 0.00
BAYONEEC___CTG9 323749	43.08 2.13 0.00	38.85 1.71 0.00	35.80 1.58 0.00	33.48 1.65 0.00	32.94 1.50 0.00	30.15 1.39 0.00	31.17 1.54 0.00	28.65 1.74 0.00	31.96 1.85 0.00	34.59 2.03 0.00	36.67 2.55 0.00	37.88 2.84 0.00	37.03 2.98 0.00	37.45 3.16 0.00	38.82 3.27 0.00	42.07 3.58 0.00	44.77 3.84 0.00	60.83 5.05 0.00	72.15 4.07 -20.09	57.53 3.09 -11.99	38.86 2.28 -0.41	39.43 2.09 0.00	36.29 2.06 0.00	37.05 2.25 0.00
BAYPORT_69_KV_BK 2 356364	44.08 3.12 0.00	39.56 2.42 0.00	36.50 2.27 0.00	34.12 2.29 0.00	33.56 2.12 0.00	30.51 1.76 0.00	31.66 2.02 0.00	29.09 2.18 0.00	32.18 2.07 0.00	34.90 2.34 0.00	37.01 2.89 0.00	40.13 3.48 -1.61	37.40 3.35 0.00	37.53 3.25 0.00	38.96 3.40 0.00	41.16 3.27 0.60	39.48 3.45 4.90	60.64 4.86 0.00	72.21 4.14 -20.07	57.36 2.94 -11.97	40.03 2.44 -1.42	40.82 2.44 -1.03	36.98 2.75 0.00	37.73 2.93 0.00
BEACON___LESR 323632	41.77 0.90 0.09	38.10 0.96 0.00	35.41 1.18 0.00	33.04 1.21 0.00	32.58 1.14 0.00	29.71 0.96 0.00	30.59 0.95 0.00	27.78 0.87 0.00	30.86 0.75 0.00	33.37 0.81 0.00	35.09 0.97 0.00	36.03 0.99 0.00	35.12 1.07 0.00	35.38 1.10 0.00	36.63 1.08 0.00	39.87 1.38 0.00	42.53 1.59 0.00	57.64 1.86 0.00	50.77 1.48 -1.29	46.84 1.47 -2.92	37.54 1.25 -0.11	38.61 1.26 0.00	35.38 1.15 0.00	35.90 1.09 0.00
BEAVER RIVER___HYD 24048	41.04 0.08 0.00	36.82 -0.32 0.00	34.13 -0.10 0.00	32.20 0.37 0.00	31.89 0.44 0.00	29.23 0.48 0.00	30.09 0.46 0.00	27.34 0.43 0.00	30.46 0.35 0.00	32.70 0.15 0.00	33.52 -0.60 0.00	34.19 -0.85 0.00	33.01 -1.04 0.00	32.79 -1.50 0.00	34.03 -1.52 0.00	36.45 -2.04 0.00	38.76 -2.17 0.00	54.16 -1.62 0.00	47.86 -0.13 0.00	42.20 -0.25 0.00	35.55 -0.63 0.00	36.60 -0.74 0.00	33.39 -0.84 0.00	33.89 -0.92 0.00
BEEBEE_GT_13 23619	40.03 -0.93 0.00	36.07 -1.06 0.00	32.47 -0.99 0.76	29.01 -0.87 1.95	29.53 -0.82 1.10	27.89 -0.87 0.00	28.64 -1.00 0.00	25.88 -0.76 0.27	26.86 -0.77 2.49	28.82 -1.12 2.62	30.08 -1.39 2.65	30.88 -1.51 2.65	29.86 -1.57 2.63	30.21 -1.44 2.64	31.70 -1.16 2.69	34.39 -1.31 2.79	36.48 -1.55 2.91	49.20 -1.92 4.66	42.26 -1.65 4.08	37.97 -1.34 3.15	32.66 -1.07 2.45	36.20 -1.08 0.06	32.95 -1.12 0.16	32.55 -1.07 1.18
BENSHRST_27_KV_BENSHRST_1 355998	43.54 2.58 0.00	39.25 2.11 0.00	36.16 1.93 0.00	33.82 1.99 0.00	33.25 1.81 0.00	30.44 1.69 0.00	31.46 1.83 0.00	28.93 2.02 0.00	32.27 2.17 0.00	34.95 2.39 0.00	37.06 2.94 0.00	38.40 3.35 0.00	37.52 3.48 0.00	38.01 3.72 0.00	39.40 3.85 0.00	42.70 4.21 -0.01	45.40 4.46 0.00	61.57 5.80 0.00	72.86 4.78 -20.09	58.08 3.64 -11.99	39.35 2.77 -0.41	39.85 2.50 0.00	36.67 2.44 0.00	37.47 2.67 0.00
BETHLEHEM___GRP 23843	41.30 0.39 0.05	37.71 0.57 0.00	35.06 0.83 0.00	32.72 0.89 0.00	32.25 0.81 0.00	29.42 0.67 0.00	30.25 0.62 0.00	27.50 0.59 0.00	30.48 0.37 0.00	32.93 0.38 0.00	34.67 0.55 0.00	35.62 0.58 0.00	34.70 0.65 0.00	34.92 0.64 0.00	36.21 0.66 0.00	39.35 0.86 0.00	41.90 0.96 0.00	56.67 0.89 0.00	50.01 0.76 -1.25	46.15 0.79 -2.91	37.02 0.74 -0.11	38.09 0.74 0.00	34.89 0.67 0.00	35.45 0.65 0.00
BETHLEHEM___GS1 323560	41.29 0.39 0.05	37.71 0.57 0.00	35.05 0.83 0.00	32.72 0.89 0.00	32.25 0.80 0.00	29.42 0.67 0.00	30.25 0.62 0.00	27.50 0.59 0.00	30.48 0.37 0.00	32.93 0.38 0.00	34.67 0.55 0.00	35.62 0.58 0.00	34.70 0.65 0.00	34.92 0.63 0.00	36.20 0.65 0.00	39.35 0.86 0.00	41.90 0.96 0.00	56.68 0.90 0.00	50.01 0.76 -1.25	46.15 0.79 -2.91	37.02 0.73 -0.11	38.08 0.73 0.00	34.89 0.67 0.00	35.46 0.65 0.00
BETHLEHEM___GS2 323561	41.29 0.39 0.05	37.71 0.57 0.00	35.05 0.83 0.00	32.72 0.89 0.00	32.25 0.80 0.00	29.42 0.67 0.00	30.25 0.62 0.00	27.50 0.59 0.00	30.48 0.37 0.00	32.93 0.38 0.00	34.67 0.55 0.00	35.62 0.58 0.00	34.70 0.65 0.00	34.92 0.63 0.00	36.20 0.65 0.00	39.35 0.86 0.00	41.90 0.96 0.00	56.68 0.90 0.00	50.01 0.76 -1.25	46.15 0.79 -2.91	37.02 0.73 -0.11	38.08 0.73 0.00	34.89 0.67 0.00	35.46 0.65 0.00
BETHLEHEM___GS3 323562	41.29 0.39 0.05	37.71 0.57 0.00	35.05 0.83 0.00	32.72 0.89 0.00	32.25 0.80 0.00	29.42 0.67 0.00	30.25 0.62 0.00	27.50 0.59 0.00	30.48 0.37 0.00	32.93 0.38 0.00	34.67 0.55 0.00	35.62 0.58 0.00	34.70 0.65 0.00	34.92 0.63 0.00	36.20 0.65 0.00	39.35 0.86 0.00	41.90 0.96 0.00	56.68 0.90 0.00	50.01 0.76 -1.25	46.15 0.79 -2.91	37.02 0.73 -0.11	38.08 0.73 0.00	34.89 0.67 0.00	35.46 0.65 0.00
BETHLEHEM___STEEL 23779	39.12 -1.84 0.00	34.99 -2.14 0.00	27.31 -1.96 4.96	17.48 -1.71 12.63	22.74 -1.59 7.12	27.09 -1.66 0.00	27.75 -1.88 0.00	23.62 -1.54 1.74	12.45 -1.54 16.11	13.77 -1.82 16.97	14.60 -2.35 17.17	15.15 -2.69 17.20	14.27 -2.75 17.03	14.60 -2.56 17.12	15.78 -2.33 17.45	17.85 -2.55 18.09	19.26 -2.84 18.84	29.26 -3.66 22.86	24.04 -3.25 20.70	20.59 -2.72 19.14	18.27 -2.08 15.83	34.77 -2.17 0.41	31.14 -2.08 1.01	25.68 -1.92 7.20
BETHLHEM_115KV_TB1 79974	41.37 0.46 0.05	37.76 0.62 0.00	35.06 0.84 0.00	32.73 0.89 0.00	32.25 0.81 0.00	29.43 0.67 0.00	30.27 0.64 0.00	27.52 0.61 0.00	30.53 0.43 0.00	32.99 0.43 0.00	34.72 0.60 0.00	35.68 0.64 0.00	34.75 0.71 0.00	34.98 0.70 0.00	36.27 0.72 0.00	39.41 0.92 0.00	41.95 1.01 0.00	56.78 1.00 0.00	50.07 0.85 -1.22	46.22 0.86 -2.90	37.07 0.78 -0.11	38.13 0.78 0.00	34.94 0.72 0.00	35.50 0.70 0.00
BETHPAGE_CC_5 323564	43.67 2.72 0.00	39.23 2.09 0.00	36.18 1.95 0.00	33.79 1.96 0.00	33.24 1.79 0.00	30.26 1.50 0.00	31.34 1.70 0.00	28.81 1.90 0.00	31.96 1.85 0.00	34.67 2.11 0.00	36.91 2.79 0.00	40.12 3.26 -1.82	37.16 3.11 0.00	37.28 2.99 0.00	38.62 3.07 0.00	40.95 2.95 0.48	40.21 3.18 3.90	60.18 4.41 0.00	71.72 3.65 -20.07	56.93 2.51 -11.97	38.52 1.95 -0.40	39.16 1.81 0.00	36.28 2.06 0.00	37.14 2.34 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.21 -1.74 0.00	35.08 -2.05 0.00	27.51 -1.86 4.85	17.85 -1.63 12.35	22.97 -1.51 6.96	27.16 -1.59 0.00	27.83 -1.80 0.00	23.74 -1.46 1.71	12.89 -1.46 15.76	14.24 -1.72 16.60	15.10 -2.23 16.79	15.65 -2.57 16.82	14.76 -2.63 16.65	15.10 -2.44 16.74	16.28 -2.21 17.06	18.38 -2.42 17.69	19.81 -2.71 18.42	29.97 -3.45 22.36	24.69 -3.06 20.24	21.17 -2.56 18.72	18.76 -1.94 15.47	34.90 -2.04 0.40	31.27 -1.98 0.99	25.93 -1.82 7.06

BINGHAMTON___COGEN 23790	40.80 -0.15 0.00	36.84 -0.30 0.00	34.64 -0.23 -0.64	33.32 -0.14 -1.62	32.20 -0.15 -0.91	28.59 -0.16 0.00	29.46 -0.18 0.00	27.10 -0.04 -0.22	32.06 -0.12 -2.07	34.64 -0.10 -2.18	36.09 -0.23 -2.21	36.89 -0.37 -2.21	35.91 -0.33 -2.19	36.27 -0.22 -2.20	37.63 -0.17 -2.24	40.68 -0.13 -2.32	43.29 -0.07 -2.42	58.41 0.12 -2.51	50.87 -0.12 -3.00	44.70 -0.18 -2.43	38.15 -0.07 -2.04	37.26 -0.15 -0.05	34.47 0.10 -0.14	36.04 0.13 -1.10
BIXINCNT_115KV_LOAD 355685	39.12 -1.84 0.00	34.84 -2.30 0.00	27.66 -2.17 4.41	18.72 -1.90 11.22	23.45 -1.67 6.32	27.18 -1.57 0.00	27.88 -1.76 0.00	23.80 -1.56 1.55	13.97 -1.82 14.32	15.43 -2.05 15.08	16.12 -2.75 15.25	16.55 -3.21 15.28	15.58 -3.34 15.12	15.70 -3.37 15.21	16.76 -3.29 15.50	18.92 -3.50 16.07	20.52 -3.68 16.73	30.84 -4.56 20.38	25.96 -3.65 18.38	22.49 -2.96 17.01	20.24 -1.89 14.05	35.03 -1.95 0.37	31.40 -1.92 0.90	26.54 -1.81 6.46
BLACK RIVER___HYD 24047	41.16 0.20 0.00	36.82 -0.32 0.00	34.22 -0.01 0.00	32.35 0.51 0.00	32.00 0.56 0.00	29.35 0.60 0.00	30.19 0.55 0.00	27.50 0.59 0.00	30.65 0.54 0.00	32.88 0.32 0.00	33.60 -0.52 0.00	34.21 -0.84 0.00	33.01 -1.04 0.00	32.59 -1.70 0.00	33.99 -1.57 0.00	36.09 -2.40 0.00	38.44 -2.50 0.00	53.41 -2.37 0.00	47.67 -0.32 0.00	42.35 -0.10 0.00	35.74 -0.43 0.00	36.77 -0.58 0.00	33.51 -0.72 0.00	33.96 -0.85 0.00
BLACKRVR_115KV_TB2 79977	41.16 0.20 0.00	36.82 -0.32 0.00	34.22 -0.01 0.00	32.35 0.51 0.00	32.00 0.56 0.00	29.35 0.60 0.00	30.19 0.56 0.00	27.50 0.59 0.00	30.65 0.54 0.00	32.87 0.32 0.00	33.60 -0.52 0.00	34.20 -0.84 0.00	33.01 -1.04 0.00	32.59 -1.70 0.00	33.99 -1.57 0.00	36.09 -2.40 0.00	38.44 -2.50 0.00	53.41 -2.37 0.00	47.66 -0.33 0.00	42.35 -0.10 0.00	35.74 -0.43 0.00	36.77 -0.58 0.00	33.51 -0.72 0.00	33.96 -0.85 0.00
BLISS_WT_PWR 323608	38.98 -1.98 0.00	34.68 -2.46 0.00	27.47 -2.35 4.41	18.55 -2.07 11.22	23.32 -1.80 6.32	27.10 -1.66 0.00	27.78 -1.85 0.00	23.67 -1.69 1.55	13.78 -2.02 14.32	15.24 -2.23 15.08	15.87 -3.00 15.25	16.25 -3.51 15.28	15.26 -3.66 15.12	15.34 -3.73 15.21	16.38 -3.67 15.50	18.52 -3.90 16.07	20.15 -4.05 16.73	30.36 -5.04 20.38	25.74 -3.87 18.38	22.32 -3.13 17.01	20.18 -1.94 14.05	34.96 -2.02 0.37	31.32 -2.01 0.90	26.44 -1.90 6.46
BLUESTONE___WT_PWR 323821	40.89 -0.07 0.00	37.35 0.21 0.00	35.45 0.48 -0.74	34.45 0.73 -1.89	33.13 0.62 -1.06	29.05 0.30 0.00	29.92 0.28 0.00	27.57 0.40 -0.26	32.94 0.43 -2.41	35.60 0.51 -2.53	37.44 0.76 -2.56	37.86 0.25 -2.57	36.29 -0.29 -2.54	36.41 -0.43 -2.56	38.07 -0.09 -2.61	41.06 -0.13 -2.70	43.55 -0.20 -2.81	58.66 -0.13 -3.01	51.56 0.07 -3.50	45.88 0.60 -2.83	39.41 0.87 -2.37	38.19 0.78 -0.06	34.78 0.40 -0.16	36.66 0.70 -1.16
BLUE_CIRC_CHEM_DRP 24182	41.19 0.29 0.05	38.05 0.91 0.00	35.26 1.03 0.00	32.91 1.08 0.00	32.44 0.99 0.00	29.61 0.86 0.00	30.45 0.81 0.00	27.67 0.76 0.00	30.73 0.62 0.00	33.14 0.58 0.00	34.89 0.78 0.00	35.86 0.81 0.00	34.89 0.85 0.00	35.07 0.78 0.00	36.31 0.76 0.00	39.46 0.97 0.00	42.03 1.09 0.00	57.11 1.33 0.00	50.72 1.17 -1.55	46.43 1.14 -2.85	37.33 1.04 -0.11	38.42 1.07 0.00	35.23 1.00 0.00	35.82 1.02 0.00
BOC_GAS_DRP 24189	41.51 0.58 0.03	37.82 0.68 0.00	35.00 0.77 0.00	32.66 0.83 0.00	32.18 0.74 0.00	29.39 0.64 0.00	30.26 0.62 0.00	27.54 0.63 0.00	30.65 0.54 0.00	33.13 0.57 0.00	34.84 0.72 0.00	35.80 0.76 0.00	34.87 0.82 0.00	35.12 0.83 0.00	36.40 0.84 0.00	39.49 1.01 0.00	42.02 1.08 0.00	56.96 1.19 0.00	50.09 0.99 -1.10	46.26 0.92 -2.89	37.07 0.79 -0.11	38.15 0.80 0.00	34.99 0.76 0.00	35.58 0.78 0.00
BOONVILLE_115KV_TB1 79983	41.62 0.66 0.00	37.55 0.41 0.00	34.69 0.46 0.00	32.50 0.67 0.00	32.13 0.69 0.00	29.42 0.66 0.00	30.29 0.66 0.00	27.54 0.63 0.00	30.72 0.61 0.00	33.12 0.56 0.00	34.35 0.23 0.00	35.09 0.05 0.00	33.96 -0.09 0.00	33.97 -0.31 0.00	35.23 -0.32 0.00	38.07 -0.42 0.00	40.44 -0.49 0.00	55.97 0.20 0.00	48.63 0.63 0.00	42.94 0.48 0.00	36.40 0.23 0.00	37.51 0.17 0.00	34.30 0.07 0.00	34.83 0.02 0.00
BORALEX_4TH_BRANCH 23824	43.14 2.14 -0.05	39.19 2.06 0.00	36.23 2.00 0.00	33.87 2.04 0.00	33.36 1.92 0.00	30.31 1.56 0.00	30.97 1.34 0.00	28.24 1.33 0.00	31.44 1.33 0.00	33.95 1.40 0.00	35.66 1.54 0.00	36.54 1.50 0.00	35.62 1.57 0.00	35.91 1.63 0.00	37.10 1.55 0.00	40.32 1.83 0.00	42.91 1.97 0.00	57.69 1.91 0.00	50.98 1.55 -1.43	47.13 1.70 -2.99	37.88 1.60 -0.11	39.30 1.96 0.00	35.99 1.76 0.00	36.46 1.66 0.00
BOWLINE___1 23526	42.71 1.75 0.00	38.56 1.42 0.00	35.54 1.31 0.00	33.19 1.36 0.00	32.66 1.22 0.00	29.88 1.13 0.00	30.87 1.23 0.00	28.33 1.42 0.00	31.56 1.45 0.00	34.21 1.65 0.00	36.21 2.09 0.00	37.38 2.34 0.00	36.55 2.51 0.00	36.96 2.68 0.00	38.29 2.74 0.00	41.51 3.02 0.00	44.22 3.28 0.00	60.14 4.36 0.00	73.72 3.53 -22.19	60.27 2.67 -15.15	38.67 1.98 -0.52	39.12 1.77 0.00	35.98 1.75 0.00	36.70 1.90 0.00
BOWLINE___2 23595	42.69 1.73 0.00	38.55 1.41 0.00	35.54 1.31 0.00	33.19 1.36 0.00	32.66 1.22 0.00	29.88 1.13 0.00	30.87 1.23 0.00	28.33 1.42 0.00	31.56 1.45 0.00	34.21 1.65 0.00	36.21 2.09 0.00	37.38 2.34 0.00	36.55 2.51 0.00	36.96 2.68 0.00	38.29 2.74 0.00	41.51 3.02 0.00	44.21 3.28 0.00	60.14 4.36 0.00	73.68 3.53 -22.15	60.22 2.66 -15.11	38.67 1.98 -0.51	39.12 1.78 0.00	35.98 1.75 0.00	36.70 1.90 0.00
BRADY___115KV_TB2 356060	41.29 0.33 0.00	37.39 0.25 0.00	34.34 0.11 0.00	31.87 0.04 0.00	31.57 0.12 0.00	28.89 0.14 0.00	29.83 0.19 0.00	26.97 0.06 0.00	30.25 0.15 0.00	32.81 0.25 0.00	34.28 0.16 0.00	35.30 0.26 0.00	34.13 0.09 0.00	34.22 -0.06 0.00	35.28 -0.27 0.00	38.13 -0.36 0.00	40.53 -0.41 0.00	55.12 -0.66 0.00	48.14 0.14 0.00	42.80 0.35 0.00	36.46 0.28 0.00	37.70 0.35 0.00	34.29 0.06 0.00	34.74 -0.07 0.00
BRANSCOMB___SOLAR 323811	43.29 2.29 -0.04	39.13 1.99 0.00	36.11 1.88 0.00	33.70 1.88 0.00	33.23 1.79 0.00	30.32 1.56 0.00	31.14 1.50 0.00	28.36 1.45 0.00	31.58 1.47 0.00	34.02 1.47 0.00	35.82 1.70 0.00	36.77 1.73 0.00	35.72 1.68 0.00	35.84 1.56 0.00	37.06 1.51 0.00	40.30 1.81 0.00	43.04 2.10 0.00	58.58 2.80 0.00	51.81 2.68 -1.14	47.78 2.64 -2.69	38.62 2.35 -0.10	39.83 2.48 0.00	36.41 2.19 0.00	36.92 2.12 0.00
BRDGHMPT_69_KV_BK1 55812	43.84 2.88 0.00	39.29 2.16 0.00	36.30 2.06 0.00	34.26 2.43 0.00	33.89 2.44 0.00	30.91 2.16 0.00	32.07 2.43 0.00	29.47 2.57 0.00	32.59 2.48 0.00	35.28 2.72 0.00	37.26 3.14 0.00	40.35 3.72 -1.59	37.23 3.19 0.00	37.42 3.14 0.00	38.71 3.16 0.00	40.94 3.06 0.62	39.13 3.20 5.01	60.46 4.68 0.00	72.15 4.09 -20.07	57.29 2.87 -11.97	40.10 2.30 -1.63	40.90 2.30 -1.25	36.85 2.62 0.00	37.74 2.94 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	43.90 2.94 0.00	39.37 2.23 0.00	36.33 2.11 0.00	33.94 2.11 0.00	33.38 1.94 0.00	30.34 1.58 0.00	31.47 1.84 0.00	28.92 2.01 0.00	31.96 1.85 0.00	34.71 2.15 0.00	36.90 2.78 0.00	39.98 3.32 -1.61	37.25 3.20 0.00	37.29 3.00 0.00	38.66 3.11 0.00	40.86 2.97 0.60	39.25 3.19 4.88	60.23 4.45 0.00	71.83 3.76 -20.07	56.91 2.49 -11.97	39.68 1.98 -1.52	40.53 2.04 -1.14	36.65 2.42 0.00	37.49 2.69 0.00
BRISTLHL_115KV_TB1 79998	39.76 -1.20 0.00	36.12 -1.02 0.00	33.37 -0.86 0.00	31.07 -0.76 0.00	30.69 -0.75 0.00	28.04 -0.72 0.00	28.87 -0.77 0.00	26.25 -0.66 0.00	29.32 -0.79 0.00	31.60 -0.95 0.00	32.96 -1.16 0.00	33.78 -1.27 0.00	32.75 -1.29 0.00	33.04 -1.24 0.00	34.33 -1.22 0.00	37.12 -1.37 0.00	39.51 -1.43 0.00	54.66 -1.99 -0.88	46.98 -1.67 -0.65	41.20 -1.40 -0.15	35.01 -1.17 0.00	36.12 -1.23 0.00	33.16 -1.07 0.00	33.75 -1.05 0.00
BROOKHAVEN___DRP 24191	43.71 2.75 0.00	39.27 2.13 0.00	36.23 2.00 0.00	33.92 2.09 0.00	33.39 1.94 0.00	30.37 1.61 0.00	31.50 1.86 0.00	28.94 2.03 0.00	31.98 1.87 0.00	34.60 2.04 0.00	36.59 2.47 0.00	39.66 3.03 -1.59	36.82 2.78 0.00	37.02 2.74 0.00	38.41 2.86 0.00	40.55 2.68 0.62	38.71 2.79 5.01	59.75 3.97 0.00	71.51 3.44 -20.07	56.81 2.38 -11.97	39.81 2.00 -1.64	40.64 2.02 -1.26	36.65 2.42 0.00	37.40 2.59 0.00
BROOKLYN_NAVY_YARD 23515	42.98 2.02 0.00	38.75 1.61 0.00	35.71 1.48 0.00	33.40 1.57 0.00	32.87 1.42 0.00	30.08 1.32 0.00	31.11 1.47 0.00	28.60 1.69 0.00	31.90 1.79 0.00	34.53 1.97 0.00	30.90 2.45 5.67	37.77 2.73 0.00	36.95 2.90 0.00	37.34 3.06 0.00	38.72 3.16 0.00	41.96 3.47 0.00	44.64 3.71 0.00	60.66 4.88 0.00	72.01 3.93 -20.09	57.42 2.97 -11.99	21.72 2.16 16.61	39.31 1.96 0.01	36.22 1.99 0.00	36.95 2.14 0.00
BROOKLYN___ARMY_DRP 323595	43.27 2.32 0.00	39.01 1.87 0.00	35.95 1.73 0.00	33.63 1.80 0.00	33.07 1.63 0.00	30.28 1.53 0.00	31.30 1.66 0.00	28.77 1.86 0.00	32.08 1.97 0.00	34.73 2.17 0.00	36.81 2.70 0.00	38.13 3.09 0.00	37.26 3.21 0.00	37.73 3.44 0.00	39.11 3.56 0.00	42.38 3.88 -0.01	45.04 4.10 0.00	61.08 5.30 0.00	72.44 4.36 -20.09	57.71 3.27 -11.99	39.06 2.48 -0.41	39.57 2.22 0.00	36.43 2.20 0.00	37.23 2.43 0.00
BROOME_2_LFGE 323671	40.81 -0.15 0.00	36.84 -0.30 0.00	34.64 -0.23 -0.64	33.32 -0.14 -1.62	32.20 -0.16 -0.91	28.59 -0.16 0.00	29.46 -0.18 0.00	27.10 -0.04 -0.22	32.06 -0.12 -2.07	34.63 -0.11 -2.18	36.08 -0.25 -2.21	36.87 -0.38 -2.21	35.88 -0.35 -2.19	36.24 -0.24 -2.20	37.61 -0.19 -2.24	40.66 -0.15 -2.32	43.28 -0.08 -2.42	58.38 0.09 -2.51	50.86 -0.14 -3.00	44.70 -0.19 -2.43	38.14 -0.07 -2.04	37.25 -0.15 -0.05	34.47 0.10 -0.14	36.04 0.13 -1.10
BROOME___LFGE 323600	40.81 -0.15 0.00	36.84 -0.30 0.00	34.64 -0.23 -0.64	33.32 -0.14 -1.62	32.20 -0.16 -0.91	28.59 -0.16 0.00	29.46 -0.18 0.00	27.10 -0.04 -0.22	32.06 -0.12 -2.07	34.63 -0.11 -2.18	36.08 -0.25 -2.21	36.87 -0.38 -2.21	35.88 -0.35 -2.19	36.24 -0.24 -2.20	37.61 -0.19 -2.24	40.66 -0.15 -2.32	43.28 -0.08 -2.42	58.38 0.09 -2.51	50.86 -0.14 -3.00	44.70 -0.19 -2.43	38.14 -0.07 -2.04	37.25 -0.15 -0.05	34.47 0.10 -0.14	36.04 0.13 -1.10
BROWNFLS_115KV_TB_3_5 80003	40.73 -0.23 0.00	36.70 -0.44 0.00	33.88 -0.35 0.00	31.77 -0.06 0.00	31.48 0.04 0.00	28.85 0.10 0.00	29.74 0.10 0.00	26.97 0.06 0.00	30.14 0.03 0.00	32.51 -0.05 0.00	33.60 -0.52 0.00	34.42 -0.63 0.00	33.26 -0.79 0.00	33.18 -1.10 0.00	34.35 -1.20 0.00	36.86 -1.63 0.00	39.21 -1.73 0.00	54.22 -1.56 0.00	47.62 -0.38 0.00	42.06 -0.39 0.00	35.63 -0.54 0.00	36.75 -0.60 0.00	33.47 -0.76 0.00	33.94 -0.86 0.00
BROWNSV1_27_KV_LOAD 356125	43.42 2.46 0.00	39.16 2.02 0.00	36.08 1.85 0.00	33.73 1.90 0.00	33.18 1.74 0.00	30.36 1.61 0.00	31.38 1.75 0.00	28.86 1.95 0.00	32.20 2.10 0.00	34.88 2.32 0.00	36.98 2.86 0.00	38.21 3.17 0.00	37.36 3.32 0.00	37.79 3.51 0.00	39.17 3.62 0.00	42.45 3.96 0.00	45.19 4.25 0.00	61.41 5.63 0.00	72.66 4.58 -20.09	57.95 3.51 -11.99	39.21 2.63 -0.41	39.78 2.43 0.00	36.60 2.37 0.00	37.36 2.55 0.00
BURROWS___LYONSDAL 23803	41.44 0.49 0.00	37.32 0.18 0.00	34.52 0.29 0.00	32.43 0.60 0.00	32.07 0.62 0.00	29.37 0.62 0.00	30.25 0.62 0.00	27.48 0.58 0.00	30.63 0.53 0.00	32.98 0.42 0.00	34.07 -0.05 0.00	34.78 -0.27 0.00	33.63 -0.42 0.00	33.58 -0.70 0.00	34.84 -0.71 0.00	37.58 -0.91 0.00	39.91 -1.03 0.00	55.51 -0.27 0.00	48.43 0.44 0.00	42.68 0.22 0.00	36.08 -0.09 0.00	37.17 -0.18 0.00	33.97 -0.26 0.00	34.50 -0.30 0.00
CAITHNESS_CC_1 323624	43.61 2.66 0.00	39.19 2.05 0.00	36.17 1.94 0.00	33.84 2.01 0.00	33.31 1.86 0.00	30.29 1.54 0.00	31.42 1.78 0.00	28.86 1.95 0.00	31.89 1.79 0.00	34.51 1.95 0.00	36.54 2.42 0.00	39.60 2.98 -1.59	36.80 2.75 0.00	36.96 2.67 0.00	38.34 2.79 0.00	40.49 2.62 0.62	38.65 2.72 5.01	59.64 3.87 0.00	71.38 3.31 -20.07	56.69 2.27 -11.97	39.71 1.88 -1.66	40.52 1.90 -1.28	36.55 2.32 0.00	37.31 2.50 0.00
CALPINE BETH_PAGE_GT4 24209	43.62 2.67 0.00	39.21 2.07 0.00	36.18 1.95 0.00	33.79 1.96 0.00	33.23 1.78 0.00	30.26 1.51 0.00	31.34 1.71 0.00	28.80 1.90 0.00	31.95 1.84 0.00	34.66 2.10 0.00	36.91 2.79 0.00	40.25 3.29 -1.91	37.15 3.10 0.00	37.32 3.03 0.00	38.67 3.12 0.00	41.00 2.94 0.43	40.63 3.19 3.49	60.18 4.40 0.00	71.72 3.66 -20.07	56.92 2.50 -11.97	38.51 1.93 -0.40	39.13 1.79 0.00	36.24 2.02 0.00	37.10 2.29 0.00
CALPINE_BETH_PAGE_GT_4 323586	43.62 2.67 0.00	39.21 2.07 0.00	36.18 1.95 0.00	33.79 1.96 0.00	33.23 1.78 0.00	30.26 1.51 0.00	31.34 1.71 0.00	28.80 1.90 0.00	31.95 1.84 0.00	34.65 2.09 0.00	36.91 2.79 0.00	40.24 3.29 -1.91	37.14 3.10 0.00	37.30 3.02 0.00	38.66 3.11 0.00	41.00 2.94 0.43	40.62 3.17 3.49	60.17 4.40 0.00	71.71 3.64 -20.07	56.92 2.50 -11.97	38.51 1.93 -0.40	39.14 1.79 0.00	36.24 2.02 0.00	37.10 2.29 0.00
CALPINE_BP_GT1 23823	43.62 2.67 0.00	39.21 2.07 0.00	36.18 1.95 0.00	33.79 1.96 0.00	33.23 1.78 0.00	30.26 1.51 0.00	31.34 1.71 0.00	28.80 1.90 0.00	31.95 1.84 0.00	34.65 2.09 0.00	36.91 2.79 0.00	40.24 3.29 -1.91	37.14 3.10 0.00	37.30 3.02 0.00	38.66 3.11 0.00	41.00 2.94 0.43	40.62 3.17 3.49	60.17 4.40 0.00	71.71 3.64 -20.07	56.92 2.50 -11.97	38.51 1.93 -0.40	39.14 1.79 0.00	36.24 2.02 0.00	37.10 2.29 0.00
CALSPAN___DRP 24200	39.12 -1.84 0.00	34.99 -2.14 0.00	27.31 -1.96 4.96	17.48 -1.71 12.63	22.74 -1.59 7.12	27.09 -1.66 0.00	27.75 -1.88 0.00	23.62 -1.54 1.74	12.45 -1.54 16.11	13.77 -1.82 16.97	14.60 -2.35 17.17	15.15 -2.69 17.20	14.27 -2.75 17.03	14.60 -2.56 17.12	15.78 -2.33 17.45	17.85 -2.55 18.09	19.26 -2.84 18.84	29.26 -3.66 22.86	24.04 -3.25 20.70	20.59 -2.72 19.14	18.27 -2.08 15.83	34.77 -2.17 0.41	31.14 -2.08 1.01	25.68 -1.92 7.20

CALVERTON___SOLAR 323806	43.80 2.84 0.00	39.32 2.19 0.00	36.30 2.07 0.00	33.99 2.16 0.00	33.48 2.03 0.00	30.46 1.71 0.00	31.60 1.96 0.00	29.03 2.12 0.00	32.08 1.97 0.00	34.69 2.13 0.00	36.65 2.53 0.00	39.73 3.11 -1.59	36.86 2.82 0.00	37.07 2.79 0.00	38.48 2.92 0.00	40.62 2.75 0.62	38.79 2.86 5.01	59.88 4.10 0.00	71.63 3.57 -20.07	56.93 2.51 -11.97	39.91 2.10 -1.64	40.76 2.15 -1.26	36.75 2.53 0.00	37.49 2.68 0.00
CANDIGU_WT_PWR 323617	40.09 -0.87 0.00	35.31 -1.83 0.00	10.60 -2.07 21.57	-25.00 -1.92 54.91	-1.38 -1.88 30.95	27.21 -1.53 0.01	28.15 -1.49 0.00	18.06 -1.27 7.58	-41.59 -1.65 70.05	-43.00 -1.78 73.78	-43.00 -2.49 74.63	-43.00 -3.26 74.78	-43.00 -3.03 74.02	-43.00 -2.85 74.44	-43.00 -2.69 75.86	-43.00 -2.84 78.65	-43.53 -2.58 81.89	-43.00 -3.57 95.21	-43.00 -3.15 87.85	-42.73 -2.51 82.68	-34.36 -1.66 68.88	33.97 -1.57 1.80	28.41 -1.49 4.33	2.76 -1.51 30.53
CARR STREET_E_SYR 24060	40.33 -0.63 0.00	36.60 -0.54 0.00	33.79 -0.44 0.00	31.47 -0.36 0.00	31.08 -0.37 0.00	28.39 -0.37 0.00	29.22 -0.42 0.00	26.59 -0.32 0.00	29.71 -0.40 0.00	32.04 -0.52 0.00	33.42 -0.70 0.00	34.21 -0.84 0.00	33.23 -0.82 0.00	33.52 -0.76 0.00	34.86 -0.70 0.00	37.74 -0.75 0.00	40.20 -0.74 0.00	54.31 -0.96 0.51	46.78 -0.83 0.38	41.66 -0.70 0.09	35.60 -0.58 0.00	36.71 -0.64 0.00	33.66 -0.57 0.00	34.24 -0.57 0.00
CARTHAGE___PAPER 23857	41.20 0.25 0.00	36.90 -0.24 0.00	34.24 0.01 0.00	32.33 0.50 0.00	32.00 0.56 0.00	29.35 0.59 0.00	30.20 0.57 0.00	27.47 0.56 0.00	30.62 0.51 0.00	32.86 0.31 0.00	33.63 -0.49 0.00	34.31 -0.73 0.00	33.11 -0.93 0.00	32.74 -1.55 0.00	34.04 -1.52 0.00	36.33 -2.16 0.00	38.69 -2.25 0.00	53.89 -1.88 0.00	47.94 -0.06 0.00	42.42 -0.03 0.00	35.77 -0.41 0.00	36.81 -0.53 0.00	33.54 -0.68 0.00	34.00 -0.81 0.00
CASSADAGA_WT_PWR 323784	38.38 -2.58 0.00	34.12 -3.02 0.00	26.96 -2.61 4.66	17.80 -2.15 11.87	22.97 -1.79 6.69	26.83 -1.93 0.00	27.55 -2.09 0.00	23.61 -1.66 1.64	12.97 -1.99 15.15	14.43 -2.18 15.95	15.28 -2.70 16.14	15.51 -3.37 16.17	14.48 -3.56 16.00	14.79 -3.40 16.09	15.98 -3.17 16.40	18.30 -3.19 17.01	20.17 -3.06 17.71	30.78 -3.49 21.51	25.56 -3.01 19.42	22.16 -2.32 17.97	19.79 -1.53 14.85	35.34 -1.62 0.39	31.57 -1.71 0.95	26.33 -1.66 6.81
CE_DUNWOOD___DRP 24194	42.96 2.01 0.00	38.77 1.64 0.00	35.75 1.52 0.00	33.40 1.57 0.00	32.86 1.42 0.00	30.05 1.30 0.00	31.06 1.42 0.00	28.51 1.60 0.00	31.77 1.66 0.00	34.42 1.86 0.00	36.47 2.35 0.00	37.66 2.62 0.00	36.80 2.75 0.00	37.21 2.92 0.00	38.54 2.99 0.00	41.76 3.27 0.00	44.47 3.53 0.00	60.44 4.67 0.00	72.09 3.79 -20.30	57.62 2.88 -12.29	38.75 2.16 -0.42	39.32 1.98 0.00	36.19 1.96 0.00	36.92 2.11 0.00
CE_MILLWOOD___DRP 24193	42.87 1.92 0.00	38.70 1.56 0.00	35.68 1.45 0.00	33.33 1.50 0.00	32.80 1.35 0.00	30.00 1.24 0.00	30.99 1.36 0.00	28.44 1.53 0.00	31.70 1.59 0.00	34.34 1.78 0.00	36.37 2.25 0.00	37.56 2.52 0.00	36.70 2.65 0.00	37.11 2.83 0.00	38.44 2.88 0.00	41.64 3.15 0.00	44.34 3.40 0.00	60.30 4.52 0.00	72.27 3.67 -20.60	57.97 2.79 -12.73	38.70 2.10 -0.43	39.25 1.90 0.00	36.12 1.89 0.00	36.84 2.03 0.00
CE_NYC2_DRP 24202	43.12 2.16 0.00	38.89 1.75 0.00	35.85 1.62 0.00	33.54 1.71 0.00	32.99 1.55 0.00	30.21 1.46 0.00	31.24 1.61 0.00	28.72 1.82 0.00	32.04 1.93 0.00	34.65 2.09 0.00	36.73 2.62 0.00	37.97 2.93 0.00	37.09 3.05 0.00	37.53 3.25 0.00	38.90 3.35 0.00	42.14 3.65 0.00	44.83 3.90 0.00	60.84 5.06 0.00	72.16 4.08 -20.08	57.49 3.05 -11.99	38.86 2.28 -0.41	39.45 2.10 0.00	36.33 2.11 0.00	37.13 2.32 0.00
CE_NYC_DRP 24195	43.14 2.18 0.00	38.90 1.76 0.00	35.86 1.64 0.00	33.53 1.71 0.00	32.99 1.55 0.00	30.19 1.44 0.00	31.21 1.57 0.00	28.69 1.78 0.00	32.01 1.90 0.00	34.66 2.10 0.00	36.73 2.61 0.00	37.95 2.91 0.00	37.10 3.05 0.00	37.52 3.24 0.00	38.89 3.34 0.00	42.14 3.65 0.00	44.85 3.92 0.00	60.93 5.16 0.00	72.26 4.18 -20.09	57.61 3.17 -11.99	38.93 2.35 -0.41	39.49 2.14 0.00	36.35 2.13 0.00	37.11 2.30 0.00
CHAFFEE___LFGE 323603	39.29 -1.67 0.00	35.15 -1.99 0.00	27.74 -1.81 4.69	18.32 -1.58 11.93	23.25 -1.47 6.73	27.20 -1.55 0.00	27.88 -1.76 0.00	23.85 -1.41 1.65	13.51 -1.37 15.23	14.91 -1.61 16.04	15.78 -2.12 16.22	16.36 -2.43 16.25	15.49 -2.47 16.09	15.85 -2.25 16.18	17.06 -2.01 16.49	19.19 -2.20 17.09	20.66 -2.48 17.80	31.02 -3.13 21.63	25.68 -2.76 19.56	22.02 -2.34 18.09	19.39 -1.83 14.95	35.01 -1.95 0.39	31.38 -1.90 0.96	26.20 -1.77 6.84
CHATEAUG_35_KV_LOAD 355732	40.73 -0.22 0.00	36.89 -0.25 0.00	33.77 -0.46 0.00	31.33 -0.50 0.00	30.94 -0.51 0.00	28.43 -0.32 0.00	29.43 -0.20 0.00	26.68 -0.23 0.00	29.92 -0.19 0.00	32.41 -0.15 0.00	33.93 -0.19 0.00	34.97 -0.07 0.00	33.88 -0.16 0.00	33.86 -0.42 0.00	34.89 -0.66 0.00	37.62 -0.87 0.00	39.96 -0.98 0.00	54.68 -1.10 0.00	47.06 -0.94 0.00	41.41 -1.04 0.00	35.56 -0.62 0.00	36.84 -0.51 0.00	33.37 -0.85 0.00	33.76 -1.05 0.00
CHATEAUG_WT_PWR 323614	40.73 -0.23 0.00	36.88 -0.26 0.00	33.79 -0.44 0.00	31.34 -0.49 0.00	30.99 -0.46 0.00	28.45 -0.30 0.00	29.42 -0.21 0.00	26.67 -0.24 0.00	29.91 -0.20 0.00	32.43 -0.13 0.00	33.93 -0.19 0.00	34.96 -0.08 0.00	33.88 -0.17 0.00	33.89 -0.39 0.00	34.94 -0.61 0.00	37.68 -0.81 0.00	40.03 -0.91 0.00	54.76 -1.01 0.00	47.13 -0.87 0.00	41.50 -0.95 0.00	35.57 -0.61 0.00	36.85 -0.50 0.00	33.38 -0.85 0.00	33.79 -1.02 0.00
CHAT_HIGH_FALL_HYD 323578	40.73 -0.22 0.00	36.89 -0.25 0.00	33.77 -0.46 0.00	31.33 -0.50 0.00	30.94 -0.51 0.00	28.43 -0.32 0.00	29.43 -0.20 0.00	26.68 -0.23 0.00	29.92 -0.19 0.00	32.41 -0.15 0.00	33.93 -0.19 0.00	34.97 -0.07 0.00	33.88 -0.16 0.00	33.86 -0.42 0.00	34.89 -0.66 0.00	37.62 -0.87 0.00	39.96 -0.98 0.00	54.68 -1.10 0.00	47.06 -0.94 0.00	41.41 -1.04 0.00	35.56 -0.62 0.00	36.84 -0.51 0.00	33.37 -0.85 0.00	33.76 -1.05 0.00
CHAUTAUQUA___LFGE 323629	38.91 -2.05 0.00	34.66 -2.48 0.00	27.17 -2.20 4.87	17.56 -1.88 12.38	22.85 -1.61 6.98	27.06 -1.69 0.00	27.77 -1.87 0.00	23.73 -1.47 1.71	12.59 -1.72 15.80	14.00 -1.92 16.64	14.80 -2.49 16.83	15.33 -2.85 16.86	14.40 -2.95 16.69	14.72 -2.78 16.79	15.89 -2.55 17.11	18.11 -2.64 17.74	19.74 -2.73 18.47	30.21 -3.16 22.41	24.80 -2.93 20.26	21.27 -2.44 18.74	18.92 -1.76 15.50	35.11 -1.83 0.40	31.42 -1.82 0.99	25.95 -1.78 7.08
CHERRYST_13_KV_LD 356241	43.26 2.30 0.00	39.01 1.87 0.00	35.96 1.73 0.00	33.61 1.78 0.00	33.07 1.62 0.00	30.26 1.51 0.00	31.30 1.66 0.00	28.77 1.86 0.00	32.10 1.99 0.00	34.76 2.20 0.00	36.86 2.74 0.00	38.07 3.03 0.00	37.22 3.18 0.00	37.65 3.37 0.00	39.02 3.47 0.00	42.29 3.81 0.00	45.00 4.06 0.00	61.13 5.36 0.00	72.43 4.35 -20.09	57.75 3.30 -11.99	39.04 2.46 -0.41	39.60 2.25 0.00	36.45 2.23 0.00	37.19 2.39 0.00

CHESTROR_138KV_BK263 355645	42.53 1.57 0.00	38.43 1.29 0.00	35.41 1.18 0.00	33.06 1.22 0.00	32.54 1.09 0.00	29.76 1.01 0.00	30.73 1.09 0.00	28.17 1.26 0.00	31.39 1.28 0.00	33.99 1.43 0.00	35.97 1.85 0.00	37.06 2.01 0.00	36.22 2.17 0.00	36.65 2.36 0.00	37.94 2.38 0.00	41.12 2.63 0.00	43.81 2.87 0.00	59.63 3.85 0.00	116.66 3.16 -65.50	112.97 2.42 -68.10	40.32 1.79 -2.36	38.96 1.61 0.00	35.83 1.60 0.00	36.52 1.72 0.00
CH_MIDHUDSON___DRP 24192	42.93 1.97 0.00	38.78 1.64 0.00	35.76 1.53 0.00	33.39 1.56 0.00	32.85 1.41 0.00	30.04 1.29 0.00	31.02 1.38 0.00	28.44 1.53 0.00	31.70 1.59 0.00	34.31 1.75 0.00	36.33 2.21 0.00	37.48 2.44 0.00	36.62 2.58 0.00	37.02 2.74 0.00	38.33 2.77 0.00	41.56 3.07 0.00	44.30 3.36 0.00	60.26 4.49 0.00	65.45 3.63 -13.82	51.28 2.80 -6.03	38.57 2.16 -0.23	39.34 1.99 0.00	36.19 1.97 0.00	36.88 2.07 0.00
CH_MISC_IPPS 23765	43.15 2.20 0.00	38.98 1.84 0.00	35.92 1.70 0.00	33.53 1.69 0.00	32.99 1.55 0.00	30.17 1.42 0.00	31.16 1.52 0.00	28.59 1.68 0.00	31.86 1.75 0.00	34.49 1.93 0.00	36.54 2.42 0.00	37.70 2.65 0.00	36.86 2.82 0.00	37.27 2.99 0.00	38.61 3.06 0.00	41.88 3.39 0.00	44.66 3.72 0.00	60.81 5.03 0.00	65.26 4.08 -13.18	50.74 3.15 -5.14	38.78 2.42 -0.19	39.59 2.24 0.00	36.39 2.16 0.00	37.08 2.27 0.00
CH_RES_BVR_FALLS 23983	40.82 -0.14 0.00	36.98 -0.16 0.00	34.06 -0.17 0.00	31.67 -0.16 0.00	31.30 -0.15 0.00	28.64 -0.11 0.00	29.54 -0.09 0.00	26.80 -0.11 0.00	29.99 -0.11 0.00	32.41 -0.15 0.00	33.92 -0.20 0.00	34.86 -0.19 0.00	33.84 -0.21 0.00	34.01 -0.27 0.00	35.25 -0.30 0.00	38.12 -0.37 0.00	40.53 -0.41 0.00	55.31 -0.46 0.00	47.65 -0.35 0.00	42.08 -0.37 0.00	35.87 -0.30 0.00	37.08 -0.27 0.00	33.92 -0.31 0.00	34.48 -0.33 0.00
CH_RES_NIAGARA 23895	38.00 -2.95 0.00	34.15 -2.99 0.00	27.75 -2.66 3.82	19.80 -2.32 9.72	23.74 -2.22 5.48	26.43 -2.32 0.00	27.00 -2.63 0.00	23.34 -2.23 1.34	15.57 -2.14 12.40	17.00 -2.50 13.06	17.89 -3.03 13.21	18.45 -3.36 13.23	17.40 -3.54 13.10	17.75 -3.36 13.17	18.98 -3.15 13.43	20.98 -3.59 13.92	22.23 -4.21 14.49	31.96 -5.89 17.92	26.64 -5.18 16.18	23.20 -4.43 14.83	20.50 -3.48 12.19	33.53 -3.50 0.32	30.22 -3.23 0.78	26.36 -2.87 5.57
CH_RES_SYRACUSE 23985	40.54 -0.42 0.00	36.80 -0.34 0.00	33.97 -0.26 0.00	31.63 -0.19 0.00	31.23 -0.21 0.00	28.51 -0.24 0.00	29.37 -0.27 0.00	26.72 -0.19 0.00	29.85 -0.26 0.00	32.19 -0.37 0.00	33.56 -0.56 0.00	34.32 -0.72 0.00	33.34 -0.71 0.00	33.66 -0.62 0.00	34.99 -0.56 0.00	37.87 -0.62 0.00	40.34 -0.60 0.00	55.08 -0.69 0.00	47.40 -0.60 0.00	41.99 -0.46 0.00	35.80 -0.37 0.00	36.90 -0.45 0.00	33.84 -0.39 0.00	34.41 -0.39 0.00
CLINTON_WT_PWR 323605	40.73 -0.23 0.00	36.88 -0.26 0.00	33.79 -0.44 0.00	31.34 -0.49 0.00	30.99 -0.46 0.00	28.45 -0.30 0.00	29.42 -0.21 0.00	26.67 -0.24 0.00	29.91 -0.20 0.00	32.43 -0.13 0.00	33.93 -0.19 0.00	34.96 -0.08 0.00	33.88 -0.17 0.00	33.89 -0.39 0.00	34.94 -0.61 0.00	37.68 -0.81 0.00	40.03 -0.91 0.00	54.76 -1.01 0.00	47.13 -0.87 0.00	41.50 -0.95 0.00	35.57 -0.61 0.00	36.85 -0.50 0.00	33.38 -0.85 0.00	33.79 -1.02 0.00
CLINTON___LFGE 323618	41.22 0.26 0.00	37.30 0.17 0.00	34.19 -0.04 0.00	31.74 -0.09 0.00	31.34 -0.10 0.00	28.77 0.02 0.00	29.74 0.11 0.00	27.01 0.10 0.00	30.29 0.18 0.00	32.87 0.31 0.00	34.37 0.25 0.00	35.37 0.32 0.00	34.31 0.27 0.00	34.30 0.01 0.00	35.35 -0.21 0.00	38.11 -0.38 0.00	40.45 -0.49 0.00	55.36 -0.42 0.00	47.56 -0.44 0.00	42.03 -0.42 0.00	36.07 -0.10 0.00	37.38 0.03 0.00	33.79 -0.44 0.00	34.18 -0.63 0.00
COBBLENY_34_KV_TB1 80064	39.29 -1.67 0.00	35.15 -1.99 0.00	27.72 -1.82 4.69	18.31 -1.59 11.93	23.25 -1.47 6.73	27.20 -1.55 0.00	27.88 -1.76 0.00	23.85 -1.41 1.65	13.50 -1.38 15.23	14.87 -1.65 16.04	15.75 -2.15 16.22	16.33 -2.46 16.25	15.43 -2.52 16.09	15.78 -2.32 16.18	16.99 -2.08 16.49	19.12 -2.28 17.09	20.59 -2.55 17.80	30.91 -3.23 21.63	25.53 -2.91 19.56	21.94 -2.43 18.09	19.36 -1.86 14.95	35.01 -1.94 0.39	31.37 -1.90 0.96	26.19 -1.77 6.84
COFFEEN___115KV_TB3 355620	41.32 0.37 0.00	36.98 -0.16 0.00	34.35 0.11 0.00	32.44 0.61 0.00	32.09 0.64 0.00	29.44 0.68 0.00	30.28 0.64 0.00	27.58 0.67 0.00	30.76 0.65 0.00	33.02 0.46 0.00	33.79 -0.33 0.00	34.39 -0.65 0.00	33.20 -0.84 0.00	32.71 -1.58 0.00	34.15 -1.41 0.00	36.23 -2.25 0.00	38.59 -2.35 0.00	53.65 -2.13 0.00	47.95 -0.05 0.00	42.61 0.16 0.00	35.98 -0.19 0.00	37.00 -0.35 0.00	33.71 -0.52 0.00	34.14 -0.66 0.00
COLDSPRG_115KV_BK1 355956	39.51 -1.45 0.00	35.25 -1.88 0.00	28.30 -1.58 4.35	19.50 -1.27 11.06	24.13 -1.08 6.24	27.55 -1.20 0.00	28.34 -1.30 0.00	24.46 -0.92 1.53	14.95 -1.04 14.11	16.48 -1.21 14.87	17.46 -1.62 15.04	18.01 -1.96 15.07	17.09 -2.04 14.91	17.40 -1.88 15.00	18.54 -1.73 15.29	20.91 -1.73 15.85	22.69 -1.75 16.50	33.80 -1.89 20.09	27.98 -1.90 18.11	24.19 -1.51 16.76	21.36 -0.97 13.85	35.88 -1.11 0.36	32.15 -1.19 0.89	27.33 -1.10 6.38
COLONIE_LFGE___ 323577	42.58 1.57 -0.05	38.62 1.48 0.00	35.69 1.46 0.00	33.32 1.49 0.00	32.83 1.39 0.00	29.93 1.18 0.00	30.73 1.10 0.00	27.99 1.09 0.00	31.15 1.05 0.00	33.65 1.09 0.00	35.38 1.26 0.00	36.31 1.27 0.00	35.36 1.32 0.00	35.57 1.29 0.00	36.83 1.28 0.00	40.04 1.55 0.00	42.63 1.70 0.00	57.74 1.96 0.00	50.98 1.74 -1.24	47.02 1.75 -2.81	37.83 1.55 -0.10	39.03 1.69 0.00	35.73 1.50 0.00	36.25 1.45 0.00
COOPERNY_115KV_TB1 80082	42.02 1.07 0.00	38.00 0.86 0.00	35.03 0.80 0.00	32.67 0.84 0.00	32.18 0.74 0.00	29.44 0.69 0.00	30.39 0.75 0.00	27.79 0.88 0.00	31.00 0.89 0.00	33.56 1.00 0.00	35.39 1.27 0.00	36.44 1.39 0.00	35.54 1.49 0.00	35.92 1.64 0.00	37.21 1.65 0.00	40.31 1.83 0.00	42.92 1.98 0.00	58.44 2.66 0.00	47.74 2.18 2.44	33.43 1.66 10.68	37.02 1.23 0.39	38.45 1.10 0.00	35.33 1.11 0.00	36.00 1.20 0.00
COPENHAGEN_WT_PWR 323753	40.77 -0.18 0.00	36.43 -0.71 0.00	33.93 -0.30 0.00	32.16 0.33 0.00	31.81 0.37 0.00	29.18 0.43 0.00	30.00 0.36 0.00	27.33 0.42 0.00	30.44 0.33 0.00	32.61 0.05 0.00	33.19 -0.93 0.00	33.76 -1.29 0.00	32.58 -1.47 0.00	32.22 -2.06 0.00	33.59 -1.97 0.00	35.70 -2.79 0.00	38.01 -2.93 0.00	52.73 -3.05 0.00	46.94 -1.06 0.00	41.68 -0.77 0.00	35.22 -0.96 0.00	36.22 -1.12 0.00	33.04 -1.19 0.00	33.51 -1.30 0.00
CORNELL_____ 23752	41.36 0.40 0.00	37.39 0.25 0.00	36.62 0.24 -2.16	37.59 0.28 -5.49	34.77 0.23 -3.09	28.93 0.17 0.00	29.81 0.18 0.00	27.90 0.24 -0.76	37.33 0.22 -7.00	40.19 0.26 -7.37	41.64 0.06 -7.46	42.05 -0.47 -7.47	41.02 -0.43 -7.40	41.35 -0.37 -7.44	42.87 -0.26 -7.58	45.97 -0.38 -7.86	49.06 -0.06 -8.18	65.12 0.17 -9.17	57.04 0.06 -8.99	50.98 0.29 -8.23	43.50 0.44 -6.89	37.91 0.38 -0.18	35.02 0.36 -0.43	38.22 0.34 -3.07

CORONA_69_KV_TB1 355595	43.46 2.50 0.00	39.10 1.96 0.00	36.06 1.83 0.00	33.67 1.85 0.00	33.13 1.68 0.00	30.20 1.44 0.00	31.26 1.62 0.00	28.73 1.82 0.00	31.94 1.83 0.00	34.65 2.09 0.00	36.86 2.74 0.00	41.29 3.19 -3.05	37.20 3.15 0.00	37.51 3.23 0.00	38.86 3.30 0.00	41.86 3.43 0.05	44.32 3.70 0.32	60.82 5.05 0.00	72.25 4.19 -20.07	57.43 3.01 -11.97	38.97 2.39 -0.40	39.54 2.19 0.00	36.51 2.28 0.00	37.30 2.49 0.00
CORTLAND_115KV_TB3 80093	41.09 0.14 0.00	37.19 0.06 0.00	35.05 0.08 -0.74	33.86 0.14 -1.89	32.62 0.11 -1.06	28.83 0.07 0.00	29.69 0.06 0.00	27.30 0.13 -0.26	32.61 0.08 -2.41	35.19 0.09 -2.54	36.63 -0.06 -2.57	37.27 -0.35 -2.58	36.27 -0.32 -2.55	36.55 -0.29 -2.56	37.94 -0.23 -2.61	40.92 -0.27 -2.71	43.65 -0.11 -2.82	58.84 0.07 -2.99	51.11 -0.05 -3.16	45.32 0.05 -2.82	38.70 0.15 -2.37	37.52 0.11 -0.06	34.52 0.14 -0.15	35.99 0.12 -1.07
COXSACKIE___GT 23611	43.08 2.17 0.05	39.30 2.17 0.00	36.43 2.20 0.00	33.98 2.15 0.00	33.49 2.04 0.00	30.56 1.81 0.00	31.45 1.81 0.00	28.60 1.69 0.00	31.81 1.70 0.00	34.10 1.54 0.00	35.93 1.81 0.00	37.07 2.03 0.00	36.26 2.22 0.00	36.13 1.85 0.00	37.52 1.96 0.00	40.95 2.46 0.00	43.83 2.90 0.00	60.28 4.50 0.00	52.91 3.50 -1.42	47.75 3.21 -2.08	39.15 2.86 -0.12	40.27 2.93 0.00	36.80 2.57 0.00	37.25 2.44 0.00
CPV_VALLEY___CC1 323721	42.18 1.22 0.00	38.14 1.00 0.00	35.16 0.94 0.00	32.82 0.99 0.00	32.31 0.87 0.00	29.56 0.80 0.00	30.51 0.88 0.00	27.96 1.05 0.00	31.16 1.05 0.00	33.75 1.19 0.00	35.66 1.55 0.00	36.76 1.72 0.00	35.90 1.85 0.00	36.29 2.00 0.00	37.58 2.03 0.00	40.73 2.24 0.00	43.36 2.42 0.00	59.01 3.23 0.00	48.73 2.61 1.88	31.69 1.97 12.74	37.15 1.46 0.48	38.64 1.29 0.00	35.53 1.30 0.00	36.22 1.41 0.00
CPV_VALLEY___CC2 323722	42.18 1.22 0.00	38.14 1.00 0.00	35.16 0.94 0.00	32.82 0.99 0.00	32.31 0.87 0.00	29.56 0.80 0.00	30.51 0.88 0.00	27.96 1.05 0.00	31.16 1.05 0.00	33.75 1.19 0.00	35.66 1.55 0.00	36.76 1.72 0.00	35.90 1.85 0.00	36.29 2.00 0.00	37.58 2.03 0.00	40.73 2.24 0.00	43.36 2.42 0.00	59.01 3.23 0.00	48.73 2.61 1.88	31.69 1.97 12.74	37.15 1.46 0.48	38.64 1.29 0.00	35.53 1.30 0.00	36.22 1.41 0.00
CRESCENT___HYD 24018	42.58 1.57 -0.05	38.62 1.48 0.00	35.69 1.46 0.00	33.32 1.49 0.00	32.83 1.39 0.00	29.93 1.18 0.00	30.73 1.10 0.00	27.99 1.09 0.00	31.15 1.05 0.00	33.65 1.09 0.00	35.38 1.26 0.00	36.31 1.27 0.00	35.36 1.32 0.00	35.57 1.29 0.00	36.83 1.28 0.00	40.04 1.55 0.00	42.63 1.70 0.00	57.74 1.96 0.00	50.98 1.74 -1.24	47.02 1.75 -2.81	37.83 1.55 -0.10	39.03 1.69 0.00	35.73 1.50 0.00	36.25 1.45 0.00
CRICKET___VALLEY_CC1 323756	42.46 1.50 0.00	38.39 1.25 0.00	35.46 1.23 0.00	33.12 1.29 0.00	32.54 1.09 0.00	29.78 1.02 0.00	30.74 1.10 0.00	28.20 1.29 0.00	31.38 1.28 0.00	33.93 1.38 0.00	36.01 1.90 0.00	37.18 2.14 0.00	36.30 2.26 0.00	36.66 2.37 0.00	37.93 2.38 0.00	41.08 2.59 0.00	43.75 2.81 0.00	59.47 3.69 0.00	69.10 2.93 -18.17	53.36 2.22 -8.68	38.22 1.75 -0.29	38.91 1.56 0.00	35.92 1.69 0.00	36.55 1.75 0.00
CRICKET___VALLEY_CC2 323757	42.46 1.50 0.00	38.39 1.25 0.00	35.46 1.23 0.00	33.12 1.29 0.00	32.54 1.09 0.00	29.78 1.02 0.00	30.74 1.10 0.00	28.20 1.29 0.00	31.38 1.28 0.00	33.93 1.38 0.00	36.01 1.90 0.00	37.18 2.14 0.00	36.30 2.26 0.00	36.66 2.37 0.00	37.93 2.38 0.00	41.08 2.59 0.00	43.75 2.81 0.00	59.47 3.69 0.00	69.10 2.93 -18.17	53.36 2.22 -8.68	38.22 1.75 -0.29	38.91 1.56 0.00	35.92 1.69 0.00	36.55 1.75 0.00
CRICKET___VALLEY_CC3 323758	42.46 1.50 0.00	38.39 1.25 0.00	35.46 1.23 0.00	33.12 1.29 0.00	32.54 1.09 0.00	29.78 1.02 0.00	30.74 1.10 0.00	28.20 1.29 0.00	31.38 1.28 0.00	33.93 1.38 0.00	36.01 1.90 0.00	37.18 2.14 0.00	36.30 2.26 0.00	36.66 2.37 0.00	37.93 2.38 0.00	41.08 2.59 0.00	43.75 2.81 0.00	59.47 3.69 0.00	69.10 2.93 -18.17	53.36 2.22 -8.68	38.22 1.75 -0.29	38.91 1.56 0.00	35.92 1.69 0.00	36.55 1.75 0.00
CRUCIBLE_METL_DRP 24180	40.54 -0.42 0.00	36.80 -0.34 0.00	33.97 -0.26 0.00	31.63 -0.20 0.00	31.23 -0.21 0.00	28.51 -0.24 0.00	29.37 -0.27 0.00	26.72 -0.19 0.00	29.85 -0.25 0.00	32.18 -0.38 0.00	33.57 -0.55 0.00	34.33 -0.71 0.00	33.34 -0.71 0.00	33.65 -0.63 0.00	34.99 -0.56 0.00	37.87 -0.62 0.00	40.33 -0.61 0.00	55.08 -0.70 0.00	47.38 -0.61 0.00	41.99 -0.47 0.00	35.80 -0.37 0.00	36.89 -0.45 0.00	33.84 -0.39 0.00	34.41 -0.39 0.00
DAHOWA___HYDRO 323763	43.55 2.56 -0.04	39.33 2.19 0.00	36.29 2.06 0.00	33.87 2.04 0.00	33.40 1.95 0.00	30.47 1.72 0.00	31.29 1.66 0.00	28.52 1.62 0.00	31.75 1.64 0.00	34.20 1.64 0.00	36.01 1.89 0.00	36.95 1.91 0.00	35.90 1.85 0.00	36.03 1.75 0.00	37.17 1.62 0.00	40.47 1.99 0.00	43.22 2.29 0.00	58.95 3.17 0.00	52.16 3.04 -1.12	48.10 2.98 -2.67	38.93 2.66 -0.10	40.15 2.80 0.00	36.68 2.46 0.00	37.17 2.37 0.00
DANC___LFGE 323619	40.49 -0.47 0.00	36.40 -0.74 0.00	33.79 -0.44 0.00	31.81 -0.02 0.00	31.45 0.00 0.00	28.80 0.05 0.00	29.63 -0.01 0.00	26.98 0.07 0.00	30.08 -0.02 0.00	32.30 -0.26 0.00	33.20 -0.92 0.00	33.87 -1.17 0.00	32.73 -1.32 0.00	32.60 -1.69 0.00	33.94 -1.61 0.00	36.28 -2.21 0.00	38.62 -2.32 0.00	53.45 -2.58 -0.25	47.04 -1.14 -0.18	41.62 -0.88 -0.04	35.25 -0.93 0.00	36.29 -1.06 0.00	33.19 -1.04 0.00	33.70 -1.10 0.00
DANSKAMMER___1 23586	43.15 2.20 0.00	38.98 1.84 0.00	35.92 1.70 0.00	33.53 1.69 0.00	32.99 1.55 0.00	30.17 1.42 0.00	31.16 1.52 0.00	28.59 1.68 0.00	31.86 1.75 0.00	34.49 1.93 0.00	36.54 2.42 0.00	37.70 2.65 0.00	36.86 2.82 0.00	37.27 2.99 0.00	38.61 3.06 0.00	41.88 3.39 0.00	44.66 3.72 0.00	60.81 5.03 0.00	65.26 4.08 -13.18	50.74 3.15 -5.14	38.78 2.42 -0.19	39.59 2.24 0.00	36.39 2.16 0.00	37.08 2.27 0.00
DANSKAMMER___2 23589	43.15 2.20 0.00	38.98 1.84 0.00	35.92 1.70 0.00	33.53 1.69 0.00	32.99 1.55 0.00	30.17 1.42 0.00	31.16 1.52 0.00	28.59 1.68 0.00	31.86 1.75 0.00	34.49 1.93 0.00	36.54 2.42 0.00	37.70 2.65 0.00	36.86 2.82 0.00	37.27 2.99 0.00	38.61 3.06 0.00	41.88 3.39 0.00	44.66 3.72 0.00	60.81 5.03 0.00	65.26 4.08 -13.18	50.74 3.15 -5.14	38.78 2.42 -0.19	39.59 2.24 0.00	36.39 2.16 0.00	37.08 2.27 0.00
DANSKAMMER___3 23590	43.15 2.20 0.00	38.98 1.84 0.00	35.92 1.70 0.00	33.53 1.69 0.00	32.99 1.55 0.00	30.17 1.42 0.00	31.16 1.52 0.00	28.59 1.68 0.00	31.86 1.75 0.00	34.49 1.93 0.00	36.54 2.42 0.00	37.70 2.65 0.00	36.86 2.82 0.00	37.27 2.99 0.00	38.61 3.06 0.00	41.88 3.39 0.00	44.66 3.72 0.00	60.81 5.03 0.00	65.26 4.08 -13.18	50.74 3.15 -5.14	38.78 2.42 -0.19	39.59 2.24 0.00	36.39 2.16 0.00	37.08 2.27 0.00

DANSKAMMER___4 23591	43.15 2.20 0.00	38.98 1.84 0.00	35.92 1.70 0.00	33.53 1.69 0.00	32.99 1.55 0.00	30.17 1.42 0.00	31.16 1.52 0.00	28.59 1.68 0.00	31.86 1.75 0.00	34.49 1.93 0.00	36.54 2.42 0.00	37.70 2.65 0.00	36.86 2.82 0.00	37.27 2.99 0.00	38.61 3.06 0.00	41.88 3.39 0.00	44.66 3.72 0.00	60.81 5.03 0.00	65.26 4.08 -13.18	50.74 3.15 -5.14	38.78 2.42 -0.19	39.59 2.24 0.00	36.39 2.16 0.00	37.08 2.27 0.00
DANSKAMMER___DIESEL 23592	43.16 2.20 0.00	38.98 1.84 0.00	35.92 1.70 0.00	33.53 1.70 0.00	32.99 1.55 0.00	30.17 1.42 0.00	31.16 1.52 0.00	28.59 1.68 0.00	31.86 1.75 0.00	34.49 1.93 0.00	36.55 2.43 0.00	37.70 2.66 0.00	36.86 2.82 0.00	37.28 3.00 0.00	38.61 3.06 0.00	41.88 3.39 0.00	44.67 3.73 0.00	60.81 5.03 0.00	65.27 4.09 -13.18	50.74 3.15 -5.14	38.79 2.43 -0.19	39.59 2.24 0.00	36.39 2.16 0.00	37.08 2.27 0.00
DARBY___SOLAR 323810	43.31 2.32 -0.04	39.15 2.01 0.00	36.13 1.91 0.00	33.73 1.90 0.00	33.25 1.80 0.00	30.34 1.58 0.00	31.15 1.52 0.00	28.39 1.48 0.00	31.60 1.49 0.00	34.05 1.49 0.00	35.83 1.71 0.00	36.78 1.74 0.00	35.73 1.69 0.00	35.86 1.57 0.00	37.08 1.52 0.00	40.32 1.83 0.00	43.06 2.13 0.00	58.62 2.84 0.00	51.84 2.71 -1.14	47.80 2.66 -2.68	38.65 2.38 -0.10	39.86 2.51 0.00	36.45 2.22 0.00	36.95 2.15 0.00
DASHVILLE___HYD 23610	42.95 2.01 0.01	38.71 1.58 0.00	35.65 1.42 0.00	33.28 1.45 0.00	32.75 1.30 0.00	29.95 1.20 0.00	30.94 1.31 0.00	28.40 1.49 0.00	31.68 1.57 0.00	34.31 1.76 0.00	36.35 2.23 0.00	37.47 2.43 0.00	36.70 2.66 0.00	37.15 2.86 0.00	38.41 2.86 0.00	41.67 3.18 0.00	44.41 3.48 0.00	60.59 4.81 0.00	59.88 3.88 -8.00	48.22 2.93 -2.84	38.54 2.22 -0.14	39.34 1.99 0.00	36.16 1.94 0.00	36.87 2.06 0.00
DELAWARE___LFGE 323621	41.70 0.74 0.00	37.75 0.61 0.00	34.82 0.59 0.00	32.47 0.64 0.00	32.02 0.58 0.00	29.26 0.50 0.00	30.18 0.54 0.00	27.54 0.63 0.00	30.76 0.65 0.00	33.28 0.72 0.00	34.96 0.84 0.00	35.90 0.85 0.00	34.88 0.84 0.00	35.17 0.89 0.00	36.48 0.92 0.00	39.52 1.03 0.00	42.00 1.06 0.00	57.26 1.48 0.00	50.06 1.26 -0.81	43.54 1.04 -0.04	37.02 0.85 0.00	38.14 0.79 0.00	35.01 0.78 0.00	35.64 0.83 0.00
DERFIELD_115KV_TB7 355931	41.08 0.13 0.00	37.26 0.12 0.00	34.37 0.14 0.00	32.02 0.19 0.00	31.60 0.16 0.00	28.90 0.14 0.00	29.76 0.12 0.00	27.05 0.14 0.00	30.22 0.11 0.00	32.65 0.09 0.00	34.25 0.13 0.00	35.16 0.12 0.00	34.15 0.11 0.00	34.38 0.10 0.00	35.63 0.08 0.00	38.58 0.09 0.00	41.02 0.09 0.00	55.92 0.14 0.00	48.12 0.13 0.00	42.54 0.08 0.00	36.25 0.07 0.00	37.43 0.08 0.00	34.36 0.13 0.00	34.94 0.14 0.00
DOGLEVILLE___HYD 23807	42.24 1.29 0.00	38.22 1.08 0.00	35.24 1.02 0.00	32.97 1.14 0.00	32.53 1.09 0.00	29.66 0.90 0.00	30.39 0.75 0.00	27.70 0.79 0.00	30.50 0.39 0.00	32.92 0.36 0.00	34.89 0.77 0.00	36.09 1.04 0.00	34.81 0.76 0.00	34.69 0.41 0.00	36.06 0.51 0.00	39.03 0.55 0.00	41.50 0.56 0.00	56.66 0.88 0.00	49.19 1.19 0.00	43.36 0.91 0.00	37.15 0.98 0.00	38.60 1.25 0.00	35.48 1.25 0.00	36.01 1.20 0.00
DUNKIRK___115KV_TB_200 55889	38.95 -2.01 0.00	34.71 -2.43 0.00	27.19 -2.16 4.88	17.54 -1.85 12.43	22.82 -1.62 7.01	27.08 -1.67 0.00	27.79 -1.85 0.00	23.74 -1.46 1.72	12.57 -1.68 15.86	13.96 -1.89 16.71	14.77 -2.44 16.90	15.31 -2.80 16.93	14.41 -2.88 16.76	14.73 -2.70 16.85	15.87 -2.50 17.18	18.09 -2.59 17.81	19.69 -2.70 18.54	30.14 -3.15 22.49	24.68 -2.98 20.34	21.15 -2.49 18.82	18.82 -1.80 15.56	35.08 -1.87 0.41	31.39 -1.85 0.99	25.90 -1.80 7.11
DUNKIRK___1 23563	38.95 -2.01 0.00	34.71 -2.43 0.00	27.19 -2.16 4.88	17.54 -1.85 12.43	22.82 -1.62 7.01	27.08 -1.67 0.00	27.79 -1.85 0.00	23.74 -1.46 1.72	12.57 -1.68 15.86	13.96 -1.89 16.71	14.77 -2.44 16.90	15.31 -2.80 16.93	14.41 -2.88 16.76	14.73 -2.70 16.85	15.87 -2.50 17.18	18.09 -2.59 17.81	19.69 -2.70 18.54	30.14 -3.15 22.49	24.68 -2.98 20.34	21.15 -2.49 18.82	18.82 -1.80 15.56	35.08 -1.87 0.41	31.39 -1.85 0.99	25.90 -1.80 7.11
DUNKIRK___2 23564	38.95 -2.01 0.00	34.71 -2.43 0.00	27.19 -2.16 4.88	17.54 -1.85 12.43	22.82 -1.62 7.01	27.08 -1.67 0.00	27.79 -1.85 0.00	23.74 -1.46 1.72	12.57 -1.68 15.86	13.96 -1.89 16.71	14.77 -2.44 16.90	15.31 -2.80 16.93	14.41 -2.88 16.76	14.73 -2.70 16.85	15.87 -2.50 17.18	18.09 -2.59 17.81	19.69 -2.70 18.54	30.14 -3.15 22.49	24.68 -2.98 20.34	21.15 -2.49 18.82	18.82 -1.80 15.56	35.08 -1.87 0.41	31.39 -1.85 0.99	25.90 -1.80 7.11
DUNKIRK___3 23565	38.97 -1.99 0.00	34.77 -2.37 0.00	27.14 -2.11 4.98	17.33 -1.82 12.68	22.67 -1.63 7.15	27.07 -1.68 0.00	27.76 -1.88 0.00	23.67 -1.49 1.75	12.30 -1.63 16.18	13.67 -1.85 17.04	14.50 -2.39 17.24	15.06 -2.72 17.27	14.18 -2.77 17.09	14.50 -2.59 17.19	15.63 -2.40 17.52	17.80 -2.53 18.16	19.31 -2.71 18.91	29.61 -3.25 22.92	24.20 -3.07 20.73	20.68 -2.60 19.18	18.38 -1.93 15.86	34.90 -2.04 0.42	31.24 -1.97 1.01	25.69 -1.88 7.24
DUNKIRK___4 23566	38.97 -1.99 0.00	34.77 -2.37 0.00	27.14 -2.11 4.98	17.33 -1.82 12.68	22.67 -1.63 7.15	27.07 -1.68 0.00	27.76 -1.88 0.00	23.67 -1.49 1.75	12.30 -1.63 16.18	13.67 -1.85 17.04	14.50 -2.39 17.24	15.06 -2.72 17.27	14.18 -2.77 17.09	14.50 -2.59 17.19	15.63 -2.40 17.52	17.80 -2.53 18.16	19.31 -2.71 18.91	29.61 -3.25 22.92	24.20 -3.07 20.73	20.68 -2.60 19.18	18.38 -1.93 15.86	34.90 -2.04 0.42	31.24 -1.97 1.01	25.69 -1.88 7.24
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.06 2.10 0.00	38.85 1.71 0.00	35.82 1.59 0.00	33.47 1.64 0.00	32.93 1.49 0.00	30.12 1.37 0.00	31.12 1.49 0.00	28.59 1.68 0.00	31.86 1.75 0.00	34.50 1.95 0.00	36.56 2.44 0.00	37.77 2.73 0.00	36.90 2.86 0.00	37.31 3.03 0.00	38.65 3.10 0.00	41.87 3.39 0.00	44.58 3.65 0.00	60.59 4.81 0.00	72.00 3.91 -20.09	57.42 2.97 -12.00	38.81 2.23 -0.41	39.40 2.05 0.00	36.26 2.03 0.00	37.01 2.20 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.84 1.88 0.00	38.69 1.55 0.00	35.65 1.42 0.00	33.27 1.44 0.00	32.74 1.30 0.00	29.94 1.19 0.00	30.93 1.30 0.00	28.37 1.46 0.00	31.62 1.51 0.00	34.23 1.67 0.00	36.24 2.12 0.00	37.35 2.31 0.00	36.52 2.47 0.00	36.96 2.68 0.00	38.26 2.71 0.00	41.49 3.00 0.00	44.23 3.29 0.00	60.24 4.46 0.00	61.42 3.65 -9.78	47.25 2.80 -2.00	38.37 2.11 -0.09	39.27 1.92 0.00	36.10 1.87 0.00	36.80 1.99 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	43.06 2.11 0.00	38.86 1.72 0.00	35.85 1.62 0.00	33.55 1.72 0.00	32.97 1.52 0.00	30.19 1.43 0.00	31.20 1.56 0.00	28.67 1.76 0.00	31.98 1.87 0.00	34.57 2.01 0.00	36.67 2.55 0.00	37.92 2.88 0.00	37.02 2.97 0.00	37.44 3.16 0.00	38.81 3.26 0.00	42.04 3.56 0.00	44.71 3.77 0.00	60.68 4.91 0.00	72.11 4.03 -20.08	57.47 3.03 -11.99	38.82 2.24 -0.41	39.39 2.04 0.00	36.29 2.06 0.00	37.07 2.27 0.00

E179THST_13_KV_LOAD 356214	43.30 2.34 0.00	39.05 1.92 0.00	36.03 1.80 0.00	33.72 1.89 0.00	33.13 1.68 0.00	30.33 1.58 0.00	31.34 1.70 0.00	28.81 1.91 0.00	32.15 2.04 0.00	34.75 2.20 0.00	36.87 2.75 0.00	38.13 3.09 0.00	37.22 3.18 0.00	37.65 3.36 0.00	39.04 3.48 0.00	42.28 3.79 0.00	44.98 4.04 0.00	61.05 5.27 0.00	72.41 4.33 -20.08	57.75 3.31 -11.99	39.04 2.46 -0.41	39.60 2.25 0.00	36.48 2.25 0.00	37.27 2.46 0.00
EAST HAMPTON___GT 23717	43.46 2.51 0.00	38.91 1.77 0.00	35.99 1.76 0.00	34.18 2.35 0.00	33.93 2.49 0.00	31.02 2.27 0.00	32.17 2.53 0.00	29.56 2.66 0.00	32.67 2.56 0.00	35.37 2.81 0.00	37.32 3.20 0.00	40.41 3.78 -1.59	37.13 3.08 0.00	37.22 2.93 0.00	38.40 2.85 0.00	40.63 2.76 0.62	38.81 2.88 5.01	60.11 4.33 0.00	71.86 3.79 -20.07	56.96 2.54 -11.97	39.78 1.98 -1.63	40.56 1.96 -1.25	36.50 2.27 0.00	37.55 2.74 0.00
EAST RIVER___6 23660	43.18 2.23 0.00	38.94 1.80 0.00	35.91 1.68 0.00	33.56 1.73 0.00	33.00 1.56 0.00	30.19 1.44 0.00	31.23 1.59 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.71 2.15 0.00	36.81 2.69 0.00	38.00 2.95 0.00	37.15 3.10 0.00	37.56 3.27 0.00	38.94 3.39 0.00	42.22 3.73 0.00	44.93 3.99 0.00	61.02 5.25 0.00	72.31 4.23 -20.09	57.68 3.23 -11.99	38.97 2.39 -0.41	39.53 2.18 0.00	36.38 2.16 0.00	37.12 2.32 0.00
EAST RIVER___7 23524	43.18 2.23 0.00	38.94 1.80 0.00	35.91 1.68 0.00	33.56 1.73 0.00	33.00 1.56 0.00	30.19 1.44 0.00	31.23 1.59 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.71 2.15 0.00	36.81 2.69 0.00	38.00 2.95 0.00	37.15 3.10 0.00	37.56 3.27 0.00	38.94 3.39 0.00	42.22 3.73 0.00	44.93 3.99 0.00	61.02 5.25 0.00	72.31 4.23 -20.09	57.68 3.23 -11.99	38.97 2.39 -0.41	39.53 2.18 0.00	36.38 2.16 0.00	37.12 2.32 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.96 2.01 0.00	38.77 1.64 0.00	35.75 1.52 0.00	33.40 1.57 0.00	32.86 1.42 0.00	30.05 1.30 0.00	31.06 1.42 0.00	28.51 1.60 0.00	31.77 1.66 0.00	34.42 1.86 0.00	36.47 2.35 0.00	37.66 2.62 0.00	36.80 2.75 0.00	37.21 2.92 0.00	38.54 2.99 0.00	41.76 3.27 0.00	44.47 3.53 0.00	60.44 4.67 0.00	72.09 3.79 -20.30	57.62 2.88 -12.29	38.75 2.16 -0.42	39.32 1.98 0.00	36.19 1.96 0.00	36.92 2.11 0.00
EAST_HAMPTON___DIESEL 23722	43.39 2.44 0.00	38.85 1.71 0.00	35.94 1.71 0.00	34.16 2.33 0.00	33.92 2.48 0.00	31.02 2.26 0.00	32.16 2.52 0.00	29.55 2.65 0.00	32.65 2.55 0.00	35.35 2.80 0.00	37.30 3.18 0.00	40.39 3.76 -1.59	37.09 3.04 0.00	37.17 2.89 0.00	38.35 2.80 0.00	40.57 2.69 0.62	38.74 2.81 5.01	60.03 4.25 0.00	71.79 3.72 -20.07	56.88 2.46 -11.97	39.71 1.91 -1.63	40.48 1.88 -1.25	36.44 2.21 0.00	37.49 2.69 0.00
EAST_POINT___SOLAR 323840	43.28 2.31 -0.02	39.05 1.91 0.00	35.87 1.64 0.00	33.42 1.59 0.00	33.02 1.58 0.00	30.21 1.45 0.00	31.05 1.41 0.00	28.07 1.16 0.00	30.88 0.77 0.00	33.39 0.83 0.00	34.82 0.70 0.00	36.17 1.13 0.00	34.49 0.44 0.00	34.21 -0.07 0.00	35.56 0.01 0.00	38.58 0.09 0.00	40.80 -0.14 0.00	56.52 0.74 0.00	49.21 2.00 0.79	45.53 1.86 -1.22	38.19 1.94 -0.07	39.40 2.06 0.00	36.09 1.87 0.00	36.62 1.82 0.00
EAST_PULASKI___ESR 323781	40.26 -0.70 0.00	36.42 -0.72 0.00	33.70 -0.53 0.00	31.51 -0.32 0.00	31.14 -0.30 0.00	28.47 -0.28 0.00	29.31 -0.33 0.00	26.67 -0.24 0.00	29.77 -0.34 0.00	32.03 -0.53 0.00	33.25 -0.87 0.00	34.01 -1.04 0.00	32.90 -1.14 0.00	33.01 -1.28 0.00	34.28 -1.28 0.00	36.83 -1.66 0.00	39.20 -1.74 0.00	54.23 -2.20 -0.65	47.21 -1.27 -0.48	41.55 -1.01 -0.11	35.27 -0.91 0.00	36.33 -1.02 0.00	33.34 -0.89 0.00	33.92 -0.89 0.00
EAST_RIVER___1 323558	43.14 2.18 0.00	38.90 1.76 0.00	35.86 1.64 0.00	33.53 1.70 0.00	32.99 1.55 0.00	30.19 1.44 0.00	31.21 1.57 0.00	28.69 1.78 0.00	32.01 1.90 0.00	34.65 2.10 0.00	36.74 2.62 0.00	37.95 2.91 0.00	37.09 3.04 0.00	37.50 3.22 0.00	38.89 3.33 0.00	42.14 3.65 0.00	44.84 3.91 0.00	60.93 5.15 0.00	72.24 4.16 -20.09	57.61 3.16 -11.99	38.92 2.34 -0.41	39.49 2.14 0.00	36.35 2.13 0.00	37.10 2.30 0.00
EAST_RIVER___2 323559	43.18 2.23 0.00	38.94 1.80 0.00	35.91 1.68 0.00	33.56 1.73 0.00	33.00 1.56 0.00	30.19 1.44 0.00	31.23 1.59 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.71 2.15 0.00	36.81 2.69 0.00	38.00 2.95 0.00	37.15 3.10 0.00	37.56 3.27 0.00	38.94 3.39 0.00	42.22 3.73 0.00	44.93 3.99 0.00	61.02 5.25 0.00	72.31 4.23 -20.09	57.68 3.23 -11.99	38.97 2.39 -0.41	39.53 2.18 0.00	36.38 2.16 0.00	37.12 2.32 0.00
EAST___DELAWARE_HYD 23607	41.96 1.01 0.00	37.86 0.72 0.00	34.84 0.61 0.00	32.50 0.67 0.00	31.98 0.54 0.00	29.26 0.50 0.00	30.23 0.59 0.00	27.73 0.82 0.00	30.91 0.80 0.00	33.44 0.89 0.00	35.40 1.28 0.00	36.44 1.40 0.00	35.64 1.59 0.00	36.08 1.80 0.00	37.33 1.77 0.00	40.50 2.01 0.00	43.27 2.33 0.00	59.07 3.29 0.00	55.48 2.54 -4.94	43.16 1.88 1.17	37.49 1.31 0.00	38.49 1.15 0.00	35.36 1.13 0.00	35.98 1.18 0.00
EIGHT_POINT___WT_PWR 323820	40.01 -0.95 0.00	34.95 -2.19 0.00	50.10 -2.53 -18.40	76.31 -2.36 -46.84	55.60 -2.25 -26.40	26.97 -1.79 -0.01	27.82 -1.82 0.00	31.82 -1.55 -6.46	87.76 -2.11 -59.76	93.29 -2.22 -62.95	94.62 -3.17 -63.67	94.57 -4.27 -63.79	92.98 -4.21 -63.14	93.85 -3.94 -63.50	96.70 -3.57 -64.72	101.77 -3.81 -67.09	107.20 -3.60 -69.86	130.46 -5.22 -79.90	118.31 -4.37 -74.68	109.57 -3.26 -70.37	92.96 -2.00 -58.78	37.17 -1.72 -1.54	36.30 -1.62 -3.69	59.10 -1.61 -25.91
ELBRIDGE_115KV_TB2 80188	40.33 -0.63 0.00	36.63 -0.50 0.00	33.82 -0.41 0.00	31.50 -0.33 0.00	31.07 -0.37 0.00	28.37 -0.38 0.00	29.22 -0.42 0.00	26.59 -0.32 0.00	29.70 -0.41 0.00	32.01 -0.55 0.00	33.37 -0.75 0.00	34.11 -0.93 0.00	33.16 -0.89 0.00	33.47 -0.81 0.00	34.80 -0.75 0.00	37.61 -0.88 0.00	40.07 -0.86 0.00	54.73 -1.05 0.00	47.12 -0.87 0.00	41.75 -0.70 0.00	35.64 -0.53 0.00	36.72 -0.63 0.00	33.70 -0.52 0.00	34.28 -0.52 0.00
ELEC_TRO_TEK 24086	43.28 2.33 0.00	38.93 1.79 0.00	35.91 1.68 0.00	33.53 1.70 0.00	32.98 1.54 0.00	30.07 1.32 0.00	31.13 1.49 0.00	28.61 1.70 0.00	31.79 1.67 0.00	34.48 1.93 0.00	36.69 2.57 0.00	40.63 2.98 -2.61	36.98 2.93 0.00	37.24 2.96 0.00	38.58 3.02 0.00	41.44 3.09 0.14	43.23 3.34 1.05	60.33 4.55 0.00	71.82 3.76 -20.07	57.07 2.65 -11.97	38.66 2.08 -0.40	39.24 1.89 0.00	36.29 2.06 0.00	37.08 2.27 0.00
ELLENBURG_WT_PWR 323604	40.73 -0.23 0.00	36.88 -0.26 0.00	33.79 -0.44 0.00	31.34 -0.49 0.00	30.99 -0.46 0.00	28.45 -0.30 0.00	29.42 -0.21 0.00	26.67 -0.24 0.00	29.91 -0.20 0.00	32.43 -0.13 0.00	33.93 -0.19 0.00	34.96 -0.08 0.00	33.88 -0.17 0.00	33.89 -0.39 0.00	34.94 -0.61 0.00	37.68 -0.81 0.00	40.03 -0.91 0.00	54.76 -1.01 0.00	47.13 -0.87 0.00	41.50 -0.95 0.00	35.57 -0.61 0.00	36.85 -0.50 0.00	33.38 -0.85 0.00	33.79 -1.02 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.88 -2.08 0.00	34.81 -2.32 0.00	27.12 -2.11 5.00	17.25 -1.84 12.74	22.54 -1.72 7.18	26.96 -1.79 0.00	27.61 -2.03 0.00	23.48 -1.67 1.76	12.19 -1.66 16.25	13.48 -1.96 17.12	14.32 -2.48 17.32	14.88 -2.81 17.35	13.98 -2.89 17.18	14.31 -2.70 17.27	15.47 -2.48 17.61	17.51 -2.73 18.25	18.86 -3.08 19.00	28.71 -4.00 23.07	23.53 -3.56 20.91	20.14 -2.99 19.33	17.89 -2.32 15.97	34.54 -2.39 0.42	30.92 -2.29 1.02	25.43 -2.12 7.26
EMPIRE_CC_1 323656	42.24 1.23 -0.05	38.39 1.25 0.00	35.52 1.29 0.00	33.18 1.35 0.00	32.69 1.25 0.00	29.80 1.04 0.00	30.58 0.94 0.00	27.75 0.84 0.00	30.84 0.73 0.00	33.34 0.77 0.00	35.04 0.92 0.00	35.95 0.91 0.00	35.02 0.97 0.00	35.27 0.98 0.00	36.52 0.97 0.00	39.86 1.37 0.00	42.42 1.48 0.00	57.32 1.54 0.00	51.19 1.31 -1.88	47.43 1.41 -3.57	37.57 1.26 -0.13	38.74 1.39 0.00	35.46 1.23 0.00	35.99 1.18 0.00
EMPIRE_CC_2 323658	42.24 1.23 -0.05	38.39 1.25 0.00	35.52 1.29 0.00	33.18 1.35 0.00	32.69 1.25 0.00	29.80 1.04 0.00	30.58 0.94 0.00	27.75 0.84 0.00	30.84 0.73 0.00	33.34 0.77 0.00	35.04 0.92 0.00	35.95 0.91 0.00	35.02 0.97 0.00	35.27 0.98 0.00	36.52 0.97 0.00	39.86 1.37 0.00	42.42 1.48 0.00	57.32 1.54 0.00	51.19 1.31 -1.88	47.43 1.41 -3.57	37.57 1.26 -0.13	38.74 1.39 0.00	35.46 1.23 0.00	35.99 1.18 0.00
ENORWICH_115KV_TB1 80156	42.90 1.94 0.00	38.84 1.71 0.00	36.94 1.65 -1.07	36.12 1.57 -2.72	34.42 1.44 -1.53	29.80 1.04 0.00	30.88 1.24 0.00	28.45 1.16 -0.37	34.84 1.26 -3.47	37.70 1.49 -3.65	39.27 1.46 -3.69	39.39 0.64 -3.70	37.77 0.06 -3.66	38.16 0.19 -3.68	39.35 0.04 -3.75	42.26 -0.12 -3.89	45.17 0.18 -4.05	61.52 1.30 -4.44	53.91 1.17 -4.75	47.87 1.34 -4.08	41.29 1.70 -3.41	39.01 1.57 -0.09	35.84 1.39 -0.22	37.91 1.51 -1.60
ERIE_ST__34_KV_TB1-2 80199	39.36 -1.60 0.00	35.23 -1.91 0.00	27.96 -1.68 4.59	18.69 -1.44 11.70	23.48 -1.37 6.59	27.26 -1.49 0.00	27.94 -1.70 0.00	23.97 -1.33 1.61	13.95 -1.24 14.92	15.40 -1.45 15.72	16.28 -1.94 15.90	16.93 -2.19 15.93	16.04 -2.24 15.77	16.37 -2.05 15.85	17.57 -1.82 16.16	19.75 -1.99 16.75	21.25 -2.25 17.44	31.76 -2.78 21.24	26.23 -3.13 19.20	22.54 -2.64 17.74	19.84 -2.05 14.65	35.09 -2.14 0.38	31.48 -2.06 0.93	26.48 -1.63 6.70
ERIE_WT_PWR 323693	39.13 -1.83 0.00	35.00 -2.14 0.00	27.32 -1.95 4.96	17.49 -1.71 12.63	22.75 -1.57 7.12	27.10 -1.65 0.00	27.76 -1.88 0.00	23.61 -1.55 1.74	12.45 -1.54 16.11	13.79 -1.79 16.97	14.62 -2.33 17.17	15.15 -2.69 17.20	14.31 -2.71 17.03	14.65 -2.51 17.12	15.83 -2.27 17.45	17.90 -2.50 18.09	19.32 -2.78 18.84	29.34 -3.57 22.86	24.16 -3.13 20.70	20.67 -2.64 19.14	18.29 -2.05 15.83	34.79 -2.14 0.41	31.16 -2.06 1.01	25.70 -1.90 7.20
ESPRGFLD_115KV_TB1 80157	42.08 1.11 -0.01	37.96 0.82 0.00	34.87 0.64 0.00	32.48 0.65 0.00	32.10 0.65 0.00	29.36 0.61 0.00	30.34 0.70 0.00	27.58 0.67 0.00	30.88 0.77 0.00	33.41 0.85 0.00	34.90 0.78 0.00	35.74 0.70 0.00	34.56 0.51 0.00	34.73 0.44 0.00	36.03 0.48 0.00	38.89 0.41 0.00	41.21 0.27 0.00	56.65 0.87 0.00	48.67 0.92 0.25	43.30 0.86 0.01	36.97 0.80 0.00	38.06 0.71 0.00	34.94 0.71 0.00	35.59 0.79 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.29 0.33 0.00	37.34 0.20 0.00	36.23 0.21 -1.80	36.65 0.24 -4.58	34.23 0.20 -2.58	28.90 0.14 0.00	29.78 0.15 0.00	27.75 0.21 -0.63	36.14 0.19 -5.84	38.92 0.21 -6.15	40.35 0.01 -6.22	40.84 -0.44 -6.23	39.80 -0.42 -6.17	40.12 -0.37 -6.21	41.62 -0.26 -6.32	44.66 -0.38 -6.56	47.66 -0.11 -6.83	63.53 0.12 -7.63	55.57 0.03 -7.54	49.54 0.22 -6.87	42.29 0.37 -5.75	37.80 0.30 -0.15	34.89 0.30 -0.36	37.66 0.29 -2.57
ETNA____115KV_TB2 80207	41.29 0.33 0.00	37.34 0.20 0.00	36.23 0.21 -1.80	36.65 0.24 -4.58	34.23 0.20 -2.58	28.90 0.14 0.00	29.78 0.15 0.00	27.75 0.21 -0.63	36.14 0.19 -5.84	38.92 0.21 -6.15	40.35 0.01 -6.22	40.84 -0.44 -6.23	39.80 -0.42 -6.17	40.12 -0.37 -6.21	41.62 -0.26 -6.32	44.66 -0.38 -6.56	47.66 -0.11 -6.83	63.53 0.12 -7.63	55.57 0.03 -7.54	49.54 0.22 -6.87	42.29 0.37 -5.75	37.80 0.30 -0.15	34.89 0.30 -0.36	37.66 0.29 -2.57
EUCLID___115KV_TB2 356179	40.13 -0.83 0.00	36.43 -0.71 0.00	33.65 -0.58 0.00	31.32 -0.51 0.00	30.94 -0.50 0.00	28.26 -0.50 0.00	29.10 -0.54 0.00	26.47 -0.44 0.00	29.57 -0.54 0.00	31.88 -0.68 0.00	33.26 -0.87 0.00	34.06 -0.98 0.00	33.07 -0.98 0.00	33.35 -0.93 0.00	34.67 -0.88 0.00	37.53 -0.96 0.00	39.95 -0.99 0.00	53.83 -1.30 0.65	46.39 -1.12 0.48	41.39 -0.95 0.11	35.39 -0.79 0.00	36.51 -0.84 0.00	33.49 -0.74 0.00	34.06 -0.74 0.00
E_CANADA_CAP_HY 24051	42.51 1.54 -0.02	38.36 1.22 0.00	35.23 1.00 0.00	32.82 0.98 0.00	32.45 1.00 0.00	29.70 0.95 0.00	30.63 0.99 0.00	27.76 0.85 0.00	30.96 0.85 0.00	33.42 0.86 0.00	34.90 0.78 0.00	35.90 0.85 0.00	34.62 0.57 0.00	34.60 0.31 0.00	35.87 0.32 0.00	38.72 0.23 0.00	40.96 0.03 0.00	56.37 0.59 0.00	48.33 0.98 0.65	43.38 0.96 0.03	37.13 0.95 0.00	38.31 0.96 0.00	35.19 0.97 0.00	35.83 1.03 0.00
E_CANADA_MHWK_HY 24050	42.24 1.29 0.00	38.21 1.08 0.00	35.25 1.02 0.00	32.97 1.14 0.00	32.53 1.09 0.00	29.66 0.90 0.00	30.39 0.75 0.00	27.70 0.79 0.00	30.50 0.39 0.00	32.92 0.36 0.00	34.89 0.77 0.00	36.09 1.04 0.00	34.81 0.76 0.00	34.69 0.41 0.00	36.06 0.51 0.00	39.03 0.55 0.00	41.50 0.56 0.00	56.65 0.88 0.00	49.19 1.19 0.00	43.36 0.91 0.00	37.15 0.97 0.00	38.60 1.25 0.00	35.48 1.26 0.00	36.01 1.20 0.00
E_FISHKILL___LBMP 23776	42.68 1.73 0.00	38.57 1.43 0.00	35.58 1.35 0.00	33.23 1.41 0.00	32.70 1.25 0.00	29.91 1.15 0.00	30.88 1.24 0.00	28.32 1.41 0.00	31.56 1.45 0.00	34.16 1.60 0.00	36.17 2.05 0.00	37.33 2.29 0.00	36.45 2.41 0.00	36.84 2.55 0.00	38.15 2.59 0.00	41.33 2.84 0.00	44.00 3.06 0.00	59.79 4.02 0.00	69.36 3.26 -18.10	54.14 2.47 -9.22	38.38 1.89 -0.31	39.07 1.72 0.00	35.97 1.74 0.00	36.67 1.87 0.00
FALCON___SEABRD_CC1 323796	41.17 0.21 0.00	37.26 0.12 0.00	34.17 -0.06 0.00	31.72 -0.11 0.00	31.32 -0.13 0.00	28.75 -0.01 0.00	29.70 0.06 0.00	26.98 0.07 0.00	30.24 0.14 0.00	32.84 0.28 0.00	34.36 0.24 0.00	35.32 0.28 0.00	34.28 0.23 0.00	34.28 -0.01 0.00	35.31 -0.24 0.00	38.09 -0.39 0.00	40.45 -0.48 0.00	55.39 -0.39 0.00	47.59 -0.41 0.00	41.96 -0.49 0.00	35.99 -0.18 0.00	37.32 -0.03 0.00	33.72 -0.51 0.00	34.12 -0.69 0.00
FALCON___SEABRD_CC2 323797	41.17 0.21 0.00	37.26 0.12 0.00	34.17 -0.06 0.00	31.72 -0.11 0.00	31.32 -0.13 0.00	28.75 -0.01 0.00	29.70 0.06 0.00	26.98 0.07 0.00	30.24 0.14 0.00	32.84 0.28 0.00	34.36 0.24 0.00	35.32 0.28 0.00	34.28 0.23 0.00	34.28 -0.01 0.00	35.31 -0.24 0.00	38.09 -0.39 0.00	40.45 -0.48 0.00	55.39 -0.39 0.00	47.59 -0.41 0.00	41.96 -0.49 0.00	35.99 -0.18 0.00	37.32 -0.03 0.00	33.72 -0.51 0.00	34.12 -0.69 0.00

FAR ROCKAWAY___4 23548	43.82 2.86 0.00	39.40 2.26 0.00	36.33 2.10 0.00	33.92 2.09 0.00	33.37 1.92 0.00	30.42 1.66 0.00	31.48 1.85 0.00	28.96 2.05 0.00	32.20 2.09 0.00	34.94 2.38 0.00	37.18 3.06 0.00	41.30 3.57 -2.69	37.53 3.48 0.00	37.86 3.57 0.00	39.21 3.65 0.00	42.24 3.80 0.06	44.70 4.11 0.34	61.46 5.68 0.00	72.78 4.72 -20.07	57.85 3.43 -11.97	39.35 2.78 -0.40	39.90 2.55 0.00	36.85 2.62 0.00	37.62 2.82 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.17 2.21 0.00	38.94 1.80 0.00	35.88 1.65 0.00	33.54 1.72 0.00	33.01 1.56 0.00	30.21 1.45 0.00	31.23 1.60 0.00	28.71 1.80 0.00	32.03 1.92 0.00	34.68 2.13 0.00	36.76 2.64 0.00	37.98 2.94 0.00	37.12 3.08 0.00	37.55 3.26 0.00	38.91 3.36 0.00	42.18 3.69 0.00	44.88 3.94 0.00	60.96 5.19 0.00	72.29 4.21 -20.09	57.63 3.19 -11.99	38.95 2.37 -0.41	39.52 2.17 0.00	36.37 2.15 0.00	37.12 2.32 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.17 2.21 0.00	38.94 1.80 0.00	35.88 1.65 0.00	33.54 1.72 0.00	33.01 1.56 0.00	30.21 1.45 0.00	31.23 1.59 0.00	28.71 1.80 0.00	32.02 1.91 0.00	34.68 2.12 0.00	36.75 2.63 0.00	37.97 2.93 0.00	37.11 3.07 0.00	37.55 3.26 0.00	38.91 3.35 0.00	42.17 3.68 0.00	44.87 3.94 0.00	60.96 5.19 0.00	72.29 4.21 -20.09	57.63 3.19 -11.99	38.95 2.37 -0.41	39.52 2.17 0.00	36.38 2.16 0.00	37.12 2.32 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.13 2.17 0.00	38.90 1.76 0.00	35.85 1.62 0.00	33.52 1.70 0.00	32.99 1.55 0.00	30.19 1.43 0.00	31.21 1.57 0.00	28.69 1.77 0.00	32.00 1.89 0.00	34.65 2.09 0.00	36.72 2.60 0.00	37.95 2.90 0.00	37.09 3.04 0.00	37.51 3.23 0.00	38.87 3.32 0.00	42.13 3.65 0.00	44.83 3.90 0.00	60.90 5.13 0.00	72.24 4.16 -20.09	57.59 3.14 -11.99	38.92 2.34 -0.41	39.48 2.13 0.00	36.35 2.12 0.00	37.10 2.29 0.00
FARRAGUT___LBMP 323566	43.10 2.14 0.00	38.86 1.73 0.00	35.83 1.60 0.00	33.50 1.67 0.00	32.97 1.52 0.00	30.16 1.41 0.00	31.19 1.55 0.00	28.67 1.76 0.00	31.98 1.87 0.00	34.62 2.07 0.00	36.70 2.58 0.00	37.91 2.87 0.00	37.06 3.01 0.00	37.48 3.20 0.00	38.84 3.28 0.00	42.10 3.61 0.00	44.79 3.86 0.00	60.85 5.07 0.00	72.20 4.11 -20.09	57.55 3.11 -11.99	38.89 2.31 -0.41	39.45 2.11 0.00	36.32 2.09 0.00	37.07 2.27 0.00
FARRCKWY_69_KV_BK2 55825	43.82 2.86 0.00	39.40 2.26 0.00	36.33 2.10 0.00	33.92 2.09 0.00	33.37 1.92 0.00	30.42 1.66 0.00	31.48 1.85 0.00	28.96 2.05 0.00	32.20 2.09 0.00	34.94 2.38 0.00	37.18 3.06 0.00	41.30 3.57 -2.69	37.53 3.48 0.00	37.86 3.57 0.00	39.21 3.65 0.00	42.24 3.80 0.06	44.70 4.11 0.34	61.46 5.68 0.00	72.78 4.72 -20.07	57.85 3.43 -11.97	39.35 2.78 -0.40	39.90 2.55 0.00	36.85 2.62 0.00	37.62 2.82 0.00
FENNER___WINDPWR 24204	41.53 0.58 0.00	37.60 0.46 0.00	34.68 0.46 0.00	32.32 0.49 0.00	31.89 0.45 0.00	29.15 0.40 0.00	30.01 0.38 0.00	27.30 0.39 0.00	30.50 0.39 0.00	32.98 0.43 0.00	34.31 0.19 0.00	35.04 -0.01 0.00	33.99 -0.06 0.00	34.12 -0.17 0.00	35.44 -0.11 0.00	38.36 -0.13 0.00	40.88 -0.05 0.00	55.79 0.27 0.26	48.09 0.29 0.19	42.76 0.35 0.04	36.53 0.35 0.00	37.71 0.36 0.00	34.57 0.34 0.00	35.07 0.27 0.00
FIBERTEK___ENERGY 23856	40.54 -0.42 0.00	36.80 -0.34 0.00	33.97 -0.26 0.00	31.63 -0.20 0.00	31.23 -0.21 0.00	28.51 -0.24 0.00	29.37 -0.27 0.00	26.72 -0.19 0.00	29.85 -0.25 0.00	32.18 -0.38 0.00	33.57 -0.55 0.00	34.33 -0.71 0.00	33.34 -0.71 0.00	33.65 -0.63 0.00	34.99 -0.56 0.00	37.87 -0.62 0.00	40.33 -0.61 0.00	55.08 -0.70 0.00	47.38 -0.61 0.00	41.99 -0.47 0.00	35.80 -0.37 0.00	36.89 -0.45 0.00	33.84 -0.39 0.00	34.41 -0.39 0.00
FITZPATRICK___ 23598	39.58 -1.38 0.00	36.01 -1.13 0.00	33.26 -0.96 0.00	30.97 -0.86 0.00	30.59 -0.86 0.00	27.95 -0.80 0.00	28.78 -0.85 0.00	26.16 -0.75 0.00	29.20 -0.91 0.00	31.47 -1.09 0.00	32.85 -1.27 0.00	33.67 -1.37 0.00	32.68 -1.37 0.00	32.94 -1.35 0.00	34.21 -1.35 0.00	36.99 -1.50 0.00	39.34 -1.59 0.00	53.63 -2.15 0.00	46.18 -1.81 0.00	40.87 -1.58 0.00	34.88 -1.30 0.00	35.99 -1.36 0.00	33.03 -1.20 0.00	33.62 -1.18 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.25 2.29 0.00	39.06 1.92 0.00	36.00 1.77 0.00	33.61 1.78 0.00	33.06 1.62 0.00	30.23 1.48 0.00	31.23 1.59 0.00	28.64 1.74 0.00	31.93 1.82 0.00	34.58 2.02 0.00	36.63 2.51 0.00	37.81 2.77 0.00	36.96 2.92 0.00	37.40 3.11 0.00	38.72 3.17 0.00	42.01 3.52 0.00	44.81 3.87 0.00	61.00 5.22 0.00	66.27 4.25 -14.02	51.62 3.28 -5.89	38.92 2.53 -0.21	39.69 2.34 0.00	36.49 2.26 0.00	37.16 2.36 0.00
FORT ORANGE___ 23900	41.66 0.79 0.09	38.08 0.94 0.00	35.34 1.11 0.00	32.99 1.16 0.00	32.50 1.06 0.00	29.66 0.90 0.00	30.49 0.85 0.00	27.71 0.80 0.00	30.74 0.63 0.00	33.18 0.62 0.00	34.93 0.81 0.00	35.91 0.87 0.00	35.03 0.98 0.00	35.19 0.90 0.00	36.49 0.93 0.00	39.65 1.16 0.00	42.29 1.36 0.00	57.37 1.59 0.00	50.75 1.34 -1.42	46.67 1.32 -2.90	37.47 1.19 -0.11	38.54 1.19 0.00	35.31 1.08 0.00	35.85 1.04 0.00
FORT_DRUM_COGEN 23780	41.16 0.21 0.00	36.84 -0.30 0.00	34.22 0.00 0.00	32.35 0.52 0.00	32.01 0.56 0.00	29.35 0.60 0.00	30.20 0.56 0.00	27.50 0.59 0.00	30.65 0.54 0.00	32.88 0.32 0.00	33.61 -0.51 0.00	34.22 -0.82 0.00	33.03 -1.01 0.00	32.62 -1.66 0.00	34.00 -1.55 0.00	36.14 -2.34 0.00	38.49 -2.45 0.00	53.50 -2.28 0.00	47.72 -0.28 0.00	42.36 -0.09 0.00	35.76 -0.42 0.00	36.78 -0.57 0.00	33.52 -0.71 0.00	33.97 -0.83 0.00
FOX_HILLS___ESR 323835	43.16 2.20 0.00	38.92 1.79 0.00	35.87 1.64 0.00	33.55 1.72 0.00	33.00 1.55 0.00	30.21 1.46 0.00	31.22 1.59 0.00	28.68 1.77 0.00	31.98 1.88 0.00	34.61 2.05 0.00	36.69 2.57 0.00	38.04 3.00 0.00	37.18 3.13 0.00	37.65 3.37 0.00	39.03 3.47 0.00	42.29 3.80 -0.01	44.94 4.00 0.00	60.94 5.16 0.00	72.32 4.24 -20.09	57.67 3.23 -11.99	39.03 2.45 -0.41	39.50 2.15 0.00	36.35 2.12 0.00	37.16 2.35 0.00
FPL_FAR_ROCK_GT1 24212	43.82 2.86 0.00	39.40 2.26 0.00	36.32 2.09 0.00	33.92 2.09 0.00	33.36 1.92 0.00	30.42 1.66 0.00	31.48 1.85 0.00	28.96 2.05 0.00	32.20 2.09 0.00	34.93 2.37 0.00	37.17 3.06 0.00	41.29 3.57 -2.69	37.52 3.48 0.00	37.84 3.55 0.00	39.20 3.64 0.00	42.24 3.80 0.06	44.69 4.09 0.34	61.44 5.67 0.00	72.76 4.70 -20.07	57.84 3.42 -11.97	39.35 2.77 -0.40	39.90 2.56 0.00	36.85 2.62 0.00	37.62 2.81 0.00
FPL_FAR_ROCK_GT2 23815	43.82 2.86 0.00	39.40 2.26 0.00	36.32 2.09 0.00	33.92 2.09 0.00	33.36 1.92 0.00	30.42 1.66 0.00	31.48 1.85 0.00	28.96 2.05 0.00	32.20 2.09 0.00	34.93 2.37 0.00	37.17 3.06 0.00	41.29 3.57 -2.69	37.52 3.48 0.00	37.84 3.55 0.00	39.20 3.64 0.00	42.24 3.80 0.06	44.69 4.09 0.34	61.44 5.67 0.00	72.76 4.70 -20.07	57.84 3.42 -11.97	39.35 2.77 -0.40	39.90 2.56 0.00	36.85 2.62 0.00	37.62 2.81 0.00

FRANKLIN_FALL_HYD 24054	40.97 0.01 0.00	37.07 -0.07 0.00	33.96 -0.26 0.00	31.54 -0.29 0.00	31.19 -0.25 0.00	28.64 -0.12 0.00	29.63 0.00 0.00	26.88 -0.03 0.00	30.17 0.06 0.00	32.71 0.15 0.00	34.20 0.08 0.00	35.26 0.22 0.00	34.14 0.09 0.00	34.15 -0.14 0.00	35.17 -0.38 0.00	37.83 -0.66 0.00	40.21 -0.72 0.00	55.04 -0.74 0.00	47.51 -0.48 0.00	41.99 -0.46 0.00	35.96 -0.21 0.00	37.20 -0.15 0.00	33.69 -0.54 0.00	34.07 -0.74 0.00
FREEPORT_EQUS_GT1 23764	43.67 2.71 0.00	39.23 2.09 0.00	36.16 1.93 0.00	33.76 1.93 0.00	33.20 1.76 0.00	30.25 1.49 0.00	31.32 1.68 0.00	28.80 1.90 0.00	31.99 1.88 0.00	34.69 2.13 0.00	36.94 2.82 0.00	40.39 3.31 -2.03	37.30 3.25 0.00	37.52 3.23 0.00	38.90 3.35 0.00	41.55 3.38 0.32	41.98 3.64 2.60	60.80 5.02 0.00	72.26 4.20 -20.07	57.39 2.97 -11.97	38.93 2.35 -0.40	39.53 2.18 0.00	36.58 2.35 0.00	37.37 2.56 0.00
FREEPORT___CT2 23818	43.67 2.71 0.00	39.23 2.09 0.00	36.16 1.93 0.00	33.76 1.93 0.00	33.20 1.76 0.00	30.25 1.49 0.00	31.32 1.68 0.00	28.80 1.90 0.00	31.99 1.88 0.00	34.69 2.13 0.00	36.94 2.82 0.00	40.39 3.31 -2.03	37.30 3.25 0.00	37.52 3.23 0.00	38.90 3.35 0.00	41.55 3.38 0.32	41.98 3.64 2.60	60.80 5.02 0.00	72.26 4.20 -20.07	57.39 2.97 -11.97	38.93 2.35 -0.40	39.53 2.18 0.00	36.58 2.35 0.00	37.37 2.56 0.00
FRESHKLS_33_KV_LOAD 356253	43.24 2.28 0.00	39.00 1.86 0.00	35.94 1.71 0.00	33.61 1.78 0.00	33.05 1.61 0.00	30.27 1.51 0.00	31.27 1.64 0.00	28.72 1.81 0.00	32.01 1.90 0.00	34.62 2.07 0.00	36.70 2.58 0.00	38.14 3.10 0.00	37.27 3.23 0.00	37.77 3.48 0.00	39.13 3.58 0.00	42.41 3.91 -0.01	45.09 4.15 0.00	61.13 5.35 0.00	72.49 4.41 -20.09	57.83 3.38 -11.99	39.19 2.61 -0.41	39.61 2.27 0.00	36.44 2.21 0.00	37.23 2.42 0.00
FULTON COGEN____ 23766	39.76 -1.20 0.00	36.12 -1.02 0.00	33.37 -0.86 0.00	31.07 -0.76 0.00	30.69 -0.75 0.00	28.04 -0.72 0.00	28.87 -0.77 0.00	26.25 -0.66 0.00	29.32 -0.79 0.00	31.60 -0.95 0.00	32.96 -1.16 0.00	33.78 -1.27 0.00	32.75 -1.29 0.00	33.04 -1.24 0.00	34.33 -1.22 0.00	37.12 -1.37 0.00	39.51 -1.43 0.00	54.66 -1.99 -0.88	46.98 -1.67 -0.65	41.20 -1.40 -0.15	35.01 -1.17 0.00	36.12 -1.23 0.00	33.16 -1.07 0.00	33.75 -1.05 0.00
FULTON___LFGE 323630	42.89 1.92 -0.02	38.74 1.60 0.00	35.62 1.39 0.00	33.20 1.37 0.00	32.78 1.34 0.00	29.97 1.22 0.00	30.80 1.17 0.00	27.93 1.02 0.00	30.94 0.83 0.00	33.38 0.81 0.00	35.09 0.97 0.00	36.13 1.09 0.00	34.80 0.75 0.00	34.57 0.29 0.00	35.92 0.37 0.00	38.91 0.42 0.00	41.36 0.42 0.00	56.75 0.97 0.00	50.48 1.66 -0.83	46.02 1.49 -2.07	37.78 1.53 -0.08	38.96 1.61 0.00	35.72 1.50 0.00	36.27 1.46 0.00
G.F.CEMENT___DRP 24184	44.01 3.02 -0.03	39.63 2.49 0.00	36.56 2.33 0.00	34.12 2.29 0.00	33.65 2.20 0.00	30.72 1.96 0.00	31.55 1.91 0.00	28.79 1.88 0.00	32.06 1.95 0.00	34.53 1.97 0.00	36.36 2.24 0.00	37.23 2.19 0.00	36.13 2.08 0.00	36.30 2.01 0.00	37.38 1.82 0.00	40.72 2.23 0.00	43.55 2.61 0.00	59.48 3.70 0.00	52.68 3.59 -1.09	48.54 3.46 -2.63	39.42 3.15 -0.10	40.66 3.31 0.00	37.13 2.91 0.00	37.61 2.80 0.00
GARDENVILLE___LBMP 24039	38.97 -1.98 0.00	34.87 -2.27 0.00	26.70 -2.06 5.47	16.11 -1.79 13.93	21.93 -1.66 7.85	27.01 -1.74 0.00	27.66 -1.97 0.00	23.37 -1.62 1.92	10.73 -1.62 17.77	11.95 -1.90 18.71	12.76 -2.43 18.93	13.31 -2.77 18.97	12.43 -2.84 18.77	12.75 -2.66 18.88	13.88 -2.43 19.24	15.88 -2.66 19.95	17.20 -2.97 20.77	26.85 -3.84 25.09	21.81 -3.41 22.78	18.50 -2.85 21.10	16.54 -2.18 17.45	34.62 -2.27 0.46	30.95 -2.17 1.11	24.89 -2.00 7.92
GARDNVLA_35_KV_LD 355827	39.21 -1.74 0.00	35.08 -2.06 0.00	27.57 -1.89 4.77	18.02 -1.66 12.15	23.07 -1.53 6.85	27.14 -1.61 0.00	27.81 -1.82 0.00	23.74 -1.49 1.68	13.12 -1.49 15.50	14.47 -1.76 16.33	15.33 -2.27 16.51	15.88 -2.61 16.55	15.00 -2.67 16.38	15.34 -2.47 16.47	16.54 -2.23 16.78	18.64 -2.45 17.40	20.08 -2.74 18.12	30.25 -3.50 22.03	24.96 -3.10 19.93	21.43 -2.60 18.42	18.95 -2.00 15.22	34.89 -2.06 0.40	31.26 -2.00 0.97	26.01 -1.85 6.94
GELCKHM___115KV_LOAD 80723	40.28 -0.68 0.00	36.56 -0.58 0.00	33.76 -0.47 0.00	31.44 -0.39 0.00	31.05 -0.40 0.00	28.36 -0.40 0.00	29.19 -0.45 0.00	26.56 -0.35 0.00	29.67 -0.44 0.00	31.98 -0.57 0.00	33.36 -0.75 0.00	34.15 -0.89 0.00	33.17 -0.88 0.00	33.46 -0.82 0.00	34.78 -0.77 0.00	37.65 -0.84 0.00	40.08 -0.86 0.00	54.28 -1.07 0.43	46.73 -0.94 0.32	41.60 -0.78 0.07	35.54 -0.64 0.00	36.64 -0.71 0.00	33.61 -0.62 0.00	34.19 -0.62 0.00
GENERAL___MILLS 23808	39.12 -1.84 0.00	34.99 -2.14 0.00	27.31 -1.96 4.96	17.48 -1.71 12.63	22.74 -1.59 7.12	27.09 -1.66 0.00	27.75 -1.88 0.00	23.62 -1.54 1.74	12.45 -1.54 16.11	13.77 -1.82 16.97	14.60 -2.35 17.17	15.15 -2.69 17.20	14.27 -2.75 17.03	14.60 -2.56 17.12	15.78 -2.33 17.45	17.85 -2.55 18.09	19.26 -2.84 18.84	29.26 -3.66 22.86	24.04 -3.25 20.70	20.59 -2.72 19.14	18.27 -2.08 15.83	34.77 -2.17 0.41	31.14 -2.08 1.01	25.68 -1.92 7.20
GE_PLASTICS___DRP 24183	41.34 0.44 0.05	37.87 0.73 0.00	35.12 0.89 0.00	32.77 0.94 0.00	32.30 0.86 0.00	29.49 0.73 0.00	30.33 0.70 0.00	27.60 0.69 0.00	30.69 0.58 0.00	33.14 0.58 0.00	34.88 0.76 0.00	35.84 0.79 0.00	34.90 0.85 0.00	35.14 0.86 0.00	36.42 0.86 0.00	39.55 1.06 0.00	42.10 1.17 0.00	57.07 1.29 0.00	50.32 1.09 -1.24	46.37 1.02 -2.89	37.19 0.91 -0.11	38.26 0.91 0.00	35.09 0.86 0.00	35.66 0.86 0.00
GILBOA___1 23756	41.74 0.78 0.00	37.86 0.73 0.00	34.96 0.73 0.00	32.60 0.77 0.00	32.14 0.70 0.00	29.37 0.61 0.00	30.25 0.62 0.00	27.59 0.69 0.00	30.76 0.65 0.00	33.27 0.71 0.00	34.97 0.85 0.00	35.94 0.90 0.00	35.00 0.96 0.00	35.30 1.01 0.00	36.58 1.03 0.00	39.65 1.16 0.00	42.12 1.19 0.00	57.09 1.31 0.00	47.91 1.11 1.19	43.38 0.98 0.06	37.00 0.83 0.00	38.17 0.82 0.00	35.05 0.83 0.00	35.69 0.88 0.00
GILBOA___2 23757	41.74 0.78 0.00	37.86 0.73 0.00	34.96 0.73 0.00	32.60 0.77 0.00	32.14 0.70 0.00	29.37 0.61 0.00	30.25 0.62 0.00	27.59 0.69 0.00	30.76 0.65 0.00	33.27 0.71 0.00	34.97 0.85 0.00	35.94 0.90 0.00	35.00 0.96 0.00	35.30 1.01 0.00	36.58 1.03 0.00	39.65 1.16 0.00	42.12 1.19 0.00	57.09 1.31 0.00	47.91 1.11 1.19	43.38 0.98 0.06	37.00 0.83 0.00	38.17 0.82 0.00	35.05 0.83 0.00	35.69 0.88 0.00
GILBOA___3 23758	41.74 0.78 0.00	37.86 0.73 0.00	34.96 0.73 0.00	32.60 0.77 0.00	32.14 0.70 0.00	29.37 0.61 0.00	30.25 0.62 0.00	27.59 0.69 0.00	30.76 0.65 0.00	33.27 0.71 0.00	34.97 0.85 0.00	35.94 0.90 0.00	35.00 0.96 0.00	35.30 1.01 0.00	36.58 1.03 0.00	39.65 1.16 0.00	42.12 1.19 0.00	57.09 1.31 0.00	47.91 1.11 1.19	43.38 0.98 0.06	37.00 0.83 0.00	38.17 0.82 0.00	35.05 0.83 0.00	35.69 0.88 0.00

GILBOA___4 23759	41.74 0.78 0.00	37.86 0.73 0.00	34.96 0.73 0.00	32.60 0.77 0.00	32.14 0.70 0.00	29.37 0.61 0.00	30.25 0.62 0.00	27.59 0.69 0.00	30.76 0.65 0.00	33.27 0.71 0.00	34.97 0.85 0.00	35.94 0.90 0.00	35.00 0.96 0.00	35.30 1.01 0.00	36.58 1.03 0.00	39.65 1.16 0.00	42.12 1.19 0.00	57.09 1.31 0.00	47.91 1.11 1.19	43.38 0.98 0.06	37.00 0.83 0.00	38.17 0.82 0.00	35.05 0.83 0.00	35.69 0.88 0.00
GILBOA____ 23599	41.74 0.78 0.00	37.87 0.73 0.00	34.96 0.73 0.00	32.61 0.77 0.00	32.14 0.70 0.00	29.37 0.61 0.00	30.25 0.62 0.00	27.60 0.69 0.00	30.76 0.65 0.00	33.27 0.71 0.00	34.98 0.86 0.00	35.94 0.90 0.00	35.01 0.96 0.00	35.31 1.02 0.00	36.58 1.03 0.00	39.66 1.17 0.00	42.13 1.19 0.00	57.10 1.32 0.00	47.92 1.11 1.19	43.38 0.98 0.06	37.00 0.83 0.00	38.18 0.82 0.00	35.05 0.83 0.00	35.69 0.88 0.00
GINNA____ 23603	38.31 -2.65 0.00	34.58 -2.56 0.00	31.03 -2.36 0.84	27.52 -2.16 2.15	28.14 -2.10 1.21	26.75 -2.00 0.00	27.50 -2.14 0.00	24.78 -1.83 0.30	25.37 -2.00 2.74	27.28 -2.39 2.89	28.52 -2.67 2.92	29.26 -2.85 2.93	28.32 -2.82 2.90	28.65 -2.72 2.92	30.07 -2.51 2.97	32.63 -2.77 3.08	34.67 -3.06 3.21	46.76 -3.99 5.02	40.19 -3.39 4.42	36.10 -2.90 3.46	31.00 -2.47 2.70	34.71 -2.57 0.07	31.59 -2.46 0.18	31.04 -2.49 1.28
GLEN PARK____ 23778	41.26 0.30 0.00	36.92 -0.22 0.00	34.30 0.07 0.00	32.40 0.57 0.00	32.05 0.61 0.00	29.40 0.64 0.00	30.24 0.61 0.00	27.55 0.64 0.00	30.72 0.62 0.00	32.98 0.42 0.00	33.74 -0.38 0.00	34.35 -0.70 0.00	33.16 -0.89 0.00	32.68 -1.61 0.00	34.10 -1.45 0.00	36.20 -2.29 0.00	38.55 -2.39 0.00	53.60 -2.18 0.00	47.88 -0.12 0.00	42.55 0.10 0.00	35.93 -0.25 0.00	36.94 -0.41 0.00	33.66 -0.57 0.00	34.09 -0.71 0.00
GLENDALE_27_KV_LOAD 356172	43.37 2.41 0.00	39.11 1.97 0.00	36.05 1.82 0.00	33.71 1.88 0.00	33.16 1.72 0.00	30.36 1.61 0.00	31.39 1.76 0.00	28.87 1.96 0.00	32.21 2.10 0.00	34.86 2.30 0.00	36.95 2.83 0.00	38.21 3.17 0.00	37.32 3.27 0.00	37.76 3.48 0.00	39.14 3.59 0.00	42.42 3.93 0.00	45.13 4.19 0.00	61.24 5.46 0.00	72.50 4.42 -20.08	57.79 3.34 -11.99	39.10 2.52 -0.41	39.69 2.35 0.00	36.55 2.32 0.00	37.35 2.54 0.00
GLENWOOD_IC_1_G5 23712	43.40 2.44 0.00	39.07 1.93 0.00	36.02 1.79 0.00	33.65 1.82 0.00	33.10 1.65 0.00	30.21 1.45 0.00	31.26 1.62 0.00	28.72 1.81 0.00	31.97 1.86 0.00	34.67 2.12 0.00	36.89 2.77 0.00	40.63 3.17 -2.42	37.24 3.19 0.00	37.56 3.28 0.00	38.92 3.36 0.00	41.83 3.54 0.20	42.92 3.56 1.57	60.61 4.83 0.00	72.01 3.95 -20.07	57.29 2.87 -11.97	38.74 2.17 -0.40	39.54 2.19 0.00	36.46 2.23 0.00	37.23 2.42 0.00
GLENWOOD_IC_2_G1 23688	43.19 2.23 0.00	38.92 1.78 0.00	35.89 1.66 0.00	33.53 1.69 0.00	32.98 1.54 0.00	30.13 1.37 0.00	31.15 1.52 0.00	28.62 1.71 0.00	31.86 1.75 0.00	34.53 1.97 0.00	36.67 2.55 0.00	38.25 2.90 -0.31	37.00 2.95 0.00	37.34 3.06 0.00	38.69 3.14 0.00	41.84 3.36 0.00	44.50 3.58 0.01	60.59 4.81 0.00	71.98 3.92 -20.07	57.33 2.90 -11.97	38.80 2.22 -0.40	39.41 2.06 0.00	36.32 2.09 0.00	37.08 2.27 0.00
GLENWOOD_IC_3_G1 23689	43.19 2.23 0.00	38.92 1.78 0.00	35.89 1.66 0.00	33.53 1.69 0.00	32.98 1.54 0.00	30.13 1.37 0.00	31.15 1.52 0.00	28.62 1.71 0.00	31.86 1.75 0.00	34.53 1.97 0.00	36.67 2.55 0.00	38.25 2.90 -0.31	37.00 2.95 0.00	37.34 3.06 0.00	38.69 3.14 0.00	41.84 3.36 0.00	44.50 3.58 0.01	60.59 4.81 0.00	71.98 3.92 -20.07	57.33 2.90 -11.97	38.80 2.22 -0.40	39.41 2.06 0.00	36.32 2.09 0.00	37.08 2.27 0.00
GLENWOOD___4 23550	43.40 2.44 0.00	39.07 1.93 0.00	36.02 1.79 0.00	33.65 1.82 0.00	33.10 1.65 0.00	30.21 1.45 0.00	31.26 1.62 0.00	28.72 1.81 0.00	31.97 1.86 0.00	34.67 2.12 0.00	36.89 2.77 0.00	40.63 3.17 -2.42	37.24 3.19 0.00	37.56 3.28 0.00	38.92 3.36 0.00	41.83 3.54 0.20	43.03 3.66 1.57	60.74 4.96 0.00	72.13 4.06 -20.07	57.39 2.97 -11.97	38.81 2.24 -0.40	39.54 2.19 0.00	36.46 2.23 0.00	37.23 2.42 0.00
GLENWOOD___5 23614	43.40 2.44 0.00	39.07 1.93 0.00	36.02 1.79 0.00	33.65 1.82 0.00	33.10 1.65 0.00	30.21 1.45 0.00	31.26 1.62 0.00	28.72 1.81 0.00	31.97 1.86 0.00	34.67 2.12 0.00	36.89 2.77 0.00	40.63 3.17 -2.42	37.24 3.19 0.00	37.56 3.28 0.00	38.92 3.36 0.00	41.83 3.54 0.20	43.03 3.66 1.57	60.74 4.96 0.00	72.13 4.06 -20.07	57.39 2.97 -11.97	38.81 2.24 -0.40	39.54 2.19 0.00	36.46 2.23 0.00	37.23 2.42 0.00
GLOBAL GREEN_PORT_GT1 23814	43.81 2.85 0.00	39.25 2.11 0.00	36.27 2.04 0.00	34.30 2.47 0.00	33.97 2.53 0.00	31.01 2.25 0.00	32.16 2.53 0.00	29.57 2.66 0.00	32.70 2.59 0.00	35.40 2.84 0.00	37.38 3.26 0.00	40.50 3.88 -1.59	37.33 3.29 0.00	37.48 3.20 0.00	38.74 3.19 0.00	40.99 3.12 0.62	39.19 3.26 5.01	60.58 4.81 0.00	72.27 4.21 -20.07	57.34 2.92 -11.97	40.13 2.33 -1.63	40.93 2.33 -1.25	36.84 2.61 0.00	37.78 2.98 0.00
GLOBE___DSASP 323697	37.92 -3.03 0.00	34.07 -3.06 0.00	27.72 -2.72 3.79	19.82 -2.35 9.66	23.72 -2.28 5.44	26.38 -2.37 0.00	26.95 -2.69 0.00	23.30 -2.28 1.33	15.60 -2.18 12.33	17.03 -2.55 12.98	17.91 -3.07 13.13	18.47 -3.41 13.16	17.42 -3.60 13.02	17.76 -3.42 13.10	19.00 -3.21 13.35	20.98 -3.67 13.84	22.22 -4.30 14.41	31.90 -6.05 17.83	26.62 -5.29 16.09	23.18 -4.53 14.74	20.48 -3.57 12.12	33.45 -3.58 0.32	30.16 -3.30 0.77	26.34 -2.92 5.54
GOETHSLN___LBMP 323567	42.91 1.95 0.00	38.69 1.55 0.00	35.65 1.42 0.00	33.35 1.52 0.00	32.81 1.37 0.00	30.03 1.28 0.00	31.05 1.42 0.00	28.54 1.63 0.00	31.83 1.72 0.00	34.46 1.91 0.00	36.52 2.40 0.00	37.72 2.68 0.00	36.89 2.84 0.00	37.32 3.04 0.00	38.67 3.12 0.00	41.92 3.43 0.00	44.62 3.68 0.00	60.62 4.84 0.00	71.99 3.91 -20.09	57.37 2.92 -11.99	38.72 2.13 -0.41	39.27 1.92 0.00	36.14 1.92 0.00	36.90 2.10 0.00
GOLAH___69_KV_TB 1_2 80279	40.05 -0.91 0.00	36.08 -1.06 0.00	32.35 -0.98 0.90	28.69 -0.86 2.28	29.36 -0.80 1.29	27.88 -0.87 0.00	28.60 -1.03 0.00	25.81 -0.78 0.31	26.46 -0.73 2.91	28.32 -1.17 3.07	29.42 -1.59 3.10	30.23 -1.70 3.11	29.16 -1.81 3.08	29.52 -1.67 3.09	30.99 -1.41 3.16	33.70 -1.52 3.27	35.77 -1.76 3.40	48.30 -2.26 5.22	41.51 -1.88 4.61	37.36 -1.44 3.65	32.25 -1.06 2.86	36.19 -1.09 0.07	32.92 -1.12 0.19	32.39 -1.05 1.37
GOODYEAR_LAKE_HYD 323669	41.91 0.95 0.00	37.89 0.75 0.00	34.89 0.66 0.00	32.53 0.70 0.00	32.10 0.66 0.00	29.34 0.59 0.00	30.28 0.65 0.00	27.61 0.70 0.00	30.89 0.78 0.00	33.43 0.87 0.00	35.06 0.94 0.00	35.94 0.90 0.00	34.84 0.80 0.00	35.11 0.83 0.00	36.46 0.90 0.00	39.45 0.96 0.00	41.89 0.95 0.00	57.32 1.54 0.00	49.85 1.36 -0.50	43.64 1.16 -0.02	37.17 1.00 0.00	38.26 0.92 0.00	35.10 0.88 0.00	35.73 0.92 0.00

GOWANUS_GT4_4 24133	43.27 2.32 0.00	39.01 1.87 0.00	35.95 1.73 0.00	33.63 1.80 0.00	33.07 1.63 0.00	30.28 1.53 0.00	31.30 1.66 0.00	28.77 1.86 0.00	32.08 1.97 0.00	34.73 2.17 0.00	36.81 2.70 0.00	38.13 3.09 0.00	37.26 3.21 0.00	37.73 3.44 0.00	39.11 3.56 0.00	42.38 3.88 -0.01	45.04 4.10 0.00	61.08 5.30 0.00	72.44 4.36 -20.09	57.71 3.27 -11.99	39.06 2.48 -0.41	39.57 2.22 0.00	36.43 2.20 0.00	37.23 2.43 0.00
GOWANUS_GT4_5 24134	43.27 2.32 0.00	39.01 1.87 0.00	35.95 1.73 0.00	33.63 1.80 0.00	33.07 1.63 0.00	30.28 1.53 0.00	31.30 1.66 0.00	28.77 1.86 0.00	32.08 1.97 0.00	34.73 2.17 0.00	36.81 2.70 0.00	38.13 3.09 0.00	37.26 3.21 0.00	37.73 3.44 0.00	39.11 3.56 0.00	42.38 3.88 -0.01	45.04 4.10 0.00	61.08 5.30 0.00	72.44 4.36 -20.09	57.71 3.27 -11.99	39.06 2.48 -0.41	39.57 2.22 0.00	36.43 2.20 0.00	37.23 2.43 0.00
GOWANUS_GT4_6 24135	43.27 2.32 0.00	39.01 1.87 0.00	35.95 1.73 0.00	33.63 1.80 0.00	33.07 1.63 0.00	30.28 1.53 0.00	31.30 1.66 0.00	28.77 1.86 0.00	32.08 1.97 0.00	34.73 2.17 0.00	36.81 2.70 0.00	38.13 3.09 0.00	37.26 3.21 0.00	37.73 3.44 0.00	39.11 3.56 0.00	42.38 3.88 -0.01	45.04 4.10 0.00	61.08 5.30 0.00	72.44 4.36 -20.09	57.71 3.27 -11.99	39.06 2.48 -0.41	39.57 2.22 0.00	36.43 2.20 0.00	37.23 2.43 0.00
GOWANUS_GT4_7 24136	43.27 2.32 0.00	39.01 1.87 0.00	35.95 1.73 0.00	33.63 1.80 0.00	33.07 1.63 0.00	30.28 1.53 0.00	31.30 1.66 0.00	28.77 1.86 0.00	32.08 1.97 0.00	34.73 2.17 0.00	36.81 2.70 0.00	38.13 3.09 0.00	37.26 3.21 0.00	37.73 3.44 0.00	39.11 3.56 0.00	42.38 3.88 -0.01	45.04 4.10 0.00	61.08 5.30 0.00	72.44 4.36 -20.09	57.71 3.27 -11.99	39.06 2.48 -0.41	39.57 2.22 0.00	36.43 2.20 0.00	37.23 2.43 0.00
GOWANUS_GT4_8 24137	43.27 2.32 0.00	39.01 1.87 0.00	35.95 1.73 0.00	33.63 1.80 0.00	33.07 1.63 0.00	30.28 1.53 0.00	31.30 1.66 0.00	28.77 1.86 0.00	32.08 1.97 0.00	34.73 2.17 0.00	36.81 2.70 0.00	38.13 3.09 0.00	37.26 3.21 0.00	37.73 3.44 0.00	39.11 3.56 0.00	42.38 3.88 -0.01	45.04 4.10 0.00	61.08 5.30 0.00	72.44 4.36 -20.09	57.71 3.27 -11.99	39.06 2.48 -0.41	39.57 2.22 0.00	36.43 2.20 0.00	37.23 2.43 0.00
GREENBSH_115KV_TB3 55895	41.45 0.58 0.09	37.88 0.74 0.00	35.18 0.95 0.00	32.84 1.01 0.00	32.36 0.91 0.00	29.53 0.78 0.00	30.36 0.72 0.00	27.60 0.69 0.00	30.62 0.51 0.00	33.08 0.53 0.00	34.82 0.70 0.00	35.77 0.73 0.00	34.86 0.81 0.00	35.08 0.79 0.00	36.36 0.80 0.00	39.53 1.04 0.00	42.10 1.17 0.00	56.96 1.19 0.00	50.30 1.01 -1.29	46.39 1.01 -2.92	37.21 0.92 -0.11	38.29 0.94 0.00	35.07 0.84 0.00	35.63 0.82 0.00
GREENDGE_115KV_TB5 80291	41.38 0.43 0.00	36.96 -0.19 0.00	42.19 -0.30 -8.26	52.60 -0.27 -21.04	43.06 -0.23 -11.86	28.60 -0.16 0.00	29.48 -0.15 0.00	29.79 -0.02 -2.90	56.82 -0.13 -26.83	60.73 -0.10 -28.26	61.93 -0.78 -28.59	62.13 -1.55 -28.65	61.14 -1.26 -28.35	61.64 -1.16 -28.51	63.61 -1.01 -29.06	67.51 -1.11 -30.13	71.67 -0.64 -31.37	90.72 -0.82 -35.76	81.07 -0.59 -33.66	73.82 -0.23 -31.59	62.74 0.18 -26.40	38.24 0.20 -0.69	35.98 0.10 -1.66	46.50 0.05 -11.64
GREENIDGE___3 23582	41.38 0.43 0.00	36.96 -0.19 0.00	42.19 -0.30 -8.26	52.60 -0.27 -21.04	43.06 -0.23 -11.86	28.60 -0.16 0.00	29.48 -0.15 0.00	29.79 -0.02 -2.90	56.82 -0.13 -26.83	60.73 -0.10 -28.26	61.93 -0.78 -28.59	62.13 -1.55 -28.65	61.14 -1.26 -28.35	61.64 -1.16 -28.51	63.61 -1.01 -29.06	67.51 -1.11 -30.13	71.67 -0.64 -31.37	90.72 -0.82 -35.76	81.07 -0.59 -33.66	73.82 -0.23 -31.59	62.74 0.18 -26.40	38.24 0.20 -0.69	35.98 0.10 -1.66	46.50 0.05 -11.64
GREENIDGE___4 23583	41.38 0.42 0.00	36.96 -0.19 0.00	42.19 -0.30 -8.26	52.60 -0.27 -21.04	43.06 -0.24 -11.86	28.60 -0.16 0.00	29.49 -0.15 0.00	29.79 -0.02 -2.90	56.81 -0.13 -26.83	60.72 -0.10 -28.26	61.92 -0.79 -28.59	62.13 -1.56 -28.65	61.14 -1.27 -28.35	61.62 -1.18 -28.51	63.61 -1.01 -29.06	67.51 -1.11 -30.13	71.67 -0.64 -31.37	90.71 -0.83 -35.76	81.07 -0.58 -33.66	73.82 -0.23 -31.59	62.75 0.18 -26.40	38.23 0.19 -0.69	35.98 0.10 -1.66	46.50 0.05 -11.64
GREENLWN_69_KV_BK 3 55738	43.40 2.44 0.00	38.94 1.80 0.00	35.94 1.71 0.00	33.58 1.75 0.00	33.01 1.57 0.00	30.01 1.25 0.00	31.10 1.47 0.00	28.58 1.67 0.00	31.61 1.50 0.00	34.31 1.75 0.00	36.62 2.50 0.00	39.67 3.01 -1.62	36.86 2.81 0.00	36.89 2.60 0.00	38.16 2.60 0.00	40.33 2.44 0.60	38.71 2.64 4.86	59.45 3.68 0.00	71.09 3.02 -20.07	56.37 1.95 -11.97	36.97 1.47 0.68	37.61 1.37 1.10	36.09 1.86 0.00	37.03 2.22 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.27 2.32 0.00	39.01 1.87 0.00	35.95 1.73 0.00	33.63 1.80 0.00	33.07 1.63 0.00	30.28 1.53 0.00	31.30 1.66 0.00	28.77 1.86 0.00	32.08 1.97 0.00	34.73 2.17 0.00	36.81 2.70 0.00	38.13 3.09 0.00	37.26 3.21 0.00	37.73 3.44 0.00	39.11 3.56 0.00	42.38 3.88 -0.01	45.04 4.10 0.00	61.08 5.30 0.00	72.44 4.36 -20.09	57.71 3.27 -11.99	39.06 2.48 -0.41	39.57 2.22 0.00	36.43 2.20 0.00	37.23 2.43 0.00
GRISSOM___SOLAR 323813	42.87 1.89 -0.02	38.74 1.60 0.00	35.64 1.41 0.00	33.21 1.38 0.00	32.78 1.34 0.00	29.95 1.20 0.00	30.79 1.15 0.00	27.91 1.00 0.00	30.89 0.78 0.00	33.30 0.75 0.00	35.10 0.98 0.00	36.12 1.08 0.00	34.81 0.76 0.00	34.61 0.33 0.00	35.95 0.39 0.00	38.93 0.44 0.00	41.45 0.52 0.00	56.75 0.97 0.00	50.53 1.68 -0.85	46.11 1.50 -2.15	37.82 1.57 -0.08	39.01 1.66 0.00	35.75 1.52 0.00	36.30 1.49 0.00
GROVEVILLE___HYD 323602	43.25 2.29 0.00	39.06 1.92 0.00	36.00 1.77 0.00	33.61 1.78 0.00	33.06 1.62 0.00	30.23 1.48 0.00	31.23 1.59 0.00	28.64 1.74 0.00	31.93 1.82 0.00	34.58 2.02 0.00	36.63 2.51 0.00	37.81 2.77 0.00	36.96 2.92 0.00	37.40 3.11 0.00	38.72 3.17 0.00	42.01 3.52 0.00	44.81 3.87 0.00	61.00 5.22 0.00	66.27 4.25 -14.02	51.62 3.28 -5.89	38.92 2.53 -0.21	39.69 2.34 0.00	36.49 2.26 0.00	37.16 2.36 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.54 -0.42 0.00	36.80 -0.34 0.00	33.97 -0.26 0.00	31.63 -0.20 0.00	31.23 -0.21 0.00	28.51 -0.24 0.00	29.37 -0.27 0.00	26.72 -0.19 0.00	29.85 -0.25 0.00	32.18 -0.38 0.00	33.57 -0.55 0.00	34.33 -0.71 0.00	33.34 -0.71 0.00	33.65 -0.63 0.00	34.99 -0.56 0.00	37.87 -0.62 0.00	40.33 -0.61 0.00	55.08 -0.70 0.00	47.38 -0.61 0.00	41.99 -0.47 0.00	35.80 -0.37 0.00	36.89 -0.45 0.00	33.84 -0.39 0.00	34.41 -0.39 0.00
HAMLTNNY_34_KV_TB 80303	40.62 -0.34 0.00	36.87 -0.27 0.00	34.03 -0.20 0.00	31.69 -0.14 0.00	31.26 -0.18 0.00	28.54 -0.22 0.00	29.38 -0.26 0.00	26.74 -0.17 0.00	29.89 -0.22 0.00	32.19 -0.37 0.00	33.54 -0.57 0.00	34.28 -0.76 0.00	33.25 -0.80 0.00	33.57 -0.71 0.00	34.97 -0.58 0.00	37.81 -0.68 0.00	40.32 -0.62 0.00	55.10 -0.67 0.00	47.37 -0.63 0.00	42.07 -0.38 0.00	35.90 -0.27 0.00	36.99 -0.35 0.00	33.92 -0.31 0.00	34.49 -0.31 0.00

HAMPSHIRE___PAPER_HYD 323593	40.73 -0.23 0.00	36.70 -0.44 0.00	33.88 -0.35 0.00	31.77 -0.06 0.00	31.48 0.04 0.00	28.85 0.10 0.00	29.74 0.10 0.00	26.97 0.06 0.00	30.14 0.03 0.00	32.51 -0.05 0.00	33.60 -0.52 0.00	34.42 -0.63 0.00	33.26 -0.79 0.00	33.18 -1.10 0.00	34.35 -1.21 0.00	36.86 -1.63 0.00	39.21 -1.73 0.00	54.21 -1.56 0.00	47.62 -0.38 0.00	42.06 -0.39 0.00	35.63 -0.54 0.00	36.75 -0.60 0.00	33.47 -0.76 0.00	33.95 -0.86 0.00
HARDSCRABBLE_WT_PWR 323673	42.05 1.09 0.00	38.01 0.87 0.00	35.02 0.79 0.00	32.77 0.94 0.00	32.37 0.93 0.00	29.52 0.77 0.00	30.29 0.65 0.00	27.58 0.67 0.00	30.47 0.36 0.00	32.87 0.31 0.00	34.76 0.64 0.00	35.94 0.90 0.00	34.70 0.65 0.00	34.64 0.35 0.00	35.92 0.37 0.00	38.78 0.29 0.00	41.16 0.23 0.00	56.22 0.45 0.00	48.69 0.69 0.00	42.93 0.48 0.00	36.72 0.54 0.00	38.13 0.78 0.00	35.10 0.87 0.00	35.67 0.86 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.98 2.03 0.00	38.79 1.65 0.00	35.73 1.50 0.00	33.34 1.51 0.00	32.82 1.37 0.00	30.02 1.27 0.00	31.00 1.37 0.00	28.45 1.54 0.00	31.72 1.61 0.00	34.38 1.82 0.00	36.42 2.30 0.00	37.55 2.51 0.00	36.73 2.69 0.00	37.21 2.92 0.00	38.55 2.99 0.00	41.83 3.34 0.00	44.57 3.64 0.00	60.66 4.88 0.00	83.00 3.99 -31.02	71.77 3.07 -26.25	39.35 2.28 -0.90	39.42 2.07 0.00	36.22 1.99 0.00	36.91 2.10 0.00
HARSNRAD_115KV_TB1 81005	38.55 -2.41 0.00	34.59 -2.55 0.00	28.22 -2.25 3.76	20.33 -1.93 9.58	24.18 -1.87 5.40	26.76 -2.00 0.00	27.28 -2.35 0.00	23.64 -1.94 1.32	16.13 -1.76 12.21	17.52 -2.18 12.87	18.39 -2.71 13.01	18.96 -3.04 13.04	18.01 -3.13 12.91	18.41 -2.89 12.98	19.63 -2.70 13.23	21.76 -3.01 13.71	23.21 -3.45 14.28	33.44 -4.66 17.67	28.06 -4.01 15.92	24.57 -3.31 14.58	21.62 -2.55 12.01	34.24 -2.80 0.31	30.85 -2.61 0.77	26.99 -2.34 5.48
HARZA MOOSE___RIVER 24016	41.44 0.49 0.00	37.32 0.18 0.00	34.52 0.29 0.00	32.43 0.60 0.00	32.07 0.62 0.00	29.37 0.62 0.00	30.25 0.62 0.00	27.48 0.58 0.00	30.63 0.53 0.00	32.98 0.42 0.00	34.07 -0.05 0.00	34.78 -0.27 0.00	33.63 -0.42 0.00	33.58 -0.70 0.00	34.84 -0.71 0.00	37.58 -0.91 0.00	39.91 -1.03 0.00	55.51 -0.27 0.00	48.43 0.44 0.00	42.68 0.22 0.00	36.08 -0.09 0.00	37.17 -0.18 0.00	33.97 -0.26 0.00	34.50 -0.30 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.31 -0.65 0.00	36.58 -0.56 0.00	33.78 -0.45 0.00	31.45 -0.38 0.00	31.06 -0.38 0.00	28.37 -0.39 0.00	29.21 -0.43 0.00	26.58 -0.33 0.00	29.69 -0.42 0.00	32.02 -0.54 0.00	33.40 -0.72 0.00	34.18 -0.86 0.00	33.21 -0.83 0.00	33.51 -0.78 0.00	34.83 -0.72 0.00	37.72 -0.77 0.00	40.16 -0.78 0.00	54.27 -0.99 0.52	46.75 -0.87 0.39	41.63 -0.74 0.09	35.57 -0.60 0.00	36.70 -0.65 0.00	33.65 -0.58 0.00	34.22 -0.59 0.00
HELLGATE_13_KV_LD 55870	43.41 2.45 0.00	39.15 2.01 0.00	36.09 1.87 0.00	33.76 1.93 0.00	33.21 1.76 0.00	30.41 1.66 0.00	31.45 1.81 0.00	28.92 2.01 0.00	32.27 2.16 0.00	34.90 2.34 0.00	37.01 2.89 0.00	38.26 3.22 0.00	37.38 3.33 0.00	37.81 3.53 0.00	39.20 3.65 0.00	42.48 3.99 0.00	45.20 4.26 0.00	61.33 5.55 0.00	72.59 4.52 -20.08	57.87 3.43 -11.99	39.15 2.57 -0.41	39.73 2.39 0.00	36.59 2.36 0.00	37.38 2.58 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.41 2.45 0.00	39.15 2.01 0.00	36.09 1.87 0.00	33.76 1.93 0.00	33.21 1.76 0.00	30.41 1.66 0.00	31.45 1.81 0.00	28.92 2.01 0.00	32.27 2.16 0.00	34.90 2.34 0.00	37.01 2.89 0.00	38.26 3.22 0.00	37.38 3.33 0.00	37.81 3.53 0.00	39.20 3.65 0.00	42.48 3.99 0.00	45.20 4.26 0.00	61.33 5.55 0.00	72.59 4.52 -20.08	57.87 3.43 -11.99	39.15 2.57 -0.41	39.73 2.39 0.00	36.59 2.36 0.00	37.38 2.58 0.00
HEMPSTEAD___ 23647	43.32 2.36 0.00	38.94 1.81 0.00	35.92 1.69 0.00	33.54 1.72 0.00	33.00 1.55 0.00	30.08 1.32 0.00	31.13 1.50 0.00	28.62 1.71 0.00	31.81 1.70 0.00	34.49 1.93 0.00	36.72 2.60 0.00	40.27 3.05 -2.19	37.04 3.00 0.00	37.28 3.00 0.00	38.64 3.08 0.00	41.32 3.13 0.30	41.89 3.33 2.37	60.33 4.55 0.00	71.81 3.75 -20.07	57.06 2.64 -11.97	38.60 2.02 -0.40	39.24 1.90 0.00	36.28 2.05 0.00	37.07 2.27 0.00
HICKLING___1 23621	40.97 0.01 0.00	36.39 -0.75 0.00	36.96 -0.88 -3.61	40.23 -0.80 -9.19	35.87 -0.76 -5.18	28.16 -0.60 0.00	29.05 -0.59 0.00	27.77 -0.41 -1.27	41.24 -0.60 -11.72	44.31 -0.60 -12.35	45.41 -1.20 -12.49	45.78 -1.78 -12.52	44.90 -1.53 -12.39	45.40 -1.34 -12.46	47.04 -1.21 -12.70	50.47 -1.19 -13.16	53.76 -0.89 -13.71	69.96 -1.12 -15.30	61.58 -1.17 -14.75	55.33 -0.88 -13.76	47.28 -0.42 -11.53	37.26 -0.39 -0.30	34.53 -0.42 -0.72	39.46 -0.45 -5.10
HICKLING___2 23622	40.97 0.01 0.00	36.39 -0.75 0.00	36.96 -0.88 -3.61	40.23 -0.80 -9.19	35.87 -0.76 -5.18	28.16 -0.60 0.00	29.05 -0.59 0.00	27.77 -0.41 -1.27	41.24 -0.60 -11.72	44.31 -0.60 -12.35	45.41 -1.20 -12.49	45.78 -1.78 -12.52	44.90 -1.53 -12.39	45.40 -1.34 -12.46	47.04 -1.21 -12.70	50.47 -1.19 -13.16	53.76 -0.89 -13.71	69.96 -1.12 -15.30	61.58 -1.17 -14.75	55.33 -0.88 -13.76	47.28 -0.42 -11.53	37.26 -0.39 -0.30	34.53 -0.42 -0.72	39.46 -0.45 -5.10
HIGH FALLS___HY 23754	43.25 2.30 0.01	38.93 1.79 0.00	35.80 1.57 0.00	33.40 1.57 0.00	32.87 1.43 0.00	30.07 1.32 0.00	31.08 1.44 0.00	28.55 1.64 0.00	31.83 1.72 0.00	34.48 1.92 0.00	36.52 2.40 0.00	37.59 2.55 0.00	36.82 2.78 0.00	37.35 3.06 0.00	38.59 3.03 0.00	41.94 3.45 0.00	44.78 3.84 0.00	61.15 5.37 0.00	58.80 4.24 -6.56	47.03 3.26 -1.32	38.74 2.47 -0.10	39.59 2.24 0.00	36.40 2.17 0.00	37.06 2.26 0.00
HIGH_RIVER___SOLAR 323847	42.43 1.45 -0.02	38.41 1.27 0.00	35.39 1.16 0.00	33.00 1.17 0.00	32.56 1.11 0.00	29.74 0.99 0.00	30.57 0.93 0.00	27.76 0.85 0.00	30.80 0.69 0.00	33.14 0.58 0.00	34.88 0.76 0.00	35.94 0.89 0.00	34.78 0.74 0.00	34.67 0.39 0.00	36.10 0.55 0.00	39.09 0.60 0.00	41.57 0.64 0.00	56.81 1.03 0.00	50.36 1.44 -0.93	46.21 1.41 -2.35	37.59 1.33 -0.09	38.74 1.39 0.00	35.50 1.28 0.00	36.08 1.27 0.00
HILLBURN___GT 23639	42.85 1.89 0.00	38.66 1.52 0.00	35.61 1.39 0.00	33.25 1.42 0.00	32.73 1.28 0.00	29.94 1.19 0.00	30.93 1.30 0.00	28.39 1.48 0.00	31.65 1.54 0.00	34.31 1.76 0.00	36.33 2.21 0.00	37.51 2.47 0.00	36.70 2.65 0.00	37.12 2.84 0.00	38.47 2.92 0.00	41.71 3.22 0.00	44.43 3.50 0.00	60.44 4.66 0.00	80.77 3.80 -28.97	68.96 2.88 -23.62	39.11 2.13 -0.81	39.26 1.91 0.00	36.09 1.86 0.00	36.82 2.01 0.00
HILLSIDE_115KV_TB1 80332	40.53 -0.42 0.00	36.19 -0.95 0.00	36.38 -0.99 -3.14	38.95 -0.87 -7.98	35.10 -0.84 -4.50	28.06 -0.70 0.00	28.93 -0.71 0.00	27.51 -0.50 -1.10	39.59 -0.70 -10.19	42.58 -0.71 -10.73	43.80 -1.17 -10.85	44.34 -1.58 -10.87	43.44 -1.37 -10.76	43.89 -1.22 -10.82	45.46 -1.12 -11.03	48.80 -1.12 -11.44	51.93 -0.92 -11.91	67.98 -1.07 -13.27	59.68 -1.21 -12.89	53.39 -1.03 -11.96	45.57 -0.63 -10.02	36.98 -0.64 -0.26	34.26 -0.60 -0.63	38.62 -0.63 -4.45

HISHELDN_WT_PWR 323625	39.03 -1.92 0.00	34.71 -2.42 0.00	21.03 -2.34 10.86	2.07 -2.12 27.65	13.89 -1.97 15.59	26.86 -1.89 0.00	27.51 -2.12 0.00	21.29 -1.81 3.82	-7.08 -1.92 35.27	-6.78 -2.19 37.15	-6.35 -2.89 37.58	-6.03 -3.42 37.66	-6.64 -3.42 37.27	-6.44 -3.24 37.48	-5.70 -3.05 38.20	-4.42 -3.30 39.60	-3.77 -3.48 41.24	2.65 -4.54 48.59	-0.44 -3.84 44.60	-2.35 -3.08 41.73	-0.76 -2.26 34.68	34.17 -2.27 0.91	29.91 -2.13 2.19	17.30 -2.02 15.49
HOLTSVILLE_IC_1 23690	43.60 2.64 0.00	39.18 2.04 0.00	36.17 1.94 0.00	33.82 1.99 0.00	33.28 1.83 0.00	30.25 1.49 0.00	31.37 1.74 0.00	28.82 1.91 0.00	31.84 1.73 0.00	34.50 1.94 0.00	36.61 2.49 0.00	39.67 3.04 -1.58	36.89 2.85 0.00	37.01 2.73 0.00	38.38 2.83 0.00	40.54 2.67 0.62	38.72 2.80 5.02	59.70 3.92 0.00	71.38 3.32 -20.07	56.66 2.24 -11.97	39.71 1.85 -1.69	40.51 1.85 -1.31	36.48 2.26 0.00	37.27 2.47 0.00
HOLTSVILLE_IC_10 23699	43.83 2.87 0.00	39.36 2.22 0.00	36.32 2.09 0.00	33.96 2.13 0.00	33.41 1.96 0.00	30.38 1.62 0.00	31.51 1.87 0.00	28.94 2.03 0.00	32.00 1.89 0.00	34.68 2.12 0.00	36.78 2.66 0.00	39.87 3.24 -1.59	37.12 3.08 0.00	37.25 2.96 0.00	38.65 3.10 0.00	40.83 2.96 0.61	39.05 3.08 4.96	60.13 4.36 0.00	71.75 3.68 -20.07	56.99 2.57 -11.97	39.77 2.13 -1.46	40.56 2.14 -1.07	36.71 2.48 0.00	37.48 2.67 0.00
HOLTSVILLE_IC_2 23691	43.60 2.64 0.00	39.18 2.04 0.00	36.17 1.94 0.00	33.82 1.99 0.00	33.28 1.83 0.00	30.25 1.49 0.00	31.37 1.74 0.00	28.82 1.91 0.00	31.84 1.73 0.00	34.50 1.94 0.00	36.61 2.49 0.00	39.67 3.04 -1.58	36.89 2.85 0.00	37.01 2.73 0.00	38.38 2.83 0.00	40.54 2.67 0.62	38.72 2.80 5.02	59.70 3.92 0.00	71.38 3.32 -20.07	56.66 2.24 -11.97	39.71 1.85 -1.69	40.51 1.85 -1.31	36.48 2.26 0.00	37.27 2.47 0.00
HOLTSVILLE_IC_3 23692	43.60 2.64 0.00	39.18 2.04 0.00	36.17 1.94 0.00	33.82 1.99 0.00	33.28 1.83 0.00	30.25 1.49 0.00	31.37 1.74 0.00	28.82 1.91 0.00	31.84 1.73 0.00	34.50 1.94 0.00	36.61 2.49 0.00	39.67 3.04 -1.58	36.89 2.85 0.00	37.01 2.73 0.00	38.38 2.83 0.00	40.54 2.67 0.62	38.72 2.80 5.02	59.70 3.92 0.00	71.38 3.32 -20.07	56.66 2.24 -11.97	39.71 1.85 -1.69	40.51 1.85 -1.31	36.48 2.26 0.00	37.27 2.47 0.00
HOLTSVILLE_IC_4 23693	43.60 2.64 0.00	39.18 2.04 0.00	36.17 1.94 0.00	33.82 1.99 0.00	33.28 1.83 0.00	30.25 1.49 0.00	31.37 1.74 0.00	28.82 1.91 0.00	31.84 1.73 0.00	34.50 1.94 0.00	36.61 2.49 0.00	39.67 3.04 -1.58	36.89 2.85 0.00	37.01 2.73 0.00	38.38 2.83 0.00	40.54 2.67 0.62	38.72 2.80 5.02	59.70 3.92 0.00	71.38 3.32 -20.07	56.66 2.24 -11.97	39.71 1.85 -1.69	40.51 1.85 -1.31	36.48 2.26 0.00	37.27 2.47 0.00
HOLTSVILLE_IC_5 23694	43.60 2.64 0.00	39.18 2.04 0.00	36.17 1.94 0.00	33.82 1.99 0.00	33.28 1.83 0.00	30.25 1.49 0.00	31.37 1.74 0.00	28.82 1.91 0.00	31.84 1.73 0.00	34.50 1.94 0.00	36.61 2.49 0.00	39.67 3.04 -1.58	36.89 2.85 0.00	37.01 2.73 0.00	38.38 2.83 0.00	40.54 2.67 0.62	38.72 2.80 5.02	59.70 3.92 0.00	71.38 3.32 -20.07	56.66 2.24 -11.97	39.71 1.85 -1.69	40.51 1.85 -1.31	36.48 2.26 0.00	37.27 2.47 0.00
HOLTSVILLE_IC_6 23695	43.83 2.87 0.00	39.36 2.22 0.00	36.32 2.09 0.00	33.96 2.13 0.00	33.41 1.96 0.00	30.38 1.62 0.00	31.51 1.87 0.00	28.94 2.03 0.00	32.00 1.89 0.00	34.68 2.12 0.00	36.78 2.66 0.00	39.87 3.24 -1.59	37.12 3.08 0.00	37.25 2.96 0.00	38.65 3.10 0.00	40.83 2.96 0.61	39.05 3.08 4.96	60.13 4.36 0.00	71.75 3.68 -20.07	56.99 2.57 -11.97	39.77 2.13 -1.46	40.56 2.14 -1.07	36.71 2.48 0.00	37.48 2.67 0.00
HOLTSVILLE_IC_7 23696	43.83 2.87 0.00	39.36 2.22 0.00	36.32 2.09 0.00	33.96 2.13 0.00	33.41 1.96 0.00	30.38 1.62 0.00	31.51 1.87 0.00	28.94 2.03 0.00	32.00 1.89 0.00	34.68 2.12 0.00	36.78 2.66 0.00	39.87 3.24 -1.59	37.12 3.08 0.00	37.25 2.96 0.00	38.65 3.10 0.00	40.83 2.96 0.61	39.05 3.08 4.96	60.13 4.36 0.00	71.75 3.68 -20.07	56.99 2.57 -11.97	39.77 2.13 -1.46	40.56 2.14 -1.07	36.71 2.48 0.00	37.48 2.67 0.00
HOLTSVILLE_IC_8 23697	43.83 2.87 0.00	39.36 2.22 0.00	36.32 2.09 0.00	33.96 2.13 0.00	33.41 1.96 0.00	30.38 1.62 0.00	31.51 1.87 0.00	28.94 2.03 0.00	32.00 1.89 0.00	34.68 2.12 0.00	36.78 2.66 0.00	39.87 3.24 -1.59	37.12 3.08 0.00	37.25 2.96 0.00	38.65 3.10 0.00	40.83 2.96 0.61	39.05 3.08 4.96	60.13 4.36 0.00	71.75 3.68 -20.07	56.99 2.57 -11.97	39.77 2.13 -1.46	40.56 2.14 -1.07	36.71 2.48 0.00	37.48 2.67 0.00
HOLTSVILLE_IC_9 23698	43.83 2.87 0.00	39.36 2.22 0.00	36.32 2.09 0.00	33.96 2.13 0.00	33.41 1.96 0.00	30.38 1.62 0.00	31.51 1.87 0.00	28.94 2.03 0.00	32.00 1.89 0.00	34.68 2.12 0.00	36.78 2.66 0.00	39.87 3.24 -1.59	37.12 3.08 0.00	37.25 2.96 0.00	38.65 3.10 0.00	40.83 2.96 0.61	39.05 3.08 4.96	60.13 4.36 0.00	71.75 3.68 -20.07	56.99 2.57 -11.97	39.77 2.13 -1.46	40.56 2.14 -1.07	36.71 2.48 0.00	37.48 2.67 0.00
HOMER_HL_115KV_TB2 355744	39.19 -1.77 0.00	35.09 -2.05 0.00	28.48 -1.68 4.07	20.09 -1.39 10.36	24.30 -1.31 5.84	27.39 -1.36 0.00	28.20 -1.44 0.00	24.45 -1.03 1.43	15.79 -1.10 13.22	17.36 -1.28 13.92	18.37 -1.67 14.08	19.16 -1.78 14.11	18.30 -1.78 13.97	18.61 -1.63 14.05	19.61 -1.63 14.31	21.98 -1.67 14.84	23.62 -1.87 15.45	34.74 -2.18 18.86	28.67 -2.36 16.96	24.67 -2.08 15.70	21.65 -1.56 12.97	35.22 -1.79 0.34	31.65 -1.75 0.83	27.24 -1.56 6.01
HOWARD_WT_PWR 323690	40.10 -0.86 0.00	35.03 -2.11 0.00	48.72 -2.45 -16.94	72.63 -2.31 -43.12	53.56 -2.19 -24.30	27.05 -1.72 -0.01	27.88 -1.75 0.00	31.36 -1.49 -5.95	83.06 -2.06 -55.00	88.34 -2.16 -57.94	89.60 -3.13 -58.61	89.51 -4.25 -58.72	87.98 -4.19 -58.12	88.82 -3.91 -58.45	91.61 -3.52 -59.57	96.46 -3.79 -61.76	101.68 -3.56 -64.31	124.16 -5.14 -73.52	112.46 -4.30 -68.76	104.05 -3.18 -64.77	88.35 -1.93 -54.11	37.13 -1.64 -1.42	36.08 -1.54 -3.39	57.12 -1.54 -23.85
HQ_GEN_CEDARS 23644	40.89 -0.07 0.00	37.03 -0.10 0.00	34.01 -0.22 0.00	31.57 -0.26 0.00	31.26 -0.19 0.00	28.63 -0.13 0.00	29.55 -0.09 0.00	26.72 -0.18 0.00	30.02 -0.09 0.00	32.54 -0.02 0.00	34.03 -0.09 0.00	35.04 0.00 0.00	33.93 -0.12 0.00	34.06 -0.22 0.00	35.24 -0.32 0.00	38.05 -0.44 0.00	40.45 -0.48 0.00	55.15 -0.62 0.00	47.71 -0.29 0.00	42.29 -0.17 0.00	36.05 -0.12 0.00	37.28 -0.07 0.00	33.95 -0.28 0.00	34.43 -0.37 0.00
HQ_GEN_CEDARS_PROXY 323590	40.89 -0.07 0.00	37.03 -0.10 0.00	34.01 -0.22 0.00	31.57 -0.26 0.00	31.25 -0.19 0.00	28.62 -0.13 0.00	29.55 -0.09 0.00	25.70 -0.18 1.02	29.77 -0.09 0.25	32.54 -0.02 0.00	34.03 -0.09 0.00	35.04 0.00 0.00	33.93 -0.12 0.00	34.06 -0.22 0.00	35.24 -0.32 0.00	38.05 -0.44 0.00	40.45 -0.48 0.00	55.14 -0.63 0.00	47.71 -0.29 0.00	42.29 -0.17 0.00	36.06 -0.12 0.00	37.28 -0.07 0.00	33.95 -0.28 0.00	34.44 -0.37 0.00

HQ_GEN_CHPE_PROXY 323851	43.08 2.13 0.00	38.86 1.72 0.00	35.81 1.59 0.00	33.50 1.67 0.00	32.96 1.51 0.00	30.16 1.41 0.00	31.18 1.54 0.00	28.65 1.74 0.00	31.96 1.85 0.00	34.59 2.03 0.00	36.67 2.55 0.00	37.88 2.84 0.00	37.02 2.98 0.00	37.43 3.15 0.00	38.79 3.24 0.00	42.05 3.56 0.00	44.75 3.81 0.00	60.79 5.01 0.00	72.12 4.04 -20.08	57.51 3.07 -11.99	38.85 2.27 -0.41	39.43 2.08 0.00	36.29 2.07 0.00	37.05 2.25 0.00
HQ_GEN_IMPORT 323601	40.94 -0.02 0.00	37.08 -0.06 0.00	34.08 -0.15 0.00	31.58 -0.25 0.00	31.26 -0.19 0.00	28.61 -0.14 0.00	29.53 -0.11 0.00	26.71 -0.20 0.00	30.01 -0.10 0.00	32.53 -0.03 0.00	34.07 -0.05 0.00	35.04 0.00 0.00	34.00 -0.05 0.00	34.20 -0.09 0.00	35.44 -0.11 0.00	38.35 -0.14 0.00	40.78 -0.15 0.00	55.61 -0.16 0.00	47.88 -0.12 0.00	42.38 -0.08 0.00	36.11 -0.07 0.00	37.34 -0.01 0.00	34.13 -0.10 0.00	34.67 -0.14 0.00
HQ_GEN_WHEEL 23651	40.94 -0.02 0.00	37.08 -0.06 0.00	34.08 -0.15 0.00	31.58 -0.25 0.00	31.26 -0.19 0.00	28.61 -0.14 0.00	29.53 -0.11 0.00	26.71 -0.20 0.00	30.01 -0.10 0.00	32.53 -0.03 0.00	34.07 -0.05 0.00	35.04 0.00 0.00	34.00 -0.05 0.00	34.20 -0.09 0.00	35.44 -0.11 0.00	38.35 -0.14 0.00	40.78 -0.15 0.00	55.61 -0.16 0.00	47.88 -0.12 0.00	42.38 -0.08 0.00	36.11 -0.07 0.00	37.34 -0.01 0.00	34.13 -0.10 0.00	34.67 -0.14 0.00
HUDSON_AVE_GT_3 23810	43.20 2.24 0.00	38.95 1.81 0.00	35.90 1.67 0.00	33.57 1.74 0.00	33.03 1.58 0.00	30.22 1.47 0.00	31.24 1.61 0.00	28.72 1.82 0.00	32.05 1.94 0.00	34.70 2.14 0.00	36.78 2.66 0.00	38.00 2.96 0.00	37.14 3.10 0.00	37.58 3.30 0.00	38.95 3.39 0.00	42.21 3.72 0.00	44.92 3.98 0.00	61.02 5.24 0.00	72.33 4.25 -20.09	57.66 3.22 -11.99	38.98 2.40 -0.41	39.54 2.20 0.00	36.39 2.17 0.00	37.16 2.35 0.00
HUDSON_AVE_GT_4 23540	43.20 2.24 0.00	38.95 1.81 0.00	35.90 1.67 0.00	33.57 1.74 0.00	33.03 1.58 0.00	30.22 1.47 0.00	31.24 1.61 0.00	28.72 1.82 0.00	32.05 1.94 0.00	34.70 2.14 0.00	36.78 2.66 0.00	38.00 2.96 0.00	37.14 3.10 0.00	37.58 3.30 0.00	38.95 3.39 0.00	42.21 3.72 0.00	44.92 3.98 0.00	61.02 5.24 0.00	72.33 4.25 -20.09	57.66 3.22 -11.99	38.98 2.40 -0.41	39.54 2.20 0.00	36.39 2.17 0.00	37.16 2.35 0.00
HUDSON_AVE_GT_5 23657	43.20 2.24 0.00	38.95 1.81 0.00	35.90 1.67 0.00	33.57 1.74 0.00	33.03 1.58 0.00	30.22 1.47 0.00	31.24 1.61 0.00	28.72 1.82 0.00	32.05 1.94 0.00	34.70 2.14 0.00	36.78 2.66 0.00	38.00 2.96 0.00	37.14 3.10 0.00	37.58 3.30 0.00	38.95 3.39 0.00	42.21 3.72 0.00	44.92 3.98 0.00	61.02 5.24 0.00	72.33 4.25 -20.09	57.66 3.22 -11.99	38.98 2.40 -0.41	39.54 2.20 0.00	36.39 2.17 0.00	37.16 2.35 0.00
HUDSON_AVE_10 24168	42.97 2.02 0.00	38.75 1.61 0.00	35.71 1.49 0.00	33.41 1.57 0.00	32.87 1.42 0.00	30.08 1.32 0.00	31.11 1.47 0.00	28.60 1.69 0.00	31.90 1.79 0.00	34.54 1.98 0.00	30.90 2.46 5.67	37.78 2.74 0.00	36.95 2.90 0.00	37.36 3.08 0.00	38.73 3.17 0.00	41.97 3.48 0.00	44.65 3.71 0.00	60.67 4.89 0.00	72.03 3.95 -20.09	57.40 2.96 -11.99	21.73 2.16 16.61	39.31 1.97 0.01	36.22 1.99 0.00	36.95 2.14 0.00
HUDSON___115KV_TB 4 355613	42.22 1.33 0.07	38.56 1.42 0.00	35.76 1.53 0.00	33.35 1.52 0.00	32.88 1.43 0.00	30.00 1.25 0.00	30.84 1.20 0.00	28.02 1.11 0.00	31.12 1.01 0.00	33.48 0.92 0.00	35.28 1.16 0.00	36.26 1.22 0.00	35.47 1.42 0.00	35.54 1.25 0.00	36.80 1.25 0.00	40.02 1.53 0.00	42.84 1.91 0.00	58.48 2.70 0.00	52.04 2.25 -1.80	47.32 2.06 -2.81	38.14 1.85 -0.11	39.22 1.87 0.00	35.90 1.67 0.00	36.40 1.59 0.00
HUNTER MOUNT___DRP 323613	42.36 1.45 0.05	38.68 1.54 0.00	35.87 1.64 0.00	33.47 1.63 0.00	32.98 1.53 0.00	30.10 1.35 0.00	30.96 1.32 0.00	28.14 1.23 0.00	31.27 1.16 0.00	33.64 1.08 0.00	35.46 1.34 0.00	36.46 1.42 0.00	35.65 1.61 0.00	35.71 1.43 0.00	36.97 1.42 0.00	40.27 1.78 0.00	43.04 2.11 0.00	58.88 3.10 0.00	51.93 2.51 -1.42	46.79 2.26 -2.08	38.34 2.05 -0.12	39.43 2.08 0.00	36.08 1.85 0.00	36.57 1.77 0.00
HUNTINGTON_RES_REC 323705	43.59 2.64 0.00	39.10 1.96 0.00	36.09 1.86 0.00	33.72 1.89 0.00	33.16 1.72 0.00	30.14 1.38 0.00	31.25 1.62 0.00	28.72 1.81 0.00	31.76 1.65 0.00	34.46 1.90 0.00	36.72 2.60 0.00	39.81 3.17 -1.60	37.04 3.00 0.00	37.11 2.83 0.00	38.44 2.89 0.00	40.64 2.76 0.61	38.89 2.90 4.94	59.87 4.09 0.00	71.46 3.39 -20.07	56.70 2.28 -11.97	38.22 1.80 -0.24	39.09 1.74 0.00	36.38 2.15 0.00	37.25 2.44 0.00
HUNTLEY___63 23557	38.88 -2.08 0.00	34.86 -2.28 0.00	28.11 -2.03 4.09	19.69 -1.73 10.41	23.92 -1.66 5.87	26.97 -1.79 0.00	27.57 -2.07 0.00	23.77 -1.70 1.44	15.27 -1.56 13.28	16.68 -1.89 13.99	17.58 -2.39 14.15	18.15 -2.71 14.18	17.15 -2.86 14.03	17.54 -2.63 14.11	18.79 -2.38 14.38	20.88 -2.70 14.91	22.26 -3.15 15.53	32.43 -4.26 19.09	27.12 -3.68 17.20	23.56 -3.09 15.80	20.73 -2.39 13.05	34.50 -2.51 0.34	31.04 -2.36 0.83	26.76 -2.08 5.96
HUNTLEY___64 23558	38.88 -2.08 0.00	34.86 -2.28 0.00	28.11 -2.03 4.09	19.69 -1.73 10.41	23.92 -1.66 5.87	26.97 -1.79 0.00	27.57 -2.07 0.00	23.77 -1.70 1.44	15.27 -1.56 13.28	16.68 -1.89 13.99	17.58 -2.39 14.15	18.15 -2.71 14.18	17.15 -2.86 14.03	17.54 -2.63 14.11	18.79 -2.38 14.38	20.88 -2.70 14.91	22.26 -3.15 15.53	32.43 -4.26 19.09	27.12 -3.68 17.20	23.56 -3.09 15.80	20.73 -2.39 13.05	34.50 -2.51 0.34	31.04 -2.36 0.83	26.76 -2.08 5.96
HUNTLEY___65 23559	38.88 -2.08 0.00	34.86 -2.28 0.00	28.11 -2.03 4.09	19.69 -1.73 10.41	23.92 -1.66 5.87	26.97 -1.79 0.00	27.57 -2.07 0.00	23.77 -1.70 1.44	15.27 -1.56 13.28	16.68 -1.89 13.99	17.58 -2.39 14.15	18.15 -2.71 14.18	17.15 -2.86 14.03	17.54 -2.63 14.11	18.79 -2.38 14.38	20.88 -2.70 14.91	22.26 -3.15 15.53	32.43 -4.26 19.09	27.12 -3.68 17.20	23.56 -3.09 15.80	20.73 -2.39 13.05	34.50 -2.51 0.34	31.04 -2.36 0.83	26.76 -2.08 5.96
HUNTLEY___66 23560	38.88 -2.08 0.00	34.86 -2.28 0.00	28.11 -2.03 4.09	19.69 -1.73 10.41	23.92 -1.66 5.87	26.97 -1.79 0.00	27.57 -2.07 0.00	23.77 -1.70 1.44	15.27 -1.56 13.28	16.68 -1.89 13.99	17.58 -2.39 14.15	18.15 -2.71 14.18	17.15 -2.86 14.03	17.54 -2.63 14.11	18.79 -2.38 14.38	20.88 -2.70 14.91	22.26 -3.15 15.53	32.43 -4.26 19.09	27.12 -3.68 17.20	23.56 -3.09 15.80	20.73 -2.39 13.05	34.50 -2.51 0.34	31.04 -2.36 0.83	26.76 -2.08 5.96
HUNTLEY___67 23561	38.62 -2.34 0.00	34.62 -2.52 0.00	27.33 -2.29 4.61	18.08 -2.01 11.75	22.94 -1.88 6.62	26.80 -1.95 0.00	27.44 -2.20 0.00	23.46 -1.83 1.62	13.29 -1.84 14.98	14.61 -2.16 15.78	15.47 -2.68 15.97	16.04 -3.01 16.00	15.12 -3.09 15.83	15.45 -2.91 15.92	16.65 -2.68 16.23	18.69 -2.97 16.83	20.05 -3.36 17.52	29.95 -4.45 21.38	24.72 -3.92 19.35	21.29 -3.33 17.84	18.84 -2.61 14.73	34.28 -2.68 0.38	30.75 -2.54 0.94	25.74 -2.36 6.70

HUNTLEY___68 23562	38.62 -2.34 0.00	34.62 -2.52 0.00	27.33 -2.29 4.61	18.08 -2.01 11.75	22.94 -1.88 6.62	26.80 -1.95 0.00	27.44 -2.20 0.00	23.46 -1.83 1.62	13.29 -1.84 14.98	14.61 -2.16 15.78	15.47 -2.68 15.97	16.04 -3.01 16.00	15.12 -3.09 15.83	15.45 -2.91 15.92	16.65 -2.68 16.23	18.69 -2.97 16.83	20.05 -3.36 17.52	29.95 -4.45 21.38	24.72 -3.92 19.35	21.29 -3.33 17.84	18.84 -2.61 14.73	34.28 -2.68 0.38	30.75 -2.54 0.94	25.74 -2.36 6.70
HYLAND___LFGE 323620	42.01 1.06 0.00	37.20 0.06 0.00	49.04 -0.17 -14.98	69.81 -0.15 -38.12	52.87 -0.07 -21.49	28.70 -0.06 -0.01	29.56 -0.08 0.00	32.21 0.04 -5.26	78.91 0.16 -48.64	82.83 -0.96 -51.24	83.50 -2.45 -51.82	82.57 -4.40 -51.92	81.23 -4.21 -51.40	81.91 -4.07 -51.69	84.18 -4.05 -52.68	88.70 -4.39 -54.61	93.24 -4.56 -56.86	114.21 -6.19 -64.62	103.29 -5.18 -60.47	95.92 -3.75 -57.21	81.91 -2.10 -47.84	37.37 -1.24 -1.25	36.12 -1.10 -3.00	56.78 0.93 -21.05
INDECK___CORINTH 23802	43.78 2.79 -0.03	39.47 2.33 0.00	36.39 2.17 0.00	33.97 2.14 0.00	33.49 2.05 0.00	30.58 1.83 0.00	31.42 1.78 0.00	28.65 1.75 0.00	31.94 1.83 0.00	34.41 1.85 0.00	36.16 2.04 0.00	37.06 2.02 0.00	35.95 1.90 0.00	36.08 1.80 0.00	37.21 1.66 0.00	40.53 2.05 0.00	43.41 2.48 0.00	59.26 3.48 0.00	52.49 3.43 -1.07	48.33 3.27 -2.61	39.21 2.94 -0.10	40.42 3.07 0.00	36.93 2.70 0.00	37.40 2.60 0.00
INDECK___ILION 23567	41.60 0.65 0.00	37.69 0.55 0.00	34.75 0.52 0.00	32.44 0.61 0.00	32.02 0.58 0.00	29.24 0.49 0.00	30.05 0.41 0.00	27.34 0.43 0.00	30.37 0.26 0.00	32.80 0.24 0.00	34.55 0.43 0.00	35.58 0.54 0.00	34.45 0.40 0.00	34.54 0.25 0.00	35.87 0.31 0.00	38.80 0.31 0.00	41.23 0.30 0.00	56.27 0.49 0.00	48.58 0.58 0.00	42.89 0.43 0.00	36.63 0.46 0.00	37.91 0.56 0.00	34.82 0.60 0.00	35.38 0.58 0.00
INDECK___OLEAN 23982	39.19 -1.77 0.00	35.09 -2.05 0.00	28.48 -1.68 4.07	20.09 -1.39 10.36	24.30 -1.31 5.84	27.39 -1.36 0.00	28.20 -1.43 0.00	24.46 -1.02 1.43	15.79 -1.10 13.22	17.38 -1.26 13.92	18.40 -1.64 14.08	19.17 -1.76 14.11	18.34 -1.74 13.97	18.65 -1.59 14.05	19.65 -1.59 14.31	22.03 -1.62 14.84	23.68 -1.81 15.45	34.82 -2.10 18.86	28.77 -2.26 16.96	24.73 -2.02 15.70	21.68 -1.53 12.97	35.22 -1.79 0.34	31.65 -1.75 0.83	27.23 -1.56 6.01
INDECK___OSWEGO 23783	39.78 -1.18 0.00	36.14 -1.00 0.00	33.41 -0.82 0.00	31.14 -0.70 0.00	30.76 -0.69 0.00	28.10 -0.65 0.00	28.93 -0.70 0.00	26.31 -0.59 0.00	29.37 -0.74 0.00	31.64 -0.92 0.00	32.98 -1.14 0.00	33.79 -1.26 0.00	32.77 -1.28 0.00	33.00 -1.28 0.00	34.22 -1.33 0.00	36.81 -1.68 0.00	39.12 -1.82 0.00	54.82 -2.51 -1.55	47.14 -2.01 -1.15	41.01 -1.71 -0.26	34.76 -1.42 0.00	35.87 -1.48 0.00	33.09 -1.14 0.00	33.73 -1.07 0.00
INDECK___YERKES 23781	38.90 -2.05 0.00	34.88 -2.25 0.00	28.13 -2.00 4.09	19.71 -1.71 10.41	23.94 -1.64 5.87	26.99 -1.77 0.00	27.58 -2.05 0.00	23.79 -1.69 1.44	15.31 -1.51 13.28	16.76 -1.80 13.99	17.65 -2.32 14.15	18.23 -2.64 14.18	17.27 -2.75 14.03	17.66 -2.51 14.11	18.90 -2.27 14.38	21.00 -2.57 14.91	22.41 -3.00 15.53	32.63 -4.06 19.09	27.33 -3.47 17.20	23.70 -2.95 15.80	20.81 -2.32 13.05	34.52 -2.49 0.34	31.06 -2.33 0.83	26.79 -2.06 5.96
INDIAN POINT_GT_1 24139	42.82 1.87 0.00	38.66 1.52 0.00	35.64 1.40 0.00	33.28 1.45 0.00	32.75 1.31 0.00	29.96 1.21 0.00	30.94 1.31 0.00	28.41 1.50 0.00	31.66 1.55 0.00	34.30 1.75 0.00	36.33 2.21 0.00	37.51 2.47 0.00	36.65 2.61 0.00	37.08 2.79 0.00	38.40 2.85 0.00	41.61 3.12 0.00	44.31 3.37 0.00	60.26 4.48 0.00	72.49 3.65 -20.84	58.31 2.75 -13.11	38.69 2.07 -0.44	39.21 1.86 0.00	36.08 1.85 0.00	36.80 1.99 0.00
INDIAN POINT_GT_2 23659	42.82 1.87 0.00	38.66 1.52 0.00	35.64 1.40 0.00	33.28 1.45 0.00	32.75 1.31 0.00	29.96 1.21 0.00	30.94 1.31 0.00	28.41 1.50 0.00	31.66 1.55 0.00	34.30 1.75 0.00	36.33 2.21 0.00	37.51 2.47 0.00	36.65 2.61 0.00	37.08 2.79 0.00	38.40 2.85 0.00	41.61 3.12 0.00	44.31 3.37 0.00	60.26 4.48 0.00	72.49 3.65 -20.84	58.31 2.75 -13.11	38.69 2.07 -0.44	39.21 1.86 0.00	36.08 1.85 0.00	36.80 1.99 0.00
INDIAN POINT_GT_3 24019	42.82 1.87 0.00	38.66 1.52 0.00	35.64 1.40 0.00	33.28 1.45 0.00	32.75 1.31 0.00	29.96 1.21 0.00	30.94 1.31 0.00	28.41 1.50 0.00	31.66 1.55 0.00	34.30 1.75 0.00	36.33 2.21 0.00	37.51 2.47 0.00	36.65 2.61 0.00	37.08 2.79 0.00	38.40 2.85 0.00	41.61 3.12 0.00	44.31 3.37 0.00	60.26 4.48 0.00	72.49 3.65 -20.84	58.31 2.75 -13.11	38.69 2.07 -0.44	39.21 1.86 0.00	36.08 1.85 0.00	36.80 1.99 0.00
INDIAN POINT___2 23530	42.77 1.81 0.00	38.62 1.48 0.00	35.59 1.36 0.00	33.24 1.41 0.00	32.71 1.27 0.00	29.92 1.17 0.00	30.91 1.28 0.00	28.38 1.47 0.00	31.62 1.51 0.00	34.27 1.71 0.00	36.28 2.16 0.00	37.46 2.42 0.00	36.62 2.57 0.00	37.02 2.74 0.00	38.35 2.79 0.00	41.57 3.08 0.00	44.26 3.32 0.00	60.20 4.42 0.00	73.16 3.59 -21.57	59.44 2.71 -14.28	38.68 2.02 -0.49	39.17 1.82 0.00	36.03 1.81 0.00	36.76 1.96 0.00
INDIAN POINT___3 23531	42.80 1.84 0.00	38.63 1.49 0.00	35.62 1.39 0.00	33.27 1.44 0.00	32.74 1.29 0.00	29.94 1.19 0.00	30.94 1.31 0.00	28.39 1.48 0.00	31.64 1.53 0.00	34.28 1.73 0.00	36.30 2.18 0.00	37.47 2.43 0.00	36.63 2.59 0.00	37.04 2.76 0.00	38.36 2.81 0.00	41.57 3.08 0.00	44.26 3.33 0.00	60.20 4.42 0.00	72.51 3.60 -20.91	58.35 2.71 -13.19	38.65 2.03 -0.45	39.18 1.83 0.00	36.05 1.82 0.00	36.78 1.97 0.00
INDIANHD_69_KV_BK1 55831	43.74 2.78 0.00	39.24 2.10 0.00	36.20 1.97 0.00	33.83 1.99 0.00	33.28 1.83 0.00	30.24 1.48 0.00	31.36 1.72 0.00	28.82 1.91 0.00	31.87 1.76 0.00	34.59 2.03 0.00	36.82 2.70 0.00	39.93 3.29 -1.60	37.18 3.13 0.00	37.28 3.00 0.00	38.64 3.08 0.00	40.84 2.96 0.61	39.08 3.09 4.95	60.15 4.37 0.00	71.71 3.65 -20.07	56.90 2.48 -11.97	38.57 1.99 -0.40	39.30 1.95 0.00	36.55 2.32 0.00	37.39 2.58 0.00
INGHAM_C_115KV_TB7 356103	42.24 1.29 0.00	38.22 1.08 0.00	35.24 1.02 0.00	32.97 1.14 0.00	32.53 1.09 0.00	29.66 0.90 0.00	30.39 0.75 0.00	27.70 0.79 0.00	30.50 0.39 0.00	32.92 0.36 0.00	34.89 0.77 0.00	36.09 1.04 0.00	34.81 0.76 0.00	34.69 0.41 0.00	36.06 0.51 0.00	39.03 0.55 0.00	41.50 0.56 0.00	56.66 0.88 0.00	49.19 1.19 0.00	43.36 0.91 0.00	37.15 0.98 0.00	38.60 1.25 0.00	35.48 1.25 0.00	36.01 1.20 0.00
IP CORINTH___1 23988	43.78 2.79 -0.03	39.47 2.33 0.00	36.39 2.17 0.00	33.97 2.14 0.00	33.49 2.05 0.00	30.58 1.82 0.00	31.42 1.78 0.00	28.65 1.75 0.00	31.94 1.83 0.00	34.41 1.85 0.00	36.16 2.04 0.00	37.06 2.02 0.00	35.95 1.90 0.00	36.09 1.80 0.00	37.21 1.66 0.00	40.53 2.05 0.00	43.42 2.48 0.00	59.26 3.49 0.00	52.49 3.42 -1.07	48.33 3.26 -2.61	39.21 2.93 -0.10	40.42 3.07 0.00	36.93 2.70 0.00	37.41 2.60 0.00

IP__TICONDEROGA 23804	45.78 4.79 -0.03	40.69 3.55 0.00	37.52 3.29 0.00	35.19 3.36 0.00	34.71 3.27 0.00	31.76 3.00 0.00	32.60 2.96 0.00	29.95 3.04 0.00	33.30 3.20 0.00	35.83 3.27 0.00	37.84 3.72 0.00	38.15 3.11 0.00	37.09 3.05 0.00	37.64 3.36 0.00	38.44 2.89 0.00	41.98 3.49 0.00	44.52 3.58 0.00	61.37 5.59 0.00	54.48 5.40 -1.08	49.83 4.75 -2.63	41.28 5.01 -0.10	42.60 5.26 0.00	38.85 4.63 0.00	39.27 4.47 0.00
ISLIP_RES_REC 323679	43.97 3.01 0.00	39.48 2.34 0.00	36.43 2.20 0.00	34.06 2.23 0.00	33.50 2.06 0.00	30.45 1.70 0.00	31.60 1.96 0.00	29.03 2.12 0.00	32.11 2.00 0.00	34.81 2.25 0.00	36.91 2.79 0.00	40.03 3.39 -1.60	37.29 3.24 0.00	37.42 3.13 0.00	38.84 3.28 0.00	41.03 3.15 0.61	39.30 3.29 4.93	60.46 4.68 0.00	72.02 3.95 -20.07	57.22 2.80 -11.97	39.93 2.32 -1.43	40.72 2.33 -1.05	36.88 2.65 0.00	37.64 2.83 0.00
JAMAICA__27_KV_LOAD 355505	43.23 2.27 0.00	38.95 1.81 0.00	35.89 1.66 0.00	33.56 1.73 0.00	33.03 1.58 0.00	30.23 1.48 0.00	31.27 1.63 0.00	28.77 1.86 0.00	32.09 1.98 0.00	34.74 2.18 0.00	31.02 2.57 5.67	37.88 2.84 0.00	37.08 3.04 0.00	37.47 3.19 0.00	38.84 3.29 0.00	42.13 3.64 0.00	44.80 3.87 0.00	60.92 5.15 0.00	72.29 4.20 -20.09	57.62 3.18 -11.99	21.89 2.33 16.61	39.51 2.17 0.01	36.44 2.22 0.00	37.14 2.33 0.00
JANIS__SOLAR 323808	42.11 1.15 0.00	38.09 0.95 0.00	36.53 0.90 -1.40	36.27 0.88 -3.56	34.25 0.80 -2.00	29.34 0.58 0.00	30.29 0.66 0.00	28.01 0.61 -0.49	35.25 0.61 -4.54	38.06 0.73 -4.78	39.59 0.63 -4.83	39.61 -0.28 -4.84	38.33 -0.51 -4.79	38.69 -0.41 -4.82	40.03 -0.43 -4.91	42.99 -0.59 -5.09	46.00 -0.24 -5.30	61.99 0.34 -5.87	54.47 0.46 -6.00	48.50 0.71 -5.34	41.69 1.05 -4.46	38.45 0.98 -0.12	35.37 0.86 -0.28	37.74 0.90 -2.03
JARVIS____ 23743	41.08 0.13 0.00	37.26 0.12 0.00	34.37 0.14 0.00	32.02 0.19 0.00	31.60 0.16 0.00	28.90 0.14 0.00	29.76 0.12 0.00	27.05 0.14 0.00	30.22 0.12 0.00	32.65 0.09 0.00	34.25 0.13 0.00	35.16 0.12 0.00	34.15 0.10 0.00	34.38 0.10 0.00	35.63 0.08 0.00	38.58 0.09 0.00	41.02 0.09 0.00	55.92 0.14 0.00	48.12 0.12 0.00	42.54 0.08 0.00	36.25 0.07 0.00	37.43 0.08 0.00	34.36 0.13 0.00	34.94 0.14 0.00
JENNISON__1 23625	41.52 0.56 0.00	37.73 0.60 0.00	35.67 0.70 -0.74	34.53 0.82 -1.89	33.24 0.73 -1.06	29.23 0.48 0.00	30.15 0.51 0.00	27.75 0.58 -0.26	33.12 0.61 -2.41	35.82 0.73 -2.53	37.54 0.86 -2.56	38.01 0.40 -2.57	36.60 0.01 -2.54	36.82 -0.01 -2.56	38.31 0.15 -2.61	41.33 0.14 -2.70	43.94 0.19 -2.81	59.44 0.65 -3.01	52.12 0.63 -3.50	46.14 0.86 -2.83	39.57 1.02 -2.37	38.35 0.94 -0.06	35.11 0.72 -0.16	36.86 0.89 -1.16
JENNISON__2 23626	41.52 0.56 0.00	37.73 0.60 0.00	35.67 0.70 -0.74	34.53 0.82 -1.89	33.24 0.73 -1.06	29.23 0.48 0.00	30.15 0.51 0.00	27.75 0.58 -0.26	33.12 0.61 -2.41	35.82 0.73 -2.53	37.54 0.86 -2.56	38.01 0.40 -2.57	36.60 0.01 -2.54	36.82 -0.01 -2.56	38.31 0.15 -2.61	41.33 0.14 -2.70	43.94 0.19 -2.81	59.44 0.65 -3.01	52.12 0.63 -3.50	46.14 0.86 -2.83	39.57 1.02 -2.37	38.35 0.94 -0.06	35.11 0.72 -0.16	36.86 0.89 -1.16
JERICO_RISE_WT_PWR 323719	40.68 -0.28 0.00	36.84 -0.30 0.00	33.72 -0.51 0.00	31.28 -0.55 0.00	30.90 -0.54 0.00	28.40 -0.36 0.00	29.39 -0.24 0.00	26.64 -0.27 0.00	29.89 -0.22 0.00	32.40 -0.16 0.00	33.90 -0.22 0.00	34.95 -0.09 0.00	33.86 -0.19 0.00	33.84 -0.45 0.00	34.89 -0.67 0.00	37.61 -0.88 0.00	39.95 -0.99 0.00	54.67 -1.11 0.00	47.04 -0.96 0.00	41.40 -1.05 0.00	35.49 -0.69 0.00	36.77 -0.58 0.00	33.31 -0.92 0.00	33.70 -1.10 0.00
KATONAH__115KV_46KV_TB4 355592	43.03 2.08 0.00	38.85 1.70 0.00	35.81 1.59 0.00	33.44 1.61 0.00	32.90 1.45 0.00	30.09 1.33 0.00	31.08 1.45 0.00	28.53 1.63 0.00	31.82 1.71 0.00	34.47 1.91 0.00	36.52 2.40 0.00	37.72 2.68 0.00	36.85 2.80 0.00	37.27 2.99 0.00	38.62 3.07 0.00	41.86 3.37 0.00	44.59 3.65 0.00	60.63 4.85 0.00	70.65 3.92 -18.72	55.71 3.02 -10.24	38.82 2.29 -0.35	39.44 2.09 0.00	36.28 2.05 0.00	36.98 2.18 0.00
KCE_NY_1 323755	43.24 2.25 -0.03	39.11 1.97 0.00	36.08 1.85 0.00	33.66 1.83 0.00	33.20 1.76 0.00	30.30 1.54 0.00	31.14 1.50 0.00	28.36 1.45 0.00	31.58 1.47 0.00	34.09 1.53 0.00	35.87 1.75 0.00	36.84 1.80 0.00	35.79 1.74 0.00	35.96 1.68 0.00	37.22 1.67 0.00	40.46 1.97 0.00	43.17 2.24 0.00	58.77 2.99 0.00	51.86 2.76 -1.10	47.71 2.62 -2.64	38.57 2.30 -0.10	39.79 2.45 0.00	36.36 2.13 0.00	36.93 2.13 0.00
KCE_NY_6_ESR 323823	39.13 -1.83 0.00	35.00 -2.14 0.00	27.32 -1.95 4.96	17.49 -1.71 12.63	22.75 -1.57 7.12	27.10 -1.65 0.00	27.76 -1.88 0.00	23.61 -1.55 1.74	12.45 -1.54 16.11	13.79 -1.79 16.97	14.62 -2.33 17.17	15.15 -2.69 17.20	14.31 -2.71 17.03	14.65 -2.51 17.12	15.83 -2.27 17.45	17.90 -2.50 18.09	19.32 -2.78 18.84	29.34 -3.57 22.86	24.16 -3.13 20.70	20.67 -2.64 19.14	18.29 -2.05 15.83	34.79 -2.14 0.41	31.16 -2.06 1.01	25.70 -1.90 7.20
KEDC_PORT_JEFF_GT2 24210	43.77 2.81 0.00	39.31 2.18 0.00	36.28 2.05 0.00	33.92 2.09 0.00	33.37 1.93 0.00	30.35 1.59 0.00	31.48 1.84 0.00	28.91 2.00 0.00	31.97 1.86 0.00	34.65 2.10 0.00	36.78 2.66 0.00	39.87 3.24 -1.59	37.12 3.08 0.00	37.25 2.96 0.00	38.64 3.09 0.00	40.80 2.93 0.61	38.82 2.87 4.98	59.81 4.03 0.00	71.46 3.40 -20.07	56.75 2.33 -11.97	39.57 1.99 -1.40	40.43 2.07 -1.01	36.66 2.43 0.00	37.44 2.63 0.00
KEDC_PORT_JEFF_GT3 24211	43.77 2.81 0.00	39.31 2.18 0.00	36.28 2.05 0.00	33.92 2.09 0.00	33.37 1.93 0.00	30.35 1.59 0.00	31.48 1.84 0.00	28.91 2.00 0.00	31.97 1.86 0.00	34.65 2.10 0.00	36.78 2.66 0.00	39.87 3.24 -1.59	37.12 3.08 0.00	37.25 2.96 0.00	38.64 3.09 0.00	40.80 2.93 0.61	38.82 2.87 4.98	59.81 4.03 0.00	71.46 3.40 -20.07	56.75 2.33 -11.97	39.57 1.99 -1.40	40.43 2.07 -1.01	36.66 2.43 0.00	37.44 2.63 0.00
KEDC_GLWD_GT4 24219	43.41 2.44 0.00	39.07 1.93 0.00	36.02 1.79 0.00	33.64 1.81 0.00	33.10 1.65 0.00	30.21 1.45 0.00	31.25 1.62 0.00	28.72 1.81 0.00	31.97 1.86 0.00	34.67 2.12 0.00	36.88 2.77 0.00	40.63 3.17 -2.42	37.23 3.19 0.00	37.55 3.26 0.00	38.91 3.35 0.00	41.82 3.53 0.20	42.92 3.55 1.57	60.61 4.83 0.00	72.00 3.93 -20.07	57.29 2.86 -11.97	38.74 2.16 -0.40	39.55 2.20 0.00	36.46 2.23 0.00	37.23 2.42 0.00
KEDC_GLWD_GT5 24220	43.41 2.44 0.00	39.07 1.93 0.00	36.02 1.79 0.00	33.64 1.81 0.00	33.10 1.65 0.00	30.21 1.45 0.00	31.25 1.62 0.00	28.72 1.81 0.00	31.97 1.86 0.00	34.67 2.12 0.00	36.88 2.77 0.00	40.63 3.17 -2.42	37.23 3.19 0.00	37.55 3.26 0.00	38.91 3.35 0.00	41.82 3.53 0.20	42.92 3.55 1.57	60.61 4.83 0.00	72.00 3.93 -20.07	57.29 2.86 -11.97	38.74 2.16 -0.40	39.55 2.20 0.00	36.46 2.23 0.00	37.23 2.42 0.00

KENSICO____ 23655	42.96 2.01 0.00	38.77 1.64 0.00	35.75 1.52 0.00	33.40 1.57 0.00	32.86 1.42 0.00	30.05 1.30 0.00	31.06 1.42 0.00	28.51 1.60 0.00	31.77 1.66 0.00	34.42 1.86 0.00	36.47 2.35 0.00	37.66 2.62 0.00	36.80 2.75 0.00	37.21 2.92 0.00	38.54 2.99 0.00	41.76 3.27 0.00	44.47 3.53 0.00	60.44 4.67 0.00	72.09 3.79 -20.30	57.62 2.88 -12.29	38.75 2.16 -0.42	39.32 1.98 0.00	36.19 1.96 0.00	36.92 2.11 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.13 2.17 0.00	38.87 1.73 0.00	35.77 1.54 0.00	33.37 1.54 0.00	32.84 1.40 0.00	30.04 1.29 0.00	31.04 1.40 0.00	28.49 1.58 0.00	31.75 1.64 0.00	34.36 1.81 0.00	36.40 2.28 0.00	37.46 2.42 0.00	36.68 2.63 0.00	37.17 2.88 0.00	38.43 2.88 0.00	41.75 3.26 0.00	44.60 3.66 0.00	60.88 5.10 0.00	58.37 4.06 -6.32	44.99 3.14 0.60	38.56 2.39 0.00	39.54 2.20 0.00	36.34 2.12 0.00	36.99 2.19 0.00
KIAC_JFK_GT1 23816	42.87 1.92 0.00	38.65 1.51 0.00	35.62 1.39 0.00	33.32 1.49 0.00	32.80 1.36 0.00	30.02 1.27 0.00	31.05 1.41 0.00	28.56 1.65 0.00	31.86 1.74 0.00	34.48 1.93 0.00	30.75 2.30 5.67	37.60 2.57 0.00	36.77 2.73 0.00	37.09 2.81 0.00	38.44 2.89 0.00	41.67 3.19 0.00	44.32 3.38 0.00	60.24 4.46 0.00	71.67 3.59 -20.09	57.10 2.66 -11.99	21.47 1.90 16.61	39.06 1.72 0.01	36.03 1.81 0.00	36.75 1.94 0.00
KIAC_JFK_GT2 23817	42.87 1.92 0.00	38.65 1.51 0.00	35.62 1.39 0.00	33.32 1.49 0.00	32.80 1.36 0.00	30.02 1.27 0.00	31.05 1.41 0.00	28.56 1.65 0.00	31.86 1.74 0.00	34.48 1.93 0.00	30.75 2.30 5.67	37.60 2.57 0.00	36.77 2.73 0.00	37.09 2.81 0.00	38.44 2.89 0.00	41.67 3.19 0.00	44.32 3.38 0.00	60.24 4.46 0.00	71.67 3.59 -20.09	57.10 2.66 -11.99	21.47 1.90 16.61	39.06 1.72 0.01	36.03 1.81 0.00	36.75 1.94 0.00
KIAC_JFK____ 323774	42.87 1.91 0.00	38.65 1.51 0.00	35.62 1.39 0.00	33.32 1.49 0.00	32.80 1.36 0.00	30.02 1.27 0.00	31.05 1.41 0.00	28.56 1.65 0.00	31.85 1.74 0.00	34.48 1.93 0.00	30.75 2.30 5.67	37.60 2.57 0.00	36.76 2.72 0.00	37.06 2.78 0.00	38.43 2.88 0.00	41.68 3.18 0.00	44.31 3.37 0.00	60.23 4.46 0.00	71.66 3.58 -20.09	57.10 2.65 -11.99	21.46 1.89 16.61	39.05 1.71 0.01	36.03 1.81 0.00	36.74 1.94 0.00
KINTIGH_24_KV_GSU 356498	38.74 -2.22 0.00	34.85 -2.29 0.00	29.59 -2.08 2.56	23.47 -1.84 6.52	26.04 -1.73 3.68	27.00 -1.75 0.00	27.67 -1.96 0.00	24.38 -1.63 0.90	20.12 -1.67 8.32	21.82 -1.98 8.76	22.85 -2.41 8.86	23.52 -2.69 8.88	22.57 -2.53 8.79	22.91 -2.53 8.84	24.21 -2.34 9.01	26.53 -2.62 9.34	28.23 -2.98 9.72	39.31 -3.93 12.53	33.14 -3.46 11.39	29.44 -2.98 10.03	25.56 -2.43 8.18	34.64 -2.50 0.22	31.33 -2.37 0.53	28.80 -2.24 3.77
KINTIGH____ 23543	38.71 -2.24 0.00	34.84 -2.30 0.00	29.56 -2.11 2.56	23.46 -1.86 6.52	26.01 -1.75 3.68	26.98 -1.77 0.00	27.66 -1.97 0.00	24.36 -1.65 0.90	20.09 -1.70 8.32	21.76 -2.04 8.76	22.78 -2.47 8.86	23.45 -2.71 8.88	22.48 -2.78 8.79	22.81 -2.63 8.84	24.11 -2.44 9.01	26.43 -2.72 9.34	28.11 -3.11 9.72	39.14 -4.11 12.53	32.97 -3.63 11.39	29.32 -3.11 10.03	25.51 -2.48 8.18	34.62 -2.52 0.22	31.31 -2.39 0.53	28.78 -2.25 3.77
KNTFSRNC_46_KV_46KV_LOAD 80397	41.22 0.26 0.00	37.30 0.17 0.00	34.19 -0.04 0.00	31.74 -0.09 0.00	31.34 -0.10 0.00	28.77 0.02 0.00	29.74 0.11 0.00	27.01 0.10 0.00	30.29 0.18 0.00	32.87 0.31 0.00	34.37 0.25 0.00	35.37 0.32 0.00	34.31 0.26 0.00	34.30 0.01 0.00	35.35 -0.21 0.00	38.11 -0.38 0.00	40.45 -0.49 0.00	55.37 -0.41 0.00	47.57 -0.43 0.00	42.04 -0.41 0.00	36.08 -0.10 0.00	37.38 0.03 0.00	33.79 -0.44 0.00	34.18 -0.63 0.00
LACHUTE____HYDRO 323717	45.78 4.79 -0.03	40.69 3.55 0.00	37.52 3.29 0.00	35.19 3.36 0.00	34.71 3.27 0.00	31.76 3.00 0.00	32.60 2.96 0.00	29.95 3.04 0.00	33.30 3.20 0.00	35.83 3.27 0.00	37.83 3.72 0.00	38.15 3.11 0.00	37.10 3.05 0.00	37.63 3.35 0.00	38.44 2.89 0.00	41.98 3.49 0.00	44.52 3.58 0.00	61.37 5.59 0.00	54.48 5.40 -1.08	49.84 4.76 -2.63	41.28 5.01 -0.10	42.60 5.25 0.00	38.85 4.63 0.00	39.27 4.47 0.00
LAWRNCV_115KV_TB1 80681	40.63 -0.33 0.00	36.79 -0.35 0.00	33.80 -0.42 0.00	31.42 -0.41 0.00	31.17 -0.27 0.00	28.55 -0.21 0.00	29.48 -0.15 0.00	26.67 -0.24 0.00	29.94 -0.17 0.00	32.46 -0.10 0.00	33.88 -0.24 0.00	34.86 -0.18 0.00	33.73 -0.32 0.00	33.83 -0.45 0.00	34.93 -0.62 0.00	37.66 -0.83 0.00	40.07 -0.87 0.00	54.69 -1.08 0.00	47.62 -0.38 0.00	42.16 -0.29 0.00	35.91 -0.27 0.00	37.12 -0.23 0.00	33.75 -0.48 0.00	34.21 -0.59 0.00
LEDERLE____ 23769	43.05 2.09 0.00	38.86 1.72 0.00	35.80 1.57 0.00	33.43 1.60 0.00	32.90 1.45 0.00	30.10 1.34 0.00	31.09 1.45 0.00	28.54 1.63 0.00	31.82 1.71 0.00	34.51 1.95 0.00	36.53 2.41 0.00	37.72 2.68 0.00	36.90 2.85 0.00	37.35 3.07 0.00	38.69 3.14 0.00	41.96 3.46 0.00	44.71 3.77 0.00	60.81 5.04 0.00	76.76 4.11 -24.66	63.82 3.15 -18.21	39.14 2.35 -0.62	39.47 2.12 0.00	36.28 2.06 0.00	37.00 2.20 0.00
LIGHTHSE_115KV_TB6 355974	40.33 -0.63 0.00	36.45 -0.69 0.00	33.74 -0.49 0.00	31.59 -0.24 0.00	31.22 -0.23 0.00	28.55 -0.20 0.00	29.39 -0.25 0.00	26.74 -0.17 0.00	29.85 -0.26 0.00	32.10 -0.46 0.00	33.27 -0.85 0.00	34.01 -1.03 0.00	32.90 -1.15 0.00	32.95 -1.33 0.00	34.27 -1.29 0.00	36.80 -1.69 0.00	39.17 -1.77 0.00	53.96 -2.13 -0.31	47.08 -1.15 -0.23	41.61 -0.89 -0.05	35.33 -0.84 0.00	36.40 -0.95 0.00	33.36 -0.86 0.00	33.92 -0.89 0.00
LINDEN COGEN____ 23786	42.89 1.93 0.00	38.68 1.54 0.00	35.63 1.40 0.00	33.34 1.51 0.00	32.80 1.36 0.00	30.02 1.27 0.00	31.03 1.40 0.00	28.53 1.62 0.00	31.82 1.71 0.00	34.44 1.88 0.00	36.51 2.39 0.00	37.70 2.66 0.00	36.86 2.81 0.00	37.28 3.00 0.00	38.64 3.09 0.00	41.89 3.40 0.00	44.58 3.64 0.00	60.58 4.81 0.00	71.95 3.87 -20.09	57.35 2.90 -11.99	38.69 2.11 -0.41	39.25 1.91 0.00	36.12 1.90 0.00	36.89 2.08 0.00
LINDHRST_69_KV_BK1 356055	44.10 3.14 0.00	39.58 2.44 0.00	36.47 2.24 0.00	34.06 2.23 0.00	33.50 2.05 0.00	30.48 1.72 0.00	31.58 1.95 0.00	29.04 2.13 0.00	32.21 2.10 0.00	34.96 2.40 0.00	37.18 3.06 0.00	40.44 3.61 -1.79	37.60 3.55 0.00	37.67 3.39 0.00	39.10 3.54 0.00	41.44 3.45 0.50	40.69 3.76 4.01	61.00 5.23 0.00	72.48 4.41 -20.07	57.56 3.14 -11.97	39.22 2.50 -0.54	39.75 2.40 0.00	36.85 2.62 0.00	37.67 2.87 0.00
LIPA_MISC_IPP 23656	43.71 2.75 0.00	39.27 2.13 0.00	36.23 2.00 0.00	33.92 2.09 0.00	33.39 1.94 0.00	30.37 1.61 0.00	31.50 1.86 0.00	28.94 2.03 0.00	31.98 1.87 0.00	34.60 2.04 0.00	36.59 2.47 0.00	39.66 3.03 -1.59	36.82 2.78 0.00	37.02 2.74 0.00	38.41 2.86 0.00	40.55 2.68 0.62	38.71 2.79 5.01	59.75 3.97 0.00	71.51 3.44 -20.07	56.81 2.38 -11.97	39.81 2.00 -1.64	40.64 2.02 -1.26	36.65 2.42 0.00	37.40 2.59 0.00

LISF___SOLAR 323691	43.79 2.83 0.00	39.33 2.19 0.00	36.30 2.07 0.00	33.97 2.14 0.00	33.44 2.00 0.00	30.42 1.67 0.00	31.55 1.92 0.00	28.98 2.07 0.00	32.03 1.92 0.00	34.63 2.07 0.00	36.61 2.49 0.00	39.68 3.05 -1.59	36.84 2.79 0.00	37.04 2.75 0.00	38.46 2.90 0.00	40.60 2.73 0.62	38.77 2.83 5.00	59.86 4.08 0.00	71.60 3.53 -20.07	56.91 2.48 -11.97	39.85 2.07 -1.60	40.70 2.13 -1.23	36.76 2.53 0.00	37.49 2.69 0.00
LITTLE FALLS___HYD 24013	42.24 1.29 0.00	38.22 1.08 0.00	35.24 1.02 0.00	32.97 1.14 0.00	32.53 1.09 0.00	29.66 0.90 0.00	30.39 0.75 0.00	27.70 0.79 0.00	30.50 0.39 0.00	32.92 0.36 0.00	34.89 0.77 0.00	36.09 1.04 0.00	34.81 0.76 0.00	34.69 0.41 0.00	36.06 0.51 0.00	39.03 0.55 0.00	41.50 0.56 0.00	56.66 0.88 0.00	49.19 1.19 0.00	43.36 0.91 0.00	37.15 0.98 0.00	38.60 1.25 0.00	35.48 1.25 0.00	36.01 1.20 0.00
LITTLRIV_115KV_TB1 356100	41.07 0.12 0.00	37.18 0.04 0.00	34.16 -0.07 0.00	31.74 -0.09 0.00	31.49 0.05 0.00	28.83 0.08 0.00	29.76 0.12 0.00	26.91 0.00 0.00	30.19 0.08 0.00	32.74 0.18 0.00	34.14 0.02 0.00	35.16 0.12 0.00	33.96 -0.09 0.00	34.14 -0.14 0.00	35.03 -0.52 0.00	37.85 -0.64 0.00	40.35 -0.59 0.00	54.78 -1.00 0.00	48.33 0.34 0.00	42.72 0.27 0.00	36.34 0.17 0.00	37.57 0.22 0.00	34.13 -0.10 0.00	34.55 -0.25 0.00
LI_NEWBRDGE___DRP 323616	43.19 2.23 0.00	38.82 1.68 0.00	35.80 1.58 0.00	33.46 1.63 0.00	32.91 1.46 0.00	29.97 1.22 0.00	31.04 1.41 0.00	28.52 1.61 0.00	31.65 1.54 0.00	34.33 1.77 0.00	36.52 2.40 0.00	39.39 2.84 -1.50	36.81 2.77 0.00	37.00 2.71 0.00	38.32 2.76 0.00	40.58 2.75 0.66	38.51 2.97 5.41	59.86 4.09 0.00	71.44 3.37 -20.07	56.72 2.30 -11.97	38.36 1.78 -0.40	38.99 1.64 0.00	36.15 1.92 0.00	36.96 2.16 0.00
LOCKPORT_115KV_TB60_63_64 80432	38.57 -2.39 0.00	34.61 -2.53 0.00	28.48 -2.20 3.55	20.94 -1.87 9.03	24.53 -1.83 5.09	26.77 -1.98 0.00	27.27 -2.36 0.00	23.73 -1.94 1.25	16.89 -1.71 11.52	18.30 -2.13 12.13	19.19 -2.66 12.27	19.78 -2.97 12.29	18.80 -3.08 12.17	19.22 -2.82 12.24	20.45 -2.63 12.47	22.61 -2.95 12.93	24.09 -3.38 13.46	34.44 -4.60 16.74	29.02 -3.93 15.05	25.47 -3.23 13.75	22.38 -2.48 11.32	34.27 -2.78 0.30	30.93 -2.58 0.72	27.35 -2.28 5.17
LOCKPORT___CC1 323769	38.55 -2.41 0.00	34.59 -2.55 0.00	28.22 -2.25 3.76	20.33 -1.92 9.58	24.18 -1.87 5.40	26.76 -1.99 0.00	27.28 -2.35 0.00	23.64 -1.94 1.32	16.15 -1.74 12.21	17.57 -2.12 12.87	18.45 -2.65 13.01	19.02 -2.98 13.04	18.09 -3.05 12.91	18.52 -2.78 12.98	19.72 -2.60 13.23	21.85 -2.92 13.71	23.33 -3.33 14.28	33.62 -4.48 17.67	28.26 -3.81 15.92	24.68 -3.19 14.58	21.66 -2.51 12.01	34.24 -2.80 0.31	30.85 -2.61 0.77	26.98 -2.34 5.48
LOCKPORT___CC2 323770	38.55 -2.41 0.00	34.59 -2.55 0.00	28.22 -2.25 3.76	20.33 -1.92 9.58	24.18 -1.87 5.40	26.76 -1.99 0.00	27.28 -2.35 0.00	23.64 -1.94 1.32	16.15 -1.74 12.21	17.57 -2.12 12.87	18.45 -2.65 13.01	19.02 -2.98 13.04	18.09 -3.05 12.91	18.52 -2.78 12.98	19.72 -2.60 13.23	21.85 -2.92 13.71	23.33 -3.33 14.28	33.62 -4.48 17.67	28.26 -3.81 15.92	24.68 -3.19 14.58	21.66 -2.51 12.01	34.24 -2.80 0.31	30.85 -2.61 0.77	26.98 -2.34 5.48
LOCKPORT___CC3 323771	38.55 -2.41 0.00	34.59 -2.55 0.00	28.22 -2.25 3.76	20.33 -1.92 9.58	24.18 -1.87 5.40	26.76 -1.99 0.00	27.28 -2.35 0.00	23.64 -1.94 1.32	16.15 -1.74 12.21	17.57 -2.12 12.87	18.45 -2.65 13.01	19.02 -2.98 13.04	18.09 -3.05 12.91	18.52 -2.78 12.98	19.72 -2.60 13.23	21.85 -2.92 13.71	23.33 -3.33 14.28	33.62 -4.48 17.67	28.26 -3.81 15.92	24.68 -3.19 14.58	21.66 -2.51 12.01	34.24 -2.80 0.31	30.85 -2.61 0.77	26.98 -2.34 5.48
LOCUSVLY_69_KV_BK2 55797	43.60 2.64 0.00	39.22 2.08 0.00	36.16 1.93 0.00	33.78 1.95 0.00	33.22 1.78 0.00	30.28 1.53 0.00	31.34 1.70 0.00	28.81 1.90 0.00	32.03 1.92 0.00	34.75 2.19 0.00	37.01 2.89 0.00	40.62 3.38 -2.20	37.36 3.32 0.00	37.61 3.33 0.00	38.98 3.42 0.00	41.73 3.54 0.30	42.24 3.75 2.45	60.90 5.12 0.00	72.26 4.20 -20.07	57.44 3.02 -11.97	38.65 2.22 -0.26	39.51 2.16 0.00	36.54 2.31 0.00	37.35 2.55 0.00
LONG_LAKE_PHOENIX 24014	39.76 -1.20 0.00	36.12 -1.02 0.00	33.37 -0.86 0.00	31.07 -0.76 0.00	30.69 -0.75 0.00	28.04 -0.72 0.00	28.87 -0.77 0.00	26.25 -0.66 0.00	29.32 -0.79 0.00	31.60 -0.95 0.00	32.96 -1.16 0.00	33.78 -1.27 0.00	32.75 -1.29 0.00	33.04 -1.24 0.00	34.33 -1.22 0.00	37.12 -1.37 0.00	39.51 -1.43 0.00	54.66 -1.99 -0.88	46.98 -1.67 -0.65	41.20 -1.40 -0.15	35.01 -1.17 0.00	36.12 -1.23 0.00	33.16 -1.07 0.00	33.75 -1.05 0.00
LOVETT___3 23632	42.73 1.77 0.00	38.59 1.45 0.00	35.56 1.33 0.00	33.21 1.38 0.00	32.69 1.25 0.00	29.90 1.15 0.00	30.89 1.25 0.00	28.35 1.44 0.00	31.59 1.49 0.00	34.24 1.68 0.00	36.24 2.12 0.00	37.43 2.39 0.00	36.60 2.55 0.00	37.01 2.72 0.00	38.33 2.78 0.00	41.53 3.04 0.00	44.24 3.30 0.00	60.15 4.37 0.00	74.49 3.57 -22.92	61.12 2.68 -15.98	38.72 2.00 -0.55	39.14 1.79 0.00	36.00 1.78 0.00	36.73 1.93 0.00
LOVETT___4 23642	42.73 1.77 0.00	38.59 1.45 0.00	35.56 1.33 0.00	33.21 1.38 0.00	32.69 1.25 0.00	29.90 1.15 0.00	30.89 1.25 0.00	28.35 1.44 0.00	31.59 1.49 0.00	34.24 1.68 0.00	36.24 2.12 0.00	37.43 2.39 0.00	36.60 2.55 0.00	37.01 2.72 0.00	38.33 2.78 0.00	41.53 3.04 0.00	44.24 3.30 0.00	60.15 4.37 0.00	74.49 3.57 -22.92	61.12 2.68 -15.98	38.72 2.00 -0.55	39.14 1.79 0.00	36.00 1.78 0.00	36.73 1.93 0.00
LOVETT___5 23593	42.73 1.77 0.00	38.59 1.45 0.00	35.56 1.33 0.00	33.21 1.38 0.00	32.69 1.25 0.00	29.90 1.15 0.00	30.89 1.25 0.00	28.35 1.44 0.00	31.59 1.49 0.00	34.24 1.68 0.00	36.24 2.12 0.00	37.43 2.39 0.00	36.60 2.55 0.00	37.01 2.72 0.00	38.33 2.78 0.00	41.53 3.04 0.00	44.24 3.30 0.00	60.15 4.37 0.00	74.49 3.57 -22.92	61.12 2.68 -15.98	38.72 2.00 -0.55	39.14 1.79 0.00	36.00 1.78 0.00	36.73 1.93 0.00
LOWER RAQUET___HYD 24057	40.54 -0.41 0.00	36.71 -0.43 0.00	33.73 -0.50 0.00	31.38 -0.45 0.00	31.14 -0.30 0.00	28.53 -0.23 0.00	29.46 -0.17 0.00	26.65 -0.26 0.00	29.91 -0.20 0.00	32.43 -0.13 0.00	33.82 -0.30 0.00	34.81 -0.23 0.00	33.66 -0.39 0.00	33.75 -0.54 0.00	34.83 -0.73 0.00	37.54 -0.95 0.00	39.94 -1.00 0.00	54.54 -1.23 0.00	47.59 -0.40 0.00	42.12 -0.33 0.00	35.86 -0.32 0.00	37.07 -0.28 0.00	33.70 -0.53 0.00	34.14 -0.66 0.00
LOWER___HUDSON 24059	42.58 1.57 -0.05	38.62 1.48 0.00	35.69 1.46 0.00	33.32 1.49 0.00	32.83 1.39 0.00	29.93 1.18 0.00	30.73 1.10 0.00	27.99 1.09 0.00	31.15 1.05 0.00	33.65 1.09 0.00	35.38 1.26 0.00	36.31 1.27 0.00	35.36 1.32 0.00	35.57 1.29 0.00	36.83 1.28 0.00	40.04 1.55 0.00	42.63 1.70 0.00	57.74 1.96 0.00	50.98 1.74 -1.24	47.02 1.75 -2.81	37.83 1.55 -0.10	39.03 1.69 0.00	35.73 1.50 0.00	36.25 1.45 0.00

LOWVILLE_115KV_TB2 356335	41.21 0.25 0.00	36.95 -0.18 0.00	34.27 0.04 0.00	32.38 0.55 0.00	32.06 0.61 0.00	29.39 0.64 0.00	30.25 0.62 0.00	27.48 0.57 0.00	30.58 0.47 0.00	32.80 0.24 0.00	33.59 -0.53 0.00	34.22 -0.82 0.00	33.03 -1.01 0.00	32.87 -1.41 0.00	34.09 -1.47 0.00	36.66 -1.83 0.00	38.91 -2.02 0.00	54.70 -1.08 0.00	48.16 0.17 0.00	42.31 -0.14 0.00	35.54 -0.64 0.00	36.56 -0.79 0.00	33.39 -0.84 0.00	33.93 -0.88 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	43.21 2.22 -0.03	39.09 1.95 0.00	36.08 1.84 0.00	33.66 1.83 0.00	33.19 1.75 0.00	30.28 1.53 0.00	31.12 1.49 0.00	28.35 1.45 0.00	31.58 1.47 0.00	34.08 1.52 0.00	35.86 1.74 0.00	36.82 1.78 0.00	35.77 1.72 0.00	35.92 1.64 0.00	37.19 1.64 0.00	40.43 1.94 0.00	43.15 2.21 0.00	58.72 2.94 0.00	51.81 2.72 -1.10	47.67 2.58 -2.64	38.53 2.26 -0.10	39.73 2.38 0.00	36.33 2.10 0.00	36.86 2.06 0.00
LUTHERNY_35_KV_BK2 355980	43.24 2.25 -0.03	39.12 1.97 0.00	36.08 1.85 0.00	33.66 1.83 0.00	33.20 1.76 0.00	30.30 1.54 0.00	31.14 1.50 0.00	28.36 1.45 0.00	31.58 1.47 0.00	34.09 1.54 0.00	35.87 1.75 0.00	36.84 1.80 0.00	35.79 1.74 0.00	35.96 1.68 0.00	37.22 1.67 0.00	40.46 1.97 0.00	43.18 2.24 0.00	58.77 2.99 0.00	51.86 2.77 -1.10	47.71 2.62 -2.64	38.57 2.30 -0.10	39.79 2.44 0.00	36.36 2.13 0.00	36.93 2.13 0.00
LWR___OSWEGATCHIE_HYD 23850	40.73 -0.23 0.00	36.70 -0.44 0.00	33.88 -0.35 0.00	31.77 -0.06 0.00	31.48 0.04 0.00	28.85 0.10 0.00	29.74 0.10 0.00	26.97 0.06 0.00	30.14 0.03 0.00	32.51 -0.05 0.00	33.60 -0.52 0.00	34.42 -0.63 0.00	33.26 -0.79 0.00	33.18 -1.10 0.00	34.35 -1.20 0.00	36.86 -1.63 0.00	39.21 -1.73 0.00	54.22 -1.56 0.00	47.62 -0.38 0.00	42.06 -0.39 0.00	35.63 -0.54 0.00	36.75 -0.60 0.00	33.47 -0.76 0.00	33.94 -0.86 0.00
LYONS_FALL_HYD 23570	41.44 0.49 0.00	37.32 0.18 0.00	34.52 0.29 0.00	32.43 0.60 0.00	32.07 0.62 0.00	29.37 0.62 0.00	30.25 0.62 0.00	27.48 0.58 0.00	30.63 0.53 0.00	32.98 0.42 0.00	34.07 -0.05 0.00	34.78 -0.27 0.00	33.63 -0.42 0.00	33.58 -0.71 0.00	34.84 -0.72 0.00	37.58 -0.91 0.00	39.91 -1.03 0.00	55.51 -0.27 0.00	48.43 0.44 0.00	42.68 0.22 0.00	36.08 -0.09 0.00	37.17 -0.18 0.00	33.97 -0.26 0.00	34.50 -0.30 0.00
MADISON___COUNTY_LFGE 323628	41.84 0.88 0.00	37.86 0.72 0.00	34.92 0.69 0.00	32.54 0.71 0.00	32.13 0.68 0.00	29.39 0.63 0.00	30.25 0.61 0.00	27.52 0.61 0.00	30.74 0.63 0.00	33.24 0.68 0.00	34.66 0.54 0.00	35.40 0.36 0.00	34.30 0.25 0.00	34.42 0.13 0.00	35.75 0.20 0.00	38.69 0.21 0.00	41.21 0.28 0.00	56.32 0.80 0.26	48.52 0.72 0.19	43.12 0.71 0.04	36.88 0.71 0.00	38.04 0.69 0.00	34.83 0.60 0.00	35.34 0.53 0.00
MALONE___115KV_TB1 356076	40.97 0.01 0.00	37.07 -0.07 0.00	33.96 -0.26 0.00	31.54 -0.29 0.00	31.19 -0.25 0.00	28.64 -0.12 0.00	29.63 0.00 0.00	26.88 -0.03 0.00	30.17 0.06 0.00	32.71 0.15 0.00	34.20 0.08 0.00	35.26 0.22 0.00	34.14 0.09 0.00	34.15 -0.14 0.00	35.17 -0.38 0.00	37.83 -0.66 0.00	40.21 -0.72 0.00	55.04 -0.74 0.00	47.51 -0.48 0.00	41.99 -0.46 0.00	35.96 -0.21 0.00	37.20 -0.15 0.00	33.69 -0.54 0.00	34.07 -0.74 0.00
MAPLEWOD_115KV_TB3 80458	42.35 1.33 -0.06	38.45 1.31 0.00	35.61 1.38 0.00	33.22 1.39 0.00	32.74 1.29 0.00	29.86 1.11 0.00	30.68 1.04 0.00	27.90 0.99 0.00	31.02 0.92 0.00	33.54 0.97 0.00	35.31 1.19 0.00	36.28 1.24 0.00	35.33 1.28 0.00	35.53 1.24 0.00	36.87 1.31 0.00	40.10 1.61 0.00	42.73 1.80 0.00	57.90 2.12 0.00	51.11 1.85 -1.26	47.08 1.75 -2.87	37.81 1.53 -0.11	38.94 1.59 0.00	35.64 1.41 0.00	36.17 1.37 0.00
MAPLE_RIDGE_WT_1 323574	40.70 -0.26 0.00	36.79 -0.35 0.00	33.94 -0.29 0.00	31.66 -0.17 0.00	31.28 -0.17 0.00	28.65 -0.10 0.00	29.55 -0.08 0.00	26.82 -0.08 0.00	29.97 -0.14 0.00	32.14 -0.41 0.00	33.52 -0.60 0.00	34.37 -0.67 0.00	33.35 -0.70 0.00	33.50 -0.78 0.00	34.75 -0.80 0.00	37.50 -0.98 0.00	39.76 -1.17 0.00	54.62 -1.16 0.00	47.14 -0.86 0.00	41.42 -1.03 0.00	35.25 -0.92 0.00	36.45 -0.90 0.00	33.47 -0.76 0.00	34.09 -0.72 0.00
MAPLE_RIDGE_WT_2 323611	40.70 -0.26 0.00	36.79 -0.35 0.00	33.94 -0.29 0.00	31.66 -0.17 0.00	31.28 -0.17 0.00	28.65 -0.10 0.00	29.55 -0.08 0.00	26.82 -0.08 0.00	29.97 -0.14 0.00	32.14 -0.41 0.00	33.52 -0.60 0.00	34.37 -0.67 0.00	33.35 -0.70 0.00	33.50 -0.78 0.00	34.75 -0.80 0.00	37.50 -0.98 0.00	39.76 -1.17 0.00	54.62 -1.16 0.00	47.14 -0.86 0.00	41.42 -1.03 0.00	35.25 -0.92 0.00	36.45 -0.90 0.00	33.47 -0.76 0.00	34.09 -0.72 0.00
MARBLE_RIVER_WT_PWR 323696	40.74 -0.22 0.00	36.89 -0.25 0.00	33.79 -0.44 0.00	31.33 -0.49 0.00	30.98 -0.47 0.00	28.44 -0.31 0.00	29.42 -0.21 0.00	26.67 -0.24 0.00	29.92 -0.19 0.00	32.44 -0.12 0.00	33.94 -0.18 0.00	34.96 -0.08 0.00	33.89 -0.16 0.00	33.90 -0.38 0.00	34.95 -0.61 0.00	37.68 -0.80 0.00	40.03 -0.90 0.00	54.77 -1.00 0.00	47.15 -0.85 0.00	41.50 -0.95 0.00	35.55 -0.62 0.00	36.84 -0.51 0.00	33.38 -0.85 0.00	33.78 -1.03 0.00
MARSHVLE_115KV_TB1 80742	42.65 1.68 -0.02	38.49 1.36 0.00	35.35 1.12 0.00	32.94 1.11 0.00	32.56 1.11 0.00	29.80 1.05 0.00	30.70 1.07 0.00	27.83 0.92 0.00	30.97 0.86 0.00	33.43 0.87 0.00	34.94 0.82 0.00	35.97 0.92 0.00	34.64 0.60 0.00	34.57 0.29 0.00	35.87 0.32 0.00	38.76 0.28 0.00	41.03 0.09 0.00	56.49 0.71 0.00	48.53 1.22 0.69	43.58 1.16 0.03	37.33 1.16 0.00	38.53 1.18 0.00	35.37 1.14 0.00	35.99 1.19 0.00
MARSH_HILL_WT_PWR 323713	40.01 -0.95 0.00	34.95 -2.19 0.00	50.10 -2.53 -18.40	76.31 -2.36 -46.84	55.60 -2.25 -26.40	26.97 -1.79 -0.01	27.82 -1.82 0.00	31.82 -1.55 -6.46	87.76 -2.11 -59.76	93.29 -2.22 -62.95	94.62 -3.17 -63.67	94.57 -4.27 -63.79	92.98 -4.21 -63.14	93.85 -3.94 -63.50	96.70 -3.57 -64.72	101.77 -3.81 -67.09	107.20 -3.60 -69.86	130.46 -5.22 -79.90	118.31 -4.37 -74.68	109.57 -3.26 -70.37	92.96 -2.00 -58.78	37.17 -1.72 -1.54	36.30 -1.62 -3.69	59.10 -1.61 -25.91
MCINTYRE_115KV_TB2 80467	41.52 0.56 0.00	37.59 0.45 0.00	34.51 0.29 0.00	32.04 0.21 0.00	31.76 0.32 0.00	29.06 0.31 0.00	30.00 0.36 0.00	27.10 0.19 0.00	30.41 0.30 0.00	32.98 0.42 0.00	34.41 0.29 0.00	35.46 0.42 0.00	34.21 0.17 0.00	34.31 0.03 0.00	35.24 -0.31 0.00	38.14 -0.35 0.00	40.51 -0.43 0.00	55.00 -0.78 0.00	48.54 0.54 0.00	43.17 0.72 0.00	36.71 0.54 0.00	37.96 0.61 0.00	34.48 0.25 0.00	34.91 0.10 0.00
MECO____69_KV_BK1 80468	43.29 2.31 -0.02	39.09 1.95 0.00	35.94 1.72 0.00	33.49 1.66 0.00	33.07 1.62 0.00	30.23 1.48 0.00	31.13 1.49 0.00	28.25 1.34 0.00	31.29 1.18 0.00	33.75 1.19 0.00	35.53 1.41 0.00	36.61 1.57 0.00	35.25 1.20 0.00	34.75 0.47 0.00	36.20 0.64 0.00	39.33 0.84 0.00	41.83 0.90 0.00	57.45 1.67 0.00	51.19 2.37 -0.82	46.65 2.13 -2.07	38.34 2.09 -0.08	39.53 2.19 0.00	36.21 1.98 0.00	36.73 1.92 0.00

MENANDS__115KV_TB5 355628	42.14 1.13 -0.05	38.30 1.17 0.00	35.49 1.26 0.00	33.13 1.29 0.00	32.64 1.20 0.00	29.77 1.02 0.00	30.59 0.96 0.00	27.83 0.92 0.00	30.92 0.81 0.00	33.41 0.86 0.00	35.19 1.07 0.00	36.15 1.10 0.00	35.21 1.16 0.00	35.43 1.15 0.00	36.74 1.18 0.00	39.97 1.49 0.00	42.57 1.64 0.00	57.64 1.86 0.00	50.86 1.59 -1.27	46.86 1.53 -2.88	37.62 1.34 -0.11	38.74 1.39 0.00	35.47 1.24 0.00	36.01 1.20 0.00
MG INDUSTRY__DRP 24185	41.19 0.29 0.05	38.05 0.91 0.00	35.26 1.03 0.00	32.91 1.08 0.00	32.44 0.99 0.00	29.61 0.86 0.00	30.45 0.81 0.00	27.67 0.76 0.00	30.73 0.62 0.00	33.14 0.58 0.00	34.89 0.78 0.00	35.86 0.81 0.00	34.89 0.85 0.00	35.07 0.78 0.00	36.31 0.76 0.00	39.46 0.97 0.00	42.03 1.09 0.00	57.11 1.33 0.00	50.72 1.17 -1.55	46.43 1.14 -2.85	37.33 1.04 -0.11	38.42 1.07 0.00	35.23 1.00 0.00	35.82 1.02 0.00
MID__OSWEGATCHIE_HYD 23849	40.73 -0.23 0.00	36.70 -0.44 0.00	33.88 -0.35 0.00	31.77 -0.06 0.00	31.48 0.04 0.00	28.85 0.10 0.00	29.74 0.10 0.00	26.97 0.06 0.00	30.14 0.03 0.00	32.51 -0.05 0.00	33.60 -0.52 0.00	34.42 -0.63 0.00	33.26 -0.79 0.00	33.18 -1.10 0.00	34.35 -1.20 0.00	36.86 -1.63 0.00	39.21 -1.73 0.00	54.22 -1.56 0.00	47.62 -0.38 0.00	42.06 -0.39 0.00	35.63 -0.54 0.00	36.75 -0.60 0.00	33.47 -0.76 0.00	33.94 -0.86 0.00
MID__RAQUETTE_HYD 23851	40.54 -0.41 0.00	36.71 -0.43 0.00	33.73 -0.50 0.00	31.38 -0.45 0.00	31.14 -0.30 0.00	28.53 -0.23 0.00	29.46 -0.17 0.00	26.65 -0.26 0.00	29.91 -0.20 0.00	32.43 -0.13 0.00	33.82 -0.30 0.00	34.81 -0.23 0.00	33.66 -0.39 0.00	33.76 -0.53 0.00	34.83 -0.73 0.00	37.54 -0.95 0.00	39.94 -1.00 0.00	54.55 -1.22 0.00	47.59 -0.40 0.00	42.12 -0.33 0.00	35.86 -0.31 0.00	37.06 -0.28 0.00	33.70 -0.53 0.00	34.14 -0.67 0.00
MILLIKEN__1 23584	41.29 0.34 0.00	37.40 0.26 0.00	36.03 0.26 -1.54	36.05 0.30 -3.92	33.89 0.23 -2.21	28.92 0.17 0.00	29.81 0.17 0.00	27.68 0.23 -0.54	35.33 0.22 -5.00	38.06 0.22 -5.27	39.47 0.02 -5.33	39.96 -0.43 -5.34	38.92 -0.41 -5.29	39.27 -0.33 -5.32	40.75 -0.22 -5.42	43.73 -0.38 -5.62	46.70 -0.09 -5.85	62.46 0.15 -6.53	54.54 0.07 -6.48	48.63 0.29 -5.89	41.52 0.42 -4.92	37.81 0.33 -0.13	34.87 0.33 -0.31	37.32 0.32 -2.19
MILLIKEN__2 23585	41.29 0.34 0.00	37.40 0.26 0.00	36.03 0.26 -1.54	36.05 0.30 -3.92	33.89 0.23 -2.21	28.92 0.17 0.00	29.81 0.17 0.00	27.68 0.23 -0.54	35.33 0.22 -5.00	38.06 0.22 -5.27	39.47 0.02 -5.33	39.96 -0.43 -5.34	38.92 -0.41 -5.29	39.27 -0.33 -5.32	40.75 -0.22 -5.42	43.73 -0.38 -5.62	46.70 -0.09 -5.85	62.46 0.15 -6.53	54.54 0.07 -6.48	48.63 0.29 -5.89	41.52 0.42 -4.92	37.81 0.33 -0.13	34.87 0.33 -0.31	37.32 0.32 -2.19
MILLIKEN__DIESEL 23629	41.29 0.34 0.00	37.40 0.26 0.00	36.03 0.26 -1.54	36.05 0.30 -3.92	33.89 0.23 -2.21	28.92 0.17 0.00	29.81 0.17 0.00	27.68 0.23 -0.54	35.33 0.22 -5.00	38.06 0.22 -5.27	39.47 0.02 -5.33	39.96 -0.43 -5.34	38.92 -0.41 -5.29	39.27 -0.33 -5.32	40.75 -0.22 -5.42	43.73 -0.38 -5.62	46.70 -0.09 -5.85	62.46 0.15 -6.53	54.54 0.07 -6.48	48.63 0.29 -5.89	41.52 0.42 -4.92	37.81 0.33 -0.13	34.87 0.33 -0.31	37.32 0.32 -2.19
MILLSEAT__LFGE 323607	39.47 -1.48 0.00	35.42 -1.72 0.00	29.73 -1.49 3.01	22.95 -1.23 7.65	25.93 -1.20 4.31	27.39 -1.36 0.00	27.95 -1.68 0.00	24.54 -1.31 1.06	19.28 -1.06 9.76	20.64 -1.64 10.28	21.47 -2.24 10.40	22.15 -2.47 10.42	21.15 -2.58 10.32	21.63 -2.28 10.37	22.91 -2.07 10.57	25.26 -2.27 10.96	26.96 -2.56 11.41	37.87 -3.52 14.39	32.30 -2.81 12.88	28.66 -2.09 11.69	25.05 -1.53 9.60	35.30 -1.79 0.25	31.88 -1.73 0.61	28.87 -1.54 4.40
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.87 1.92 0.00	38.70 1.56 0.00	35.68 1.45 0.00	33.33 1.50 0.00	32.80 1.35 0.00	30.00 1.24 0.00	30.99 1.36 0.00	28.44 1.53 0.00	31.70 1.59 0.00	34.34 1.78 0.00	36.37 2.25 0.00	37.56 2.52 0.00	36.70 2.65 0.00	37.11 2.83 0.00	38.44 2.88 0.00	41.64 3.15 0.00	44.34 3.40 0.00	60.30 4.52 0.00	72.27 3.67 -20.60	57.97 2.79 -12.73	38.70 2.10 -0.43	39.25 1.90 0.00	36.12 1.89 0.00	36.84 2.03 0.00
MILLWOOD_13_KV_LOAD 356217	42.97 2.01 0.00	38.79 1.65 0.00	35.76 1.53 0.00	33.39 1.56 0.00	32.86 1.42 0.00	30.05 1.30 0.00	31.05 1.41 0.00	28.50 1.59 0.00	31.76 1.65 0.00	34.42 1.86 0.00	36.45 2.33 0.00	37.65 2.61 0.00	36.78 2.74 0.00	37.20 2.92 0.00	38.53 2.98 0.00	41.76 3.27 0.00	44.47 3.53 0.00	60.50 4.72 0.00	72.44 3.84 -20.60	58.11 2.92 -12.73	38.82 2.21 -0.43	39.36 2.01 0.00	36.21 1.99 0.00	36.93 2.12 0.00
MODEL_CITY_ENERGY 24167	38.16 -2.80 0.00	34.26 -2.88 0.00	28.03 -2.47 3.73	20.24 -2.09 9.50	24.02 -2.07 5.35	26.51 -2.24 0.00	26.97 -2.67 0.00	23.38 -2.22 1.31	16.08 -1.91 12.12	17.51 -2.28 12.76	18.39 -2.81 12.91	18.97 -3.14 12.93	18.05 -3.19 12.80	18.44 -2.96 12.88	19.67 -2.77 13.12	21.78 -3.11 13.60	23.24 -3.53 14.16	33.38 -4.86 17.54	28.08 -4.13 15.79	24.51 -3.48 14.46	21.50 -2.76 11.91	33.83 -3.21 0.31	30.54 -2.93 0.76	26.76 -2.60 5.44
MODERN_LFGE__ 323580	38.16 -2.80 0.00	34.26 -2.88 0.00	28.03 -2.47 3.73	20.24 -2.09 9.50	24.02 -2.07 5.35	26.51 -2.24 0.00	26.97 -2.67 0.00	23.38 -2.22 1.31	16.08 -1.91 12.12	17.51 -2.28 12.76	18.39 -2.81 12.91	18.97 -3.14 12.93	18.05 -3.19 12.80	18.44 -2.96 12.88	19.67 -2.77 13.12	21.78 -3.11 13.60	23.24 -3.53 14.16	33.38 -4.86 17.54	28.08 -4.13 15.79	24.51 -3.48 14.46	21.50 -2.76 11.91	33.83 -3.21 0.31	30.54 -2.93 0.76	26.76 -2.60 5.44
MOHAWK_PAPER__DRP 24187	42.35 1.33 -0.06	38.45 1.31 0.00	35.61 1.38 0.00	33.22 1.39 0.00	32.74 1.29 0.00	29.86 1.11 0.00	30.68 1.04 0.00	27.90 0.99 0.00	31.02 0.92 0.00	33.54 0.97 0.00	35.31 1.19 0.00	36.28 1.24 0.00	35.33 1.28 0.00	35.53 1.24 0.00	36.87 1.31 0.00	40.10 1.61 0.00	42.73 1.80 0.00	57.90 2.12 0.00	51.11 1.85 -1.26	47.08 1.75 -2.87	37.81 1.53 -0.11	38.94 1.59 0.00	35.64 1.41 0.00	36.17 1.37 0.00
MOHICAN__35_KV_115KV_LD 80490	44.01 3.02 -0.03	39.63 2.49 0.00	36.56 2.33 0.00	34.12 2.29 0.00	33.65 2.20 0.00	30.72 1.96 0.00	31.55 1.91 0.00	28.79 1.88 0.00	32.06 1.95 0.00	34.53 1.97 0.00	36.36 2.24 0.00	37.23 2.19 0.00	36.13 2.08 0.00	36.30 2.01 0.00	37.38 1.82 0.00	40.72 2.23 0.00	43.55 2.61 0.00	59.48 3.70 0.00	52.68 3.59 -1.09	48.54 3.46 -2.63	39.42 3.15 -0.10	40.66 3.31 0.00	37.13 2.91 0.00	37.61 2.80 0.00
MONGAUP__HYD 23641	42.96 2.00 0.00	38.79 1.65 0.00	35.72 1.50 0.00	33.32 1.49 0.00	32.80 1.35 0.00	30.00 1.24 0.00	30.96 1.32 0.00	28.34 1.43 0.00	31.46 1.35 0.00	33.81 1.25 0.00	35.86 1.74 0.00	36.78 1.74 0.00	35.91 1.86 0.00	36.35 2.07 0.00	37.58 2.03 0.00	40.75 2.27 0.00	43.52 2.58 0.00	59.59 3.81 0.00	22.80 3.29 28.49	-0.41 2.60 45.47	36.68 2.12 1.61	39.44 2.10 0.00	36.23 2.00 0.00	36.88 2.07 0.00

MONTAUK___DIESEL 23721	43.46 2.51 0.00	38.91 1.77 0.00	35.99 1.76 0.00	34.18 2.35 0.00	33.93 2.49 0.00	31.02 2.27 0.00	32.17 2.53 0.00	29.56 2.66 0.00	32.67 2.56 0.00	35.37 2.81 0.00	37.32 3.20 0.00	40.42 3.79 -1.59	37.14 3.09 0.00	37.23 2.95 0.00	38.42 2.87 0.00	40.63 2.76 0.62	38.82 2.89 5.01	60.11 4.33 0.00	71.88 3.81 -20.07	56.96 2.54 -11.97	39.78 1.98 -1.63	40.55 1.95 -1.25	36.50 2.27 0.00	37.55 2.74 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.38 -2.58 0.00	34.12 -3.02 0.00	26.96 -2.60 4.66	17.80 -2.15 11.87	22.96 -1.79 6.69	26.83 -1.93 0.00	27.55 -2.09 0.00	23.61 -1.66 1.64	12.98 -1.98 15.15	14.43 -2.18 15.95	15.28 -2.70 16.14	15.51 -3.37 16.17	14.47 -3.57 16.00	14.78 -3.40 16.09	15.96 -3.19 16.40	18.29 -3.20 17.01	20.15 -3.08 17.71	30.73 -3.54 21.51	25.50 -3.08 19.42	22.12 -2.36 17.97	19.78 -1.54 14.85	35.34 -1.62 0.39	31.57 -1.71 0.95	26.34 -1.66 6.81
MORRIS_RIDGE___SOLAR 323848	39.67 -1.29 0.00	35.05 -2.08 0.00	13.63 -2.20 18.40	-17.03 -2.03 46.84	3.11 -1.94 26.40	27.06 -1.68 0.01	27.86 -1.78 0.00	18.92 -1.52 6.46	-31.43 -1.79 59.75	-32.37 -1.99 62.94	-32.27 -2.73 63.66	-32.19 -3.45 63.78	-32.41 -3.33 63.13	-32.36 -3.15 63.49	-32.13 -2.98 64.71	-31.77 -3.18 67.09	-32.00 -3.09 69.85	-29.82 -4.15 81.44	-30.63 -3.54 75.08	-30.91 -2.80 70.56	-24.48 -1.90 58.75	33.97 -1.84 1.54	28.80 -1.73 3.70	7.03 -1.69 26.08
MORTIMER_115KV_TB3 55949	39.87 -1.09 0.00	35.95 -1.19 0.00	32.34 -1.11 0.77	28.87 -0.99 1.97	29.41 -0.92 1.11	27.79 -0.96 0.00	28.54 -1.09 0.00	25.79 -0.85 0.27	26.71 -0.88 2.52	28.67 -1.24 2.65	29.90 -1.53 2.68	30.69 -1.66 2.69	29.67 -1.72 2.66	30.01 -1.60 2.67	31.49 -1.34 2.73	34.17 -1.49 2.83	36.25 -1.75 2.94	48.89 -2.20 4.69	41.98 -1.90 4.12	37.72 -1.55 3.18	32.46 -1.24 2.47	36.03 -1.25 0.06	32.81 -1.25 0.16	32.41 -1.20 1.20
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.09 2.13 0.00	38.86 1.73 0.00	35.83 1.60 0.00	33.50 1.67 0.00	32.96 1.52 0.00	30.16 1.41 0.00	31.18 1.54 0.00	28.65 1.74 0.00	31.95 1.84 0.00	34.59 2.03 0.00	36.66 2.54 0.00	37.88 2.83 0.00	37.01 2.97 0.00	37.43 3.15 0.00	38.78 3.23 0.00	42.03 3.54 0.00	44.72 3.79 0.00	60.78 5.00 0.00	72.12 4.04 -20.08	57.50 3.06 -11.98	38.86 2.28 -0.41	39.44 2.09 0.00	36.31 2.08 0.00	37.05 2.25 0.00
MUNSVILLE_WIND_PWR 323609	43.17 2.22 0.00	39.10 1.96 0.00	37.17 1.87 -1.07	36.30 1.75 -2.72	34.58 1.60 -1.53	29.90 1.14 0.00	31.04 1.40 0.00	28.58 1.30 -0.37	34.97 1.40 -3.47	37.89 1.68 -3.65	39.41 1.60 -3.69	39.49 0.74 -3.70	37.85 0.14 -3.66	38.21 0.25 -3.68	39.30 -0.01 -3.75	42.20 -0.18 -3.89	45.12 0.13 -4.05	61.60 1.38 -4.44	53.92 1.18 -4.75	47.92 1.39 -4.08	41.37 1.79 -3.41	39.07 1.63 -0.09	35.93 1.49 -0.22	38.03 1.63 -1.60
N SALMON___HYD 24042	40.97 0.01 0.00	37.08 -0.06 0.00	33.96 -0.26 0.00	31.54 -0.30 0.00	31.19 -0.25 0.00	28.64 -0.12 0.00	29.63 0.00 0.00	26.88 -0.03 0.00	30.17 0.06 0.00	32.71 0.15 0.00	34.20 0.08 0.00	35.27 0.22 0.00	34.14 0.10 0.00	34.14 -0.14 0.00	35.17 -0.38 0.00	37.83 -0.66 0.00	40.21 -0.73 0.00	55.03 -0.75 0.00	47.51 -0.48 0.00	41.99 -0.46 0.00	35.96 -0.21 0.00	37.20 -0.15 0.00	33.69 -0.54 0.00	34.07 -0.74 0.00
N.AKRON__115KV_KNAPP 355671	39.26 -1.70 0.00	35.23 -1.91 0.00	29.35 -1.66 3.22	22.25 -1.38 8.19	25.48 -1.34 4.62	27.24 -1.51 0.00	27.79 -1.84 0.00	24.32 -1.46 1.13	18.43 -1.22 10.46	19.79 -1.75 11.01	20.65 -2.33 11.14	21.26 -2.61 11.16	20.29 -2.71 11.05	20.99 -2.18 11.11	22.02 -2.21 11.32	24.28 -2.47 11.74	25.86 -2.85 12.22	36.59 -3.87 15.32	31.06 -3.19 13.74	27.49 -2.45 12.51	24.11 -1.79 10.28	35.04 -2.04 0.27	31.63 -1.94 0.66	28.38 -1.72 4.71
N.BELMOR_69_KV_BK1 55787	43.57 2.62 0.00	39.15 2.01 0.00	36.10 1.87 0.00	33.71 1.88 0.00	33.16 1.71 0.00	30.20 1.45 0.00	31.28 1.64 0.00	28.75 1.85 0.00	31.94 1.83 0.00	34.64 2.08 0.00	36.87 2.76 0.00	40.36 3.24 -2.08	37.22 3.17 0.00	37.46 3.18 0.00	38.83 3.27 0.00	41.45 3.29 0.33	41.85 3.54 2.62	60.67 4.90 0.00	72.15 4.08 -20.07	57.30 2.88 -11.97	38.84 2.26 -0.40	39.44 2.09 0.00	36.49 2.26 0.00	37.28 2.47 0.00
N.E_GEN_SANDY PD 24062	42.51 1.52 -0.03	40.94 1.45 -2.36	35.96 1.43 -0.30	33.64 1.50 -0.31	32.97 1.36 -0.17	29.91 1.16 0.00	30.73 1.09 0.00	28.07 1.16 0.00	31.22 1.11 0.00	33.75 1.20 0.00	35.57 1.45 0.00	36.53 1.49 0.00	35.64 1.59 0.00	35.94 1.65 0.00	37.18 1.63 0.00	40.36 1.87 0.00	42.92 1.99 0.00	57.99 2.21 0.00	56.67 1.78 -6.90	47.67 1.71 -3.50	37.84 1.49 -0.18	45.51 1.59 -6.56	35.72 1.49 0.00	36.27 1.47 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.87 1.91 0.00	38.70 1.56 0.00	35.66 1.43 0.00	33.30 1.47 0.00	32.77 1.33 0.00	29.98 1.23 0.00	30.97 1.33 0.00	28.42 1.51 0.00	31.68 1.57 0.00	34.35 1.79 0.00	36.36 2.24 0.00	37.55 2.51 0.00	36.71 2.67 0.00	37.17 2.88 0.00	38.49 2.94 0.00	41.73 3.24 0.00	44.47 3.53 0.00	60.48 4.70 0.00	75.80 3.82 -23.98	62.68 2.89 -17.34	38.91 2.14 -0.59	39.28 1.93 0.00	36.12 1.89 0.00	36.83 2.03 0.00
N.QUEENS_27_KV_LOAD 356247	43.16 2.20 0.00	38.95 1.81 0.00	35.95 1.72 0.00	33.66 1.83 0.00	33.06 1.62 0.00	30.27 1.52 0.00	31.29 1.65 0.00	28.76 1.85 0.00	32.10 1.99 0.00	34.68 2.12 0.00	36.76 2.65 0.00	38.03 2.99 0.00	37.14 3.09 0.00	37.55 3.27 0.00	38.94 3.39 0.00	42.17 3.68 0.00	44.82 3.88 0.00	60.81 5.03 0.00	72.21 4.13 -20.08	57.56 3.12 -11.99	38.88 2.30 -0.41	39.44 2.09 0.00	36.35 2.12 0.00	37.16 2.35 0.00
N.TROY___115KV_TB1 355778	42.58 1.57 -0.05	38.62 1.48 0.00	35.69 1.46 0.00	33.32 1.49 0.00	32.84 1.39 0.00	29.93 1.18 0.00	30.74 1.10 0.00	28.00 1.09 0.00	31.16 1.05 0.00	33.65 1.09 0.00	35.38 1.26 0.00	36.32 1.27 0.00	35.36 1.32 0.00	35.57 1.29 0.00	36.84 1.28 0.00	40.03 1.55 0.00	42.64 1.70 0.00	57.75 1.97 0.00	50.98 1.74 -1.24	47.01 1.75 -2.81	37.83 1.55 -0.10	39.03 1.68 0.00	35.73 1.50 0.00	36.25 1.45 0.00
NARROWS_GT1_1 24228	43.27 2.31 0.00	39.01 1.87 0.00	35.95 1.72 0.00	33.63 1.80 0.00	33.06 1.62 0.00	30.28 1.52 0.00	31.30 1.66 0.00	28.76 1.85 0.00	32.08 1.97 0.00	34.72 2.16 0.00	36.81 2.69 0.00	38.13 3.08 0.00	37.25 3.20 0.00	37.71 3.43 0.00	39.10 3.55 0.00	42.37 3.88 -0.01	45.03 4.10 0.00	61.09 5.31 0.00	72.40 4.32 -20.09	57.73 3.29 -11.99	39.05 2.47 -0.41	39.57 2.22 0.00	36.42 2.20 0.00	37.23 2.43 0.00
NARROWS_GT1_2 24229	43.27 2.31 0.00	39.01 1.87 0.00	35.95 1.72 0.00	33.63 1.80 0.00	33.06 1.62 0.00	30.28 1.52 0.00	31.30 1.66 0.00	28.76 1.85 0.00	32.08 1.97 0.00	34.72 2.16 0.00	36.81 2.69 0.00	38.13 3.08 0.00	37.25 3.20 0.00	37.71 3.43 0.00	39.10 3.55 0.00	42.37 3.88 -0.01	45.03 4.10 0.00	61.09 5.31 0.00	72.40 4.32 -20.09	57.73 3.29 -11.99	39.05 2.47 -0.41	39.57 2.22 0.00	36.42 2.20 0.00	37.23 2.43 0.00

