

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/07/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	13.26	2.49	6.70	16.38	28.85	28.49	32.91	40.59	34.16	33.67	32.48	31.92	34.74	36.11	36.15	46.56	57.84	53.71	54.67	54.17	53.73	52.68	40.85	41.39
24138	0.94	0.18	0.48	1.09	1.77	1.81	2.02	2.55	2.26	2.13	2.22	2.33	2.60	2.69	2.77	3.59	4.16	3.83	3.71	3.65	3.74	3.27	2.51	2.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	13.25	2.49	6.69	16.36	28.84	28.47	32.89	40.58	34.19	33.70	32.50	31.94	34.75	36.12	36.17	46.62	57.86	53.77	54.76	54.27	53.87	52.83	40.95	41.48
24260	0.92	0.18	0.48	1.08	1.76	1.79	2.00	2.55	2.29	2.15	2.24	2.36	2.61	2.71	2.78	3.65	4.18	3.90	3.80	3.75	3.88	3.42	2.61	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	0.04	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	13.25	2.49	6.69	16.36	28.84	28.47	32.89	40.58	34.19	33.70	32.50	31.94	34.75	36.12	36.17	46.62	57.86	53.77	54.76	54.27	53.87	52.83	40.95	41.48
24261	0.92	0.18	0.48	1.08	1.76	1.79	2.00	2.55	2.29	2.15	2.24	2.36	2.61	2.71	2.78	3.65	4.18	3.90	3.80	3.75	3.88	3.42	2.61	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	13.02	2.45	6.60	16.19	28.50	28.13	32.72	40.27	33.40	32.86	31.63	30.78	33.41	34.70	34.91	44.72	56.31	52.39	53.48	53.26	52.62	52.13	40.31	40.69
24011	0.69	0.14	0.39	0.90	1.42	1.45	1.83	2.24	1.50	1.38	1.38	1.19	1.27	1.28	1.53	1.75	2.63	2.50	2.53	2.74	2.63	2.72	1.97	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	13.06	2.46	6.63	16.27	28.62	28.26	32.92	40.55	33.52	32.95	31.75	30.91	33.53	34.81	35.08	44.90	56.58	52.69	53.78	53.53	52.88	52.52	40.59	40.86
23798	0.73	0.16	0.41	0.98	1.54	1.58	2.03	2.52	1.61	1.47	1.50	1.33	1.39	1.39	1.70	1.93	2.90	2.80	2.83	3.01	2.88	3.11	2.25	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	13.02	2.45	6.60	16.19	28.50	28.13	32.72	40.27	33.40	32.86	31.63	30.78	33.41	34.70	34.91	44.72	56.31	52.39	53.48	53.26	52.62	52.13	40.31	40.69
24028	0.69	0.14	0.39	0.90	1.42	1.45	1.83	2.24	1.50	1.38	1.38	1.19	1.27	1.28	1.53	1.75	2.63	2.50	2.53	2.74	2.63	2.72	1.97	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	12.98	2.45	6.59	16.17	28.47	28.07	32.44	39.86	33.14	32.48	31.06	30.12	32.71	33.95	34.22	43.88	55.41	51.76	52.67	52.34	51.52	51.08	39.76	40.30
23527	0.65	0.14	0.38	0.88	1.39	1.39	1.56	1.83	1.24	0.99	0.80	0.54	0.57	0.53	0.83	0.91	1.73	1.87	1.72	1.83	1.53	1.66	1.42	1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	12.58	2.37	6.39	15.65	27.60	27.16	31.39	38.62	32.21	31.63	30.40	29.72	32.35	33.65	33.78	43.58	54.50	50.80	51.77	51.02	50.51	49.80	38.65	39.26
24190	0.25	0.06	0.17	0.37	0.52	0.48	0.50	0.59	0.32	0.15	0.14	0.13	0.21	0.24	0.39	0.61	0.83	0.91	0.82	0.50	0.52	0.39	0.31	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	12.13	2.25	6.07	15.02	26.78	26.41	30.70	37.87	31.80	31.49	30.23	29.54	32.07	33.39	33.25	42.76	53.58	49.80	50.87	50.56	49.89	49.48	38.46	39.21
355683	-0.20	-0.05	-0.15	-0.27	-0.30	-0.27	-0.18	-0.16	-0.09	0.01	-0.03	-0.04	-0.07	-0.02	-0.14	-0.22	-0.09	-0.12	-0.08	0.04	-0.10	0.07	0.12	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	12.79	2.40	6.48	15.90	28.06	27.65	31.92	39.12	32.54	31.97	30.60	29.91	32.64	34.09	34.10	43.95	55.05	51.21	52.52	52.09	51.59	50.83	39.38	40.02
323833	0.46	0.09	0.26	0.61	0.98	0.97	1.03	1.08	0.64	0.49	0.34	0.32	0.50	0.68	0.72	0.98	1.38	1.32	1.56	1.57	1.60	1.42	1.04	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	12.79	2.40	6.48	15.90	28.05	27.63	31.91	39.11	32.54	31.96	30.59	29.91	32.63	34.09	34.10	43.95	55.04	51.20	52.50	52.07	51.58	50.82	39.37	40.01
323834	0.46	0.10	0.26	0.61	0.97	0.95	1.03	1.08	0.64	0.48	0.33	0.32	0.49	0.68	0.72	0.98	1.37	1.31	1.55	1.55	1.59	1.40	1.03	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	12.58	2.37	6.39	15.65	27.60	27.16	31.39	38.62	32.21	31.63	30.40	29.72	32.35	33.65	33.78	43.58	54.50	50.80	51.77	51.02	50.51	49.80	38.65	39.26
23571	0.25	0.06	0.17	0.37	0.52	0.48	0.50	0.59	0.32	0.15	0.14	0.13	0.21	0.24	0.39	0.61	0.83	0.91	0.82	0.50	0.52	0.39	0.31	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	12.58 0.25 0.00	2.37 0.06 0.00	6.39 0.17 0.00	15.65 0.37 0.00	27.60 0.52 0.00	27.16 0.48 0.00	31.39 0.50 0.00	38.62 0.59 0.00	32.21 0.32 0.00	31.63 0.15 0.00	30.40 0.14 0.00	29.72 0.13 0.00	32.35 0.21 0.00	33.65 0.24 0.00	33.78 0.39 0.00	43.58 0.61 0.00	54.50 0.83 0.00	50.80 0.91 0.03	51.77 0.82 0.00	51.02 0.50 0.00	50.51 0.52 0.00	49.80 0.39 0.00	38.65 0.31 0.00	39.26 0.28 0.00
ALBANY___3 23573	12.58 0.25 0.00	2.37 0.06 0.00	6.39 0.17 0.00	15.65 0.37 0.00	27.60 0.52 0.00	27.16 0.48 0.00	31.39 0.50 0.00	38.62 0.59 0.00	32.21 0.32 0.00	31.63 0.15 0.00	30.40 0.14 0.00	29.72 0.13 0.00	32.35 0.21 0.00	33.65 0.24 0.00	33.78 0.39 0.00	43.58 0.61 0.00	54.50 0.83 0.00	50.80 0.91 0.03	51.77 0.82 0.00	51.02 0.50 0.00	50.51 0.52 0.00	49.80 0.39 0.00	38.65 0.31 0.00	39.26 0.28 0.00
ALBANY___4 23574	12.58 0.25 0.00	2.37 0.06 0.00	6.39 0.17 0.00	15.65 0.37 0.00	27.60 0.52 0.00	27.16 0.48 0.00	31.39 0.50 0.00	38.62 0.59 0.00	32.21 0.32 0.00	31.63 0.15 0.00	30.40 0.14 0.00	29.72 0.13 0.00	32.35 0.21 0.00	33.65 0.24 0.00	33.78 0.39 0.00	43.58 0.61 0.00	54.50 0.83 0.00	50.80 0.91 0.03	51.77 0.82 0.00	51.02 0.50 0.00	50.51 0.52 0.00	49.80 0.39 0.00	38.65 0.31 0.00	39.26 0.28 0.00
ALBANY___LFGE 323615	12.70 0.37 0.00	2.39 0.08 0.00	6.44 0.23 0.00	15.79 0.51 0.00	27.85 0.77 0.00	27.42 0.74 0.00	31.69 0.81 0.00	38.99 0.96 0.00	32.54 0.64 0.00	31.97 0.49 0.00	30.72 0.46 0.00	30.03 0.44 0.00	32.68 0.54 0.00	34.00 0.58 0.00	34.08 0.69 0.00	43.97 1.00 0.00	54.97 1.29 0.00	51.25 1.36 0.03	52.25 1.29 0.00	51.51 0.99 0.00	51.06 1.07 0.00	50.34 0.93 0.00	39.03 0.69 0.00	39.64 0.65 0.00
ALCOA_PA_115KV_PL-6C 55860	12.11 -0.22 0.00	2.25 -0.06 0.00	6.06 -0.16 0.00	14.99 -0.30 0.00	26.74 -0.34 0.00	26.41 -0.27 0.00	30.73 -0.16 0.00	37.86 -0.18 0.00	31.78 -0.11 0.00	31.51 0.03 0.00	30.24 -0.02 0.00	29.53 -0.05 0.00	32.06 -0.08 0.00	33.36 -0.05 0.00	33.24 -0.15 0.00	42.76 -0.22 0.00	53.60 -0.08 0.00	49.76 -0.16 0.00	50.84 -0.11 0.00	50.56 0.04 0.00	49.89 -0.10 0.00	49.47 0.06 0.00	38.49 0.15 0.00	39.25 0.26 0.00
ALCOA_RYNLDS___DRP 24188	12.11 -0.22 0.00	2.25 -0.06 0.00	6.06 -0.16 0.00	14.99 -0.30 0.00	26.74 -0.34 0.00	26.41 -0.27 0.00	30.73 -0.16 0.00	37.86 -0.18 0.00	31.78 -0.11 0.00	31.51 0.03 0.00	30.24 -0.02 0.00	29.53 -0.05 0.00	32.06 -0.08 0.00	33.36 -0.05 0.00	33.24 -0.15 0.00	42.76 -0.22 0.00	53.60 -0.08 0.00	49.76 -0.16 0.00	50.84 -0.11 0.00	50.56 0.04 0.00	49.89 -0.10 0.00	49.47 0.06 0.00	38.49 0.15 0.00	39.25 0.26 0.00
ALCOA___DSASP 323711	12.11 -0.22 0.00	2.25 -0.06 0.00	6.06 -0.16 0.00	14.99 -0.30 0.00	26.74 -0.34 0.00	26.41 -0.27 0.00	30.73 -0.16 0.00	37.86 -0.18 0.00	31.78 -0.11 0.00	31.51 0.03 0.00	30.24 -0.02 0.00	29.53 -0.05 0.00	32.06 -0.08 0.00	33.36 -0.05 0.00	33.24 -0.15 0.00	42.76 -0.21 0.00	53.60 -0.08 0.00	49.77 -0.15 0.00	50.84 -0.11 0.00	50.56 0.04 0.00	49.89 -0.10 0.00	49.47 0.06 0.00	38.49 0.15 0.00	39.25 0.26 0.00
ALLEGHENY___COGEN 23514	12.44 0.11 0.00	2.33 0.02 0.00	6.23 0.01 0.00	15.29 0.01 0.00	26.76 -0.32 0.00	29.48 -0.38 -3.17	31.23 -0.30 -0.65	41.77 -0.13 -3.87	31.65 -0.25 0.00	60.48 -0.56 -29.56	69.92 -0.67 -40.33	63.00 -0.68 -34.10	73.54 -0.97 -42.38	62.57 -1.07 -30.22	79.62 -1.30 -47.54	95.30 -1.85 -54.17	112.42 -3.64 -62.39	104.59 -3.56 -58.23	96.23 -3.31 -48.58	49.40 -1.12 0.00	50.40 0.41 0.00	49.38 -0.03 0.00	37.61 -0.73 0.00	38.44 -0.55 0.00
ALTAMONT_115KV_TB 2 55880	12.69 0.36 0.00	2.39 0.08 0.00	6.43 0.22 0.00	15.78 0.49 0.00	27.83 0.74 0.00	27.40 0.72 0.00	31.66 0.78 0.00	38.95 0.92 0.00	32.57 0.67 0.00	32.06 0.58 0.00	30.80 0.54 0.00	30.09 0.51 0.00	32.72 0.58 0.00	34.04 0.62 0.00	34.09 0.71 0.00	43.90 0.92 0.00	54.89 1.21 0.00	51.10 1.21 0.03	52.13 1.18 0.00	51.66 1.14 0.00	51.14 1.15 0.00	50.42 1.00 0.00	39.11 0.77 0.00	39.71 0.73 0.00
ALTONA_WT_PWR 323606	12.23 -0.10 0.00	2.27 -0.04 0.00	6.08 -0.13 0.00	15.14 -0.15 0.00	27.08 0.00 0.00	26.84 0.16 0.00	31.16 0.27 0.00	38.58 0.55 0.00	32.23 0.33 0.00	31.82 0.34 0.00	30.61 0.35 0.00	29.92 0.34 0.00	32.56 0.43 0.00	33.84 0.42 0.00	33.80 0.41 0.00	43.32 0.34 0.00	54.44 0.76 0.00	50.33 0.41 0.00	51.30 0.35 0.00	51.13 0.61 0.00	50.21 0.22 0.00	49.99 0.58 0.00	38.81 0.47 0.00	39.57 0.58 0.00
AMERICAN_REF_FUEL 24010	11.46 -0.87 0.00	2.15 -0.16 0.00	5.73 -0.48 0.00	14.07 -1.22 0.00	24.65 -2.43 0.00	23.62 -2.29 0.77	27.97 -2.76 0.16	33.58 -3.51 0.95	29.16 -2.74 0.00	22.49 -1.75 7.23	18.71 -1.65 9.90	19.71 -1.51 8.36	19.79 -1.94 10.41	23.84 -2.15 7.42	19.00 -2.71 11.68	25.66 -4.01 13.30	31.85 -6.57 15.26	27.79 -6.32 15.81	32.23 -5.91 12.81	44.82 -5.70 0.00	45.39 -4.60 0.00	44.34 -5.07 0.00	34.07 -4.27 0.00	35.21 -3.78 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	11.99 -0.34 0.00	2.25 -0.06 0.00	5.99 -0.22 0.00	14.65 -0.64 0.00	25.42 -1.66 0.00	24.35 -1.56 0.77	29.19 -1.53 0.17	35.63 -1.38 1.02	30.91 -0.98 0.00	23.19 -0.50 7.80	19.16 -0.43 10.66	20.17 -0.40 9.01	20.24 -0.68 11.21	24.18 -1.24 7.99	18.79 -2.02 12.58	25.45 -3.19 14.33	31.99 -5.34 16.36	29.54 -4.67 15.71	34.52 -3.48 12.96	47.96 -2.56 0.00	48.25 -1.74 0.00	46.77 -2.64 0.00	35.59 -2.75 0.00	36.95 -2.04 0.00
ARTHUR KILL_GT_1 23520	13.15 0.82 0.00	2.47 0.16 0.00	6.65 0.43 0.00	16.26 0.97 0.00	28.77 1.69 0.00	28.42 1.74 0.00	32.76 1.87 -0.01	40.64 2.18 -0.42	33.88 1.98 0.00	33.34 1.79 -0.07	32.14 1.88 0.00	31.66 2.00 -0.07	34.36 2.23 0.00	35.73 2.31 0.00	37.08 2.44 -1.25	46.43 3.14 -0.32	55.71 3.25 1.21	53.23 3.35 0.04	54.27 3.31 0.00	53.71 3.19 0.00	53.37 3.38 0.00	52.43 3.01 0.00	48.39 2.33 -7.72	41.26 2.27 0.00
ARTHUR_KILL_2 23512	13.12 0.79 0.00	2.46 0.16 0.00	6.63 0.42 0.00	16.22 0.93 0.00	28.70 1.62 0.00	28.35 1.67 0.00	32.66 1.77 -0.01	40.55 2.09 -0.42	33.80 1.90 0.00	33.26 1.71 -0.07	32.06 1.80 0.00	31.59 1.94 -0.07	34.30 2.16 0.00	35.65 2.23 0.00	36.98 2.34 -1.25	46.32 3.03 -0.32	55.54 3.08 1.21	53.07 3.20 0.04	54.11 3.15 0.00	53.55 3.03 0.00	53.20 3.21 0.00	52.28 2.87 0.00	48.32 2.26 -7.72	41.16 2.17 0.00
ARTHUR_KILL_3 23513	13.13 0.80 0.00	2.47 0.16 0.00	6.64 0.42 0.00	16.21 0.92 0.00	28.55 1.47 0.00	28.19 1.51 0.00	32.55 1.66 0.00	40.46 2.14 -0.27	33.82 1.92 0.00	33.29 1.74 -0.07	32.12 1.86 0.00	31.64 1.98 -0.08	34.35 2.21 0.00	35.72 2.30 0.00	37.01 2.37 -1.26	46.43 3.14 -0.32	57.24 3.57 0.00	53.19 3.31 0.04	54.17 3.22 0.00	53.70 3.18 0.00	53.30 3.31 0.00	52.26 2.85 0.00	47.94 2.20 -7.39	41.07 2.08 0.00

ARTHUR_KILL_COGEN 323718	13.15 0.82 0.00	2.47 0.16 0.00	6.65 0.43 0.00	16.26 0.97 0.00	28.77 1.69 0.00	28.42 1.74 0.00	32.75 1.86 -0.01	40.65 2.19 -0.42	33.88 1.98 0.00	33.33 1.79 -0.07	32.13 1.87 0.00	31.66 2.00 -0.07	34.36 2.22 0.00	35.73 2.31 0.00	37.06 2.42 -1.25	46.43 3.13 -0.32	55.67 3.20 1.21	53.22 3.34 0.04	54.26 3.30 0.00	53.70 3.18 0.00	53.37 3.39 0.00	52.43 3.02 0.00	48.42 2.36 -7.72	41.26 2.27 0.00
ASHOKAN____ 23654	13.02 0.69 0.00	2.45 0.14 0.00	6.59 0.37 0.00	16.15 0.86 0.00	28.47 1.39 0.00	28.11 1.43 0.00	32.48 1.59 0.00	40.06 2.02 0.00	33.42 1.52 0.00	32.65 1.17 0.00	31.40 1.15 0.00	30.66 1.08 0.00	33.56 1.42 0.00	35.00 1.59 0.00	34.99 1.60 0.00	45.04 2.07 0.00	56.25 2.57 0.00	52.38 2.50 0.04	53.85 2.90 0.00	53.68 3.16 0.00	53.31 3.32 0.00	52.36 2.94 0.00	40.48 2.14 0.00	40.98 1.99 0.00
ASTORIA_EAST_ENERGY_CC1 323581	14.51 0.91 -1.28	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.66 1.58 0.00	28.27 1.59 0.00	32.62 1.74 0.00	40.56 2.40 -0.13	35.45 2.05 -1.50	36.38 1.81 -3.09	33.96 1.92 -1.79	31.61 2.03 0.00	34.30 2.16 0.00	35.72 2.31 0.00	35.76 2.37 0.00	47.03 3.15 -0.91	60.19 3.53 -2.99	53.19 3.31 0.04	54.16 3.21 0.00	53.68 3.16 0.00	53.28 3.29 0.00	52.34 2.93 0.00	40.64 2.30 0.00	41.13 2.14 0.00
ASTORIA_EAST_ENERGY_CC2 323582	14.51 0.91 -1.28	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.66 1.58 0.00	28.27 1.59 0.00	32.62 1.74 0.00	40.56 2.40 -0.13	35.45 2.05 -1.50	36.38 1.81 -3.09	33.96 1.92 -1.79	31.61 2.03 0.00	34.30 2.16 0.00	35.72 2.31 0.00	35.76 2.37 0.00	47.03 3.15 -0.91	60.19 3.53 -2.99	53.19 3.31 0.04	54.16 3.21 0.00	53.68 3.16 0.00	53.28 3.29 0.00	52.34 2.93 0.00	40.64 2.30 0.00	41.13 2.14 0.00
ASTORIA_GT2_1 24094	14.54 0.94 -1.28	2.48 0.17 0.00	6.67 0.46 0.00	16.29 1.00 0.00	28.67 1.59 0.00	28.28 1.60 0.00	32.64 1.75 0.00	40.59 2.43 -0.13	35.56 2.16 -1.50	36.49 1.92 -3.09	34.03 1.98 -1.79	31.64 2.05 0.00	34.32 2.18 0.00	35.74 2.32 0.00	35.78 2.39 0.00	47.08 3.20 -0.91	60.27 3.60 -2.99	53.22 3.35 0.04	54.20 3.24 0.00	53.71 3.19 0.00	53.31 3.32 0.00	52.37 2.96 0.00	40.65 2.30 0.00	41.14 2.16 0.00
ASTORIA_GT2_2 24095	14.54 0.94 -1.28	2.48 0.17 0.00	6.67 0.46 0.00	16.29 1.00 0.00	28.67 1.59 0.00	28.28 1.60 0.00	32.64 1.75 0.00	40.59 2.43 -0.13	35.56 2.16 -1.50	36.49 1.92 -3.09	34.03 1.98 -1.79	31.64 2.05 0.00	34.32 2.18 0.00	35.74 2.32 0.00	35.78 2.39 0.00	47.08 3.20 -0.91	60.27 3.60 -2.99	53.22 3.35 0.04	54.20 3.24 0.00	53.71 3.19 0.00	53.31 3.32 0.00	52.37 2.96 0.00	40.65 2.30 0.00	41.14 2.16 0.00
ASTORIA_GT2_3 24096	14.54 0.94 -1.28	2.48 0.17 0.00	6.67 0.46 0.00	16.29 1.00 0.00	28.67 1.59 0.00	28.28 1.60 0.00	32.64 1.75 0.00	40.59 2.43 -0.13	35.56 2.16 -1.50	36.49 1.92 -3.09	34.03 1.98 -1.79	31.64 2.05 0.00	34.32 2.18 0.00	35.74 2.32 0.00	35.78 2.39 0.00	47.08 3.20 -0.91	60.27 3.60 -2.99	53.22 3.35 0.04	54.20 3.24 0.00	53.71 3.19 0.00	53.31 3.32 0.00	52.37 2.96 0.00	40.65 2.30 0.00	41.14 2.16 0.00
ASTORIA_GT2_4 24097	14.54 0.94 -1.28	2.48 0.17 0.00	6.67 0.46 0.00	16.29 1.00 0.00	28.67 1.59 0.00	28.28 1.60 0.00	32.64 1.75 0.00	40.59 2.43 -0.13	35.56 2.16 -1.50	36.49 1.92 -3.09	34.03 1.98 -1.79	31.64 2.05 0.00	34.32 2.18 0.00	35.74 2.32 0.00	35.78 2.39 0.00	47.08 3.20 -0.91	60.27 3.60 -2.99	53.22 3.35 0.04	54.20 3.24 0.00	53.71 3.19 0.00	53.31 3.32 0.00	52.37 2.96 0.00	40.65 2.30 0.00	41.14 2.16 0.00
ASTORIA_GT3_1 24098	14.54 0.94 -1.28	2.48 0.17 0.00	6.67 0.46 0.00	16.29 1.00 0.00	28.67 1.59 0.00	28.28 1.60 0.00	32.64 1.75 0.00	40.59 2.43 -0.13	35.56 2.16 -1.50	36.49 1.92 -3.09	34.03 1.98 -1.79	31.64 2.05 0.00	34.32 2.18 0.00	35.74 2.32 0.00	35.78 2.39 0.00	47.08 3.20 -0.91	60.27 3.60 -2.99	53.22 3.35 0.04	54.20 3.24 0.00	53.71 3.19 0.00	53.31 3.32 0.00	52.37 2.96 0.00	40.65 2.30 0.00	41.14 2.16 0.00
ASTORIA_GT3_2 24099	14.54 0.94 -1.28	2.48 0.17 0.00	6.67 0.46 0.00	16.29 1.00 0.00	28.67 1.59 0.00	28.28 1.60 0.00	32.64 1.75 0.00	40.59 2.43 -0.13	35.56 2.16 -1.50	36.49 1.92 -3.09	34.03 1.98 -1.79	31.64 2.05 0.00	34.32 2.18 0.00	35.74 2.32 0.00	35.78 2.39 0.00	47.08 3.20 -0.91	60.27 3.60 -2.99	53.22 3.35 0.04	54.20 3.24 0.00	53.71 3.19 0.00	53.31 3.32 0.00	52.37 2.96 0.00	40.65 2.30 0.00	41.14 2.16 0.00
ASTORIA_GT3_3 24100	14.54 0.94 -1.28	2.48 0.17 0.00	6.67 0.46 0.00	16.29 1.00 0.00	28.67 1.59 0.00	28.28 1.60 0.00	32.64 1.75 0.00	40.59 2.43 -0.13	35.56 2.16 -1.50	36.49 1.92 -3.09	34.03 1.98 -1.79	31.64 2.05 0.00	34.32 2.18 0.00	35.74 2.32 0.00	35.78 2.39 0.00	47.08 3.20 -0.91	60.27 3.60 -2.99	53.22 3.35 0.04	54.20 3.24 0.00	53.71 3.19 0.00	53.31 3.32 0.00	52.37 2.96 0.00	40.65 2.30 0.00	41.14 2.16 0.00
ASTORIA_GT3_4 24101	14.54 0.94 -1.28	2.48 0.17 0.00	6.67 0.46 0.00	16.29 1.00 0.00	28.67 1.59 0.00	28.28 1.60 0.00	32.64 1.75 0.00	40.59 2.43 -0.13	35.56 2.16 -1.50	36.49 1.92 -3.09	34.03 1.98 -1.79	31.64 2.05 0.00	34.32 2.18 0.00	35.74 2.32 0.00	35.78 2.39 0.00	47.08 3.20 -0.91	60.27 3.60 -2.99	53.22 3.35 0.04	54.20 3.24 0.00	53.71 3.19 0.00	53.31 3.32 0.00	52.37 2.96 0.00	40.65 2.30 0.00	41.14 2.16 0.00
ASTORIA_GT4_1 24102	14.54 0.94 -1.28	2.48 0.17 0.00	6.67 0.46 0.00	16.29 1.00 0.00	28.67 1.59 0.00	28.28 1.60 0.00	32.64 1.75 0.00	40.59 2.43 -0.13	35.56 2.16 -1.50	36.49 1.92 -3.09	34.03 1.98 -1.79	31.64 2.05 0.00	34.32 2.18 0.00	35.74 2.32 0.00	35.78 2.39 0.00	47.08 3.20 -0.91	60.27 3.60 -2.99	53.22 3.35 0.04	54.20 3.24 0.00	53.71 3.19 0.00	53.31 3.32 0.00	52.37 2.96 0.00	40.65 2.30 0.00	41.14 2.16 0.00
ASTORIA_GT4_2 24103	14.54 0.94 -1.28	2.48 0.17 0.00	6.67 0.46 0.00	16.29 1.00 0.00	28.67 1.59 0.00	28.28 1.60 0.00	32.64 1.75 0.00	40.59 2.43 -0.13	35.56 2.16 -1.50	36.49 1.92 -3.09	34.03 1.98 -1.79	31.64 2.05 0.00	34.32 2.18 0.00	35.74 2.32 0.00	35.78 2.39 0.00	47.08 3.20 -0.91	60.27 3.60 -2.99	53.22 3.35 0.04	54.20 3.24 0.00	53.71 3.19 0.00	53.31 3.32 0.00	52.37 2.96 0.00	40.65 2.30 0.00	41.14 2.16 0.00
ASTORIA_GT4_3 24104	14.54 0.94 -1.28	2.48 0.17 0.00	6.67 0.46 0.00	16.29 1.00 0.00	28.67 1.59 0.00	28.28 1.60 0.00	32.64 1.75 0.00	40.59 2.43 -0.13	35.56 2.16 -1.50	36.49 1.92 -3.09	34.03 1.98 -1.79	31.64 2.05 0.00	34.32 2.18 0.00	35.74 2.32 0.00	35.78 2.39 0.00	47.08 3.20 -0.91	60.27 3.60 -2.99	53.22 3.35 0.04	54.20 3.24 0.00	53.71 3.19 0.00	53.31 3.32 0.00	52.37 2.96 0.00	40.65 2.30 0.00	41.14 2.16 0.00

ASTORIA_GT4_4 24105	14.54 0.94 -1.28	2.48 0.17 0.00	6.67 0.46 0.00	16.29 1.00 0.00	28.67 1.59 0.00	28.28 1.60 0.00	32.64 1.75 0.00	40.59 2.43 -0.13	35.56 2.16 -1.50	36.49 1.92 -3.09	34.03 1.98 -1.79	31.64 2.05 0.00	34.32 2.18 0.00	35.74 2.32 0.00	35.78 2.39 0.00	47.08 3.20 -0.91	60.27 3.60 -2.99	53.22 3.35 0.04	54.20 3.24 0.00	53.71 3.19 0.00	53.31 3.32 0.00	52.37 2.96 0.00	40.65 2.30 0.00	41.14 2.16 0.00
ASTORIA_GT_1 23523	14.56 0.95 -1.28	2.49 0.18 0.00	6.68 0.46 0.00	16.31 1.02 0.00	28.71 1.63 0.00	28.32 1.63 0.00	32.68 1.80 0.00	40.65 2.49 -0.13	35.62 2.22 -1.50	36.55 1.98 -3.09	34.08 2.03 -1.79	31.69 2.11 0.00	34.38 2.24 0.00	35.81 2.39 0.00	35.83 2.45 0.00	47.16 3.28 -0.91	60.36 3.69 -2.99	53.30 3.43 0.04	54.28 3.32 0.00	53.80 3.28 0.00	53.40 3.40 0.00	52.45 3.04 0.00	40.71 2.37 0.00	41.21 2.22 0.00
ASTORIA_GT_10 24110	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.28 0.99 0.00	28.69 1.62 0.00	28.33 1.65 0.00	32.69 1.80 0.00	40.26 2.23 0.00	33.99 2.10 0.00	33.51 1.96 -0.07	32.33 2.07 0.00	31.86 2.20 -0.07	34.55 2.41 0.00	35.91 2.49 0.00	35.97 2.58 0.00	46.34 3.37 0.00	57.39 3.72 0.00	53.35 3.47 0.04	54.29 3.34 0.00	53.81 3.29 0.00	53.41 3.42 0.00	52.42 3.01 0.00	40.68 2.33 0.00	41.20 2.21 0.00
ASTORIA_GT_11 24225	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.28 0.99 0.00	28.69 1.62 0.00	28.33 1.65 0.00	32.69 1.80 0.00	40.26 2.23 0.00	33.99 2.10 0.00	33.51 1.96 -0.07	32.33 2.07 0.00	31.86 2.20 -0.07	34.55 2.41 0.00	35.91 2.49 0.00	35.97 2.58 0.00	46.34 3.37 0.00	57.39 3.72 0.00	53.35 3.47 0.04	54.29 3.34 0.00	53.81 3.29 0.00	53.41 3.42 0.00	52.42 3.01 0.00	40.68 2.33 0.00	41.20 2.21 0.00
ASTORIA_GT_12 24226	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.28 0.99 0.00	28.69 1.62 0.00	28.33 1.65 0.00	32.69 1.80 0.00	40.26 2.23 0.00	33.99 2.10 0.00	33.51 1.96 -0.07	32.33 2.07 0.00	31.86 2.20 -0.07	34.55 2.41 0.00	35.91 2.49 0.00	35.97 2.58 0.00	46.34 3.37 0.00	57.39 3.72 0.00	53.35 3.47 0.04	54.29 3.34 0.00	53.81 3.29 0.00	53.41 3.42 0.00	52.42 3.01 0.00	40.68 2.33 0.00	41.20 2.21 0.00
ASTORIA_GT_13 24227	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.28 0.99 0.00	28.69 1.62 0.00	28.33 1.65 0.00	32.69 1.80 0.00	40.26 2.23 0.00	33.99 2.10 0.00	33.51 1.96 -0.07	32.33 2.07 0.00	31.86 2.20 -0.07	34.55 2.41 0.00	35.91 2.49 0.00	35.97 2.58 0.00	46.34 3.37 0.00	57.39 3.72 0.00	53.35 3.47 0.04	54.29 3.34 0.00	53.81 3.29 0.00	53.41 3.42 0.00	52.42 3.01 0.00	40.68 2.33 0.00	41.20 2.21 0.00
ASTORIA_GT_5 24106	14.56 0.95 -1.28	2.49 0.18 0.00	6.68 0.46 0.00	16.31 1.02 0.00	28.71 1.63 0.00	28.32 1.63 0.00	32.68 1.80 0.00	40.65 2.49 -0.13	35.62 2.22 -1.50	36.55 1.98 -3.09	34.08 2.03 -1.79	31.69 2.11 0.00	34.38 2.24 0.00	35.81 2.39 0.00	35.83 2.45 0.00	47.16 3.28 -0.91	60.36 3.69 -2.99	53.30 3.43 0.04	54.28 3.32 0.00	53.80 3.28 0.00	53.40 3.40 0.00	52.45 3.04 0.00	40.71 2.37 0.00	41.21 2.22 0.00
ASTORIA_GT_7 24107	14.56 0.95 -1.28	2.49 0.18 0.00	6.68 0.46 0.00	16.31 1.02 0.00	28.71 1.63 0.00	28.32 1.63 0.00	32.68 1.80 0.00	40.65 2.49 -0.13	35.62 2.22 -1.50	36.55 1.98 -3.09	34.08 2.03 -1.79	31.69 2.11 0.00	34.38 2.24 0.00	35.81 2.39 0.00	35.83 2.45 0.00	47.16 3.28 -0.91	60.36 3.69 -2.99	53.30 3.43 0.04	54.28 3.32 0.00	53.80 3.28 0.00	53.40 3.40 0.00	52.45 3.04 0.00	40.71 2.37 0.00	41.21 2.22 0.00
ASTORIA_GT_8 24108	14.56 0.95 -1.28	2.49 0.18 0.00	6.68 0.46 0.00	16.31 1.02 0.00	28.71 1.63 0.00	28.32 1.63 0.00	32.68 1.80 0.00	40.65 2.49 -0.13	35.62 2.22 -1.50	36.55 1.98 -3.09	34.08 2.03 -1.79	31.69 2.11 0.00	34.38 2.24 0.00	35.81 2.39 0.00	35.83 2.45 0.00	47.16 3.28 -0.91	60.36 3.69 -2.99	53.30 3.43 0.04	54.28 3.32 0.00	53.80 3.28 0.00	53.40 3.40 0.00	52.45 3.04 0.00	40.71 2.37 0.00	41.21 2.22 0.00
ASTORIA___2 24149	14.52 0.91 -1.28	2.48 0.17 0.00	6.67 0.46 0.00	16.28 1.00 0.00	28.67 1.59 0.00	28.28 1.60 0.00	32.63 1.75 0.00	40.58 2.41 -0.13	35.46 2.06 -1.50	36.38 1.81 -3.09	33.98 1.93 -1.79	31.63 2.04 0.00	34.32 2.18 0.00	35.74 2.32 0.00	35.77 2.38 0.00	47.04 3.16 -0.91	60.23 3.56 -2.99	53.21 3.34 0.04	54.19 3.23 0.00	53.70 3.18 0.00	53.31 3.32 0.00	52.37 2.96 0.00	40.65 2.31 0.00	41.15 2.16 0.00
ASTORIA___3 23516	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.28 0.99 0.00	28.69 1.61 0.00	28.33 1.65 0.00	32.69 1.80 0.00	40.26 2.23 0.00	34.00 2.10 0.00	33.50 1.95 -0.07	32.32 2.06 0.00	31.86 2.20 -0.07	34.55 2.41 0.00	35.91 2.49 0.00	35.96 2.57 0.00	46.32 3.35 0.00	57.37 3.69 0.00	53.34 3.47 0.04	54.30 3.34 0.00	53.81 3.29 0.00	53.41 3.42 0.00	52.43 3.01 0.00	40.68 2.34 0.00	41.20 2.21 0.00
ASTORIA___4 23517	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.28 0.99 0.00	28.69 1.62 0.00	28.33 1.65 0.00	32.69 1.80 0.00	40.26 2.23 0.00	33.99 2.10 0.00	33.51 1.96 -0.07	32.32 2.07 0.00	31.86 2.20 -0.07	34.55 2.41 0.00	35.91 2.49 0.00	35.97 2.58 0.00	46.34 3.37 0.00	57.39 3.72 0.00	53.34 3.47 0.04	54.29 3.34 0.00	53.81 3.29 0.00	53.41 3.42 0.00	52.42 3.01 0.00	40.67 2.33 0.00	41.20 2.21 0.00
ASTORIA___5 23518	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.28 0.99 0.00	28.69 1.61 0.00	28.33 1.65 0.00	32.69 1.80 0.00	40.26 2.23 0.00	34.00 2.10 0.00	33.50 1.95 -0.07	32.32 2.06 0.00	31.86 2.20 -0.07	34.55 2.41 0.00	35.91 2.49 0.00	35.96 2.57 0.00	46.33 3.36 0.00	57.37 3.69 0.00	53.34 3.47 0.04	54.30 3.34 0.00	53.81 3.29 0.00	53.41 3.42 0.00	52.43 3.01 0.00	40.68 2.34 0.00	41.20 2.21 0.00
AST_ENERGY_2_CC3 323677	13.18 0.85 0.00	2.48 0.17 0.00	6.65 0.44 0.00	16.26 0.97 0.00	28.65 1.57 0.00	28.28 1.60 0.00	32.63 1.75 0.00	40.29 2.26 0.00	33.91 2.01 0.00	33.38 1.83 -0.07	32.20 1.94 0.00	31.65 2.06 0.00	34.41 2.28 0.00	35.78 2.37 0.00	35.82 2.44 0.00	46.18 3.21 0.00	57.36 3.68 0.00	53.32 3.45 0.04	54.29 3.33 0.00	53.81 3.29 0.00	53.41 3.42 0.00	52.39 2.97 0.00	40.65 2.31 0.00	41.18 2.19 0.00
AST_ENERGY_2_CC4 323678	13.18 0.85 0.00	2.48 0.17 0.00	6.65 0.44 0.00	16.26 0.97 0.00	28.65 1.57 0.00	28.28 1.60 0.00	32.63 1.75 0.00	40.29 2.26 0.00	33.91 2.01 0.00	33.38 1.83 -0.07	32.20 1.94 0.00	31.65 2.06 0.00	34.41 2.28 0.00	35.78 2.37 0.00	35.82 2.44 0.00	46.18 3.21 0.00	57.36 3.68 0.00	53.32 3.45 0.04	54.29 3.33 0.00	53.81 3.29 0.00	53.41 3.42 0.00	52.39 2.97 0.00	40.65 2.31 0.00	41.18 2.19 0.00

ATHENS_STG_1 23668	12.76 0.44 0.00	2.40 0.09 0.00	6.48 0.26 0.00	15.87 0.58 0.00	27.95 0.86 0.00	27.51 0.83 0.00	31.75 0.87 0.00	39.09 1.05 0.00	32.77 0.87 0.00	32.25 0.76 -0.01	31.02 0.76 0.00	30.37 0.79 0.00	33.05 0.91 0.00	34.36 0.94 0.00	34.42 1.03 0.00	44.31 1.34 0.00	55.30 1.62 0.00	51.43 1.55 0.04	52.43 1.48 0.00	52.01 1.49 0.00	51.51 1.52 0.00	50.68 1.27 0.00	39.32 0.98 0.00	39.91 0.92 0.00
ATHENS_STG_2 23670	12.76 0.44 0.00	2.40 0.09 0.00	6.48 0.26 0.00	15.87 0.58 0.00	27.95 0.86 0.00	27.51 0.83 0.00	31.75 0.87 0.00	39.09 1.05 0.00	32.77 0.87 0.00	32.25 0.76 -0.01	31.02 0.76 0.00	30.37 0.79 0.00	33.05 0.91 0.00	34.36 0.94 0.00	34.42 1.03 0.00	44.31 1.34 0.00	55.30 1.62 0.00	51.43 1.55 0.04	52.43 1.48 0.00	52.01 1.49 0.00	51.51 1.52 0.00	50.68 1.27 0.00	39.32 0.98 0.00	39.91 0.92 0.00
ATHENS_STG_3 23677	12.76 0.44 0.00	2.40 0.09 0.00	6.48 0.26 0.00	15.87 0.58 0.00	27.95 0.86 0.00	27.51 0.83 0.00	31.75 0.87 0.00	39.09 1.05 0.00	32.77 0.87 0.00	32.25 0.76 -0.01	31.02 0.76 0.00	30.37 0.79 0.00	33.05 0.91 0.00	34.36 0.94 0.00	34.42 1.03 0.00	44.31 1.34 0.00	55.30 1.62 0.00	51.43 1.55 0.04	52.43 1.48 0.00	52.01 1.49 0.00	51.51 1.52 0.00	50.68 1.27 0.00	39.32 0.98 0.00	39.91 0.92 0.00
AUBURN____LFGE 323710	12.30 -0.03 0.00	2.31 0.00 0.00	6.19 -0.02 0.00	15.20 -0.09 0.00	26.90 -0.18 0.00	26.52 -0.16 0.00	30.78 -0.11 0.00	37.87 -0.17 0.00	31.82 -0.08 0.00	31.43 -0.05 0.00	30.20 -0.05 0.00	29.40 -0.19 0.00	31.84 -0.30 0.00	33.07 -0.35 0.00	32.92 -0.46 0.00	42.44 -0.72 -0.18	55.22 -0.92 -2.46	51.50 -0.74 -2.32	52.65 -0.53 -2.23	50.22 -0.30 0.00	49.74 -0.26 0.00	49.04 -0.37 0.00	37.85 -0.50 0.00	38.51 -0.48 0.00
BABYLON_RES_REC 323704	72.98 1.02 -59.64	59.97 0.20 -57.46	46.86 0.55 -40.10	31.53 1.23 -15.02	30.75 1.99 -1.69	28.58 1.90 0.00	32.95 2.06 0.00	42.95 2.49 -2.43	55.97 2.24 -21.84	63.42 2.08 -29.86	40.83 2.22 -8.35	39.46 2.09 -7.79	35.95 2.32 -1.49	41.92 2.34 -6.16	46.32 2.35 -10.58	107.03 3.05 -61.01	107.78 3.43 -50.68	159.09 3.36 -105.81	195.95 3.45 -141.54	167.66 3.52 -113.62	73.95 3.94 -20.02	54.40 3.64 -1.35	63.52 2.87 -22.31	41.61 2.62 0.00
BALL_HILL_WT_PWR 323825	11.88 -0.45 0.00	2.23 -0.08 0.00	5.98 -0.24 0.00	14.64 -0.65 0.00	25.51 -1.57 0.00	24.09 -1.58 1.01	28.90 -1.78 0.21	34.81 -1.98 1.25	30.43 -1.47 0.00	21.12 -0.87 9.49	16.49 -0.78 12.98	17.91 -0.71 10.97	17.50 -0.99 13.65	22.36 -1.32 9.73	16.20 -1.87 15.31	22.60 -2.93 17.45	28.62 -5.05 20.01	25.15 -4.69 20.08	30.36 -4.04 16.56	47.19 -3.33 0.00	47.62 -2.37 0.00	46.36 -3.05 0.00	35.47 -2.87 0.00	36.61 -2.38 0.00
BARON_WINDS____WT_PWR 323822	12.07 -0.26 0.00	2.26 -0.05 0.00	6.06 -0.16 0.00	14.84 -0.45 0.00	25.83 -1.25 0.00	19.91 -1.45 5.32	28.18 -1.63 1.08	29.88 -1.69 6.46	30.57 -1.33 0.00	-19.20 -1.29 49.40	-38.60 -1.31 67.55	-28.83 -1.35 57.06	-40.35 -1.48 71.01	-18.88 -1.67 50.62	-48.00 -1.71 79.68	-50.24 -2.43 90.77	-55.53 -5.03 104.17	-53.79 -4.76 98.96	-38.02 -4.35 84.63	48.05 -2.47 0.00	48.78 -1.21 0.00	47.72 -1.69 0.00	36.47 -1.87 0.00	37.37 -1.62 0.00
BARRETT_IC_1 23704	81.76 0.81 -68.61	60.53 0.17 -58.05	47.18 0.45 -40.51	31.49 1.03 -15.17	30.45 1.66 -1.70	28.30 1.62 0.00	32.59 1.70 0.00	43.31 1.96 -3.31	56.28 1.69 -22.69	82.96 1.55 -49.93	52.13 1.75 -20.12	39.36 1.90 -7.87	35.80 2.15 -1.51	41.84 2.18 -6.25	46.36 2.28 -10.69	113.47 2.94 -67.56	126.04 3.29 -69.08	153.66 3.24 -100.51	174.90 3.19 -120.76	162.60 3.26 -108.82	129.16 3.78 -75.39	72.73 3.47 -19.85	91.44 2.70 -50.40	41.54 2.55 0.00
BARRETT_IC_10 23701	38.62 0.81 -25.48	60.53 0.17 -58.05	47.18 0.45 -40.51	31.49 1.03 -15.17	30.45 1.66 -1.70	28.30 1.62 0.00	32.59 1.70 0.00	38.88 1.96 1.12	5.77 1.69 27.83	-18.91 1.55 51.94	-8.12 1.75 40.13	39.36 1.90 -7.87	35.80 2.15 -1.51	41.84 2.18 -6.25	46.36 2.28 -10.69	82.95 2.94 -37.04	18.40 3.29 38.56	140.78 3.24 -87.62	171.29 3.19 -117.15	148.00 3.26 -94.22	89.01 3.78 -35.23	59.55 3.47 -6.67	70.62 2.70 -29.58	41.54 2.55 0.00
BARRETT_IC_11 23702	38.62 0.81 -25.48	60.53 0.17 -58.05	47.18 0.45 -40.51	31.49 1.03 -15.17	30.45 1.66 -1.70	28.30 1.62 0.00	32.59 1.70 0.00	38.88 1.96 1.12	5.77 1.69 27.83	-18.91 1.55 51.94	-8.12 1.75 40.13	39.36 1.90 -7.87	35.80 2.15 -1.51	41.84 2.18 -6.25	46.36 2.28 -10.69	82.95 2.94 -37.04	18.40 3.29 38.56	140.78 3.24 -87.62	171.29 3.19 -117.15	148.00 3.26 -94.22	89.01 3.78 -35.23	59.55 3.47 -6.67	70.62 2.70 -29.58	41.54 2.55 0.00
BARRETT_IC_12 23703	38.62 0.81 -25.48	60.53 0.17 -58.05	47.18 0.45 -40.51	31.49 1.03 -15.17	30.45 1.66 -1.70	28.30 1.62 0.00	32.59 1.70 0.00	38.88 1.96 1.12	5.77 1.69 27.83	-18.91 1.55 51.94	-8.12 1.75 40.13	39.36 1.90 -7.87	35.80 2.15 -1.51	41.84 2.18 -6.25	46.36 2.28 -10.69	82.95 2.94 -37.04	18.40 3.29 38.56	140.78 3.24 -87.62	171.29 3.19 -117.15	148.00 3.26 -94.22	89.01 3.78 -35.23	59.55 3.47 -6.67	70.62 2.70 -29.58	41.54 2.55 0.00
BARRETT_IC_2 23705	81.76 0.81 -68.61	60.53 0.17 -58.05	47.18 0.45 -40.51	31.49 1.03 -15.17	30.45 1.66 -1.70	28.30 1.62 0.00	32.59 1.70 0.00	43.31 1.96 -3.31	56.28 1.69 -22.69	82.96 1.55 -49.93	52.13 1.75 -20.12	39.36 1.90 -7.87	35.80 2.15 -1.51	41.84 2.18 -6.25	46.36 2.28 -10.69	113.47 2.94 -67.56	126.04 3.29 -69.08	153.66 3.24 -100.51	174.90 3.19 -120.76	162.60 3.26 -108.82	129.16 3.78 -75.39	72.73 3.47 -19.85	91.44 2.70 -50.40	41.54 2.55 0.00
BARRETT_IC_3 23706	81.76 0.81 -68.61	60.53 0.17 -58.05	47.18 0.45 -40.51	31.49 1.03 -15.17	30.45 1.66 -1.70	28.30 1.62 0.00	32.59 1.70 0.00	43.31 1.96 -3.31	56.28 1.69 -22.69	82.96 1.55 -49.93	52.13 1.75 -20.12	39.36 1.90 -7.87	35.80 2.15 -1.51	41.84 2.18 -6.25	46.36 2.28 -10.69	113.47 2.94 -67.56	126.04 3.29 -69.08	153.66 3.24 -100.51	174.90 3.19 -120.76	162.60 3.26 -108.82	129.16 3.78 -75.39	72.73 3.47 -19.85	91.44 2.70 -50.40	41.54 2.55 0.00
BARRETT_IC_4 23707	81.76 0.81 -68.61	60.53 0.17 -58.05	47.18 0.45 -40.51	31.49 1.03 -15.17	30.45 1.66 -1.70	28.30 1.62 0.00	32.59 1.70 0.00	43.31 1.96 -3.31	56.28 1.69 -22.69	82.96 1.55 -49.93	52.13 1.75 -20.12	39.36 1.90 -7.87	35.80 2.15 -1.51	41.84 2.18 -6.25	46.36 2.28 -10.69	113.47 2.94 -67.56	126.04 3.29 -69.08	153.66 3.24 -100.51	174.90 3.19 -120.76	162.60 3.26 -108.82	129.16 3.78 -75.39	72.73 3.47 -19.85	91.44 2.70 -50.40	41.54 2.55 0.00
BARRETT_IC_5 23708	81.76 0.81 -68.61	60.53 0.17 -58.05	47.18 0.45 -40.51	31.49 1.03 -15.17	30.45 1.66 -1.70	28.30 1.62 0.00	32.59 1.70 0.00	43.31 1.96 -3.31	56.28 1.69 -22.69	82.96 1.55 -49.93	52.13 1.75 -20.12	39.36 1.90 -7.87	35.80 2.15 -1.51	41.84 2.18 -6.25	46.36 2.28 -10.69	113.47 2.94 -67.56	126.04 3.29 -69.08	153.66 3.24 -100.51	174.90 3.19 -120.76	162.60 3.26 -108.82	129.16 3.78 -75.39	72.73 3.47 -19.85	91.44 2.70 -50.40	41.54 2.55 0.00

BARRETT_IC_6 23709	81.76 0.81 -68.61	60.53 0.17 -58.05	47.18 0.45 -40.51	31.49 1.03 -15.17	30.45 1.66 -1.70	28.30 1.62 0.00	32.59 1.70 0.00	43.31 1.96 -3.31	56.28 1.69 -22.69	82.96 1.55 -49.93	52.13 1.75 -20.12	39.36 1.90 -7.87	35.80 2.15 -1.51	41.84 2.18 -6.25	46.36 2.28 -10.69	113.47 2.94 -67.56	126.04 3.29 -69.08	153.66 3.24 -100.51	174.90 3.19 -120.76	162.60 3.26 -108.82	129.16 3.78 -75.39	72.73 3.47 -19.85	91.44 2.70 -50.40	41.54 2.55 0.00
BARRETT_IC_7 23710	81.77 0.83 -68.61	60.53 0.17 -58.05	47.18 0.46 -40.51	31.49 1.03 -15.17	30.45 1.66 -1.70	28.30 1.62 0.00	32.59 1.70 0.00	43.32 1.97 -3.31	56.29 1.70 -22.69	82.99 1.58 -49.93	52.16 1.78 -20.12	39.36 1.90 -7.87	35.80 2.16 -1.51	41.84 2.18 -6.25	46.36 2.28 -10.69	113.49 2.97 -67.56	126.08 3.33 -69.08	153.67 3.24 -100.51	174.91 3.20 -120.76	162.61 3.27 -108.82	129.16 3.78 -75.39	72.73 3.47 -19.85	91.44 2.69 -50.40	41.54 2.55 0.00
BARRETT_IC_8 23711	81.76 0.81 -68.61	60.53 0.17 -58.05	47.18 0.45 -40.51	31.49 1.03 -15.17	30.45 1.66 -1.70	28.30 1.62 0.00	32.59 1.70 0.00	43.31 1.96 -3.31	56.28 1.69 -22.69	82.96 1.55 -49.93	52.13 1.75 -20.12	39.36 1.90 -7.87	35.80 2.15 -1.51	41.84 2.18 -6.25	46.36 2.28 -10.69	113.47 2.94 -67.56	126.04 3.29 -69.08	153.66 3.24 -100.51	174.90 3.19 -120.76	162.60 3.26 -108.82	129.16 3.78 -75.39	72.73 3.47 -19.85	91.44 2.70 -50.40	41.54 2.55 0.00
BARRETT_IC_9 23700	38.62 0.81 -25.48	60.53 0.17 -58.05	47.18 0.45 -40.51	31.49 1.03 -15.17	30.45 1.66 -1.70	28.30 1.62 0.00	32.59 1.70 0.00	38.88 1.96 1.12	5.77 1.69 27.83	-18.91 1.55 51.94	-8.12 1.75 40.13	39.36 1.90 -7.87	35.80 2.15 -1.51	41.84 2.18 -6.25	46.36 2.28 -10.69	82.95 2.94 -37.04	18.40 3.29 38.56	140.78 3.24 -87.62	171.29 3.19 -117.15	148.00 3.26 -94.22	89.01 3.78 -35.23	59.55 3.47 -6.67	70.62 2.70 -29.58	41.54 2.55 0.00
BARRETT___1 23545	81.76 0.81 -68.61	60.53 0.17 -58.05	47.18 0.45 -40.51	31.49 1.03 -15.17	30.45 1.66 -1.70	28.30 1.62 0.00	32.59 1.70 0.00	43.31 1.96 -3.31	56.28 1.69 -22.69	82.96 1.55 -49.93	52.13 1.75 -20.12	39.36 1.90 -7.87	35.80 2.15 -1.51	41.84 2.18 -6.25	46.36 2.28 -10.69	113.47 2.94 -67.56	126.35 3.29 -69.38	154.31 3.24 -101.15	175.08 3.19 -120.94	163.33 3.26 -109.55	129.16 3.78 -75.39	72.73 3.47 -19.85	91.44 2.70 -50.40	41.54 2.55 0.00
BARRETT___2 23546	38.62 0.81 -25.48	60.53 0.17 -58.05	47.18 0.45 -40.51	31.49 1.03 -15.17	30.45 1.66 -1.70	28.30 1.62 0.00	32.59 1.70 0.00	38.88 1.96 1.12	5.77 1.69 27.83	-18.91 1.55 51.94	-8.12 1.75 40.13	39.36 1.90 -7.87	35.80 2.15 -1.51	41.84 2.18 -6.25	46.36 2.28 -10.69	82.95 2.94 -37.04	18.40 3.29 38.56	140.78 3.24 -87.62	171.29 3.19 -117.15	148.00 3.26 -94.22	89.01 3.78 -35.23	59.55 3.47 -6.67	70.62 2.70 -29.58	41.54 2.55 0.00
BATAVIA___115KV_TB1 55881	11.97 -0.36 0.00	2.25 -0.06 0.00	6.00 -0.22 0.00	14.72 -0.57 0.00	25.82 -1.25 0.00	24.98 -1.16 0.54	29.96 -0.84 0.09	36.75 -0.75 0.53	30.83 -1.07 0.00	25.98 -0.72 4.78	22.89 -0.82 6.54	23.34 -0.72 5.52	24.21 -1.05 6.88	27.41 -1.10 4.91	23.95 -1.71 7.72	31.50 -2.68 8.80	38.84 -4.77 10.06	35.13 -4.55 10.24	38.51 -3.86 8.58	47.54 -2.98 0.00	48.14 -1.85 0.00	47.05 -2.36 0.00	36.06 -2.28 0.00	37.06 -1.93 0.00
BAYONEEC___CTG1 323682	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.66 1.58 0.00	28.30 1.62 0.00	32.67 1.78 0.00	40.36 2.28 -0.04	33.93 2.03 0.00	33.42 1.87 -0.07	32.23 1.97 0.00	31.75 2.09 -0.08	34.47 2.32 0.00	35.83 2.42 0.00	36.44 2.48 -0.57	46.39 3.27 -0.15	57.39 3.71 0.00	53.35 3.47 0.04	54.32 3.37 0.00	53.85 3.33 0.00	53.44 3.45 0.00	52.43 3.02 0.00	43.79 2.33 -3.12	41.21 2.21 0.00
BAYONEEC___CTG10 323750	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.66 1.58 0.00	28.30 1.62 0.00	32.67 1.78 0.00	40.36 2.28 -0.04	33.93 2.03 0.00	33.42 1.87 -0.07	32.23 1.97 0.00	31.75 2.09 -0.08	34.47 2.32 0.00	35.83 2.42 0.00	36.44 2.48 -0.57	46.39 3.27 -0.15	57.39 3.71 0.00	53.35 3.47 0.04	54.32 3.37 0.00	53.85 3.33 0.00	53.44 3.45 0.00	52.43 3.02 0.00	43.79 2.33 -3.12	41.21 2.21 0.00
BAYONEEC___CTG2 323683	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.66 1.58 0.00	28.30 1.62 0.00	32.67 1.78 0.00	40.36 2.28 -0.04	33.93 2.03 0.00	33.42 1.87 -0.07	32.23 1.97 0.00	31.75 2.09 -0.08	34.47 2.32 0.00	35.83 2.42 0.00	36.44 2.48 -0.57	46.39 3.27 -0.15	57.39 3.71 0.00	53.35 3.47 0.04	54.32 3.37 0.00	53.85 3.33 0.00	53.44 3.45 0.00	52.43 3.02 0.00	43.79 2.33 -3.12	41.21 2.21 0.00
BAYONEEC___CTG3 323684	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.66 1.58 0.00	28.30 1.62 0.00	32.67 1.78 0.00	40.36 2.28 -0.04	33.93 2.03 0.00	33.42 1.87 -0.07	32.23 1.97 0.00	31.75 2.09 -0.08	34.47 2.32 0.00	35.83 2.42 0.00	36.44 2.48 -0.57	46.39 3.27 -0.15	57.39 3.71 0.00	53.35 3.47 0.04	54.32 3.37 0.00	53.85 3.33 0.00	53.44 3.45 0.00	52.43 3.02 0.00	43.79 2.33 -3.12	41.21 2.21 0.00
BAYONEEC___CTG4 323685	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.66 1.58 0.00	28.30 1.62 0.00	32.67 1.78 0.00	40.36 2.28 -0.04	33.93 2.03 0.00	33.42 1.87 -0.07	32.23 1.97 0.00	31.75 2.09 -0.08	34.47 2.32 0.00	35.83 2.42 0.00	36.44 2.48 -0.57	46.39 3.27 -0.15	57.39 3.71 0.00	53.35 3.47 0.04	54.32 3.37 0.00	53.85 3.33 0.00	53.44 3.45 0.00	52.43 3.02 0.00	43.79 2.33 -3.12	41.21 2.21 0.00
BAYONEEC___CTG5 323686	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.66 1.58 0.00	28.30 1.62 0.00	32.67 1.78 0.00	40.36 2.28 -0.04	33.93 2.03 0.00	33.42 1.87 -0.07	32.23 1.97 0.00	31.75 2.09 -0.08	34.47 2.32 0.00	35.83 2.42 0.00	36.44 2.48 -0.57	46.39 3.27 -0.15	57.39 3.71 0.00	53.35 3.47 0.04	54.32 3.37 0.00	53.85 3.33 0.00	53.44 3.45 0.00	52.43 3.02 0.00	43.79 2.33 -3.12	41.21 2.21 0.00
BAYONEEC___CTG6 323687	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.66 1.58 0.00	28.30 1.62 0.00	32.67 1.78 0.00	40.36 2.28 -0.04	33.93 2.03 0.00	33.42 1.87 -0.07	32.23 1.97 0.00	31.75 2.09 -0.08	34.47 2.32 0.00	35.83 2.42 0.00	36.44 2.48 -0.57	46.39 3.27 -0.15	57.39 3.71 0.00	53.35 3.47 0.04	54.32 3.37 0.00	53.85 3.33 0.00	53.44 3.45 0.00	52.43 3.02 0.00	43.79 2.33 -3.12	41.21 2.21 0.00
BAYONEEC___CTG7 323688	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.66 1.58 0.00	28.30 1.62 0.00	32.67 1.78 0.00	40.36 2.28 -0.04	33.93 2.03 0.00	33.42 1.87 -0.07	32.23 1.97 0.00	31.75 2.09 -0.08	34.47 2.32 0.00	35.83 2.42 0.00	36.44 2.48 -0.57	46.39 3.27 -0.15	57.39 3.71 0.00	53.35 3.47 0.04	54.32 3.37 0.00	53.85 3.33 0.00	53.44 3.45 0.00	52.43 3.02 0.00	43.79 2.33 -3.12	41.21 2.21 0.00

BAYONEEC___CTG8 323689	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.66 1.58 0.00	28.30 1.62 0.00	32.67 1.78 0.00	40.36 2.28 -0.04	33.93 2.03 0.00	33.42 1.87 -0.07	32.23 1.97 0.00	31.75 2.09 -0.08	34.47 2.32 0.00	35.83 2.42 0.00	36.44 2.48 -0.57	46.39 3.27 -0.15	57.39 3.71 0.00	53.35 3.47 0.04	54.32 3.37 0.00	53.85 3.33 0.00	53.44 3.45 0.00	52.43 3.02 0.00	43.79 2.33 -3.12	41.21 2.21 0.00
BAYONEEC___CTG9 323749	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.66 1.58 0.00	28.30 1.62 0.00	32.67 1.78 0.00	40.36 2.28 -0.04	33.93 2.03 0.00	33.42 1.87 -0.07	32.23 1.97 0.00	31.75 2.09 -0.08	34.47 2.32 0.00	35.83 2.42 0.00	36.44 2.48 -0.57	46.39 3.27 -0.15	57.39 3.71 0.00	53.35 3.47 0.04	54.32 3.37 0.00	53.85 3.33 0.00	53.44 3.45 0.00	52.43 3.02 0.00	43.79 2.33 -3.12	41.21 2.21 0.00
BEACON___LESR 323632	12.74 0.41 0.00	2.40 0.09 0.00	6.48 0.27 0.00	15.89 0.60 0.00	27.98 0.90 0.00	27.60 0.92 0.00	31.94 1.06 0.00	39.26 1.23 0.00	32.67 0.77 0.00	32.08 0.60 0.00	30.78 0.52 0.00	30.11 0.52 0.00	32.85 0.72 0.00	34.17 0.75 0.00	34.30 0.91 0.00	44.24 1.27 0.00	55.53 1.86 0.00	51.59 1.71 0.03	52.61 1.66 0.00	51.95 1.42 0.00	51.44 1.45 0.00	50.67 1.26 0.00	39.26 0.91 0.00	39.87 0.88 0.00
BEAVER RIVER___HYD 24048	12.01 -0.32 0.00	2.20 -0.11 0.00	5.90 -0.31 0.00	14.67 -0.62 0.00	25.95 -1.14 0.00	25.71 -0.97 0.00	30.21 -0.68 0.00	37.42 -0.62 0.00	31.47 -0.43 0.00	31.19 -0.29 0.00	29.90 -0.36 0.00	29.07 -0.52 0.00	31.47 -0.67 0.00	32.78 -0.64 0.00	32.73 -0.65 0.00	42.44 -0.54 0.00	53.07 -0.61 0.00	49.32 -0.60 0.00	50.68 -0.28 0.00	50.20 -0.32 0.00	49.61 -0.38 0.00	48.92 -0.49 0.00	37.87 -0.48 0.00	38.40 -0.59 0.00
BEEBEE_GT_13 23619	12.00 -0.33 0.00	2.25 -0.06 0.00	6.03 -0.18 0.00	14.81 -0.48 0.00	26.05 -1.03 0.00	25.67 -1.01 0.00	29.81 -1.07 0.00	36.68 -1.35 0.00	30.94 -0.96 0.00	30.81 -0.68 0.00	29.55 -0.70 0.00	28.99 -0.60 0.00	31.30 -0.84 0.00	32.52 -0.90 0.00	32.10 -1.29 0.00	40.99 -1.98 0.00	50.26 -3.42 0.00	46.79 -3.27 -0.15	47.52 -2.98 0.46	48.14 -2.38 0.00	48.24 -1.76 0.00	47.28 -2.13 0.00	36.30 -2.04 0.00	37.14 -1.85 0.00
BENSHRST_27_KV_BENSHRST_1 355998	13.24 0.91 0.00	2.49 0.18 0.00	6.69 0.47 0.00	16.34 1.05 0.00	28.84 1.76 0.00	28.50 1.82 0.00	32.90 2.01 -0.01	40.95 2.50 -0.42	34.19 2.30 0.00	33.70 2.15 -0.07	32.50 2.24 0.00	32.03 2.37 -0.07	34.76 2.62 0.00	36.12 2.71 0.00	37.46 2.82 -1.25	46.95 3.66 -0.32	57.68 4.00 0.00	53.71 3.83 0.04	54.71 3.76 0.00	54.20 3.68 0.00	53.82 3.83 0.00	52.82 3.41 0.00	48.69 2.62 -7.72	41.50 2.51 0.00
BETHLEHEM___GRP 23843	12.58 0.25 0.00	2.37 0.06 0.00	6.39 0.17 0.00	15.65 0.37 0.00	27.60 0.52 0.00	27.16 0.48 0.00	31.39 0.50 0.00	38.62 0.59 0.00	32.21 0.32 0.00	31.63 0.15 0.00	30.40 0.14 0.00	29.72 0.13 0.00	32.35 0.21 0.00	33.65 0.24 0.00	33.78 0.39 0.00	43.58 0.61 0.00	54.50 0.83 0.00	50.80 0.91 0.03	51.77 0.82 0.00	51.02 0.50 0.00	50.51 0.52 0.00	49.80 0.39 0.00	38.65 0.31 0.00	39.26 0.28 0.00
BETHLEHEM___GS1 323560	12.58 0.25 0.00	2.37 0.06 0.00	6.39 0.17 0.00	15.65 0.37 0.00	27.60 0.52 0.00	27.17 0.49 0.00	31.39 0.50 0.00	38.62 0.58 0.00	32.21 0.32 0.00	31.63 0.15 0.00	30.40 0.14 0.00	29.72 0.13 0.00	32.35 0.21 0.00	33.65 0.24 0.00	33.77 0.39 0.00	43.58 0.61 0.00	54.49 0.82 0.00	50.79 0.91 0.03	51.77 0.82 0.00	51.02 0.50 0.00	50.51 0.52 0.00	49.80 0.39 0.00	38.65 0.31 0.00	39.26 0.28 0.00
BETHLEHEM___GS2 323561	12.58 0.25 0.00	2.37 0.06 0.00	6.39 0.17 0.00	15.65 0.37 0.00	27.60 0.52 0.00	27.17 0.49 0.00	31.39 0.50 0.00	38.62 0.58 0.00	32.21 0.32 0.00	31.63 0.15 0.00	30.40 0.14 0.00	29.72 0.13 0.00	32.35 0.21 0.00	33.65 0.24 0.00	33.77 0.39 0.00	43.58 0.61 0.00	54.49 0.82 0.00	50.79 0.91 0.03	51.77 0.82 0.00	51.02 0.50 0.00	50.51 0.52 0.00	49.80 0.39 0.00	38.65 0.31 0.00	39.26 0.28 0.00
BETHLEHEM___GS3 323562	12.58 0.25 0.00	2.37 0.06 0.00	6.39 0.17 0.00	15.65 0.37 0.00	27.60 0.52 0.00	27.17 0.49 0.00	31.39 0.50 0.00	38.62 0.58 0.00	32.21 0.32 0.00	31.63 0.15 0.00	30.40 0.14 0.00	29.72 0.13 0.00	32.35 0.21 0.00	33.65 0.24 0.00	33.77 0.39 0.00	43.58 0.61 0.00	54.49 0.82 0.00	50.79 0.91 0.03	51.77 0.82 0.00	51.02 0.50 0.00	50.51 0.52 0.00	49.80 0.39 0.00	38.65 0.31 0.00	39.26 0.28 0.00
BETHLEHEM___STEEL 23779	11.79 -0.54 0.00	2.22 -0.09 0.00	5.92 -0.29 0.00	14.53 -0.76 0.00	25.39 -1.69 0.00	23.99 -1.71 0.98	28.73 -1.95 0.20	34.45 -2.38 1.20	30.15 -1.75 0.00	21.19 -1.12 9.17	16.66 -1.05 12.54	18.06 -0.93 10.60	17.66 -1.29 13.19	22.51 -1.50 9.40	16.55 -2.03 14.80	22.99 -3.12 16.86	28.96 -5.36 19.35	25.25 -5.03 19.64	30.26 -4.53 16.17	46.70 -3.82 0.00	47.22 -2.77 0.00	46.07 -3.34 0.00	35.30 -3.04 0.00	36.38 -2.61 0.00
BETHLHEM_115KV_TB1 79974	12.60 0.27 0.00	2.37 0.06 0.00	6.40 0.18 0.00	15.69 0.40 0.00	27.65 0.57 0.00	27.22 0.54 0.00	31.44 0.56 0.00	38.70 0.66 0.00	32.49 0.59 0.00	32.09 0.61 0.00	30.77 0.51 0.00	29.88 0.30 0.00	32.44 0.30 0.00	33.75 0.33 0.00	33.85 0.46 0.00	43.66 0.69 0.00	54.60 0.93 0.00	50.87 0.98 0.03	51.86 0.90 0.00	51.16 0.64 0.00	50.65 0.66 0.00	49.95 0.54 0.00	38.75 0.41 0.00	39.36 0.37 0.00
BETHPAGE_CC_5 323564	77.01 0.98 -63.70	63.54 0.20 -61.04	49.33 0.52 -42.59	32.42 1.17 -15.95	30.75 1.88 -1.79	28.47 1.78 0.00	32.81 1.92 0.00	42.97 2.31 -2.62	57.47 2.06 -23.51	65.92 1.89 -32.55	41.63 2.01 -9.36	39.84 1.98 -8.28	35.95 2.23 -1.58	42.22 2.26 -6.55	47.02 2.40 -11.24	111.23 3.21 -65.05	112.01 3.67 -54.66	165.94 3.64 -112.38	204.73 3.65 -150.13	174.92 3.74 -120.66	75.35 4.12 -21.24	54.56 3.78 -1.36	64.94 2.92 -23.68	41.67 2.68 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	11.82 -0.51 0.00	2.22 -0.09 0.00	5.94 -0.27 0.00	14.56 -0.72 0.00	25.45 -1.63 0.00	24.10 -1.65 0.93	28.81 -1.88 0.19	34.61 -2.29 1.14	30.23 -1.67 0.00	21.79 -1.03 8.66	17.44 -0.96 11.85	18.73 -0.85 10.01	18.49 -1.19 12.46	23.14 -1.39 8.88	17.47 -1.93 13.98	24.05 -2.99 15.93	30.19 -5.20 18.29	26.45 -4.80 18.66	31.31 -4.28 15.37	46.91 -3.61 0.00	47.41 -2.57 0.00	46.27 -3.15 0.00	35.44 -2.90 0.00	36.49 -2.50 0.00
BINGHAMTON___COGEN 23790	12.40 0.08 0.00	2.33 0.02 0.00	6.29 0.07 0.00	15.42 0.13 0.00	27.12 0.04 0.00	26.68 0.00 0.00	30.83 -0.06 0.00	38.03 0.00 0.00	31.94 0.04 0.00	31.66 0.18 0.00	30.46 0.21 0.00	29.79 0.21 0.00	32.34 0.20 0.00	33.53 0.12 0.00	33.48 0.09 0.00	42.98 0.01 0.00	53.38 -0.29 0.00	49.34 -0.29 0.28	50.43 -0.18 0.35	50.50 -0.02 0.00	50.18 0.19 0.00	49.24 -0.17 0.00	38.04 -0.31 0.00	38.75 -0.24 0.00

BIXINCNT_115KV_LOAD 355685	11.93 -0.40 0.00	2.25 -0.06 0.00	6.04 -0.17 0.00	14.78 -0.51 0.00	25.70 -1.38 0.00	24.37 -1.67 0.65	28.88 -1.88 0.13	35.17 -2.09 0.77	30.43 -1.47 0.00	24.71 -0.89 5.88	21.24 -0.98 8.04	22.07 -0.72 6.79	22.61 -1.07 8.46	26.06 -1.33 6.03	22.04 -1.86 9.49	29.10 -3.06 10.81	35.96 -5.27 12.44	32.05 -4.53 13.34	36.40 -3.56 11.00	47.70 -2.82 0.00	48.14 -1.85 0.00	46.93 -2.49 0.00	35.78 -2.56 0.00	36.63 -2.36 0.00
BLACK RIVER___HYD 24047	12.06 -0.27 0.00	2.20 -0.11 0.00	5.91 -0.30 0.00	14.67 -0.62 0.00	25.94 -1.14 0.00	25.71 -0.97 0.00	30.31 -0.57 0.00	37.58 -0.45 0.00	31.61 -0.29 0.00	31.30 -0.18 0.00	29.96 -0.30 0.00	29.12 -0.46 0.00	31.42 -0.72 0.00	32.71 -0.71 0.00	32.74 -0.65 0.00	42.51 -0.46 0.00	53.15 -0.53 0.00	49.45 -0.48 0.00	50.94 -0.01 0.00	50.48 -0.04 0.00	49.98 -0.01 0.00	49.13 -0.29 0.00	37.93 -0.41 0.00	38.44 -0.54 0.00
BLACKRVR_115KV_TB2 79977	12.06 -0.27 0.00	2.20 -0.11 0.00	5.91 -0.30 0.00	14.67 -0.62 0.00	25.94 -1.14 0.00	25.71 -0.97 0.00	30.31 -0.57 0.00	37.58 -0.45 0.00	31.61 -0.29 0.00	31.30 -0.18 0.00	29.96 -0.30 0.00	29.12 -0.46 0.00	31.42 -0.72 0.00	32.71 -0.71 0.00	32.73 -0.65 0.00	42.51 -0.46 0.00	53.15 -0.53 0.00	49.44 -0.48 0.00	50.94 -0.01 0.00	50.48 -0.04 0.00	49.98 -0.01 0.00	49.12 -0.29 0.00	37.93 -0.41 0.00	38.44 -0.55 0.00
BLDWN_LI_69_KV_BK4 356085	87.76 0.95 -74.48	72.01 0.19 -69.51	55.23 0.51 -48.51	34.60 1.14 -18.17	30.97 1.85 -2.04	28.51 1.83 0.00	32.87 1.98 0.00	43.58 2.36 -3.18	61.19 2.06 -27.23	75.05 1.92 -41.65	45.66 2.02 -13.38	41.07 2.06 -9.43	36.26 2.32 -1.81	43.25 2.37 -7.46	48.69 2.50 -12.80	121.69 3.26 -75.46	123.70 3.62 -66.40	180.10 3.63 -126.55	221.08 3.63 -166.50	190.27 3.72 -136.03	91.16 4.14 -37.03	59.00 3.92 -5.68	74.83 3.02 -33.46	41.80 2.81 0.00
BLISS_WT_PWR 323608	11.90 -0.43 0.00	2.24 -0.07 0.00	6.03 -0.18 0.00	14.74 -0.55 0.00	25.60 -1.48 0.00	24.21 -1.82 0.65	28.73 -2.03 0.13	35.04 -2.23 0.77	30.33 -1.57 0.00	24.59 -1.01 5.88	21.11 -1.11 8.04	21.96 -0.83 6.79	22.49 -1.20 8.46	25.91 -1.48 6.03	21.89 -2.01 9.49	28.89 -3.27 10.81	35.78 -5.45 12.44	31.89 -4.69 13.34	36.37 -3.59 11.00	47.69 -2.83 0.00	48.10 -1.89 0.00	46.88 -2.53 0.00	35.68 -2.66 0.00	36.48 -2.51 0.00
BLUESTONE___WT_PWR 323821	12.88 0.55 0.00	2.41 0.10 0.00	6.43 0.21 0.00	15.67 0.38 0.00	27.99 0.91 0.00	27.85 1.17 0.00	32.18 1.29 0.00	39.39 1.36 0.00	33.51 1.62 0.00	32.71 1.23 0.00	31.39 1.13 0.00	30.47 0.88 0.00	33.00 0.86 0.00	34.54 1.13 0.00	34.67 1.28 0.00	44.83 1.68 -0.18	57.94 1.84 -2.42	53.77 1.79 -2.06	55.61 2.33 -2.32	52.92 2.40 0.00	51.36 1.37 0.00	50.74 1.33 0.00	39.55 1.21 0.00	40.34 1.36 0.00
BLUE_CIRC_CHEM_DRP 24182	12.72 0.39 0.00	2.39 0.08 0.00	6.45 0.23 0.00	15.82 0.53 0.00	27.91 0.83 0.00	27.49 0.81 0.00	31.74 0.85 0.00	38.96 0.92 0.00	32.50 0.61 0.00	31.95 0.47 0.00	30.64 0.38 0.00	29.93 0.35 0.00	32.61 0.47 0.00	34.00 0.58 0.00	34.03 0.64 0.00	43.85 0.88 0.00	54.89 1.21 0.00	51.06 1.18 0.03	52.22 1.26 0.00	51.72 1.20 0.00	51.20 1.20 0.00	50.46 1.05 0.00	39.13 0.79 0.00	39.76 0.78 0.00
BOC_GAS_DRP 24189	12.66 0.33 0.00	2.38 0.07 0.00	6.42 0.20 0.00	15.74 0.45 0.00	27.75 0.67 0.00	27.31 0.63 0.00	31.56 0.67 0.00	38.83 0.79 0.00	32.50 0.60 0.00	31.98 0.50 0.00	30.73 0.47 0.00	30.02 0.43 0.00	32.65 0.51 0.00	33.95 0.54 0.00	34.02 0.64 0.00	43.82 0.85 0.00	54.77 1.09 0.00	50.99 1.10 0.03	51.99 1.04 0.00	51.46 0.94 0.00	50.95 0.96 0.00	50.22 0.81 0.00	38.98 0.63 0.00	39.59 0.60 0.00
BOONVILLE_115KV_TB1 79983	12.39 0.07 0.00	2.30 -0.01 0.00	6.18 -0.03 0.00	15.27 -0.02 0.00	26.97 -0.11 0.00	26.65 -0.03 0.00	31.09 0.20 0.00	38.42 0.38 0.00	32.27 0.37 0.00	31.95 0.47 0.00	30.65 0.39 0.00	29.89 0.30 0.00	32.44 0.30 0.00	33.75 0.33 0.00	33.74 0.36 0.00	43.54 0.57 0.00	54.40 0.73 0.00	50.58 0.66 0.00	51.80 0.85 0.00	51.36 0.83 0.00	50.83 0.84 0.00	50.10 0.69 0.00	38.75 0.40 0.00	39.31 0.32 0.00
BORALEX_4TH_BRANCH 23824	12.98 0.65 0.00	2.45 0.14 0.00	6.59 0.38 0.00	16.17 0.88 0.00	28.47 1.39 0.00	28.07 1.39 0.00	32.44 1.56 0.00	39.87 1.83 0.00	33.14 1.24 0.00	32.48 0.99 -0.01	31.06 0.81 0.00	30.12 0.54 0.00	32.71 0.57 0.00	33.95 0.53 0.00	34.22 0.83 0.00	43.88 0.91 0.00	55.41 1.74 0.00	51.75 1.87 0.03	52.67 1.72 0.00	52.35 1.82 0.00	51.52 1.53 0.00	51.07 1.66 0.00	39.76 1.42 0.00	40.30 1.31 0.00
BOWLINE___1 23526	13.03 0.71 0.00	2.45 0.14 0.00	6.59 0.38 0.00	16.14 0.85 0.00	28.43 1.35 0.00	28.06 1.38 0.00	32.40 1.51 0.00	39.95 1.92 0.00	33.64 1.74 0.00	32.92 1.55 0.11	31.74 1.48 0.00	31.18 1.60 0.00	33.99 1.85 0.00	35.34 1.92 0.00	35.36 1.98 0.00	45.64 2.67 0.00	56.78 3.11 0.00	52.82 2.94 0.04	53.84 2.88 0.00	53.41 2.89 0.00	53.00 3.01 0.00	51.97 2.56 0.00	40.24 1.90 0.00	40.80 1.81 0.00
BOWLINE___2 23595	13.03 0.71 0.00	2.45 0.14 0.00	6.59 0.38 0.00	16.14 0.85 0.00	28.44 1.36 0.00	28.06 1.38 0.00	32.40 1.51 0.00	39.94 1.91 0.00	33.53 1.63 0.00	32.82 1.45 0.11	31.75 1.49 0.00	31.19 1.60 0.00	34.00 1.86 0.00	35.35 1.93 0.00	35.38 1.99 0.00	45.66 2.69 0.00	56.80 3.12 0.00	52.83 2.95 0.04	53.84 2.88 0.00	53.41 2.89 0.00	53.00 3.01 0.00	51.97 2.56 0.00	40.24 1.90 0.00	40.80 1.81 0.00
BRADY___115KV_TB2 356060	12.14 -0.19 0.00	2.25 -0.05 0.00	6.06 -0.16 0.00	15.01 -0.28 0.00	26.80 -0.28 0.00	26.48 -0.20 0.00	30.88 -0.01 0.00	38.06 0.03 0.00	31.91 0.01 0.00	31.62 0.14 0.00	30.27 0.02 0.00	29.49 -0.09 0.00	31.96 -0.18 0.00	33.23 -0.18 0.00	33.14 -0.25 0.00	42.78 -0.19 0.00	53.73 0.05 0.00	49.92 0.00 0.00	51.10 0.15 0.00	50.89 0.37 0.00	50.23 0.24 0.00	49.76 0.35 0.00	38.69 0.35 0.00	39.43 0.44 0.00
BRANSCOMB___SOLAR 323811	12.94 0.61 0.00	2.44 0.13 0.00	6.56 0.35 0.00	16.09 0.81 0.00	28.35 1.27 0.00	27.96 1.28 0.00	32.43 1.54 0.00	39.84 1.81 0.00	33.10 1.21 0.00	32.55 1.07 0.00	31.29 1.03 0.00	30.52 0.93 0.00	33.14 1.00 0.00	34.44 1.03 0.00	34.61 1.23 0.00	44.39 1.42 0.00	55.84 2.16 0.00	51.93 2.05 0.03	53.00 2.05 0.00	52.79 2.27 0.00	52.16 2.17 0.00	51.56 2.15 0.00	39.95 1.60 0.00	40.43 1.44 0.00
BRDGHMPT_69_KV_BK1 55812	66.63 0.96 -53.34	54.40 0.19 -51.91	42.99 0.56 -36.22	30.18 1.32 -13.57	30.85 2.24 -1.52	28.69 2.01 0.00	33.24 2.35 0.00	42.76 2.59 -2.14	53.91 2.67 -19.35	59.37 2.18 -25.71	39.73 2.68 -6.79	39.26 2.64 -7.04	36.37 2.89 -1.35	41.79 2.80 -5.56	45.87 2.92 -9.56	101.50 3.80 -54.73	102.70 4.52 -44.51	149.77 4.20 -95.65	183.24 3.85 -128.44	157.04 3.83 -102.68	70.95 5.00 -15.96	54.64 4.59 -0.63	60.76 3.38 -19.04	42.02 3.03 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	67.68 1.06 -54.29	55.25 0.21 -52.73	43.57 0.57 -36.79	30.37 1.30 -13.78	30.73 2.10 -1.55	28.68 1.99 0.00	33.03 2.14 0.00	42.77 2.55 -2.18	53.90 2.33 -19.67	60.01 2.17 -26.37	39.65 2.34 -7.05	38.94 2.21 -7.15	35.97 2.46 -1.37	41.53 2.46 -5.65	45.79 2.69 -9.71	102.29 3.65 -55.67	103.25 4.10 -45.47	151.09 4.04 -97.13	185.30 4.13 -130.22	159.03 4.20 -104.30	71.18 4.68 -16.51	54.68 4.54 -0.72	61.33 3.49 -19.49	42.24 3.25 0.00
BRISTLHL_115KV_TB1 79998	12.05 -0.28 0.00	2.26 -0.05 0.00	6.07 -0.14 0.00	14.91 -0.37 0.00	26.33 -0.75 0.00	25.94 -0.74 0.00	30.06 -0.83 0.00	37.02 -1.01 0.00	31.08 -0.82 0.00	30.70 -0.78 0.00	29.50 -0.75 0.00	28.84 -0.74 0.00	31.28 -0.87 0.00	32.52 -0.90 0.00	32.42 -0.96 0.00	41.71 -1.26 0.00	51.96 -1.71 0.00	48.35 -1.57 0.00	49.42 -1.53 0.00	49.13 -1.39 0.00	48.76 -1.23 0.00	47.99 -1.43 0.00	37.09 -1.25 0.00	37.72 -1.27 0.00
BROOKHAVEN___DRP 24191	66.64 1.01 -53.30	54.39 0.20 -51.88	42.96 0.55 -36.20	30.10 1.26 -13.56	30.66 2.05 -1.52	28.59 1.91 0.00	32.96 2.07 0.00	42.51 2.34 -2.14	53.46 2.22 -19.33	59.13 1.97 -25.69	39.29 2.25 -6.79	38.72 2.10 -7.04	35.76 2.28 -1.35	41.22 2.25 -5.56	45.39 2.45 -9.56	100.95 3.28 -54.70	102.11 3.95 -44.48	149.50 3.98 -95.60	183.35 4.02 -128.37	157.29 4.15 -102.63	70.69 4.76 -15.94	54.42 4.38 -0.63	60.65 3.29 -19.02	42.08 3.09 0.00
BROOKLYN_NAVY_YARD 23515	14.94 0.83 -1.79	2.47 0.16 0.00	6.65 0.44 0.00	16.25 0.97 0.00	28.66 1.58 0.00	28.30 1.63 0.00	32.62 1.73 0.00	40.43 2.21 -0.18	35.97 1.97 -2.09	37.58 1.81 -4.29	34.70 1.95 -2.50	31.65 2.06 0.00	34.39 2.25 0.00	35.75 2.34 0.00	35.79 2.41 0.00	47.16 3.15 -1.04	61.31 3.57 -4.06	53.22 3.34 0.04	54.21 3.25 0.00	53.73 3.21 0.00	53.33 3.34 0.00	52.31 2.90 0.00	40.57 2.23 0.00	41.13 2.14 0.00
BROOKLYN___ARMY_DRP 323595	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
BROOME_2_LFGE 323671	12.40 0.08 0.00	2.33 0.02 0.00	6.29 0.07 0.00	15.42 0.13 0.00	27.13 0.05 0.00	26.68 0.00 0.00	30.82 -0.06 0.00	38.03 -0.01 0.00	31.94 0.04 0.00	31.66 0.17 0.00	30.45 0.19 0.00	29.79 0.20 0.00	32.34 0.20 0.00	33.53 0.11 0.00	33.47 0.09 0.00	42.97 0.00 0.00	53.37 -0.31 0.00	49.33 -0.31 0.28	50.42 -0.18 0.35	50.49 -0.03 0.00	50.18 0.19 0.00	49.24 -0.17 0.00	38.03 -0.31 0.00	38.75 -0.24 0.00
BROOME___LFGE 323600	12.40 0.08 0.00	2.33 0.02 0.00	6.29 0.07 0.00	15.42 0.13 0.00	27.13 0.05 0.00	26.68 0.00 0.00	30.82 -0.06 0.00	38.03 -0.01 0.00	31.94 0.04 0.00	31.66 0.17 0.00	30.45 0.19 0.00	29.79 0.20 0.00	32.34 0.20 0.00	33.53 0.11 0.00	33.47 0.09 0.00	42.97 0.00 0.00	53.37 -0.31 0.00	49.33 -0.31 0.28	50.42 -0.18 0.35	50.49 -0.03 0.00	50.18 0.19 0.00	49.24 -0.17 0.00	38.03 -0.31 0.00	38.75 -0.24 0.00
BROWNFLS_115KV_TB_3_5 80003	11.84 -0.49 0.00	2.18 -0.13 0.00	5.85 -0.36 0.00	14.52 -0.76 0.00	25.80 -1.28 0.00	25.55 -1.13 0.00	29.93 -0.96 0.00	37.00 -1.03 0.00	31.09 -0.81 0.00	30.82 -0.66 0.00	29.53 -0.72 0.00	28.76 -0.83 0.00	31.15 -0.99 0.00	32.42 -0.99 0.00	32.37 -1.02 0.00	41.85 -1.13 0.00	52.30 -1.38 0.00	48.59 -1.33 0.00	49.82 -1.13 0.00	49.44 -1.08 0.00	48.81 -1.18 0.00	48.25 -1.16 0.00	37.43 -0.91 0.00	38.03 -0.96 0.00
BROWNSV1_27_KV_LOAD 356125	13.28 0.95 0.00	2.49 0.19 0.00	6.70 0.49 0.00	16.39 1.10 0.00	28.87 1.79 0.00	28.52 1.84 0.00	32.94 2.05 0.00	40.67 2.63 0.00	34.24 2.34 0.00	33.73 2.18 -0.07	32.53 2.27 0.00	31.97 2.38 0.00	34.77 2.63 0.00	36.15 2.74 0.00	36.20 2.81 0.00	46.66 3.69 0.00	57.94 4.27 0.04	53.86 3.98 0.00	54.83 3.88 0.00	54.37 3.85 0.00	53.98 3.99 0.00	52.93 3.51 0.00	41.03 2.69 0.00	41.56 2.57 0.00
BURROWS___LYONSDAL 23803	12.30 -0.03 0.00	2.27 -0.04 0.00	6.11 -0.11 0.00	15.10 -0.19 0.00	26.68 -0.40 0.00	26.39 -0.29 0.00	30.84 -0.05 0.00	38.13 0.10 0.00	32.06 0.15 0.00	31.74 0.26 0.00	30.46 0.20 0.00	29.67 0.08 0.00	32.20 0.06 0.00	33.52 0.10 0.00	33.49 0.10 0.00	43.27 0.30 0.00	54.09 0.41 0.00	50.28 0.37 0.00	51.53 0.57 0.00	51.06 0.54 0.00	50.50 0.51 0.00	49.80 0.39 0.00	38.53 0.19 0.00	39.09 0.10 0.00
CAITHNESS_CC_1 323624	66.60 0.99 -53.28	54.36 0.20 -51.85	42.94 0.54 -36.18	30.07 1.23 -13.55	30.60 2.00 -1.52	28.54 1.86 0.00	32.88 1.99 0.00	42.42 2.25 -2.14	53.34 2.12 -19.32	59.04 1.89 -25.67	39.24 2.20 -6.78	38.66 2.04 -7.03	35.71 2.22 -1.35	41.18 2.20 -5.56	45.34 2.41 -9.55	100.87 3.23 -54.67	101.96 3.82 -44.46	149.35 3.87 -95.56	183.19 3.92 -128.32	157.14 4.04 -102.58	70.53 4.61 -15.93	54.29 4.25 -0.63	60.56 3.21 -19.01	42.01 3.02 0.00
CALPINE BETH_PAGE_GT4 24209	81.64 0.95 -68.37	67.64 0.19 -65.15	52.18 0.51 -45.46	33.46 1.15 -17.03	30.84 1.85 -1.91	28.46 1.77 0.00	32.79 1.90 0.00	43.16 2.29 -2.83	59.39 2.05 -25.44	69.00 1.89 -35.62	42.76 1.98 -10.52	40.37 1.95 -8.83	36.05 2.22 -1.69	42.65 2.25 -6.99	47.78 2.40 -12.00	115.88 3.20 -69.70	116.51 3.71 -59.13	173.30 3.67 -119.71	214.59 3.67 -159.96	182.79 3.75 -128.52	78.56 4.13 -24.45	55.14 3.77 -1.96	67.41 2.90 -26.16	41.66 2.67 0.00
CALPINE_BETH_PAGE_GT_4 323586	81.65 0.95 -68.37	67.65 0.19 -65.15	52.18 0.51 -45.46	33.46 1.14 -17.03	30.84 1.84 -1.91	28.46 1.77 0.00	32.79 1.90 0.00	43.15 2.29 -2.83	59.38 2.04 -25.44	68.99 1.88 -35.62	42.77 1.99 -10.52	40.37 1.95 -8.83	36.05 2.22 -1.69	42.65 2.25 -6.99	47.78 2.39 -12.00	115.88 3.20 -69.70	116.48 3.67 -59.13	173.28 3.65 -119.71	214.58 3.66 -159.96	182.79 3.75 -128.52	78.57 4.13 -24.45	55.15 3.78 -1.96	67.41 2.90 -26.16	41.66 2.68 0.00
CALPINE_BP_GT1 23823	81.65 0.95 -68.37	67.65 0.19 -65.15	52.18 0.51 -45.46	33.46 1.14 -17.03	30.84 1.84 -1.91	28.46 1.77 0.00	32.79 1.90 0.00	43.15 2.29 -2.83	59.38 2.04 -25.44	68.99 1.88 -35.62	42.77 1.99 -10.52	40.37 1.95 -8.83	36.05 2.22 -1.69	42.65 2.25 -6.99	47.78 2.39 -12.00	115.88 3.20 -69.70	116.48 3.67 -59.13	173.28 3.65 -119.71	214.58 3.66 -159.96	182.79 3.75 -128.52	78.57 4.13 -24.45	55.15 3.78 -1.96	67.41 2.90 -26.16	41.66 2.68 0.00
CALSPAN___DRP 24200	11.79 -0.54 0.00	2.22 -0.09 0.00	5.92 -0.29 0.00	14.53 -0.76 0.00	25.39 -1.69 0.00	23.99 -1.71 0.98	28.73 -1.95 0.20	34.45 -2.38 1.20	30.15 -1.75 0.00	21.19 -1.12 9.17	16.66 -1.05 12.54	18.06 -0.93 10.60	17.66 -1.29 13.19	22.51 -1.50 9.40	16.55 -2.03 14.80	22.99 -3.12 16.86	28.96 -5.36 19.35	25.25 -5.03 19.64	30.26 -4.53 16.17	46.70 -3.82 0.00	47.22 -2.77 0.00	46.07 -3.34 0.00	35.30 -3.04 0.00	36.38 -2.61 0.00

CALVERTON___SOLAR 323806	66.67 1.03 -53.31	54.40 0.20 -51.89	42.98 0.56 -36.21	30.13 1.28 -13.56	30.71 2.11 -1.52	28.65 1.96 0.00	33.03 2.14 0.00	42.59 2.41 -2.14	53.54 2.30 -19.34	59.18 2.01 -25.70	39.41 2.36 -6.79	38.79 2.17 -7.04	35.81 2.33 -1.35	41.28 2.30 -5.56	45.45 2.50 -9.56	101.03 3.36 -54.71	102.17 4.01 -44.49	149.60 4.07 -95.62	183.43 4.09 -128.39	157.37 4.21 -102.65	70.83 4.89 -15.95	54.55 4.51 -0.63	60.74 3.37 -19.03	42.15 3.16 0.00
CANDIGU_WT_PWR 323617	12.07 -0.26 0.00	2.26 -0.05 0.00	6.06 -0.16 0.00	14.84 -0.45 0.00	25.83 -1.25 0.00	19.91 -1.45 5.32	28.18 -1.63 1.08	29.88 -1.69 6.46	30.57 -1.33 0.00	-19.20 -1.29 49.40	-38.60 -1.31 67.55	-28.83 -1.35 57.06	-40.35 -1.48 71.01	-18.88 -1.67 50.62	-48.00 -1.71 79.68	-50.24 -2.43 90.77	-55.53 -5.03 104.17	-53.79 -4.76 98.96	-38.02 -4.35 84.63	48.05 -2.47 0.00	48.78 -1.21 0.00	47.72 -1.69 0.00	36.47 -1.87 0.00	37.37 -1.62 0.00
CARR STREET_E_SYR 24060	12.20 -0.12 0.00	2.29 -0.02 0.00	6.16 -0.06 0.00	15.12 -0.17 0.00	26.67 -0.41 0.00	26.28 -0.40 0.00	30.43 -0.46 0.00	37.47 -0.56 0.00	31.47 -0.43 0.00	31.14 -0.34 0.00	29.94 -0.32 0.00	29.28 -0.31 0.00	31.77 -0.37 0.00	32.98 -0.43 0.00	32.90 -0.48 0.00	42.28 -0.70 0.00	52.60 -1.08 0.00	48.92 -1.01 0.00	50.01 -0.94 0.00	49.73 -0.79 0.00	49.36 -0.64 0.00	48.54 -0.87 0.00	37.52 -0.82 0.00	38.17 -0.82 0.00
CARTHAGE___PAPER 23857	12.11 -0.22 0.00	2.21 -0.10 0.00	5.94 -0.27 0.00	14.76 -0.52 0.00	26.12 -0.96 0.00	25.88 -0.80 0.00	30.47 -0.41 0.00	37.77 -0.26 0.00	31.76 -0.14 0.00	31.46 -0.02 0.00	30.13 -0.13 0.00	29.29 -0.29 0.00	31.64 -0.49 0.00	32.94 -0.47 0.00	32.90 -0.48 0.00	42.76 -0.21 0.00	53.51 -0.17 0.00	49.75 -0.17 0.00	51.17 0.21 0.00	50.72 0.20 0.00	50.16 0.17 0.00	49.38 -0.03 0.00	38.18 -0.16 0.00	38.71 -0.28 0.00
CASSADAGA_WT_PWR 323784	12.09 -0.24 0.00	2.27 -0.04 0.00	6.04 -0.18 0.00	14.75 -0.54 0.00	25.61 -1.48 0.00	24.58 -1.38 0.72	29.46 -1.26 0.16	36.11 -0.94 0.98	31.28 -0.61 0.00	23.88 -0.14 7.47	19.94 -0.10 10.21	20.86 -0.10 8.62	21.05 -0.36 10.74	24.86 -0.91 7.65	19.63 -1.71 12.05	26.32 -2.93 13.72	33.01 -5.03 15.63	30.92 -4.19 14.81	35.83 -2.91 12.22	48.50 -2.03 0.00	48.76 -1.23 0.00	47.22 -2.19 0.00	35.90 -2.44 0.00	37.23 -1.75 0.00
CE_DUNWOOD___DRP 24194	13.11 0.79 0.00	2.46 0.15 0.00	6.63 0.42 0.00	16.22 0.94 0.00	28.59 1.51 0.00	28.20 1.52 0.00	32.56 1.68 0.00	40.14 2.10 0.00	33.74 1.84 0.00	33.23 1.68 -0.07	32.01 1.74 0.00	31.43 1.84 0.00	34.23 2.09 0.00	35.58 2.17 0.00	35.63 2.24 0.00	45.95 2.98 0.00	57.14 3.46 0.00	53.12 3.24 0.04	54.11 3.15 0.00	53.67 3.15 0.00	53.25 3.26 0.00	52.25 2.84 0.00	40.50 2.16 0.00	41.04 2.05 0.00
CE_MILLWOOD___DRP 24193	13.08 0.75 0.00	2.46 0.15 0.00	6.62 0.40 0.00	16.20 0.91 0.00	28.54 1.46 0.00	28.16 1.48 0.00	32.50 1.62 0.00	40.06 2.03 0.00	33.66 1.76 0.00	33.13 1.58 -0.07	31.89 1.63 0.00	31.31 1.73 0.00	34.12 1.98 0.00	35.47 2.05 0.00	35.50 2.11 0.00	45.80 2.82 0.00	56.98 3.30 0.00	53.00 3.12 0.04	54.00 3.05 0.00	53.57 3.05 0.00	53.15 3.16 0.00	52.15 2.73 0.00	40.38 2.04 0.00	40.95 1.96 0.00
CE_NYC2_DRP 24202	13.18 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.70 1.62 0.00	28.34 1.66 0.00	32.70 1.82 0.00	40.30 2.27 0.00	34.02 2.12 0.00	33.52 1.98 -0.07	32.34 2.09 0.00	31.86 2.21 -0.07	34.57 2.43 0.00	35.94 2.52 0.00	35.99 2.61 0.00	46.37 3.40 0.00	57.45 3.78 0.00	53.40 3.52 0.04	54.36 3.41 0.00	53.87 3.35 0.00	53.47 3.48 0.00	52.47 3.06 0.00	40.70 2.36 0.00	41.23 2.25 0.00
CE_NYC_DRP 24195	13.20 0.87 0.00	2.48 0.17 0.00	6.67 0.46 0.00	16.30 1.02 0.00	28.73 1.65 0.00	28.36 1.68 0.00	32.75 1.86 0.00	40.42 2.39 0.00	34.03 2.13 0.00	33.52 1.98 -0.07	32.33 2.08 0.00	31.78 2.18 -0.02	34.57 2.43 0.00	35.93 2.52 0.00	36.10 2.60 -0.10	46.41 3.41 -0.03	57.59 3.91 0.00	53.52 3.64 0.04	54.48 3.53 0.00	54.02 3.49 0.00	53.60 3.61 0.00	52.57 3.16 0.00	41.37 2.42 -0.60	41.30 2.31 0.00
CHAFFEE___LFGE 323603	11.85 -0.48 0.00	2.23 -0.08 0.00	5.95 -0.26 0.00	14.60 -0.68 0.00	25.53 -1.55 0.00	24.31 -1.56 0.81	28.94 -1.79 0.16	34.89 -2.16 0.99	30.31 -1.59 0.00	23.04 -0.93 7.51	19.14 -0.85 10.27	20.14 -0.77 8.67	20.26 -1.09 10.79	24.44 -1.28 7.70	19.47 -1.80 12.12	26.36 -2.81 13.80	32.90 -4.91 15.86	28.83 -4.64 16.46	33.31 -4.09 13.56	47.07 -3.45 0.00	47.54 -2.45 0.00	46.40 -3.01 0.00	35.55 -2.79 0.00	36.60 -2.39 0.00
CHATEAUG_35_KV_LOAD 355732	12.08 -0.24 0.00	2.24 -0.07 0.00	6.02 -0.19 0.00	14.99 -0.30 0.00	26.80 -0.28 0.00	26.47 -0.21 0.00	30.76 -0.12 0.00	38.03 -0.01 0.00	31.82 -0.08 0.00	31.42 -0.06 0.00	30.19 -0.07 0.00	29.52 -0.06 0.00	32.11 -0.03 0.00	33.40 -0.02 0.00	33.28 -0.11 0.00	42.72 -0.25 0.00	53.54 -0.13 0.00	49.63 -0.29 0.00	50.73 -0.22 0.00	50.46 -0.06 0.00	49.69 -0.30 0.00	49.47 0.06 0.00	38.44 0.09 0.00	39.22 0.23 0.00
CHATEAUG_WT_PWR 323614	12.09 -0.24 0.00	2.24 -0.07 0.00	6.03 -0.19 0.00	14.99 -0.30 0.00	26.80 -0.28 0.00	26.47 -0.21 0.00	30.74 -0.14 0.00	38.01 -0.02 0.00	31.82 -0.07 0.00	31.45 -0.03 0.00	30.22 -0.04 0.00	29.55 -0.04 0.00	32.12 -0.01 0.00	33.42 0.01 0.00	33.32 -0.07 0.00	42.77 -0.20 0.00	53.61 -0.06 0.00	49.64 -0.28 0.00	50.69 -0.26 0.00	50.36 -0.16 0.00	49.60 -0.39 0.00	49.35 -0.06 0.00	38.38 0.03 0.00	39.16 0.17 0.00
CHAT_HIGH_FALL_HYD 323578	12.08 -0.24 0.00	2.24 -0.07 0.00	6.02 -0.19 0.00	14.99 -0.30 0.00	26.80 -0.28 0.00	26.47 -0.21 0.00	30.76 -0.12 0.00	38.03 -0.01 0.00	31.82 -0.08 0.00	31.42 -0.06 0.00	30.19 -0.07 0.00	29.52 -0.06 0.00	32.11 -0.03 0.00	33.40 -0.02 0.00	33.28 -0.11 0.00	42.72 -0.25 0.00	53.54 -0.13 0.00	49.63 -0.29 0.00	50.73 -0.22 0.00	50.46 -0.06 0.00	49.69 -0.30 0.00	49.47 0.06 0.00	38.44 0.09 0.00	39.22 0.23 0.00
CHAUTAUQUA___LFGE 323629	11.99 -0.33 0.00	2.26 -0.05 0.00	6.03 -0.19 0.00	14.75 -0.54 0.00	25.66 -1.42 0.00	24.40 -1.40 0.88	29.21 -1.49 0.18	35.43 -1.49 1.12	30.81 -1.08 0.00	22.36 -0.57 8.55	18.08 -0.48 11.69	19.28 -0.43 9.87	19.17 -0.68 12.29	23.54 -1.11 8.76	17.87 -1.72 13.79	24.51 -2.75 15.71	30.84 -4.85 17.98	27.78 -4.40 17.74	32.80 -3.52 14.63	47.82 -2.69 0.00	48.19 -1.80 0.00	46.82 -2.59 0.00	35.75 -2.60 0.00	36.96 -2.03 0.00
CHERRYST_13_KV_LD 356241	13.23 0.90 0.00	2.49 0.18 0.00	6.69 0.47 0.00	16.34 1.06 0.00	28.80 1.71 0.00	28.44 1.76 0.00	32.85 1.96 0.00	40.55 2.51 0.00	34.14 2.24 0.00	33.64 2.10 -0.07	32.45 2.19 0.00	31.88 2.30 0.00	34.70 2.57 0.00	36.07 2.65 0.00	36.12 2.73 0.00	46.55 3.58 0.00	57.80 4.13 0.00	53.70 3.83 0.04	54.66 3.70 0.00	54.18 3.66 0.00	53.76 3.77 0.00	52.72 3.31 0.00	40.87 2.53 0.00	41.41 2.42 0.00

CHESTROR_138KV_BK263 355645	12.98 0.65 0.00	2.44 0.13 0.00	6.57 0.35 0.00	16.07 0.78 0.00	28.33 1.25 0.00	27.95 1.27 0.00	32.28 1.40 0.00	39.77 1.74 0.00	33.36 1.46 0.00	32.71 1.30 0.07	31.57 1.31 0.00	30.98 1.40 0.00	33.77 1.63 0.00	35.11 1.69 0.00	35.15 1.76 0.00	45.36 2.39 0.00	56.48 2.81 0.00	52.52 2.64 0.05	53.58 2.62 0.00	53.16 2.64 0.00	52.74 2.76 0.00	51.75 2.34 0.00	40.08 1.73 0.00	40.64 1.65 0.00
CH_MIDHUDSON___DRP 24192	13.08 0.75 0.00	2.46 0.15 0.00	6.62 0.40 0.00	16.20 0.91 0.00	28.54 1.46 0.00	28.16 1.48 0.00	32.52 1.64 0.00	40.08 2.05 0.00	33.63 1.74 0.00	33.05 1.57 0.00	31.84 1.58 0.00	31.23 1.64 0.00	34.03 1.88 0.00	35.40 1.99 0.00	35.46 2.07 0.00	45.71 2.74 0.00	56.92 3.25 0.00	52.97 3.09 0.04	54.00 3.05 0.00	53.58 3.06 0.00	53.14 3.15 0.00	52.16 2.75 0.00	40.39 2.05 0.00	40.94 1.95 0.00
CH_MISC_IPPS 23765	13.13 0.81 0.00	2.47 0.16 0.00	6.64 0.43 0.00	16.26 0.97 0.00	28.65 1.57 0.00	28.28 1.60 0.00	32.66 1.78 0.00	40.27 2.23 0.00	33.78 1.89 0.00	33.19 1.71 0.00	31.96 1.70 0.00	31.36 1.77 0.00	34.18 2.04 0.00	35.57 2.16 0.00	35.63 2.24 0.00	45.95 2.97 0.00	57.21 3.54 0.00	53.24 3.37 0.04	54.30 3.34 0.00	53.89 3.37 0.00	53.45 3.46 0.00	52.44 3.03 0.00	40.58 2.24 0.00	41.12 2.13 0.00
CH_RES_BVR_FALLS 23983	12.13 -0.20 0.00	2.26 -0.05 0.00	6.04 -0.17 0.00	14.92 -0.37 0.00	26.49 -0.59 0.00	26.13 -0.55 0.00	30.36 -0.53 0.00	37.52 -0.52 0.00	31.51 -0.39 0.00	31.18 -0.30 0.00	29.99 -0.27 0.00	29.30 -0.28 0.00	31.85 -0.29 0.00	33.19 -0.22 0.00	33.13 -0.25 0.00	42.62 -0.35 0.00	53.34 -0.34 0.00	49.55 -0.37 0.00	50.64 -0.31 0.00	50.28 -0.24 0.00	49.63 -0.36 0.00	49.18 -0.23 0.00	38.20 -0.14 0.00	38.91 -0.08 0.00
CH_RES_NIAGARA 23895	11.47 -0.86 0.00	2.17 -0.14 0.00	5.78 -0.44 0.00	14.18 -1.10 0.00	24.84 -2.25 0.00	23.65 -2.26 0.76	28.07 -2.67 0.16	33.53 -3.57 0.94	29.20 -2.70 0.00	22.37 -1.98 7.13	18.68 -1.81 9.76	19.74 -1.61 8.24	19.83 -2.05 10.26	23.84 -2.27 7.31	19.04 -2.83 11.51	25.66 -4.19 13.12	31.89 -6.74 15.05	27.51 -6.63 15.78	31.93 -6.38 12.64	44.83 -5.68 0.00	45.38 -4.61 0.00	44.34 -5.08 0.00	34.03 -4.32 0.00	35.12 -3.87 0.00
CH_RES_SYRACUSE 23985	12.22 -0.11 0.00	2.29 -0.02 0.00	6.16 -0.05 0.00	15.13 -0.16 0.00	26.71 -0.37 0.00	26.32 -0.36 0.00	30.50 -0.38 0.00	37.55 -0.48 0.00	31.53 -0.37 0.00	31.14 -0.34 0.00	29.97 -0.29 0.00	29.27 -0.32 0.00	31.73 -0.40 0.00	32.98 -0.44 0.00	32.89 -0.50 0.00	42.26 -0.72 0.00	52.64 -1.04 0.00	49.01 -0.91 0.00	50.14 -0.81 0.00	49.86 -0.66 0.00	49.44 -0.55 0.00	48.66 -0.76 0.00	37.60 -0.74 0.00	38.25 -0.74 0.00
CLINTON_WT_PWR 323605	12.09 -0.24 0.00	2.24 -0.07 0.00	6.03 -0.19 0.00	14.99 -0.30 0.00	26.80 -0.28 0.00	26.47 -0.21 0.00	30.74 -0.14 0.00	38.01 -0.02 0.00	31.82 -0.07 0.00	31.45 -0.03 0.00	30.22 -0.04 0.00	29.55 -0.04 0.00	32.12 -0.01 0.00	33.42 0.01 0.00	33.32 -0.07 0.00	42.77 -0.20 0.00	53.61 -0.06 0.00	49.64 -0.28 0.00	50.69 -0.26 0.00	50.36 -0.16 0.00	49.60 -0.39 0.00	49.35 -0.06 0.00	38.38 0.03 0.00	39.16 0.17 0.00
CLINTON___LFGE 323618	12.31 -0.02 0.00	2.28 -0.03 0.00	6.13 -0.09 0.00	15.23 -0.06 0.00	27.24 0.16 0.00	27.01 0.33 0.00	31.39 0.50 0.00	38.91 0.88 0.00	32.46 0.56 0.00	32.01 0.53 0.00	30.81 0.56 0.00	30.13 0.54 0.00	32.78 0.64 0.00	34.03 0.61 0.00	33.99 0.60 0.00	43.56 0.59 0.00	54.84 1.16 0.00	50.74 0.82 0.00	51.71 0.76 0.00	51.64 1.12 0.00	50.70 0.71 0.00	50.47 1.06 0.00	39.12 0.78 0.00	39.84 0.86 0.00
COBBLENY_34_KV_TB1 80064	11.84 -0.48 0.00	2.23 -0.08 0.00	5.95 -0.26 0.00	14.60 -0.68 0.00	25.53 -1.55 0.00	24.31 -1.56 0.81	28.94 -1.78 0.16	34.88 -2.17 0.99	30.31 -1.59 0.00	23.02 -0.95 7.51	19.11 -0.88 10.27	20.13 -0.78 8.67	20.24 -1.11 10.79	24.42 -1.30 7.70	19.44 -1.83 12.12	26.31 -2.86 13.80	32.79 -5.03 15.86	28.78 -4.68 16.46	33.24 -4.15 13.56	47.06 -3.46 0.00	47.54 -2.45 0.00	46.40 -3.01 0.00	35.56 -2.78 0.00	36.60 -2.39 0.00
COFFEEN___115KV_TB3 355620	12.11 -0.22 0.00	2.21 -0.10 0.00	5.94 -0.27 0.00	14.74 -0.55 0.00	26.06 -1.02 0.00	25.83 -0.86 0.00	30.46 -0.42 0.00	37.78 -0.26 0.00	31.77 -0.13 0.00	31.43 -0.05 0.00	30.04 -0.22 0.00	29.19 -0.40 0.00	31.45 -0.69 0.00	32.75 -0.66 0.00	32.82 -0.57 0.00	42.59 -0.38 0.00	53.25 -0.42 0.00	49.59 -0.33 0.00	51.15 0.19 0.00	50.72 0.20 0.00	50.24 0.25 0.00	49.35 -0.07 0.00	38.09 -0.25 0.00	38.57 -0.42 0.00
COLDSPRG_115KV_BK1 355956	12.25 -0.08 0.00	2.31 0.00 0.00	6.17 -0.04 0.00	15.13 -0.16 0.00	26.38 -0.70 0.00	25.49 -0.72 0.48	30.02 -0.76 0.11	36.91 -0.46 0.66	31.70 -0.20 0.00	26.86 0.43 5.04	23.74 0.39 6.91	24.18 0.43 5.83	25.12 0.24 7.26	28.15 -0.09 5.18	24.52 -0.71 8.15	32.14 -1.54 9.28	39.65 -3.48 10.55	36.79 -2.94 10.18	40.36 -2.19 8.41	49.01 -1.51 0.00	49.38 -0.61 0.00	48.04 -1.37 0.00	36.66 -1.69 0.00	37.84 -1.15 0.00
COLONIE_LFGE___ 323577	12.81 0.48 0.00	2.41 0.10 0.00	6.50 0.29 0.00	15.94 0.65 0.00	28.09 1.01 0.00	27.67 0.99 0.00	32.04 1.15 0.00	39.39 1.35 0.00	32.82 0.92 0.00	32.24 0.76 0.00	30.93 0.67 0.00	30.14 0.56 0.00	32.76 0.63 0.00	34.07 0.66 0.00	34.23 0.85 0.00	43.96 0.99 0.00	55.28 1.60 0.00	51.51 1.62 0.03	52.48 1.52 0.00	52.09 1.57 0.00	51.42 1.43 0.00	50.82 1.40 0.00	39.45 1.11 0.00	39.99 1.00 0.00
COOPERNY_115KV_TB1 80082	12.82 0.49 0.00	2.41 0.10 0.00	6.48 0.27 0.00	15.89 0.61 0.00	28.03 0.94 0.00	27.63 0.95 0.00	31.93 1.04 0.00	39.34 1.30 0.00	33.00 1.11 0.00	32.45 1.00 0.03	31.26 1.01 0.00	30.65 1.06 0.00	33.38 1.24 0.00	34.68 1.27 0.00	34.71 1.32 0.00	44.73 1.76 0.00	55.73 2.05 0.00	51.81 1.94 0.05	52.87 1.91 0.00	52.48 1.96 0.00	52.02 2.03 0.00	51.12 1.71 0.00	39.60 1.26 0.00	40.19 1.20 0.00
COPENHAGEN_WT_PWR 323753	12.00 -0.33 0.00	2.18 -0.13 0.00	5.86 -0.35 0.00	14.56 -0.73 0.00	25.72 -1.36 0.00	25.52 -1.16 0.00	30.09 -0.80 0.00	37.31 -0.73 0.00	31.41 -0.49 0.00	31.11 -0.37 0.00	29.82 -0.44 0.00	29.01 -0.57 0.00	31.31 -0.82 0.00	32.62 -0.80 0.00	32.65 -0.73 0.00	42.40 -0.57 0.00	52.98 -0.69 0.00	49.23 -0.69 0.00	50.69 -0.26 0.00	50.17 -0.35 0.00	49.69 -0.31 0.00	48.83 -0.58 0.00	37.74 -0.60 0.00	38.28 -0.71 0.00
CORNELL_____ 23752	12.52 0.20 0.00	2.35 0.04 0.00	6.32 0.10 0.00	15.50 0.21 0.00	27.34 0.26 0.00	27.28 0.26 -0.34	31.32 0.37 -0.07	38.95 0.51 -0.42	32.37 0.48 0.00	35.18 0.51 -3.19	34.99 0.46 -4.27	33.53 0.31 -3.64	36.97 0.36 -4.47	36.91 0.30 -3.20	38.58 0.19 -5.01	48.77 0.06 -5.74	60.82 0.07 -7.08	56.43 0.08 -6.43	60.64 0.50 -9.19	51.30 0.78 0.00	50.95 0.96 0.00	50.06 0.65 0.00	38.61 0.27 0.00	39.27 0.28 0.00

CORONA__69_KV_TB1 355595	118.15 0.94 -104.87	95.72 0.19 -93.22	71.76 0.50 -65.05	40.79 1.13 -24.37	31.66 1.84 -2.74	28.50 1.82 0.00	32.86 1.97 -0.01	45.18 2.37 -4.78	79.89 2.08 -45.92	101.02 1.93 -67.61	57.21 2.04 -24.91	44.35 2.13 -12.64	36.97 2.41 -2.42	45.88 2.45 -10.01	53.12 2.57 -17.17	151.10 3.40 -104.73	159.02 3.89 -101.45	225.89 3.80 -172.17	286.64 3.78 -231.91	237.91 3.84 -183.55	130.11 4.29 -75.83	69.27 3.90 -15.96	99.48 3.01 -58.13	41.83 2.84 0.00
CORTLAND__115KV_TB3 80093	12.44 0.11 0.00	2.34 0.02 0.00	6.29 0.07 0.00	15.42 0.14 0.00	27.19 0.11 0.00	26.79 0.11 0.00	31.03 0.14 0.00	38.27 0.24 0.00	32.13 0.23 0.00	31.79 0.31 0.00	30.56 0.30 0.00	29.83 0.24 0.00	32.41 0.27 0.00	33.63 0.21 0.00	33.57 0.19 0.00	43.09 0.12 0.00	53.67 -0.01 0.00	49.80 -0.01 0.11	52.13 0.21 -0.96	50.89 0.37 0.00	50.52 0.53 0.00	49.63 0.22 0.00	38.34 0.00 0.00	39.00 0.01 0.00
COXSACKIE__GT 23611	12.99 0.66 0.00	2.44 0.13 0.00	6.57 0.36 0.00	16.12 0.84 0.00	28.45 1.37 0.00	28.06 1.38 0.00	32.53 1.64 0.00	40.01 1.98 0.00	33.20 1.30 0.00	32.38 0.90 0.00	30.96 0.71 0.00	30.24 0.66 0.00	32.98 0.84 0.00	34.64 1.23 0.00	34.63 1.25 0.00	44.51 1.54 0.00	55.71 2.04 0.00	51.86 1.98 0.04	53.39 2.44 0.00	53.23 2.71 0.00	52.80 2.81 0.00	52.00 2.59 0.00	40.18 1.84 0.00	40.71 1.72 0.00
CPV_VALLEY__CC1 323721	12.92 0.59 0.00	2.43 0.12 0.00	6.54 0.33 0.00	16.01 0.72 0.00	28.22 1.14 0.00	27.83 1.15 0.00	32.15 1.26 0.00	39.62 1.58 0.00	33.24 1.35 0.00	32.63 1.20 0.05	31.48 1.22 0.00	30.89 1.30 0.00	33.65 1.51 0.00	34.98 1.57 0.00	35.01 1.63 0.00	45.16 2.19 0.00	56.22 2.55 0.00	52.28 2.41 0.05	53.32 2.37 0.00	52.90 2.38 0.00	52.47 2.48 0.00	51.51 2.10 0.00	39.91 1.56 0.00	40.48 1.49 0.00
CPV_VALLEY__CC2 323722	12.92 0.59 0.00	2.43 0.12 0.00	6.54 0.33 0.00	16.01 0.72 0.00	28.22 1.14 0.00	27.83 1.15 0.00	32.15 1.26 0.00	39.62 1.58 0.00	33.24 1.35 0.00	32.63 1.20 0.05	31.48 1.22 0.00	30.89 1.30 0.00	33.65 1.51 0.00	34.98 1.57 0.00	35.01 1.63 0.00	45.16 2.19 0.00	56.22 2.55 0.00	52.28 2.41 0.05	53.32 2.37 0.00	52.90 2.38 0.00	52.47 2.48 0.00	51.51 2.10 0.00	39.91 1.56 0.00	40.48 1.49 0.00
CRESCENT__HYD 24018	12.81 0.48 0.00	2.41 0.10 0.00	6.50 0.29 0.00	15.94 0.65 0.00	28.09 1.01 0.00	27.67 0.99 0.00	32.04 1.15 0.00	39.39 1.35 0.00	32.82 0.92 0.00	32.24 0.76 0.00	30.93 0.67 0.00	30.14 0.56 0.00	32.76 0.63 0.00	34.07 0.66 0.00	34.23 0.85 0.00	43.96 0.99 0.00	55.28 1.60 0.00	51.51 1.62 0.03	52.48 1.52 0.00	52.09 1.57 0.00	51.42 1.43 0.00	50.82 1.40 0.00	39.45 1.11 0.00	39.99 1.00 0.00
CRICKET__VALLEY_CC1 323756	13.01 0.68 0.00	2.45 0.14 0.00	6.59 0.37 0.00	16.13 0.84 0.00	28.42 1.33 0.00	28.02 1.34 0.00	32.35 1.46 0.00	39.87 1.83 0.00	33.48 1.58 0.00	32.92 1.41 -0.03	31.71 1.45 0.00	31.11 1.52 0.00	33.88 1.74 0.00	35.22 1.81 0.00	35.27 1.88 0.00	45.47 2.50 0.00	56.60 2.92 0.00	52.66 2.78 0.04	53.66 2.71 0.00	53.23 2.71 0.00	52.79 2.80 0.00	51.84 2.43 0.00	40.17 1.83 0.00	40.73 1.74 0.00
CRICKET__VALLEY_CC2 323757	13.01 0.68 0.00	2.45 0.14 0.00	6.59 0.37 0.00	16.13 0.84 0.00	28.42 1.33 0.00	28.02 1.34 0.00	32.35 1.46 0.00	39.87 1.83 0.00	33.48 1.58 0.00	32.92 1.41 -0.03	31.71 1.45 0.00	31.11 1.52 0.00	33.88 1.74 0.00	35.22 1.81 0.00	35.27 1.88 0.00	45.47 2.50 0.00	56.60 2.92 0.00	52.66 2.78 0.04	53.66 2.71 0.00	53.23 2.71 0.00	52.79 2.80 0.00	51.84 2.43 0.00	40.17 1.83 0.00	40.73 1.74 0.00
CRICKET__VALLEY_CC3 323758	13.01 0.68 0.00	2.45 0.14 0.00	6.59 0.37 0.00	16.13 0.84 0.00	28.42 1.33 0.00	28.02 1.34 0.00	32.35 1.46 0.00	39.87 1.83 0.00	33.48 1.58 0.00	32.92 1.41 -0.03	31.71 1.45 0.00	31.11 1.52 0.00	33.88 1.74 0.00	35.22 1.81 0.00	35.27 1.88 0.00	45.47 2.50 0.00	56.60 2.92 0.00	52.66 2.78 0.04	53.66 2.71 0.00	53.23 2.71 0.00	52.79 2.80 0.00	51.84 2.43 0.00	40.17 1.83 0.00	40.73 1.74 0.00
CRUCIBLE__METL_DRP 24180	12.22 -0.10 0.00	2.29 -0.02 0.00	6.16 -0.05 0.00	15.13 -0.15 0.00	26.71 -0.37 0.00	26.32 -0.36 0.00	30.50 -0.38 0.00	37.55 -0.48 0.00	31.53 -0.37 0.00	31.14 -0.34 0.00	29.97 -0.29 0.00	29.27 -0.32 0.00	31.74 -0.40 0.00	32.98 -0.44 0.00	32.89 -0.50 0.00	42.25 -0.72 0.00	52.63 -1.05 0.00	49.01 -0.91 0.00	50.14 -0.81 0.00	49.86 -0.66 0.00	49.44 -0.55 0.00	48.66 -0.75 0.00	37.60 -0.74 0.00	38.25 -0.74 0.00
DAHOWA__HYDRO 323763	12.97 0.64 0.00	2.44 0.13 0.00	6.57 0.36 0.00	16.13 0.84 0.00	28.41 1.33 0.00	28.02 1.34 0.00	32.54 1.65 0.00	40.00 1.96 0.00	33.22 1.32 0.00	32.64 1.16 0.00	31.40 1.15 0.00	30.61 1.02 0.00	33.23 1.09 0.00	34.53 1.12 0.00	34.72 1.33 0.00	44.50 1.53 0.00	56.01 2.33 0.00	52.08 2.19 0.03	53.18 2.22 0.00	52.96 2.45 0.00	52.33 2.34 0.00	51.77 2.36 0.00	40.08 1.74 0.00	40.53 1.54 0.00
DANC__LFGE 323619	12.00 -0.33 0.00	2.21 -0.10 0.00	5.94 -0.28 0.00	14.68 -0.61 0.00	25.93 -1.15 0.00	25.65 -1.03 0.00	30.05 -0.83 0.00	37.15 -0.88 0.00	31.24 -0.66 0.00	30.91 -0.57 0.00	29.66 -0.60 0.00	28.90 -0.68 0.00	31.25 -0.89 0.00	32.52 -0.90 0.00	32.52 -0.87 0.00	42.07 -0.90 0.00	52.51 -1.17 0.00	48.82 -1.10 0.00	50.14 -0.81 0.00	49.72 -0.80 0.00	49.27 -0.72 0.00	48.44 -0.98 0.00	37.43 -0.91 0.00	38.00 -0.99 0.00
DANSKAMMER__1 23586	13.13 0.81 0.00	2.47 0.16 0.00	6.64 0.43 0.00	16.26 0.97 0.00	28.65 1.57 0.00	28.28 1.60 0.00	32.66 1.78 0.00	40.27 2.23 0.00	33.78 1.89 0.00	33.19 1.71 0.00	31.96 1.70 0.00	31.36 1.77 0.00	34.18 2.04 0.00	35.57 2.16 0.00	35.63 2.24 0.00	45.95 2.97 0.00	57.21 3.54 0.00	53.24 3.37 0.04	54.30 3.34 0.00	53.89 3.37 0.00	53.45 3.46 0.00	52.44 3.03 0.00	40.58 2.24 0.00	41.12 2.13 0.00
DANSKAMMER__2 23589	13.13 0.81 0.00	2.47 0.16 0.00	6.64 0.43 0.00	16.26 0.97 0.00	28.65 1.57 0.00	28.28 1.60 0.00	32.66 1.78 0.00	40.27 2.23 0.00	33.78 1.89 0.00	33.19 1.71 0.00	31.96 1.70 0.00	31.36 1.77 0.00	34.18 2.04 0.00	35.57 2.16 0.00	35.63 2.24 0.00	45.95 2.97 0.00	57.21 3.54 0.00	53.24 3.37 0.04	54.30 3.34 0.00	53.89 3.37 0.00	53.45 3.46 0.00	52.44 3.03 0.00	40.58 2.24 0.00	41.12 2.13 0.00
DANSKAMMER__3 23590	13.13 0.81 0.00	2.47 0.16 0.00	6.64 0.43 0.00	16.26 0.97 0.00	28.65 1.57 0.00	28.28 1.60 0.00	32.66 1.78 0.00	40.27 2.23 0.00	33.78 1.89 0.00	33.19 1.71 0.00	31.96 1.70 0.00	31.36 1.77 0.00	34.18 2.04 0.00	35.57 2.16 0.00	35.63 2.24 0.00	45.95 2.97 0.00	57.21 3.54 0.00	53.24 3.37 0.04	54.30 3.34 0.00	53.89 3.37 0.00	53.45 3.46 0.00	52.44 3.03 0.00	40.58 2.24 0.00	41.12 2.13 0.00

DANSKAMMER___4 23591	13.13 0.81 0.00	2.47 0.16 0.00	6.64 0.43 0.00	16.26 0.97 0.00	28.65 1.57 0.00	28.28 1.60 0.00	32.66 1.78 0.00	40.27 2.23 0.00	33.78 1.89 0.00	33.19 1.71 0.00	31.96 1.70 0.00	31.36 1.77 0.00	34.18 2.04 0.00	35.57 2.16 0.00	35.63 2.24 0.00	45.95 2.97 0.00	57.21 3.54 0.00	53.24 3.37 0.04	54.30 3.34 0.00	53.89 3.37 0.00	53.45 3.46 0.00	52.44 3.03 0.00	40.58 2.24 0.00	41.12 2.13 0.00
DANSKAMMER___DIESEL 23592	13.13 0.81 0.00	2.47 0.16 0.00	6.64 0.43 0.00	16.27 0.98 0.00	28.66 1.57 0.00	28.28 1.60 0.00	32.66 1.78 0.00	40.27 2.24 0.00	33.78 1.89 0.00	33.19 1.71 0.00	31.97 1.71 0.00	31.36 1.78 0.00	34.19 2.05 0.00	35.57 2.16 0.00	35.63 2.24 0.00	45.95 2.98 0.00	57.23 3.55 0.00	53.24 3.36 0.04	54.30 3.35 0.00	53.89 3.37 0.00	53.45 3.46 0.00	52.43 3.02 0.00	40.58 2.23 0.00	41.12 2.13 0.00
DARBY___SOLAR 323810	12.94 0.61 0.00	2.44 0.13 0.00	6.56 0.35 0.00	16.10 0.81 0.00	28.36 1.27 0.00	27.97 1.29 0.00	32.44 1.55 0.00	39.87 1.84 0.00	33.12 1.23 0.00	32.56 1.08 0.00	31.31 1.06 0.00	30.53 0.94 0.00	33.16 1.02 0.00	34.46 1.04 0.00	34.64 1.25 0.00	44.39 1.42 0.00	55.87 2.20 0.00	51.96 2.08 0.03	53.04 2.09 0.00	52.80 2.28 0.00	52.17 2.18 0.00	51.59 2.18 0.00	39.96 1.62 0.00	40.44 1.45 0.00
DASHVILLE___HYD 23610	13.02 0.69 0.00	2.45 0.14 0.00	6.59 0.38 0.00	16.14 0.85 0.00	28.43 1.35 0.00	28.05 1.37 0.00	32.37 1.48 0.00	39.91 1.88 0.00	33.48 1.58 0.00	32.86 1.38 0.00	31.66 1.40 0.00	31.03 1.45 0.00	33.83 1.69 0.00	35.21 1.80 0.00	35.24 1.86 0.00	45.43 2.45 0.00	56.60 2.92 0.00	52.67 2.80 0.04	53.73 2.77 0.00	53.35 2.83 0.00	52.95 2.95 0.00	51.96 2.55 0.00	40.23 1.89 0.00	40.78 1.79 0.00
DELAWARE___LFGE 323621	12.70 0.37 0.00	2.39 0.08 0.00	6.43 0.21 0.00	15.76 0.48 0.00	27.81 0.72 0.00	27.43 0.75 0.00	31.70 0.81 0.00	39.04 1.01 0.00	32.78 0.88 0.00	32.35 0.87 0.00	31.11 0.85 0.00	30.44 0.86 0.00	33.08 0.94 0.00	34.37 0.96 0.00	34.38 0.99 0.00	44.23 1.26 0.00	55.09 1.42 0.00	51.09 1.31 0.14	52.33 1.38 0.00	51.98 1.46 0.00	51.51 1.52 0.00	50.63 1.22 0.00	39.22 0.88 0.00	39.85 0.86 0.00
DERFIELD_115KV_TB7 355931	12.37 0.04 0.00	2.32 0.01 0.00	6.24 0.03 0.00	15.34 0.06 0.00	27.12 0.04 0.00	26.72 0.04 0.00	30.92 0.04 0.00	38.07 0.04 0.00	31.92 0.02 0.00	31.48 0.00 0.00	30.26 0.00 0.00	29.58 0.00 0.00	32.14 0.00 0.00	33.42 0.00 0.00	33.42 0.03 0.00	43.02 0.05 0.00	53.73 0.05 0.00	49.97 0.05 0.00	51.00 0.05 0.00	50.59 0.06 0.00	50.08 0.09 0.00	49.42 0.00 0.00	38.34 0.00 0.00	38.96 -0.03 0.00
DOGLEVILLE___HYD 23807	12.43 0.10 0.00	2.34 0.03 0.00	6.36 0.14 0.00	15.62 0.33 0.00	27.44 0.36 0.00	27.11 0.43 0.00	31.25 0.37 0.00	38.32 0.28 0.00	31.95 0.05 0.00	31.19 -0.29 0.00	30.01 -0.25 0.00	29.23 -0.36 0.00	31.61 -0.52 0.00	32.91 -0.51 0.00	33.15 -0.24 0.00	42.74 -0.23 0.00	53.81 0.13 0.00	50.09 0.17 0.00	51.25 0.30 0.00	51.06 0.54 0.00	50.54 0.54 0.00	49.76 0.35 0.00	38.52 0.17 0.00	38.99 0.00 0.00
DUNKIRK__115KV_TB_200 55889	11.98 -0.35 0.00	2.26 -0.06 0.00	6.03 -0.19 0.00	14.75 -0.54 0.00	25.67 -1.41 0.00	24.38 -1.40 0.90	29.19 -1.51 0.19	35.34 -1.56 1.14	30.76 -1.14 0.00	22.22 -0.61 8.65	17.91 -0.52 11.83	19.12 -0.46 9.99	18.99 -0.71 12.44	23.44 -1.11 8.87	17.72 -1.70 13.96	24.36 -2.71 15.90	30.60 -4.86 18.21	27.49 -4.40 18.03	32.49 -3.60 14.86	47.73 -2.79 0.00	48.13 -1.86 0.00	46.77 -2.64 0.00	35.74 -2.60 0.00	36.92 -2.07 0.00
DUNKIRK___1 23563	11.98 -0.35 0.00	2.26 -0.06 0.00	6.03 -0.19 0.00	14.75 -0.54 0.00	25.67 -1.41 0.00	24.38 -1.40 0.90	29.19 -1.51 0.19	35.34 -1.56 1.14	30.76 -1.14 0.00	22.22 -0.61 8.65	17.91 -0.52 11.83	19.12 -0.46 9.99	18.99 -0.71 12.44	23.44 -1.11 8.87	17.72 -1.70 13.96	24.36 -2.71 15.90	30.60 -4.86 18.21	27.49 -4.40 18.03	32.49 -3.60 14.86	47.73 -2.79 0.00	48.13 -1.86 0.00	46.77 -2.64 0.00	35.74 -2.60 0.00	36.92 -2.07 0.00
DUNKIRK___2 23564	11.98 -0.35 0.00	2.26 -0.06 0.00	6.03 -0.19 0.00	14.75 -0.54 0.00	25.67 -1.41 0.00	24.38 -1.40 0.90	29.19 -1.51 0.19	35.34 -1.56 1.14	30.76 -1.14 0.00	22.22 -0.61 8.65	17.91 -0.52 11.83	19.12 -0.46 9.99	18.99 -0.71 12.44	23.44 -1.11 8.87	17.72 -1.70 13.96	24.36 -2.71 15.90	30.60 -4.86 18.21	27.49 -4.40 18.03	32.49 -3.60 14.86	47.73 -2.79 0.00	48.13 -1.86 0.00	46.77 -2.64 0.00	35.74 -2.60 0.00	36.92 -2.07 0.00
DUNKIRK___3 23565	11.93 -0.40 0.00	2.24 -0.06 0.00	6.01 -0.21 0.00	14.71 -0.58 0.00	25.63 -1.45 0.00	24.25 -1.46 0.97	29.05 -1.64 0.20	35.02 -1.81 1.20	30.57 -1.33 0.00	21.58 -0.75 9.15	17.09 -0.66 12.51	18.43 -0.58 10.57	18.13 -0.85 13.15	22.86 -1.18 9.38	16.89 -1.73 14.76	23.41 -2.74 16.82	29.49 -4.90 19.29	26.10 -4.49 19.33	31.18 -3.84 15.94	47.42 -3.11 0.00	47.84 -2.15 0.00	46.55 -2.86 0.00	35.62 -2.72 0.00	36.75 -2.24 0.00
DUNKIRK___4 23566	11.93 -0.40 0.00	2.24 -0.06 0.00	6.01 -0.21 0.00	14.71 -0.58 0.00	25.63 -1.45 0.00	24.25 -1.46 0.97	29.05 -1.64 0.20	35.02 -1.81 1.20	30.57 -1.33 0.00	21.58 -0.75 9.15	17.09 -0.66 12.51	18.43 -0.58 10.57	18.13 -0.85 13.15	22.86 -1.18 9.38	16.89 -1.73 14.76	23.41 -2.74 16.82	29.49 -4.90 19.29	26.10 -4.49 19.33	31.18 -3.84 15.94	47.42 -3.11 0.00	47.84 -2.15 0.00	46.55 -2.86 0.00	35.62 -2.72 0.00	36.75 -2.24 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	13.15 0.82 0.00	2.47 0.16 0.00	6.65 0.43 0.00	16.26 0.98 0.00	28.66 1.58 0.00	28.28 1.60 0.00	32.63 1.74 0.00	40.21 2.18 0.00	33.80 1.91 0.00	33.30 1.76 -0.07	32.08 1.82 0.00	31.51 1.92 0.00	34.32 2.19 0.00	35.68 2.26 0.00	35.73 2.34 0.00	46.06 3.09 0.00	57.27 3.59 0.00	53.22 3.35 0.04	54.22 3.27 0.00	53.78 3.26 0.00	53.37 3.37 0.00	52.37 2.96 0.00	40.60 2.25 0.00	41.13 2.14 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	13.05 0.72 0.00	2.45 0.14 0.00	6.60 0.39 0.00	16.16 0.88 0.00	28.49 1.41 0.00	28.11 1.43 0.00	32.47 1.58 0.00	40.02 1.98 0.00	33.57 1.67 0.00	32.95 1.50 0.02	31.76 1.50 0.00	31.17 1.58 0.00	33.97 1.83 0.00	35.34 1.92 0.00	35.39 2.00 0.00	45.65 2.68 0.00	56.85 3.18 0.00	52.89 3.01 0.04	53.94 2.98 0.00	53.53 3.01 0.00	53.10 3.11 0.00	52.10 2.68 0.00	40.33 1.99 0.00	40.88 1.89 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	13.75 0.93 -0.49	2.48 0.17 0.00	6.66 0.45 0.00	16.29 1.00 0.00	28.65 1.57 0.00	28.26 1.58 0.00	32.65 1.76 0.00	40.52 2.48 0.00	34.40 2.15 -0.35	34.58 1.89 -1.22	32.86 1.93 -0.68	31.56 1.98 0.00	34.20 2.06 0.00	35.63 2.22 0.00	35.67 2.28 0.00	46.41 3.09 -0.34	57.25 3.58 0.00	53.22 3.34 0.04	54.19 3.24 0.00	53.71 3.19 0.00	53.33 3.34 0.00	52.36 2.95 0.00	40.62 2.28 0.00	41.13 2.15 0.00

E179THST_13_KV_LOAD 356214	13.80 0.98 -0.49	2.49 0.18 0.00	6.69 0.47 0.00	16.34 1.05 0.00	28.74 1.66 0.00	28.35 1.67 0.00	32.77 1.88 0.00	40.69 2.65 0.00	34.54 2.29 -0.35	34.73 2.03 -1.22	33.00 2.06 -0.68	31.69 2.11 0.00	34.36 2.22 0.00	35.80 2.39 0.00	35.83 2.45 0.00	46.62 3.31 -0.34	57.52 3.84 0.00	53.45 3.58 0.04	54.44 3.49 0.00	53.96 3.44 0.00	53.56 3.57 0.00	52.58 3.17 0.00	40.80 2.46 0.00	41.29 2.30 0.00
EAST HAMPTON___GT 23717	66.44 0.78 -53.34	54.37 0.15 -51.91	42.93 0.50 -36.22	30.05 1.19 -13.57	30.69 2.09 -1.52	28.43 1.75 0.00	33.08 2.19 0.00	42.46 2.29 -2.14	53.85 2.60 -19.35	59.18 1.99 -25.71	39.80 2.75 -6.79	39.42 2.80 -7.04	36.58 3.10 -1.35	41.93 2.95 -5.56	45.93 2.99 -9.56	101.47 3.77 -54.73	102.52 4.33 -44.51	149.25 3.68 -95.65	182.26 2.86 -128.44	155.92 2.72 -102.69	70.35 4.40 -15.96	54.07 4.03 -0.63	60.31 2.93 -19.04	41.44 2.45 0.00
EAST RIVER___6 23660	13.23 0.90 0.00	2.49 0.18 0.00	6.68 0.47 0.00	16.33 1.04 0.00	28.78 1.70 0.00	28.42 1.74 0.00	32.83 1.94 0.00	40.54 2.50 0.00	34.14 2.24 0.00	33.64 2.09 -0.07	32.44 2.19 0.00	31.88 2.30 0.00	34.71 2.57 0.00	36.07 2.65 0.00	36.12 2.74 0.00	46.55 3.57 0.00	57.80 4.12 0.00	53.72 3.84 0.04	54.66 3.71 0.00	54.20 3.68 0.00	53.78 3.79 0.00	52.73 3.32 0.00	40.88 2.54 0.00	41.40 2.42 0.00
EAST RIVER___7 23524	13.23 0.90 0.00	2.49 0.18 0.00	6.68 0.47 0.00	16.33 1.04 0.00	28.78 1.70 0.00	28.42 1.74 0.00	32.83 1.94 0.00	40.54 2.50 0.00	34.14 2.24 0.00	33.64 2.09 -0.07	32.44 2.19 0.00	31.88 2.30 0.00	34.71 2.57 0.00	36.07 2.65 0.00	36.12 2.74 0.00	46.55 3.57 0.00	57.80 4.12 0.00	53.72 3.84 0.04	54.66 3.71 0.00	54.20 3.68 0.00	53.78 3.79 0.00	52.73 3.32 0.00	40.88 2.54 0.00	41.40 2.42 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	13.11 0.79 0.00	2.46 0.15 0.00	6.63 0.42 0.00	16.22 0.94 0.00	28.59 1.51 0.00	28.20 1.52 0.00	32.56 1.68 0.00	40.14 2.10 0.00	33.74 1.84 0.00	33.23 1.68 -0.07	32.01 1.74 0.00	31.43 1.84 0.00	34.23 2.09 0.00	35.58 2.17 0.00	35.63 2.24 0.00	45.95 2.98 0.00	57.14 3.46 0.00	53.12 3.24 0.04	54.11 3.15 0.00	53.67 3.15 0.00	53.25 3.26 0.00	52.25 2.84 0.00	40.50 2.16 0.00	41.04 2.05 0.00
EAST_HAMPTON___DIESEL 23722	66.41 0.74 -53.34	54.36 0.15 -51.91	42.92 0.49 -36.22	30.02 1.16 -13.57	30.65 2.04 -1.52	28.37 1.69 0.00	33.02 2.13 0.00	42.39 2.21 -2.14	53.81 2.57 -19.35	59.12 1.93 -25.71	39.79 2.73 -6.79	39.42 2.80 -7.04	36.59 3.10 -1.35	41.91 2.94 -5.56	45.91 2.96 -9.56	101.43 3.73 -54.73	102.46 4.27 -44.51	149.16 3.59 -95.65	182.14 2.75 -128.44	155.79 2.58 -102.69	70.22 4.26 -15.96	53.95 3.90 -0.63	60.21 2.83 -19.04	41.34 2.35 0.00
EAST_POINT___SOLAR 323840	12.92 0.59 0.00	2.42 0.11 0.00	6.50 0.29 0.00	16.00 0.71 0.00	28.35 1.27 0.00	28.04 1.36 0.00	32.57 1.68 0.00	39.85 1.82 0.00	33.46 1.56 0.00	33.06 1.58 0.00	31.73 1.47 0.00	30.81 1.23 0.00	32.98 0.85 0.00	34.42 1.01 0.00	34.62 1.24 0.00	44.02 1.05 0.00	55.61 1.94 0.00	52.04 2.17 0.05	53.46 2.51 0.00	53.62 3.10 0.00	53.41 3.42 0.00	52.53 3.12 0.00	40.48 2.13 0.00	41.05 2.06 0.00
EAST_PULASKI___ESR 323781	12.03 -0.29 0.00	2.24 -0.07 0.00	6.02 -0.19 0.00	14.84 -0.46 0.00	26.20 -0.88 0.00	25.86 -0.82 0.00	30.08 -0.80 0.00	37.11 -0.93 0.00	31.17 -0.73 0.00	30.81 -0.68 0.00	29.58 -0.67 0.00	28.87 -0.71 0.00	31.27 -0.87 0.00	32.52 -0.89 0.00	32.49 -0.90 0.00	41.86 -1.11 0.00	52.20 -1.48 0.00	48.59 -1.34 0.00	49.75 -1.20 0.00	49.40 -1.12 0.00	48.98 -1.01 0.00	48.21 -1.21 0.00	37.24 -1.11 0.00	37.84 -1.14 0.00
EAST_RIVER___1 323558	13.20 0.88 0.00	2.48 0.17 0.00	6.67 0.46 0.00	16.30 1.02 0.00	28.73 1.65 0.00	28.36 1.68 0.00	32.75 1.86 0.00	40.42 2.39 0.00	34.03 2.14 0.00	33.52 1.98 -0.07	32.32 2.07 0.00	31.76 2.18 0.00	34.57 2.43 0.00	35.94 2.52 0.00	35.98 2.59 0.00	46.38 3.40 0.00	57.57 3.90 0.00	53.52 3.64 0.04	54.47 3.52 0.00	54.01 3.49 0.00	53.60 3.61 0.00	52.58 3.16 0.00	40.77 2.43 0.00	41.30 2.31 0.00
EAST_RIVER___2 323559	13.23 0.90 0.00	2.49 0.18 0.00	6.68 0.47 0.00	16.33 1.04 0.00	28.78 1.70 0.00	28.42 1.74 0.00	32.83 1.94 0.00	40.54 2.50 0.00	34.14 2.24 0.00	33.64 2.09 -0.07	32.44 2.19 0.00	31.88 2.30 0.00	34.71 2.57 0.00	36.07 2.65 0.00	36.12 2.74 0.00	46.55 3.57 0.00	57.80 4.12 0.00	53.72 3.84 0.04	54.66 3.71 0.00	54.20 3.68 0.00	53.78 3.79 0.00	52.73 3.32 0.00	40.88 2.54 0.00	41.40 2.42 0.00
EAST___DELAWARE_HYD 23607	13.15 0.82 0.00	2.48 0.17 0.00	6.69 0.47 0.00	16.39 1.10 0.00	28.89 1.81 0.00	28.52 1.84 0.00	32.98 2.09 0.00	40.63 2.60 0.00	34.01 2.12 0.00	33.39 1.93 0.02	32.14 1.88 0.00	31.54 1.96 0.00	34.40 2.26 0.00	35.73 2.31 0.00	35.80 2.41 0.00	46.15 3.18 0.00	57.48 3.80 0.00	53.60 3.73 0.05	54.72 3.77 0.00	54.39 3.87 0.00	53.95 3.96 0.00	52.87 3.46 0.00	40.89 2.55 0.00	41.46 2.47 0.00
EIGHT_POINT___WT_PWR 323820	12.09 -0.23 0.00	2.25 -0.06 0.00	6.05 -0.17 0.00	14.87 -0.42 0.00	25.73 -1.35 0.00	28.06 -1.73 -3.11	29.73 -1.79 -0.63	40.13 -1.70 -3.79	30.48 -1.42 0.00	59.08 -1.42 -29.02	68.27 -1.53 -39.54	61.40 -1.63 -33.44	71.90 -1.77 -41.53	61.08 -1.96 -29.62	77.97 -1.99 -46.58	93.40 -2.68 -53.11	110.29 -4.88 -61.49	102.00 -4.86 -56.93	93.64 -4.32 -47.00	48.24 -2.28 0.00	49.08 -0.91 0.00	48.00 -1.41 0.00	36.53 -1.81 0.00	37.40 -1.59 0.00
ELBRIDGE_115KV_TB2 80188	12.15 -0.18 0.00	2.28 -0.03 0.00	6.12 -0.09 0.00	15.03 -0.26 0.00	26.56 -0.52 0.00	26.17 -0.51 0.00	30.33 -0.56 0.00	37.31 -0.72 0.00	31.33 -0.57 0.00	30.95 -0.53 0.00	29.76 -0.50 0.00	29.04 -0.55 0.00	31.49 -0.65 0.00	32.71 -0.70 0.00	32.61 -0.77 0.00	41.89 -1.09 0.00	52.21 -1.47 0.00	48.62 -1.30 0.00	49.75 -1.20 0.00	49.49 -1.03 0.00	49.06 -0.93 0.00	48.34 -1.07 0.00	37.36 -0.98 0.00	38.01 -0.98 0.00
ELEC_TRO_TEK 24086	113.97 0.91 -100.73	97.25 0.18 -94.76	72.81 0.48 -66.12	41.13 1.08 -24.77	31.61 1.75 -2.78	28.41 1.73 0.00	32.77 1.87 -0.01	44.57 2.29 -4.25	72.90 2.03 -38.97	88.19 1.88 -54.84	49.34 1.98 -17.11	44.47 2.03 -12.85	36.89 2.30 -2.46	45.93 2.35 -10.16	53.32 2.48 -17.45	148.58 3.31 -102.30	146.71 3.84 -89.19	228.21 3.72 -174.57	288.43 3.69 -233.79	241.58 3.75 -187.30	89.37 4.09 -35.29	55.29 3.68 -2.20	79.14 2.82 -37.97	41.63 2.64 0.00
ELLENBURG_WT_PWR 323604	12.09 -0.24 0.00	2.24 -0.07 0.00	6.03 -0.19 0.00	14.99 -0.30 0.00	26.80 -0.28 0.00	26.47 -0.21 0.00	30.74 -0.14 0.00	38.01 -0.02 0.00	31.82 -0.07 0.00	31.45 -0.03 0.00	30.22 -0.04 0.00	29.55 -0.01 0.00	32.12 -0.01 0.00	33.42 0.01 0.00	33.32 -0.07 0.00	42.77 -0.20 0.00	53.61 -0.06 0.00	49.64 -0.28 0.00	50.69 -0.26 0.00	50.36 -0.16 0.00	49.60 -0.39 0.00	49.35 -0.06 0.00	38.38 0.03 0.00	39.16 0.17 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	11.74 -0.59 0.00	2.21 -0.10 0.00	5.90 -0.32 0.00	14.46 -0.82 0.00	25.29 -1.79 0.00	23.85 -1.80 1.03	28.61 -2.07 0.21	34.22 -2.55 1.26	30.01 -1.89 0.00	20.65 -1.24 9.59	15.97 -1.16 13.12	17.46 -1.04 11.09	16.94 -1.40 13.80	21.96 -1.62 9.83	15.74 -2.17 15.48	22.03 -3.30 17.64	27.83 -5.61 20.24	24.09 -5.30 20.54	29.28 -4.84 16.83	46.37 -4.15 0.00	46.88 -3.11 0.00	45.76 -3.65 0.00	35.07 -3.28 0.00	36.15 -2.84 0.00
EMPIRE_CC_1 323656	12.81 0.48 0.00	2.41 0.10 0.00	6.50 0.29 0.00	15.94 0.66 0.00	28.10 1.02 0.00	27.67 0.99 0.00	31.99 1.11 0.00	39.34 1.30 0.00	32.80 0.90 0.00	32.23 0.74 -0.01	30.88 0.62 0.00	30.07 0.48 0.00	32.68 0.54 0.00	34.04 0.63 0.00	34.20 0.81 0.00	43.98 1.01 0.00	55.21 1.54 0.00	51.49 1.60 0.03	52.38 1.43 0.00	51.86 1.34 0.00	51.30 1.31 0.00	50.69 1.27 0.00	39.37 1.03 0.00	39.94 0.95 0.00
EMPIRE_CC_2 323658	12.81 0.48 0.00	2.41 0.10 0.00	6.50 0.29 0.00	15.94 0.66 0.00	28.10 1.02 0.00	27.67 0.99 0.00	31.99 1.11 0.00	39.34 1.30 0.00	32.80 0.90 0.00	32.23 0.74 -0.01	30.88 0.62 0.00	30.07 0.48 0.00	32.68 0.54 0.00	34.04 0.63 0.00	34.20 0.81 0.00	43.98 1.01 0.00	55.21 1.54 0.00	51.49 1.60 0.03	52.38 1.43 0.00	51.86 1.34 0.00	51.30 1.31 0.00	50.69 1.27 0.00	39.37 1.03 0.00	39.94 0.95 0.00
ENORWICH_115KV_TB1 80156	12.99 0.67 0.00	2.44 0.12 0.00	6.51 0.29 0.00	15.92 0.63 0.00	28.31 1.23 0.00	28.23 1.39 -0.17	32.69 1.77 -0.03	40.29 2.04 -0.21	33.78 1.88 0.00	34.76 1.68 -1.60	34.15 1.73 -2.17	32.89 1.46 -1.84	35.94 1.52 -2.28	36.70 1.66 -1.63	37.67 1.74 -2.55	48.08 2.19 -2.92	59.77 2.60 -3.49	55.49 2.50 -3.07	58.14 3.26 -3.93	53.91 3.39 0.00	53.12 3.13 0.00	52.28 2.87 0.00	40.38 2.04 0.00	41.13 2.15 0.00
ERIE_ST__34_KV_TB1-2 80199	11.85 -0.48 0.00	2.23 -0.08 0.00	5.96 -0.25 0.00	14.62 -0.66 0.00	25.58 -1.50 0.00	24.32 -1.48 0.88	28.96 -1.75 0.18	34.86 -2.11 1.07	30.39 -1.51 0.00	22.51 -0.80 8.16	18.35 -0.74 11.16	19.50 -0.66 9.43	19.44 -0.96 11.74	23.90 -1.15 8.37	18.54 -1.68 13.17	25.33 -2.63 15.01	31.70 -4.74 17.23	27.92 -4.33 17.67	32.66 -3.78 14.52	47.29 -3.85 0.00	47.76 -2.77 0.00	46.60 -2.81 0.00	35.72 -2.62 0.00	36.76 -2.23 0.00
ERIE_WT_PWR 323693	11.79 -0.54 0.00	2.21 -0.09 0.00	5.92 -0.30 0.00	14.52 -0.77 0.00	25.37 -1.71 0.00	23.98 -1.72 0.98	28.72 -1.97 0.20	34.45 -2.38 1.20	30.12 -1.78 0.00	21.19 -1.12 9.17	16.67 -1.04 12.54	18.04 -0.94 10.60	17.65 -1.30 13.19	22.52 -1.49 9.40	16.56 -2.03 14.80	23.01 -3.10 16.86	29.04 -5.28 19.35	25.28 -5.00 19.64	30.29 -4.50 16.17	46.67 -3.85 0.00	47.23 -2.77 0.00	46.08 -3.33 0.00	35.32 -3.02 0.00	36.38 -2.61 0.00
ESPRGFLD_115KV_TB1 80157	12.72 0.39 0.00	2.38 0.07 0.00	6.39 0.18 0.00	15.72 0.44 0.00	27.86 0.78 0.00	27.54 0.86 0.00	31.96 1.07 0.00	39.32 1.29 0.00	33.06 1.16 0.00	32.82 1.34 0.00	31.53 1.27 0.00	30.84 1.26 0.00	33.41 1.27 0.00	34.65 1.23 0.00	34.62 1.23 0.00	44.38 1.41 0.00	55.39 1.71 0.00	51.29 1.45 0.07	52.68 1.73 0.00	52.66 2.14 0.00	52.39 2.40 0.00	51.52 2.11 0.00	39.75 1.40 0.00	40.38 1.39 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	12.50 0.17 0.00	2.35 0.04 0.00	6.31 0.09 0.00	15.48 0.19 0.00	27.30 0.22 0.00	27.18 0.22 -0.28	31.26 0.31 -0.06	38.82 0.43 -0.35	32.31 0.41 0.00	34.58 0.45 -2.65	34.23 0.41 -3.56	32.89 0.27 -3.03	36.18 0.31 -3.73	36.33 0.25 -2.67	37.72 0.16 -4.17	47.81 0.05 -4.79	59.58 0.02 -5.88	55.28 0.03 -5.33	58.89 0.41 -7.52	51.18 0.65 0.00	50.82 0.83 0.00	49.94 0.53 0.00	38.53 0.19 0.00	39.19 0.20 0.00
ETNA____115KV_TB2 80207	12.50 0.17 0.00	2.35 0.04 0.00	6.31 0.09 0.00	15.48 0.19 0.00	27.30 0.22 0.00	27.18 0.22 -0.28	31.26 0.31 -0.06	38.82 0.43 -0.35	32.31 0.41 0.00	34.58 0.45 -2.65	34.23 0.41 -3.56	32.89 0.27 -3.03	36.18 0.31 -3.73	36.33 0.25 -2.67	37.72 0.16 -4.17	47.81 0.05 -4.79	59.58 0.02 -5.88	55.28 0.03 -5.33	58.89 0.41 -7.52	51.18 0.65 0.00	50.82 0.83 0.00	49.94 0.53 0.00	38.53 0.19 0.00	39.19 0.20 0.00
EUCLID__115KV_TB2 356179	12.14 -0.19 0.00	2.28 -0.03 0.00	6.13 -0.09 0.00	15.04 -0.25 0.00	26.54 -0.54 0.00	26.14 -0.54 0.00	30.27 -0.61 0.00	37.28 -0.76 0.00	31.30 -0.60 0.00	30.95 -0.53 0.00	29.76 -0.50 0.00	29.10 -0.49 0.00	31.57 -0.57 0.00	32.79 -0.63 0.00	32.70 -0.68 0.00	42.02 -0.95 0.00	52.29 -1.38 0.00	48.64 -1.28 0.00	49.74 -1.22 0.00	49.44 -1.08 0.00	49.07 -0.92 0.00	48.29 -1.12 0.00	37.34 -1.00 0.00	37.98 -1.01 0.00
E_CANADA_CAP_HY 24051	12.75 0.42 0.00	2.38 0.07 0.00	6.39 0.18 0.00	15.75 0.47 0.00	27.95 0.86 0.00	27.63 0.95 0.00	32.10 1.22 0.00	39.38 1.35 0.00	33.03 1.14 0.00	32.83 1.35 0.00	31.48 1.22 0.00	30.74 1.16 0.00	33.21 1.07 0.00	34.48 1.07 0.00	34.50 1.11 0.00	44.16 1.19 0.00	55.35 1.68 0.00	51.27 1.40 0.05	52.66 1.70 0.00	52.83 2.31 0.00	52.67 2.68 0.00	51.88 2.47 0.00	39.98 1.63 0.00	40.61 1.62 0.00
E_CANADA_MHWK_HY 24050	12.43 0.10 0.00	2.34 0.03 0.00	6.36 0.14 0.00	15.62 0.33 0.00	27.44 0.36 0.00	27.11 0.43 0.00	31.25 0.37 0.00	38.31 0.28 0.00	31.95 0.05 0.00	31.19 -0.29 0.00	30.00 -0.25 0.00	29.23 -0.36 0.00	31.61 -0.52 0.00	32.91 -0.51 0.00	33.15 -0.24 0.00	42.73 -0.24 0.00	53.81 0.13 0.00	50.09 0.17 0.00	51.25 0.30 0.00	51.06 0.54 0.00	50.54 0.54 0.00	49.76 0.35 0.00	38.52 0.17 0.00	38.99 0.00 0.00
E_FISHKILL__LBMP 23776	13.02 0.69 0.00	2.45 0.14 0.00	6.59 0.38 0.00	16.13 0.84 0.00	28.43 1.35 0.00	28.04 1.36 0.00	32.37 1.48 0.00	39.89 1.86 0.00	33.49 1.60 0.00	32.94 1.44 -0.02	31.74 1.48 0.00	31.14 1.55 0.00	33.92 1.78 0.00	35.27 1.85 0.00	35.31 1.92 0.00	45.53 2.56 0.00	56.67 3.00 0.00	52.70 2.82 0.04	53.70 2.75 0.00	53.27 2.75 0.00	52.84 2.85 0.00	51.87 2.46 0.00	40.20 1.86 0.00	40.76 1.77 0.00
FALCON__SEABRD_CC1 323796	12.35 0.02 0.00	2.29 -0.02 0.00	6.15 -0.06 0.00	15.28 -0.01 0.00	27.33 0.25 0.00	27.13 0.45 0.00	31.51 0.62 0.00	39.05 1.02 0.00	32.57 0.67 0.00	32.12 0.64 0.00	30.92 0.66 0.00	30.24 0.66 0.00	32.92 0.78 0.00	34.17 0.75 0.00	34.17 0.78 0.00	43.75 0.78 0.00	55.09 1.42 0.00	50.90 0.98 0.00	51.84 0.89 0.00	51.78 1.26 0.00	50.78 0.79 0.00	50.58 1.16 0.00	39.21 0.87 0.00	39.94 0.95 0.00
FALCON__SEABRD_CC2 323797	12.35 0.02 0.00	2.29 -0.02 0.00	6.15 -0.06 0.00	15.28 -0.01 0.00	27.33 0.25 0.00	27.13 0.45 0.00	31.51 0.62 0.00	39.05 1.02 0.00	32.57 0.67 0.00	32.12 0.64 0.00	30.92 0.66 0.00	30.24 0.66 0.00	32.92 0.78 0.00	34.17 0.75 0.00	34.17 0.78 0.00	43.75 0.78 0.00	55.09 1.42 0.00	50.90 0.98 0.00	51.84 0.89 0.00	51.78 1.26 0.00	50.78 0.79 0.00	50.58 1.16 0.00	39.21 0.87 0.00	39.94 0.95 0.00

FAR ROCKAWAY___4 23548	109.06 1.02 -95.72	86.79 0.20 -84.28	65.56 0.54 -58.81	38.53 1.21 -22.03	31.55 2.00 -2.47	28.66 1.97 0.00	33.04 2.15 0.00	45.04 2.60 -4.41	76.84 2.27 -42.67	96.87 2.14 -63.26	56.26 2.22 -23.78	43.32 2.30 -11.43	36.93 2.60 -2.19	45.15 2.67 -9.06	51.68 2.78 -15.52	141.98 3.68 -95.32	151.69 4.16 -93.86	209.68 4.03 -155.73	264.89 4.01 -209.93	220.41 4.06 -165.83	130.74 4.66 -76.09	70.77 4.29 -17.07	97.98 3.28 -56.35	42.10 3.11 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.29 1.01 0.00	28.71 1.63 0.00	28.34 1.66 0.00	32.72 1.83 0.00	40.38 2.35 0.00	34.00 2.10 0.00	33.49 1.94 -0.07	32.30 2.04 0.00	31.73 2.15 0.00	34.54 2.40 0.00	35.90 2.48 0.00	35.94 2.56 0.00	46.33 3.36 0.00	57.52 3.84 0.00	53.46 3.58 0.04	54.42 3.47 0.00	53.96 3.44 0.00	53.54 3.55 0.00	52.52 3.11 0.00	40.74 2.39 0.00	41.27 2.28 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	13.20 0.87 0.00	2.48 0.17 0.00	6.67 0.46 0.00	16.30 1.01 0.00	28.72 1.64 0.00	28.35 1.67 0.00	32.74 1.85 0.00	40.40 2.37 0.00	34.01 2.12 0.00	33.50 1.95 -0.07	32.30 2.05 0.00	31.74 2.15 0.00	34.54 2.40 0.00	35.90 2.49 0.00	35.94 2.56 0.00	46.33 3.36 0.00	57.54 3.86 0.00	53.47 3.59 0.04	54.45 3.49 0.00	53.98 3.46 0.00	53.57 3.58 0.00	52.54 3.13 0.00	40.75 2.41 0.00	41.29 2.30 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.29 1.00 0.00	28.70 1.62 0.00	28.34 1.66 0.00	32.71 1.82 0.00	40.37 2.34 0.00	33.98 2.09 0.00	33.48 1.94 -0.07	32.29 2.03 0.00	31.73 2.15 0.00	34.53 2.39 0.00	35.90 2.48 0.00	35.94 2.55 0.00	46.32 3.35 0.00	57.52 3.84 0.00	53.45 3.58 0.04	54.42 3.46 0.00	53.94 3.42 0.00	53.53 3.54 0.00	52.50 3.08 0.00	40.72 2.38 0.00	41.25 2.27 0.00
FARRAGUT___LBMP 323566	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.68 1.60 0.00	28.32 1.64 0.00	32.68 1.79 0.00	40.33 2.30 0.00	33.95 2.05 0.00	33.44 1.90 -0.07	32.25 2.00 0.00	31.70 2.11 0.00	34.48 2.34 0.00	35.85 2.44 0.00	35.89 2.51 0.00	46.27 3.30 0.00	57.45 3.78 0.00	53.39 3.51 0.04	54.36 3.41 0.00	53.89 3.37 0.00	53.48 3.49 0.00	52.46 3.05 0.00	40.69 2.35 0.00	41.22 2.23 0.00
FENNER___WINDPWR 24204	12.44 0.11 0.00	2.33 0.02 0.00	6.27 0.06 0.00	15.42 0.13 0.00	27.21 0.12 0.00	26.83 0.15 0.00	31.13 0.25 0.00	38.44 0.41 0.00	32.24 0.35 0.00	31.90 0.42 0.00	30.67 0.41 0.00	29.96 0.37 0.00	32.54 0.40 0.00	33.82 0.41 0.00	33.82 0.43 0.00	43.51 0.54 0.00	54.29 0.61 0.00	50.49 0.62 0.06	52.26 0.75 -0.55	51.34 0.82 0.00	50.88 0.89 0.00	50.10 0.68 0.00	38.72 0.38 0.00	39.34 0.35 0.00
FIBERTEK___ENERGY 23856	12.22 -0.10 0.00	2.29 -0.02 0.00	6.16 -0.05 0.00	15.13 -0.15 0.00	26.71 -0.37 0.00	26.32 -0.36 0.00	30.50 -0.38 0.00	37.55 -0.48 0.00	31.53 -0.37 0.00	31.14 -0.34 0.00	29.97 -0.29 0.00	29.27 -0.32 0.00	31.74 -0.40 0.00	32.98 -0.44 0.00	32.89 -0.50 0.00	42.25 -0.72 0.00	52.63 -1.05 0.00	49.01 -0.91 0.00	50.14 -0.81 0.00	49.86 -0.66 0.00	49.44 -0.55 0.00	48.66 -0.75 0.00	37.60 -0.74 0.00	38.25 -0.74 0.00
FITZPATRICK___ 23598	11.97 -0.36 0.00	2.25 -0.06 0.00	6.04 -0.18 0.00	14.82 -0.46 0.00	26.19 -0.89 0.00	25.80 -0.88 0.00	29.87 -1.02 0.00	36.73 -1.31 0.00	30.83 -1.07 0.00	30.47 -1.01 0.00	29.29 -0.97 0.00	28.63 -0.95 0.00	31.06 -1.08 0.00	32.28 -1.13 0.00	32.21 -1.18 0.00	41.40 -1.57 0.00	51.58 -2.10 0.00	48.00 -1.96 -0.04	49.04 -1.92 0.00	48.72 -1.79 0.00	48.32 -1.67 0.00	47.61 -1.80 0.00	36.85 -1.49 0.00	37.49 -1.49 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	13.15 0.82 0.00	2.47 0.16 0.00	6.66 0.44 0.00	16.29 1.00 0.00	28.70 1.62 0.00	28.32 1.64 0.00	32.73 1.84 0.00	40.34 2.31 0.00	33.85 1.95 0.00	33.25 1.77 0.00	32.03 1.77 0.00	31.42 1.83 0.00	34.26 2.12 0.00	35.64 2.22 0.00	35.70 2.31 0.00	46.04 3.07 0.00	57.34 3.66 0.00	53.34 3.46 0.04	54.40 3.45 0.00	53.99 3.47 0.00	53.55 3.56 0.00	52.53 3.12 0.00	40.65 2.31 0.00	41.19 2.20 0.00
FORT ORANGE___ 23900	12.69 0.37 0.00	2.39 0.08 0.00	6.44 0.23 0.00	15.79 0.51 0.00	27.83 0.75 0.00	27.42 0.73 0.00	31.69 0.81 0.00	38.98 0.95 0.00	32.46 0.57 0.00	31.85 0.37 0.00	30.59 0.33 0.00	29.89 0.30 0.00	32.54 0.41 0.00	33.90 0.49 0.00	34.05 0.66 0.00	43.87 0.90 0.00	54.99 1.31 0.00	51.20 1.31 0.03	52.21 1.25 0.00	51.62 1.09 0.00	51.10 1.11 0.00	50.37 0.96 0.00	39.05 0.71 0.00	39.66 0.67 0.00
FORT_DRUM_COGEN 23780	12.06 -0.27 0.00	2.20 -0.11 0.00	5.91 -0.30 0.00	14.67 -0.62 0.00	25.95 -1.13 0.00	25.72 -0.96 0.00	30.31 -0.57 0.00	37.58 -0.45 0.00	31.61 -0.29 0.00	31.30 -0.18 0.00	29.96 -0.30 0.00	29.12 -0.46 0.00	31.43 -0.71 0.00	32.73 -0.69 0.00	32.75 -0.63 0.00	42.53 -0.45 0.00	53.15 -0.53 0.00	49.46 -0.47 0.00	50.93 -0.02 0.00	50.47 -0.05 0.00	49.96 -0.04 0.00	49.12 -0.29 0.00	37.94 -0.40 0.00	38.45 -0.54 0.00
FOX_HILLS___ESR 323835	13.16 0.83 0.00	2.47 0.16 0.00	6.65 0.43 0.00	16.26 0.97 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.74 1.85 -0.01	40.69 2.23 -0.42	33.95 2.05 0.00	33.42 1.88 -0.07	32.23 1.97 0.00	31.75 2.10 -0.07	34.46 2.32 0.00	35.82 2.41 0.00	37.16 2.53 -1.25	46.56 3.27 -0.32	57.14 3.47 0.00	53.29 3.42 0.04	54.32 3.36 0.00	53.78 3.26 0.00	53.41 3.42 0.00	52.45 3.04 0.00	48.41 2.35 -7.72	41.26 2.27 0.00
FPL_FAR_ROCK_GT1 24212	109.06 1.01 -95.72	86.79 0.20 -84.28	65.56 0.54 -58.81	38.53 1.21 -22.03	31.55 1.99 -2.47	28.66 1.97 0.00	33.04 2.15 0.00	45.04 2.59 -4.41	76.83 2.26 -42.67	96.85 2.11 -63.26	56.24 2.21 -23.78	43.31 2.30 -11.43	36.92 2.60 -2.19	45.15 2.67 -9.06	51.69 2.78 -15.52	141.97 3.67 -95.32	151.66 4.13 -93.86	209.68 4.03 -155.73	264.89 4.00 -209.93	220.41 4.06 -165.83	130.75 4.66 -76.09	70.77 4.29 -17.07	97.98 3.28 -56.35	42.10 3.11 0.00
FPL_FAR_ROCK_GT2 23815	109.06 1.01 -95.72	86.79 0.20 -84.28	65.56 0.54 -58.81	38.53 1.21 -22.03	31.55 1.99 -2.47	28.66 1.97 0.00	33.04 2.15 0.00	45.04 2.59 -4.41	76.83 2.26 -42.67	96.85 2.11 -63.26	56.24 2.21 -23.78	43.31 2.30 -11.43	36.92 2.60 -2.19	45.15 2.67 -9.06	51.69 2.78 -15.52	141.97 3.67 -95.32	151.66 4.13 -93.86	209.68 4.03 -155.73	264.89 4.00 -209.93	220.41 4.06 -165.83	130.75 4.66 -76.09	70.77 4.29 -17.07	97.98 3.28 -56.35	42.10 3.11 0.00
FRANKLIN_FALL_HYD 24054	12.04 -0.29 0.00	2.23 -0.08 0.00	5.99 -0.22 0.00	14.91 -0.38 0.00	26.65 -0.43 0.00	26.34 -0.34 0.00	30.66 -0.22 0.00	37.94 -0.09 0.00	31.81 -0.09 0.00	31.48 0.00 0.00	30.21 -0.04 0.00	29.52 -0.06 0.00	32.02 -0.12 0.00	33.33 -0.08 0.00	33.16 -0.22 0.00	42.58 -0.39 0.00	53.49 -0.18 0.00	49.64 -0.28 0.00	50.77 -0.19 0.00	50.48 -0.04 0.00	49.77 -0.22 0.00	49.45 0.04 0.00	38.39 0.04 0.00	39.13 0.14 0.00

FREEPORT_EQUS_GT1 23764	89.29 0.96 -76.00	73.43 0.19 -70.93	56.23 0.52 -49.49	34.99 1.16 -18.54	31.05 1.88 -2.08	28.54 1.86 0.00	32.90 2.01 0.00	43.71 2.43 -3.25	62.75 2.14 -28.71	75.97 1.99 -42.50	45.99 2.08 -13.65	41.28 2.08 -9.62	36.33 2.34 -1.84	43.41 2.39 -7.61	48.98 2.53 -13.06	123.26 3.29 -77.00	125.17 3.56 -67.93	183.30 3.61 -129.77	226.73 3.63 -172.15	193.61 3.70 -139.39	86.39 4.11 -32.29	57.28 3.94 -3.93	72.79 3.08 -31.37	41.84 2.85 0.00
FREEPORT___CT2 23818	89.29 0.96 -76.00	73.43 0.19 -70.93	56.23 0.52 -49.49	34.99 1.16 -18.54	31.05 1.88 -2.08	28.54 1.86 0.00	32.90 2.01 0.00	43.71 2.43 -3.25	62.75 2.14 -28.71	75.97 1.99 -42.50	45.99 2.08 -13.65	41.28 2.08 -9.62	36.33 2.34 -1.84	43.41 2.39 -7.61	48.98 2.53 -13.06	123.26 3.29 -77.00	125.17 3.56 -67.93	183.30 3.61 -129.77	226.73 3.63 -172.15	193.61 3.70 -139.39	86.39 4.11 -32.29	57.28 3.94 -3.93	72.79 3.08 -31.37	41.84 2.85 0.00
FRESHKLS_33_KV_LOAD 356253	13.15 0.82 0.00	2.47 0.16 0.00	6.65 0.43 0.00	16.26 0.97 0.00	28.77 1.69 0.00	28.42 1.74 0.00	32.76 1.87 -0.01	40.64 2.18 -0.42	33.88 1.98 0.00	33.34 1.79 -0.07	32.14 1.88 0.00	31.66 2.00 -0.07	34.36 2.23 0.00	35.73 2.31 0.00	37.08 2.44 -1.25	46.43 3.14 -0.32	55.71 3.25 1.21	53.23 3.35 0.04	54.27 3.31 0.00	53.71 3.19 0.00	53.37 3.38 0.00	52.43 3.01 0.00	48.39 2.33 -7.72	41.26 2.27 0.00
FULTON COGEN____ 23766	12.05 -0.28 0.00	2.26 -0.05 0.00	6.07 -0.14 0.00	14.91 -0.37 0.00	26.33 -0.75 0.00	25.94 -0.74 0.00	30.06 -0.83 0.00	37.02 -1.01 0.00	31.08 -0.82 0.00	30.70 -0.78 0.00	29.50 -0.75 0.00	28.84 -0.74 0.00	31.28 -0.87 0.00	32.52 -0.90 0.00	32.42 -0.96 0.00	41.71 -1.26 0.00	51.96 -1.71 0.00	48.35 -1.57 0.00	49.42 -1.53 0.00	49.13 -1.39 0.00	48.76 -1.23 0.00	47.99 -1.43 0.00	37.09 -1.25 0.00	37.72 -1.27 0.00
FULTON___LFGE 323630	12.89 0.57 0.00	2.42 0.11 0.00	6.49 0.28 0.00	15.96 0.67 0.00	28.26 1.18 0.00	27.91 1.23 0.00	32.36 1.47 0.00	39.64 1.60 0.00	33.22 1.32 0.00	32.88 1.40 0.00	31.57 1.31 0.00	30.80 1.21 0.00	33.25 1.11 0.00	34.57 1.15 0.00	34.61 1.22 0.00	44.25 1.28 0.00	55.62 1.95 0.00	51.22 1.34 0.05	52.78 1.83 0.00	53.20 2.68 0.00	52.96 2.97 0.00	52.14 2.73 0.00	40.24 1.90 0.00	40.82 1.83 0.00
G.F.CEMENT___DRP 24184	13.02 0.69 0.00	2.45 0.14 0.00	6.60 0.39 0.00	16.19 0.90 0.00	28.50 1.42 0.00	28.13 1.45 0.00	32.72 1.83 0.00	40.27 2.24 0.00	33.40 1.50 0.00	32.86 1.38 0.00	31.63 1.38 0.00	30.78 1.19 0.00	33.41 1.27 0.00	34.70 1.28 0.00	34.91 1.53 0.00	44.72 1.75 0.00	56.31 2.63 0.00	52.39 2.50 0.03	53.48 2.53 0.00	53.26 2.74 0.00	52.62 2.63 0.00	52.13 2.72 0.00	40.31 1.97 0.00	40.69 1.70 0.00
GARDENVILLE___LBMP 24039	11.78 -0.55 0.00	2.21 -0.10 0.00	5.92 -0.30 0.00	14.51 -0.78 0.00	25.36 -1.73 0.00	23.81 -1.74 1.13	28.67 -1.99 0.23	34.24 -2.41 1.39	30.11 -1.79 0.00	19.75 -1.15 10.58	14.71 -1.08 14.46	16.41 -0.96 12.22	15.61 -1.32 15.20	21.04 -1.54 10.84	14.25 -2.07 17.06	20.36 -3.18 19.44	25.92 -5.45 22.30	22.39 -5.12 22.42	27.82 -4.62 18.51	46.60 -3.91 0.00	47.13 -2.87 0.00	45.98 -3.44 0.00	35.22 -3.12 0.00	36.31 -2.68 0.00
GARDNVLA_35_KV_LD 355827	11.81 -0.52 0.00	2.22 -0.09 0.00	5.93 -0.29 0.00	14.54 -0.75 0.00	25.40 -1.68 0.00	24.06 -1.69 0.93	28.78 -1.91 0.19	34.57 -2.32 1.14	30.19 -1.71 0.00	21.75 -1.08 8.65	17.43 -1.00 11.83	18.69 -0.90 9.99	18.46 -1.25 12.44	23.10 -1.45 8.87	17.44 -1.99 13.96	24.00 -3.07 15.90	30.12 -5.30 18.25	26.37 -4.95 18.60	31.19 -4.47 15.30	46.77 -3.76 0.00	47.30 -2.69 0.00	46.16 -3.26 0.00	35.36 -2.98 0.00	36.42 -2.57 0.00
GELCKHM___115KV_LOAD 80723	12.17 -0.16 0.00	2.28 -0.03 0.00	6.14 -0.07 0.00	15.07 -0.22 0.00	26.60 -0.48 0.00	26.21 -0.47 0.00	30.36 -0.53 0.00	37.37 -0.67 0.00	31.37 -0.53 0.00	31.02 -0.46 0.00	29.83 -0.43 0.00	29.16 -0.42 0.00	31.63 -0.51 0.00	32.85 -0.56 0.00	32.77 -0.62 0.00	42.10 -0.87 0.00	52.42 -1.25 0.00	48.78 -1.14 0.00	49.89 -1.06 0.00	49.60 -0.92 0.00	49.20 -0.79 0.00	48.42 -0.99 0.00	37.43 -0.92 0.00	38.08 -0.91 0.00
GENERAL___MILLS 23808	11.79 -0.54 0.00	2.22 -0.09 0.00	5.92 -0.29 0.00	14.53 -0.76 0.00	25.39 -1.69 0.00	23.99 -1.71 0.98	28.73 -1.95 0.20	34.45 -2.38 1.20	30.15 -1.75 0.00	21.19 -1.12 9.17	16.66 -1.05 12.54	18.06 -0.93 10.60	17.66 -1.29 13.19	22.51 -1.50 9.40	16.55 -2.03 14.80	22.99 -3.12 16.86	28.96 -5.36 19.35	25.25 -5.03 19.64	30.26 -4.53 16.17	46.70 -3.82 0.00	47.22 -2.77 0.00	46.07 -3.34 0.00	35.30 -3.04 0.00	36.38 -2.61 0.00
GE_PLASTICS___DRP 24183	12.67 0.34 0.00	2.38 0.07 0.00	6.42 0.21 0.00	15.75 0.47 0.00	27.78 0.70 0.00	27.35 0.67 0.00	31.60 0.71 0.00	38.87 0.84 0.00	32.48 0.59 0.00	31.94 0.46 0.00	30.67 0.41 0.00	29.97 0.38 0.00	32.61 0.47 0.00	33.93 0.52 0.00	34.02 0.64 0.00	43.85 0.88 0.00	54.87 1.19 0.00	51.06 1.17 0.03	52.06 1.11 0.00	51.50 0.98 0.00	50.97 0.98 0.00	50.25 0.84 0.00	38.98 0.64 0.00	39.60 0.61 0.00
GILBOA___1 23756	12.69 0.37 0.00	2.39 0.09 0.00	6.47 0.25 0.00	15.85 0.56 0.00	27.87 0.79 0.00	27.36 0.68 0.00	31.61 0.72 0.00	38.91 0.88 0.00	32.62 0.72 0.00	32.11 0.63 0.00	30.88 0.62 0.00	30.22 0.63 0.00	32.87 0.73 0.00	34.16 0.75 0.00	34.20 0.82 0.00	44.03 1.06 0.00	54.91 1.23 0.00	51.01 1.14 0.05	52.06 1.10 0.00	51.66 1.13 0.00	51.13 1.14 0.00	50.31 0.89 0.00	39.08 0.74 0.00	39.72 0.73 0.00
GILBOA___2 23757	12.69 0.37 0.00	2.39 0.09 0.00	6.47 0.25 0.00	15.85 0.56 0.00	27.87 0.79 0.00	27.36 0.68 0.00	31.61 0.72 0.00	38.91 0.88 0.00	32.62 0.72 0.00	32.11 0.63 0.00	30.88 0.62 0.00	30.22 0.63 0.00	32.87 0.73 0.00	34.16 0.75 0.00	34.20 0.82 0.00	44.03 1.06 0.00	54.91 1.23 0.00	51.01 1.14 0.05	52.06 1.10 0.00	51.66 1.13 0.00	51.13 1.14 0.00	50.31 0.89 0.00	39.08 0.74 0.00	39.72 0.73 0.00
GILBOA___3 23758	12.69 0.37 0.00	2.39 0.09 0.00	6.47 0.25 0.00	15.85 0.56 0.00	27.87 0.79 0.00	27.36 0.68 0.00	31.61 0.72 0.00	38.91 0.88 0.00	32.62 0.72 0.00	32.11 0.63 0.00	30.88 0.62 0.00	30.22 0.63 0.00	32.87 0.73 0.00	34.16 0.75 0.00	34.20 0.82 0.00	44.03 1.06 0.00	54.91 1.23 0.00	51.01 1.14 0.05	52.06 1.10 0.00	51.66 1.13 0.00	51.13 1.14 0.00	50.31 0.89 0.00	39.08 0.74 0.00	39.72 0.73 0.00
GILBOA___4 23759	12.69 0.37 0.00	2.39 0.09 0.00	6.47 0.25 0.00	15.85 0.56 0.00	27.87 0.79 0.00	27.36 0.68 0.00	31.61 0.72 0.00	38.91 0.88 0.00	32.62 0.72 0.00	32.11 0.63 0.00	30.88 0.62 0.00	30.22 0.63 0.00	32.87 0.73 0.00	34.16 0.75 0.00	34.20 0.82 0.00	44.03 1.06 0.00	54.91 1.23 0.00	51.01 1.14 0.05	52.06 1.10 0.00	51.66 1.13 0.00	51.13 1.14 0.00	50.31 0.89 0.00	39.08 0.74 0.00	39.72 0.73 0.00

GILBOA____ 23599	12.69 0.37 0.00	2.39 0.09 0.00	6.47 0.25 0.00	15.85 0.56 0.00	27.87 0.79 0.00	27.36 0.68 0.00	31.61 0.73 0.00	38.91 0.88 0.00	32.62 0.72 0.00	32.11 0.64 0.00	30.88 0.62 0.00	30.22 0.63 0.00	32.87 0.73 0.00	34.16 0.75 0.00	34.21 0.82 0.00	44.03 1.06 0.00	54.93 1.26 0.00	51.01 1.15 0.05	52.06 1.10 0.00	51.65 1.13 0.00	51.13 1.14 0.00	50.31 0.89 0.00	39.08 0.74 0.00	39.72 0.73 0.00
GINNA____ 23603	11.50 -0.82 0.00	2.16 -0.15 0.00	5.78 -0.43 0.00	14.21 -1.08 0.00	25.02 -2.06 0.00	24.65 -2.03 0.00	28.66 -2.23 0.00	35.28 -2.76 0.00	29.72 -2.18 0.00	29.52 -1.96 0.00	28.34 -1.92 0.00	27.77 -1.81 0.00	30.01 -2.13 0.00	31.18 -2.24 0.00	30.85 -2.54 0.00	39.43 -3.54 0.00	48.58 -5.10 0.00	45.24 -4.84 -0.17	45.97 -4.57 0.41	46.42 -4.10 0.00	46.40 -3.59 0.00	45.53 -3.88 0.00	34.97 -3.37 0.00	35.70 -3.29 0.00
GLEN PARK____ 23778	12.08 -0.25 0.00	2.20 -0.11 0.00	5.93 -0.29 0.00	14.70 -0.58 0.00	26.00 -1.09 0.00	25.77 -0.91 0.00	30.39 -0.49 0.00	37.68 -0.35 0.00	31.69 -0.21 0.00	31.36 -0.12 0.00	29.98 -0.27 0.00	29.14 -0.45 0.00	31.40 -0.74 0.00	32.71 -0.71 0.00	32.76 -0.63 0.00	42.53 -0.44 0.00	53.18 -0.50 0.00	49.50 -0.42 0.00	51.04 0.09 0.00	50.59 0.07 0.00	50.11 0.12 0.00	49.24 -0.17 0.00	38.00 -0.34 0.00	38.50 -0.49 0.00
GLENDALE_27_KV_LOAD 356172	13.23 0.90 0.00	2.49 0.17 0.00	6.68 0.47 0.00	16.33 1.04 0.00	28.79 1.71 0.00	28.44 1.76 0.00	32.83 1.94 0.00	40.47 2.43 0.00	34.15 2.25 0.00	33.66 2.12 -0.07	32.48 2.22 0.00	32.00 2.34 -0.07	34.71 2.57 0.00	36.08 2.67 0.00	36.14 2.75 0.00	46.56 3.59 0.00	57.71 4.03 0.00	53.64 3.76 0.04	54.60 3.65 0.00	54.11 3.59 0.00	53.71 3.72 0.00	52.71 3.30 0.00	40.87 2.52 0.00	41.39 2.40 0.00
GLENWOOD_IC_1_G5 23712	109.84 0.92 -96.59	92.63 0.18 -90.14	69.60 0.49 -62.90	39.95 1.10 -23.56	31.51 1.79 -2.65	28.46 1.78 0.00	32.85 1.96 -0.01	44.57 2.42 -4.12	71.96 2.14 -37.93	87.46 1.99 -53.99	49.67 2.06 -17.35	43.94 2.13 -12.22	36.90 2.42 -2.34	45.58 2.49 -9.67	52.50 2.51 -16.60	144.16 3.33 -97.86	144.24 3.90 -86.67	219.69 3.72 -166.05	276.88 3.64 -222.28	232.35 3.69 -178.15	88.93 3.94 -35.01	55.52 3.48 -2.63	77.89 2.70 -36.85	41.59 2.60 0.00
GLENWOOD_IC_2_G1 23688	17.25 0.86 -4.06	6.27 0.17 -3.79	9.31 0.46 -2.64	17.30 1.02 -0.99	28.85 1.65 -0.11	28.33 1.65 0.00	32.70 1.81 0.00	40.44 2.24 -0.17	35.48 1.97 -1.61	35.63 1.82 -2.33	32.88 1.90 -0.73	32.08 1.98 -0.51	34.48 2.24 -0.10	36.13 2.31 -0.41	36.49 2.41 -0.70	50.27 3.19 -4.11	61.00 3.68 -3.64	60.36 3.50 -6.94	63.77 3.45 -9.37	61.47 3.46 -7.50	55.07 3.67 -1.41	53.92 3.24 -1.27	42.31 2.49 -1.48	41.34 2.36 0.00
GLENWOOD_IC_3_G1 23689	17.25 0.86 -4.06	6.27 0.17 -3.79	9.31 0.46 -2.64	17.30 1.02 -0.99	28.85 1.65 -0.11	28.33 1.65 0.00	32.70 1.81 0.00	40.44 2.24 -0.17	35.48 1.97 -1.61	35.63 1.82 -2.33	32.88 1.90 -0.73	32.08 1.98 -0.51	34.48 2.24 -0.10	36.13 2.31 -0.41	36.49 2.41 -0.70	50.27 3.19 -4.11	61.00 3.68 -3.64	60.36 3.50 -6.94	63.77 3.45 -9.37	61.47 3.46 -7.50	55.07 3.67 -1.41	53.92 3.24 -1.27	42.31 2.49 -1.48	41.34 2.36 0.00
GLENWOOD____4 23550	109.84 0.92 -96.59	92.63 0.18 -90.14	69.60 0.49 -62.90	39.95 1.10 -23.56	31.51 1.79 -2.65	28.46 1.78 0.00	32.85 1.96 -0.01	44.57 2.42 -4.12	71.96 2.14 -37.93	87.46 1.99 -53.99	49.67 2.06 -17.35	43.94 2.13 -12.22	36.90 2.42 -2.34	45.58 2.50 -9.67	52.53 2.54 -16.60	144.22 3.39 -97.86	144.30 3.96 -86.67	219.75 3.78 -166.05	276.95 3.71 -222.28	232.41 3.75 -178.15	89.00 4.00 -35.01	55.58 3.54 -2.63	77.91 2.72 -36.85	41.59 2.60 0.00
GLENWOOD____5 23614	109.84 0.92 -96.59	92.63 0.18 -90.14	69.60 0.49 -62.90	39.95 1.10 -23.56	31.51 1.79 -2.65	28.46 1.78 0.00	32.85 1.96 -0.01	44.57 2.42 -4.12	71.96 2.14 -37.93	87.46 1.99 -53.99	49.67 2.06 -17.35	43.94 2.13 -12.22	36.90 2.42 -2.34	45.58 2.50 -9.67	52.53 2.54 -16.60	144.22 3.39 -97.86	144.30 3.96 -86.67	219.75 3.78 -166.05	276.95 3.71 -222.28	232.41 3.75 -178.15	89.00 4.00 -35.01	55.58 3.54 -2.63	77.91 2.72 -36.85	41.59 2.60 0.00
GLOBAL GREEN_PORT_GT1 23814	66.57 0.90 -53.34	54.39 0.18 -51.91	42.98 0.55 -36.22	30.14 1.29 -13.57	30.82 2.22 -1.52	28.62 1.94 0.00	33.23 2.34 0.00	42.72 2.55 -2.14	53.95 2.71 -19.35	59.35 2.16 -25.71	39.84 2.79 -6.80	39.39 2.76 -7.04	36.51 3.02 -1.35	41.90 2.92 -5.56	45.96 3.01 -9.56	101.58 3.87 -54.73	102.72 4.53 -44.51	149.43 3.86 -95.65	182.25 2.85 -128.45	156.05 2.85 -102.69	70.84 4.88 -15.96	54.51 4.47 -0.63	60.66 3.28 -19.04	41.86 2.87 0.00
GLOBE____DSASP 323697	11.44 -0.89 0.00	2.16 -0.15 0.00	5.77 -0.45 0.00	14.15 -1.13 0.00	24.78 -2.30 0.00	23.60 -2.32 0.76	27.99 -2.74 0.15	33.43 -3.67 0.93	29.11 -2.79 0.00	22.33 -2.07 7.07	18.70 -1.88 9.68	19.74 -1.67 8.17	19.84 -2.12 10.18	23.82 -2.34 7.25	19.06 -2.90 11.42	25.69 -4.27 13.01	31.92 -6.83 14.92	27.49 -6.75 15.69	31.89 -6.53 12.54	44.68 -5.84 0.00	45.22 -4.77 0.00	44.19 -5.22 0.00	33.92 -4.43 0.00	35.01 -3.98 0.00
GOETHSLN____LBMP 323567	13.13 0.80 0.00	2.47 0.16 0.00	6.64 0.42 0.00	16.21 0.92 0.00	28.54 1.46 0.00	28.19 1.51 0.00	32.55 1.66 0.00	40.13 2.14 0.04	33.80 1.91 0.00	33.28 1.73 -0.07	32.11 1.85 0.00	31.54 1.97 0.01	34.35 2.21 0.00	35.71 2.30 0.00	35.55 2.36 0.20	46.06 3.13 0.05	57.25 3.57 0.00	53.19 3.31 0.04	54.17 3.21 0.00	53.70 3.18 0.00	53.29 3.30 0.00	52.26 2.85 0.00	39.36 2.18 1.17	41.06 2.07 0.00
GOLAH____69_KV_TB 1_2 80279	12.02 -0.31 0.00	2.26 -0.05 0.00	6.04 -0.17 0.00	14.83 -0.46 0.00	26.08 -1.01 0.00	25.58 -0.96 0.13	29.89 -0.97 0.03	36.71 -1.18 0.15	31.00 -0.90 0.00	29.65 -0.61 1.23	27.84 -0.73 1.69	27.52 -0.64 1.42	29.46 -0.90 1.78	31.24 -0.90 1.27	30.04 -1.34 2.00	38.59 -2.11 2.27	47.43 -3.70 2.55	44.04 -3.55 2.33	45.34 -3.12 2.49	48.12 -2.40 0.00	48.38 -1.61 0.00	47.40 -2.02 0.00	36.36 -1.98 0.00	37.23 -1.76 0.00
GOODYEAR_LAKE_HYD 323669	12.73 0.40 0.00	2.39 0.08 0.00	6.43 0.22 0.00	15.78 0.49 0.00	27.88 0.80 0.00	27.53 0.85 0.00	31.88 0.99 0.00	39.27 1.24 0.00	33.01 1.11 0.00	32.63 1.15 0.00	31.38 1.13 0.00	30.71 1.12 0.00	33.33 1.19 0.00	34.61 1.20 0.00	34.60 1.22 0.00	44.45 1.48 0.00	55.39 1.71 0.00	51.33 1.52 0.11	52.65 1.69 0.00	52.40 1.88 0.00	51.99 2.00 0.00	51.08 1.66 0.00	39.49 1.15 0.00	40.12 1.13 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	12.42 0.09 0.00	2.34 0.03 0.00	6.30 0.09 0.00	15.45 0.16 0.00	27.17 0.09 0.00	26.71 0.03 0.00	30.85 -0.04 0.00	38.07 0.03 0.00	31.98 0.08 0.00	31.71 0.23 0.00	30.52 0.27 0.00	29.85 0.26 0.00	32.41 0.27 0.00	33.59 0.17 0.00	33.53 0.15 0.00	43.06 0.09 0.00	53.43 -0.25 0.00	49.37 -0.26 0.29	50.43 -0.13 0.39	50.54 0.02 0.00	50.22 0.23 0.00	49.29 -0.13 0.00	38.08 -0.27 0.00	38.78 -0.21 0.00

GOUDEY___7 23579	12.42 0.09 0.00	2.34 0.03 0.00	6.30 0.09 0.00	15.45 0.16 0.00	27.17 0.09 0.00	26.71 0.03 0.00	30.85 -0.04 0.00	38.07 0.03 0.00	31.98 0.08 0.00	31.71 0.23 0.00	30.52 0.27 0.00	29.85 0.26 0.00	32.41 0.27 0.00	33.59 0.17 0.00	33.53 0.15 0.00	43.06 0.09 0.00	53.43 -0.25 0.00	49.37 -0.26 0.29	50.43 -0.13 0.39	50.54 0.02 0.00	50.22 0.23 0.00	49.29 -0.13 0.00	38.08 -0.27 0.00	38.78 -0.21 0.00
GOUDEY___8 23580	12.42 0.09 0.00	2.34 0.03 0.00	6.30 0.09 0.00	15.45 0.16 0.00	27.17 0.09 0.00	26.71 0.03 0.00	30.85 -0.04 0.00	38.07 0.03 0.00	31.98 0.08 0.00	31.71 0.23 0.00	30.52 0.27 0.00	29.85 0.26 0.00	32.41 0.27 0.00	33.59 0.17 0.00	33.53 0.15 0.00	43.06 0.09 0.00	53.43 -0.25 0.00	49.37 -0.26 0.29	50.43 -0.13 0.39	50.54 0.02 0.00	50.22 0.23 0.00	49.29 -0.13 0.00	38.08 -0.27 0.00	38.78 -0.21 0.00
GOWANUS_GT1_1 24077	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GOWANUS_GT1_2 24078	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GOWANUS_GT1_3 24079	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GOWANUS_GT1_4 24080	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GOWANUS_GT1_5 24084	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GOWANUS_GT1_6 24111	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GOWANUS_GT1_7 24112	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GOWANUS_GT1_8 24113	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GOWANUS_GT2_1 24114	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
GOWANUS_GT2_2 24115	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
GOWANUS_GT2_3 24116	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
GOWANUS_GT2_4 24117	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
GOWANUS_GT2_5 24118	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00

GOWANUS_GT2_6 24119	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
GOWANUS_GT2_7 24120	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
GOWANUS_GT2_8 24121	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
GOWANUS_GT3_1 24122	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
GOWANUS_GT3_2 24123	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
GOWANUS_GT3_3 24124	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
GOWANUS_GT3_4 24125	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
GOWANUS_GT3_5 24126	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
GOWANUS_GT3_6 24127	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
GOWANUS_GT3_7 24128	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
GOWANUS_GT3_8 24129	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
GOWANUS_GT4_1 24130	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GOWANUS_GT4_2 24131	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GOWANUS_GT4_3 24132	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GOWANUS_GT4_4 24133	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00

GOWANUS_GT4_5 24134	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GOWANUS_GT4_6 24135	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GOWANUS_GT4_7 24136	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GOWANUS_GT4_8 24137	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GREATVRV_69_KV_BK1 356245	68.51 1.13 -55.04	55.93 0.23 -53.40	44.08 0.60 -37.26	30.62 1.38 -13.96	30.89 2.24 -1.57	28.81 2.13 0.00	33.21 2.32 0.00	43.04 2.78 -2.22	54.43 2.56 -19.97	60.72 2.38 -26.85	40.02 2.54 -7.23	39.15 2.33 -7.24	36.09 2.57 -1.39	41.72 2.58 -5.72	46.02 2.80 -9.83	103.18 3.78 -56.42	104.33 4.46 -46.20	152.74 4.46 -98.36	187.37 4.60 -131.82	160.85 4.71 -105.62	72.16 5.19 -16.97	55.10 4.89 -0.80	61.92 3.70 -19.87	42.44 3.46 0.00
GREENBSH_115KV_TB3 55895	12.64 0.31 0.00	2.38 0.07 0.00	6.41 0.20 0.00	15.73 0.44 0.00	27.73 0.64 0.00	27.30 0.62 0.00	31.54 0.65 0.00	38.81 0.78 0.00	32.37 0.47 0.00	31.79 0.30 0.00	30.53 0.27 0.00	29.83 0.25 0.00	32.48 0.34 0.00	33.80 0.39 0.00	33.93 0.55 0.00	43.79 0.82 0.00	54.88 1.20 0.00	51.07 1.19 0.03	52.00 1.04 0.00	51.32 0.80 0.00	50.76 0.77 0.00	50.08 0.66 0.00	38.84 0.50 0.00	39.46 0.47 0.00
GREENDGE_115KV_TB5 80291	12.24 -0.09 0.00	2.30 -0.01 0.00	6.17 -0.04 0.00	15.14 -0.14 0.00	26.56 -0.52 0.00	27.44 -0.59 -1.36	30.61 -0.55 -0.28	39.21 -0.49 -1.66	31.56 -0.34 0.00	43.95 -0.25 -12.72	47.11 -0.36 -17.21	43.72 -0.46 -14.59	49.48 -0.71 -18.05	45.47 -0.83 -12.89	52.63 -0.99 -20.23	64.63 -1.46 -23.12	78.47 -2.69 -27.48	73.04 -2.37 -25.49	68.63 -1.92 -19.60	49.31 -1.21 0.00	49.39 -0.60 0.00	48.67 -0.74 0.00	37.40 -0.95 0.00	38.12 -0.86 0.00
GREENIDGE___3 23582	12.24 -0.09 0.00	2.30 -0.01 0.00	6.17 -0.04 0.00	15.14 -0.14 0.00	26.56 -0.52 0.00	27.44 -0.59 -1.36	30.61 -0.55 -0.28	39.21 -0.49 -1.66	31.56 -0.34 0.00	43.95 -0.25 -12.72	47.11 -0.36 -17.21	43.72 -0.46 -14.59	49.48 -0.71 -18.05	45.47 -0.83 -12.89	52.63 -0.99 -20.23	64.63 -1.46 -23.12	78.47 -2.69 -27.48	73.04 -2.37 -25.49	68.63 -1.92 -19.60	49.31 -1.21 0.00	49.39 -0.60 0.00	48.67 -0.74 0.00	37.40 -0.95 0.00	38.12 -0.86 0.00
GREENIDGE___4 23583	12.24 -0.09 0.00	2.30 -0.01 0.00	6.17 -0.05 0.00	15.14 -0.14 0.00	26.56 -0.52 0.00	27.44 -0.59 -1.36	30.61 -0.55 -0.28	39.22 -0.48 -1.66	31.56 -0.34 0.00	43.94 -0.25 -12.72	47.15 -0.33 -17.21	43.73 -0.45 -14.59	49.50 -0.69 -18.05	45.47 -0.83 -12.89	52.64 -0.98 -20.23	64.64 -1.46 -23.12	78.46 -2.70 -27.48	73.05 -2.35 -25.49	68.63 -1.92 -19.60	49.32 -1.21 0.00	49.40 -0.60 0.00	48.66 -0.75 0.00	37.38 -0.96 0.00	38.12 -0.87 0.00
GREENLWN_69_KV_BK 3 55738	67.62 0.91 -54.39	55.34 0.18 -52.85	43.59 0.50 -36.88	30.23 1.13 -13.81	30.44 1.81 -1.55	28.40 1.72 0.00	32.72 1.83 0.00	42.40 2.18 -2.19	53.65 1.96 -19.80	59.64 1.79 -26.37	39.21 1.92 -7.03	38.70 1.95 -7.17	35.75 2.24 -1.37	41.34 2.26 -5.67	45.56 2.44 -9.73	102.10 3.35 -55.78	103.17 3.97 -45.52	151.25 3.94 -97.39	185.65 3.92 -130.78	159.07 4.00 -104.55	70.85 4.39 -16.47	54.10 4.00 -0.69	60.89 3.04 -19.51	41.80 2.81 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00
GRISSOM___SOLAR 323813	12.92 0.60 0.00	2.42 0.12 0.00	6.51 0.30 0.00	16.00 0.71 0.00	28.31 1.23 0.00	27.95 1.27 0.00	32.37 1.48 0.00	39.65 1.62 0.00	33.22 1.33 0.00	32.83 1.35 0.00	31.53 1.27 0.00	30.76 1.17 0.00	33.19 1.05 0.00	34.53 1.11 0.00	34.59 1.20 0.00	44.23 1.25 0.00	55.62 1.94 0.00	51.07 1.19 0.04	52.70 1.74 0.00	53.21 2.69 0.00	52.94 2.95 0.00	52.12 2.71 0.00	40.24 1.90 0.00	40.82 1.83 0.00
GROVEVILLE___HYD 323602	13.15 0.82 0.00	2.47 0.16 0.00	6.66 0.44 0.00	16.29 1.00 0.00	28.70 1.62 0.00	28.32 1.64 0.00	32.73 1.84 0.00	40.34 2.31 0.00	33.85 1.95 0.00	33.25 1.77 0.00	32.03 1.77 0.00	31.42 1.83 0.00	34.26 2.12 0.00	35.64 2.22 0.00	35.70 2.31 0.00	46.04 3.07 0.00	57.34 3.66 0.00	53.34 3.46 0.04	54.40 3.45 0.00	53.99 3.47 0.00	53.55 3.56 0.00	52.53 3.12 0.00	40.65 2.31 0.00	41.19 2.20 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	12.22 -0.10 0.00	2.29 -0.02 0.00	6.16 -0.05 0.00	15.13 -0.15 0.00	26.71 -0.37 0.00	26.32 -0.36 0.00	30.50 -0.38 0.00	37.55 -0.48 0.00	31.53 -0.37 0.00	31.14 -0.34 0.00	29.97 -0.29 0.00	29.27 -0.32 0.00	31.74 -0.40 0.00	32.98 -0.44 0.00	32.89 -0.50 0.00	42.25 -0.72 0.00	52.63 -1.05 0.00	49.01 -0.91 0.00	50.14 -0.81 0.00	49.86 -0.66 0.00	49.44 -0.55 0.00	48.66 -0.75 0.00	37.60 -0.74 0.00	38.25 -0.74 0.00
HAMLTNNY_34_KV_TB 80303	12.22 -0.11 0.00	2.29 -0.02 0.00	6.15 -0.06 0.00	15.11 -0.18 0.00	26.69 -0.40 0.00	26.28 -0.40 0.00	30.47 -0.42 0.00	37.52 -0.51 0.00	31.50 -0.40 0.00	31.12 -0.36 0.00	29.96 -0.30 0.00	29.26 -0.33 0.00	31.69 -0.45 0.00	32.92 -0.50 0.00	32.80 -0.59 0.00	41.99 -0.98 0.00	52.26 -1.41 0.00	48.63 -1.29 0.00	49.85 -1.10 0.00	49.64 -0.88 0.00	49.32 -0.67 0.00	48.62 -0.79 0.00	37.49 -0.85 0.00	38.13 -0.86 0.00

HAMPSHIRE___PAPER_HYD 323593	11.84 -0.49 0.00	2.18 -0.13 0.00	5.85 -0.36 0.00	14.52 -0.76 0.00	25.80 -1.28 0.00	25.55 -1.13 0.00	29.93 -0.96 0.00	37.00 -1.04 0.00	31.09 -0.81 0.00	30.82 -0.66 0.00	29.53 -0.72 0.00	28.76 -0.83 0.00	31.15 -0.99 0.00	32.42 -0.99 0.00	32.37 -1.02 0.00	41.84 -1.13 0.00	52.30 -1.38 0.00	48.59 -1.33 0.00	49.82 -1.13 0.00	49.44 -1.08 0.00	48.81 -1.18 0.00	48.25 -1.16 0.00	37.43 -0.91 0.00	38.03 -0.96 0.00
HARDSCRABBLE_WT_PWR 323673	12.37 0.05 0.00	2.33 0.02 0.00	6.32 0.10 0.00	15.55 0.27 0.00	27.37 0.29 0.00	27.05 0.37 0.00	31.20 0.31 0.00	38.29 0.25 0.00	31.92 0.02 0.00	31.22 -0.26 0.00	30.01 -0.24 0.00	29.25 -0.34 0.00	31.65 -0.49 0.00	32.90 -0.52 0.00	33.12 -0.26 0.00	42.75 -0.22 0.00	53.79 0.11 0.00	50.09 0.17 0.00	51.19 0.23 0.00	50.97 0.45 0.00	50.49 0.50 0.00	49.74 0.33 0.00	38.52 0.17 0.00	39.03 0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	13.07 0.74 0.00	2.46 0.15 0.00	6.61 0.39 0.00	16.18 0.89 0.00	28.51 1.43 0.00	28.14 1.46 0.00	32.51 1.62 0.00	40.09 2.06 0.00	33.65 1.75 0.00	32.97 1.57 0.08	31.86 1.60 0.00	31.28 1.70 0.00	34.13 1.99 0.00	35.49 2.08 0.00	35.53 2.14 0.00	45.86 2.89 0.00	57.10 3.42 0.00	53.09 3.22 0.05	54.13 3.17 0.00	53.72 3.19 0.00	53.28 3.29 0.00	52.24 2.83 0.00	40.42 2.08 0.00	40.95 1.96 0.00
HARSNRAD_115KV_TB1 81005	11.61 -0.72 0.00	2.18 -0.13 0.00	5.81 -0.40 0.00	14.27 -1.01 0.00	24.99 -2.09 0.00	23.91 -2.01 0.76	28.36 -2.37 0.16	34.07 -3.03 0.94	29.60 -2.30 0.00	22.84 -1.52 7.11	19.09 -1.44 9.73	20.07 -1.29 8.22	20.19 -1.72 10.23	24.22 -1.90 7.29	19.42 -2.48 11.48	26.16 -3.73 13.08	32.51 -6.17 15.00	28.59 -5.95 15.38	32.85 -5.52 12.59	45.54 -4.98 0.00	46.12 -3.87 0.00	45.05 -4.36 0.00	34.57 -3.77 0.00	35.68 -3.31 0.00
HARZA MOOSE___RIVER 24016	12.30 -0.03 0.00	2.27 -0.04 0.00	6.11 -0.11 0.00	15.10 -0.19 0.00	26.68 -0.40 0.00	26.39 -0.29 0.00	30.84 -0.05 0.00	38.13 0.10 0.00	32.06 0.15 0.00	31.74 0.26 0.00	30.46 0.20 0.00	29.67 0.08 0.00	32.20 0.06 0.00	33.52 0.10 0.00	33.49 0.10 0.00	43.27 0.30 0.00	54.09 0.41 0.00	50.28 0.37 0.00	51.53 0.57 0.00	51.06 0.54 0.00	50.50 0.51 0.00	49.80 0.39 0.00	38.53 0.19 0.00	39.09 0.10 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	12.20 -0.13 0.00	2.29 -0.02 0.00	6.16 -0.06 0.00	15.12 -0.17 0.00	26.67 -0.41 0.00	26.27 -0.41 0.00	30.42 -0.46 0.00	37.47 -0.57 0.00	31.46 -0.44 0.00	31.12 -0.36 0.00	29.93 -0.33 0.00	29.26 -0.32 0.00	31.76 -0.38 0.00	32.97 -0.44 0.00	32.89 -0.50 0.00	42.26 -0.71 0.00	52.56 -1.11 0.00	48.90 -1.02 0.00	50.00 -0.95 0.00	49.71 -0.81 0.00	49.35 -0.65 0.00	48.54 -0.87 0.00	37.51 -0.83 0.00	38.16 -0.83 0.00
HELLGATE_13_KV_LD 55870	13.25 0.92 0.00	2.49 0.18 0.00	6.69 0.48 0.00	16.35 1.06 0.00	28.83 1.75 0.00	28.47 1.79 0.00	32.86 1.97 0.00	40.50 2.47 0.00	34.20 2.30 0.00	33.71 2.16 -0.07	32.53 2.27 0.00	32.05 2.40 -0.07	34.77 2.63 0.00	36.14 2.72 0.00	36.20 2.81 0.00	46.61 3.64 0.00	57.75 4.08 0.00	53.67 3.79 0.04	54.64 3.69 0.00	54.14 3.62 0.00	53.72 3.73 0.00	52.75 3.34 0.00	40.91 2.56 0.00	41.42 2.43 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	13.25 0.92 0.00	2.49 0.18 0.00	6.69 0.48 0.00	16.35 1.06 0.00	28.83 1.75 0.00	28.47 1.79 0.00	32.86 1.97 0.00	40.50 2.47 0.00	34.20 2.30 0.00	33.71 2.16 -0.07	32.53 2.27 0.00	32.05 2.40 -0.07	34.77 2.63 0.00	36.14 2.72 0.00	36.20 2.81 0.00	46.61 3.64 0.00	57.75 4.08 0.00	53.67 3.79 0.04	54.64 3.69 0.00	54.14 3.62 0.00	53.72 3.73 0.00	52.75 3.34 0.00	40.91 2.56 0.00	41.42 2.43 0.00
HEMPSTEAD___ 23647	96.28 0.89 -83.06	80.75 0.18 -78.26	61.30 0.48 -54.61	36.81 1.06 -20.46	31.10 1.72 -2.30	28.37 1.69 0.00	32.72 1.83 0.00	43.76 2.23 -3.50	65.52 1.98 -31.64	78.30 1.83 -44.99	46.13 1.93 -13.94	42.16 1.96 -10.61	36.39 2.22 -2.03	44.08 2.27 -8.39	50.18 2.38 -14.41	130.55 3.19 -84.39	130.55 3.65 -73.24	197.33 3.60 -143.81	246.65 3.57 -192.13	208.53 3.66 -154.34	85.06 3.98 -31.09	55.67 3.58 -2.68	73.43 2.76 -32.33	41.54 2.56 0.00
HICKLING___1 23621	12.31 -0.02 0.00	2.31 0.00 0.00	6.22 0.01 0.00	15.25 -0.03 0.00	26.66 -0.42 0.00	26.62 -0.57 -0.51	30.38 -0.64 -0.13	38.28 -0.50 -0.75	31.55 -0.35 0.00	36.97 -0.24 -5.73	36.46 -0.24 -6.44	35.17 -0.27 -5.85	38.20 -0.34 -6.41	37.63 -0.50 -4.72	39.84 -0.55 -7.00	50.35 -0.91 -8.30	64.01 -3.10 -13.43	59.09 -2.83 -11.99	56.93 -2.42 -8.40	49.46 -1.06 0.00	49.91 -0.08 0.00	48.83 -0.58 0.00	37.44 -0.90 0.00	38.25 -0.73 0.00
HICKLING___2 23622	12.31 -0.02 0.00	2.31 0.00 0.00	6.22 0.01 0.00	15.25 -0.03 0.00	26.66 -0.42 0.00	26.62 -0.57 -0.51	30.38 -0.64 -0.13	38.28 -0.50 -0.75	31.55 -0.35 0.00	36.97 -0.24 -5.73	36.46 -0.24 -6.44	35.17 -0.27 -5.85	38.20 -0.34 -6.41	37.63 -0.50 -4.72	39.84 -0.55 -7.00	50.35 -0.91 -8.30	64.01 -3.10 -13.43	59.09 -2.83 -11.99	56.93 -2.42 -8.40	49.46 -1.06 0.00	49.91 -0.08 0.00	48.83 -0.58 0.00	37.44 -0.90 0.00	38.25 -0.73 0.00
HIGH FALLS___HY 23754	13.17 0.84 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.32 1.03 0.00	28.76 1.68 0.00	28.39 1.71 0.00	32.81 1.93 0.00	40.47 2.43 0.00	33.91 2.02 0.00	33.24 1.76 0.00	31.96 1.70 0.00	31.38 1.80 0.00	34.22 2.08 0.00	35.56 2.15 0.00	35.70 2.31 0.00	46.01 3.04 0.00	57.30 3.62 0.00	53.41 3.54 0.04	54.47 3.51 0.00	54.20 3.68 0.00	53.80 3.81 0.00	52.73 3.32 0.00	40.78 2.43 0.00	41.31 2.32 0.00
HIGH_RIVER___SOLAR 323847	12.81 0.48 0.00	2.41 0.10 0.00	6.47 0.26 0.00	15.90 0.61 0.00	28.08 0.99 0.00	27.68 1.00 0.00	32.04 1.16 0.00	39.15 1.12 0.00	32.72 0.82 0.00	32.41 0.93 0.00	31.04 0.79 0.00	30.28 0.69 0.00	32.83 0.69 0.00	34.23 0.81 0.00	34.35 0.97 0.00	44.01 1.03 0.00	55.19 1.51 0.00	51.03 1.14 0.04	52.40 1.45 0.00	52.45 1.92 0.00	52.05 2.06 0.00	51.31 1.90 0.00	39.71 1.37 0.00	40.29 1.31 0.00
HILLBURN___GT 23639	13.07 0.74 0.00	2.45 0.15 0.00	6.61 0.40 0.00	16.18 0.89 0.00	28.51 1.42 0.00	28.14 1.46 0.00	32.49 1.60 0.00	40.06 2.03 0.00	33.65 1.75 0.00	32.96 1.57 0.09	31.88 1.62 0.00	31.33 1.74 0.00	34.17 2.03 0.00	35.52 2.10 0.00	35.53 2.15 0.00	45.88 2.90 0.00	57.06 3.39 0.00	53.07 3.20 0.05	54.07 3.12 0.00	53.63 3.11 0.00	53.22 3.23 0.00	52.16 2.75 0.00	40.37 2.03 0.00	40.92 1.93 0.00
HILLSIDE_115KV_TB1 80332	12.19 -0.13 0.00	2.29 -0.01 0.00	6.19 -0.02 0.00	15.19 -0.10 0.00	26.59 -0.49 0.00	26.48 -0.60 -0.41	30.21 -0.77 -0.09	37.77 -0.77 -0.51	31.32 -0.58 0.00	34.97 -0.42 -3.90	35.11 -0.34 -5.21	33.68 -0.34 -4.44	37.19 -0.38 -5.44	36.74 -0.56 -3.89	38.88 -0.59 -6.08	49.21 -0.85 -7.08	62.26 -1.49 -10.07	57.51 -1.40 -9.00	55.63 -1.21 -5.89	49.58 -0.94 0.00	49.29 -0.70 0.00	48.26 -1.15 0.00	37.18 -1.17 0.00	37.93 -1.06 0.00

HISHELDN_WT_PWR 323625	11.79 -0.54 0.00	2.21 -0.10 0.00	5.92 -0.29 0.00	14.51 -0.78 0.00	25.26 -1.82 0.00	22.20 -1.94 2.54	28.22 -2.15 0.52	32.47 -2.47 3.10	30.00 -1.90 0.00	6.30 -1.52 23.66	-3.55 -1.44 32.36	0.86 -1.39 27.33	-3.59 -1.72 34.02	7.18 -1.99 24.25	-7.10 -2.31 38.17	-3.90 -3.38 43.49	-1.91 -5.70 49.88	-3.62 -5.31 48.23	5.32 -4.88 40.75	46.73 -3.79 0.00	47.33 -2.66 0.00	46.18 -3.23 0.00	35.24 -3.10 0.00	36.39 -2.60 0.00
HOLTSVILLE_IC_1 23690	66.56 1.00 -53.23	54.32 0.20 -51.81	42.91 0.55 -36.15	30.06 1.23 -13.54	30.60 1.99 -1.52	28.54 1.85 0.00	32.86 1.97 0.00	42.44 2.28 -2.13	53.30 2.11 -19.30	59.04 1.91 -25.64	39.20 2.18 -6.77	38.65 2.04 -7.03	35.74 2.25 -1.35	41.22 2.25 -5.55	45.38 2.45 -9.54	100.91 3.31 -54.62	101.97 3.88 -44.41	149.33 3.93 -95.48	183.13 3.97 -128.21	157.10 4.08 -102.50	70.48 4.59 -15.90	54.29 4.25 -0.62	60.55 3.22 -18.99	42.03 3.04 0.00
HOLTSVILLE_IC_10 23699	67.05 1.06 -53.66	54.71 0.21 -52.19	43.20 0.57 -36.41	30.22 1.30 -13.64	30.72 2.11 -1.53	28.66 1.97 0.00	33.02 2.13 0.00	42.65 2.46 -2.15	53.68 2.29 -19.49	59.51 2.11 -25.92	39.49 2.36 -6.87	38.82 2.16 -7.08	35.87 2.37 -1.36	41.37 2.36 -5.60	45.57 2.58 -9.61	101.51 3.49 -55.05	102.65 4.15 -44.83	150.28 4.19 -96.17	184.31 4.22 -129.14	158.19 4.43 -103.24	71.09 4.95 -16.15	54.64 4.57 -0.66	60.98 3.45 -19.19	42.24 3.25 0.00
HOLTSVILLE_IC_2 23691	66.56 1.00 -53.23	54.32 0.20 -51.81	42.91 0.55 -36.15	30.06 1.23 -13.54	30.60 1.99 -1.52	28.54 1.85 0.00	32.86 1.97 0.00	42.44 2.28 -2.13	53.30 2.11 -19.30	59.04 1.91 -25.64	39.20 2.18 -6.77	38.65 2.04 -7.03	35.74 2.25 -1.35	41.22 2.25 -5.55	45.38 2.45 -9.54	100.91 3.31 -54.62	101.97 3.88 -44.41	149.33 3.93 -95.48	183.13 3.97 -128.21	157.10 4.08 -102.50	70.48 4.59 -15.90	54.29 4.25 -0.62	60.55 3.22 -18.99	42.03 3.04 0.00
HOLTSVILLE_IC_3 23692	66.56 1.00 -53.23	54.32 0.20 -51.81	42.91 0.55 -36.15	30.06 1.23 -13.54	30.60 1.99 -1.52	28.54 1.85 0.00	32.86 1.97 0.00	42.44 2.28 -2.13	53.30 2.11 -19.30	59.04 1.91 -25.64	39.20 2.18 -6.77	38.65 2.04 -7.03	35.74 2.25 -1.35	41.22 2.25 -5.55	45.38 2.45 -9.54	100.91 3.31 -54.62	101.97 3.88 -44.41	149.33 3.93 -95.48	183.13 3.97 -128.21	157.10 4.08 -102.50	70.48 4.59 -15.90	54.29 4.25 -0.62	60.55 3.22 -18.99	42.03 3.04 0.00
HOLTSVILLE_IC_4 23693	66.56 1.00 -53.23	54.32 0.20 -51.81	42.91 0.55 -36.15	30.06 1.23 -13.54	30.60 1.99 -1.52	28.54 1.85 0.00	32.86 1.97 0.00	42.44 2.28 -2.13	53.30 2.11 -19.30	59.04 1.91 -25.64	39.20 2.18 -6.77	38.65 2.04 -7.03	35.74 2.25 -1.35	41.22 2.25 -5.55	45.38 2.45 -9.54	100.91 3.31 -54.62	101.97 3.88 -44.41	149.33 3.93 -95.48	183.13 3.97 -128.21	157.10 4.08 -102.50	70.48 4.59 -15.90	54.29 4.25 -0.62	60.55 3.22 -18.99	42.03 3.04 0.00
HOLTSVILLE_IC_5 23694	66.56 1.00 -53.23	54.32 0.20 -51.81	42.91 0.55 -36.15	30.06 1.23 -13.54	30.60 1.99 -1.52	28.54 1.85 0.00	32.86 1.97 0.00	42.44 2.28 -2.13	53.30 2.11 -19.30	59.04 1.91 -25.64	39.20 2.18 -6.77	38.65 2.04 -7.03	35.74 2.25 -1.35	41.22 2.25 -5.55	45.38 2.45 -9.54	100.91 3.31 -54.62	101.97 3.88 -44.41	149.33 3.93 -95.48	183.13 3.97 -128.21	157.10 4.08 -102.50	70.48 4.59 -15.90	54.29 4.25 -0.62	60.55 3.22 -18.99	42.03 3.04 0.00
HOLTSVILLE_IC_6 23695	67.05 1.06 -53.66	54.71 0.21 -52.19	43.20 0.57 -36.41	30.22 1.30 -13.64	30.72 2.11 -1.53	28.66 1.97 0.00	33.02 2.13 0.00	42.65 2.46 -2.15	53.68 2.29 -19.49	59.51 2.11 -25.92	39.49 2.36 -6.87	38.82 2.16 -7.08	35.87 2.37 -1.36	41.37 2.36 -5.60	45.57 2.58 -9.61	101.51 3.49 -55.05	102.65 4.15 -44.83	150.28 4.19 -96.17	184.31 4.22 -129.14	158.19 4.43 -103.24	71.09 4.95 -16.15	54.64 4.57 -0.66	60.98 3.45 -19.19	42.24 3.25 0.00
HOLTSVILLE_IC_7 23696	67.05 1.06 -53.66	54.71 0.21 -52.19	43.20 0.57 -36.41	30.22 1.30 -13.64	30.72 2.11 -1.53	28.66 1.97 0.00	33.02 2.13 0.00	42.65 2.46 -2.15	53.68 2.29 -19.49	59.51 2.11 -25.92	39.49 2.36 -6.87	38.82 2.16 -7.08	35.87 2.37 -1.36	41.37 2.36 -5.60	45.57 2.58 -9.61	101.51 3.49 -55.05	102.65 4.15 -44.83	150.28 4.19 -96.17	184.31 4.22 -129.14	158.19 4.43 -103.24	71.09 4.95 -16.15	54.64 4.57 -0.66	60.98 3.45 -19.19	42.24 3.25 0.00
HOLTSVILLE_IC_8 23697	67.05 1.06 -53.66	54.71 0.21 -52.19	43.20 0.57 -36.41	30.22 1.30 -13.64	30.72 2.11 -1.53	28.66 1.97 0.00	33.02 2.13 0.00	42.65 2.46 -2.15	53.68 2.29 -19.49	59.51 2.11 -25.92	39.49 2.36 -6.87	38.82 2.16 -7.08	35.87 2.37 -1.36	41.37 2.36 -5.60	45.57 2.58 -9.61	101.51 3.49 -55.05	102.65 4.15 -44.83	150.28 4.19 -96.17	184.31 4.22 -129.14	158.19 4.43 -103.24	71.09 4.95 -16.15	54.64 4.57 -0.66	60.98 3.45 -19.19	42.24 3.25 0.00
HOLTSVILLE_IC_9 23698	67.05 1.06 -53.66	54.71 0.21 -52.19	43.20 0.57 -36.41	30.22 1.30 -13.64	30.72 2.11 -1.53	28.66 1.97 0.00	33.02 2.13 0.00	42.65 2.46 -2.15	53.68 2.29 -19.49	59.51 2.11 -25.92	39.49 2.36 -6.87	38.82 2.16 -7.08	35.87 2.37 -1.36	41.37 2.36 -5.60	45.57 2.58 -9.61	101.51 3.49 -55.05	102.65 4.15 -44.83	150.28 4.19 -96.17	184.31 4.22 -129.14	158.19 4.43 -103.24	71.09 4.95 -16.15	54.64 4.57 -0.66	60.98 3.45 -19.19	42.24 3.25 0.00
HOMER_HL_115KV_TB2 355744	12.12 -0.20 0.00	2.29 -0.02 0.00	6.17 -0.04 0.00	15.14 -0.15 0.00	26.47 -0.61 0.00	25.67 -0.75 0.26	29.71 -1.13 0.05	36.53 -1.24 0.27	31.07 -0.83 0.00	29.36 -0.06 2.07	27.33 -0.08 2.84	27.23 0.04 2.39	29.02 -0.14 2.99	30.97 -0.32 2.13	29.22 -0.81 3.35	37.53 -1.62 3.82	45.59 -3.65 4.44	40.67 -3.10 6.15	43.16 -2.70 5.08	48.28 -2.24 0.00	48.70 -1.29 0.00	47.51 -1.90 0.00	36.37 -1.97 0.00	37.47 -1.52 0.00
HOWARD_WT_PWR 323690	12.11 -0.22 0.00	2.25 -0.06 0.00	6.05 -0.17 0.00	14.89 -0.40 0.00	25.74 -1.34 0.00	27.80 -1.73 -2.85	29.68 -1.79 -0.58	39.86 -1.66 -3.48	30.50 -1.40 0.00	56.76 -1.38 -26.66	65.06 -1.50 -36.30	58.69 -1.60 -30.71	68.53 -1.73 -38.12	58.69 -1.92 -27.19	74.17 -1.96 -42.75	89.09 -2.64 -48.76	105.48 -4.81 -56.61	97.46 -4.86 -52.39	89.65 -4.25 -42.94	48.28 -2.24 0.00	49.13 -0.86 0.00	48.03 -1.38 0.00	36.56 -1.78 0.00	37.43 -1.56 0.00
HQ_GEN_CEDARS 23644	12.07 -0.26 0.00	2.24 -0.07 0.00	6.03 -0.18 0.00	14.94 -0.35 0.00	26.66 -0.43 0.00	26.35 -0.33 0.00	30.67 -0.22 0.00	37.75 -0.28 0.00	31.70 -0.20 0.00	31.46 -0.02 0.00	30.18 -0.08 0.00	29.47 -0.11 0.00	31.99 -0.15 0.00	33.29 -0.12 0.00	33.16 -0.22 0.00	42.67 -0.30 0.00	53.51 -0.17 0.00	49.63 -0.29 0.00	50.73 -0.23 0.00	50.44 -0.08 0.00	49.76 -0.24 0.00	49.34 -0.07 0.00	38.43 0.09 0.00	39.18 0.19 0.00
HQ_GEN_CEDARS_PROXY 323590	12.07 -0.26 0.00	2.24 -0.07 0.00	6.03 -0.18 0.00	14.94 -0.35 0.00	26.66 -0.43 0.00	26.35 -0.33 0.00	30.67 -0.21 0.00	37.75 -0.28 0.00	31.70 -0.20 0.00	31.46 -0.02 0.00	30.18 -0.08 0.00	29.47 -0.11 0.00	31.99 -0.14 0.00	33.29 -0.12 0.00	33.17 -0.22 0.00	42.68 -0.30 0.00	53.50 -0.17 0.00	49.63 -0.29 0.00	50.73 -0.23 0.00	50.43 -0.09 0.00	49.75 -0.24 0.00	49.34 -0.07 0.00	38.43 0.09 0.00	39.18 0.19 0.00

HQ_GEN_IMPORT 323601	12.21 -0.12 0.00	2.28 -0.03 0.00	6.12 -0.09 0.00	15.13 -0.16 0.00	26.97 -0.11 0.00	26.58 -0.10 0.00	30.82 -0.07 0.00	37.97 -0.06 0.00	31.86 -0.03 0.00	31.48 0.00 0.00	30.24 -0.02 0.00	29.56 -0.03 0.00	32.11 -0.03 0.00	33.40 -0.01 0.00	33.34 -0.05 0.00	42.93 -0.04 0.00	53.67 0.08 0.08	49.96 0.04 0.00	50.94 0.03 0.05	50.48 -0.04 0.00	49.83 -0.16 0.00	49.52 0.10 0.00	38.51 0.16 0.00	39.21 0.22 0.00
HQ_GEN_WHEEL 23651	12.21 -0.12 0.00	2.28 -0.03 0.00	6.12 -0.09 0.00	15.13 -0.16 0.00	26.97 -0.11 0.00	26.58 -0.10 0.00	30.82 -0.07 0.00	37.97 -0.06 0.00	31.86 -0.03 0.00	31.48 0.00 0.00	30.24 -0.02 0.00	29.56 -0.03 0.00	32.11 -0.03 0.00	33.40 -0.01 0.00	33.34 -0.05 0.00	42.93 -0.04 0.00	53.67 0.08 0.08	49.96 0.04 0.00	50.94 0.03 0.05	50.48 -0.04 0.00	49.83 -0.16 0.00	49.52 0.10 0.00	38.51 0.16 0.00	39.21 0.22 0.00
HUDSON AVE_GT_3 23810	13.20 0.87 0.00	2.48 0.17 0.00	6.67 0.46 0.00	16.30 1.01 0.00	28.72 1.64 0.00	28.35 1.67 0.00	32.74 1.85 0.00	40.40 2.37 0.00	34.01 2.12 0.00	33.50 1.95 -0.07	32.31 2.06 0.00	31.76 2.17 0.00	34.55 2.41 0.00	35.92 2.50 0.00	35.96 2.57 0.00	46.35 3.37 0.00	57.55 3.87 0.00	53.49 3.61 0.04	54.45 3.50 0.00	53.99 3.47 0.00	53.58 3.59 0.00	52.54 3.13 0.00	40.76 2.41 0.00	41.29 2.30 0.00
HUDSON AVE_GT_4 23540	13.20 0.87 0.00	2.48 0.17 0.00	6.67 0.46 0.00	16.30 1.01 0.00	28.72 1.64 0.00	28.35 1.67 0.00	32.74 1.85 0.00	40.40 2.37 0.00	34.01 2.12 0.00	33.50 1.95 -0.07	32.31 2.06 0.00	31.76 2.17 0.00	34.55 2.41 0.00	35.92 2.50 0.00	35.96 2.57 0.00	46.35 3.37 0.00	57.55 3.87 0.00	53.49 3.61 0.04	54.45 3.50 0.00	53.99 3.47 0.00	53.58 3.59 0.00	52.54 3.13 0.00	40.76 2.41 0.00	41.29 2.30 0.00
HUDSON AVE_GT_5 23657	13.20 0.87 0.00	2.48 0.17 0.00	6.67 0.46 0.00	16.30 1.01 0.00	28.72 1.64 0.00	28.35 1.67 0.00	32.74 1.85 0.00	40.40 2.37 0.00	34.01 2.12 0.00	33.50 1.95 0.00	32.31 2.06 0.00	31.76 2.17 0.00	34.55 2.41 0.00	35.92 2.50 0.00	35.96 2.57 0.00	46.35 3.37 0.00	57.55 3.87 0.00	53.49 3.61 0.04	54.45 3.50 0.00	53.99 3.47 0.00	53.58 3.59 0.00	52.54 3.13 0.00	40.76 2.41 0.00	41.29 2.30 0.00
HUDSON_AVE_10 24168	14.94 0.82 -1.79	2.47 0.16 0.00	6.65 0.44 0.00	16.26 0.97 0.00	28.66 1.58 0.00	28.30 1.62 0.00	32.62 1.73 0.00	40.42 2.20 -0.18	35.93 1.94 -2.09	37.55 1.78 -4.29	34.71 1.95 -2.50	31.65 2.07 0.00	34.39 2.25 0.00	35.75 2.33 0.00	35.80 2.41 0.00	47.15 3.14 -1.04	61.32 3.58 -4.06	53.24 3.36 0.04	54.21 3.26 0.00	53.74 3.22 0.00	53.33 3.34 0.00	52.30 2.89 0.00	40.57 2.22 0.00	41.13 2.14 0.00
HUDSON___115KV_TB 4 355613	12.83 0.50 0.00	2.41 0.10 0.00	6.50 0.28 0.00	15.94 0.65 0.00	28.11 1.03 0.00	27.69 1.01 0.00	32.04 1.16 0.00	39.40 1.37 0.00	32.71 0.81 0.00	32.04 0.56 0.00	30.75 0.49 0.00	30.02 0.44 0.00	32.71 0.57 0.00	34.14 0.73 0.00	34.34 0.95 0.00	44.08 1.11 0.00	55.35 1.67 0.00	51.46 1.57 0.04	52.71 1.76 0.00	52.32 1.80 0.00	51.86 1.87 0.00	51.07 1.66 0.00	39.54 1.20 0.00	40.11 1.12 0.00
HUNTER MOUNT___DRP 323613	12.86 0.53 0.00	2.42 0.11 0.00	6.51 0.30 0.00	15.97 0.68 0.00	28.18 1.09 0.00	27.77 1.09 0.00	32.14 1.26 0.00	39.53 1.50 0.00	32.83 0.93 0.00	32.13 0.65 0.00	30.79 0.53 0.00	30.06 0.48 0.00	32.76 0.62 0.00	34.26 0.84 0.00	34.35 0.97 0.00	44.13 1.16 0.00	55.33 1.65 0.00	51.49 1.60 0.04	52.83 1.88 0.00	52.52 2.00 0.00	52.05 2.06 0.00	51.27 1.85 0.00	39.68 1.34 0.00	40.23 1.24 0.00
HUNTINGTON_RES_REC 323705	66.97 0.97 -53.68	54.71 0.20 -52.21	43.17 0.53 -36.43	30.12 1.18 -13.65	30.52 1.90 -1.53	28.48 1.79 0.00	32.81 1.92 0.00	42.45 2.26 -2.15	53.46 2.07 -19.49	59.31 1.90 -25.93	39.22 2.09 -6.87	38.64 1.97 -7.08	35.72 2.23 -1.36	41.25 2.24 -5.60	45.48 2.47 -9.62	101.42 3.38 -55.07	102.61 4.09 -44.84	150.27 4.14 -96.21	184.32 4.17 -129.20	158.11 4.30 -103.28	70.82 4.74 -16.09	54.40 4.35 -0.64	60.81 3.28 -19.18	42.05 3.06 0.00
HUNTLEY___63 23557	11.70 -0.62 0.00	2.20 -0.11 0.00	5.88 -0.34 0.00	14.42 -0.86 0.00	25.22 -1.87 0.00	24.03 -1.84 0.81	28.58 -2.14 0.17	34.28 -2.76 1.00	29.85 -2.05 0.00	22.54 -1.33 7.61	18.65 -1.19 10.41	19.74 -1.05 8.80	19.73 -1.46 10.95	23.97 -1.64 7.80	18.89 -2.21 12.28	25.61 -3.37 13.99	31.87 -5.75 16.05	27.84 -5.54 16.54	32.36 -5.13 13.46	46.01 -4.51 0.00	46.57 -3.43 0.00	45.47 -3.94 0.00	34.87 -3.48 0.00	35.97 -3.02 0.00
HUNTLEY___64 23558	11.70 -0.62 0.00	2.20 -0.11 0.00	5.88 -0.34 0.00	14.42 -0.86 0.00	25.22 -1.87 0.00	24.03 -1.84 0.81	28.58 -2.14 0.17	34.28 -2.76 1.00	29.85 -2.05 0.00	22.54 -1.33 7.61	18.65 -1.19 10.41	19.74 -1.05 8.80	19.73 -1.46 10.95	23.97 -1.64 7.80	18.89 -2.21 12.28	25.61 -3.37 13.99	31.87 -5.75 16.05	27.84 -5.54 16.54	32.36 -5.13 13.46	46.01 -4.51 0.00	46.57 -3.43 0.00	45.47 -3.94 0.00	34.87 -3.48 0.00	35.97 -3.02 0.00
HUNTLEY___65 23559	11.70 -0.62 0.00	2.20 -0.11 0.00	5.88 -0.34 0.00	14.42 -0.86 0.00	25.22 -1.87 0.00	24.03 -1.84 0.81	28.58 -2.14 0.17	34.28 -2.76 1.00	29.85 -2.05 0.00	22.54 -1.33 7.61	18.65 -1.19 10.41	19.74 -1.05 8.80	19.73 -1.46 10.95	23.97 -1.64 7.80	18.89 -2.21 12.28	25.61 -3.37 13.99	31.87 -5.75 16.05	27.84 -5.54 16.54	32.36 -5.13 13.46	46.01 -4.51 0.00	46.57 -3.43 0.00	45.47 -3.94 0.00	34.87 -3.48 0.00	35.97 -3.02 0.00
HUNTLEY___66 23560	11.70 -0.62 0.00	2.20 -0.11 0.00	5.88 -0.34 0.00	14.42 -0.86 0.00	25.22 -1.87 0.00	24.03 -1.84 0.81	28.58 -2.14 0.17	34.28 -2.76 1.00	29.85 -2.05 0.00	22.54 -1.33 7.61	18.65 -1.19 10.41	19.74 -1.05 8.80	19.73 -1.46 10.95	23.97 -1.64 7.80	18.89 -2.21 12.28	25.61 -3.37 13.99	31.87 -5.75 16.05	27.84 -5.54 16.54	32.36 -5.13 13.46	46.01 -4.51 0.00	46.57 -3.43 0.00	45.47 -3.94 0.00	34.87 -3.48 0.00	35.97 -3.02 0.00
HUNTLEY___67 23561	11.66 -0.67 0.00	2.19 -0.12 0.00	5.85 -0.36 0.00	14.37 -0.92 0.00	25.13 -1.95 0.00	23.77 -1.96 0.94	28.44 -2.26 0.19	34.05 -2.84 1.15	29.79 -2.12 0.00	21.23 -1.45 8.80	16.85 -1.38 12.03	18.18 -1.24 10.16	17.86 -1.63 12.65	22.57 -1.83 9.02	16.79 -2.40 14.19	23.19 -3.61 16.17	29.14 -5.98 18.55	25.20 -5.70 19.02	30.19 -5.29 15.47	45.93 -4.59 0.00	46.45 -3.54 0.00	45.36 -4.05 0.00	34.77 -3.57 0.00	35.85 -3.14 0.00
HUNTLEY___68 23562	11.66 -0.67 0.00	2.19 -0.12 0.00	5.85 -0.36 0.00	14.37 -0.92 0.00	25.13 -1.95 0.00	23.77 -1.96 0.94	28.44 -2.26 0.19	34.05 -2.84 1.15	29.79 -2.12 0.00	21.23 -1.45 8.80	16.85 -1.38 12.03	18.18 -1.24 10.16	17.86 -1.63 12.65	22.57 -1.83 9.02	16.79 -2.40 14.19	23.19 -3.61 16.17	29.14 -5.98 18.55	25.20 -5.70 19.02	30.19 -5.29 15.47	45.93 -4.59 0.00	46.45 -3.54 0.00	45.36 -4.05 0.00	34.77 -3.57 0.00	35.85 -3.14 0.00

HYLAND___LFGE 323620	12.49 0.16 0.00	2.34 0.03 0.00	6.26 0.04 0.00	15.36 0.07 0.00	26.87 -0.21 0.00	29.58 -0.27 -3.17	31.35 -0.18 -0.65	41.93 0.03 -3.87	31.72 -0.18 0.00	60.48 -0.56 -29.56	69.91 -0.68 -40.33	62.97 -0.71 -34.10	73.50 -1.01 -42.38	62.53 -1.11 -30.22	79.58 -1.34 -47.54	95.26 -1.89 -54.17	112.36 -3.71 -62.39	104.53 -3.61 -58.23	96.18 -3.36 -48.58	49.48 -1.04 0.00	50.60 0.61 0.00	49.60 0.19 0.00	37.76 -0.58 0.00	38.58 -0.41 0.00
INDECK___CORINTH 23802	12.98 0.65 0.00	2.44 0.14 0.00	6.58 0.36 0.00	16.15 0.86 0.00	28.43 1.35 0.00	28.05 1.37 0.00	32.62 1.73 0.00	40.15 2.12 0.00	33.35 1.45 0.00	32.82 1.34 0.00	31.59 1.33 0.00	30.69 1.11 0.00	33.33 1.19 0.00	34.62 1.20 0.00	34.78 1.40 0.00	44.58 1.61 0.00	56.10 2.43 0.00	52.20 2.31 0.03	53.31 2.35 0.00	53.06 2.54 0.00	52.45 2.46 0.00	51.92 2.51 0.00	40.15 1.81 0.00	40.53 1.54 0.00
INDECK___ILION 23567	12.40 0.07 0.00	2.33 0.02 0.00	6.29 0.08 0.00	15.47 0.19 0.00	27.28 0.20 0.00	26.92 0.24 0.00	31.11 0.22 0.00	38.24 0.20 0.00	31.98 0.08 0.00	31.41 -0.07 0.00	30.20 -0.06 0.00	29.48 -0.11 0.00	31.97 -0.17 0.00	33.24 -0.17 0.00	33.34 -0.05 0.00	42.96 -0.01 0.00	53.86 0.18 0.00	50.10 0.19 0.00	51.18 0.22 0.00	50.87 0.35 0.00	50.37 0.37 0.00	49.66 0.25 0.00	38.47 0.13 0.00	39.03 0.04 0.00
INDECK___OLEAN 23982	12.12 -0.20 0.00	2.29 -0.02 0.00	6.17 -0.04 0.00	15.14 -0.15 0.00	26.47 -0.62 0.00	25.67 -0.75 0.26	29.71 -1.13 0.05	36.53 -1.23 0.27	31.07 -0.83 0.00	29.37 -0.04 2.07	27.36 -0.06 2.84	27.24 0.05 2.39	29.03 -0.12 2.99	30.98 -0.30 2.13	29.24 -0.79 3.35	37.56 -1.59 3.82	45.68 -3.56 4.44	40.71 -3.05 6.15	43.21 -2.66 5.08	48.29 -2.23 0.00	48.70 -1.29 0.00	47.52 -1.90 0.00	36.36 -1.98 0.00	37.47 -1.52 0.00
INDECK___OSWEGO 23783	12.00 -0.33 0.00	2.25 -0.06 0.00	6.04 -0.17 0.00	14.85 -0.44 0.00	26.23 -0.86 0.00	25.85 -0.84 0.00	29.95 -0.94 0.00	36.86 -1.17 0.00	30.95 -0.95 0.00	30.57 -0.91 0.00	29.39 -0.87 0.00	28.70 -0.88 0.00	31.14 -1.00 0.00	32.38 -1.04 0.00	32.30 -1.08 0.00	41.56 -1.41 0.00	51.78 -1.89 0.00	48.17 -1.75 0.00	49.27 -1.68 0.00	48.93 -1.59 0.00	48.53 -1.46 0.00	47.80 -1.61 0.00	36.98 -1.37 0.00	37.60 -1.39 0.00
INDECK___YERKES 23781	11.71 -0.61 0.00	2.20 -0.11 0.00	5.88 -0.34 0.00	14.44 -0.85 0.00	25.24 -1.84 0.00	24.05 -1.81 0.81	28.61 -2.11 0.17	34.32 -2.72 1.00	29.88 -2.02 0.00	22.60 -1.27 7.61	18.72 -1.13 10.41	19.78 -1.01 8.80	19.79 -1.40 10.95	24.03 -1.58 7.80	18.98 -2.13 12.28	25.71 -3.26 13.99	32.03 -5.60 16.05	27.95 -5.43 16.54	32.46 -5.03 13.46	46.07 -4.45 0.00	46.61 -3.38 0.00	45.52 -3.89 0.00	34.89 -3.45 0.00	36.00 -2.99 0.00
INDIAN POINT_GT_1 24139	13.07 0.74 0.00	2.46 0.15 0.00	6.61 0.40 0.00	16.18 0.89 0.00	28.51 1.43 0.00	28.14 1.46 0.00	32.49 1.60 0.00	40.04 2.01 0.00	33.63 1.74 0.00	33.11 1.55 -0.08	31.86 1.60 0.00	31.28 1.70 0.00	34.09 1.96 0.00	35.44 2.02 0.00	35.48 2.09 0.00	45.77 2.80 0.00	56.94 3.26 0.00	52.95 3.08 0.04	53.96 3.01 0.00	53.52 3.00 0.00	53.11 3.12 0.00	52.10 2.69 0.00	40.35 2.01 0.00	40.90 1.91 0.00
INDIAN POINT_GT_2 23659	13.07 0.74 0.00	2.46 0.15 0.00	6.61 0.40 0.00	16.18 0.89 0.00	28.51 1.43 0.00	28.14 1.46 0.00	32.49 1.60 0.00	40.04 2.01 0.00	33.63 1.74 0.00	33.11 1.55 -0.08	31.86 1.60 0.00	31.28 1.70 0.00	34.09 1.96 0.00	35.44 2.02 0.00	35.48 2.09 0.00	45.77 2.80 0.00	56.94 3.26 0.00	52.95 3.08 0.04	53.96 3.01 0.00	53.52 3.00 0.00	53.11 3.12 0.00	52.10 2.69 0.00	40.35 2.01 0.00	40.90 1.91 0.00
INDIAN POINT_GT_3 24019	13.07 0.74 0.00	2.46 0.15 0.00	6.61 0.40 0.00	16.18 0.89 0.00	28.51 1.43 0.00	28.14 1.46 0.00	32.49 1.60 0.00	40.04 2.01 0.00	33.63 1.74 0.00	33.11 1.55 -0.08	31.86 1.60 0.00	31.28 1.70 0.00	34.09 1.96 0.00	35.44 2.02 0.00	35.48 2.09 0.00	45.77 2.80 0.00	56.94 3.26 0.00	52.95 3.08 0.04	53.96 3.01 0.00	53.52 3.00 0.00	53.11 3.12 0.00	52.10 2.69 0.00	40.35 2.01 0.00	40.90 1.91 0.00
INDIAN POINT___2 23530	13.06 0.73 0.00	2.45 0.15 0.00	6.61 0.39 0.00	16.16 0.88 0.00	28.48 1.40 0.00	28.11 1.43 0.00	32.45 1.56 0.00	39.99 1.95 0.00	33.59 1.69 0.00	33.11 1.52 -0.11	31.82 1.57 0.00	31.26 1.67 0.00	34.07 1.93 0.00	35.42 2.00 0.00	35.46 2.07 0.00	45.74 2.77 0.00	56.89 3.22 0.00	52.91 3.03 0.04	53.90 2.95 0.00	53.48 2.96 0.00	53.08 3.09 0.00	52.05 2.64 0.00	40.32 1.98 0.00	40.87 1.88 0.00
INDIAN POINT___3 23531	13.05 0.72 0.00	2.45 0.15 0.00	6.61 0.39 0.00	16.17 0.88 0.00	28.49 1.41 0.00	28.11 1.43 0.00	32.46 1.57 0.00	40.01 1.97 0.00	33.60 1.71 0.00	33.08 1.52 -0.08	31.83 1.57 0.00	31.26 1.67 0.00	34.06 1.92 0.00	35.41 2.00 0.00	35.45 2.07 0.00	45.73 2.76 0.00	56.90 3.23 0.00	52.92 3.04 0.04	53.93 2.97 0.00	53.48 2.96 0.00	53.07 3.09 0.00	52.05 2.64 0.00	40.31 1.96 0.00	40.88 1.89 0.00
INGHAM_C_115KV_TB7 356103	12.43 0.10 0.00	2.34 0.03 0.00	6.36 0.14 0.00	15.62 0.33 0.00	27.44 0.36 0.00	27.11 0.43 0.00	31.25 0.37 0.00	38.32 0.28 0.00	31.95 0.05 0.00	31.19 -0.29 0.00	30.01 -0.25 0.00	29.23 -0.36 0.00	31.61 -0.52 0.00	32.91 -0.51 0.00	33.15 -0.24 0.00	42.74 -0.23 0.00	53.81 0.13 0.00	50.09 0.17 0.00	51.25 0.30 0.00	51.06 0.54 0.00	50.54 0.54 0.00	49.76 0.35 0.00	38.52 0.17 0.00	38.99 0.00 0.00
IP CORINTH___1 23988	12.99 0.65 0.00	2.44 0.14 0.00	6.58 0.36 0.00	16.15 0.86 0.00	28.43 1.35 0.00	28.05 1.37 0.00	32.62 1.73 0.00	40.16 2.12 0.00	33.35 1.45 0.00	32.82 1.34 0.00	31.59 1.33 0.00	30.69 1.11 0.00	33.33 1.19 0.00	34.62 1.20 0.00	34.79 1.40 0.00	44.58 1.61 0.00	56.10 2.43 0.00	52.19 2.31 0.03	53.31 2.35 0.00	53.06 2.54 0.00	52.46 2.46 0.00	51.92 2.51 0.00	40.15 1.81 0.00	40.54 1.54 0.00
IP___TICONDEROGA 23804	13.21 0.88 0.00	2.50 0.19 0.00	6.72 0.51 0.00	16.51 1.22 0.00	28.99 1.91 0.00	28.67 1.99 0.00	33.53 2.65 0.00	41.45 3.42 0.00	34.05 2.16 0.00	33.47 1.99 0.00	32.30 2.04 0.00	31.52 1.94 0.00	34.15 2.01 0.00	35.35 1.93 0.00	35.87 2.49 0.00	45.69 2.71 0.00	57.76 4.09 0.00	53.67 3.78 0.03	54.80 3.85 0.00	54.61 4.09 0.00	53.90 3.91 0.00	54.05 4.64 0.00	41.64 3.30 0.00	41.65 2.66 0.00
ISLIP_RES_REC 323679	67.39 1.11 -53.95	54.97 0.22 -52.44	43.40 0.60 -36.59	30.35 1.35 -13.71	30.84 2.22 -1.54	28.77 2.08 0.00	33.16 2.26 0.00	42.83 2.63 -2.17	53.98 2.46 -19.62	59.89 2.29 -26.12	39.73 2.53 -6.95	38.97 2.28 -7.11	35.99 2.49 -1.36	41.54 2.50 -5.62	45.75 2.71 -9.66	101.99 3.68 -55.34	103.21 4.41 -45.12	151.01 4.45 -96.64	185.24 4.52 -129.77	158.95 4.69 -103.74	71.54 5.23 -16.32	54.94 4.84 -0.69	61.30 3.62 -19.33	42.41 3.42 0.00

JAMAICA__27_KV_LOAD 355505	15.38 0.82 -2.24	2.48 0.17 0.00	6.67 0.46 0.00	16.29 1.00 0.00	28.75 1.67 0.00	28.41 1.73 0.00	32.63 1.74 0.00	40.42 2.15 -0.23	36.35 1.83 -2.62	38.48 1.65 -5.35	35.35 1.97 -3.13	31.69 2.10 0.00	34.30 2.16 0.00	35.64 2.23 0.00	35.69 2.30 0.00	47.27 2.94 -1.36	62.12 3.32 -5.12	53.07 3.19 0.04	54.07 3.12 0.00	53.56 3.04 0.00	53.16 3.17 0.00	52.18 2.76 0.00	40.44 2.09 0.00	41.10 2.11 0.00
JANIS__SOLAR 323808	12.73 0.40 0.00	2.39 0.07 0.00	6.40 0.18 0.00	15.68 0.39 0.00	27.76 0.68 0.00	27.66 0.76 -0.22	31.93 1.00 -0.04	39.52 1.21 -0.27	32.98 1.08 0.00	34.52 0.96 -2.08	34.00 0.94 -2.80	32.65 0.69 -2.37	35.81 0.74 -2.93	36.24 0.74 -2.09	37.33 0.66 -3.28	47.40 0.67 -3.76	59.03 0.79 -4.57	54.80 0.80 -4.08	58.05 1.54 -5.55	52.41 1.89 0.00	51.97 1.98 0.00	51.09 1.67 0.00	39.39 1.05 0.00	40.10 1.11 0.00
JARVIS____ 23743	12.37 0.04 0.00	2.32 0.01 0.00	6.24 0.03 0.00	15.34 0.06 0.00	27.12 0.04 0.00	26.72 0.04 0.00	30.92 0.04 0.00	38.07 0.04 0.00	31.92 0.02 0.00	31.48 0.00 0.00	30.26 0.00 0.00	29.58 0.00 0.00	32.14 0.00 0.00	33.42 0.00 0.00	33.42 0.03 0.00	43.01 0.04 0.00	53.73 0.05 0.00	49.97 0.05 0.00	51.00 0.05 0.00	50.59 0.07 0.00	50.08 0.09 0.00	49.42 0.00 0.00	38.34 0.00 0.00	38.96 -0.03 0.00
JENNISON____1 23625	12.83 0.50 0.00	2.41 0.10 0.00	6.44 0.22 0.00	15.74 0.45 0.00	27.97 0.89 0.00	27.73 1.05 0.00	32.08 1.19 0.00	39.43 1.39 0.00	33.54 1.65 0.00	32.69 1.21 0.00	31.42 1.17 0.00	30.58 0.99 0.00	33.16 1.02 0.00	34.56 1.15 0.00	34.63 1.25 0.00	44.74 1.59 -0.18	57.84 1.74 -2.42	53.64 1.66 -2.06	55.41 2.13 -2.32	52.75 2.24 0.00	51.72 1.73 0.00	50.95 1.54 0.00	39.54 1.19 0.00	40.27 1.28 0.00
JENNISON____2 23626	12.83 0.50 0.00	2.41 0.10 0.00	6.44 0.22 0.00	15.74 0.45 0.00	27.97 0.89 0.00	27.73 1.05 0.00	32.08 1.19 0.00	39.43 1.39 0.00	33.54 1.65 0.00	32.69 1.21 0.00	31.42 1.17 0.00	30.58 0.99 0.00	33.16 1.02 0.00	34.56 1.15 0.00	34.63 1.25 0.00	44.74 1.59 -0.18	57.84 1.74 -2.42	53.64 1.66 -2.06	55.41 2.13 -2.32	52.75 2.24 0.00	51.72 1.73 0.00	50.95 1.54 0.00	39.54 1.19 0.00	40.27 1.28 0.00
JERICOHO_RISE_WT_PWR 323719	12.06 -0.27 0.00	2.23 -0.08 0.00	6.01 -0.20 0.00	14.96 -0.33 0.00	26.75 -0.33 0.00	26.42 -0.26 0.00	30.69 -0.20 0.00	37.94 -0.09 0.00	31.78 -0.12 0.00	31.41 -0.07 0.00	30.18 -0.08 0.00	29.51 -0.07 0.00	32.09 -0.05 0.00	33.39 -0.03 0.00	33.26 -0.12 0.00	42.72 -0.25 0.00	53.54 -0.14 0.00	49.58 -0.34 0.00	50.63 -0.32 0.00	50.30 -0.22 0.00	49.54 -0.45 0.00	49.31 -0.10 0.00	38.34 0.00 0.00	39.14 0.14 0.00
KATONAH__115KV_46KV_TB4 355592	13.12 0.79 0.00	2.47 0.16 0.00	6.64 0.42 0.00	16.24 0.95 0.00	28.62 1.54 0.00	28.25 1.57 0.00	32.62 1.73 0.00	40.21 2.17 0.00	33.77 1.88 0.00	33.23 1.71 -0.05	32.02 1.75 0.00	31.42 1.83 0.00	34.24 2.10 0.00	35.59 2.18 0.00	35.64 2.26 0.00	45.96 2.99 0.00	57.19 3.51 0.00	53.19 3.31 0.04	54.23 3.28 0.00	53.79 3.27 0.00	53.36 3.37 0.00	52.35 2.94 0.00	40.53 2.18 0.00	41.08 2.09 0.00
KCE_NY_1 323755	12.95 0.62 0.00	2.44 0.13 0.00	6.58 0.37 0.00	16.13 0.84 0.00	28.42 1.33 0.00	28.01 1.33 0.00	32.53 1.64 0.00	39.97 1.93 0.00	33.26 1.36 0.00	32.71 1.23 0.00	31.42 1.16 0.00	30.65 1.07 0.00	33.29 1.15 0.00	34.62 1.20 0.00	34.73 1.34 0.00	44.58 1.61 0.00	56.02 2.34 0.00	52.15 2.26 0.03	53.25 2.30 0.00	52.94 2.42 0.00	52.31 2.32 0.00	51.65 2.23 0.00	39.99 1.65 0.00	40.51 1.52 0.00
KCE_NY_6_ESR 323823	11.79 -0.54 0.00	2.21 -0.09 0.00	5.92 -0.30 0.00	14.52 -0.77 0.00	25.37 -1.71 0.00	23.98 -1.72 0.98	28.72 -1.97 0.20	34.45 -2.38 1.20	30.12 -1.78 0.00	21.19 -1.12 9.17	16.67 -1.04 12.54	18.04 -0.94 10.60	17.65 -1.30 13.19	22.52 -1.49 9.40	16.56 -2.03 14.80	23.01 -3.10 16.86	29.04 -5.28 19.35	25.28 -5.00 19.64	30.29 -4.50 16.17	46.67 -3.85 0.00	47.23 -2.77 0.00	46.08 -3.33 0.00	35.32 -3.02 0.00	36.38 -2.61 0.00
KEDC_PORT_JEFF_GT2 24210	66.89 1.06 -53.51	54.58 0.21 -52.06	43.11 0.57 -36.32	30.18 1.29 -13.61	30.70 2.09 -1.53	28.64 1.96 0.00	33.00 2.11 0.00	42.62 2.44 -2.15	53.59 2.27 -19.43	59.39 2.08 -25.82	39.42 2.33 -6.84	38.79 2.15 -7.06	35.85 2.36 -1.35	41.36 2.37 -5.58	45.55 2.58 -9.59	101.37 3.50 -54.90	102.52 4.16 -44.68	150.09 4.24 -95.93	184.06 4.29 -128.81	157.93 4.43 -102.98	70.99 4.95 -16.06	54.62 4.57 -0.65	60.91 3.45 -19.12	42.23 3.24 0.00
KEDC_PORT_JEFF_GT3 24211	66.89 1.06 -53.51	54.58 0.21 -52.06	43.11 0.57 -36.32	30.18 1.29 -13.61	30.70 2.09 -1.53	28.64 1.96 0.00	33.00 2.11 0.00	42.62 2.44 -2.15	53.59 2.27 -19.43	59.39 2.08 -25.82	39.42 2.33 -6.84	38.79 2.15 -7.06	35.85 2.36 -1.35	41.36 2.37 -5.58	45.55 2.58 -9.59	101.37 3.50 -54.90	102.52 4.16 -44.68	150.09 4.24 -95.93	184.06 4.29 -128.81	157.93 4.43 -102.98	70.99 4.95 -16.06	54.62 4.57 -0.65	60.91 3.45 -19.12	42.23 3.24 0.00
KEDC_GLWD_GT4 24219	109.85 0.93 -96.59	92.64 0.18 -90.14	69.60 0.49 -62.90	39.95 1.10 -23.56	31.51 1.79 -2.65	28.47 1.78 0.00	32.85 1.96 -0.01	44.57 2.41 -4.12	71.96 2.13 -37.93	87.46 1.98 -53.99	49.67 2.06 -17.35	43.94 2.13 -12.22	36.90 2.42 -2.34	45.58 2.49 -9.67	52.50 2.51 -16.60	144.16 3.32 -97.86	144.21 3.87 -86.67	219.69 3.72 -166.05	276.87 3.63 -222.28	232.36 3.69 -178.15	88.94 3.94 -35.01	55.52 3.48 -2.63	77.89 2.70 -36.85	41.59 2.60 0.00
KEDC_GLWD_GT5 24220	109.85 0.93 -96.59	92.64 0.18 -90.14	69.60 0.49 -62.90	39.95 1.10 -23.56	31.51 1.79 -2.65	28.47 1.78 0.00	32.85 1.96 -0.01	44.57 2.41 -4.12	71.96 2.13 -37.93	87.46 1.98 -53.99	49.67 2.06 -17.35	43.94 2.13 -12.22	36.90 2.42 -2.34	45.58 2.49 -9.67	52.50 2.51 -16.60	144.16 3.32 -97.86	144.21 3.87 -86.67	219.69 3.72 -166.05	276.87 3.63 -222.28	232.36 3.69 -178.15	88.94 3.94 -35.01	55.52 3.48 -2.63	77.89 2.70 -36.85	41.59 2.60 0.00
KENSICO____ 23655	13.11 0.79 0.00	2.46 0.15 0.00	6.63 0.42 0.00	16.22 0.94 0.00	28.59 1.51 0.00	28.20 1.52 0.00	32.56 1.68 0.00	40.14 2.10 0.00	33.74 1.84 0.00	33.23 1.68 -0.07	32.01 1.74 0.00	31.43 1.84 0.00	34.23 2.09 0.00	35.58 2.17 0.00	35.63 2.24 0.00	45.95 2.98 0.00	57.14 3.46 0.00	53.12 3.24 0.04	54.11 3.15 0.00	53.67 3.15 0.00	53.25 3.26 0.00	52.25 2.84 0.00	40.50 2.16 0.00	41.04 2.05 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	13.16 0.83 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.33 1.04 0.00	28.77 1.69 0.00	28.40 1.72 0.00	32.82 1.94 0.00	40.47 2.44 0.00	33.89 1.99 0.00	33.22 1.75 0.01	31.94 1.68 0.00	31.36 1.78 0.00	34.19 2.05 0.00	35.53 2.11 0.00	35.65 2.27 0.00	45.92 2.95 0.00	57.26 3.58 0.00	53.39 3.51 0.04	54.46 3.51 0.00	54.19 3.67 0.00	53.78 3.79 0.00	52.72 3.31 0.00	40.77 2.43 0.00	41.31 2.32 0.00

KIAC_JFK_GT1 23816	15.32 0.75 -2.24	2.47 0.16 0.00	6.63 0.42 0.00	16.21 0.92 0.00	28.62 1.54 0.00	28.23 1.55 0.00	32.35 1.46 0.00	40.06 1.79 -0.23	36.04 1.52 -2.62	38.18 1.35 -5.35	35.19 1.80 -3.13	31.53 1.95 0.00	34.13 1.99 0.00	35.48 2.06 0.00	35.52 2.14 0.00	47.00 2.67 -1.36	61.66 2.86 -5.12	52.61 2.73 0.04	53.60 2.65 0.00	53.09 2.57 0.00	52.67 2.68 0.00	51.71 2.29 0.00	40.09 1.75 0.00	40.87 1.89 0.00
KIAC_JFK_GT2 23817	15.32 0.75 -2.24	2.47 0.16 0.00	6.63 0.42 0.00	16.21 0.92 0.00	28.62 1.54 0.00	28.23 1.55 0.00	32.35 1.46 0.00	40.06 1.79 -0.23	36.04 1.52 -2.62	38.18 1.35 -5.35	35.19 1.80 -3.13	31.53 1.95 0.00	34.13 1.99 0.00	35.48 2.06 0.00	35.52 2.14 0.00	47.00 2.67 -1.36	61.66 2.86 -5.12	52.61 2.73 0.04	53.60 2.65 0.00	53.09 2.57 0.00	52.67 2.68 0.00	51.71 2.29 0.00	40.09 1.75 0.00	40.87 1.89 0.00
KIAC_JFK____ 323774	15.35 0.78 -2.24	2.47 0.16 0.00	6.64 0.42 0.00	16.21 0.92 0.00	28.62 1.53 0.00	28.23 1.55 0.00	32.35 1.46 0.00	40.07 1.81 -0.23	36.15 1.63 -2.62	38.29 1.46 -5.35	35.21 1.83 -3.13	31.53 1.95 0.00	34.13 1.99 0.00	35.48 2.06 0.00	35.52 2.13 0.00	47.04 2.71 -1.36	61.65 2.85 -5.12	52.61 2.74 0.04	53.60 2.65 0.00	53.08 2.56 0.00	52.67 2.68 0.00	51.71 2.30 0.00	40.09 1.75 0.00	40.88 1.88 0.00
KINTIGH__24_KV_GSU 356498	11.75 -0.57 0.00	2.21 -0.10 0.00	5.92 -0.30 0.00	14.52 -0.77 0.00	25.47 -1.61 0.00	24.54 -1.64 0.49	28.90 -1.88 0.10	35.02 -2.41 0.60	30.12 -1.78 0.00	25.63 -1.24 4.61	22.74 -1.20 6.31	23.18 -1.07 5.33	24.09 -1.41 6.64	27.13 -1.55 4.73	23.87 -2.06 7.45	31.35 -3.13 8.48	38.77 -5.19 9.72	36.56 -5.05 8.32	37.90 -4.77 8.28	46.40 -4.12 0.00	46.75 -3.24 0.00	45.75 -3.66 0.00	35.11 -3.23 0.00	36.11 -2.88 0.00
KINTIGH____ 23543	11.74 -0.58 0.00	2.21 -0.10 0.00	5.91 -0.30 0.00	14.51 -0.78 0.00	25.44 -1.64 0.00	24.52 -1.67 0.49	28.87 -1.91 0.10	34.99 -2.44 0.60	30.08 -1.81 0.00	25.60 -1.26 4.61	22.71 -1.24 6.31	23.15 -1.10 5.33	24.06 -1.44 6.64	27.11 -1.58 4.73	23.84 -2.10 7.45	31.32 -3.17 8.48	38.72 -5.24 9.72	36.51 -5.09 8.32	37.87 -4.81 8.28	46.35 -4.17 0.00	46.71 -3.28 0.00	45.71 -3.70 0.00	35.07 -3.27 0.00	36.08 -2.91 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	12.31 -0.02 0.00	2.29 -0.03 0.00	6.13 -0.09 0.00	15.23 -0.06 0.00	27.24 0.16 0.00	27.01 0.33 0.00	31.39 0.50 0.00	38.92 0.88 0.00	32.46 0.56 0.00	32.01 0.53 0.00	30.82 0.56 0.00	30.13 0.55 0.00	32.78 0.64 0.00	34.03 0.61 0.00	33.99 0.60 0.00	43.56 0.59 0.00	54.84 1.16 0.00	50.74 0.82 0.00	51.72 0.76 0.00	51.64 1.12 0.00	50.70 0.71 0.00	50.47 1.06 0.00	39.12 0.78 0.00	39.84 0.85 0.00
LACHUTE____HYDRO 323717	13.21 0.88 0.00	2.50 0.19 0.00	6.72 0.51 0.00	16.51 1.22 0.00	28.99 1.91 0.00	28.67 1.99 0.00	33.53 2.64 0.00	41.45 3.42 0.00	34.05 2.16 0.00	33.47 1.99 0.00	32.29 2.04 0.00	31.52 1.94 0.00	34.15 2.01 0.00	35.35 1.93 0.00	35.87 2.49 0.00	45.68 2.71 0.00	57.76 4.09 0.00	53.66 3.77 0.03	54.80 3.85 0.00	54.61 4.09 0.00	53.90 3.91 0.00	54.05 4.64 0.00	41.64 3.30 0.00	41.65 2.66 0.00
LAWRNCALV_115KV_TB1 80681	11.85 -0.48 0.00	2.19 -0.11 0.00	5.90 -0.32 0.00	14.63 -0.66 0.00	26.13 -0.95 0.00	25.84 -0.84 0.00	30.14 -0.74 0.00	37.16 -0.87 0.00	31.19 -0.70 0.00	30.95 -0.53 0.00	29.66 -0.60 0.00	28.93 -0.65 0.00	31.36 -0.78 0.00	32.64 -0.78 0.00	32.53 -0.85 0.00	41.92 -1.05 0.00	52.62 -1.05 0.00	48.83 -1.09 0.00	49.97 -0.98 0.00	49.69 -0.83 0.00	49.01 -0.98 0.00	48.58 -0.84 0.00	37.81 -0.53 0.00	38.52 -0.47 0.00
LEDERLE____ 23769	13.10 0.77 0.00	2.46 0.15 0.00	6.63 0.41 0.00	16.22 0.93 0.00	28.57 1.49 0.00	28.20 1.52 0.00	32.58 1.69 0.00	40.18 2.14 0.00	33.75 1.85 0.00	33.05 1.68 0.10	31.98 1.72 0.00	31.42 1.83 0.00	34.28 2.14 0.00	35.62 2.21 0.00	35.66 2.28 0.00	46.03 3.05 0.00	57.25 3.58 0.00	53.25 3.37 0.04	54.22 3.27 0.00	53.78 3.26 0.00	53.37 3.38 0.00	52.31 2.90 0.00	40.47 2.13 0.00	41.02 2.03 0.00
LIGHTSE_115KV_TB6 355974	12.02 -0.31 0.00	2.23 -0.07 0.00	6.00 -0.21 0.00	14.80 -0.49 0.00	26.14 -0.94 0.00	25.80 -0.88 0.00	30.06 -0.82 0.00	37.09 -0.94 0.00	31.15 -0.75 0.00	30.81 -0.67 0.00	29.57 -0.68 0.00	28.86 -0.73 0.00	31.24 -0.90 0.00	32.49 -0.92 0.00	32.46 -0.92 0.00	41.87 -1.11 0.00	52.19 -1.48 0.00	48.58 -1.34 0.00	49.79 -1.17 0.00	49.43 -1.09 0.00	49.01 -0.98 0.00	48.21 -1.21 0.00	37.26 -1.09 0.00	37.85 -1.14 0.00
LINDEN COGEN____ 23786	13.12 0.79 0.00	2.47 0.16 0.00	6.63 0.42 0.00	16.19 0.91 0.00	28.53 1.44 0.00	28.17 1.49 0.00	32.52 1.63 0.00	39.47 2.11 0.68	33.78 1.88 0.00	33.25 1.70 -0.07	32.08 1.82 0.00	31.52 1.95 0.01	34.05 2.18 0.27	35.04 2.27 0.64	35.21 2.33 0.51	46.02 3.10 0.05	43.69 3.52 13.50	42.64 3.29 10.57	43.67 3.17 10.45	43.17 3.14 10.49	42.31 3.27 10.95	40.98 2.81 11.24	38.46 2.17 2.05	40.86 2.04 0.16
LINDHRST_69_KV_BK1 356055	74.26 1.06 -60.88	61.03 0.21 -58.51	47.60 0.56 -40.83	31.85 1.27 -15.29	30.85 2.06 -1.72	28.66 1.97 0.00	33.04 2.15 0.00	43.12 2.60 -2.49	56.57 2.34 -22.33	64.42 2.18 -30.77	41.27 2.30 -8.72	39.70 2.18 -7.93	36.10 2.44 -1.52	42.14 2.45 -6.27	46.78 2.62 -10.78	108.73 3.53 -62.23	109.73 4.10 -51.96	161.75 4.11 -107.72	199.06 4.17 -143.94	170.46 4.27 -115.67	75.06 4.70 -20.37	55.17 4.40 -1.35	64.38 3.33 -22.70	42.08 3.09 0.00
LIPA_MISC_IPP 23656	66.64 1.01 -53.30	54.39 0.20 -51.88	42.96 0.55 -36.20	30.10 1.26 -13.56	30.66 2.05 -1.52	28.59 1.91 0.00	32.96 2.07 0.00	42.51 2.34 -2.14	53.46 2.22 -19.33	59.13 1.97 -25.69	39.29 2.25 -6.79	38.72 2.10 -7.04	35.76 2.28 -1.35	41.22 2.25 -5.56	45.39 2.45 -9.56	100.95 3.28 -54.70	102.11 3.95 -44.48	149.50 3.98 -95.60	183.35 4.02 -128.37	157.29 4.15 -102.63	70.69 4.76 -15.94	54.42 4.38 -0.63	60.65 3.29 -19.02	42.08 3.09 0.00
LISF____SOLAR 323691	66.74 1.03 -53.38	54.46 0.21 -51.95	43.02 0.56 -36.25	30.14 1.27 -13.58	30.70 2.10 -1.52	28.64 1.96 0.00	33.00 2.11 0.00	42.57 2.39 -2.14	53.52 2.25 -19.37	59.20 1.98 -25.74	39.38 2.32 -6.81	38.75 2.12 -7.04	35.75 2.27 -1.35	41.22 2.24 -5.57	45.40 2.44 -9.57	101.04 3.29 -54.77	102.16 3.93 -44.56	149.68 4.04 -95.72	183.60 4.11 -128.54	157.52 4.24 -102.76	70.84 4.86 -15.99	54.52 4.47 -0.64	60.77 3.37 -19.06	42.15 3.16 0.00
LITTLE FALLS____HYD 24013	12.43 0.10 0.00	2.34 0.03 0.00	6.36 0.14 0.00	15.62 0.33 0.00	27.44 0.36 0.00	27.11 0.43 0.00	31.25 0.37 0.00	38.32 0.28 0.00	31.95 0.05 0.00	31.19 -0.29 0.00	30.01 -0.25 0.00	29.23 -0.36 0.00	31.61 -0.52 0.00	32.91 -0.51 0.00	33.15 -0.24 0.00	42.74 -0.23 0.00	53.81 0.13 0.00	50.09 0.17 0.00	51.25 0.30 0.00	51.06 0.54 0.00	50.54 0.54 0.00	49.76 0.35 0.00	38.52 0.17 0.00	38.99 0.00 0.00

LITTLRIV_115KV_TB1 356100	12.00 -0.32 0.00	2.22 -0.09 0.00	5.97 -0.24 0.00	14.82 -0.47 0.00	26.48 -0.60 0.00	26.17 -0.51 0.00	30.59 -0.30 0.00	37.72 -0.31 0.00	31.63 -0.27 0.00	31.36 -0.12 0.00	29.98 -0.28 0.00	29.18 -0.40 0.00	31.58 -0.56 0.00	32.81 -0.61 0.00	32.76 -0.63 0.00	42.36 -0.61 0.00	53.22 -0.45 0.00	49.50 -0.42 0.00	50.71 -0.24 0.00	50.51 -0.01 0.00	49.83 -0.16 0.00	49.34 -0.07 0.00	38.36 0.02 0.00	39.08 0.09 0.00
LI_NEWBRDGE___DRP 323616	61.04 0.88 -47.83	49.73 0.17 -47.25	39.65 0.47 -32.97	28.68 1.05 -12.35	30.15 1.69 -1.39	28.33 1.65 0.00	32.65 1.76 0.00	42.03 2.12 -1.87	50.58 1.91 -16.77	54.95 1.75 -21.72	37.32 1.87 -5.19	37.91 1.92 -6.41	35.54 2.17 -1.23	40.69 2.21 -5.06	44.44 2.35 -8.70	95.43 3.15 -49.31	96.16 3.65 -38.84	140.53 3.56 -87.06	171.40 3.53 -116.91	147.63 3.60 -93.51	66.81 3.97 -12.85	53.12 3.59 -0.12	57.63 2.77 -16.52	41.57 2.58 0.00
LOCKPORT_115KV_TB60_63_64 80432	11.61 -0.72 0.00	2.18 -0.13 0.00	5.81 -0.40 0.00	14.26 -1.03 0.00	24.98 -2.10 0.00	23.98 -1.99 0.71	28.37 -2.37 0.15	34.13 -3.03 0.88	29.60 -2.30 0.00	23.36 -1.50 6.63	19.78 -1.41 9.07	20.67 -1.26 7.66	20.92 -1.69 9.53	24.75 -1.87 6.79	20.23 -2.45 10.70	27.09 -3.69 12.19	33.59 -6.12 13.97	29.66 -5.91 14.35	33.73 -5.47 11.76	45.53 -4.99 0.00	46.12 -3.87 0.00	45.04 -4.38 0.00	34.58 -3.76 0.00	35.69 -3.30 0.00
LOCKPORT___CC1 323769	11.61 -0.72 0.00	2.18 -0.13 0.00	5.81 -0.40 0.00	14.27 -1.02 0.00	24.99 -2.09 0.00	23.91 -2.01 0.76	28.36 -2.37 0.16	34.08 -3.02 0.94	29.60 -2.30 0.00	22.87 -1.49 7.11	19.12 -1.40 9.73	20.09 -1.27 8.22	20.22 -1.68 10.23	24.24 -1.88 7.29	19.46 -2.44 11.48	26.21 -3.68 13.08	32.57 -6.11 15.00	28.66 -5.88 15.38	32.92 -5.45 12.59	45.55 -4.97 0.00	46.12 -3.87 0.00	45.05 -4.36 0.00	34.56 -3.78 0.00	35.68 -3.31 0.00
LOCKPORT___CC2 323770	11.61 -0.72 0.00	2.18 -0.13 0.00	5.81 -0.40 0.00	14.27 -1.02 0.00	24.99 -2.09 0.00	23.91 -2.01 0.76	28.36 -2.37 0.16	34.08 -3.02 0.94	29.60 -2.30 0.00	22.87 -1.49 7.11	19.12 -1.40 9.73	20.09 -1.27 8.22	20.22 -1.68 10.23	24.24 -1.88 7.29	19.46 -2.44 11.48	26.21 -3.68 13.08	32.57 -6.11 15.00	28.66 -5.88 15.38	32.92 -5.45 12.59	45.55 -4.97 0.00	46.12 -3.87 0.00	45.05 -4.36 0.00	34.56 -3.78 0.00	35.68 -3.31 0.00
LOCKPORT___CC3 323771	11.61 -0.72 0.00	2.18 -0.13 0.00	5.81 -0.40 0.00	14.27 -1.02 0.00	24.99 -2.09 0.00	23.91 -2.01 0.76	28.36 -2.37 0.16	34.08 -3.02 0.94	29.60 -2.30 0.00	22.87 -1.49 7.11	19.12 -1.40 9.73	20.09 -1.27 8.22	20.22 -1.68 10.23	24.24 -1.88 7.29	19.46 -2.44 11.48	26.21 -3.68 13.08	32.57 -6.11 15.00	28.66 -5.88 15.38	32.92 -5.45 12.59	45.55 -4.97 0.00	46.12 -3.87 0.00	45.05 -4.36 0.00	34.56 -3.78 0.00	35.68 -3.31 0.00
LOCUSVLY_69_KV_BK2 55797	97.93 0.96 -84.64	82.36 0.19 -79.86	62.45 0.51 -55.72	37.31 1.15 -20.87	31.28 1.86 -2.34	28.52 1.84 0.00	32.89 2.00 0.00	44.05 2.46 -3.56	66.60 2.20 -32.50	79.16 2.05 -45.63	46.44 2.12 -14.07	42.60 2.18 -10.83	36.69 2.48 -2.07	44.53 2.55 -8.57	50.74 2.65 -14.71	132.51 3.50 -86.04	132.39 4.13 -74.58	201.01 3.99 -147.10	251.81 3.93 -196.93	212.33 3.97 -157.85	84.32 4.28 -30.05	55.44 3.88 -2.15	73.44 2.95 -32.14	41.78 2.78 0.00
LONG_LAKE_PHOENIX 24014	12.05 -0.28 0.00	2.26 -0.05 0.00	6.07 -0.14 0.00	14.91 -0.37 0.00	26.33 -0.75 0.00	25.94 -0.74 0.00	30.06 -0.83 0.00	37.02 -1.01 0.00	31.08 -0.82 0.00	30.70 -0.78 0.00	29.50 -0.75 0.00	28.84 -0.74 0.00	31.28 -0.87 0.00	32.52 -0.90 0.00	32.42 -0.96 0.00	41.71 -1.26 0.00	51.96 -1.71 0.00	48.35 -1.57 0.00	49.42 -1.53 0.00	49.13 -1.39 0.00	48.76 -1.23 0.00	47.99 -1.43 0.00	37.09 -1.25 0.00	37.72 -1.27 0.00
LOVETT___3 23632	13.04 0.71 0.00	2.45 0.14 0.00	6.60 0.38 0.00	16.15 0.87 0.00	28.46 1.38 0.00	28.09 1.41 0.00	32.43 1.54 0.00	39.97 1.94 0.00	33.60 1.71 0.00	32.88 1.52 0.11	31.83 1.57 0.00	31.27 1.68 0.00	34.08 1.94 0.00	35.42 2.01 0.00	35.46 2.07 0.00	45.75 2.78 0.00	56.93 3.25 0.00	52.94 3.06 0.04	53.87 2.92 0.00	53.44 2.92 0.00	53.03 3.03 0.00	52.01 2.59 0.00	40.27 1.93 0.00	40.83 1.84 0.00
LOVETT___4 23642	13.04 0.71 0.00	2.45 0.14 0.00	6.60 0.38 0.00	16.15 0.87 0.00	28.46 1.38 0.00	28.09 1.41 0.00	32.43 1.54 0.00	39.97 1.94 0.00	33.60 1.71 0.00	32.88 1.52 0.11	31.83 1.57 0.00	31.27 1.68 0.00	34.08 1.94 0.00	35.42 2.01 0.00	35.46 2.07 0.00	45.75 2.78 0.00	56.93 3.25 0.00	52.94 3.06 0.04	53.87 2.92 0.00	53.44 2.92 0.00	53.03 3.03 0.00	52.01 2.59 0.00	40.27 1.93 0.00	40.83 1.84 0.00
LOVETT___5 23593	13.04 0.71 0.00	2.45 0.14 0.00	6.60 0.38 0.00	16.15 0.87 0.00	28.46 1.38 0.00	28.09 1.41 0.00	32.43 1.54 0.00	39.97 1.94 0.00	33.60 1.71 0.00	32.88 1.52 0.11	31.83 1.57 0.00	31.27 1.68 0.00	34.08 1.94 0.00	35.42 2.01 0.00	35.46 2.07 0.00	45.75 2.78 0.00	56.93 3.25 0.00	52.94 3.06 0.04	53.87 2.92 0.00	53.44 2.92 0.00	53.03 3.03 0.00	52.01 2.59 0.00	40.27 1.93 0.00	40.83 1.84 0.00
LOWER RAQUET___HYD 24057	11.77 -0.55 0.00	2.18 -0.13 0.00	5.86 -0.36 0.00	14.53 -0.76 0.00	25.95 -1.13 0.00	25.68 -1.01 0.00	29.98 -0.91 0.00	36.96 -1.07 0.00	31.03 -0.87 0.00	30.78 -0.70 0.00	29.49 -0.77 0.00	28.75 -0.84 0.00	31.16 -0.98 0.00	32.42 -0.99 0.00	32.33 -1.05 0.00	41.67 -1.30 0.00	52.32 -1.36 0.00	48.59 -1.33 0.00	49.72 -1.23 0.00	49.45 -1.07 0.00	48.77 -1.22 0.00	48.33 -1.08 0.00	37.60 -0.74 0.00	38.31 -0.68 0.00
LOWER___HUDSON 24059	12.81 0.48 0.00	2.41 0.10 0.00	6.50 0.29 0.00	15.94 0.65 0.00	28.09 1.01 0.00	27.67 0.99 0.00	32.04 1.15 0.00	39.39 1.35 0.00	32.82 0.92 0.00	32.24 0.76 0.00	30.93 0.67 0.00	30.14 0.56 0.00	32.76 0.63 0.00	34.07 0.66 0.00	34.23 0.85 0.00	43.96 0.99 0.00	55.28 1.60 0.00	51.51 1.62 0.03	52.48 1.52 0.00	52.09 1.57 0.00	51.42 1.43 0.00	50.82 1.40 0.00	39.45 1.11 0.00	39.99 1.00 0.00
LOWVILLE_115KV_TB2 356335	12.14 -0.19 0.00	2.22 -0.09 0.00	5.96 -0.25 0.00	14.82 -0.47 0.00	26.18 -0.90 0.00	25.95 -0.73 0.00	30.44 -0.44 0.00	37.72 -0.32 0.00	31.74 -0.16 0.00	31.47 -0.01 0.00	30.19 -0.07 0.00	29.34 -0.24 0.00	31.81 -0.33 0.00	33.16 -0.26 0.00	33.10 -0.28 0.00	42.89 -0.08 0.00	53.63 -0.05 0.00	49.86 -0.06 0.00	51.17 0.22 0.00	50.66 0.14 0.00	50.07 0.08 0.00	49.40 -0.01 0.00	38.25 -0.10 0.00	38.77 -0.21 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	12.96 0.63 0.00	2.44 0.13 0.00	6.57 0.36 0.00	16.12 0.84 0.00	28.41 1.33 0.00	28.00 1.32 0.00	32.49 1.60 0.00	39.92 1.89 0.00	33.24 1.34 0.00	32.71 1.23 0.00	31.43 1.17 0.00	30.66 1.08 0.00	33.30 1.16 0.00	34.62 1.20 0.00	34.73 1.35 0.00	44.57 1.60 0.00	56.01 2.33 0.00	52.11 2.22 0.03	53.20 2.25 0.00	52.93 2.41 0.00	52.31 2.32 0.00	51.65 2.24 0.00	40.01 1.66 0.00	40.52 1.53 0.00

LUTHERNY_35_KV_BK2 355980	12.95 0.63 0.00	2.44 0.13 0.00	6.58 0.37 0.00	16.13 0.84 0.00	28.42 1.33 0.00	28.01 1.33 0.00	32.53 1.64 0.00	39.97 1.93 0.00	33.26 1.36 0.00	32.71 1.23 0.00	31.42 1.16 0.00	30.65 1.07 0.00	33.29 1.15 0.00	34.62 1.20 0.00	34.73 1.34 0.00	44.59 1.62 0.00	56.04 2.36 0.00	52.15 2.27 0.03	53.25 2.30 0.00	52.94 2.42 0.00	52.31 2.32 0.00	51.65 2.24 0.00	39.99 1.65 0.00	40.51 1.52 0.00
LWR___OSWEGATCHIE_HYD 23850	11.84 -0.49 0.00	2.18 -0.13 0.00	5.85 -0.36 0.00	14.52 -0.76 0.00	25.80 -1.28 0.00	25.55 -1.13 0.00	29.93 -0.96 0.00	37.00 -1.03 0.00	31.09 -0.81 0.00	30.82 -0.66 0.00	29.53 -0.72 0.00	28.76 -0.83 0.00	31.15 -0.99 0.00	32.42 -0.99 0.00	32.37 -1.02 0.00	41.85 -1.13 0.00	52.30 -1.38 0.00	48.59 -1.33 0.00	49.82 -1.13 0.00	49.44 -1.08 0.00	48.81 -1.18 0.00	48.25 -1.16 0.00	37.43 -0.91 0.00	38.03 -0.96 0.00
LYONS_FALL_HYD 23570	12.30 -0.03 0.00	2.27 -0.04 0.00	6.11 -0.11 0.00	15.10 -0.19 0.00	26.68 -0.40 0.00	26.39 -0.29 0.00	30.84 -0.05 0.00	38.14 0.10 0.00	32.06 0.16 0.00	31.74 0.26 0.00	30.46 0.20 0.00	29.67 0.08 0.00	32.20 0.06 0.00	33.52 0.10 0.00	33.49 0.10 0.00	43.27 0.30 0.00	54.09 0.41 0.00	50.28 0.36 0.00	51.53 0.57 0.00	51.06 0.54 0.00	50.50 0.51 0.00	49.80 0.39 0.00	38.53 0.19 0.00	39.09 0.10 0.00
MADISON___COUNTY_LFGE 323628	12.55 0.22 0.00	2.35 0.04 0.00	6.32 0.10 0.00	15.53 0.24 0.00	27.42 0.34 0.00	27.05 0.37 0.00	31.44 0.55 0.00	38.82 0.78 0.00	32.58 0.67 0.00	32.22 0.74 0.00	30.95 0.69 0.00	30.23 0.65 0.00	32.83 0.69 0.00	34.10 0.68 0.00	34.09 0.71 0.00	43.90 0.93 0.00	54.76 1.08 0.00	50.97 1.05 0.00	52.13 1.18 0.00	51.75 1.23 0.00	51.27 1.28 0.00	50.48 1.07 0.00	39.00 0.65 0.00	39.59 0.60 0.00
MALONE___115KV_TB1 356076	12.04 -0.29 0.00	2.23 -0.08 0.00	5.99 -0.22 0.00	14.91 -0.38 0.00	26.65 -0.43 0.00	26.34 -0.34 0.00	30.66 -0.22 0.00	37.94 -0.09 0.00	31.81 -0.09 0.00	31.48 0.00 0.00	30.21 -0.04 0.00	29.52 -0.06 0.00	32.02 -0.12 0.00	33.33 -0.08 0.00	33.16 -0.22 0.00	42.58 -0.39 0.00	53.49 -0.18 0.00	49.64 -0.28 0.00	50.77 -0.19 0.00	50.48 -0.04 0.00	49.77 -0.22 0.00	49.45 0.04 0.00	38.39 0.04 0.00	39.13 0.14 0.00
MAPLEWOD_115KV_TB3 80458	12.78 0.45 0.00	2.40 0.10 0.00	6.48 0.26 0.00	15.90 0.61 0.00	28.02 0.93 0.00	27.60 0.91 0.00	31.92 1.03 0.00	39.27 1.24 0.00	32.76 0.87 0.00	32.19 0.71 0.00	30.89 0.63 0.00	30.18 0.60 0.00	32.85 0.71 0.00	34.25 0.84 0.00	34.36 0.97 0.00	44.23 1.26 0.00	55.46 1.78 0.00	51.65 1.76 0.03	52.62 1.66 0.00	52.10 1.58 0.00	51.41 1.42 0.00	50.72 1.31 0.00	39.34 1.00 0.00	39.92 0.93 0.00
MAPLE_RIDGE_WT_1 323574	12.16 -0.17 0.00	2.26 -0.05 0.00	6.05 -0.16 0.00	14.92 -0.37 0.00	26.42 -0.66 0.00	26.08 -0.60 0.00	30.30 -0.58 0.00	37.46 -0.57 0.00	31.47 -0.43 0.00	31.15 -0.33 0.00	29.99 -0.26 0.00	29.30 -0.28 0.00	31.85 -0.29 0.00	33.22 -0.20 0.00	33.18 -0.20 0.00	42.71 -0.26 0.00	53.40 -0.27 0.00	49.59 -0.33 0.00	50.69 -0.26 0.00	50.34 -0.18 0.00	49.68 -0.31 0.00	49.21 -0.20 0.00	38.22 -0.13 0.00	38.89 -0.10 0.00
MAPLE_RIDGE_WT_2 323611	12.16 -0.17 0.00	2.26 -0.05 0.00	6.05 -0.16 0.00	14.92 -0.37 0.00	26.42 -0.66 0.00	26.08 -0.60 0.00	30.30 -0.58 0.00	37.46 -0.57 0.00	31.47 -0.43 0.00	31.15 -0.33 0.00	29.99 -0.26 0.00	29.30 -0.28 0.00	31.85 -0.29 0.00	33.22 -0.20 0.00	33.18 -0.20 0.00	42.71 -0.26 0.00	53.40 -0.27 0.00	49.59 -0.33 0.00	50.69 -0.26 0.00	50.34 -0.18 0.00	49.68 -0.31 0.00	49.21 -0.20 0.00	38.22 -0.13 0.00	38.89 -0.10 0.00
MARBLE_RIVER_WT_PWR 323696	12.12 -0.21 0.00	2.25 -0.06 0.00	6.03 -0.18 0.00	15.02 -0.27 0.00	26.88 -0.20 0.00	26.56 -0.12 0.00	30.84 -0.04 0.00	38.16 0.12 0.00	31.93 0.03 0.00	31.54 0.06 0.00	30.32 0.06 0.00	29.64 0.06 0.00	32.25 0.10 0.00	33.53 0.11 0.00	33.44 0.06 0.00	42.92 -0.05 0.00	53.83 0.15 0.00	49.81 -0.11 0.00	50.84 -0.12 0.00	50.55 0.03 0.00	49.73 -0.26 0.00	49.49 0.08 0.00	38.48 0.13 0.00	39.25 0.26 0.00
MARSHVLE_115KV_TB1 80742	12.79 0.46 0.00	2.39 0.08 0.00	6.42 0.21 0.00	15.82 0.53 0.00	28.05 0.97 0.00	27.73 1.05 0.00	32.21 1.33 0.00	39.49 1.46 0.00	33.12 1.22 0.00	32.89 1.41 0.00	31.55 1.29 0.00	30.78 1.20 0.00	33.22 1.08 0.00	34.53 1.11 0.00	34.55 1.17 0.00	44.20 1.22 0.00	55.46 1.78 0.00	51.39 1.52 0.05	52.79 1.84 0.00	52.99 2.48 0.00	52.82 2.83 0.00	52.01 2.60 0.00	40.09 1.75 0.00	40.71 1.72 0.00
MARSH_HILL_WT_PWR 323713	12.09 -0.23 0.00	2.25 -0.06 0.00	6.05 -0.17 0.00	14.87 -0.42 0.00	25.73 -1.35 0.00	28.06 -1.73 -3.11	29.73 -1.79 -0.63	40.13 -1.70 -3.79	30.48 -1.42 0.00	59.09 -1.42 -29.03	68.28 -1.53 -39.55	61.41 -1.63 -33.45	71.91 -1.77 -41.54	61.09 -1.96 -29.63	77.99 -1.99 -46.59	93.42 -2.68 -53.13	110.31 -4.88 -61.51	102.01 -4.86 -56.95	93.65 -4.32 -47.02	48.24 -2.28 0.00	49.08 -0.91 0.00	48.00 -1.41 0.00	36.53 -1.81 0.00	37.40 -1.59 0.00
MCINTYRE_115KV_TB2 80467	12.14 -0.19 0.00	2.25 -0.06 0.00	6.05 -0.16 0.00	15.00 -0.29 0.00	26.82 -0.26 0.00	26.49 -0.19 0.00	30.96 0.08 0.00	38.17 0.14 0.00	31.99 0.09 0.00	31.70 0.22 0.00	30.28 0.02 0.00	29.46 -0.13 0.00	31.87 -0.27 0.00	33.12 -0.30 0.00	33.06 -0.32 0.00	42.78 -0.19 0.00	53.79 0.12 0.00	50.05 0.13 0.00	51.31 0.35 0.00	51.13 0.61 0.00	50.45 0.46 0.00	49.96 0.55 0.00	38.82 0.48 0.00	39.55 0.56 0.00
MECO_____69_KV_BK1 80468	12.99 0.66 0.00	2.43 0.13 0.00	6.54 0.33 0.00	16.08 0.79 0.00	28.45 1.37 0.00	28.11 1.43 0.00	32.63 1.74 0.00	39.89 1.85 0.00	33.37 1.47 0.00	33.10 1.63 0.00	31.76 1.50 0.00	31.02 1.43 0.00	33.51 1.37 0.00	34.84 1.42 0.00	34.83 1.44 0.00	44.54 1.57 0.00	56.02 2.34 0.00	51.38 1.51 0.05	53.08 2.12 0.00	53.60 3.08 0.00	53.41 3.42 0.00	52.57 3.16 0.00	40.54 2.19 0.00	41.10 2.11 0.00
MENANDS___115KV_TB5 355628	12.72 0.40 0.00	2.39 0.09 0.00	6.45 0.24 0.00	15.83 0.54 0.00	27.91 0.83 0.00	27.48 0.80 0.00	31.76 0.87 0.00	39.08 1.05 0.00	32.60 0.70 0.00	32.02 0.54 0.00	30.75 0.49 0.00	30.03 0.45 0.00	32.70 0.56 0.00	34.14 0.72 0.00	34.25 0.86 0.00	44.11 1.14 0.00	55.33 1.65 0.00	51.53 1.64 0.03	52.47 1.52 0.00	51.90 1.38 0.00	51.10 1.11 0.00	50.42 1.01 0.00	39.12 0.78 0.00	39.71 0.72 0.00
MG INDUSTRY___DRP 24185	12.72 0.39 0.00	2.39 0.08 0.00	6.45 0.23 0.00	15.82 0.53 0.00	27.91 0.83 0.00	27.49 0.81 0.00	31.74 0.85 0.00	38.96 0.92 0.00	32.50 0.61 0.00	31.95 0.47 0.00	30.64 0.38 0.00	29.93 0.35 0.00	32.61 0.47 0.00	34.00 0.58 0.00	34.03 0.64 0.00	43.85 0.88 0.00	54.89 1.21 0.00	51.06 1.18 0.03	52.22 1.26 0.00	51.72 1.20 0.00	51.20 1.20 0.00	50.46 1.05 0.00	39.13 0.79 0.00	39.76 0.78 0.00

MID___OSWEGATCHIE_HYD 23849	11.84 -0.49 0.00	2.18 -0.13 0.00	5.85 -0.36 0.00	14.52 -0.76 0.00	25.80 -1.28 0.00	25.55 -1.13 0.00	29.93 -0.96 0.00	37.00 -1.03 0.00	31.09 -0.81 0.00	30.82 -0.66 0.00	29.53 -0.72 0.00	28.76 -0.83 0.00	31.15 -0.99 0.00	32.42 -0.99 0.00	32.37 -1.02 0.00	41.85 -1.13 0.00	52.30 -1.38 0.00	48.59 -1.33 0.00	49.82 -1.13 0.00	49.44 -1.08 0.00	48.81 -1.18 0.00	48.25 -1.16 0.00	37.43 -0.91 0.00	38.03 -0.96 0.00
MID___RAQUETTE_HYD 23851	11.77 -0.55 0.00	2.18 -0.13 0.00	5.86 -0.36 0.00	14.53 -0.76 0.00	25.95 -1.13 0.00	25.68 -1.01 0.00	29.98 -0.91 0.00	36.96 -1.07 0.00	31.03 -0.87 0.00	30.79 -0.69 0.00	29.49 -0.77 0.00	28.75 -0.84 0.00	31.16 -0.98 0.00	32.42 -0.99 0.00	32.33 -1.05 0.00	41.68 -1.30 0.00	52.33 -1.35 0.00	48.58 -1.34 0.00	49.73 -1.22 0.00	49.45 -1.07 0.00	48.77 -1.22 0.00	48.33 -1.08 0.00	37.60 -0.74 0.00	38.30 -0.68 0.00
MILLIKEN___1 23584	12.48 0.16 0.00	2.34 0.03 0.00	6.30 0.08 0.00	15.45 0.17 0.00	27.27 0.19 0.00	27.12 0.20 -0.24	31.24 0.30 -0.05	38.74 0.41 -0.29	32.30 0.40 0.00	34.13 0.41 -2.24	33.64 0.37 -3.00	32.37 0.23 -2.55	35.53 0.25 -3.14	35.85 0.19 -2.25	36.99 0.09 -3.51	46.97 -0.03 -4.03	58.57 -0.06 -4.96	54.41 -0.01 -4.51	57.53 0.34 -6.24	51.10 0.58 0.00	50.71 0.72 0.00	49.86 0.45 0.00	38.45 0.11 0.00	39.12 0.13 0.00
MILLIKEN___2 23585	12.48 0.16 0.00	2.34 0.03 0.00	6.30 0.08 0.00	15.45 0.17 0.00	27.27 0.19 0.00	27.12 0.20 -0.24	31.24 0.30 -0.05	38.74 0.41 -0.29	32.30 0.40 0.00	34.13 0.41 -2.24	33.64 0.37 -3.00	32.37 0.23 -2.55	35.53 0.25 -3.14	35.85 0.19 -2.25	36.99 0.09 -3.51	46.97 -0.03 -4.03	58.57 -0.06 -4.96	54.41 -0.01 -4.51	57.53 0.34 -6.24	51.10 0.58 0.00	50.71 0.72 0.00	49.86 0.45 0.00	38.45 0.11 0.00	39.12 0.13 0.00
MILLIKEN___DIESEL 23629	12.48 0.16 0.00	2.34 0.03 0.00	6.30 0.08 0.00	15.45 0.17 0.00	27.27 0.19 0.00	27.12 0.20 -0.24	31.24 0.30 -0.05	38.74 0.41 -0.29	32.30 0.40 0.00	34.13 0.41 -2.24	33.64 0.37 -3.00	32.37 0.23 -2.55	35.53 0.25 -3.14	35.85 0.19 -2.25	36.99 0.09 -3.51	46.97 -0.03 -4.03	58.57 -0.06 -4.96	54.41 -0.01 -4.51	57.53 0.34 -6.24	51.10 0.58 0.00	50.71 0.72 0.00	49.86 0.45 0.00	38.45 0.11 0.00	39.12 0.13 0.00
MILLSEAT___LFGE 323607	11.85 -0.48 0.00	2.22 -0.09 0.00	5.93 -0.28 0.00	14.57 -0.72 0.00	25.55 -1.53 0.00	24.67 -1.42 0.59	29.45 -1.33 0.11	35.93 -1.47 0.63	30.44 -1.46 0.00	25.21 -0.96 5.32	22.00 -0.98 7.28	22.55 -0.88 6.14	23.24 -1.24 7.65	26.62 -1.34 5.45	22.86 -1.94 8.59	30.21 -2.98 9.78	37.29 -5.19 11.20	33.53 -4.96 11.44	37.12 -4.32 9.51	46.91 -3.61 0.00	47.50 -2.49 0.00	46.41 -3.00 0.00	35.58 -2.76 0.00	36.62 -2.37 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	13.08 0.75 0.00	2.46 0.15 0.00	6.62 0.40 0.00	16.20 0.91 0.00	28.54 1.46 0.00	28.16 1.48 0.00	32.50 1.62 0.00	40.06 2.03 0.00	33.66 1.76 0.00	33.13 1.58 -0.07	31.89 1.63 0.00	31.31 1.73 0.00	34.12 1.98 0.00	35.47 2.05 0.00	35.50 2.11 0.00	45.80 2.82 0.00	56.98 3.30 0.00	53.00 3.12 0.04	54.00 3.05 0.00	53.57 3.05 0.00	53.15 3.16 0.00	52.15 2.73 0.00	40.38 2.04 0.00	40.95 1.96 0.00
MILLWOOD_13_KV_LOAD 356217	13.09 0.76 0.00	2.46 0.15 0.00	6.63 0.41 0.00	16.21 0.92 0.00	28.57 1.49 0.00	28.19 1.51 0.00	32.55 1.66 0.00	40.12 2.08 0.00	33.70 1.80 0.00	33.17 1.61 -0.07	31.92 1.66 0.00	31.34 1.76 0.00	34.15 2.02 0.00	35.51 2.10 0.00	35.54 2.16 0.00	45.86 2.89 0.00	57.07 3.39 0.00	53.09 3.21 0.04	54.10 3.14 0.00	53.66 3.13 0.00	53.24 3.25 0.00	52.22 2.81 0.00	40.43 2.09 0.00	41.00 2.01 0.00
MODEL_CITY_ENERGY 24167	11.50 -0.83 0.00	2.16 -0.15 0.00	5.75 -0.47 0.00	14.12 -1.17 0.00	24.74 -2.35 0.00	23.73 -2.21 0.74	28.07 -2.66 0.15	33.74 -3.38 0.92	29.27 -2.63 0.00	22.85 -1.68 6.95	19.18 -1.57 9.51	20.11 -1.44 8.03	20.28 -1.86 10.00	24.22 -2.07 7.13	19.54 -2.63 11.22	26.28 -3.91 12.78	32.59 -6.43 14.66	28.58 -6.19 15.15	32.87 -5.78 12.31	45.00 -5.52 0.00	45.58 -4.42 0.00	44.51 -4.90 0.00	34.20 -4.14 0.00	35.33 -3.66 0.00
MODERN_LFGE___ 323580	11.50 -0.83 0.00	2.16 -0.15 0.00	5.75 -0.47 0.00	14.12 -1.17 0.00	24.74 -2.35 0.00	23.73 -2.21 0.74	28.07 -2.66 0.15	33.74 -3.38 0.92	29.27 -2.63 0.00	22.85 -1.68 6.95	19.18 -1.57 9.51	20.11 -1.44 8.03	20.28 -1.86 10.00	24.22 -2.07 7.13	19.54 -2.63 11.22	26.28 -3.91 12.78	32.59 -6.43 14.66	28.58 -6.19 15.15	32.87 -5.78 12.31	45.00 -5.52 0.00	45.58 -4.42 0.00	44.51 -4.90 0.00	34.20 -4.14 0.00	35.33 -3.66 0.00
MOHAWK_PAPER___DRP 24187	12.78 0.45 0.00	2.40 0.10 0.00	6.48 0.26 0.00	15.90 0.61 0.00	28.02 0.93 0.00	27.60 0.91 0.00	31.92 1.03 0.00	39.27 1.24 0.00	32.76 0.87 0.00	32.19 0.71 0.00	30.89 0.63 0.00	30.18 0.60 0.00	32.85 0.71 0.00	34.25 0.84 0.00	34.36 0.97 0.00	44.23 1.26 0.00	55.46 1.78 0.00	51.65 1.76 0.03	52.62 1.66 0.00	52.10 1.58 0.00	51.41 1.42 0.00	50.72 1.31 0.00	39.34 1.00 0.00	39.92 0.93 0.00
MOHICAN___35_KV_115KV_LD 80490	13.02 0.69 0.00	2.45 0.14 0.00	6.60 0.39 0.00	16.19 0.90 0.00	28.50 1.42 0.00	28.13 1.45 0.00	32.72 1.83 0.00	40.27 2.24 0.00	33.40 1.50 0.00	32.86 1.38 0.00	31.63 1.38 0.00	30.78 1.19 0.00	33.41 1.27 0.00	34.70 1.28 0.00	34.91 1.53 0.00	44.72 1.75 0.00	56.31 2.63 0.00	52.39 2.50 0.03	53.48 2.53 0.00	53.26 2.74 0.00	52.62 2.63 0.00	52.13 2.72 0.00	40.31 1.97 0.00	40.69 1.70 0.00
MONGAUP___HYD 23641	13.00 0.68 0.00	2.44 0.13 0.00	6.57 0.36 0.00	16.09 0.80 0.00	28.37 1.29 0.00	27.93 1.25 0.00	32.05 1.16 0.00	39.46 1.43 0.00	32.91 1.01 0.00	32.19 0.78 0.06	30.79 0.54 0.00	30.18 0.60 0.00	32.88 0.74 0.00	34.24 0.83 0.00	34.37 0.99 0.00	44.63 1.66 0.00	55.64 1.96 0.00	51.72 1.85 0.05	53.11 2.16 0.00	52.82 2.31 0.00	52.35 2.36 0.00	51.37 1.96 0.00	39.83 1.49 0.00	40.78 1.79 0.00
MONTAUK___DIESEL 23721	66.44 0.77 -53.34	54.37 0.15 -51.91	42.93 0.49 -36.22	30.05 1.19 -13.57	30.69 2.09 -1.52	28.43 1.75 0.00	33.08 2.19 0.00	42.47 2.29 -2.14	53.86 2.61 -19.35	59.18 1.99 -25.71	39.78 2.72 -6.79	39.42 2.80 -7.04	36.59 3.10 -1.35	41.93 2.95 -5.56	45.93 2.99 -9.56	101.47 3.77 -54.73	102.57 4.38 -44.51	149.26 3.69 -95.65	182.26 2.87 -128.44	155.92 2.72 -102.69	70.35 4.40 -15.96	54.07 4.03 -0.63	60.31 2.93 -19.04	41.44 2.45 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	12.09 -0.24 0.00	2.27 -0.04 0.00	6.04 -0.18 0.00	14.75 -0.54 0.00	25.61 -1.47 0.00	24.58 -1.38 0.72	29.46 -1.26 0.16	36.11 -0.94 0.98	31.28 -0.61 0.00	23.88 -0.13 7.47	19.95 -0.10 10.21	20.86 -0.10 8.62	21.04 -0.36 10.74	24.86 -0.91 7.65	19.62 -1.72 12.05	26.31 -2.94 13.72	32.95 -5.09 15.63	30.90 -4.21 14.81	35.81 -2.93 12.22	48.48 -2.04 0.00	48.76 -1.23 0.00	47.22 -2.20 0.00	35.91 -2.43 0.00	37.24 -1.75 0.00

MORRIS_RIDGE___SOLAR 323848	11.95 -0.38 0.00	2.24 -0.07 0.00	6.00 -0.21 0.00	14.71 -0.58 0.00	25.59 -1.49 0.00	20.51 -1.68 4.49	28.11 -1.86 0.91	30.54 -2.03 5.46	30.29 -1.61 0.00	-11.93 -1.65 41.76	-28.44 -1.60 57.11	-20.29 -1.64 48.24	-29.76 -1.86 60.03	-11.46 -2.08 42.80	-36.12 -2.15 67.36	-36.70 -2.93 76.74	-39.62 -5.28 88.01	-38.93 -4.97 83.88	-25.22 -4.66 71.51	47.51 -3.01 0.00	48.23 -1.76 0.00	47.12 -2.29 0.00	35.95 -2.39 0.00	36.97 -2.02 0.00
MORTIMER_115KV_TB3 55949	11.98 -0.35 0.00	2.25 -0.06 0.00	6.02 -0.19 0.00	14.78 -0.50 0.00	26.01 -1.07 0.00	25.62 -1.06 0.00	29.75 -1.13 0.00	36.61 -1.42 0.00	30.87 -1.03 0.00	30.73 -0.75 0.00	29.48 -0.78 0.00	28.91 -0.67 0.00	31.22 -0.92 0.00	32.44 -0.98 0.00	32.01 -1.37 0.00	40.88 -2.09 0.00	50.13 -3.55 0.00	46.62 -3.40 -0.10	47.40 -3.09 0.46	48.02 -2.51 0.00	48.14 -1.85 0.00	47.19 -2.22 0.00	36.23 -2.11 0.00	37.08 -1.91 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	13.17 0.84 0.00	2.48 0.16 0.00	6.65 0.44 0.00	16.27 0.98 0.00	28.67 1.59 0.00	28.30 1.62 0.00	32.67 1.78 0.00	40.31 2.27 0.00	33.94 2.04 0.00	33.43 1.88 -0.07	32.23 1.97 0.00	31.67 2.09 0.00	34.47 2.33 0.00	35.83 2.41 0.00	35.87 2.49 0.00	46.25 3.28 0.00	57.42 3.75 0.00	53.37 3.50 0.04	54.35 3.40 0.00	53.89 3.37 0.00	53.48 3.49 0.00	52.47 3.06 0.00	40.68 2.34 0.00	41.22 2.23 0.00
MUNSVILLE_WIND_PWR 323609	13.03 0.70 0.00	2.44 0.13 0.00	6.52 0.31 0.00	15.95 0.66 0.00	28.40 1.32 0.00	28.33 1.48 -0.17	32.83 1.91 -0.03	40.41 2.16 -0.21	33.84 1.94 0.00	34.85 1.77 -1.60	34.28 1.85 -2.17	33.01 1.58 -1.84	36.05 1.64 -2.28	36.84 1.80 -1.63	37.85 1.91 -2.55	48.35 2.46 -2.92	60.12 2.96 -3.49	55.86 2.87 -3.07	58.52 3.64 -3.93	54.22 3.70 0.00	53.41 3.42 0.00	52.59 3.17 0.00	40.61 2.27 0.00	41.38 2.39 0.00
N SALMON___HYD 24042	12.04 -0.29 0.00	2.23 -0.08 0.00	5.99 -0.22 0.00	14.91 -0.38 0.00	26.65 -0.43 0.00	26.34 -0.34 0.00	30.67 -0.22 0.00	37.94 -0.10 0.00	31.81 -0.09 0.00	31.48 0.00 0.00	30.21 -0.05 0.00	29.52 -0.06 0.00	32.02 -0.12 0.00	33.33 -0.08 0.00	33.16 -0.23 0.00	42.58 -0.39 0.00	53.49 -0.18 0.00	49.65 -0.27 0.00	50.77 -0.19 0.00	50.48 -0.04 0.00	49.77 -0.22 0.00	49.45 0.04 0.00	38.39 0.04 0.00	39.13 0.14 0.00
N.AKRON___115KV_KNAPP 355671	11.79 -0.54 0.00	2.21 -0.10 0.00	5.90 -0.31 0.00	14.48 -0.80 0.00	25.39 -1.69 0.00	24.46 -1.58 0.64	28.79 -1.96 0.14	34.62 -2.56 0.85	30.35 -1.55 0.00	24.77 -0.99 5.73	21.42 -1.00 7.84	22.11 -0.86 6.62	22.68 -1.22 8.24	26.19 -1.35 5.87	22.19 -1.95 9.25	29.42 -3.02 10.53	36.37 -5.24 12.07	32.55 -5.02 12.35	36.28 -4.46 10.21	46.75 -3.77 0.00	47.36 -2.64 0.00	46.25 -3.16 0.00	35.48 -2.86 0.00	36.53 -2.46 0.00
N.E_GEN_SANDY PD 24062	12.29 0.55 0.59	8.90 0.12 -6.47	19.34 0.33 -12.80	20.06 0.76 -4.02	28.25 1.17 0.00	28.48 1.16 -0.64	32.27 1.31 -0.07	41.82 1.53 -2.25	32.26 1.06 0.70	30.97 0.88 1.40	30.14 0.72 0.83	30.11 0.52 0.00	32.73 0.59 0.00	34.00 0.59 0.00	34.21 0.82 0.00	43.50 0.95 0.42	53.77 1.65 1.56	51.62 1.74 0.03	52.50 1.59 0.05	52.13 1.61 0.00	51.40 1.41 0.00	51.15 1.46 -0.28	39.39 1.19 0.13	40.05 1.11 0.04
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	13.06 0.73 0.00	2.45 0.15 0.00	6.61 0.39 0.00	16.18 0.89 0.00	28.50 1.42 0.00	28.12 1.44 0.00	32.47 1.59 0.00	40.03 2.00 0.00	33.68 1.78 0.00	32.96 1.59 0.11	31.89 1.64 0.00	31.34 1.75 0.00	34.18 2.04 0.00	35.54 2.12 0.00	35.56 2.18 0.00	45.91 2.94 0.00	57.11 3.43 0.00	53.10 3.22 0.04	54.02 3.07 0.00	53.58 3.05 0.00	53.15 3.16 0.00	52.12 2.71 0.00	40.35 2.01 0.00	40.89 1.90 0.00
N.QUEENS_27_KV_LOAD 356247	14.56 0.95 -1.28	2.49 0.18 0.00	6.68 0.46 0.00	16.31 1.02 0.00	28.71 1.63 0.00	28.32 1.63 0.00	32.68 1.80 0.00	40.65 2.49 -0.13	35.62 2.22 -1.50	36.55 1.98 -3.09	34.08 2.03 -1.79	31.69 2.11 0.00	34.38 2.24 0.00	35.81 2.39 0.00	35.83 2.45 0.00	47.16 3.28 -0.91	60.36 3.69 -2.99	53.30 3.43 0.04	54.28 3.32 0.00	53.80 3.28 0.00	53.40 3.40 0.00	52.45 3.04 0.00	40.71 2.37 0.00	41.21 2.22 0.00
N.TROY___115KV_TB1 355778	12.81 0.48 0.00	2.41 0.10 0.00	6.50 0.29 0.00	15.94 0.66 0.00	28.09 1.01 0.00	27.67 0.99 0.00	32.04 1.15 0.00	39.39 1.36 0.00	32.82 0.92 0.00	32.24 0.76 0.00	30.93 0.67 0.00	30.14 0.56 0.00	32.77 0.63 0.00	34.07 0.66 0.00	34.23 0.85 0.00	43.97 1.00 0.00	55.28 1.60 0.00	51.51 1.62 0.03	52.48 1.53 0.00	52.09 1.57 0.00	51.42 1.43 0.00	50.82 1.41 0.00	39.45 1.11 0.00	39.99 1.00 0.00
NARROWS_GT1_1 24228	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NARROWS_GT1_2 24229	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NARROWS_GT1_3 24230	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NARROWS_GT1_4 24231	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NARROWS_GT1_5 24232	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00

NARROWS_GT1_6 24233	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NARROWS_GT1_7 24234	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NARROWS_GT1_8 24235	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NARROWS_GT2_1 24236	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NARROWS_GT2_2 24237	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NARROWS_GT2_3 24238	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NARROWS_GT2_4 24239	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NARROWS_GT2_5 24240	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NARROWS_GT2_6 24241	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NARROWS_GT2_7 24242	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NARROWS_GT2_8 24243	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	12.86 0.53 0.00	2.42 0.11 0.00	6.51 0.30 0.00	15.97 0.68 0.00	28.18 1.09 0.00	27.77 1.09 0.00	32.14 1.26 0.00	39.53 1.50 0.00	32.83 0.93 0.00	32.13 0.65 0.00	30.79 0.53 0.00	30.06 0.48 0.00	32.76 0.62 0.00	34.26 0.84 0.00	34.35 0.97 0.00	44.13 1.16 0.00	55.33 1.65 0.00	51.49 1.60 0.04	52.83 1.88 0.00	52.52 2.00 0.00	52.05 2.06 0.00	51.27 1.85 0.00	39.68 1.34 0.00	40.23 1.24 0.00
NCHELSEA_115KV_TR2 355582	13.14 0.81 0.00	2.47 0.16 0.00	6.65 0.43 0.00	16.27 0.98 0.00	28.67 1.59 0.00	28.28 1.61 0.00	32.68 1.80 0.00	40.29 2.25 0.00	33.79 1.90 0.00	33.20 1.72 0.00	31.98 1.72 0.00	31.37 1.79 0.00	34.20 2.06 0.00	35.59 2.17 0.00	35.64 2.26 0.00	45.97 3.00 0.00	57.25 3.57 0.00	53.27 3.39 0.04	54.33 3.37 0.00	53.91 3.39 0.00	53.47 3.48 0.00	52.46 3.05 0.00	40.60 2.26 0.00	41.13 2.15 0.00
NEG CAPITAL___MECHNVIL 23645	12.97 0.65 0.00	2.44 0.13 0.00	6.58 0.37 0.00	16.14 0.85 0.00	28.44 1.36 0.00	28.03 1.35 0.00	32.52 1.63 0.00	39.97 1.93 0.00	33.30 1.40 0.00	32.74 1.26 0.00	31.46 1.20 0.00	30.70 1.12 0.00	33.35 1.21 0.00	34.67 1.26 0.00	34.78 1.39 0.00	44.64 1.67 0.00	56.10 2.42 0.00	52.22 2.34 0.03	53.29 2.34 0.00	53.01 2.48 0.00	52.38 2.39 0.00	51.71 2.30 0.00	40.06 1.72 0.00	40.57 1.58 0.00
NEG CENTRAL_HIGH_ACRES 23767	11.83 -0.50 0.00	2.22 -0.09 0.00	5.95 -0.26 0.00	14.62 -0.67 0.00	25.74 -1.34 0.00	25.36 -1.32 0.00	29.46 -1.42 0.00	36.28 -1.75 0.00	30.57 -1.33 0.00	30.39 -1.10 0.00	29.17 -1.09 0.00	28.55 -1.04 0.00	30.85 -1.29 0.00	32.02 -1.39 0.00	31.70 -1.69 0.00	40.55 -2.42 0.00	50.01 -3.67 0.00	46.53 -3.53 -0.15	47.36 -3.26 0.34	47.72 -2.80 0.00	47.71 -2.28 0.00	46.79 -2.63 0.00	35.96 -2.39 0.00	36.73 -2.26 0.00

NEG CENTRAL___DRP 24199	12.22 -0.11 0.00	2.29 -0.02 0.00	6.16 -0.06 0.00	15.11 -0.18 0.00	26.63 -0.45 0.00	26.50 -0.47 -0.30	30.49 -0.46 -0.06	37.93 -0.48 -0.36	31.56 -0.34 0.00	34.01 -0.25 -2.79	33.74 -0.28 -3.76	32.42 -0.35 -3.19	35.56 -0.52 -3.94	35.62 -0.61 -2.81	37.08 -0.71 -4.41	46.89 -1.13 -5.05	57.89 -1.84 -6.06	53.99 -1.63 -5.70	53.91 -1.35 -4.31	49.58 -0.94 0.00	49.40 -0.59 0.00	48.63 -0.79 0.00	37.44 -0.90 0.00	38.13 -0.86 0.00
NEG CENTRAL___INDECK 23768	12.34 0.01 0.00	2.31 0.00 0.00	6.18 -0.03 0.00	15.19 -0.10 0.00	26.56 -0.52 0.00	29.28 -0.59 -3.19	31.01 -0.53 -0.65	41.49 -0.43 -3.88	31.53 -0.37 0.00	60.62 -0.55 -29.70	70.13 -0.65 -40.52	63.18 -0.66 -34.26	73.81 -0.90 -42.57	62.78 -0.99 -30.36	79.92 -1.23 -47.76	95.65 -1.75 -54.43	112.84 -3.52 -62.68	104.97 -3.45 -58.50	96.57 -3.20 -48.81	49.24 -1.28 0.00	50.03 0.04 0.00	48.98 -0.43 0.00	37.33 -1.01 0.00	38.18 -0.81 0.00
NEG CENTRAL___SENECA 23627	12.24 -0.09 0.00	2.30 -0.01 0.00	6.17 -0.04 0.00	15.14 -0.14 0.00	26.62 -0.46 0.00	26.64 -0.51 -0.47	30.52 -0.46 -0.10	38.20 -0.41 -0.58	31.61 -0.28 0.00	35.72 -0.17 -4.42	35.99 -0.23 -5.96	34.35 -0.29 -5.06	37.88 -0.51 -6.25	37.27 -0.61 -4.46	39.64 -0.74 -7.00	49.78 -1.20 -8.01	61.05 -2.21 -9.59	56.92 -1.97 -8.97	56.03 -1.59 -6.66	49.51 -1.01 0.00	49.48 -0.51 0.00	48.67 -0.74 0.00	37.41 -0.93 0.00	38.13 -0.86 0.00
NEG CENTRAL___STATE_STREET 24147	12.30 -0.03 0.00	2.31 0.00 0.00	6.19 -0.02 0.00	15.20 -0.09 0.00	26.90 -0.18 0.00	26.52 -0.16 0.00	30.78 -0.11 0.00	37.87 -0.17 0.00	31.82 -0.08 0.00	31.43 -0.05 0.00	30.20 -0.05 0.00	29.40 -0.19 0.00	31.84 -0.30 0.00	33.07 -0.35 0.00	32.92 -0.46 0.00	42.44 -0.72 -0.18	55.22 -0.92 -2.46	51.50 -0.74 -2.32	52.65 -0.53 -2.23	50.22 -0.30 0.00	49.74 -0.26 0.00	49.04 -0.37 0.00	37.85 -0.50 0.00	38.51 -0.48 0.00
NEG MILLWOOD___DRP 24198	13.16 0.83 0.00	2.48 0.16 0.00	6.66 0.44 0.00	16.29 1.01 0.00	28.71 1.63 0.00	28.34 1.66 0.00	32.75 1.86 0.00	40.37 2.33 0.00	33.89 1.99 0.00	33.33 1.83 -0.02	32.09 1.83 0.00	31.48 1.89 0.00	34.31 2.18 0.00	35.68 2.26 0.00	35.76 2.37 0.00	46.11 3.14 0.00	57.39 3.72 0.00	53.39 3.51 0.04	54.45 3.50 0.00	54.03 3.51 0.00	53.59 3.60 0.00	52.58 3.17 0.00	40.68 2.34 0.00	41.21 2.22 0.00
NEG NORTH_FLCN_SEA 23793	12.35 0.02 0.00	2.29 -0.02 0.00	6.15 -0.06 0.00	15.28 -0.01 0.00	27.33 0.25 0.00	27.13 0.45 0.00	31.51 0.62 0.00	39.06 1.02 0.00	32.57 0.67 0.00	32.12 0.64 0.00	30.92 0.66 0.00	30.24 0.66 0.00	32.92 0.78 0.00	34.17 0.75 0.00	34.17 0.78 0.00	43.75 0.78 0.00	55.09 1.42 0.00	50.90 0.98 0.00	51.84 0.89 0.00	51.78 1.26 0.00	50.78 0.79 0.00	50.58 1.16 0.00	39.21 0.87 0.00	39.94 0.95 0.00
NEG NORTH_KES_CHATEGAY 23792	12.08 -0.24 0.00	2.24 -0.07 0.00	6.02 -0.19 0.00	14.99 -0.30 0.00	26.80 -0.28 0.00	26.47 -0.21 0.00	30.76 -0.12 0.00	38.03 -0.01 0.00	31.82 -0.08 0.00	31.42 -0.06 0.00	30.19 -0.07 0.00	29.52 -0.06 0.00	32.11 -0.03 0.00	33.40 -0.02 0.00	33.28 -0.11 0.00	42.72 -0.25 0.00	53.54 -0.13 0.00	49.63 -0.29 0.00	50.73 -0.22 0.00	50.46 -0.06 0.00	49.69 -0.30 0.00	49.47 0.06 0.00	38.44 0.09 0.00	39.22 0.23 0.00
NEG NORTH___ALICE_FALLS 23915	12.31 -0.02 0.00	2.29 -0.03 0.00	6.13 -0.09 0.00	15.23 -0.06 0.00	27.24 0.16 0.00	27.01 0.33 0.00	31.39 0.50 0.00	38.92 0.88 0.00	32.46 0.56 0.00	32.01 0.53 0.00	30.82 0.56 0.00	30.13 0.55 0.00	32.78 0.64 0.00	34.03 0.61 0.00	33.99 0.60 0.00	43.56 0.59 0.00	54.84 1.16 0.00	50.74 0.82 0.00	51.72 0.76 0.00	51.64 1.12 0.00	50.70 0.71 0.00	50.47 1.06 0.00	39.12 0.78 0.00	39.84 0.85 0.00
NEG NORTH___LWR_SARANAC 23913	12.31 -0.02 0.00	2.29 -0.03 0.00	6.13 -0.09 0.00	15.23 -0.06 0.00	27.24 0.16 0.00	27.01 0.33 0.00	31.39 0.50 0.00	38.92 0.88 0.00	32.46 0.56 0.00	32.01 0.53 0.00	30.82 0.56 0.00	30.13 0.55 0.00	32.78 0.64 0.00	34.03 0.61 0.00	33.99 0.60 0.00	43.56 0.59 0.00	54.84 1.16 0.00	50.74 0.82 0.00	51.72 0.76 0.00	51.64 1.12 0.00	50.70 0.71 0.00	50.47 1.06 0.00	39.12 0.78 0.00	39.84 0.85 0.00
NEG NORTH___PLATTSBURG 23628	12.31 -0.02 0.00	2.28 -0.03 0.00	6.13 -0.09 0.00	15.23 -0.06 0.00	27.24 0.16 0.00	27.01 0.33 0.00	31.39 0.50 0.00	38.91 0.88 0.00	32.46 0.56 0.00	32.01 0.53 0.00	30.81 0.56 0.00	30.13 0.54 0.00	32.78 0.64 0.00	34.03 0.61 0.00	33.99 0.60 0.00	43.56 0.59 0.00	54.84 1.16 0.00	50.74 0.82 0.00	51.71 0.76 0.00	51.64 1.12 0.00	50.70 0.71 0.00	50.47 1.06 0.00	39.12 0.78 0.00	39.84 0.86 0.00
NEG WEST_LEA_LOCKPORT 23791	11.61 -0.72 0.00	2.18 -0.13 0.00	5.81 -0.40 0.00	14.27 -1.01 0.00	24.99 -2.09 0.00	23.91 -2.01 0.76	28.36 -2.37 0.16	34.07 -3.03 0.94	29.60 -2.30 0.00	22.84 -1.52 7.11	19.09 -1.44 9.73	20.07 -1.29 8.22	20.19 -1.72 10.23	24.22 -1.90 7.29	19.42 -2.48 11.48	26.16 -3.73 13.08	32.51 -6.17 15.00	28.59 -5.95 15.38	32.85 -5.52 12.59	45.54 -4.98 0.00	46.12 -3.87 0.00	45.05 -4.36 0.00	34.57 -3.77 0.00	35.68 -3.31 0.00
NEG WEST___LANCASTR 23811	11.82 -0.51 0.00	2.23 -0.08 0.00	5.96 -0.25 0.00	14.63 -0.66 0.00	25.59 -1.49 0.00	24.40 -1.50 0.79	28.90 -1.82 0.16	34.89 -2.19 0.96	30.29 -1.61 0.00	23.31 -0.87 7.29	19.47 -0.82 9.97	20.44 -0.72 8.42	20.63 -1.03 10.48	24.72 -1.22 7.47	19.92 -1.70 11.76	26.88 -2.69 13.40	33.48 -4.77 15.42	29.79 -4.15 15.98	34.14 -3.66 13.16	47.32 -3.20 0.00	47.71 -2.28 0.00	46.59 -2.82 0.00	35.73 -2.62 0.00	36.77 -2.22 0.00
NEG_PENN_ALLEGHNY 23528	12.42 0.09 0.00	2.34 0.03 0.00	6.30 0.08 0.00	15.45 0.16 0.00	27.18 0.10 0.00	26.73 0.04 0.00	30.88 0.00 0.00	38.09 0.06 0.00	31.99 0.09 0.00	31.69 0.21 0.00	30.51 0.25 0.00	29.84 0.25 0.00	32.37 0.24 0.00	33.57 0.15 0.00	33.52 0.13 0.00	43.01 0.04 0.00	53.42 -0.25 0.00	49.39 -0.25 0.29	50.47 -0.13 0.36	50.54 0.02 0.00	50.24 0.25 0.00	49.30 -0.11 0.00	38.07 -0.27 0.00	38.79 -0.20 0.00
NEG___GEN_MONROE 24207	12.02 -0.31 0.00	2.26 -0.05 0.00	6.04 -0.17 0.00	14.83 -0.46 0.00	26.08 -1.01 0.00	25.58 -0.96 0.13	29.89 -0.97 0.03	36.71 -1.18 0.15	31.00 -0.90 0.00	29.65 -0.61 1.23	27.84 -0.73 1.69	27.52 -0.64 1.42	29.46 -0.90 1.78	31.24 -0.90 1.27	30.04 -1.34 2.00	38.59 -2.11 2.27	47.43 -3.70 2.55	44.04 -3.55 2.33	45.34 -3.12 2.49	48.12 -2.40 0.00	48.38 -1.61 0.00	47.40 -2.02 0.00	36.36 -1.98 0.00	37.23 -1.76 0.00
NEPA___ENERGY 23901	12.00 -0.33 0.00	2.27 -0.04 0.00	6.09 -0.13 0.00	14.92 -0.37 0.00	26.00 -1.09 0.00	24.67 -1.15 0.87	29.30 -1.41 0.18	35.43 -1.52 1.08	30.79 -1.11 0.00	22.73 -0.54 8.21	18.64 -0.39 11.22	19.79 -0.31 9.48	19.87 -0.47 11.80	24.20 -0.81 8.41	18.89 -1.26 13.24	25.82 -2.07 15.08	32.30 -4.05 17.33	28.62 -3.79 17.51	33.21 -3.30 14.44	47.85 -2.67 0.00	48.15 -1.84 0.00	46.84 -2.58 0.00	35.92 -2.42 0.00	36.98 -2.00 0.00

NEVERSINK___HYD 23608	13.15 0.82 0.00	2.48 0.17 0.00	6.69 0.48 0.00	16.41 1.12 0.00	28.92 1.83 0.00	28.55 1.87 0.00	33.01 2.12 0.00	40.67 2.63 0.00	34.05 2.15 0.00	33.42 1.96 0.02	32.19 1.93 0.00	31.57 1.99 0.00	34.45 2.31 0.00	35.76 2.35 0.00	35.84 2.45 0.00	46.19 3.22 0.00	57.53 3.85 0.00	53.66 3.78 0.05	54.77 3.81 0.00	54.44 3.92 0.00	53.99 4.00 0.00	52.92 3.50 0.00	40.92 2.57 0.00	41.50 2.51 0.00
NEWKRMKL_115KV_TB1 55635	12.66 0.34 0.00	2.38 0.07 0.00	6.42 0.21 0.00	15.75 0.47 0.00	27.77 0.69 0.00	27.34 0.66 0.00	31.60 0.72 0.00	38.89 0.85 0.00	32.44 0.54 0.00	31.86 0.38 0.00	30.62 0.36 0.00	29.93 0.35 0.00	32.59 0.45 0.00	33.90 0.48 0.00	33.99 0.61 0.00	43.85 0.87 0.00	54.84 1.17 0.00	51.11 1.23 0.03	52.11 1.16 0.00	51.36 0.84 0.00	50.89 0.90 0.00	50.18 0.77 0.00	38.92 0.58 0.00	39.53 0.54 0.00
NEWTON___FALLS_HYD 23847	11.84 -0.49 0.00	2.18 -0.13 0.00	5.85 -0.36 0.00	14.52 -0.76 0.00	25.80 -1.28 0.00	25.55 -1.13 0.00	29.93 -0.96 0.00	37.00 -1.03 0.00	31.09 -0.81 0.00	30.82 -0.66 0.00	29.53 -0.72 0.00	28.76 -0.83 0.00	31.15 -0.99 0.00	32.42 -0.99 0.00	32.37 -1.02 0.00	41.85 -1.13 0.00	52.30 -1.38 0.00	48.59 -1.33 0.00	49.82 -1.13 0.00	49.44 -1.08 0.00	48.81 -1.18 0.00	48.25 -1.16 0.00	37.43 -0.91 0.00	38.03 -0.96 0.00
NGRID_A1_DSASP 323792	11.47 -0.86 0.00	2.17 -0.14 0.00	5.78 -0.43 0.00	14.19 -1.10 0.00	24.84 -2.25 0.00	23.66 -2.26 0.76	28.06 -2.67 0.16	33.55 -3.55 0.94	29.20 -2.70 0.00	22.40 -1.95 7.13	18.73 -1.77 9.76	19.75 -1.59 8.24	19.86 -2.02 10.26	23.87 -2.23 7.31	19.08 -2.80 11.51	25.72 -4.14 13.12	32.05 -6.58 15.05	27.59 -6.55 15.78	31.97 -6.34 12.64	44.85 -5.67 0.00	45.38 -4.61 0.00	44.34 -5.07 0.00	34.01 -4.33 0.00	35.12 -3.87 0.00
NGRID_A2_DSASP 323793	11.47 -0.86 0.00	2.17 -0.14 0.00	5.78 -0.43 0.00	14.19 -1.10 0.00	24.84 -2.25 0.00	23.66 -2.26 0.76	28.06 -2.67 0.16	33.55 -3.55 0.94	29.20 -2.70 0.00	22.40 -1.95 7.13	18.73 -1.77 9.76	19.75 -1.59 8.24	19.86 -2.02 10.26	23.87 -2.23 7.31	19.08 -2.80 11.51	25.72 -4.14 13.12	32.05 -6.58 15.05	27.59 -6.55 15.78	31.97 -6.34 12.64	44.85 -5.67 0.00	45.38 -4.61 0.00	44.34 -5.07 0.00	34.01 -4.33 0.00	35.12 -3.87 0.00
NGRID_A4_DSASP 323807	11.47 -0.86 0.00	2.17 -0.14 0.00	5.78 -0.43 0.00	14.19 -1.10 0.00	24.84 -2.25 0.00	23.66 -2.26 0.76	28.06 -2.67 0.16	33.55 -3.55 0.94	29.20 -2.70 0.00	22.40 -1.95 7.13	18.73 -1.77 9.76	19.75 -1.59 8.24	19.86 -2.02 10.26	23.87 -2.23 7.31	19.08 -2.80 11.51	25.72 -4.14 13.12	32.05 -6.58 15.05	27.59 -6.55 15.78	31.97 -6.34 12.64	44.85 -5.67 0.00	45.38 -4.61 0.00	44.34 -5.07 0.00	34.01 -4.33 0.00	35.12 -3.87 0.00
NIAGARA_115E_LBMP 323715	11.43 -0.90 0.00	2.14 -0.17 0.00	5.71 -0.50 0.00	14.03 -1.26 0.00	24.59 -2.49 0.00	23.59 -2.33 0.76	27.90 -2.83 0.16	33.51 -3.59 0.94	29.09 -2.81 0.00	22.59 -1.78 7.11	18.86 -1.67 9.72	19.84 -1.53 8.21	19.95 -1.97 10.22	23.94 -2.19 7.29	19.17 -2.74 11.47	25.85 -4.05 13.07	32.03 -6.66 14.99	28.00 -6.39 15.53	32.39 -5.98 12.58	44.70 -5.82 0.00	45.27 -4.72 0.00	44.22 -5.20 0.00	33.99 -4.35 0.00	35.13 -3.85 0.00
NIAGARA_115W_LBMP 323714	11.44 -0.89 0.00	2.16 -0.15 0.00	5.76 -0.45 0.00	14.16 -1.13 0.00	24.78 -2.30 0.00	23.61 -2.31 0.76	27.99 -2.74 0.15	33.44 -3.66 0.93	29.11 -2.79 0.00	22.37 -2.04 7.07	18.73 -1.85 9.68	19.76 -1.65 8.17	19.88 -2.09 10.18	23.85 -2.31 7.25	19.10 -2.86 11.42	25.74 -4.22 13.01	32.07 -6.69 14.92	27.56 -6.67 15.69	31.92 -6.49 12.54	44.70 -5.82 0.00	45.22 -4.77 0.00	44.20 -5.21 0.00	33.90 -4.44 0.00	35.01 -3.98 0.00
NIAGARA_230_LBMP 323716	11.53 -0.79 0.00	2.17 -0.14 0.00	5.79 -0.42 0.00	14.23 -1.06 0.00	24.91 -2.17 0.00	23.78 -2.18 0.72	28.21 -2.53 0.15	33.89 -3.26 0.88	29.44 -2.46 0.00	22.99 -1.74 6.74	19.37 -1.66 9.22	20.27 -1.52 7.79	20.51 -1.93 9.70	24.38 -2.12 6.91	19.81 -2.70 10.88	26.58 -4.00 12.40	33.09 -6.36 14.22	28.58 -6.21 15.13	33.09 -5.90 11.97	45.25 -5.27 0.00	45.73 -4.26 0.00	44.72 -4.69 0.00	34.28 -4.06 0.00	35.38 -3.60 0.00
NIAGARA___115KV_198_GIBSON 55903	11.44 -0.89 0.00	2.16 -0.15 0.00	5.77 -0.45 0.00	14.15 -1.13 0.00	24.78 -2.30 0.00	23.60 -2.32 0.76	27.99 -2.74 0.15	33.43 -3.67 0.93	29.11 -2.79 0.00	22.33 -2.07 7.07	18.70 -1.88 9.68	19.74 -1.67 8.17	19.84 -2.12 10.18	23.82 -2.34 7.25	19.06 -2.90 11.42	25.69 -4.27 13.01	31.92 -6.83 14.92	27.49 -6.75 15.69	31.89 -6.53 12.54	44.68 -5.84 0.00	45.22 -4.77 0.00	44.19 -5.22 0.00	33.92 -4.43 0.00	35.01 -3.98 0.00
NIAGARA___ 23760	11.53 -0.79 0.00	2.17 -0.14 0.00	5.79 -0.42 0.00	14.23 -1.06 0.00	24.91 -2.17 0.00	23.77 -2.18 0.73	28.21 -2.53 0.15	33.87 -3.26 0.90	29.44 -2.46 0.00	22.90 -1.74 6.83	19.27 -1.66 9.33	20.19 -1.52 7.88	20.40 -1.93 9.80	24.30 -2.12 6.99	19.69 -2.70 11.00	26.44 -4.00 12.53	32.95 -6.36 14.36	28.50 -6.21 15.21	32.93 -5.90 12.13	45.25 -5.27 0.00	45.73 -4.26 0.00	44.72 -4.69 0.00	34.28 -4.06 0.00	35.38 -3.60 0.00
NINE_MILE_1 23575	11.97 -0.36 0.00	2.25 -0.06 0.00	6.04 -0.18 0.00	14.82 -0.46 0.00	26.19 -0.89 0.00	25.80 -0.88 0.00	29.86 -1.02 0.00	36.73 -1.31 0.00	30.83 -1.07 0.00	30.47 -1.01 0.00	29.29 -0.97 0.00	28.62 -0.96 0.00	31.06 -1.08 0.00	32.28 -1.13 0.00	32.21 -1.18 0.00	41.39 -1.58 0.00	51.57 -2.10 0.00	47.99 -1.97 -0.04	49.03 -1.92 0.00	48.71 -1.81 0.00	48.32 -1.67 0.00	47.61 -1.80 0.00	36.85 -1.49 0.00	37.49 -1.50 0.00
NINE_MILE_2 23744	11.97 -0.36 0.00	2.25 -0.06 0.00	6.04 -0.18 0.00	14.82 -0.46 0.00	26.19 -0.89 0.00	25.80 -0.88 0.00	29.87 -1.02 0.00	36.73 -1.30 0.00	30.83 -1.07 0.00	30.47 -1.01 0.00	29.29 -0.97 0.00	28.63 -0.95 0.00	31.07 -1.07 0.00	32.28 -1.13 0.00	32.21 -1.18 0.00	41.40 -1.57 0.00	51.58 -2.10 0.00	48.00 -1.96 -0.04	49.03 -1.92 0.00	48.72 -1.79 0.00	48.32 -1.67 0.00	47.61 -1.80 0.00	36.85 -1.49 0.00	37.49 -1.49 0.00
NM_CAPITAL___DRP 24208	12.70 0.37 0.00	2.39 0.08 0.00	6.44 0.23 0.00	15.80 0.51 0.00	27.85 0.77 0.00	27.42 0.74 0.00	31.69 0.80 0.00	39.00 0.96 0.00	32.53 0.63 0.00	31.95 0.47 0.00	30.68 0.42 0.00	29.97 0.39 0.00	32.61 0.48 0.00	33.87 0.45 0.00	33.99 0.61 0.00	43.88 0.91 0.00	55.01 1.33 0.00	51.19 1.31 0.03	52.09 1.14 0.00	51.43 0.90 0.00	50.99 1.00 0.00	50.30 0.89 0.00	39.03 0.69 0.00	39.62 0.64 0.00
NM_CENTRAL___DRP 24181	12.20 -0.12 0.00	2.29 -0.02 0.00	6.16 -0.06 0.00	15.12 -0.17 0.00	26.67 -0.41 0.00	26.28 -0.40 0.00	30.44 -0.45 0.00	37.48 -0.55 0.00	31.49 -0.41 0.00	31.14 -0.34 0.00	29.94 -0.31 0.00	29.28 -0.30 0.00	31.77 -0.37 0.00	32.99 -0.43 0.00	32.90 -0.48 0.00	42.28 -0.70 0.00	52.61 -1.06 0.00	48.93 -0.99 0.00	50.04 -0.91 0.00	49.74 -0.78 0.00	49.37 -0.62 0.00	48.57 -0.84 0.00	37.54 -0.81 0.00	38.18 -0.81 0.00

NM_FRONTIER___DRP 24179	11.44 -0.89 0.00	2.16 -0.15 0.00	5.77 -0.45 0.00	14.15 -1.13 0.00	24.78 -2.30 0.00	23.60 -2.32 0.76	27.99 -2.74 0.15	33.43 -3.67 0.93	29.11 -2.79 0.00	22.33 -2.07 7.07	18.70 -1.88 9.68	19.74 -1.67 8.17	19.84 -2.12 10.18	23.82 -2.34 7.25	19.06 -2.90 11.42	25.69 -4.27 13.01	31.92 -6.83 14.92	27.49 -6.75 15.69	31.89 -6.53 12.54	44.68 -5.84 0.00	45.22 -4.77 0.00	44.19 -5.22 0.00	33.92 -4.43 0.00	35.01 -3.98 0.00
NM_ST_REGIS___HYD 24053	11.85 -0.48 0.00	2.19 -0.12 0.00	5.89 -0.32 0.00	14.63 -0.66 0.00	26.15 -0.94 0.00	25.86 -0.82 0.00	30.17 -0.71 0.00	37.25 -0.79 0.00	31.25 -0.65 0.00	30.99 -0.49 0.00	29.69 -0.56 0.00	28.96 -0.62 0.00	31.39 -0.75 0.00	32.66 -0.76 0.00	32.56 -0.83 0.00	41.92 -1.05 0.00	52.67 -1.01 0.00	48.88 -1.04 0.00	50.04 -0.92 0.00	49.77 -0.75 0.00	49.06 -0.93 0.00	48.67 -0.74 0.00	37.84 -0.51 0.00	38.56 -0.43 0.00
NORTHPORT___1 23551	65.73 0.94 -52.46	53.57 0.19 -51.06	42.37 0.52 -35.63	29.81 1.17 -13.35	30.45 1.87 -1.50	28.42 1.74 0.00	32.68 1.79 0.00	42.23 2.09 -2.10	52.83 1.91 -19.02	58.49 1.74 -25.27	38.91 1.98 -6.67	38.50 1.99 -6.93	35.73 2.26 -1.33	41.13 2.24 -5.47	45.29 2.50 -9.41	100.25 3.44 -53.83	101.41 3.97 -43.77	147.98 3.95 -94.10	181.31 3.99 -126.36	155.61 4.07 -101.03	69.91 4.52 -15.41	54.12 4.16 -0.54	60.11 3.19 -18.58	41.94 2.95 0.00
NORTHPORT___2 23552	65.73 0.94 -52.46	53.57 0.19 -51.06	42.37 0.52 -35.63	29.81 1.17 -13.35	30.45 1.87 -1.50	28.42 1.74 0.00	32.68 1.79 0.00	42.23 2.09 -2.10	52.83 1.91 -19.02	58.49 1.74 -25.27	38.91 1.98 -6.67	38.50 1.99 -6.93	35.73 2.26 -1.33	41.13 2.24 -5.47	45.29 2.50 -9.41	100.25 3.44 -53.83	101.41 3.97 -43.77	147.98 3.95 -94.10	181.31 3.99 -126.36	155.61 4.07 -101.03	69.91 4.52 -15.41	54.12 4.16 -0.54	60.11 3.19 -18.58	41.94 2.95 0.00
NORTHPORT___3 23553	65.48 0.86 -52.29	53.48 0.18 -50.99	42.28 0.49 -35.58	29.71 1.09 -13.33	30.32 1.74 -1.50	28.32 1.64 0.00	32.62 1.73 0.00	42.14 2.01 -2.09	52.59 1.81 -18.88	58.12 1.64 -25.00	38.57 1.78 -6.52	38.33 1.83 -6.92	35.59 2.13 -1.33	41.01 2.13 -5.46	45.10 2.33 -9.39	99.85 3.19 -53.69	100.91 3.76 -43.48	147.64 3.75 -93.96	180.85 3.72 -126.18	155.23 3.82 -100.89	69.37 4.22 -15.16	53.75 3.87 -0.47	59.77 2.96 -18.47	41.73 2.74 0.00
NORTHPORT___4 23650	65.48 0.86 -52.29	53.48 0.18 -50.99	42.28 0.49 -35.58	29.71 1.09 -13.33	30.32 1.74 -1.50	28.32 1.64 0.00	32.62 1.73 0.00	42.14 2.01 -2.09	52.59 1.81 -18.88	58.12 1.64 -25.00	38.57 1.78 -6.52	38.33 1.83 -6.92	35.59 2.13 -1.33	41.01 2.13 -5.46	45.10 2.33 -9.39	99.85 3.19 -53.69	100.91 3.76 -43.48	147.64 3.75 -93.96	180.85 3.72 -126.18	155.23 3.82 -100.89	69.37 4.22 -15.16	53.75 3.87 -0.47	59.77 2.96 -18.47	41.73 2.74 0.00
NORTHPORT___IC 23718	65.72 0.93 -52.46	53.57 0.19 -51.06	42.37 0.52 -35.63	29.81 1.18 -13.35	30.45 1.87 -1.50	28.42 1.74 0.00	32.68 1.79 0.00	42.23 2.09 -2.10	52.84 1.93 -19.02	58.50 1.75 -25.27	38.89 1.96 -6.67	38.51 2.00 -6.93	35.73 2.27 -1.33	41.14 2.25 -5.47	45.29 2.50 -9.41	100.25 3.44 -53.83	101.44 4.00 -43.77	147.97 3.96 -94.10	181.31 3.99 -126.36	155.62 4.08 -101.03	69.91 4.52 -15.41	54.12 4.16 -0.54	60.11 3.19 -18.58	41.93 2.95 0.00
NORTH___COUNTRY_ESR 323785	12.06 -0.27 0.00	2.23 -0.08 0.00	6.01 -0.20 0.00	14.96 -0.33 0.00	26.75 -0.33 0.00	26.42 -0.26 0.00	30.69 -0.20 0.00	37.94 -0.09 0.00	31.78 -0.12 0.00	31.41 -0.07 0.00	30.18 -0.08 0.00	29.51 -0.07 0.00	32.09 -0.05 0.00	33.39 -0.03 0.00	33.26 -0.12 0.00	42.72 -0.25 0.00	53.54 -0.14 0.00	49.58 -0.34 0.00	50.63 -0.32 0.00	50.30 -0.22 0.00	49.54 -0.45 0.00	49.31 -0.10 0.00	38.34 0.00 0.00	39.14 0.14 0.00
NPX_GEN_1385_PROXY 323591	65.70 0.90 -52.46	53.56 0.19 -51.06	42.36 0.52 -35.63	29.78 1.14 -13.35	30.41 1.83 -1.50	28.33 1.65 0.00	32.63 1.74 0.00	42.16 2.02 -2.10	52.73 1.80 -19.02	36.43 1.62 -3.33	-0.66 1.86 32.78	38.40 1.89 -6.93	5.20 2.16 29.09	41.02 2.13 -5.47	16.06 2.37 19.69	100.09 3.28 -53.83	23.29 3.78 34.16	4.21 3.78 49.49	-62.77 3.82 117.54	-48.91 3.89 103.33	-86.44 4.34 140.77	53.96 4.00 -0.54	60.14 3.22 -18.58	41.80 2.82 0.00
NPX_GEN_CSC 323557	66.69 1.04 -53.32	54.40 0.21 -51.89	42.99 0.57 -36.21	30.14 1.30 -13.56	30.74 2.13 -1.52	28.67 1.99 0.00	33.07 2.18 0.00	42.63 2.45 -2.14	53.58 2.34 -19.34	59.24 2.06 -25.70	39.45 2.41 -6.79	38.83 2.21 -7.04	35.84 2.36 -1.35	41.31 2.34 -5.56	45.48 2.53 -9.56	101.08 3.40 -54.71	102.24 4.07 -44.49	149.66 4.12 -95.62	183.51 4.16 -128.40	157.46 4.29 -102.65	70.92 4.97 -15.95	54.62 4.58 -0.63	60.79 3.42 -19.03	42.19 3.20 0.00
NSINS_S_GLNS_FALLS 23858	13.01 0.69 0.00	2.45 0.14 0.00	6.59 0.38 0.00	16.18 0.89 0.00	28.49 1.41 0.00	28.12 1.44 0.00	32.70 1.81 0.00	40.25 2.22 0.00	33.40 1.51 0.00	32.87 1.39 0.00	31.64 1.39 0.00	30.77 1.19 0.00	33.43 1.29 0.00	34.70 1.28 0.00	34.89 1.51 0.00	44.72 1.75 0.00	56.29 2.61 0.00	52.36 2.47 0.03	53.46 2.51 0.00	53.23 2.71 0.00	52.61 2.62 0.00	52.10 2.69 0.00	40.28 1.94 0.00	40.68 1.69 0.00
NUCOR_STEEL___DRP 24197	12.29 -0.04 0.00	2.31 0.00 0.00	6.19 -0.03 0.00	15.19 -0.10 0.00	26.88 -0.20 0.00	26.51 -0.17 0.00	30.77 -0.11 0.00	37.84 -0.19 0.00	31.79 -0.11 0.00	31.40 -0.08 0.00	30.18 -0.08 0.00	29.37 -0.21 0.00	31.81 -0.33 0.00	33.06 -0.36 0.00	32.90 -0.48 0.00	42.23 -0.74 0.00	52.79 -0.88 0.00	49.20 -0.72 0.00	50.73 -0.53 -0.30	50.21 -0.31 0.00	49.68 -0.31 0.00	49.01 -0.41 0.00	37.83 -0.51 0.00	38.49 -0.50 0.00
NUMBER_THREE_WT_PWR 323818	12.11 -0.22 0.00	2.21 -0.10 0.00	5.95 -0.27 0.00	14.77 -0.51 0.00	26.10 -0.98 0.00	25.88 -0.80 0.00	30.37 -0.52 0.00	37.64 -0.40 0.00	31.68 -0.22 0.00	31.42 -0.06 0.00	30.14 -0.12 0.00	29.29 -0.29 0.00	31.76 -0.38 0.00	33.10 -0.32 0.00	33.06 -0.33 0.00	42.83 -0.14 0.00	53.54 -0.14 0.00	49.78 -0.14 0.00	51.10 0.14 0.00	50.58 0.06 0.00	49.97 -0.02 0.00	49.31 -0.10 0.00	38.18 -0.17 0.00	38.71 -0.28 0.00
NYISO_LBMP_REFERENCE 24008	12.33 0.00 0.00	2.31 0.00 0.00	6.21 0.00 0.00	15.29 0.00 0.00	27.08 0.00 0.00	26.68 0.00 0.00	30.89 0.00 0.00	38.03 0.00 0.00	31.90 0.00 0.00	31.48 0.00 0.00	30.26 0.00 0.00	29.58 0.00 0.00	32.14 0.00 0.00	33.42 0.00 0.00	33.38 0.00 0.00	42.97 0.00 0.00	53.68 0.00 0.00	49.92 0.00 0.00	50.95 0.00 0.00	50.52 0.00 0.00	49.99 0.00 0.00	49.41 0.00 0.00	38.34 0.00 0.00	38.99 0.00 0.00
NYPA_BRENTWD____GT 24164	67.68 1.07 -54.29	55.25 0.21 -52.73	43.58 0.57 -36.79	30.37 1.30 -13.78	30.73 2.11 -1.55	28.68 1.99 0.00	33.03 2.14 0.00	42.77 2.55 -2.18	53.90 2.32 -19.67	60.01 2.16 -26.37	39.66 2.35 -7.05	38.94 2.21 -7.15	35.96 2.45 -1.37	41.53 2.46 -5.65	45.78 2.69 -9.71	102.29 3.65 -55.67	103.21 4.06 -45.47	151.08 4.03 -97.13	185.30 4.13 -130.22	159.03 4.21 -104.30	71.18 4.68 -16.51	54.68 4.55 -0.72	61.33 3.49 -19.49	42.24 3.25 0.00

NYPA_GOWANUS____GT5 24156	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NYPA_GOWANUS____GT6 24157	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.74 1.66 0.00	28.40 1.72 0.00	32.77 1.88 -0.01	40.79 2.33 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.34 2.08 0.00	31.87 2.22 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.27 2.64 -1.25	46.72 3.43 -0.32	57.36 3.68 0.00	53.43 3.55 0.04	54.42 3.46 0.00	53.91 3.39 0.00	53.54 3.54 0.00	52.56 3.15 0.00	48.51 2.45 -7.72	41.32 2.33 0.00
NYPA_HARLEM__RVR__GT1 24160	13.80 0.91 -0.56	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.66 1.58 0.00	28.27 1.59 0.00	32.64 1.75 0.00	40.53 2.43 -0.06	34.62 2.06 -0.65	34.68 1.81 -1.39	32.95 1.91 -0.78	31.60 2.02 0.00	34.28 2.14 0.00	35.71 2.29 0.00	35.74 2.35 0.00	46.50 3.13 -0.40	58.49 3.55 -1.27	53.19 3.31 0.04	54.17 3.22 0.00	53.69 3.17 0.00	53.29 3.30 0.00	52.36 2.94 0.00	40.65 2.31 0.00	41.14 2.15 0.00
NYPA_HARLEM__RVR__GT2 24161	13.80 0.91 -0.56	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.66 1.58 0.00	28.27 1.59 0.00	32.64 1.75 0.00	40.53 2.43 -0.06	34.62 2.06 -0.65	34.68 1.81 -1.39	32.95 1.91 -0.78	31.60 2.02 0.00	34.28 2.14 0.00	35.71 2.29 0.00	35.74 2.35 0.00	46.50 3.13 -0.40	58.49 3.55 -1.27	53.19 3.31 0.04	54.17 3.22 0.00	53.69 3.17 0.00	53.29 3.30 0.00	52.36 2.94 0.00	40.65 2.31 0.00	41.14 2.15 0.00
NYPA_KENT____GT 24152	13.19 0.87 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.73 1.65 0.00	28.38 1.70 0.00	32.76 1.87 0.00	40.60 2.31 -0.26	34.05 2.15 0.00	33.54 1.99 -0.07	32.35 2.10 0.00	31.89 2.23 -0.08	34.59 2.45 0.00	35.96 2.54 0.00	36.78 2.64 -0.76	46.60 3.43 0.00	57.43 3.75 0.00	53.43 3.55 0.04	54.38 3.43 0.00	53.88 3.35 0.00	53.51 3.52 0.00	52.55 3.13 0.00	45.44 2.43 -4.68	41.29 2.30 0.00
NYPA_POUCH1____GT 24155	13.16 0.83 0.00	2.47 0.16 0.00	6.65 0.43 0.00	16.26 0.97 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.74 1.85 -0.01	40.69 2.23 -0.42	33.94 2.04 0.00	33.42 1.87 -0.07	32.22 1.96 0.00	31.75 2.09 -0.07	34.46 2.32 0.00	35.82 2.41 0.00	37.15 2.52 -1.25	46.55 3.26 -0.32	57.09 3.41 0.00	53.29 3.42 0.04	54.30 3.35 0.00	53.77 3.25 0.00	53.42 3.43 0.00	52.46 3.05 0.00	48.45 2.38 -7.72	41.26 2.27 0.00
NYPA_VERNON____GT2 24162	13.19 0.87 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.29 1.01 0.00	28.73 1.65 0.00	28.36 1.68 0.00	32.75 1.86 0.00	40.43 2.31 -0.09	34.05 2.15 0.00	33.55 2.00 -0.07	32.36 2.10 0.00	31.91 2.23 -0.09	34.60 2.46 0.00	35.97 2.55 0.00	36.28 2.63 -0.27	46.47 3.43 -0.07	57.47 3.80 0.00	53.44 3.57 0.04	54.40 3.45 0.00	53.91 3.39 0.00	53.51 3.52 0.00	52.52 3.11 0.00	42.38 2.41 -1.63	41.27 2.29 0.00
NYPA_VERNON____GT3 24163	13.19 0.87 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.29 1.01 0.00	28.73 1.65 0.00	28.36 1.68 0.00	32.75 1.86 0.00	40.43 2.31 -0.09	34.05 2.15 0.00	33.55 2.00 -0.07	32.36 2.10 0.00	31.91 2.23 -0.09	34.60 2.46 0.00	35.97 2.55 0.00	36.28 2.63 -0.27	46.47 3.43 -0.07	57.47 3.80 0.00	53.44 3.57 0.04	54.40 3.45 0.00	53.91 3.39 0.00	53.51 3.52 0.00	52.52 3.11 0.00	42.38 2.41 -1.63	41.27 2.29 0.00
NYPA__ASTORIA_CC1 323568	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.28 0.99 0.00	28.69 1.61 0.00	28.33 1.65 0.00	32.69 1.80 0.00	40.26 2.23 0.00	34.00 2.10 0.00	33.50 1.95 -0.07	32.32 2.06 0.00	31.86 2.20 -0.07	34.55 2.41 0.00	35.91 2.49 0.00	35.96 2.57 0.00	46.33 3.36 0.00	57.37 3.69 0.00	53.34 3.47 0.04	54.30 3.34 0.00	53.81 3.29 0.00	53.41 3.42 0.00	52.43 3.01 0.00	40.68 2.34 0.00	41.20 2.21 0.00
NYPA__ASTORIA_CC2 323569	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.28 0.99 0.00	28.69 1.61 0.00	28.33 1.65 0.00	32.69 1.80 0.00	40.26 2.23 0.00	34.00 2.10 0.00	33.50 1.95 -0.07	32.32 2.06 0.00	31.86 2.20 -0.07	34.55 2.41 0.00	35.91 2.49 0.00	35.96 2.57 0.00	46.33 3.36 0.00	57.37 3.69 0.00	53.34 3.47 0.04	54.30 3.34 0.00	53.81 3.29 0.00	53.41 3.42 0.00	52.43 3.01 0.00	40.68 2.34 0.00	41.20 2.21 0.00
NYPA__HOLTSVILL 23794	66.56 1.00 -53.23	54.32 0.20 -51.81	42.91 0.55 -36.15	30.06 1.23 -13.54	30.59 1.99 -1.52	28.53 1.85 0.00	32.85 1.96 0.00	42.44 2.27 -2.13	53.30 2.10 -19.30	59.02 1.90 -25.64	39.19 2.16 -6.77	38.65 2.04 -7.03	35.74 2.25 -1.35	41.21 2.24 -5.55	45.38 2.45 -9.54	100.89 3.30 -54.62	101.96 3.87 -44.41	149.30 3.90 -95.48	183.11 3.95 -128.21	157.08 4.07 -102.50	70.46 4.57 -15.90	54.26 4.23 -0.62	60.53 3.21 -18.99	42.03 3.04 0.00
NYPA__HELLGATE_GT1 24158	13.80 0.91 -0.56	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.66 1.58 0.00	28.27 1.59 0.00	32.64 1.75 0.00	40.53 2.43 -0.06	34.62 2.06 -0.65	34.68 1.81 -1.39	32.95 1.91 -0.78	31.60 2.02 0.00	34.28 2.14 0.00	35.71 2.29 0.00	35.74 2.35 0.00	46.50 3.13 -0.40	58.51 3.56 -1.27	53.20 3.32 0.04	54.17 3.22 0.00	53.69 3.17 0.00	53.30 3.31 0.00	52.37 2.96 0.00	40.65 2.31 0.00	41.14 2.15 0.00
NYPA__HELLGATE_GT2 24159	13.80 0.91 -0.56	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.66 1.58 0.00	28.27 1.59 0.00	32.64 1.75 0.00	40.53 2.43 -0.06	34.62 2.06 -0.65	34.68 1.81 -1.39	32.95 1.91 -0.78	31.60 2.02 0.00	34.28 2.14 0.00	35.71 2.29 0.00	35.74 2.35 0.00	46.50 3.13 -0.40	58.51 3.56 -1.27	53.20 3.32 0.04	54.17 3.22 0.00	53.69 3.17 0.00	53.30 3.31 0.00	52.37 2.96 0.00	40.65 2.31 0.00	41.14 2.15 0.00
NYS_BARGE__HYD 23848	11.61 -0.72 0.00	2.18 -0.13 0.00	5.81 -0.40 0.00	14.26 -1.03 0.00	24.98 -2.10 0.00	23.99 -1.99 0.71	28.36 -2.38 0.15	34.14 -3.02 0.88	29.60 -2.30 0.00	23.39 -1.46 6.63	19.82 -1.37 9.07	20.68 -1.24 7.66	20.95 -1.65 9.53	24.77 -1.85 6.79	20.28 -2.41 10.70	27.16 -3.63 12.19	33.63 -6.08 13.97	29.73 -5.84 14.35	33.82 -5.37 11.76	45.54 -4.98 0.00	46.12 -3.87 0.00	45.04 -4.37 0.00	34.57 -3.77 0.00	35.68 -3.31 0.00
OAK ORCHARD__HYD 24046	11.97 -0.35 0.00	2.25 -0.06 0.00	6.02 -0.19 0.00	14.79 -0.50 0.00	26.01 -1.07 0.00	25.62 -1.06 0.00	29.75 -1.13 0.00	36.62 -1.42 0.00	30.87 -1.03 0.00	30.75 -0.73 0.00	29.50 -0.76 0.00	28.93 -0.65 0.00	31.24 -0.90 0.00	32.45 -0.97 0.00	32.04 -1.34 0.00	40.92 -2.05 0.00	50.25 -3.43 0.00	46.67 -3.36 -0.10	47.42 -3.07 0.46	48.02 -2.51 0.00	48.13 -1.86 0.00	47.20 -2.21 0.00	36.23 -2.11 0.00	37.07 -1.92 0.00

OAKDALE___35_KV_LOAD 356122	12.40 0.07 0.00	2.33 0.02 0.00	6.28 0.07 0.00	15.41 0.12 0.00	27.11 0.03 0.00	26.67 -0.01 0.00	30.79 -0.09 0.00	37.99 -0.04 0.00	31.92 0.02 0.00	31.63 0.15 0.00	30.44 0.18 0.00	29.78 0.19 0.00	32.33 0.19 0.00	33.52 0.11 0.00	33.47 0.08 0.00	42.97 0.00 0.00	53.36 -0.31 0.00	49.30 -0.32 0.30	50.34 -0.21 0.40	50.46 -0.07 0.00	50.12 0.13 0.00	49.20 -0.21 0.00	38.01 -0.33 0.00	38.72 -0.27 0.00
OCC_CHEM___DRP 24175	11.47 -0.86 0.00	2.17 -0.14 0.00	5.78 -0.44 0.00	14.18 -1.10 0.00	24.84 -2.25 0.00	23.65 -2.26 0.76	28.07 -2.67 0.16	33.53 -3.57 0.94	29.20 -2.70 0.00	22.37 -1.98 7.13	18.68 -1.81 9.76	19.74 -1.61 8.24	19.83 -2.05 10.26	23.84 -2.27 7.31	19.04 -2.83 11.51	25.66 -4.19 13.12	31.89 -6.74 15.05	27.51 -6.63 15.78	31.93 -6.38 12.64	44.83 -5.68 0.00	45.38 -4.61 0.00	44.34 -5.08 0.00	34.03 -4.32 0.00	35.12 -3.87 0.00
OH_GEN_PROXY 24063	11.56 -0.77 0.00	2.18 -0.13 0.00	5.81 -0.40 0.00	14.27 -1.02 0.00	24.98 -2.10 0.00	23.91 -2.11 0.66	28.30 -2.45 0.14	34.10 -3.13 0.81	29.54 -2.36 0.00	23.66 -1.66 6.16	20.25 -1.59 8.43	21.01 -1.45 7.12	21.43 -1.84 8.86	25.06 -2.04 6.31	20.84 -2.60 9.94	27.77 -3.87 11.33	34.49 -6.19 13.00	29.86 -6.03 14.03	34.25 -5.71 10.99	45.43 -5.10 0.00	45.90 -4.09 0.00	44.88 -4.54 0.00	34.39 -3.96 0.00	35.47 -3.52 0.00
OLIN_CORP_DRP 24177	11.46 -0.87 0.00	2.15 -0.16 0.00	5.73 -0.48 0.00	14.07 -1.22 0.00	24.65 -2.43 0.00	23.61 -2.30 0.77	27.98 -2.75 0.16	33.57 -3.52 0.95	29.16 -2.74 0.00	22.46 -1.78 7.23	18.67 -1.69 9.90	19.70 -1.53 8.36	19.76 -1.98 10.41	23.82 -2.18 7.42	18.96 -2.75 11.68	25.59 -4.08 13.30	31.84 -6.58 15.26	27.71 -6.39 15.81	32.13 -6.01 12.81	44.81 -5.71 0.00	45.39 -4.60 0.00	44.33 -5.08 0.00	34.09 -4.26 0.00	35.21 -3.78 0.00
OLIN_CORP_DSASP 323712	11.47 -0.86 0.00	2.17 -0.14 0.00	5.78 -0.43 0.00	14.19 -1.10 0.00	24.84 -2.25 0.00	23.66 -2.26 0.76	28.06 -2.67 0.16	33.55 -3.55 0.94	29.20 -2.70 0.00	22.40 -1.95 7.13	18.73 -1.77 9.76	19.75 -1.59 8.24	19.86 -2.02 10.26	23.87 -2.23 7.31	19.08 -2.80 11.51	25.72 -4.14 13.12	32.05 -6.58 15.05	27.59 -6.55 15.78	31.97 -6.34 12.64	44.85 -5.67 0.00	45.38 -4.61 0.00	44.34 -5.07 0.00	34.01 -4.33 0.00	35.12 -3.87 0.00
ONEIDA_HERK_LFGE 323681	12.40 0.07 0.00	2.30 -0.01 0.00	6.19 -0.02 0.00	15.28 -0.01 0.00	26.99 -0.09 0.00	26.67 0.00 0.00	31.09 0.20 0.00	38.42 0.38 0.00	32.27 0.37 0.00	31.93 0.45 0.00	30.65 0.39 0.00	29.89 0.30 0.00	32.44 0.30 0.00	33.75 0.34 0.00	33.74 0.35 0.00	43.53 0.55 0.00	54.38 0.70 0.00	50.57 0.65 0.00	51.78 0.82 0.00	51.34 0.81 0.00	50.80 0.81 0.00	50.09 0.68 0.00	38.74 0.40 0.00	39.30 0.31 0.00
ONEIDA___115KV_TB4 55905	12.55 0.22 0.00	2.35 0.04 0.00	6.32 0.10 0.00	15.53 0.24 0.00	27.42 0.34 0.00	27.05 0.37 0.00	31.44 0.55 0.00	38.82 0.78 0.00	32.58 0.67 0.00	32.22 0.74 0.00	30.95 0.69 0.00	30.23 0.65 0.00	32.83 0.69 0.00	34.10 0.68 0.00	34.09 0.71 0.00	43.90 0.93 0.00	54.76 1.08 0.00	50.97 1.05 0.00	52.13 1.18 0.00	51.75 1.23 0.00	51.27 1.28 0.00	50.48 1.07 0.00	39.00 0.65 0.00	39.59 0.60 0.00
ONONDAGA_REF_OCCRA 23987	12.28 -0.04 0.00	2.30 0.00 0.00	6.20 -0.02 0.00	15.22 -0.07 0.00	26.84 -0.24 0.00	26.44 -0.24 0.00	30.64 -0.25 0.00	37.75 -0.28 0.00	31.70 -0.20 0.00	31.36 -0.12 0.00	30.15 -0.10 0.00	29.47 -0.11 0.00	31.99 -0.15 0.00	33.20 -0.21 0.00	33.12 -0.26 0.00	42.55 -0.42 0.00	52.94 -0.73 0.00	49.27 -0.65 0.00	50.63 -0.55 -0.22	50.14 -0.38 0.00	49.76 -0.23 0.00	48.93 -0.48 0.00	37.80 -0.54 0.00	38.45 -0.54 0.00
ONONDAGA___COGEN 23986	12.22 -0.10 0.00	2.29 -0.02 0.00	6.16 -0.05 0.00	15.13 -0.15 0.00	26.71 -0.37 0.00	26.32 -0.36 0.00	30.50 -0.38 0.00	37.55 -0.48 0.00	31.53 -0.37 0.00	31.14 -0.34 0.00	29.97 -0.29 0.00	29.27 -0.32 0.00	31.74 -0.40 0.00	32.98 -0.44 0.00	32.89 -0.50 0.00	42.25 -0.72 0.00	52.63 -1.05 0.00	49.01 -0.91 0.00	50.14 -0.81 0.00	49.86 -0.66 0.00	49.44 -0.55 0.00	48.66 -0.75 0.00	37.60 -0.74 0.00	38.25 -0.74 0.00
ONTARIO___LFGE 23819	12.24 -0.09 0.00	2.30 -0.01 0.00	6.17 -0.04 0.00	15.14 -0.14 0.00	26.62 -0.46 0.00	26.64 -0.51 -0.47	30.52 -0.46 -0.10	38.20 -0.41 -0.58	31.61 -0.29 0.00	35.73 -0.17 -4.42	36.01 -0.21 -5.96	34.35 -0.29 -5.06	37.90 -0.49 -6.25	37.26 -0.61 -4.46	39.64 -0.74 -7.00	49.78 -1.20 -8.01	61.08 -2.19 -9.59	56.93 -1.95 -8.97	56.05 -1.57 -6.66	49.51 -1.01 0.00	49.48 -0.51 0.00	48.66 -0.75 0.00	37.41 -0.94 0.00	38.13 -0.86 0.00
ORANGEVILLE_WT_PWR 323706	11.82 -0.51 0.00	2.22 -0.09 0.00	5.94 -0.27 0.00	14.54 -0.75 0.00	25.30 -1.78 0.00	21.64 -1.94 3.10	28.13 -2.13 0.63	31.85 -2.40 3.78	30.03 -1.86 0.00	1.01 -1.62 28.85	-10.72 -1.52 39.46	-5.25 -1.50 33.33	-11.15 -1.80 41.48	1.76 -2.08 29.57	-15.46 -2.30 46.55	-13.37 -3.32 53.03	-12.79 -5.65 60.82	-13.80 -5.26 58.46	-3.50 -4.88 49.57	46.91 -3.61 0.00	47.54 -2.45 0.00	46.37 -3.04 0.00	35.35 -2.99 0.00	36.49 -2.50 0.00
ORANGEVILLE___ESR 323794	11.82 -0.51 0.00	2.22 -0.09 0.00	5.94 -0.27 0.00	14.54 -0.75 0.00	25.30 -1.78 0.00	21.64 -1.94 3.10	28.13 -2.13 0.63	31.85 -2.40 3.78	30.03 -1.86 0.00	1.01 -1.62 28.85	-10.72 -1.52 39.46	-5.25 -1.50 33.33	-11.15 -1.80 41.48	1.76 -2.08 29.57	-15.46 -2.30 46.55	-13.37 -3.32 53.03	-12.79 -5.65 60.82	-13.80 -5.26 58.46	-3.50 -4.88 49.57	46.91 -3.61 0.00	47.54 -2.45 0.00	46.37 -3.04 0.00	35.35 -2.99 0.00	36.49 -2.50 0.00
OSWEGATCHIE___HYD 24044	11.84 -0.49 0.00	2.18 -0.13 0.00	5.85 -0.36 0.00	14.52 -0.76 0.00	25.80 -1.28 0.00	25.55 -1.13 0.00	29.93 -0.96 0.00	37.00 -1.04 0.00	31.09 -0.81 0.00	30.82 -0.66 0.00	29.53 -0.72 0.00	28.76 -0.83 0.00	31.15 -0.99 0.00	32.42 -0.99 0.00	32.37 -1.02 0.00	41.84 -1.13 0.00	52.30 -1.38 0.00	48.59 -1.33 0.00	49.82 -1.13 0.00	49.44 -1.08 0.00	48.81 -1.18 0.00	48.25 -1.16 0.00	37.43 -0.91 0.00	38.03 -0.96 0.00
OSWEGO___5 23606	12.03 -0.30 0.00	2.26 -0.05 0.00	6.07 -0.14 0.00	14.91 -0.38 0.00	26.34 -0.74 0.00	25.95 -0.72 0.00	30.05 -0.84 0.00	36.97 -1.07 0.00	31.03 -0.87 0.00	30.67 -0.82 0.00	29.48 -0.78 0.00	28.81 -0.78 0.00	31.25 -0.88 0.00	32.48 -0.93 0.00	32.40 -0.98 0.00	41.65 -1.32 0.00	51.89 -1.79 0.00	48.26 -1.67 0.00	49.35 -1.61 0.00	49.04 -1.48 0.00	48.62 -1.37 0.00	47.92 -1.49 0.00	37.08 -1.26 0.00	37.72 -1.27 0.00
OSWEGO___6 23613	12.03 -0.30 0.00	2.26 -0.05 0.00	6.07 -0.14 0.00	14.91 -0.38 0.00	26.34 -0.74 0.00	25.95 -0.72 0.00	30.05 -0.84 0.00	36.97 -1.07 0.00	31.03 -0.87 0.00	30.67 -0.82 0.00	29.48 -0.78 0.00	28.81 -0.78 0.00	31.25 -0.88 0.00	32.48 -0.93 0.00	32.40 -0.98 0.00	41.65 -1.32 0.00	51.89 -1.79 0.00	48.26 -1.67 0.00	49.35 -1.61 0.00	49.04 -1.48 0.00	48.62 -1.37 0.00	47.92 -1.49 0.00	37.08 -1.26 0.00	37.72 -1.27 0.00

OUTOKUMPU-AB___DRP 24206	11.70 -0.62 0.00	2.20 -0.11 0.00	5.88 -0.34 0.00	14.42 -0.86 0.00	25.22 -1.87 0.00	24.03 -1.84 0.81	28.58 -2.14 0.17	34.28 -2.76 1.00	29.85 -2.05 0.00	22.54 -1.33 7.61	18.65 -1.19 10.41	19.74 -1.05 8.80	19.73 -1.46 10.95	23.97 -1.64 7.80	18.89 -2.21 12.28	25.61 -3.37 13.99	31.87 -5.75 16.05	27.84 -5.54 16.54	32.36 -5.13 13.46	46.01 -4.51 0.00	46.57 -3.43 0.00	45.47 -3.94 0.00	34.87 -3.48 0.00	35.97 -3.02 0.00
OXBOW___BTM 323836	11.58 -0.74 0.00	2.18 -0.13 0.00	5.82 -0.39 0.00	14.29 -0.99 0.00	25.01 -2.08 0.00	23.83 -2.07 0.79	28.30 -2.42 0.16	33.90 -3.17 0.97	29.51 -2.38 0.00	22.47 -1.64 7.37	18.69 -1.48 10.09	19.73 -1.33 8.52	19.79 -1.74 10.61	23.92 -1.93 7.56	18.99 -2.49 11.90	25.68 -3.73 13.56	31.99 -6.13 15.56	27.72 -6.04 16.16	32.16 -5.73 13.06	45.42 -5.10 0.00	45.96 -4.03 0.00	44.91 -4.51 0.00	34.41 -3.93 0.00	35.53 -3.46 0.00
OXBOW___ 24026	11.58 -0.75 0.00	2.18 -0.13 0.00	5.82 -0.39 0.00	14.29 -1.00 0.00	25.01 -2.08 0.00	23.82 -2.07 0.79	28.31 -2.42 0.16	33.90 -3.17 0.97	29.51 -2.39 0.00	22.43 -1.67 7.37	18.65 -1.52 10.09	19.72 -1.34 8.52	19.75 -1.78 10.61	23.90 -1.96 7.56	18.95 -2.54 11.90	25.62 -3.80 13.56	31.85 -6.27 15.56	27.66 -6.10 16.16	32.13 -5.77 13.06	45.41 -5.11 0.00	45.96 -4.03 0.00	44.90 -4.52 0.00	34.43 -3.91 0.00	35.54 -3.45 0.00
OXY_CHEM_DSASP 323612	11.47 -0.86 0.00	2.17 -0.14 0.00	5.78 -0.44 0.00	14.18 -1.10 0.00	24.84 -2.25 0.00	23.65 -2.26 0.76	28.07 -2.67 0.16	33.53 -3.57 0.94	29.20 -2.70 0.00	22.37 -1.98 7.13	18.68 -1.81 9.76	19.74 -1.61 8.24	19.83 -2.05 10.26	23.84 -2.27 7.31	19.04 -2.83 11.51	25.66 -4.19 13.12	31.89 -6.74 15.05	27.51 -6.63 15.78	31.93 -6.38 12.64	44.83 -5.68 0.00	45.38 -4.61 0.00	44.34 -5.08 0.00	34.03 -4.32 0.00	35.12 -3.87 0.00
OZONE_PARK_ESR 323760	13.28 0.95 0.00	2.49 0.19 0.00	6.70 0.49 0.00	16.39 1.10 0.00	28.88 1.79 0.00	28.52 1.84 0.00	32.94 2.05 0.00	40.68 2.64 0.00	34.24 2.34 0.00	33.72 2.17 -0.07	32.51 2.26 0.00	31.94 2.36 0.00	34.76 2.63 0.00	36.15 2.73 0.00	36.18 2.79 0.00	46.64 3.66 0.00	57.92 4.25 0.00	53.85 3.98 0.04	54.84 3.89 0.00	54.37 3.85 0.00	53.99 3.99 0.00	52.93 3.52 0.00	41.04 2.70 0.00	41.57 2.58 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	11.47 -0.86 0.00	2.17 -0.14 0.00	5.78 -0.44 0.00	14.18 -1.10 0.00	24.84 -2.25 0.00	23.65 -2.26 0.76	28.07 -2.67 0.16	33.53 -3.57 0.94	29.20 -2.70 0.00	22.37 -1.98 7.13	18.68 -1.81 9.76	19.74 -1.61 8.24	19.83 -2.05 10.26	23.84 -2.27 7.31	19.04 -2.83 11.51	25.66 -4.19 13.12	31.89 -6.74 15.05	27.51 -6.63 15.78	31.93 -6.38 12.64	44.83 -5.68 0.00	45.38 -4.61 0.00	44.34 -5.08 0.00	34.03 -4.32 0.00	35.12 -3.87 0.00
PACKARD__115KV_DUPONT_184 80571	11.47 -0.86 0.00	2.17 -0.14 0.00	5.78 -0.44 0.00	14.18 -1.10 0.00	24.84 -2.25 0.00	23.65 -2.26 0.76	28.07 -2.67 0.16	33.53 -3.57 0.94	29.20 -2.70 0.00	22.37 -1.98 7.13	18.68 -1.81 9.76	19.74 -1.61 8.24	19.83 -2.05 10.26	23.84 -2.27 7.31	19.04 -2.83 11.51	25.66 -4.19 13.12	31.89 -6.74 15.05	27.51 -6.63 15.78	31.93 -6.38 12.64	44.83 -5.68 0.00	45.38 -4.61 0.00	44.34 -5.08 0.00	34.03 -4.32 0.00	35.12 -3.87 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	13.74 0.92 -0.48	2.48 0.17 0.00	6.66 0.45 0.00	16.28 0.99 0.00	28.63 1.55 0.00	28.24 1.56 0.00	32.65 1.77 0.00	40.53 2.49 0.00	34.05 2.15 0.00	33.43 1.89 -0.07	32.19 1.93 0.00	31.55 1.97 0.00	34.19 2.06 0.00	35.63 2.22 0.00	35.66 2.28 0.00	46.07 3.09 0.00	57.25 3.58 0.00	53.20 3.33 0.04	54.19 3.23 0.00	53.71 3.19 0.00	53.32 3.33 0.00	52.35 2.93 0.00	40.61 2.27 0.00	41.13 2.14 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	13.98 1.16 -0.48	2.54 0.23 0.00	6.82 0.60 0.00	16.67 1.38 0.00	29.35 2.27 0.00	28.95 2.27 0.00	33.51 2.62 0.00	41.53 3.50 0.00	34.87 2.97 0.00	34.21 2.66 -0.07	32.91 2.66 0.00	32.28 2.69 0.00	34.94 2.80 0.00	36.44 3.02 0.00	36.43 3.05 0.00	47.03 4.06 0.00	58.48 4.80 0.00	54.22 4.34 0.04	55.27 4.32 0.00	54.81 4.28 0.00	54.38 4.39 0.00	53.40 3.99 0.00	41.43 3.09 0.00	41.98 2.99 0.00
PATROON__115KV_TB1 80586	12.70 0.37 0.00	2.39 0.08 0.00	6.44 0.23 0.00	15.79 0.51 0.00	27.85 0.77 0.00	27.42 0.74 0.00	31.70 0.81 0.00	39.00 0.96 0.00	32.53 0.64 0.00	31.97 0.49 0.00	30.72 0.46 0.00	30.03 0.45 0.00	32.69 0.55 0.00	34.00 0.58 0.00	34.08 0.69 0.00	43.97 1.00 0.00	54.98 1.31 0.00	51.24 1.36 0.03	52.25 1.30 0.00	51.51 0.99 0.00	51.06 1.07 0.00	50.34 0.93 0.00	39.03 0.69 0.00	39.64 0.65 0.00
PATTRSNVILLE___SOLAR 323815	12.79 0.46 0.00	2.40 0.09 0.00	6.47 0.26 0.00	15.88 0.59 0.00	28.04 0.96 0.00	27.63 0.95 0.00	32.00 1.11 0.00	39.17 1.14 0.00	32.76 0.86 0.00	32.41 0.93 0.00	31.08 0.82 0.00	30.35 0.76 0.00	32.93 0.79 0.00	34.27 0.86 0.00	34.36 0.97 0.00	44.07 1.10 0.00	55.24 1.56 0.00	51.15 1.27 0.04	52.43 1.47 0.00	52.34 1.82 0.00	51.91 1.92 0.00	51.17 1.76 0.00	39.63 1.29 0.00	40.21 1.22 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	11.83 -0.50 0.00	2.23 -0.08 0.00	5.96 -0.26 0.00	14.61 -0.68 0.00	25.55 -1.53 0.00	24.31 -1.52 0.85	28.91 -1.80 0.17	34.82 -2.17 1.05	30.31 -1.59 0.00	22.66 -0.86 7.96	18.56 -0.81 10.88	19.67 -0.72 9.19	19.66 -1.04 11.44	24.04 -1.23 8.16	18.80 -1.74 12.84	25.63 -2.72 14.63	32.01 -4.86 16.81	28.29 -4.37 17.27	32.90 -3.85 14.20	47.19 -3.33 0.00	47.65 -2.34 0.00	46.50 -2.91 0.00	35.66 -2.69 0.00	36.70 -2.29 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	13.16 0.83 0.00	2.48 0.16 0.00	6.66 0.44 0.00	16.29 1.01 0.00	28.71 1.63 0.00	28.34 1.66 0.00	32.75 1.86 0.00	40.37 2.33 0.00	33.89 1.99 0.00	33.33 1.83 -0.02	32.09 1.83 0.00	31.48 1.89 0.00	34.31 2.18 0.00	35.68 2.26 0.00	35.76 2.37 0.00	46.11 3.14 0.00	57.39 3.72 0.00	53.39 3.51 0.04	54.45 3.50 0.00	54.03 3.51 0.00	53.59 3.60 0.00	52.58 3.17 0.00	40.68 2.34 0.00	41.21 2.22 0.00
PEEKSKILL___ 23653	13.07 0.74 0.00	2.46 0.15 0.00	6.61 0.40 0.00	16.18 0.89 0.00	28.51 1.43 0.00	28.14 1.46 0.00	32.48 1.60 0.00	40.04 2.00 0.00	33.63 1.73 0.00	33.11 1.55 -0.08	31.85 1.60 0.00	31.28 1.69 0.00	34.09 1.95 0.00	35.43 2.02 0.00	35.47 2.08 0.00	45.76 2.79 0.00	56.92 3.24 0.00	52.95 3.08 0.04	53.95 3.00 0.00	53.52 3.00 0.00	53.12 3.13 0.00	52.10 2.68 0.00	40.35 2.01 0.00	40.91 1.92 0.00
PGE MADISON___WINDPWR 24146	13.03 0.70 0.00	2.44 0.13 0.00	6.52 0.31 0.00	15.95 0.66 0.00	28.40 1.32 0.00	28.33 1.48 -0.17	32.83 1.91 -0.03	40.41 2.16 -0.21	33.84 1.94 0.00	34.85 1.77 -1.60	34.28 1.85 -2.17	33.01 1.58 -1.84	36.05 1.64 -2.28	36.84 1.80 -1.63	37.85 1.91 -2.55	48.35 2.46 -2.92	60.12 2.96 -3.49	55.86 2.87 -3.07	58.52 3.64 -3.93	54.22 3.70 0.00	53.41 3.42 0.00	52.59 3.17 0.00	40.61 2.27 0.00	41.38 2.39 0.00

PIERCEFIELD___HYD 23852	11.77 -0.55 0.00	2.18 -0.13 0.00	5.86 -0.36 0.00	14.53 -0.76 0.00	25.95 -1.13 0.00	25.68 -1.01 0.00	29.98 -0.91 0.00	36.96 -1.07 0.00	31.03 -0.87 0.00	30.79 -0.69 0.00	29.49 -0.77 0.00	28.75 -0.84 0.00	31.16 -0.98 0.00	32.42 -0.99 0.00	32.33 -1.05 0.00	41.68 -1.30 0.00	52.33 -1.35 0.00	48.58 -1.34 0.00	49.73 -1.22 0.00	49.45 -1.07 0.00	48.77 -1.22 0.00	48.33 -1.08 0.00	37.60 -0.74 0.00	38.30 -0.68 0.00
PINELAWN_CC_1 323563	72.98 1.02 -59.64	59.97 0.20 -57.46	46.86 0.55 -40.10	31.53 1.23 -15.02	30.75 1.99 -1.69	28.58 1.90 0.00	32.95 2.06 0.00	42.95 2.49 -2.43	55.97 2.24 -21.84	63.42 2.08 -29.86	40.83 2.22 -8.35	39.46 2.09 -7.79	35.95 2.32 -1.49	41.92 2.34 -6.16	46.32 2.35 -10.58	107.03 3.05 -61.01	107.78 3.43 -50.68	159.09 3.36 -105.81	195.95 3.45 -141.54	167.66 3.52 -113.62	73.95 3.94 -20.02	54.40 3.64 -1.35	63.52 2.87 -22.31	41.61 2.62 0.00
PJM_GEN_HTTP_PROXY 323702	13.17 0.84 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.28 0.99 0.00	28.68 1.60 0.00	28.31 1.63 0.00	32.67 1.79 0.00	40.31 2.28 0.00	33.92 2.02 0.00	33.41 1.86 -0.07	32.20 1.95 0.00	31.64 2.06 0.00	34.44 2.31 0.00	35.80 2.39 0.00	35.85 2.47 0.00	46.21 3.23 0.00	57.28 3.69 0.08	53.33 3.45 0.04	54.25 3.35 0.05	53.84 3.32 0.00	53.43 3.44 0.00	52.39 2.98 0.00	40.65 2.31 0.00	41.19 2.21 0.00
PJM_GEN_KEystone 24065	12.47 0.15 0.00	2.35 0.04 0.00	6.32 0.11 0.00	15.50 0.21 0.00	27.22 0.14 0.00	26.59 0.11 0.20	30.82 -0.02 0.04	37.84 0.04 0.24	32.04 0.14 0.00	29.86 0.33 1.95	28.17 0.40 2.49	28.00 0.52 2.11	30.10 0.58 2.62	32.06 0.51 1.87	30.82 0.36 2.93	39.94 0.32 3.35	49.33 -0.34 4.00	45.23 -0.35 4.34	47.09 -0.28 3.58	50.44 -0.08 0.00	50.33 0.34 0.00	49.27 -0.15 0.00	38.00 -0.34 0.00	38.77 -0.22 0.00
PJM_GEN_NEPTUNE_PROXY 323594	61.04 0.88 -47.83	49.73 0.17 -47.25	39.65 0.47 -32.97	28.67 1.04 -12.35	30.15 1.68 -1.39	28.32 1.64 0.00	32.64 1.75 0.00	42.01 2.10 -1.87	50.56 1.89 -16.77	54.93 1.73 -21.72	37.31 1.87 -5.19	37.89 1.90 -6.41	35.52 2.15 -1.23	40.67 2.19 -5.06	44.42 2.33 -8.70	95.42 3.14 -49.31	96.02 3.59 -38.75	140.51 3.53 -87.06	171.33 3.51 -116.86	147.62 3.59 -93.51	66.81 3.96 -12.85	53.10 3.57 -0.12	57.61 2.75 -16.52	41.56 2.57 0.00
PJM_GEN_VFT_PROXY 323633	13.12 0.79 0.00	2.47 0.16 0.00	6.63 0.42 0.00	16.19 0.91 0.00	28.53 1.44 0.00	28.17 1.49 0.00	32.52 1.63 0.00	39.47 2.11 0.68	33.78 1.88 0.00	33.25 1.70 -0.07	32.08 1.82 0.00	31.52 1.95 0.01	34.05 2.18 0.27	35.04 2.27 0.64	35.21 2.33 0.51	46.02 3.10 0.05	43.61 3.52 13.58	42.64 3.29 10.57	43.63 3.17 10.49	43.17 3.14 10.49	42.31 3.27 10.95	40.98 2.81 11.24	38.46 2.17 2.05	40.86 2.04 0.16
PLATSBURG_115KV_PMLD1 355749	12.35 0.02 0.00	2.29 -0.02 0.00	6.15 -0.07 0.00	15.27 -0.02 0.00	27.31 0.23 0.00	27.11 0.43 0.00	31.48 0.59 0.00	39.03 1.00 0.00	32.54 0.65 0.00	32.10 0.62 0.00	30.90 0.64 0.00	30.22 0.64 0.00	32.90 0.76 0.00	34.14 0.73 0.00	34.15 0.76 0.00	43.72 0.75 0.00	55.07 1.39 0.00	50.86 0.94 0.00	51.80 0.85 0.00	51.74 1.22 0.00	50.74 0.74 0.00	50.54 1.13 0.00	39.18 0.84 0.00	39.92 0.93 0.00
PLEASANTVLY___LBMP 24000	13.02 0.69 0.00	2.45 0.14 0.00	6.59 0.37 0.00	16.13 0.84 0.00	28.41 1.33 0.00	28.03 1.35 0.00	32.35 1.46 0.00	39.87 1.83 0.00	33.48 1.58 0.00	32.92 1.42 -0.03	31.71 1.45 0.00	31.11 1.52 0.00	33.88 1.74 0.00	35.22 1.81 0.00	35.27 1.89 0.00	45.47 2.50 0.00	56.62 2.95 0.00	52.66 2.78 0.04	53.67 2.72 0.00	53.23 2.71 0.00	52.80 2.80 0.00	51.83 2.42 0.00	40.17 1.83 0.00	40.73 1.74 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	13.11 0.78 0.00	2.46 0.16 0.00	6.63 0.42 0.00	16.22 0.94 0.00	28.59 1.51 0.00	28.22 1.54 0.00	32.58 1.69 0.00	40.14 2.10 0.00	33.74 1.84 0.00	33.21 1.68 -0.05	31.99 1.73 0.00	31.41 1.82 0.00	34.21 2.07 0.00	35.57 2.15 0.00	35.62 2.23 0.00	45.92 2.95 0.00	57.12 3.45 0.00	53.11 3.23 0.04	54.10 3.15 0.00	53.67 3.15 0.00	53.24 3.26 0.00	52.25 2.84 0.00	40.49 2.15 0.00	41.03 2.04 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	13.11 0.78 0.00	2.46 0.16 0.00	6.63 0.42 0.00	16.22 0.94 0.00	28.59 1.51 0.00	28.22 1.54 0.00	32.58 1.69 0.00	40.14 2.10 0.00	33.74 1.84 0.00	33.21 1.68 -0.05	31.99 1.73 0.00	31.41 1.82 0.00	34.21 2.07 0.00	35.57 2.15 0.00	35.62 2.23 0.00	45.92 2.95 0.00	57.12 3.45 0.00	53.11 3.23 0.04	54.10 3.15 0.00	53.67 3.15 0.00	53.24 3.26 0.00	52.25 2.84 0.00	40.49 2.15 0.00	41.03 2.04 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	13.12 0.79 0.00	2.47 0.16 0.00	6.64 0.43 0.00	16.25 0.96 0.00	28.64 1.56 0.00	28.25 1.57 0.00	32.64 1.75 0.00	40.23 2.20 0.00	33.75 1.85 0.00	33.15 1.67 0.00	31.91 1.65 0.00	31.29 1.70 0.00	34.09 1.95 0.00	35.51 2.09 0.00	35.56 2.17 0.00	45.84 2.87 0.00	57.12 3.45 0.00	53.17 3.30 0.04	54.24 3.29 0.00	53.83 3.31 0.00	53.40 3.40 0.00	52.39 2.98 0.00	40.55 2.21 0.00	41.08 2.09 0.00
POLETTI_____ 23519	13.18 0.85 0.00	2.48 0.17 0.00	6.65 0.44 0.00	16.27 0.98 0.00	28.65 1.57 0.00	28.28 1.60 0.00	32.63 1.75 0.00	40.29 2.26 0.00	33.92 2.02 0.00	33.39 1.85 -0.07	32.22 1.96 0.00	31.65 2.07 0.00	34.42 2.28 0.00	35.78 2.37 0.00	35.83 2.44 0.00	46.19 3.22 0.00	57.38 3.70 0.00	53.32 3.44 0.04	54.30 3.34 0.00	53.82 3.30 0.00	53.42 3.43 0.00	52.39 2.97 0.00	40.65 2.31 0.00	41.18 2.19 0.00
POMONA___ESR 323819	13.06 0.73 0.00	2.45 0.15 0.00	6.61 0.39 0.00	16.17 0.89 0.00	28.50 1.42 0.00	28.12 1.44 0.00	32.47 1.58 0.00	40.03 2.00 0.00	33.68 1.78 0.00	32.96 1.59 0.11	31.89 1.64 0.00	31.34 1.75 0.00	34.18 2.04 0.00	35.54 2.13 0.00	35.56 2.18 0.00	45.90 2.93 0.00	57.10 3.42 0.00	53.10 3.23 0.04	54.01 3.05 0.00	53.57 3.05 0.00	53.15 3.16 0.00	52.12 2.71 0.00	40.35 2.00 0.00	40.89 1.90 0.00
PORT_JEFF_3 23555	66.72 1.05 -53.34	54.43 0.21 -51.91	43.00 0.56 -36.22	30.13 1.27 -13.57	30.68 2.07 -1.52	28.62 1.94 0.00	32.97 2.08 0.00	42.60 2.42 -2.14	53.49 2.24 -19.35	59.24 2.05 -25.71	39.35 2.30 -6.80	38.76 2.13 -7.04	35.83 2.35 -1.35	41.33 2.35 -5.56	45.50 2.55 -9.56	101.16 3.46 -54.73	102.29 4.10 -44.52	149.73 4.15 -95.66	183.61 4.21 -128.45	157.54 4.33 -102.69	70.80 4.85 -15.96	54.54 4.50 -0.63	60.77 3.39 -19.04	42.17 3.18 0.00
PORT_JEFF_4 23616	66.72 1.05 -53.34	54.43 0.21 -51.91	43.00 0.56 -36.22	30.13 1.27 -13.57	30.68 2.07 -1.52	28.62 1.94 0.00	32.97 2.08 0.00	42.60 2.42 -2.14	53.49 2.24 -19.35	59.24 2.05 -25.71	39.35 2.30 -6.80	38.76 2.13 -7.04	35.83 2.35 -1.35	41.33 2.35 -5.56	45.50 2.55 -9.56	101.16 3.46 -54.73	102.29 4.10 -44.52	149.73 4.15 -95.66	183.61 4.21 -128.45	157.54 4.33 -102.69	70.80 4.85 -15.96	54.54 4.50 -0.63	60.77 3.39 -19.04	42.17 3.18 0.00

PORT_JEFF_IC 23713	66.89 1.05 -53.51	54.57 0.21 -52.06	43.10 0.56 -36.32	30.19 1.29 -13.61	30.70 2.09 -1.53	28.64 1.96 0.00	33.00 2.11 0.00	42.62 2.44 -2.15	53.60 2.28 -19.43	59.39 2.09 -25.82	39.40 2.30 -6.84	38.79 2.15 -7.06	35.86 2.37 -1.35	41.37 2.37 -5.58	45.56 2.58 -9.59	101.37 3.50 -54.90	102.57 4.21 -44.68	150.09 4.24 -95.93	184.06 4.29 -128.81	157.94 4.43 -102.98	70.99 4.95 -16.06	54.62 4.57 -0.65	60.90 3.44 -19.12	42.23 3.24 0.00
PPL PILGRIM_ST_GT1 24216	67.68 1.07 -54.29	55.25 0.21 -52.73	43.58 0.57 -36.79	30.37 1.30 -13.78	30.73 2.11 -1.55	28.68 1.99 0.00	33.03 2.14 0.00	42.77 2.55 -2.18	53.90 2.32 -19.67	60.01 2.16 -26.37	39.66 2.35 -7.05	38.94 2.21 -7.15	35.96 2.45 -1.37	41.53 2.46 -5.65	45.78 2.69 -9.71	102.29 3.65 -55.67	103.21 4.06 -45.47	151.08 4.03 -97.13	185.30 4.13 -130.22	159.03 4.21 -104.30	71.18 4.68 -16.51	54.68 4.55 -0.72	61.33 3.49 -19.49	42.24 3.25 0.00
PPL PILGRIM_ST_GT2 24217	67.68 1.07 -54.29	55.25 0.21 -52.73	43.58 0.57 -36.79	30.37 1.30 -13.78	30.73 2.11 -1.55	28.68 1.99 0.00	33.03 2.14 0.00	42.77 2.55 -2.18	53.90 2.32 -19.67	60.01 2.16 -26.37	39.66 2.35 -7.05	38.94 2.21 -7.15	35.96 2.45 -1.37	41.53 2.46 -5.65	45.78 2.69 -9.71	102.29 3.65 -55.67	103.21 4.06 -45.47	151.08 4.03 -97.13	185.30 4.13 -130.22	159.03 4.21 -104.30	71.18 4.68 -16.51	54.68 4.55 -0.72	61.33 3.49 -19.49	42.24 3.25 0.00
PPL_SHRM_GT3 24213	66.78 1.04 -53.41	54.48 0.21 -51.97	43.04 0.57 -36.26	30.17 1.30 -13.58	30.73 2.13 -1.53	28.67 1.99 0.00	33.06 2.17 0.00	42.62 2.44 -2.14	53.61 2.33 -19.38	59.28 2.04 -25.76	39.46 2.39 -6.81	38.82 2.19 -7.05	35.83 2.34 -1.35	41.30 2.31 -5.57	45.47 2.51 -9.57	101.14 3.37 -54.80	102.29 4.03 -44.58	149.79 4.11 -95.76	183.73 4.18 -128.59	157.62 4.29 -102.81	70.96 4.96 -16.00	54.62 4.58 -0.64	60.84 3.42 -19.07	42.20 3.21 0.00
PPL_SHRM_GT4 24214	66.78 1.04 -53.41	54.48 0.21 -51.97	43.04 0.57 -36.26	30.17 1.30 -13.58	30.73 2.13 -1.53	28.67 1.99 0.00	33.06 2.17 0.00	42.62 2.44 -2.14	53.61 2.33 -19.38	59.28 2.04 -25.76	39.46 2.39 -6.81	38.82 2.19 -7.05	35.83 2.34 -1.35	41.30 2.31 -5.57	45.47 2.51 -9.57	101.14 3.37 -54.80	102.29 4.03 -44.58	149.79 4.11 -95.76	183.73 4.18 -128.59	157.62 4.29 -102.81	70.96 4.96 -16.00	54.62 4.58 -0.64	60.84 3.42 -19.07	42.20 3.21 0.00
PROJECT___ORANGE 1 24174	12.21 -0.12 0.00	2.29 -0.02 0.00	6.16 -0.05 0.00	15.13 -0.15 0.00	26.70 -0.39 0.00	26.29 -0.39 0.00	30.46 -0.43 0.00	37.51 -0.52 0.00	31.50 -0.40 0.00	31.16 -0.31 0.00	29.97 -0.29 0.00	29.31 -0.28 0.00	31.80 -0.34 0.00	33.02 -0.40 0.00	32.94 -0.45 0.00	42.32 -0.65 0.00	52.65 -1.03 0.00	48.97 -0.95 0.00	50.06 -0.89 0.00	49.78 -0.74 0.00	49.40 -0.59 0.00	48.59 -0.82 0.00	37.55 -0.79 0.00	38.20 -0.79 0.00
PROJECT___ORANGE 2 24166	12.21 -0.12 0.00	2.29 -0.02 0.00	6.16 -0.05 0.00	15.13 -0.15 0.00	26.70 -0.39 0.00	26.29 -0.39 0.00	30.46 -0.43 0.00	37.51 -0.52 0.00	31.50 -0.40 0.00	31.16 -0.31 0.00	29.97 -0.29 0.00	29.31 -0.28 0.00	31.80 -0.34 0.00	33.02 -0.40 0.00	32.94 -0.45 0.00	42.32 -0.65 0.00	52.65 -1.03 0.00	48.97 -0.95 0.00	50.06 -0.89 0.00	49.78 -0.74 0.00	49.40 -0.59 0.00	48.59 -0.82 0.00	37.55 -0.79 0.00	38.20 -0.79 0.00
PUCKETT___SOLAR 323809	12.56 0.24 0.00	2.36 0.05 0.00	6.35 0.13 0.00	15.56 0.27 0.00	27.46 0.38 0.00	27.08 0.40 0.00	31.31 0.43 0.00	38.73 0.69 0.00	33.34 1.44 0.00	32.04 0.56 0.00	30.79 0.53 0.00	30.05 0.47 0.00	32.59 0.45 0.00	33.79 0.37 0.00	33.84 0.46 0.00	43.43 0.46 0.00	53.97 0.30 0.00	49.93 0.27 0.26	51.59 0.63 0.00	51.35 0.83 0.00	50.81 0.82 0.00	49.93 0.52 0.00	38.61 0.26 0.00	39.32 0.34 0.00
PYRITES___HYD 24023	12.07 -0.26 0.00	2.23 -0.08 0.00	6.01 -0.20 0.00	14.90 -0.39 0.00	26.63 -0.45 0.00	26.32 -0.36 0.00	30.78 -0.11 0.00	37.95 -0.09 0.00	31.80 -0.10 0.00	31.52 0.04 0.00	30.10 -0.15 0.00	29.32 -0.27 0.00	31.68 -0.46 0.00	32.91 -0.51 0.00	32.86 -0.53 0.00	42.57 -0.41 0.00	53.46 -0.22 0.00	49.76 -0.16 0.00	51.01 0.05 0.00	50.82 0.30 0.00	50.15 0.16 0.00	49.66 0.24 0.00	38.59 0.25 0.00	39.31 0.32 0.00
QUAKERRD_115KV_BK1 80622	11.78 -0.54 0.00	2.21 -0.10 0.00	5.93 -0.29 0.00	14.56 -0.73 0.00	25.64 -1.44 0.00	25.25 -1.43 0.00	29.32 -1.57 0.00	36.09 -1.94 0.00	30.40 -1.50 0.00	30.23 -1.25 0.00	29.00 -1.26 0.00	28.42 -1.16 0.00	30.71 -1.43 0.00	31.91 -1.51 0.00	31.56 -1.82 0.00	40.35 -2.63 0.00	49.67 -4.01 0.00	46.29 -3.80 -0.16	47.00 -3.55 0.41	47.46 -3.06 0.00	47.45 -2.55 0.00	46.56 -2.85 0.00	35.80 -2.54 0.00	36.57 -2.42 0.00
QUENSBRY_115KV_TB8 356137	13.03 0.70 0.00	2.45 0.14 0.00	6.61 0.39 0.00	16.21 0.92 0.00	28.53 1.45 0.00	28.16 1.48 0.00	32.77 1.88 0.00	40.36 2.32 0.00	33.46 1.56 0.00	32.92 1.44 0.00	31.71 1.45 0.00	30.82 1.24 0.00	33.46 1.33 0.00	34.74 1.33 0.00	34.96 1.58 0.00	44.77 1.80 0.00	56.37 2.70 0.00	52.46 2.58 0.03	53.57 2.62 0.00	53.34 2.82 0.00	52.70 2.71 0.00	52.23 2.82 0.00	40.37 2.03 0.00	40.72 1.73 0.00
RAMAPO___LBMP 323565	13.01 0.69 0.00	2.45 0.14 0.00	6.59 0.37 0.00	16.12 0.83 0.00	28.40 1.32 0.00	28.03 1.35 0.00	32.36 1.47 0.00	39.89 1.85 0.00	33.48 1.58 0.00	32.77 1.40 0.10	31.71 1.45 0.00	31.14 1.56 0.00	33.96 1.82 0.00	35.31 1.89 0.00	35.32 1.94 0.00	45.60 2.62 0.00	56.74 3.06 0.00	52.75 2.88 0.04	53.77 2.82 0.00	53.34 2.81 0.00	52.92 2.93 0.00	51.90 2.49 0.00	40.18 1.84 0.00	40.73 1.74 0.00
RANKINE___ 23646	11.79 -0.54 0.00	2.22 -0.09 0.00	5.92 -0.29 0.00	14.53 -0.76 0.00	25.39 -1.69 0.00	23.99 -1.71 0.98	28.73 -1.95 0.20	34.45 -2.38 1.20	30.15 -1.75 0.00	21.19 -1.12 9.17	16.66 -1.05 12.54	18.06 -0.93 10.60	17.66 -1.29 13.19	22.51 -1.50 9.40	16.55 -2.03 14.80	22.99 -3.12 16.86	28.96 -5.36 19.35	25.25 -5.03 19.64	30.26 -4.53 16.17	46.70 -3.82 0.00	47.22 -2.77 0.00	46.07 -3.34 0.00	35.30 -3.04 0.00	36.38 -2.61 0.00
RAVENSWOOD_GT2_1 24244	13.17 0.84 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.67 1.59 0.00	28.30 1.62 0.00	32.67 1.79 0.00	40.31 2.28 0.00	33.95 2.05 0.00	33.44 1.89 -0.07	32.25 1.99 0.00	31.68 2.10 0.00	34.48 2.34 0.00	35.85 2.43 0.00	35.89 2.50 0.00	46.26 3.29 0.00	57.43 3.75 0.00	53.37 3.50 0.04	54.35 3.39 0.00	53.88 3.35 0.00	53.47 3.48 0.00	52.45 3.04 0.00	40.68 2.34 0.00	41.22 2.23 0.00
RAVENSWOOD_GT2_2 24245	13.17 0.84 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.67 1.59 0.00	28.30 1.62 0.00	32.67 1.79 0.00	40.31 2.28 0.00	33.95 2.05 0.00	33.44 1.89 -0.07	32.25 1.99 0.00	31.68 2.10 0.00	34.48 2.34 0.00	35.85 2.43 0.00	35.89 2.50 0.00	46.26 3.29 0.00	57.43 3.75 0.00	53.37 3.50 0.04	54.35 3.39 0.00	53.88 3.35 0.00	53.47 3.48 0.00	52.45 3.04 0.00	40.68 2.34 0.00	41.22 2.23 0.00

RAVENSWOOD_GT2_3 24246	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.28 0.99 0.00	28.68 1.60 0.00	28.31 1.63 0.00	32.68 1.80 0.00	40.33 2.30 0.00	33.96 2.06 0.00	33.45 1.91 -0.07	32.26 2.00 0.00	31.70 2.12 0.00	34.50 2.36 0.00	35.86 2.45 0.00	35.91 2.52 0.00	46.28 3.31 0.00	57.46 3.79 0.00	53.40 3.53 0.04	54.37 3.42 0.00	53.90 3.39 0.00	53.49 3.50 0.00	52.48 3.07 0.00	40.70 2.35 0.00	41.23 2.24 0.00
RAVENSWOOD_GT2_4 24247	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.28 0.99 0.00	28.68 1.60 0.00	28.31 1.63 0.00	32.68 1.80 0.00	40.33 2.30 0.00	33.96 2.06 0.00	33.45 1.91 -0.07	32.26 2.00 0.00	31.70 2.12 0.00	34.50 2.36 0.00	35.86 2.45 0.00	35.91 2.52 0.00	46.28 3.31 0.00	57.46 3.79 0.00	53.40 3.53 0.04	54.37 3.42 0.00	53.90 3.39 0.00	53.49 3.50 0.00	52.48 3.07 0.00	40.70 2.35 0.00	41.23 2.24 0.00
RAVENSWOOD_GT3_1 24248	13.17 0.84 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.67 1.59 0.00	28.30 1.62 0.00	32.67 1.79 0.00	40.31 2.28 0.00	33.95 2.05 0.00	33.44 1.89 -0.07	32.25 1.99 0.00	31.68 2.10 0.00	34.48 2.34 0.00	35.85 2.43 0.00	35.89 2.50 0.00	46.26 3.29 0.00	57.43 3.75 0.00	53.37 3.50 0.04	54.35 3.40 0.00	53.88 3.36 0.00	53.48 3.49 0.00	52.45 3.04 0.00	40.68 2.34 0.00	41.22 2.23 0.00
RAVENSWOOD_GT3_2 24249	13.17 0.84 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.67 1.59 0.00	28.30 1.62 0.00	32.67 1.79 0.00	40.31 2.28 0.00	33.95 2.05 0.00	33.44 1.89 -0.07	32.25 1.99 0.00	31.68 2.10 0.00	34.48 2.34 0.00	35.85 2.43 0.00	35.89 2.50 0.00	46.26 3.29 0.00	57.43 3.75 0.00	53.37 3.50 0.04	54.35 3.40 0.00	53.88 3.36 0.00	53.48 3.49 0.00	52.45 3.04 0.00	40.68 2.34 0.00	41.22 2.23 0.00
RAVENSWOOD_GT3_3 24250	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.29 1.01 0.00	28.70 1.62 0.00	28.34 1.66 0.00	32.71 1.83 0.00	40.37 2.34 0.00	34.00 2.10 0.00	33.49 1.95 -0.07	32.30 2.05 0.00	31.73 2.15 0.00	34.54 2.40 0.00	35.90 2.49 0.00	35.95 2.56 0.00	46.33 3.36 0.00	57.53 3.85 0.00	53.46 3.59 0.04	54.43 3.48 0.00	53.97 3.45 0.00	53.56 3.57 0.00	52.53 3.12 0.00	40.74 2.40 0.00	41.27 2.28 0.00
RAVENSWOOD_GT3_4 24251	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.29 1.01 0.00	28.70 1.62 0.00	28.34 1.66 0.00	32.71 1.83 0.00	40.37 2.34 0.00	34.00 2.10 0.00	33.49 1.95 -0.07	32.30 2.05 0.00	31.73 2.15 0.00	34.54 2.40 0.00	35.90 2.49 0.00	35.95 2.56 0.00	46.33 3.36 0.00	57.53 3.85 0.00	53.46 3.59 0.04	54.43 3.48 0.00	53.97 3.45 0.00	53.56 3.57 0.00	52.53 3.12 0.00	40.74 2.40 0.00	41.27 2.28 0.00
RAVENSWOOD_GT_1 23729	13.19 0.87 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.29 1.00 0.00	28.73 1.65 0.00	28.37 1.69 0.00	32.75 1.86 0.00	40.43 2.31 -0.09	34.05 2.15 0.00	33.55 2.01 -0.07	32.37 2.12 0.00	31.91 2.24 -0.09	34.61 2.47 0.00	35.97 2.55 0.00	36.30 2.65 -0.27	46.48 3.44 -0.07	57.50 3.83 0.00	53.45 3.57 0.04	54.40 3.44 0.00	53.91 3.39 0.00	53.51 3.52 0.00	52.52 3.10 0.00	42.37 2.39 -1.63	41.27 2.28 0.00
RAVENSWOOD_GT_10 24258	13.17 0.84 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.67 1.59 0.00	28.30 1.62 0.00	32.67 1.79 0.00	40.33 2.28 -0.01	33.95 2.05 0.00	33.44 1.89 -0.07	32.25 1.99 0.00	31.67 2.09 0.01	34.48 2.34 0.00	35.84 2.42 0.00	35.92 2.50 -0.03	46.26 3.28 -0.01	57.43 3.75 0.00	53.38 3.51 0.04	54.35 3.40 0.00	53.88 3.36 0.00	53.48 3.49 0.00	52.45 3.04 0.00	40.87 2.34 -0.19	41.22 2.23 0.00
RAVENSWOOD_GT_11 24259	13.17 0.84 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.67 1.59 0.00	28.30 1.62 0.00	32.67 1.79 0.00	40.33 2.28 -0.01	33.95 2.05 0.00	33.44 1.89 -0.07	32.25 1.99 0.00	31.67 2.09 0.01	34.48 2.34 0.00	35.84 2.42 0.00	35.92 2.50 -0.03	46.26 3.28 -0.01	57.43 3.75 0.00	53.38 3.51 0.04	54.35 3.40 0.00	53.88 3.36 0.00	53.48 3.49 0.00	52.45 3.04 0.00	40.87 2.34 -0.19	41.22 2.23 0.00
RAVENSWOOD_GT_4 24252	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.67 1.59 0.00	28.31 1.63 0.00	32.67 1.79 0.00	40.39 2.29 -0.07	33.95 2.05 0.00	33.43 1.88 -0.07	32.24 1.99 0.00	31.63 2.09 0.05	34.48 2.34 0.00	35.84 2.42 0.00	36.08 2.49 -0.20	46.30 3.28 -0.05	57.44 3.77 0.00	53.38 3.51 0.04	54.35 3.40 0.00	53.89 3.37 0.00	53.48 3.49 0.00	52.47 3.06 0.00	41.93 2.35 -1.24	41.22 2.23 0.00
RAVENSWOOD_GT_5 24254	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.67 1.59 0.00	28.31 1.63 0.00	32.67 1.79 0.00	40.39 2.29 -0.07	33.95 2.05 0.00	33.43 1.88 -0.07	32.24 1.99 0.00	31.63 2.09 0.05	34.48 2.34 0.00	35.84 2.42 0.00	36.08 2.49 -0.20	46.30 3.28 -0.05	57.44 3.77 0.00	53.38 3.51 0.04	54.35 3.40 0.00	53.89 3.37 0.00	53.48 3.49 0.00	52.47 3.06 0.00	41.93 2.35 -1.24	41.22 2.23 0.00
RAVENSWOOD_GT_6 24253	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.67 1.59 0.00	28.31 1.63 0.00	32.67 1.79 0.00	40.39 2.29 -0.07	33.95 2.05 0.00	33.43 1.88 -0.07	32.24 1.99 0.00	31.63 2.09 0.05	34.48 2.34 0.00	35.84 2.42 0.00	36.08 2.49 -0.20	46.30 3.28 -0.05	57.44 3.77 0.00	53.38 3.51 0.04	54.35 3.40 0.00	53.89 3.37 0.00	53.48 3.49 0.00	52.47 3.06 0.00	41.93 2.35 -1.24	41.22 2.23 0.00
RAVENSWOOD_GT_7 24255	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.67 1.59 0.00	28.31 1.63 0.00	32.67 1.79 0.00	40.39 2.29 -0.07	33.95 2.05 0.00	33.43 1.88 -0.07	32.24 1.99 0.00	31.63 2.09 0.05	34.48 2.34 0.00	35.84 2.42 0.00	36.08 2.49 -0.20	46.30 3.28 -0.05	57.44 3.77 0.00	53.38 3.51 0.04	54.35 3.40 0.00	53.89 3.37 0.00	53.48 3.49 0.00	52.47 3.06 0.00	41.93 2.35 -1.24	41.22 2.23 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	13.17 0.84 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.67 1.59 0.00	28.30 1.62 0.00	32.67 1.79 0.00	40.33 2.28 -0.01	33.95 2.05 0.00	33.44 1.89 -0.07	32.25 1.99 0.00	31.67 2.09 0.01	34.48 2.34 0.00	35.84 2.42 0.00	35.92 2.50 -0.03	46.26 3.28 -0.01	57.43 3.75 0.00	53.38 3.51 0.04	54.35 3.40 0.00	53.88 3.36 0.00	53.48 3.49 0.00	52.45 3.04 0.00	40.87 2.34 -0.19	41.22 2.23 0.00
RAVENSWOOD_GT_9 24257	13.17 0.84 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.67 1.59 0.00	28.30 1.62 0.00	32.67 1.79 0.00	40.33 2.28 -0.01	33.95 2.05 0.00	33.44 1.89 -0.07	32.25 1.99 0.00	31.67 2.09 0.01	34.48 2.34 0.00	35.84 2.42 0.00	35.92 2.50 -0.03	46.26 3.28 -0.01	57.43 3.75 0.00	53.38 3.51 0.04	54.35 3.40 0.00	53.88 3.36 0.00	53.48 3.49 0.00	52.45 3.04 0.00	40.87 2.34 -0.19	41.22 2.23 0.00

RAVENSWOOD___1 23533	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.68 1.60 0.00	28.32 1.64 0.00	32.68 1.79 0.00	40.20 2.25 0.09	33.99 2.09 0.00	33.49 1.95 -0.07	32.30 2.04 0.00	31.82 2.17 -0.06	34.54 2.40 0.00	35.90 2.49 0.00	35.69 2.57 0.26	46.27 3.37 0.07	57.40 3.73 0.00	53.37 3.49 0.04	54.34 3.39 0.00	53.86 3.34 0.00	53.45 3.46 0.00	52.47 3.06 0.00	39.09 2.35 1.61	41.21 2.23 0.00
RAVENSWOOD___2 23534	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.68 1.60 0.00	28.32 1.64 0.00	32.68 1.79 0.00	40.20 2.25 0.09	33.99 2.09 0.00	33.49 1.95 -0.07	32.30 2.04 0.00	31.82 2.17 -0.06	34.54 2.40 0.00	35.90 2.49 0.00	35.69 2.57 0.26	46.27 3.37 0.07	57.40 3.73 0.00	53.37 3.49 0.04	54.34 3.39 0.00	53.86 3.34 0.00	53.45 3.46 0.00	52.47 3.06 0.00	39.09 2.35 1.61	41.21 2.23 0.00
RAVENSWOOD___3 23535	13.17 0.84 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.67 1.59 0.00	28.31 1.63 0.00	32.67 1.79 0.00	40.31 2.28 0.00	33.95 2.05 0.00	33.44 1.89 -0.07	32.24 1.98 0.00	31.68 2.10 0.00	34.48 2.34 0.00	35.85 2.43 0.00	35.89 2.50 0.00	46.26 3.29 0.00	57.41 3.74 0.00	53.37 3.49 0.04	54.35 3.40 0.00	53.88 3.36 0.00	53.48 3.49 0.00	52.46 3.05 0.00	40.69 2.35 0.00	41.22 2.23 0.00
RAVENSWOOD___4 23820	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.68 1.60 0.00	28.32 1.64 0.00	32.68 1.79 0.00	40.20 2.25 0.09	33.99 2.09 0.00	33.49 1.95 -0.07	32.30 2.04 0.00	31.82 2.17 -0.06	34.54 2.40 0.00	35.90 2.49 0.00	35.69 2.57 0.26	46.27 3.37 0.07	57.40 3.73 0.00	53.37 3.49 0.04	54.34 3.39 0.00	53.86 3.34 0.00	53.45 3.46 0.00	52.47 3.06 0.00	39.09 2.35 1.61	41.21 2.23 0.00
RCPL_TRUST___DRP 24196	13.17 0.84 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.68 1.60 0.00	28.31 1.63 0.00	32.67 1.79 0.00	40.31 2.28 0.00	33.92 2.02 0.00	33.41 1.86 -0.07	32.21 1.95 0.00	31.65 2.06 0.00	34.45 2.31 0.00	35.81 2.39 0.00	35.86 2.47 0.00	46.21 3.23 0.00	57.39 3.71 0.00	53.34 3.46 0.04	54.30 3.35 0.00	53.84 3.32 0.00	53.43 3.44 0.00	52.39 2.98 0.00	40.65 2.31 0.00	41.19 2.21 0.00
RED___ROCHESTER 323720	12.06 -0.27 0.00	2.26 -0.05 0.00	6.05 -0.16 0.00	14.87 -0.42 0.00	26.16 -0.92 0.00	25.79 -0.89 0.00	29.95 -0.93 0.00	36.87 -1.16 0.00	31.09 -0.81 0.00	30.97 -0.51 0.00	29.71 -0.55 0.00	29.14 -0.44 0.00	31.47 -0.67 0.00	32.70 -0.71 0.00	32.29 -1.10 0.00	41.23 -1.74 0.00	50.64 -3.04 0.00	47.08 -2.99 -0.15	47.84 -2.65 0.46	48.42 -2.10 0.00	48.52 -1.47 0.00	47.54 -1.87 0.00	36.49 -1.86 0.00	37.32 -1.67 0.00
REGAN___SOLAR 323812	12.97 0.64 0.00	2.43 0.12 0.00	6.54 0.32 0.00	16.06 0.77 0.00	28.41 1.33 0.00	28.05 1.37 0.00	32.50 1.62 0.00	39.73 1.69 0.00	33.27 1.37 0.00	32.90 1.42 0.00	31.60 1.34 0.00	30.87 1.29 0.00	33.28 1.14 0.00	34.66 1.25 0.00	34.63 1.24 0.00	44.27 1.30 0.00	55.70 2.03 0.00	50.88 1.00 0.04	52.70 1.75 0.00	53.41 2.89 0.00	53.20 3.21 0.00	52.38 2.97 0.00	40.42 2.08 0.00	40.98 1.99 0.00
RENSSELAER___COGEN 23796	12.64 0.31 0.00	2.38 0.07 0.00	6.41 0.20 0.00	15.73 0.44 0.00	27.72 0.64 0.00	27.30 0.62 0.00	31.54 0.65 0.00	38.81 0.77 0.00	32.37 0.47 0.00	31.79 0.30 0.00	30.53 0.27 0.00	29.83 0.25 0.00	32.48 0.34 0.00	33.80 0.39 0.00	33.93 0.54 0.00	43.79 0.81 0.00	54.86 1.18 0.00	51.07 1.19 0.03	52.00 1.04 0.00	51.32 0.80 0.00	50.76 0.77 0.00	50.07 0.66 0.00	38.85 0.50 0.00	39.46 0.47 0.00
REPUBLIC_115KV_BARTNBRK 55605	13.29 0.96 0.00	2.52 0.21 0.00	6.76 0.55 0.00	16.60 1.32 0.00	29.15 2.07 0.00	28.83 2.15 0.00	33.74 2.86 0.00	41.72 3.69 0.00	34.28 2.38 0.00	33.71 2.23 0.00	32.54 2.29 0.00	31.75 2.17 0.00	34.39 2.26 0.00	35.61 2.19 0.00	36.10 2.72 0.00	45.97 2.99 0.00	58.05 4.37 0.00	53.99 4.10 0.03	55.15 4.20 0.00	54.97 4.45 0.00	54.28 4.29 0.00	54.40 4.99 0.00	41.88 3.54 0.00	41.89 2.90 0.00
REVERE_CPPR_DRP 24186	12.62 0.30 0.00	2.35 0.05 0.00	6.33 0.12 0.00	15.59 0.31 0.00	27.54 0.46 0.00	27.18 0.49 0.00	31.67 0.78 0.00	39.13 1.09 0.00	32.86 0.96 0.00	32.53 1.05 0.00	31.21 0.96 0.00	30.46 0.88 0.00	33.08 0.94 0.00	34.39 0.97 0.00	34.37 0.98 0.00	44.31 1.34 0.00	55.30 1.62 0.00	51.43 1.51 0.00	52.64 1.69 0.00	52.24 1.72 0.00	51.77 1.78 0.00	50.94 1.53 0.00	39.34 0.99 0.00	39.91 0.92 0.00
REYNLDPA_13_KV_LD 356490	12.16 -0.17 0.00	2.26 -0.05 0.00	6.08 -0.13 0.00	15.05 -0.24 0.00	26.83 -0.25 0.00	26.46 -0.22 0.00	30.76 -0.12 0.00	37.95 -0.09 0.00	31.87 -0.03 0.00	31.55 0.07 0.00	30.29 0.03 0.00	29.60 0.02 0.00	32.13 -0.01 0.00	33.46 0.04 0.00	33.31 -0.07 0.00	42.83 -0.14 0.00	53.68 0.01 0.00	49.89 -0.03 0.00	50.95 0.00 0.00	50.66 0.14 0.00	49.99 0.00 0.00	49.57 0.16 0.00	38.52 0.18 0.00	39.29 0.30 0.00
REYNOLDS_115KV_TB3 80639	12.74 0.42 0.00	2.40 0.09 0.00	6.47 0.25 0.00	15.86 0.57 0.00	27.94 0.86 0.00	27.52 0.84 0.00	31.81 0.93 0.00	39.12 1.09 0.00	32.64 0.74 0.00	32.06 0.57 -0.01	30.77 0.51 0.00	30.02 0.44 0.00	32.67 0.53 0.00	34.02 0.61 0.00	34.15 0.77 0.00	43.99 1.02 0.00	55.19 1.51 0.00	51.40 1.52 0.03	52.33 1.37 0.00	51.75 1.23 0.00	51.12 1.13 0.00	50.47 1.06 0.00	39.16 0.82 0.00	39.75 0.77 0.00
RIVERBAY____ 323610	13.98 1.16 -0.48	2.54 0.23 0.00	6.82 0.60 0.00	16.67 1.38 0.00	29.35 2.27 0.00	28.95 2.27 0.00	33.51 2.62 0.00	41.53 3.50 0.00	34.87 2.97 0.00	34.21 2.66 -0.07	32.91 2.66 0.00	32.28 2.69 0.00	34.94 2.80 0.00	36.44 3.02 0.00	36.43 3.05 0.00	47.03 4.06 0.00	58.48 4.80 0.00	54.22 4.34 0.04	55.27 4.32 0.00	54.81 4.28 0.00	54.38 4.39 0.00	53.40 3.99 0.00	41.43 3.09 0.00	41.98 2.99 0.00
RIVERSDE_115KV_TB3 55908	12.70 0.37 0.00	2.39 0.08 0.00	6.44 0.23 0.00	15.80 0.51 0.00	27.85 0.77 0.00	27.42 0.74 0.00	31.69 0.80 0.00	39.00 0.96 0.00	32.53 0.63 0.00	31.95 0.47 0.00	30.68 0.42 0.00	29.97 0.39 0.00	32.61 0.48 0.00	33.87 0.45 0.00	33.99 0.61 0.00	43.88 0.91 0.00	55.01 1.33 0.00	51.19 1.31 0.03	52.09 1.14 0.00	51.43 0.90 0.00	50.99 1.00 0.00	50.30 0.89 0.00	39.03 0.69 0.00	39.62 0.64 0.00
ROARING___BROOK_WT_PWR 323790	12.16 -0.17 0.00	2.26 -0.05 0.00	6.05 -0.16 0.00	14.92 -0.37 0.00	26.42 -0.66 0.00	26.08 -0.60 0.00	30.30 -0.58 0.00	37.46 -0.57 0.00	31.47 -0.43 0.00	31.15 -0.33 0.00	29.99 -0.26 0.00	29.30 -0.28 0.00	31.85 -0.29 0.00	33.22 -0.20 0.00	33.18 -0.20 0.00	42.71 -0.26 0.00	53.40 -0.27 0.00	49.59 -0.33 0.00	50.69 -0.26 0.00	50.34 -0.18 0.00	49.68 -0.31 0.00	49.21 -0.20 0.00	38.22 -0.13 0.00	38.89 -0.10 0.00

ROCHESRG_115KV_T4 355643	11.94 -0.39 0.00	2.24 -0.07 0.00	6.00 -0.21 0.00	14.75 -0.54 0.00	25.93 -1.15 0.00	25.40 -1.14 0.14	29.62 -1.24 0.03	36.30 -1.57 0.17	30.75 -1.15 0.00	29.33 -0.85 1.30	27.60 -0.87 1.79	27.32 -0.75 1.51	29.25 -1.00 1.89	30.99 -1.08 1.35	29.80 -1.47 2.12	38.34 -2.22 2.41	47.28 -3.68 2.71	44.05 -3.53 2.34	45.10 -3.25 2.60	47.84 -2.69 0.00	47.93 -2.06 0.00	47.00 -2.41 0.00	36.11 -2.24 0.00	36.96 -2.03 0.00
ROCHESTER_9_IC 23652	12.00 -0.33 0.00	2.25 -0.06 0.00	6.03 -0.18 0.00	14.81 -0.48 0.00	26.05 -1.03 0.00	25.67 -1.01 0.00	29.81 -1.07 0.00	36.68 -1.35 0.00	30.94 -0.96 0.00	30.81 -0.68 0.00	29.55 -0.70 0.00	28.99 -0.60 0.00	31.30 -0.84 0.00	32.52 -0.90 0.00	32.10 -1.29 0.00	40.99 -1.98 0.00	50.26 -3.42 0.00	46.79 -3.27 -0.15	47.52 -2.98 0.46	48.14 -2.38 0.00	48.24 -1.76 0.00	47.28 -2.13 0.00	36.30 -2.04 0.00	37.14 -1.85 0.00
ROCKVIEW_13_KV_LD 356306	13.18 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.29 1.00 0.00	28.73 1.65 0.00	28.33 1.65 0.00	32.69 1.81 0.00	40.29 2.26 0.00	33.88 1.98 0.00	33.38 1.83 -0.07	32.15 1.89 0.00	31.57 1.99 0.00	34.41 2.28 0.00	35.77 2.35 0.00	35.82 2.43 0.00	46.18 3.21 0.00	57.43 3.75 0.00	53.38 3.51 0.04	54.37 3.42 0.00	53.92 3.40 0.00	53.52 3.53 0.00	52.52 3.10 0.00	40.69 2.35 0.00	41.22 2.23 0.00
ROME____115KV_TB2 80656	12.62 0.30 0.00	2.35 0.05 0.00	6.33 0.12 0.00	15.59 0.31 0.00	27.54 0.46 0.00	27.18 0.49 0.00	31.67 0.78 0.00	39.13 1.09 0.00	32.86 0.96 0.00	32.53 1.05 0.00	31.21 0.96 0.00	30.46 0.88 0.00	33.08 0.94 0.00	34.39 0.97 0.00	34.37 0.98 0.00	44.31 1.34 0.00	55.30 1.62 0.00	51.43 1.51 0.00	52.64 1.69 0.00	52.24 1.72 0.00	51.77 1.78 0.00	50.94 1.53 0.00	39.34 0.99 0.00	39.91 0.92 0.00
ROSETON___1 23587	12.99 0.66 0.00	2.44 0.13 0.00	6.58 0.36 0.00	16.10 0.81 0.00	28.38 1.29 0.00	27.98 1.30 0.00	32.31 1.42 0.00	39.80 1.77 0.00	33.42 1.52 0.00	32.84 1.36 0.00	31.65 1.39 0.00	31.05 1.47 0.00	33.83 1.69 0.00	35.17 1.76 0.00	35.21 1.83 0.00	45.40 2.43 0.00	56.52 2.85 0.00	52.56 2.69 0.04	53.58 2.63 0.00	53.15 2.63 0.00	52.71 2.72 0.00	51.76 2.35 0.00	40.11 1.77 0.00	40.68 1.69 0.00
ROSETON___2 23588	12.99 0.66 0.00	2.44 0.13 0.00	6.58 0.36 0.00	16.10 0.81 0.00	28.38 1.29 0.00	27.98 1.30 0.00	32.31 1.42 0.00	39.80 1.77 0.00	33.42 1.52 0.00	32.84 1.36 0.00	31.65 1.39 0.00	31.05 1.47 0.00	33.83 1.69 0.00	35.17 1.76 0.00	35.21 1.83 0.00	45.40 2.43 0.00	56.52 2.85 0.00	52.56 2.69 0.04	53.58 2.63 0.00	53.15 2.63 0.00	52.71 2.72 0.00	51.76 2.35 0.00	40.11 1.77 0.00	40.68 1.69 0.00
ROTRDAM_115KV_TB3 80664	12.75 0.42 0.00	2.40 0.09 0.00	6.46 0.24 0.00	15.84 0.55 0.00	27.94 0.86 0.00	27.53 0.84 0.00	31.86 0.97 0.00	39.16 1.13 0.00	32.74 0.84 0.00	32.27 0.79 0.00	31.00 0.74 0.00	30.28 0.70 0.00	32.90 0.76 0.00	34.22 0.80 0.00	34.28 0.90 0.00	44.04 1.07 0.00	55.15 1.47 0.00	51.28 1.39 0.03	52.35 1.40 0.00	52.05 1.53 0.00	51.51 1.52 0.00	50.81 1.39 0.00	39.39 1.05 0.00	39.97 0.98 0.00
RUSSELL___1 23602	12.06 -0.27 0.00	2.26 -0.05 0.00	6.06 -0.16 0.00	14.87 -0.42 0.00	26.16 -0.92 0.00	25.78 -0.90 0.00	29.95 -0.93 0.00	36.87 -1.16 0.00	31.09 -0.81 0.00	30.96 -0.52 0.00	29.69 -0.57 0.00	29.13 -0.45 0.00	31.45 -0.68 0.00	32.69 -0.73 0.00	32.26 -1.13 0.00	41.19 -1.78 0.00	50.51 -3.17 0.00	47.04 -3.02 -0.15	47.81 -2.69 0.46	48.41 -2.11 0.00	48.52 -1.47 0.00	47.54 -1.87 0.00	36.50 -1.85 0.00	37.32 -1.67 0.00
RUSSELL___2 23532	12.06 -0.27 0.00	2.26 -0.05 0.00	6.06 -0.16 0.00	14.87 -0.42 0.00	26.16 -0.92 0.00	25.78 -0.90 0.00	29.95 -0.93 0.00	36.87 -1.16 0.00	31.09 -0.81 0.00	30.96 -0.52 0.00	29.69 -0.57 0.00	29.13 -0.45 0.00	31.45 -0.68 0.00	32.69 -0.73 0.00	32.26 -1.13 0.00	41.19 -1.78 0.00	50.51 -3.17 0.00	47.04 -3.02 -0.15	47.81 -2.69 0.46	48.41 -2.11 0.00	48.52 -1.47 0.00	47.54 -1.87 0.00	36.50 -1.85 0.00	37.32 -1.67 0.00
RUSSELL___3 23549	12.06 -0.27 0.00	2.26 -0.05 0.00	6.06 -0.16 0.00	14.87 -0.42 0.00	26.16 -0.92 0.00	25.78 -0.90 0.00	29.95 -0.93 0.00	36.87 -1.16 0.00	31.09 -0.81 0.00	30.96 -0.52 0.00	29.69 -0.57 0.00	29.13 -0.45 0.00	31.45 -0.68 0.00	32.69 -0.73 0.00	32.26 -1.13 0.00	41.19 -1.78 0.00	50.51 -3.17 0.00	47.04 -3.02 -0.15	47.81 -2.69 0.46	48.41 -2.11 0.00	48.52 -1.47 0.00	47.54 -1.87 0.00	36.50 -1.85 0.00	37.32 -1.67 0.00
RUSSELL___4 23556	12.06 -0.27 0.00	2.26 -0.05 0.00	6.06 -0.16 0.00	14.87 -0.42 0.00	26.16 -0.92 0.00	25.78 -0.90 0.00	29.95 -0.93 0.00	36.87 -1.16 0.00	31.09 -0.81 0.00	30.96 -0.52 0.00	29.69 -0.57 0.00	29.13 -0.45 0.00	31.45 -0.68 0.00	32.69 -0.73 0.00	32.26 -1.13 0.00	41.19 -1.78 0.00	50.51 -3.17 0.00	47.04 -3.02 -0.15	47.81 -2.69 0.46	48.41 -2.11 0.00	48.52 -1.47 0.00	47.54 -1.87 0.00	36.50 -1.85 0.00	37.32 -1.67 0.00
RUSSELL___STATION 23914	12.06 -0.27 0.00	2.26 -0.05 0.00	6.06 -0.16 0.00	14.87 -0.42 0.00	26.16 -0.92 0.00	25.78 -0.90 0.00	29.95 -0.93 0.00	36.87 -1.16 0.00	31.09 -0.81 0.00	30.96 -0.52 0.00	29.69 -0.57 0.00	29.13 -0.45 0.00	31.45 -0.68 0.00	32.69 -0.73 0.00	32.26 -1.13 0.00	41.19 -1.78 0.00	50.51 -3.17 0.00	47.04 -3.02 -0.15	47.81 -2.69 0.46	48.41 -2.11 0.00	48.52 -1.47 0.00	47.54 -1.87 0.00	36.50 -1.85 0.00	37.32 -1.67 0.00
S SALMON___HYD 24043	12.02 -0.31 0.00	2.23 -0.07 0.00	6.00 -0.21 0.00	14.80 -0.49 0.00	26.14 -0.94 0.00	25.80 -0.88 0.00	30.06 -0.82 0.00	37.09 -0.94 0.00	31.15 -0.75 0.00	30.81 -0.67 0.00	29.57 -0.68 0.00	28.86 -0.72 0.00	31.24 -0.90 0.00	32.49 -0.92 0.00	32.46 -0.92 0.00	41.88 -1.09 0.00	52.21 -1.46 0.00	48.59 -1.33 0.00	49.79 -1.17 0.00	49.43 -1.09 0.00	49.00 -0.99 0.00	48.21 -1.21 0.00	37.26 -1.09 0.00	37.84 -1.14 0.00
S.PERRY__115KV_TB1 80734	12.34 0.01 0.00	2.31 0.00 0.00	6.18 -0.03 0.00	15.19 -0.10 0.00	26.56 -0.52 0.00	29.28 -0.59 -3.19	31.01 -0.52 -0.65	41.48 -0.44 -3.88	31.53 -0.37 0.00	60.61 -0.57 -29.70	70.11 -0.67 -40.52	63.17 -0.67 -34.26	73.80 -0.92 -42.57	62.77 -1.00 -30.36	79.90 -1.24 -47.76	95.62 -1.78 -54.43	112.73 -3.63 -62.68	104.92 -3.50 -58.50	96.54 -3.23 -48.81	49.23 -1.28 0.00	50.03 0.03 0.00	48.98 -0.43 0.00	37.34 -1.00 0.00	38.18 -0.81 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	11.68 -0.64 0.00	2.20 -0.11 0.00	5.87 -0.34 0.00	14.39 -0.89 0.00	25.18 -1.90 0.00	23.83 -1.91 0.94	28.50 -2.20 0.19	34.13 -2.75 1.15	29.85 -2.05 0.00	21.33 -1.38 8.77	16.96 -1.30 12.00	18.27 -1.17 10.13	17.96 -1.56 12.62	22.67 -1.75 8.99	16.90 -2.33 14.16	23.32 -3.53 16.13	29.31 -5.87 18.50	25.35 -5.59 18.98	30.35 -5.18 15.43	46.04 -4.48 0.00	46.57 -3.42 0.00	45.48 -3.93 0.00	34.86 -3.49 0.00	35.93 -3.06 0.00

SAWYER___23_KV_LOAD 55526	11.68 -0.64 0.00	2.20 -0.11 0.00	5.87 -0.34 0.00	14.39 -0.89 0.00	25.18 -1.90 0.00	23.83 -1.91 0.94	28.50 -2.20 0.19	34.13 -2.75 1.15	29.85 -2.05 0.00	21.33 -1.38 8.77	16.96 -1.30 12.00	18.27 -1.17 10.13	17.96 -1.56 12.62	22.67 -1.75 8.99	16.90 -2.33 14.16	23.32 -3.53 16.13	29.31 -5.87 18.50	25.35 -5.59 18.98	30.35 -5.18 15.43	46.04 -4.48 0.00	46.57 -3.42 0.00	45.48 -3.93 0.00	34.86 -3.49 0.00	35.93 -3.06 0.00
SELKIRK___I 23801	12.72 0.39 0.00	2.39 0.08 0.00	6.45 0.23 0.00	15.82 0.53 0.00	27.91 0.83 0.00	27.49 0.81 0.00	31.74 0.85 0.00	38.96 0.92 0.00	32.50 0.60 0.00	31.95 0.47 0.00	30.64 0.39 0.00	29.94 0.35 0.00	32.60 0.47 0.00	34.00 0.58 0.00	34.03 0.64 0.00	43.84 0.87 0.00	54.87 1.20 0.00	51.07 1.19 0.03	52.22 1.26 0.00	51.72 1.20 0.00	51.19 1.20 0.00	50.46 1.05 0.00	39.14 0.79 0.00	39.77 0.78 0.00
SELKIRK___II 23799	12.67 0.34 0.00	2.38 0.07 0.00	6.42 0.21 0.00	15.75 0.47 0.00	27.78 0.69 0.00	27.35 0.67 0.00	31.60 0.71 0.00	38.87 0.84 0.00	32.48 0.59 0.00	31.94 0.46 0.00	30.67 0.41 0.00	29.97 0.38 0.00	32.61 0.47 0.00	33.94 0.52 0.00	34.02 0.63 0.00	43.85 0.88 0.00	54.85 1.18 0.00	51.06 1.17 0.03	52.06 1.10 0.00	51.49 0.97 0.00	50.97 0.98 0.00	50.25 0.84 0.00	38.98 0.64 0.00	39.60 0.61 0.00
SENECA OSWGO___HYD 24041	12.05 -0.28 0.00	2.26 -0.05 0.00	6.07 -0.14 0.00	14.91 -0.37 0.00	26.33 -0.75 0.00	25.94 -0.74 0.00	30.06 -0.83 0.00	37.02 -1.01 0.00	31.08 -0.82 0.00	30.70 -0.78 0.00	29.52 -0.74 0.00	28.85 -0.74 0.00	31.28 -0.86 0.00	32.52 -0.90 0.00	32.42 -0.96 0.00	41.71 -1.26 0.00	51.97 -1.71 0.00	48.35 -1.57 0.00	49.43 -1.52 0.00	49.14 -1.38 0.00	48.76 -1.23 0.00	47.98 -1.43 0.00	37.09 -1.25 0.00	37.72 -1.27 0.00
SENECA___115KV_TB3 355854	11.81 -0.52 0.00	2.22 -0.09 0.00	5.93 -0.28 0.00	14.55 -0.74 0.00	25.42 -1.67 0.00	24.02 -1.68 0.98	28.78 -1.91 0.20	34.51 -2.32 1.20	30.19 -1.71 0.00	21.24 -1.07 9.17	16.71 -1.00 12.54	18.10 -0.89 10.60	17.71 -1.23 13.19	22.57 -1.45 9.40	16.61 -1.98 14.80	23.06 -3.05 16.86	29.03 -5.29 19.35	25.34 -4.94 19.64	30.34 -4.44 16.17	46.77 -3.76 0.00	47.29 -2.70 0.00	46.16 -3.26 0.00	35.36 -2.98 0.00	36.43 -2.56 0.00
SENECA___ENERGY 23797	12.13 -0.20 0.00	2.28 -0.03 0.00	6.11 -0.10 0.00	15.00 -0.29 0.00	26.44 -0.64 0.00	26.25 -0.65 -0.22	30.26 -0.67 -0.04	37.56 -0.74 -0.27	31.34 -0.56 0.00	33.08 -0.44 -2.04	32.57 -0.43 -2.75	31.40 -0.52 -2.33	34.33 -0.68 -2.88	34.68 -0.79 -2.05	35.74 -0.87 -3.22	45.30 -1.36 -3.69	56.04 -2.08 -4.45	52.22 -1.89 -4.19	52.69 -1.65 -3.38	49.22 -1.30 0.00	49.03 -0.96 0.00	48.30 -1.11 0.00	37.18 -1.16 0.00	37.86 -1.13 0.00
SHOEMAKER___GT 23640	12.94 0.61 0.00	2.43 0.12 0.00	6.55 0.33 0.00	16.03 0.74 0.00	28.26 1.18 0.00	27.87 1.19 0.00	32.17 1.29 0.00	39.64 1.60 0.00	33.22 1.33 0.00	32.59 1.17 0.06	31.40 1.15 0.00	30.80 1.22 0.00	33.55 1.41 0.00	34.91 1.49 0.00	34.94 1.56 0.00	45.10 2.13 0.00	56.18 2.51 0.00	52.24 2.37 0.05	53.34 2.39 0.00	52.95 2.43 0.00	52.54 2.55 0.00	51.58 2.17 0.00	39.95 1.61 0.00	40.53 1.54 0.00
SHOEMAKR_138KV_BK 111 55601	12.94 0.61 0.00	2.43 0.12 0.00	6.55 0.33 0.00	16.03 0.75 0.00	28.26 1.18 0.00	27.87 1.19 0.00	32.18 1.30 0.00	39.65 1.61 0.00	33.25 1.35 0.00	32.62 1.20 0.06	31.45 1.19 0.00	30.84 1.26 0.00	33.60 1.46 0.00	34.96 1.54 0.00	34.98 1.60 0.00	45.15 2.18 0.00	56.25 2.57 0.00	52.29 2.42 0.05	53.37 2.42 0.00	52.97 2.45 0.00	52.54 2.56 0.00	51.59 2.18 0.00	39.95 1.61 0.00	40.53 1.54 0.00
SHOREHAM_IC_1 23715	66.78 1.04 -53.41	54.48 0.21 -51.97	43.04 0.57 -36.26	30.17 1.30 -13.58	30.73 2.13 -1.53	28.67 1.99 0.00	33.06 2.17 0.00	42.62 2.44 -2.14	53.61 2.33 -19.38	59.28 2.04 -25.76	39.46 2.39 -6.81	38.82 2.19 -7.05	35.83 2.34 -1.35	41.30 2.31 -5.57	45.47 2.51 -9.57	101.14 3.37 -54.80	102.29 4.03 -44.58	149.79 4.11 -95.76	183.73 4.18 -128.59	157.62 4.29 -102.81	70.96 4.96 -16.00	54.62 4.58 -0.64	60.84 3.42 -19.07	42.20 3.21 0.00
SHOREHAM_IC_2 23716	66.77 1.04 -53.41	54.48 0.20 -51.97	43.04 0.56 -36.26	30.17 1.30 -13.58	30.74 2.13 -1.53	28.67 1.99 0.00	33.06 2.17 0.00	42.62 2.44 -2.14	53.62 2.34 -19.38	59.29 2.05 -25.76	39.43 2.36 -6.81	38.81 2.18 -7.05	35.83 2.35 -1.35	41.30 2.31 -5.57	45.47 2.51 -9.57	101.14 3.37 -54.80	102.33 4.08 -44.58	149.80 4.12 -95.76	183.73 4.18 -128.59	157.62 4.29 -102.81	70.95 4.96 -16.00	54.62 4.57 -0.64	60.84 3.42 -19.07	42.19 3.20 0.00
SISSONVILLE___ 23735	11.77 -0.55 0.00	2.18 -0.13 0.00	5.86 -0.36 0.00	14.53 -0.76 0.00	25.95 -1.13 0.00	25.68 -1.01 0.00	29.98 -0.91 0.00	36.96 -1.07 0.00	31.03 -0.87 0.00	30.79 -0.69 0.00	29.49 -0.77 0.00	28.75 -0.84 0.00	31.16 -0.98 0.00	32.42 -0.99 0.00	32.33 -1.05 0.00	41.68 -1.30 0.00	52.33 -1.35 0.00	48.58 -1.34 0.00	49.73 -1.22 0.00	49.45 -1.07 0.00	48.77 -1.22 0.00	48.33 -1.08 0.00	37.60 -0.74 0.00	38.30 -0.68 0.00
SITHE_IND_GS1 24169	11.97 -0.35 0.00	2.25 -0.06 0.00	6.04 -0.18 0.00	14.84 -0.45 0.00	26.20 -0.88 0.00	25.81 -0.86 0.00	29.87 -1.01 0.00	36.73 -1.30 0.00	30.83 -1.07 0.00	30.47 -1.01 0.00	29.29 -0.97 0.00	28.63 -0.95 0.00	31.08 -1.06 0.00	32.29 -1.13 0.00	32.21 -1.18 0.00	41.39 -1.58 0.00	51.56 -2.11 0.00	47.99 -1.97 -0.04	49.03 -1.92 0.00	48.71 -1.81 0.00	48.32 -1.67 0.00	47.61 -1.80 0.00	36.85 -1.49 0.00	37.49 -1.50 0.00
SITHE_IND_GS2 24170	11.97 -0.35 0.00	2.25 -0.06 0.00	6.04 -0.18 0.00	14.84 -0.45 0.00	26.20 -0.88 0.00	25.81 -0.86 0.00	29.87 -1.01 0.00	36.73 -1.30 0.00	30.83 -1.07 0.00	30.47 -1.01 0.00	29.29 -0.97 0.00	28.63 -0.95 0.00	31.08 -1.06 0.00	32.29 -1.13 0.00	32.21 -1.18 0.00	41.39 -1.58 0.00	51.56 -2.11 0.00	47.99 -1.97 -0.04	49.03 -1.92 0.00	48.71 -1.81 0.00	48.32 -1.67 0.00	47.61 -1.80 0.00	36.85 -1.49 0.00	37.49 -1.50 0.00
SITHE_IND_GS3 24171	11.97 -0.35 0.00	2.25 -0.06 0.00	6.04 -0.18 0.00	14.84 -0.45 0.00	26.20 -0.88 0.00	25.81 -0.86 0.00	29.87 -1.01 0.00	36.73 -1.30 0.00	30.83 -1.07 0.00	30.47 -1.01 0.00	29.29 -0.97 0.00	28.63 -0.95 0.00	31.08 -1.06 0.00	32.29 -1.13 0.00	32.21 -1.18 0.00	41.39 -1.58 0.00	51.56 -2.11 0.00	47.99 -1.97 -0.04	49.03 -1.92 0.00	48.71 -1.81 0.00	48.32 -1.67 0.00	47.61 -1.80 0.00	36.85 -1.49 0.00	37.49 -1.50 0.00
SITHE_IND_GS4 24172	11.97 -0.35 0.00	2.25 -0.06 0.00	6.04 -0.18 0.00	14.84 -0.45 0.00	26.20 -0.88 0.00	25.81 -0.86 0.00	29.87 -1.01 0.00	36.73 -1.30 0.00	30.83 -1.07 0.00	30.47 -1.01 0.00	29.29 -0.97 0.00	28.63 -0.95 0.00	31.08 -1.06 0.00	32.29 -1.13 0.00	32.21 -1.18 0.00	41.39 -1.58 0.00	51.56 -2.11 0.00	47.99 -1.97 -0.04	49.03 -1.92 0.00	48.71 -1.81 0.00	48.32 -1.67 0.00	47.61 -1.80 0.00	36.85 -1.49 0.00	37.49 -1.50 0.00

SITHE___BATAVIA 24024	11.99 -0.34 0.00	2.25 -0.06 0.00	6.00 -0.21 0.00	14.74 -0.55 0.00	25.87 -1.21 0.00	25.07 -1.11 0.51	29.98 -0.82 0.09	36.81 -0.73 0.50	30.89 -1.01 0.00	26.38 -0.64 4.45	23.40 -0.76 6.10	23.77 -0.67 5.15	24.75 -0.98 6.41	27.82 -1.03 4.57	24.57 -1.62 7.19	32.20 -2.57 8.19	39.70 -4.61 9.37	36.01 -4.40 9.51	39.22 -3.71 8.02	47.65 -2.88 0.00	48.24 -1.76 0.00	47.14 -2.27 0.00	36.13 -2.22 0.00	37.11 -1.88 0.00
SITHE___INDEPEND 23800	11.98 -0.35 0.00	2.25 -0.06 0.00	6.04 -0.17 0.00	14.83 -0.46 0.00	26.20 -0.88 0.00	25.81 -0.86 0.00	29.87 -1.01 0.00	36.73 -1.30 0.00	30.83 -1.07 0.00	30.47 -1.01 0.00	29.28 -0.97 0.00	28.63 -0.95 0.00	31.07 -1.07 0.00	32.29 -1.13 0.00	32.21 -1.18 0.00	41.39 -1.58 0.00	51.55 -2.12 0.00	47.98 -1.98 -0.04	49.02 -1.93 0.00	48.71 -1.81 0.00	48.32 -1.67 0.00	47.61 -1.80 0.00	36.85 -1.49 0.00	37.49 -1.50 0.00
SITHE___MASSENA 23902	12.11 -0.22 0.00	2.25 -0.06 0.00	6.05 -0.16 0.00	14.99 -0.30 0.00	26.74 -0.34 0.00	26.41 -0.27 0.00	30.72 -0.17 0.00	37.85 -0.18 0.00	31.78 -0.12 0.00	31.51 0.03 0.00	30.23 -0.03 0.00	29.53 -0.05 0.00	32.05 -0.09 0.00	33.36 -0.06 0.00	33.23 -0.15 0.00	42.75 -0.22 0.00	53.60 -0.08 0.00	49.75 -0.18 0.00	50.84 -0.12 0.00	50.56 0.04 0.00	49.89 -0.10 0.00	49.45 0.04 0.00	38.48 0.14 0.00	39.25 0.26 0.00
SITHE___OGDNSBRG 24021	12.14 -0.19 0.00	2.25 -0.06 0.00	6.05 -0.16 0.00	15.01 -0.29 0.00	26.81 -0.27 0.00	26.49 -0.19 0.00	30.94 0.05 0.00	38.13 0.10 0.00	31.96 0.06 0.00	31.67 0.19 0.00	30.28 0.02 0.00	29.47 -0.12 0.00	31.90 -0.24 0.00	33.15 -0.27 0.00	33.09 -0.29 0.00	42.79 -0.18 0.00	53.77 0.10 0.00	50.01 0.09 0.00	51.25 0.30 0.00	51.05 0.54 0.00	50.39 0.40 0.00	49.89 0.48 0.00	38.78 0.44 0.00	39.51 0.52 0.00
SITHE___STERLING 23777	12.55 0.22 0.00	2.35 0.04 0.00	6.32 0.10 0.00	15.53 0.24 0.00	27.42 0.34 0.00	27.05 0.37 0.00	31.44 0.55 0.00	38.82 0.78 0.00	32.58 0.67 0.00	32.21 0.73 0.00	30.94 0.69 0.00	30.23 0.65 0.00	32.83 0.69 0.00	34.10 0.68 0.00	34.09 0.71 0.00	43.90 0.93 0.00	54.76 1.09 0.00	50.97 1.05 0.00	52.13 1.18 0.00	51.75 1.23 0.00	51.27 1.28 0.00	50.48 1.07 0.00	39.00 0.65 0.00	39.59 0.60 0.00
SLEIGHT__34_KV_TB1 80719	12.03 -0.30 0.00	2.26 -0.05 0.00	6.05 -0.17 0.00	14.85 -0.44 0.00	26.18 -0.90 0.00	25.80 -0.87 0.00	30.00 -0.88 0.00	36.96 -1.07 0.00	31.12 -0.78 0.00	30.89 -0.59 0.00	29.65 -0.61 0.00	28.98 -0.60 0.00	31.35 -0.79 0.00	32.54 -0.87 0.00	32.25 -1.14 0.00	41.25 -1.72 0.00	51.00 -2.68 0.00	47.54 -2.51 -0.13	48.47 -2.23 0.25	48.72 -1.80 0.00	48.59 -1.40 0.00	47.70 -1.71 0.00	36.68 -1.67 0.00	37.41 -1.58 0.00
SMITHTWN_69_KV_BK 1 55830	67.00 1.05 -53.61	54.67 0.21 -52.15	43.17 0.56 -36.39	30.21 1.29 -13.63	30.70 2.09 -1.53	28.66 1.98 0.00	33.02 2.13 0.00	42.68 2.49 -2.15	53.68 2.31 -19.47	59.50 2.14 -25.89	39.44 2.32 -6.86	38.80 2.15 -7.07	35.88 2.39 -1.36	41.41 2.41 -5.59	45.62 2.63 -9.60	101.55 3.57 -55.00	102.80 4.34 -44.78	150.41 4.39 -96.10	184.44 4.44 -129.05	158.27 4.59 -103.17	71.16 5.07 -16.09	54.73 4.67 -0.65	61.02 3.51 -19.16	42.28 3.29 0.00
SOUTH CAIRO___GT 23612	12.96 0.63 0.00	2.44 0.13 0.00	6.56 0.34 0.00	16.10 0.81 0.00	28.40 1.32 0.00	28.01 1.33 0.00	32.45 1.57 0.00	39.92 1.88 0.00	33.09 1.19 0.00	32.30 0.82 0.00	30.89 0.63 0.00	30.18 0.60 0.00	32.92 0.78 0.00	34.51 1.10 0.00	34.55 1.16 0.00	44.38 1.40 0.00	55.55 1.87 0.00	51.71 1.83 0.04	53.24 2.29 0.00	53.08 2.56 0.00	52.66 2.67 0.00	51.87 2.45 0.00	40.09 1.74 0.00	40.62 1.63 0.00
SOUTH HAMPTN___IC 23720	66.68 1.01 -53.34	54.41 0.20 -51.91	43.01 0.58 -36.22	30.19 1.33 -13.57	30.85 2.25 -1.52	28.73 2.04 0.00	33.23 2.34 0.00	42.79 2.61 -2.14	53.84 2.59 -19.35	59.38 2.19 -25.71	39.69 2.64 -6.79	39.15 2.53 -7.04	36.22 2.74 -1.35	41.66 2.68 -5.56	45.77 2.82 -9.56	101.42 3.72 -54.73	102.61 4.42 -44.51	149.84 4.27 -95.65	183.46 4.07 -128.44	157.33 4.12 -102.68	71.04 5.09 -15.96	54.73 4.69 -0.63	60.85 3.47 -19.04	42.15 3.16 0.00
SOUTHDOW_115KV_TB1 355954	12.24 -0.09 0.00	2.30 0.00 0.00	6.15 -0.06 0.00	15.05 -0.23 0.00	26.22 -0.87 0.00	25.29 -0.82 0.57	29.97 -0.78 0.14	36.78 -0.41 0.85	31.75 -0.15 0.00	25.41 0.40 6.47	21.81 0.40 8.84	22.53 0.42 7.47	23.05 0.21 9.30	26.57 -0.22 6.63	22.02 -0.93 10.43	29.23 -1.85 11.89	36.40 -3.84 13.44	34.94 -3.13 11.85	38.97 -2.20 9.78	49.07 -1.45 0.00	49.41 -0.59 0.00	47.99 -1.42 0.00	36.58 -1.76 0.00	37.81 -1.18 0.00
SOUTHOLD_69_KV_BK 2 55809	66.57 0.90 -53.34	54.39 0.18 -51.91	42.97 0.54 -36.22	30.14 1.29 -13.57	30.82 2.22 -1.52	28.62 1.94 0.00	33.23 2.34 0.00	42.73 2.55 -2.14	53.96 2.71 -19.35	59.36 2.17 -25.71	39.82 2.76 -6.80	39.39 2.76 -7.04	36.51 3.03 -1.35	41.90 2.92 -5.56	45.96 3.01 -9.56	101.58 3.88 -54.73	102.77 4.58 -44.51	149.43 3.86 -95.65	182.25 2.86 -128.45	156.06 2.86 -102.69	70.84 4.89 -15.96	54.51 4.47 -0.63	60.65 3.28 -19.04	41.85 2.86 0.00
SOUTHOLD___IC 23719	66.57 0.90 -53.34	54.39 0.18 -51.91	42.98 0.55 -36.22	30.14 1.29 -13.57	30.82 2.22 -1.52	28.62 1.94 0.00	33.23 2.34 0.00	42.72 2.55 -2.14	53.95 2.71 -19.35	59.35 2.16 -25.71	39.84 2.79 -6.80	39.39 2.76 -7.04	36.51 3.02 -1.35	41.90 2.92 -5.56	45.96 3.01 -9.56	101.58 3.87 -54.73	102.72 4.53 -44.51	149.43 3.86 -95.65	182.25 2.85 -128.45	156.05 2.85 -102.69	70.84 4.88 -15.96	54.51 4.47 -0.63	60.66 3.28 -19.04	41.86 2.87 0.00
SOUTH_FORK_WT_PWR 323839	66.41 0.74 -53.34	54.36 0.15 -51.91	42.92 0.49 -36.22	30.02 1.16 -13.57	30.65 2.04 -1.52	28.37 1.69 0.00	33.02 2.13 0.00	42.39 2.21 -2.14	53.81 2.57 -19.35	59.12 1.93 -25.71	39.79 2.73 -6.79	39.42 2.80 -7.04	36.59 3.10 -1.35	41.91 2.94 -5.56	45.91 2.96 -9.56	101.43 3.73 -54.73	102.46 4.27 -44.51	149.16 3.59 -95.65	182.14 2.75 -128.44	155.79 2.58 -102.69	70.22 4.26 -15.96	53.95 3.90 -0.63	60.21 2.83 -19.04	41.34 2.35 0.00
SPIERFLS_115KV_TB 1 80737	12.99 0.65 0.00	2.44 0.14 0.00	6.58 0.36 0.00	16.15 0.86 0.00	28.43 1.35 0.00	28.05 1.37 0.00	32.62 1.73 0.00	40.16 2.12 0.00	33.35 1.45 0.00	32.82 1.34 0.00	31.59 1.33 0.00	30.69 1.11 0.00	33.33 1.19 0.00	34.62 1.20 0.00	34.79 1.40 0.00	44.58 1.61 0.00	56.10 2.43 0.00	52.19 2.31 0.03	53.31 2.35 0.00	53.06 2.54 0.00	52.46 2.46 0.00	51.92 2.51 0.00	40.15 1.81 0.00	40.54 1.54 0.00
ST LAWRENCE____ 23600	12.07 -0.26 0.00	2.25 -0.06 0.00	6.04 -0.18 0.00	14.94 -0.35 0.00	26.64 -0.44 0.00	26.26 -0.42 0.00	30.52 -0.37 0.00	37.65 -0.38 0.00	31.61 -0.29 0.00	31.27 -0.21 0.00	30.02 -0.24 0.00	29.34 -0.25 0.00	31.86 -0.28 0.00	33.17 -0.25 0.00	33.04 -0.34 0.00	42.49 -0.48 0.00	53.25 -0.42 0.00	49.49 -0.43 0.00	50.55 -0.40 0.00	50.23 -0.29 0.00	49.57 -0.43 0.00	49.16 -0.25 0.00	38.21 -0.13 0.00	38.97 -0.02 0.00

STATE_CA_115KV_115_LB 55624	12.70 0.37 0.00	2.39 0.08 0.00	6.44 0.23 0.00	15.80 0.51 0.00	27.85 0.77 0.00	27.42 0.74 0.00	31.70 0.82 0.00	39.00 0.96 0.00	32.54 0.64 0.00	31.97 0.49 0.00	30.72 0.46 0.00	30.03 0.45 0.00	32.69 0.55 0.00	34.00 0.58 0.00	34.09 0.70 0.00	43.97 1.00 0.00	54.99 1.31 0.00	51.25 1.37 0.03	52.26 1.30 0.00	51.51 0.99 0.00	51.06 1.07 0.00	50.34 0.93 0.00	39.03 0.69 0.00	39.64 0.65 0.00
STATE_ST_34_KV_LOAD 55959	12.30 -0.03 0.00	2.31 0.00 0.00	6.19 -0.02 0.00	15.20 -0.09 0.00	26.90 -0.18 0.00	26.52 -0.16 0.00	30.78 -0.11 0.00	37.87 -0.17 0.00	31.82 -0.08 0.00	31.43 -0.05 0.00	30.20 -0.05 0.00	29.40 -0.19 0.00	31.84 -0.30 0.00	33.07 -0.35 0.00	32.92 -0.46 0.00	42.44 -0.72 -0.18	55.22 -0.92 -2.46	51.50 -0.74 -2.32	52.65 -0.53 -2.23	50.22 -0.30 0.00	49.74 -0.26 0.00	49.04 -0.37 0.00	37.85 -0.50 0.00	38.51 -0.48 0.00
STATION_5_MISC_HYD 23604	12.00 -0.33 0.00	2.25 -0.06 0.00	6.03 -0.18 0.00	14.81 -0.48 0.00	26.05 -1.03 0.00	25.68 -1.00 0.00	29.81 -1.08 0.00	36.69 -1.34 0.00	30.93 -0.97 0.00	30.82 -0.66 0.00	29.57 -0.69 0.00	28.99 -0.59 0.00	31.32 -0.82 0.00	32.54 -0.88 0.00	32.13 -1.25 0.00	41.02 -1.96 0.00	50.37 -3.31 0.00	46.83 -3.24 -0.15	47.56 -2.94 0.46	48.15 -2.37 0.00	48.24 -1.76 0.00	47.29 -2.13 0.00	36.30 -2.05 0.00	37.14 -1.85 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	12.08 -0.24 0.00	2.27 -0.04 0.00	6.08 -0.13 0.00	14.93 -0.36 0.00	26.29 -0.79 0.00	25.88 -0.80 0.00	30.09 -0.80 0.00	37.10 -0.93 0.00	31.23 -0.67 0.00	30.98 -0.50 0.00	29.72 -0.54 0.00	29.06 -0.52 0.00	31.40 -0.74 0.00	32.62 -0.80 0.00	32.34 -1.04 0.00	41.36 -1.61 0.00	50.99 -2.68 0.00	47.51 -2.50 -0.09	48.24 -2.19 0.52	48.83 -1.69 0.00	48.79 -1.20 0.00	47.88 -1.53 0.00	36.82 -1.53 0.00	37.56 -1.43 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	11.95 -0.38 0.00	2.24 -0.07 0.00	6.00 -0.21 0.00	14.74 -0.54 0.00	25.95 -1.13 0.00	25.57 -1.11 0.00	29.69 -1.19 0.00	36.54 -1.49 0.00	30.81 -1.09 0.00	30.67 -0.81 0.00	29.42 -0.84 0.00	28.86 -0.73 0.00	31.17 -0.97 0.00	32.38 -1.04 0.00	31.98 -1.40 0.00	40.85 -2.12 0.00	50.17 -3.50 0.00	46.70 -3.36 -0.13	47.43 -3.07 0.45	48.00 -2.52 0.00	48.08 -1.91 0.00	47.13 -2.28 0.00	36.21 -2.14 0.00	37.01 -1.98 0.00
STA_56___34_KV_BUS2 355983	11.95 -0.38 0.00	2.24 -0.07 0.00	6.00 -0.21 0.00	14.74 -0.54 0.00	25.95 -1.13 0.00	25.57 -1.11 0.00	29.69 -1.19 0.00	36.54 -1.49 0.00	30.81 -1.09 0.00	30.67 -0.81 0.00	29.42 -0.84 0.00	28.86 -0.73 0.00	31.17 -0.97 0.00	32.38 -1.04 0.00	31.98 -1.40 0.00	40.85 -2.12 0.00	50.17 -3.50 0.00	46.70 -3.36 -0.13	47.43 -3.07 0.45	48.00 -2.52 0.00	48.08 -1.91 0.00	47.13 -2.28 0.00	36.21 -2.14 0.00	37.01 -1.98 0.00
STA_67___115KV_BK2 355882	11.97 -0.35 0.00	2.25 -0.06 0.00	6.02 -0.19 0.00	14.78 -0.50 0.00	26.01 -1.07 0.00	25.62 -1.06 0.00	29.74 -1.14 0.00	36.60 -1.43 0.00	30.86 -1.04 0.00	30.73 -0.75 0.00	29.48 -0.78 0.00	28.92 -0.66 0.00	31.23 -0.91 0.00	32.44 -0.98 0.00	32.02 -1.37 0.00	40.88 -2.09 0.00	50.14 -3.54 0.00	46.68 -3.40 -0.15	47.40 -3.09 0.46	48.00 -2.52 0.00	48.12 -1.87 0.00	47.17 -2.24 0.00	36.22 -2.12 0.00	37.05 -1.94 0.00
STA_7___115KV_9TRANS 80674	12.06 -0.27 0.00	2.26 -0.05 0.00	6.06 -0.16 0.00	14.87 -0.42 0.00	26.16 -0.92 0.00	25.78 -0.90 0.00	29.95 -0.93 0.00	36.87 -1.16 0.00	31.09 -0.81 0.00	30.96 -0.52 0.00	29.69 -0.57 0.00	29.13 -0.45 0.00	31.45 -0.68 0.00	32.69 -0.73 0.00	32.26 -1.13 0.00	41.19 -1.78 0.00	50.51 -3.17 0.00	47.04 -3.02 -0.15	47.81 -2.69 0.46	48.41 -2.11 0.00	48.52 -1.47 0.00	47.54 -1.87 0.00	36.50 -1.85 0.00	37.32 -1.67 0.00
STA_82___115KV_TB1 80780	11.97 -0.35 0.00	2.25 -0.06 0.00	6.02 -0.19 0.00	14.78 -0.50 0.00	26.01 -1.07 0.00	25.62 -1.06 0.00	29.75 -1.14 0.00	36.60 -1.43 0.00	30.86 -1.03 0.00	30.72 -0.76 0.00	29.48 -0.78 0.00	28.91 -0.67 0.00	31.21 -0.93 0.00	32.43 -0.98 0.00	32.01 -1.37 0.00	40.88 -2.09 0.00	50.13 -3.55 0.00	46.63 -3.40 -0.12	47.39 -3.10 0.46	48.00 -2.52 0.00	48.13 -1.86 0.00	47.17 -2.24 0.00	36.22 -2.12 0.00	37.07 -1.92 0.00
STEEL___WIND 323596	11.79 -0.54 0.00	2.21 -0.09 0.00	5.92 -0.30 0.00	14.52 -0.77 0.00	25.37 -1.71 0.00	23.98 -1.72 0.98	28.72 -1.97 0.20	34.45 -2.38 1.20	30.12 -1.78 0.00	21.19 -1.12 9.17	16.67 -1.04 12.54	18.04 -0.94 10.60	17.65 -1.30 13.19	22.52 -1.49 9.40	16.56 -2.03 14.80	23.01 -3.10 16.86	29.04 -5.28 19.35	25.28 -5.00 19.64	30.29 -4.50 16.17	46.67 -3.85 0.00	47.23 -2.77 0.00	46.08 -3.33 0.00	35.32 -3.02 0.00	36.38 -2.61 0.00
STEPHTWN_115KV_BK_2 55603	12.74 0.41 0.00	2.40 0.09 0.00	6.48 0.27 0.00	15.89 0.60 0.00	27.98 0.90 0.00	27.60 0.92 0.00	31.95 1.06 0.00	39.27 1.23 0.00	32.67 0.77 0.00	32.08 0.60 0.00	30.79 0.53 0.00	30.11 0.53 0.00	32.86 0.72 0.00	34.17 0.75 0.00	34.30 0.91 0.00	44.24 1.27 0.00	55.56 1.88 0.00	51.60 1.71 0.03	52.61 1.66 0.00	51.95 1.43 0.00	51.45 1.45 0.00	50.67 1.26 0.00	39.26 0.91 0.00	39.87 0.88 0.00
STEBUBEN_REC_LFGE 323667	12.16 -0.17 0.00	2.27 -0.04 0.00	6.08 -0.13 0.00	14.96 -0.33 0.00	25.93 -1.15 0.00	27.27 -1.50 -2.09	29.80 -1.52 -0.43	39.22 -1.37 -2.56	30.76 -1.14 0.00	49.98 -1.06 -19.56	55.61 -1.19 -26.55	50.78 -1.29 -22.48	58.55 -1.45 -27.85	51.69 -1.60 -19.88	62.90 -1.72 -31.22	76.27 -2.35 -35.65	91.15 -4.44 -41.91	84.20 -4.45 -38.72	77.82 -3.85 -30.72	48.50 -2.02 0.00	49.33 -0.66 0.00	48.24 -1.17 0.00	36.74 -1.61 0.00	37.60 -1.39 0.00
STILLWATER___SOLAR 323814	12.95 0.62 0.00	2.44 0.13 0.00	6.57 0.35 0.00	16.10 0.82 0.00	28.38 1.30 0.00	27.98 1.30 0.00	32.44 1.56 0.00	39.87 1.84 0.00	33.18 1.28 0.00	32.63 1.15 0.00	31.35 1.10 0.00	30.59 1.00 0.00	33.22 1.09 0.00	34.55 1.13 0.00	34.66 1.28 0.00	44.48 1.51 0.00	55.92 2.25 0.00	52.02 2.13 0.03	53.11 2.16 0.00	52.84 2.32 0.00	52.22 2.23 0.00	51.58 2.17 0.00	39.96 1.62 0.00	40.48 1.49 0.00
STONY___BROOK 24151	66.95 1.07 -53.55	54.61 0.21 -52.09	43.13 0.57 -36.35	30.20 1.30 -13.62	30.72 2.11 -1.53	28.66 1.98 0.00	33.03 2.14 0.00	42.67 2.49 -2.15	53.64 2.30 -19.44	59.46 2.13 -25.85	39.46 2.36 -6.85	38.81 2.17 -7.07	35.88 2.39 -1.35	41.40 2.40 -5.59	45.59 2.61 -9.60	101.47 3.56 -54.94	102.66 4.26 -44.72	150.25 4.33 -96.00	184.24 4.37 -128.91	158.11 4.53 -103.05	71.10 5.03 -16.08	54.71 4.65 -0.65	60.98 3.50 -19.14	42.28 3.29 0.00
STURGEON_POOL_HYD 23609	13.04 0.71 0.00	2.45 0.14 0.00	6.60 0.39 0.00	16.17 0.88 0.00	28.48 1.40 0.00	28.09 1.42 0.00	32.43 1.54 0.00	39.98 1.95 0.00	33.55 1.65 0.00	32.95 1.47 0.00	31.75 1.49 0.00	31.14 1.56 0.00	33.95 1.81 0.00	35.32 1.90 0.00	35.36 1.98 0.00	45.58 2.61 0.00	56.77 3.09 0.00	52.82 2.94 0.04	53.85 2.90 0.00	53.47 2.95 0.00	53.05 3.06 0.00	52.06 2.64 0.00	40.31 1.97 0.00	40.86 1.87 0.00

ST_LAW_115_BK7_LBMP 345037	12.04 -0.28 0.00	2.24 -0.07 0.00	6.02 -0.19 0.00	14.91 -0.38 0.00	26.60 -0.48 0.00	26.23 -0.46 0.00	30.49 -0.40 0.00	37.61 -0.43 0.00	31.57 -0.33 0.00	31.25 -0.23 0.00	29.99 -0.26 0.00	29.31 -0.28 0.00	31.83 -0.31 0.00	33.13 -0.28 0.00	33.00 -0.38 0.00	42.45 -0.52 0.00	53.20 -0.48 0.00	49.44 -0.48 0.00	50.52 -0.44 0.00	50.19 -0.33 0.00	49.53 -0.46 0.00	49.13 -0.29 0.00	38.20 -0.15 0.00	38.94 -0.05 0.00
ST_LAW_115_BK8_LBMP 345038	12.04 -0.28 0.00	2.24 -0.07 0.00	6.02 -0.19 0.00	14.91 -0.38 0.00	26.60 -0.48 0.00	26.23 -0.46 0.00	30.49 -0.40 0.00	37.61 -0.43 0.00	31.57 -0.33 0.00	31.25 -0.23 0.00	29.99 -0.26 0.00	29.31 -0.28 0.00	31.83 -0.31 0.00	33.13 -0.28 0.00	33.00 -0.38 0.00	42.45 -0.52 0.00	53.20 -0.48 0.00	49.44 -0.48 0.00	50.52 -0.44 0.00	50.19 -0.33 0.00	49.53 -0.46 0.00	49.13 -0.29 0.00	38.20 -0.15 0.00	38.94 -0.05 0.00
ST_LAW_230_BK5_LBMP 345035	12.07 -0.26 0.00	2.25 -0.06 0.00	6.04 -0.18 0.00	14.94 -0.35 0.00	26.64 -0.44 0.00	26.26 -0.42 0.00	30.52 -0.37 0.00	37.65 -0.38 0.00	31.61 -0.29 0.00	31.27 -0.21 0.00	30.02 -0.24 0.00	29.34 -0.25 0.00	31.86 -0.28 0.00	33.17 -0.25 0.00	33.04 -0.34 0.00	42.49 -0.48 0.00	53.25 -0.42 0.00	49.49 -0.43 0.00	50.55 -0.40 0.00	50.23 -0.29 0.00	49.57 -0.43 0.00	49.16 -0.25 0.00	38.21 -0.13 0.00	38.97 -0.02 0.00
ST_LAW_230_BK6_LBMP 345036	12.07 -0.26 0.00	2.25 -0.06 0.00	6.04 -0.18 0.00	14.94 -0.35 0.00	26.64 -0.44 0.00	26.26 -0.42 0.00	30.52 -0.37 0.00	37.65 -0.38 0.00	31.61 -0.29 0.00	31.27 -0.21 0.00	30.02 -0.24 0.00	29.34 -0.25 0.00	31.86 -0.28 0.00	33.17 -0.25 0.00	33.04 -0.34 0.00	42.49 -0.48 0.00	53.25 -0.42 0.00	49.49 -0.43 0.00	50.55 -0.40 0.00	50.23 -0.29 0.00	49.57 -0.43 0.00	49.16 -0.25 0.00	38.21 -0.13 0.00	38.97 -0.02 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	12.99 0.66 0.00	2.44 0.13 0.00	6.57 0.36 0.00	16.09 0.80 0.00	28.36 1.28 0.00	27.98 1.30 0.00	32.32 1.43 0.00	39.83 1.79 0.00	33.42 1.52 0.00	32.76 1.35 0.07	31.65 1.39 0.00	31.06 1.48 0.00	33.86 1.72 0.00	35.21 1.79 0.00	35.23 1.84 0.00	45.46 2.49 0.00	56.62 2.94 0.00	52.64 2.77 0.05	53.68 2.73 0.00	53.26 2.75 0.00	52.83 2.84 0.00	51.84 2.43 0.00	40.13 1.79 0.00	40.69 1.70 0.00
SWANROAD_115KV_TB1 355699	11.47 -0.86 0.00	2.15 -0.16 0.00	5.74 -0.48 0.00	14.08 -1.21 0.00	24.67 -2.41 0.00	23.67 -2.26 0.75	28.01 -2.72 0.15	33.62 -3.49 0.92	29.18 -2.71 0.00	22.75 -1.74 6.99	19.07 -1.64 9.56	20.01 -1.50 8.07	20.15 -1.94 10.05	24.11 -2.15 7.16	19.38 -2.73 11.27	26.08 -4.05 12.84	32.40 -6.55 14.73	28.33 -6.35 15.24	32.63 -5.95 12.37	44.85 -5.67 0.00	45.44 -4.56 0.00	44.37 -5.04 0.00	34.12 -4.22 0.00	35.25 -3.74 0.00
SYNERGY___BIOGAS 323694	11.98 -0.34 0.00	2.25 -0.06 0.00	6.00 -0.21 0.00	14.74 -0.55 0.00	25.87 -1.21 0.00	25.06 -1.12 0.51	29.99 -0.81 0.09	36.80 -0.74 0.50	30.89 -1.01 0.00	26.36 -0.67 4.45	23.38 -0.78 6.10	23.76 -0.68 5.15	24.72 -1.01 6.41	27.79 -1.05 4.57	24.53 -1.66 7.19	32.15 -2.63 8.19	39.63 -4.67 9.37	35.96 -4.45 9.51	39.15 -3.78 8.02	47.64 -2.88 0.00	48.24 -1.76 0.00	47.14 -2.27 0.00	36.13 -2.21 0.00	37.11 -1.88 0.00
SYRACUSE___ENERGY_ST1 323597	12.22 -0.10 0.00	2.29 -0.02 0.00	6.16 -0.05 0.00	15.13 -0.15 0.00	26.71 -0.37 0.00	26.32 -0.36 0.00	30.50 -0.38 0.00	37.55 -0.48 0.00	31.53 -0.37 0.00	31.14 -0.34 0.00	29.97 -0.29 0.00	29.27 -0.32 0.00	31.74 -0.40 0.00	32.98 -0.44 0.00	32.89 -0.50 0.00	42.25 -0.72 0.00	52.63 -1.05 0.00	49.01 -0.91 0.00	50.14 -0.81 0.00	49.86 -0.66 0.00	49.44 -0.55 0.00	48.66 -0.75 0.00	37.60 -0.74 0.00	38.25 -0.74 0.00
SYRACUSE___ENERGY_ST2 323598	12.22 -0.10 0.00	2.29 -0.02 0.00	6.16 -0.05 0.00	15.13 -0.15 0.00	26.71 -0.37 0.00	26.32 -0.36 0.00	30.50 -0.38 0.00	37.55 -0.48 0.00	31.53 -0.37 0.00	31.14 -0.34 0.00	29.97 -0.29 0.00	29.27 -0.32 0.00	31.74 -0.40 0.00	32.98 -0.44 0.00	32.89 -0.50 0.00	42.25 -0.72 0.00	52.63 -1.05 0.00	49.01 -0.91 0.00	50.14 -0.81 0.00	49.86 -0.66 0.00	49.44 -0.55 0.00	48.66 -0.75 0.00	37.60 -0.74 0.00	38.25 -0.74 0.00
SYRACUSE___POWER 24017	12.27 -0.06 0.00	2.30 -0.01 0.00	6.19 -0.02 0.00	15.20 -0.09 0.00	26.81 -0.27 0.00	26.42 -0.26 0.00	30.60 -0.29 0.00	37.70 -0.33 0.00	31.65 -0.24 0.00	31.31 -0.17 0.00	30.11 -0.15 0.00	29.43 -0.15 0.00	31.94 -0.20 0.00	33.17 -0.25 0.00	33.08 -0.30 0.00	42.50 -0.47 0.00	52.89 -0.79 0.00	49.21 -0.71 0.00	50.53 -0.61 -0.19	50.06 -0.46 0.00	49.68 -0.31 0.00	48.87 -0.54 0.00	37.75 -0.59 0.00	38.40 -0.59 0.00
TALLMAN_138KV_BK151 55660	13.05 0.72 0.00	2.45 0.14 0.00	6.60 0.38 0.00	16.15 0.87 0.00	28.46 1.38 0.00	28.09 1.41 0.00	32.43 1.55 0.00	39.99 1.95 0.00	33.59 1.70 0.00	32.89 1.52 0.10	31.83 1.57 0.00	31.27 1.69 0.00	34.11 1.97 0.00	35.45 2.03 0.00	35.48 2.09 0.00	45.80 2.82 0.00	56.98 3.31 0.00	52.98 3.10 0.04	53.95 2.99 0.00	53.51 2.99 0.00	53.10 3.11 0.00	52.05 2.64 0.00	40.29 1.95 0.00	40.84 1.85 0.00
TEALLAVE_115KV_TB7 355573	12.20 -0.12 0.00	2.29 -0.02 0.00	6.16 -0.06 0.00	15.12 -0.17 0.00	26.67 -0.41 0.00	26.28 -0.40 0.00	30.44 -0.45 0.00	37.48 -0.55 0.00	31.49 -0.41 0.00	31.14 -0.34 0.00	29.94 -0.31 0.00	29.28 -0.30 0.00	31.77 -0.37 0.00	32.99 -0.43 0.00	32.90 -0.48 0.00	42.28 -0.70 0.00	52.61 -1.06 0.00	48.93 -0.99 0.00	50.04 -0.91 0.00	49.74 -0.78 0.00	49.37 -0.62 0.00	48.57 -0.84 0.00	37.54 -0.81 0.00	38.18 -0.81 0.00
TELGRAPH_34_KV_EAST 80808	11.74 -0.59 0.00	2.20 -0.11 0.00	5.88 -0.34 0.00	14.43 -0.86 0.00	25.29 -1.79 0.00	24.36 -1.69 0.63	28.74 -2.01 0.13	34.66 -2.59 0.79	30.08 -1.82 0.00	24.54 -1.15 5.79	21.22 -1.12 7.92	21.92 -0.98 6.69	22.45 -1.37 8.33	25.97 -1.51 5.94	21.96 -2.08 9.34	29.13 -3.20 10.64	36.03 -5.45 12.19	32.22 -5.22 12.48	35.90 -4.74 10.31	46.35 -4.17 0.00	46.92 -3.08 0.00	45.82 -3.60 0.00	35.17 -3.17 0.00	36.22 -2.77 0.00
TEMPLE___115KV_TB 2 55572	12.21 -0.12 0.00	2.29 -0.02 0.00	6.16 -0.05 0.00	15.13 -0.15 0.00	26.70 -0.39 0.00	26.29 -0.39 0.00	30.46 -0.43 0.00	37.51 -0.52 0.00	31.50 -0.40 0.00	31.16 -0.31 0.00	29.97 -0.29 0.00	29.31 -0.28 0.00	31.80 -0.34 0.00	33.02 -0.40 0.00	32.94 -0.45 0.00	42.32 -0.65 0.00	52.65 -1.03 0.00	48.97 -0.95 0.00	50.06 -0.89 0.00	49.78 -0.74 0.00	49.40 -0.59 0.00	48.59 -0.82 0.00	37.55 -0.79 0.00	38.20 -0.79 0.00
TIANA___69_KV_BK 1 55817	66.70 1.04 -53.34	54.42 0.20 -51.91	43.01 0.58 -36.22	30.20 1.34 -13.57	30.85 2.25 -1.52	28.75 2.07 0.00	33.21 2.32 0.00	42.80 2.63 -2.14	53.81 2.56 -19.35	59.38 2.18 -25.71	39.61 2.56 -6.80	39.07 2.44 -7.04	36.12 2.64 -1.35	41.58 2.60 -5.56	45.70 2.76 -9.56	101.36 3.66 -54.73	102.60 4.41 -44.51	149.88 4.31 -95.65	183.59 4.19 -128.44	157.48 4.28 -102.69	71.09 5.14 -15.96	54.78 4.73 -0.63	60.89 3.51 -19.04	42.23 3.24 0.00

TILDEN___115KV_TB1 80814	12.27 -0.06 0.00	2.30 -0.01 0.00	6.19 -0.02 0.00	15.20 -0.09 0.00	26.81 -0.27 0.00	26.42 -0.26 0.00	30.60 -0.29 0.00	37.70 -0.33 0.00	31.65 -0.24 0.00	31.31 -0.17 0.00	30.11 -0.15 0.00	29.43 -0.15 0.00	31.94 -0.20 0.00	33.17 -0.25 0.00	33.08 -0.30 0.00	42.50 -0.47 0.00	52.89 -0.79 0.00	49.21 -0.71 0.00	50.53 -0.61 -0.19	50.06 -0.46 0.00	49.68 -0.31 0.00	48.87 -0.54 0.00	37.75 -0.59 0.00	38.40 -0.59 0.00
TRIGEN___CC 323695	113.97 0.91 -100.73	97.25 0.18 -94.76	72.81 0.48 -66.12	41.13 1.08 -24.77	31.61 1.75 -2.78	28.41 1.73 0.00	32.77 1.87 -0.01	44.57 2.29 -4.25	72.90 2.03 -38.97	88.19 1.88 -54.84	49.34 1.98 -17.11	44.47 2.03 -12.85	36.89 2.30 -2.46	45.93 2.35 -10.16	53.32 2.48 -17.45	148.58 3.31 -102.30	146.71 3.84 -89.19	228.21 3.72 -174.57	288.43 3.69 -233.79	241.58 3.75 -187.30	89.37 4.09 -35.29	55.29 3.68 -2.20	79.14 2.82 -37.97	41.63 2.64 0.00
TRINITY___115KV__4 BK 55933	12.66 0.33 0.00	2.38 0.07 0.00	6.42 0.21 0.00	15.75 0.47 0.00	27.77 0.69 0.00	27.34 0.66 0.00	31.60 0.71 0.00	38.88 0.84 0.00	32.42 0.53 0.00	31.85 0.37 0.00	30.59 0.33 0.00	29.89 0.31 0.00	32.53 0.39 0.00	33.80 0.39 0.00	33.93 0.55 0.00	43.83 0.85 0.00	54.92 1.25 0.00	51.11 1.22 0.03	52.00 1.04 0.00	51.30 0.78 0.00	50.84 0.84 0.00	50.15 0.73 0.00	38.91 0.57 0.00	39.51 0.52 0.00
UNION___PROCESSING_DRP 323587	11.98 -0.35 0.00	2.25 -0.06 0.00	6.02 -0.19 0.00	14.78 -0.50 0.00	26.01 -1.07 0.00	25.62 -1.06 0.00	29.75 -1.13 0.00	36.61 -1.42 0.00	30.87 -1.03 0.00	30.73 -0.75 0.00	29.48 -0.78 0.00	28.91 -0.67 0.00	31.22 -0.92 0.00	32.44 -0.98 0.00	32.01 -1.37 0.00	40.88 -2.09 0.00	50.13 -3.55 0.00	46.62 -3.40 -0.10	47.40 -3.09 0.46	48.02 -2.51 0.00	48.14 -1.85 0.00	47.19 -2.22 0.00	36.23 -2.11 0.00	37.08 -1.91 0.00
UPPER HUDSON___HYD 24058	12.98 0.65 0.00	2.44 0.14 0.00	6.58 0.36 0.00	16.15 0.86 0.00	28.43 1.35 0.00	28.05 1.37 0.00	32.62 1.73 0.00	40.15 2.12 0.00	33.35 1.45 0.00	32.82 1.34 0.00	31.59 1.33 0.00	30.69 1.11 0.00	33.33 1.19 0.00	34.62 1.20 0.00	34.78 1.40 0.00	44.58 1.61 0.00	56.10 2.43 0.00	52.20 2.31 0.03	53.31 2.35 0.00	53.06 2.54 0.00	52.45 2.46 0.00	51.92 2.51 0.00	40.15 1.81 0.00	40.53 1.54 0.00
UPPER RAQUET___HYD 24056	11.77 -0.55 0.00	2.18 -0.13 0.00	5.86 -0.36 0.00	14.53 -0.76 0.00	25.95 -1.13 0.00	25.68 -1.01 0.00	29.98 -0.91 0.00	36.96 -1.07 0.00	31.03 -0.87 0.00	30.78 -0.70 0.00	29.49 -0.77 0.00	28.75 -0.84 0.00	31.16 -0.98 0.00	32.42 -0.99 0.00	32.33 -1.05 0.00	41.67 -1.30 0.00	52.32 -1.36 0.00	48.59 -1.33 0.00	49.72 -1.23 0.00	49.45 -1.07 0.00	48.77 -1.22 0.00	48.33 -1.08 0.00	37.60 -0.74 0.00	38.31 -0.68 0.00
VALLEY44_115KV_TB2 355964	12.09 -0.24 0.00	2.28 -0.03 0.00	6.15 -0.06 0.00	15.08 -0.21 0.00	26.38 -0.71 0.00	25.41 -0.83 0.44	29.60 -1.20 0.09	36.19 -1.34 0.51	30.98 -0.92 0.00	27.45 -0.14 3.88	24.79 -0.15 5.31	25.07 -0.02 4.49	26.31 -0.24 5.59	29.03 -0.40 3.98	26.23 -0.89 6.27	34.08 -1.75 7.14	41.63 -3.79 8.26	37.10 -3.29 9.54	40.15 -2.92 7.88	48.07 -2.45 0.00	48.50 -1.49 0.00	47.33 -2.09 0.00	36.26 -2.09 0.00	37.34 -1.65 0.00
VALLEY___115KV_TB 1-4 80826	12.39 0.06 0.00	2.33 0.02 0.00	6.31 0.10 0.00	15.53 0.24 0.00	27.35 0.26 0.00	27.00 0.32 0.00	31.18 0.29 0.00	38.30 0.27 0.00	31.99 0.09 0.00	31.36 -0.11 0.00	30.16 -0.10 0.00	29.40 -0.18 0.00	31.86 -0.27 0.00	33.12 -0.30 0.00	33.29 -0.10 0.00	42.91 -0.06 0.00	53.90 0.22 0.00	50.17 0.25 0.00	51.26 0.30 0.00	50.99 0.47 0.00	50.49 0.50 0.00	49.77 0.36 0.00	38.54 0.19 0.00	39.07 0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	12.83 0.51 0.00	2.41 0.10 0.00	6.50 0.29 0.00	15.95 0.66 0.00	28.13 1.05 0.00	27.85 1.17 0.00	32.12 1.23 0.00	39.56 1.52 0.00	33.22 1.32 0.00	32.80 1.32 0.00	31.52 1.26 0.00	30.85 1.26 0.00	33.50 1.37 0.00	34.81 1.40 0.00	34.83 1.44 0.00	44.79 1.82 0.00	55.82 2.15 0.00	51.76 1.98 0.14	53.03 2.08 0.00	52.69 2.17 0.00	52.22 2.23 0.00	51.29 1.88 0.00	39.69 1.34 0.00	40.31 1.33 0.00
VISCHER___FERRY HYD 24020	12.81 0.48 0.00	2.41 0.10 0.00	6.50 0.29 0.00	15.94 0.65 0.00	28.09 1.01 0.00	27.67 0.99 0.00	32.04 1.15 0.00	39.39 1.35 0.00	32.82 0.92 0.00	32.24 0.76 0.00	30.93 0.67 0.00	30.14 0.56 0.00	32.76 0.63 0.00	34.07 0.66 0.00	34.23 0.85 0.00	43.96 0.99 0.00	55.28 1.60 0.00	51.51 1.62 0.03	52.48 1.52 0.00	52.09 1.57 0.00	51.42 1.43 0.00	50.82 1.40 0.00	39.45 1.11 0.00	39.99 1.00 0.00
V_A_10_SYNC_DSASP 323832	11.74 -0.58 0.00	2.21 -0.10 0.00	5.91 -0.30 0.00	14.51 -0.78 0.00	25.44 -1.64 0.00	24.53 -1.66 0.49	28.88 -1.91 0.10	35.00 -2.43 0.60	30.08 -1.81 0.00	25.62 -1.25 4.61	22.75 -1.20 6.31	23.17 -1.08 5.33	24.09 -1.41 6.64	27.12 -1.57 4.73	23.88 -2.06 7.45	31.36 -3.13 8.48	38.86 -5.10 9.72	36.57 -5.03 8.32	37.91 -4.76 8.28	46.36 -4.15 0.00	46.71 -3.28 0.00	45.72 -3.70 0.00	35.06 -3.29 0.00	36.07 -2.92 0.00
V_CMM_10_SYNC_DSASP 323787	12.14 -0.19 0.00	2.26 -0.05 0.00	6.07 -0.14 0.00	15.02 -0.27 0.00	26.80 -0.28 0.00	26.42 -0.26 0.00	30.72 -0.17 0.00	37.90 -0.13 0.00	31.82 -0.07 0.00	31.51 0.03 0.00	30.25 -0.01 0.00	29.56 -0.03 0.00	32.09 -0.05 0.00	33.40 -0.01 0.00	33.27 -0.11 0.00	42.78 -0.19 0.00	53.61 -0.06 0.00	49.83 -0.09 0.00	50.89 -0.06 0.00	50.60 0.07 0.00	49.93 -0.06 0.00	49.50 0.09 0.00	38.47 0.13 0.00	39.24 0.25 0.00
V_CMP_10_SYNC_DSASP 323788	12.35 0.02 0.00	2.29 -0.02 0.00	6.15 -0.07 0.00	15.27 -0.02 0.00	27.31 0.23 0.00	27.11 0.43 0.00	31.48 0.59 0.00	39.03 0.99 0.00	32.54 0.64 0.00	32.10 0.62 0.00	30.90 0.64 0.00	30.22 0.64 0.00	32.90 0.76 0.00	34.14 0.73 0.00	34.15 0.76 0.00	43.72 0.75 0.00	55.07 1.39 0.00	50.86 0.94 0.00	51.80 0.85 0.00	51.74 1.22 0.00	50.74 0.74 0.00	50.54 1.13 0.00	39.19 0.84 0.00	39.92 0.93 0.00
V_D_10_SYNC_DSASP 323841	12.11 -0.22 0.00	2.25 -0.06 0.00	6.06 -0.16 0.00	14.99 -0.30 0.00	26.74 -0.34 0.00	26.41 -0.27 0.00	30.73 -0.16 0.00	37.86 -0.18 0.00	31.78 -0.11 0.00	31.51 0.03 0.00	30.24 -0.02 0.00	29.53 -0.05 0.00	32.06 -0.08 0.00	33.36 -0.05 0.00	33.24 -0.15 0.00	42.76 -0.21 0.00	53.60 -0.08 0.00	49.77 -0.15 0.00	50.84 -0.11 0.00	50.56 0.04 0.00	49.89 -0.10 0.00	49.47 0.06 0.00	38.49 0.15 0.00	39.25 0.26 0.00
V_E_10_SYNC_DSASP 323830	13.03 0.70 0.00	2.44 0.13 0.00	6.52 0.31 0.00	15.95 0.66 0.00	28.40 1.32 0.00	28.33 1.48 -0.17	32.83 1.91 -0.03	40.41 2.16 -0.21	33.84 1.94 0.00	34.85 1.77 -1.60	34.28 1.85 -2.17	33.01 1.58 -1.84	36.05 1.64 -2.28	36.84 1.80 -1.63	37.85 1.91 -2.55	48.35 2.46 -2.92	60.12 2.96 -3.49	55.86 2.87 -3.07	58.52 3.64 -3.93	54.22 3.70 0.00	53.41 3.42 0.00	52.59 3.17 0.00	40.61 2.27 0.00	41.38 2.39 0.00

V_F_30_NSYNC___DSASP 323816	12.96 0.63 0.00	2.44 0.13 0.00	6.57 0.36 0.00	16.12 0.83 0.00	28.41 1.33 0.00	28.00 1.32 0.00	32.49 1.60 0.00	39.93 1.89 0.00	33.24 1.34 0.00	32.71 1.23 0.00	31.43 1.17 0.00	30.66 1.07 0.00	33.29 1.16 0.00	34.62 1.20 0.00	34.74 1.35 0.00	44.57 1.60 0.00	56.01 2.33 0.00	52.11 2.22 0.03	53.20 2.25 0.00	52.93 2.41 0.00	52.31 2.32 0.00	51.65 2.24 0.00	40.01 1.66 0.00	40.52 1.53 0.00
V_F_30_SYNC_DSASP 323786	12.70 0.37 0.00	2.39 0.08 0.00	6.44 0.23 0.00	15.79 0.51 0.00	27.85 0.77 0.00	27.42 0.74 0.00	31.70 0.81 0.00	39.00 0.96 0.00	32.53 0.64 0.00	31.97 0.49 0.00	30.72 0.46 0.00	30.03 0.45 0.00	32.69 0.55 0.00	34.00 0.58 0.00	34.08 0.69 0.00	43.97 1.00 0.00	54.98 1.31 0.00	51.24 1.36 0.03	52.25 1.30 0.00	51.51 0.99 0.00	51.06 1.07 0.00	50.34 0.93 0.00	39.03 0.69 0.00	39.64 0.65 0.00
V_XM_10_SYNC_DSASP 323789	12.35 0.02 0.00	2.29 -0.02 0.00	6.15 -0.07 0.00	15.27 -0.02 0.00	27.31 0.23 0.00	27.11 0.43 0.00	31.48 0.59 0.00	39.03 0.99 0.00	32.54 0.64 0.00	32.10 0.62 0.00	30.90 0.64 0.00	30.22 0.64 0.00	32.90 0.76 0.00	34.14 0.73 0.00	34.15 0.76 0.00	43.72 0.75 0.00	55.07 1.39 0.00	50.86 0.94 0.00	51.80 0.85 0.00	51.74 1.22 0.00	50.74 0.74 0.00	50.54 1.13 0.00	39.19 0.84 0.00	39.92 0.93 0.00
W.BABYLN_69_KV_BK1 56697	73.17 1.10 -59.75	60.06 0.22 -57.54	46.94 0.58 -40.15	31.65 1.32 -15.04	30.92 2.15 -1.69	28.74 2.05 0.00	33.13 2.24 0.00	43.18 2.71 -2.44	56.22 2.44 -21.88	63.74 2.28 -29.98	41.08 2.41 -8.41	39.63 2.24 -7.80	36.13 2.49 -1.49	42.10 2.51 -6.17	46.66 2.67 -10.60	107.68 3.60 -61.11	108.68 4.18 -50.82	160.06 4.19 -105.95	196.93 4.29 -141.69	168.66 4.37 -113.77	74.86 4.83 -20.04	55.31 4.55 -1.35	64.13 3.45 -22.34	42.19 3.20 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	13.09 0.76 0.00	2.46 0.15 0.00	6.62 0.41 0.00	16.21 0.92 0.00	28.55 1.47 0.00	28.18 1.50 0.00	32.54 1.66 0.00	40.14 2.10 0.00	33.72 1.82 0.00	33.00 1.63 0.11	31.94 1.68 0.00	31.38 1.79 0.00	34.22 2.08 0.00	35.58 2.16 0.00	35.61 2.22 0.00	45.96 2.99 0.00	57.18 3.50 0.00	53.18 3.30 0.04	54.15 3.20 0.00	53.71 3.19 0.00	53.30 3.31 0.00	52.25 2.84 0.00	40.43 2.09 0.00	40.98 1.99 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	13.20 0.87 0.00	2.48 0.17 0.00	6.67 0.46 0.00	16.30 1.02 0.00	28.73 1.65 0.00	28.36 1.67 0.00	32.74 1.85 0.00	40.39 2.35 0.00	33.98 2.09 0.00	33.48 1.93 -0.07	32.28 2.02 0.00	31.72 2.13 0.00	34.52 2.38 0.00	35.89 2.47 0.00	35.93 2.55 0.00	46.30 3.33 0.00	57.51 3.83 0.00	53.43 3.56 0.04	54.40 3.45 0.00	53.92 3.40 0.00	53.51 3.52 0.00	52.47 3.06 0.00	40.69 2.35 0.00	41.23 2.24 0.00
W50THST__13_KV_LOAD 356117	13.26 0.94 0.00	2.49 0.18 0.00	6.70 0.48 0.00	16.38 1.10 0.00	28.86 1.78 0.00	28.50 1.82 0.00	32.92 2.03 0.00	40.59 2.56 0.00	34.17 2.27 0.00	33.68 2.14 -0.07	32.49 2.23 0.00	31.93 2.35 0.00	34.75 2.61 0.00	36.12 2.71 0.00	36.17 2.78 0.00	46.59 3.62 0.00	57.86 4.18 0.00	53.74 3.86 0.04	54.67 3.71 0.00	54.17 3.65 0.00	53.73 3.74 0.00	52.68 3.27 0.00	40.85 2.50 0.00	41.39 2.40 0.00
WADING RIVER_IC_1 23522	66.69 1.04 -53.31	54.40 0.21 -51.89	42.99 0.57 -36.21	30.15 1.30 -13.56	30.74 2.14 -1.52	28.68 1.99 0.00	33.08 2.19 0.00	42.64 2.47 -2.14	53.59 2.35 -19.34	59.24 2.07 -25.70	39.46 2.42 -6.79	38.83 2.21 -7.04	35.85 2.37 -1.35	41.32 2.34 -5.56	45.48 2.54 -9.56	101.07 3.40 -54.71	102.25 4.08 -44.49	149.67 4.13 -95.62	183.51 4.16 -128.40	157.47 4.30 -102.65	70.93 4.99 -15.95	54.63 4.59 -0.63	60.81 3.44 -19.03	42.20 3.21 0.00
WADING RIVER_IC_2 23547	66.69 1.04 -53.31	54.40 0.21 -51.89	42.99 0.57 -36.21	30.15 1.30 -13.56	30.74 2.14 -1.52	28.68 1.99 0.00	33.08 2.19 0.00	42.64 2.47 -2.14	53.59 2.35 -19.34	59.24 2.07 -25.70	39.46 2.42 -6.79	38.83 2.21 -7.04	35.85 2.37 -1.35	41.32 2.34 -5.56	45.48 2.54 -9.56	101.07 3.40 -54.71	102.25 4.08 -44.49	149.67 4.13 -95.62	183.51 4.16 -128.40	157.47 4.30 -102.65	70.93 4.99 -15.95	54.63 4.59 -0.63	60.81 3.44 -19.03	42.20 3.21 0.00
WADING RIVER_IC_3 23601	66.69 1.04 -53.31	54.40 0.21 -51.89	42.99 0.57 -36.21	30.15 1.30 -13.56	30.74 2.14 -1.52	28.68 1.99 0.00	33.08 2.19 0.00	42.64 2.47 -2.14	53.59 2.35 -19.34	59.24 2.07 -25.70	39.46 2.42 -6.79	38.83 2.21 -7.04	35.85 2.37 -1.35	41.32 2.34 -5.56	45.48 2.54 -9.56	101.07 3.40 -54.71	102.25 4.08 -44.49	149.67 4.13 -95.62	183.51 4.16 -128.40	157.47 4.30 -102.65	70.93 4.99 -15.95	54.63 4.59 -0.63	60.81 3.44 -19.03	42.20 3.21 0.00
WALDENNY_12_KV_BK2 80841	11.80 -0.53 0.00	2.22 -0.09 0.00	5.92 -0.30 0.00	14.52 -0.76 0.00	25.39 -1.69 0.00	24.04 -1.68 0.96	28.76 -1.93 0.19	34.51 -2.36 1.17	30.17 -1.73 0.00	21.50 -1.05 8.93	17.07 -0.97 12.22	18.41 -0.86 10.32	18.09 -1.21 12.84	22.84 -1.42 9.15	17.02 -1.95 14.41	23.53 -3.02 16.42	29.59 -5.24 18.84	25.81 -4.95 19.17	30.75 -4.45 15.75	46.70 -3.82 0.00	47.24 -2.75 0.00	46.10 -3.31 0.00	35.33 -3.01 0.00	36.40 -2.59 0.00
WALDEN___HYDRO 24148	13.06 0.73 0.00	2.45 0.14 0.00	6.61 0.39 0.00	16.17 0.89 0.00	28.51 1.43 0.00	28.12 1.44 0.00	32.48 1.59 0.00	40.04 2.01 0.00	33.58 1.68 0.00	32.96 1.50 0.02	31.77 1.51 0.00	31.17 1.58 0.00	33.97 1.84 0.00	35.34 1.93 0.00	35.39 2.00 0.00	45.67 2.70 0.00	56.87 3.19 0.00	52.91 3.03 0.04	53.97 3.02 0.00	53.56 3.04 0.00	53.13 3.14 0.00	52.13 2.72 0.00	40.35 2.00 0.00	40.89 1.90 0.00
WARRENSBURG____ 23737	12.99 0.65 0.00	2.44 0.14 0.00	6.58 0.36 0.00	16.15 0.86 0.00	28.43 1.35 0.00	28.05 1.37 0.00	32.62 1.73 0.00	40.16 2.12 0.00	33.35 1.45 0.00	32.82 1.34 0.00	31.59 1.33 0.00	30.69 1.11 0.00	33.33 1.19 0.00	34.62 1.20 0.00	34.79 1.40 0.00	44.58 1.61 0.00	56.10 2.43 0.00	52.19 2.31 0.03	53.31 2.35 0.00	53.06 2.54 0.00	52.46 2.46 0.00	51.92 2.51 0.00	40.15 1.81 0.00	40.54 1.54 0.00
WATERSIDE___6 8 9 23538	13.17 0.85 0.00	2.48 0.17 0.00	6.66 0.44 0.00	16.27 0.98 0.00	28.68 1.60 0.00	28.32 1.64 0.00	32.68 1.79 0.00	40.20 2.25 0.09	33.99 2.09 0.00	33.49 1.95 -0.07	32.31 2.06 0.00	31.82 2.17 -0.06	34.55 2.41 0.00	35.90 2.49 0.00	35.70 2.58 0.26	46.27 3.37 0.07	57.42 3.75 0.00	53.38 3.51 0.04	54.34 3.39 0.00	53.86 3.34 0.00	53.45 3.46 0.00	52.47 3.06 0.00	39.08 2.35 1.61	41.21 2.23 0.00
WATKINRD_115KV_LN8_ILLION 55919	12.40 0.07 0.00	2.33 0.02 0.00	6.29 0.08 0.00	15.47 0.19 0.00	27.28 0.20 0.00	26.92 0.24 0.00	31.11 0.22 0.00	38.24 0.20 0.00	31.98 0.08 0.00	31.41 -0.07 0.00	30.20 -0.06 0.00	29.48 -0.11 0.00	31.97 -0.17 0.00	33.24 -0.17 0.00	33.34 -0.05 0.00	42.96 -0.01 0.00	53.86 0.18 0.00	50.10 0.19 0.00	51.18 0.22 0.00	50.87 0.35 0.00	50.37 0.37 0.00	49.66 0.25 0.00	38.47 0.13 0.00	39.03 0.04 0.00

WDELAWARE___HYD 323627	13.15 0.82 0.00	2.48 0.17 0.00	6.69 0.47 0.00	16.39 1.10 0.00	28.89 1.81 0.00	28.53 1.85 0.00	32.98 2.09 0.00	40.64 2.60 0.00	34.03 2.13 0.00	33.39 1.93 0.02	32.15 1.90 0.00	31.54 1.96 0.00	34.41 2.27 0.00	35.73 2.31 0.00	35.81 2.43 0.00	46.15 3.18 0.00	57.49 3.81 0.00	53.61 3.74 0.05	54.72 3.77 0.00	54.39 3.87 0.00	53.96 3.97 0.00	52.88 3.47 0.00	40.90 2.55 0.00	41.46 2.47 0.00
WEST BABYLON___IC 23714	73.17 1.10 -59.75	60.06 0.22 -57.54	46.94 0.58 -40.15	31.65 1.32 -15.04	30.92 2.15 -1.69	28.74 2.05 0.00	33.13 2.24 0.00	43.18 2.71 -2.44	56.22 2.44 -21.88	63.74 2.28 -29.98	41.08 2.41 -8.41	39.63 2.24 -7.80	36.13 2.49 -1.49	42.10 2.51 -6.17	46.66 2.67 -10.60	107.68 3.60 -61.11	108.68 4.18 -50.82	160.06 4.19 -105.95	196.93 4.29 -141.69	168.66 4.37 -113.77	74.86 4.83 -20.04	55.31 4.55 -1.35	64.13 3.45 -22.34	42.19 3.20 0.00
WEST CANADA___HYD 24049	12.37 0.04 0.00	2.32 0.01 0.00	6.24 0.03 0.00	15.34 0.06 0.00	27.12 0.04 0.00	26.72 0.04 0.00	30.92 0.04 0.00	38.07 0.04 0.00	31.92 0.02 0.00	31.48 0.00 0.00	30.26 0.00 0.00	29.58 0.00 0.00	32.14 0.00 0.00	33.42 0.00 0.00	33.42 0.03 0.00	43.01 0.04 0.00	53.73 0.05 0.00	49.97 0.05 0.00	51.00 0.05 0.00	50.59 0.07 0.00	50.08 0.09 0.00	49.42 0.00 0.00	38.34 0.00 0.00	38.96 -0.03 0.00
WESTERN_NY_WIND 24143	11.97 -0.36 0.00	2.25 -0.06 0.00	6.00 -0.22 0.00	14.72 -0.57 0.00	25.82 -1.25 0.00	24.98 -1.16 0.54	29.96 -0.84 0.09	36.75 -0.75 0.53	30.83 -1.07 0.00	25.98 -0.72 4.78	22.89 -0.82 6.54	23.34 -0.72 5.52	24.21 -1.05 6.88	27.41 -1.10 4.91	23.95 -1.71 7.72	31.50 -2.68 8.80	38.84 -4.77 10.06	35.13 -4.55 10.24	38.51 -3.86 8.58	47.54 -2.98 0.00	48.14 -1.85 0.00	47.05 -2.36 0.00	36.06 -2.28 0.00	37.06 -1.93 0.00
WESTOVER___LESR 323668	12.42 0.09 0.00	2.34 0.03 0.00	6.30 0.09 0.00	15.45 0.16 0.00	27.17 0.09 0.00	26.71 0.03 0.00	30.85 -0.04 0.00	38.07 0.03 0.00	31.98 0.08 0.00	31.71 0.23 0.00	30.52 0.27 0.00	29.85 0.26 0.00	32.41 0.27 0.00	33.59 0.17 0.00	33.53 0.15 0.00	43.06 0.09 0.00	53.43 -0.25 0.00	49.37 -0.26 0.29	50.43 -0.13 0.39	50.54 0.02 0.00	50.22 0.23 0.00	49.29 -0.13 0.00	38.08 -0.27 0.00	38.78 -0.21 0.00
WETHRSFD_WT_PWR 323626	11.83 -0.50 0.00	2.22 -0.09 0.00	5.94 -0.27 0.00	14.55 -0.73 0.00	25.32 -1.76 0.00	21.50 -1.93 3.25	28.12 -2.11 0.66	31.71 -2.37 3.96	30.05 -1.84 0.00	-0.37 -1.63 30.22	-12.61 -1.55 41.33	-6.85 -1.52 34.91	-13.13 -1.82 43.45	0.35 -2.09 30.97	-17.66 -2.29 48.75	-15.86 -3.30 55.54	-15.65 -5.63 63.70	-16.48 -5.25 61.15	-5.79 -4.85 51.90	46.97 -3.55 0.00	47.62 -2.37 0.00	46.44 -2.98 0.00	35.41 -2.93 0.00	36.54 -2.45 0.00
WHAVSTOR_138KV_BK127 55557	13.04 0.71 0.00	2.45 0.14 0.00	6.60 0.38 0.00	16.15 0.86 0.00	28.46 1.37 0.00	28.08 1.41 0.00	32.42 1.53 0.00	39.98 1.95 0.00	33.64 1.74 0.00	32.92 1.55 0.11	31.86 1.60 0.00	31.31 1.72 0.00	34.14 2.00 0.00	35.48 2.06 0.00	35.52 2.13 0.00	45.83 2.86 0.00	57.02 3.35 0.00	53.01 3.13 0.04	53.89 2.94 0.00	53.46 2.93 0.00	53.03 3.04 0.00	52.01 2.60 0.00	40.27 1.93 0.00	40.83 1.84 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	13.04 0.71 0.00	2.45 0.14 0.00	6.60 0.38 0.00	16.15 0.86 0.00	28.46 1.37 0.00	28.08 1.41 0.00	32.42 1.53 0.00	39.98 1.95 0.00	33.64 1.74 0.00	32.92 1.55 0.11	31.86 1.60 0.00	31.31 1.72 0.00	34.14 2.00 0.00	35.48 2.06 0.00	35.52 2.13 0.00	45.83 2.86 0.00	57.02 3.35 0.00	53.01 3.13 0.04	53.89 2.94 0.00	53.46 2.93 0.00	53.03 3.04 0.00	52.01 2.60 0.00	40.27 1.93 0.00	40.83 1.84 0.00
WHITEHAL_115KV_TB1 80871	13.08 0.75 0.00	2.48 0.17 0.00	6.68 0.46 0.00	16.40 1.11 0.00	28.77 1.69 0.00	28.44 1.76 0.00	33.23 2.34 0.00	41.08 3.04 0.00	33.67 1.77 0.00	33.03 1.55 0.00	31.82 1.56 0.00	31.07 1.48 0.00	33.68 1.54 0.00	34.88 1.46 0.00	35.41 2.02 0.00	45.27 2.30 0.00	57.26 3.58 0.00	53.29 3.41 0.03	54.22 3.27 0.00	53.93 3.40 0.00	53.09 3.10 0.00	53.23 3.82 0.00	41.11 2.77 0.00	41.11 2.12 0.00
WHITEPLN_13_KV_LOAD 356215	13.21 0.88 0.00	2.48 0.17 0.00	6.67 0.46 0.00	16.33 1.04 0.00	28.78 1.70 0.00	28.41 1.73 0.00	32.82 1.93 0.00	40.51 2.48 0.00	34.05 2.15 0.00	33.55 1.99 -0.07	32.30 2.05 0.00	31.73 2.14 0.00	34.56 2.42 0.00	35.93 2.52 0.00	35.99 2.61 0.00	46.41 3.44 0.00	57.72 4.04 0.00	53.69 3.81 0.04	54.67 3.72 0.00	54.22 3.70 0.00	53.78 3.80 0.00	52.74 3.33 0.00	40.85 2.50 0.00	41.37 2.38 0.00
WM_FLOYD_69_KV_BK2 356380	66.81 1.05 -53.43	54.50 0.21 -51.99	43.05 0.56 -36.27	30.18 1.31 -13.59	30.73 2.13 -1.53	28.67 1.99 0.00	33.06 2.16 0.00	42.64 2.46 -2.14	53.60 2.31 -19.39	59.30 2.05 -25.77	39.43 2.36 -6.82	38.80 2.17 -7.05	35.80 2.32 -1.35	41.27 2.28 -5.57	45.45 2.49 -9.58	101.15 3.36 -54.82	102.35 4.07 -44.61	149.85 4.13 -95.80	183.81 4.21 -128.65	157.71 4.34 -102.85	70.97 4.96 -16.02	54.63 4.57 -0.64	60.86 3.43 -19.08	42.22 3.23 0.00
WOODARD___115KV_TB2 355635	12.18 -0.15 0.00	2.28 -0.03 0.00	6.14 -0.07 0.00	15.08 -0.21 0.00	26.62 -0.46 0.00	26.22 -0.46 0.00	30.37 -0.52 0.00	37.40 -0.63 0.00	31.40 -0.50 0.00	31.05 -0.43 0.00	29.86 -0.40 0.00	29.19 -0.39 0.00	31.67 -0.47 0.00	32.89 -0.53 0.00	32.81 -0.58 0.00	42.18 -0.80 0.00	52.50 -1.18 0.00	48.84 -1.08 0.00	49.94 -1.01 0.00	49.63 -0.89 0.00	49.24 -0.75 0.00	48.46 -0.95 0.00	37.46 -0.88 0.00	38.11 -0.88 0.00
WOODMERE_69_KV_BK1 55827	109.04 0.99 -95.72	86.79 0.20 -84.28	65.55 0.52 -58.81	38.50 1.19 -22.03	31.50 1.95 -2.47	28.61 1.93 0.00	32.99 2.09 0.00	44.97 2.53 -4.41	76.78 2.21 -42.67	96.81 2.07 -63.26	56.21 2.17 -23.78	43.27 2.25 -11.43	36.86 2.54 -2.19	45.08 2.61 -9.06	51.64 2.72 -15.52	141.90 3.60 -95.32	151.64 4.11 -93.86	209.64 3.99 -155.73	264.85 3.97 -209.93	220.37 4.02 -165.83	130.65 4.57 -76.09	70.67 4.18 -17.07	97.90 3.21 -56.35	42.02 3.04 0.00
YORK___WARBASSE 23770	13.19 0.86 0.00	2.48 0.17 0.00	6.66 0.45 0.00	16.28 1.00 0.00	28.74 1.66 0.00	28.39 1.71 0.00	32.77 1.88 -0.01	40.78 2.32 -0.42	34.04 2.14 0.00	33.54 1.99 -0.07	32.35 2.09 0.00	31.88 2.23 -0.07	34.59 2.45 0.00	35.95 2.54 0.00	37.28 2.65 -1.25	46.74 3.45 -0.32	57.40 3.72 0.00	53.44 3.57 0.04	54.43 3.47 0.00	53.91 3.39 0.00	53.53 3.54 0.00	52.56 3.14 0.00	48.49 2.43 -7.72	41.32 2.33 0.00