

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/20/2025

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	23.39	25.76	23.87	21.32	22.50	25.61	30.28	29.42	26.66	26.00	26.78	25.65	33.41	43.55	43.58	37.50	43.62	146.22	54.97	39.36	43.30	41.27	35.66	33.71
24138	1.31	1.13	1.10	0.98	1.06	1.14	1.42	1.47	1.45	1.45	1.53	1.62	2.28	3.11	3.18	2.93	3.61	9.54	3.43	2.17	2.20	1.93	1.80	1.52
	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.45	8.73	8.73	6.08	7.28	1.30	2.06	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	23.42	25.80	23.90	21.35	22.53	25.65	30.33	29.46	26.68	26.00	26.79	25.65	33.39	43.54	43.58	37.49	43.61	146.16	54.97	39.39	43.32	41.31	35.70	33.76
24260	1.34	1.17	1.14	1.01	1.09	1.17	1.47	1.51	1.47	1.45	1.54	1.62	2.27	3.10	3.17	2.92	3.59	9.47	3.43	2.20	2.23	1.98	1.85	1.57
	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.45	8.73	8.73	6.08	7.28	1.30	2.06	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	23.42	25.80	23.90	21.35	22.53	25.65	30.33	29.46	26.68	26.00	26.79	25.65	33.39	43.54	43.58	37.49	43.61	146.16	54.97	39.39	43.32	41.31	35.70	33.76
24261	1.34	1.17	1.14	1.01	1.09	1.17	1.47	1.51	1.47	1.45	1.54	1.62	2.27	3.10	3.17	2.92	3.59	9.47	3.43	2.20	2.23	1.98	1.85	1.57
	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.45	8.73	8.73	6.08	7.28	1.30	2.06	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	23.19	25.42	23.50	21.06	22.24	25.41	29.93	29.11	26.06	25.26	25.93	24.58	34.10	45.13	45.02	37.24	43.35	142.47	54.32	38.50	42.69	40.80	34.80	33.00
24011	0.79	0.79	0.74	0.72	0.81	0.94	1.07	1.16	0.85	0.70	0.69	0.55	0.84	1.27	1.20	0.71	1.03	5.37	2.13	1.32	1.60	1.46	0.95	0.81
	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.32	5.32	5.32	4.12	4.97	0.88	1.41	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23.33	25.60	23.64	21.20	22.39	25.58	30.12	29.35	26.20	25.37	26.04	24.66	34.26	45.38	45.29	37.36	43.48	143.56	54.67	38.71	42.93	41.05	34.90	33.09
23798	0.94	0.97	0.88	0.86	0.95	1.11	1.26	1.40	0.98	0.81	0.79	0.63	1.00	1.52	1.47	0.82	1.15	6.46	2.48	1.52	1.83	1.71	1.05	0.90
	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.31	5.31	5.31	4.12	4.97	0.88	1.41	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	23.19	25.42	23.50	21.06	22.24	25.41	29.93	29.11	26.06	25.26	25.93	24.58	34.10	45.13	45.02	37.24	43.35	142.47	54.32	38.50	42.69	40.80	34.80	33.00
24028	0.79	0.79	0.74	0.72	0.81	0.94	1.07	1.16	0.85	0.70	0.69	0.55	0.84	1.27	1.20	0.71	1.03	5.37	2.13	1.32	1.60	1.46	0.95	0.81
	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.32	5.32	5.32	4.12	4.97	0.88	1.41	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	22.85	25.07	23.23	20.83	22.02	25.13	29.45	28.67	25.71	24.97	25.67	24.34	33.54	44.38	44.23	36.87	42.75	140.98	53.74	37.99	42.10	40.24	34.44	32.74
23527	0.47	0.44	0.47	0.49	0.58	0.66	0.59	0.72	0.49	0.41	0.42	0.31	0.49	0.87	0.76	0.42	0.52	3.90	1.57	0.80	1.01	0.90	0.58	0.55
	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.53	5.66	5.66	4.20	5.06	0.90	1.43	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	22.34	24.52	22.73	20.34	21.45	24.45	28.72	27.84	25.10	24.45	25.11	23.89	32.65	42.93	42.83	36.09	41.80	136.59	51.96	36.90	40.80	39.00	33.56	31.93
24190	-0.03	-0.11	-0.03	0.00	0.02	-0.02	-0.13	-0.11	-0.12	-0.11	-0.14	-0.13	-0.30	-0.44	-0.51	-0.28	-0.35	-0.46	-0.18	-0.28	-0.29	-0.34	-0.30	-0.27
	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.62	5.80	5.80	4.28	5.15	0.92	1.46	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	22.32	24.84	22.87	20.41	21.45	24.53	28.95	28.11	25.37	24.78	25.50	24.26	32.60	42.58	42.57	36.24	42.00	137.47	51.79	37.41	41.36	39.67	34.05	32.44
355683	0.00	0.20	0.11	0.07	0.02	0.05	0.10	0.16	0.16	0.22	0.25	0.23	0.34	0.40	0.43	0.29	0.22	0.48	-0.25	0.22	0.26	0.33	0.19	0.25
	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.32	7.00	7.00	4.70	5.52	0.98	1.56	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	22.76	25.01	23.19	20.73	21.91	24.99	29.39	28.27	25.52	24.78	25.40	24.10	32.77	42.98	42.82	36.26	42.15	138.85	52.78	37.63	41.68	39.85	34.28	32.59
323833	0.41	0.38	0.42	0.39	0.47	0.52	0.53	0.32	0.31	0.22	0.15	0.07	0.12	0.10	-0.02	0.16	0.26	1.82	0.69	0.45	0.58	0.51	0.42	0.40
	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.93	6.29	6.29	4.55	5.40	0.95	1.51	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	22.75	25.01	23.18	20.73	21.90	24.99	29.38	28.25	25.51	24.77	25.39	24.08	32.76	42.98	42.82	36.26	42.16	138.80	52.78	37.62	41.67	39.84	34.28	32.58
323834	0.41	0.38	0.42	0.39	0.46	0.52	0.52	0.30	0.29	0.21	0.14	0.06	0.11	0.09	-0.03	0.15	0.26	1.77	0.69	0.44	0.57	0.50	0.42	0.39
	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.92	6.29	6.29	4.55	5.40	0.95	1.51	0.00	0.00	0.00	0.00	0.00
ALBANY___1	22.34	24.52	22.73	20.34	21.45	24.45	28.72	27.84	25.10	24.45	25.11	23.89	32.65	42.93	42.83	36.09	41.80	136.59	51.96	36.90	40.80	39.00	33.56	31.93
23571	-0.03	-0.11	-0.03	0.00	0.02	-0.02	-0.13	-0.11	-0.12	-0.11	-0.14	-0.13	-0.30	-0.44	-0.51	-0.28	-0.35	-0.46	-0.18	-0.28	-0.29	-0.34	-0.30	-0.27
	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.62	5.80	5.80	4.28	5.15	0.92	1.46	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	22.34 -0.03 0.71	24.52 -0.11 0.00	22.73 -0.03 0.00	20.34 0.00 0.00	21.45 0.02 0.00	24.45 -0.02 0.00	28.72 -0.13 0.00	27.84 -0.11 0.00	25.10 -0.12 0.00	24.45 -0.11 0.00	25.11 -0.14 0.00	23.89 -0.13 0.00	32.65 -0.30 3.62	42.93 -0.44 5.80	42.83 -0.51 5.80	36.09 -0.28 4.28	41.80 -0.35 5.15	136.59 -0.46 0.92	51.96 -0.18 1.46	36.90 -0.28 0.00	40.80 -0.29 0.00	39.00 -0.34 0.00	33.56 -0.30 0.00	31.93 -0.27 0.00
ALBANY___3 23573	22.34 -0.03 0.71	24.52 -0.11 0.00	22.73 -0.03 0.00	20.34 0.00 0.00	21.45 0.02 0.00	24.45 -0.02 0.00	28.72 -0.13 0.00	27.84 -0.11 0.00	25.10 -0.12 0.00	24.45 -0.11 0.00	25.11 -0.14 0.00	23.89 -0.13 0.00	32.65 -0.30 3.62	42.93 -0.44 5.80	42.83 -0.51 5.80	36.09 -0.28 4.28	41.80 -0.35 5.15	136.59 -0.46 0.92	51.96 -0.18 1.46	36.90 -0.28 0.00	40.80 -0.29 0.00	39.00 -0.34 0.00	33.56 -0.30 0.00	31.93 -0.27 0.00
ALBANY___4 23574	22.34 -0.03 0.71	24.52 -0.11 0.00	22.73 -0.03 0.00	20.34 0.00 0.00	21.45 0.02 0.00	24.45 -0.02 0.00	28.72 -0.13 0.00	27.84 -0.11 0.00	25.10 -0.12 0.00	24.45 -0.11 0.00	25.11 -0.14 0.00	23.89 -0.13 0.00	32.65 -0.30 3.62	42.93 -0.44 5.80	42.83 -0.51 5.80	36.09 -0.28 4.28	41.80 -0.35 5.15	136.59 -0.46 0.92	51.96 -0.18 1.46	36.90 -0.28 0.00	40.80 -0.29 0.00	39.00 -0.34 0.00	33.56 -0.30 0.00	31.93 -0.27 0.00
ALBANY___LFGE 323615	22.55 0.17 0.71	24.73 0.09 0.00	22.91 0.15 0.00	20.50 0.16 0.00	21.63 0.19 0.00	24.67 0.19 0.00	28.99 0.13 0.00	28.09 0.15 0.00	25.33 0.11 0.00	24.66 0.11 0.00	25.34 0.09 0.00	24.11 0.08 0.00	33.09 0.05 3.53	43.53 0.03 5.66	43.44 -0.03 5.66	36.50 0.09 4.24	42.30 0.11 5.11	138.02 0.95 0.91	52.53 0.38 1.45	37.28 0.10 0.00	41.20 0.11 0.00	39.40 0.06 0.00	33.88 0.02 0.00	32.22 0.03 0.00
ALCOA_PA_115KV_PL-6C 55860	22.20 0.05 0.93	24.91 0.28 0.00	22.93 0.17 0.00	20.46 0.12 0.00	21.51 0.08 0.00	24.61 0.13 0.00	29.02 0.17 0.00	28.16 0.21 0.00	25.41 0.19 0.00	24.89 0.33 0.00	25.60 0.35 0.00	24.36 0.33 0.00	31.78 0.50 5.30	41.20 0.61 8.59	41.21 0.67 8.59	35.34 0.46 5.77	40.93 0.41 6.77	137.81 1.04 1.21	51.76 0.08 1.91	37.61 0.43 0.00	41.44 0.35 0.00	39.79 0.45 0.00	34.15 0.29 0.00	32.53 0.34 0.00
ALCOA_RYNLDS___DRP 24188	22.20 0.05 0.93	24.91 0.28 0.00	22.93 0.17 0.00	20.46 0.12 0.00	21.51 0.08 0.00	24.61 0.13 0.00	29.02 0.17 0.00	28.16 0.21 0.00	25.41 0.19 0.00	24.89 0.33 0.00	25.60 0.35 0.00	24.36 0.33 0.00	31.78 0.50 5.30	41.20 0.61 8.59	41.21 0.67 8.59	35.34 0.46 5.77	40.93 0.41 6.77	137.81 1.04 1.21	51.76 0.08 1.91	37.61 0.43 0.00	41.44 0.35 0.00	39.79 0.45 0.00	34.15 0.29 0.00	32.53 0.34 0.00
ALCOA___DSASP 323711	22.20 0.05 0.93	24.91 0.28 0.00	22.94 0.17 0.00	20.47 0.13 0.00	21.51 0.08 0.00	24.61 0.13 0.00	29.02 0.17 0.00	28.16 0.21 0.00	25.41 0.19 0.00	24.89 0.33 0.00	25.60 0.35 0.00	24.36 0.33 0.00	31.77 0.50 5.30	41.20 0.61 8.59	41.21 0.67 8.59	35.34 0.46 5.77	40.93 0.41 6.77	137.80 1.03 1.21	51.76 0.08 1.91	37.61 0.43 0.00	41.44 0.35 0.00	39.80 0.46 0.00	34.15 0.30 0.00	32.53 0.34 0.00
ALLEGHENY___COGEN 23514	17.17 -0.63 5.28	24.11 -0.52 0.00	22.15 -0.61 0.00	19.78 -0.56 0.00	20.92 -0.51 0.00	24.18 -0.29 0.00	28.71 -0.14 0.00	27.35 -0.60 0.00	24.05 -1.17 0.00	23.24 -1.32 0.00	23.80 -1.45 0.00	22.49 -1.54 0.00	2.59 -1.91 32.07	-2.86 -2.44 49.60	-2.75 -2.28 49.60	5.25 -2.51 32.89	5.78 -3.20 38.31	148.12 -9.23 -19.37	44.68 -3.49 5.43	35.68 -1.51 0.00	40.05 -1.05 0.00	38.68 -0.66 0.00	33.29 -0.56 0.00	31.67 -0.52 0.00
ALTAMONT_115KV_TB 2 55880	22.62 0.25 0.71	24.82 0.19 0.00	23.00 0.23 0.00	20.57 0.22 0.00	21.70 0.26 0.00	24.73 0.26 0.00	29.11 0.26 0.00	28.19 0.24 0.00	25.42 0.20 0.00	24.73 0.17 0.00	25.42 0.17 0.00	24.18 0.16 0.00	33.10 0.18 3.66	43.56 0.25 5.86	43.49 0.22 5.86	36.58 0.22 4.29	42.47 0.33 5.15	138.36 1.30 0.92	52.67 0.52 1.46	37.42 0.23 0.00	41.36 0.27 0.00	39.55 0.22 0.00	34.06 0.20 0.00	32.36 0.17 0.00
ALTONA_WT_PWR 323606	22.43 0.08 0.74	24.95 0.32 0.00	23.00 0.23 0.00	20.55 0.21 0.00	21.64 0.21 0.00	24.78 0.30 0.00	29.28 0.43 0.00	28.55 0.60 0.00	25.67 0.45 0.00	25.05 0.49 0.00	25.76 0.51 0.00	24.48 0.46 0.00	33.12 0.71 4.17	43.33 0.92 6.76	43.32 0.96 6.76	36.80 0.70 4.54	42.71 0.74 5.33	139.65 2.62 0.95	52.94 0.84 1.51	37.87 0.69 0.00	41.91 0.81 0.00	40.19 0.85 0.00	34.40 0.55 0.00	32.74 0.55 0.00
AMERICAN_REF_FUEL 24010	15.88 -2.34 4.87	22.30 -2.33 0.00	20.36 -2.40 0.00	18.10 -2.24 0.00	19.09 -2.35 0.00	22.04 -2.43 0.00	26.01 -2.85 0.00	24.76 -3.19 0.00	22.24 -2.97 0.00	21.68 -2.87 0.00	22.34 -2.91 0.00	21.03 -3.00 0.00	3.27 -3.45 29.85	-0.69 -4.24 45.62	-0.42 -3.92 45.63	6.10 -4.31 30.24	6.52 -5.51 35.26	107.42 -17.98 12.57	34.67 -7.09 11.83	32.30 -4.88 0.00	35.93 -5.17 0.00	34.86 -4.48 0.00	30.40 -3.45 0.00	29.29 -2.90 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.65 -1.42 5.02	23.33 -1.30 0.00	21.48 -1.28 0.00	19.07 -1.26 0.00	20.03 -1.41 0.00	23.32 -1.16 0.00	27.54 -1.31 0.00	26.62 -1.33 0.00	24.16 -1.05 0.00	23.59 -0.97 0.00	24.20 -1.05 0.00	22.79 -1.24 0.00	4.66 -1.24 30.68	0.51 -1.42 47.24	0.67 -1.30 47.16	7.16 -2.30 31.20	7.85 -3.11 36.33	116.23 -9.47 12.27	37.39 -3.98 12.23	34.26 -2.92 0.00	37.85 -3.24 0.00	36.58 -2.76 0.00	31.71 -2.14 0.00	30.13 -2.06 0.00
ARTHUR KILL_GT_1 23520	23.51 1.43 1.00	25.96 1.32 0.00	24.15 1.38 0.00	21.62 1.28 0.00	22.81 1.38 0.00	25.96 1.48 -0.01	30.60 1.74 0.00	29.65 1.69 0.00	26.70 1.48 0.00	25.86 1.31 0.00	26.60 1.35 0.00	25.49 1.46 0.00	33.12 1.99 5.45	43.21 2.77 8.73	43.23 2.84 8.73	37.21 2.64 6.08	43.38 3.36 7.28	145.34 8.66 1.30	54.60 3.06 2.06	39.50 2.00 -0.31	43.10 2.01 0.00	43.25 1.75 -2.16	40.47 1.69 -4.92	33.71 1.51 0.00
ARTHUR_KILL_2 23512	23.46 1.38 1.00	25.88 1.25 0.00	24.09 1.32 0.00	21.56 1.22 0.00	22.75 1.31 0.00	25.89 1.41 -0.01	30.51 1.66 0.00	29.57 1.62 0.00	26.64 1.42 0.00	25.81 1.26 0.00	26.56 1.31 0.00	25.45 1.42 0.00	33.07 1.94 5.45	43.06 2.63 8.73	43.12 2.72 8.73	37.13 2.56 6.08	43.26 3.25 7.28	145.04 8.36 1.30	54.47 2.92 2.06	39.39 1.90 -0.31	42.99 1.89 0.00	43.14 1.65 -2.16	40.41 1.62 -4.92	33.62 1.43 0.00
ARTHUR_KILL_3 23513	23.17 1.09 1.01	25.54 0.91 0.00	23.64 0.88 0.00	21.11 0.77 0.00	22.27 0.83 0.00	25.35 0.87 0.00	29.97 1.12 0.00	29.11 1.16 0.00	26.38 1.16 0.00	25.71 1.15 0.00	26.49 1.24 0.00	25.37 1.34 0.00	32.96 1.84 5.45	42.92 2.48 8.73	42.97 2.57 8.73	37.05 2.47 6.08	43.09 3.07 7.28	144.43 7.75 1.30	54.34 2.80 2.06	39.27 1.77 -0.31	42.84 1.75 0.00	43.02 1.52 -2.16	39.45 1.49 -4.10	33.42 1.23 0.00

ARTHUR_KILL_COGEN 323718	23.51 1.43 1.00	25.95 1.32 0.00	24.15 1.38 0.00	21.62 1.28 0.00	22.81 1.38 0.00	25.96 1.48 -0.01	30.60 1.74 0.00	29.65 1.69 0.00	26.69 1.48 0.00	25.86 1.31 0.00	26.60 1.35 0.00	25.49 1.46 0.00	33.13 2.00 5.45	43.15 2.72 8.73	43.21 2.81 8.73	37.21 2.64 6.08	43.38 3.36 7.28	145.34 8.66 1.30	54.60 3.05 2.06	39.50 2.00 -0.31	43.10 2.01 0.00	43.26 1.77 -2.16	40.51 1.73 -4.92	33.71 1.51 0.00
ASHOKAN____ 23654	23.33 1.10 0.85	25.62 0.99 0.00	23.72 0.96 0.00	21.21 0.87 0.00	22.45 1.02 0.00	25.64 1.17 0.00	30.29 1.43 0.00	29.36 1.41 0.00	26.42 1.21 0.00	25.57 1.02 0.00	26.29 1.04 0.00	25.00 0.97 0.00	33.32 1.37 4.62	43.57 1.80 7.41	43.52 1.80 7.41	37.09 1.70 5.26	43.14 2.09 6.24	143.44 6.56 1.10	54.49 2.64 1.75	39.06 1.87 0.00	43.17 2.07 0.00	41.19 1.85 0.00	35.45 1.60 0.00	33.55 1.36 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.32 1.24 1.00	25.66 1.03 0.00	23.82 1.05 0.00	21.25 0.91 0.00	22.43 0.99 0.00	25.48 1.01 0.00	30.08 1.23 0.00	29.29 1.34 0.00	26.60 1.38 0.00	25.80 1.25 0.00	26.61 1.36 0.00	25.51 1.48 0.00	33.00 1.88 5.45	43.09 2.65 8.73	43.56 2.69 8.26	37.92 2.60 5.33	49.95 3.21 0.55	150.41 8.10 -4.33	54.54 3.00 2.06	43.81 1.90 -4.72	43.01 1.92 0.00	41.33 1.67 -0.32	36.03 1.64 -0.53	33.58 1.35 -0.04
ASTORIA_EAST_ENERGY_CC2 323582	23.32 1.24 1.00	25.66 1.03 0.00	23.82 1.05 0.00	21.25 0.91 0.00	22.43 0.99 0.00	25.48 1.01 0.00	30.08 1.23 0.00	29.29 1.34 0.00	26.60 1.38 0.00	25.80 1.25 0.00	26.61 1.36 0.00	25.52 1.49 0.00	33.00 1.88 5.45	43.09 2.65 8.73	43.56 2.69 8.26	37.92 2.60 5.33	49.95 3.21 0.55	150.41 8.10 -4.33	54.54 3.00 2.06	43.81 1.90 -4.72	43.01 1.92 0.00	41.33 1.67 -0.32	36.03 1.64 -0.53	33.58 1.35 -0.04
ASTORIA_GT2_1 24094	23.33 1.25 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.49 1.02 0.00	30.09 1.24 0.00	29.30 1.35 0.00	26.60 1.38 0.00	25.82 1.26 0.00	26.61 1.36 0.00	25.53 1.50 0.00	33.01 1.89 5.45	43.15 2.71 8.73	43.62 2.75 8.26	37.93 2.61 5.33	49.96 3.22 0.55	150.52 8.21 -4.33	54.56 3.02 2.06	43.82 1.91 -4.72	43.04 1.94 0.00	41.34 1.68 -0.32	36.05 1.66 -0.53	33.60 1.36 -0.04
ASTORIA_GT2_2 24095	23.33 1.25 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.49 1.02 0.00	30.09 1.24 0.00	29.30 1.35 0.00	26.60 1.38 0.00	25.82 1.26 0.00	26.61 1.36 0.00	25.53 1.50 0.00	33.01 1.89 5.45	43.15 2.71 8.73	43.62 2.75 8.26	37.93 2.61 5.33	49.96 3.22 0.55	150.52 8.21 -4.33	54.56 3.02 2.06	43.82 1.91 -4.72	43.04 1.94 0.00	41.34 1.68 -0.32	36.05 1.66 -0.53	33.60 1.36 -0.04
ASTORIA_GT2_3 24096	23.33 1.25 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.49 1.02 0.00	30.09 1.24 0.00	29.30 1.35 0.00	26.60 1.38 0.00	25.82 1.26 0.00	26.61 1.36 0.00	25.53 1.50 0.00	33.01 1.89 5.45	43.15 2.71 8.73	43.62 2.75 8.26	37.93 2.61 5.33	49.96 3.22 0.55	150.52 8.21 -4.33	54.56 3.02 2.06	43.82 1.91 -4.72	43.04 1.94 0.00	41.34 1.68 -0.32	36.05 1.66 -0.53	33.60 1.36 -0.04
ASTORIA_GT2_4 24097	23.33 1.25 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.49 1.02 0.00	30.09 1.24 0.00	29.30 1.35 0.00	26.60 1.38 0.00	25.82 1.26 0.00	26.61 1.36 0.00	25.53 1.50 0.00	33.01 1.89 5.45	43.15 2.71 8.73	43.62 2.75 8.26	37.93 2.61 5.33	49.96 3.22 0.55	150.52 8.21 -4.33	54.56 3.02 2.06	43.82 1.91 -4.72	43.04 1.94 0.00	41.34 1.68 -0.32	36.05 1.66 -0.53	33.60 1.36 -0.04
ASTORIA_GT3_1 24098	23.33 1.25 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.49 1.02 0.00	30.09 1.24 0.00	29.30 1.35 0.00	26.60 1.38 0.00	25.82 1.26 0.00	26.61 1.36 0.00	25.53 1.50 0.00	33.01 1.89 5.45	43.15 2.71 8.73	43.62 2.75 8.26	37.93 2.61 5.33	49.96 3.22 0.55	150.52 8.21 -4.33	54.56 3.02 2.06	43.82 1.91 -4.72	43.04 1.94 0.00	41.34 1.68 -0.32	36.05 1.66 -0.53	33.60 1.36 -0.04
ASTORIA_GT3_2 24099	23.33 1.25 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.49 1.02 0.00	30.09 1.24 0.00	29.30 1.35 0.00	26.60 1.38 0.00	25.82 1.26 0.00	26.61 1.36 0.00	25.53 1.50 0.00	33.01 1.89 5.45	43.15 2.71 8.73	43.62 2.75 8.26	37.93 2.61 5.33	49.96 3.22 0.55	150.52 8.21 -4.33	54.56 3.02 2.06	43.82 1.91 -4.72	43.04 1.94 0.00	41.34 1.68 -0.32	36.05 1.66 -0.53	33.60 1.36 -0.04
ASTORIA_GT3_3 24100	23.33 1.25 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.49 1.02 0.00	30.09 1.24 0.00	29.30 1.35 0.00	26.60 1.38 0.00	25.82 1.26 0.00	26.61 1.36 0.00	25.53 1.50 0.00	33.01 1.89 5.45	43.15 2.71 8.73	43.62 2.75 8.26	37.93 2.61 5.33	49.96 3.22 0.55	150.52 8.21 -4.33	54.56 3.02 2.06	43.82 1.91 -4.72	43.04 1.94 0.00	41.34 1.68 -0.32	36.05 1.66 -0.53	33.60 1.36 -0.04
ASTORIA_GT3_4 24101	23.33 1.25 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.49 1.02 0.00	30.09 1.24 0.00	29.30 1.35 0.00	26.60 1.38 0.00	25.82 1.26 0.00	26.61 1.36 0.00	25.53 1.50 0.00	33.01 1.89 5.45	43.15 2.71 8.73	43.62 2.75 8.26	37.93 2.61 5.33	49.96 3.22 0.55	150.52 8.21 -4.33	54.56 3.02 2.06	43.82 1.91 -4.72	43.04 1.94 0.00	41.34 1.68 -0.32	36.05 1.66 -0.53	33.60 1.36 -0.04
ASTORIA_GT4_1 24102	23.33 1.25 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.49 1.02 0.00	30.09 1.24 0.00	29.30 1.35 0.00	26.60 1.38 0.00	25.82 1.26 0.00	26.61 1.36 0.00	25.53 1.50 0.00	33.01 1.89 5.45	43.15 2.71 8.73	43.62 2.75 8.26	37.93 2.61 5.33	49.96 3.22 0.55	150.52 8.21 -4.33	54.56 3.02 2.06	43.82 1.91 -4.72	43.04 1.94 0.00	41.34 1.68 -0.32	36.05 1.66 -0.53	33.60 1.36 -0.04
ASTORIA_GT4_2 24103	23.33 1.25 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.49 1.02 0.00	30.09 1.24 0.00	29.30 1.35 0.00	26.60 1.38 0.00	25.82 1.26 0.00	26.61 1.36 0.00	25.53 1.50 0.00	33.01 1.89 5.45	43.15 2.71 8.73	43.62 2.75 8.26	37.93 2.61 5.33	49.96 3.22 0.55	150.52 8.21 -4.33	54.56 3.02 2.06	43.82 1.91 -4.72	43.04 1.94 0.00	41.34 1.68 -0.32	36.05 1.66 -0.53	33.60 1.36 -0.04
ASTORIA_GT4_3 24104	23.33 1.25 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.49 1.02 0.00	30.09 1.24 0.00	29.30 1.35 0.00	26.60 1.38 0.00	25.82 1.26 0.00	26.61 1.36 0.00	25.53 1.50 0.00	33.01 1.89 5.45	43.15 2.71 8.73	43.62 2.75 8.26	37.93 2.61 5.33	49.96 3.22 0.55	150.52 8.21 -4.33	54.56 3.02 2.06	43.82 1.91 -4.72	43.04 1.94 0.00	41.34 1.68 -0.32	36.05 1.66 -0.53	33.60 1.36 -0.04

ASTORIA_GT4_4 24105	23.33 1.25 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.49 1.02 0.00	30.09 1.24 0.00	29.30 1.35 0.00	26.60 1.38 0.00	25.82 1.26 0.00	26.61 1.36 0.00	25.53 1.50 0.00	33.01 1.89 5.45	43.15 2.71 8.73	43.62 2.75 8.26	37.93 2.61 5.33	49.96 3.22 0.55	150.52 8.21 -4.33	54.56 3.02 2.06	43.82 1.91 -4.72	43.04 1.94 0.00	41.34 1.68 -0.32	36.05 1.66 -0.53	33.60 1.36 -0.04
ASTORIA_GT_1 23523	23.36 1.28 1.00	25.71 1.08 0.00	23.85 1.09 0.00	21.29 0.95 0.00	22.46 1.03 0.00	25.53 1.05 0.00	30.14 1.29 0.00	29.35 1.39 0.00	26.64 1.42 0.00	25.86 1.30 0.00	26.66 1.41 0.00	25.57 1.55 0.00	33.07 1.94 5.45	43.25 2.81 8.73	43.71 2.84 8.26	38.02 2.69 5.33	50.05 3.30 0.55	150.77 8.46 -4.33	54.65 3.11 2.06	43.89 1.98 -4.72	43.10 2.00 0.00	41.40 1.75 -0.32	36.11 1.72 -0.53	33.65 1.41 -0.04
ASTORIA_GT_10 24110	23.33 1.25 1.00	25.69 1.06 0.00	23.83 1.06 0.00	21.29 0.95 0.00	22.46 1.02 0.00	25.53 1.05 0.00	30.17 1.32 0.00	29.34 1.38 0.00	26.58 1.36 0.00	25.85 1.29 0.00	26.62 1.37 0.00	25.51 1.49 0.00	33.13 2.00 5.45	43.21 2.77 8.73	43.24 2.84 8.73	37.23 2.66 6.08	43.31 3.30 7.28	145.22 8.53 1.30	54.61 3.07 2.06	39.13 1.95 0.00	43.06 1.96 0.00	41.05 1.71 0.00	35.49 1.64 0.00	33.57 1.37 0.00
ASTORIA_GT_11 24225	23.33 1.25 1.00	25.69 1.06 0.00	23.83 1.06 0.00	21.29 0.95 0.00	22.46 1.02 0.00	25.53 1.05 0.00	30.17 1.32 0.00	29.34 1.38 0.00	26.58 1.36 0.00	25.85 1.29 0.00	26.62 1.37 0.00	25.51 1.49 0.00	33.13 2.00 5.45	43.21 2.77 8.73	43.24 2.84 8.73	37.23 2.66 6.08	43.31 3.30 7.28	145.22 8.53 1.30	54.61 3.07 2.06	39.13 1.95 0.00	43.06 1.96 0.00	41.05 1.71 0.00	35.49 1.64 0.00	33.57 1.37 0.00
ASTORIA_GT_12 24226	23.33 1.25 1.00	25.69 1.06 0.00	23.83 1.06 0.00	21.29 0.95 0.00	22.46 1.02 0.00	25.53 1.05 0.00	30.17 1.32 0.00	29.34 1.38 0.00	26.58 1.36 0.00	25.85 1.29 0.00	26.62 1.37 0.00	25.51 1.49 0.00	33.13 2.00 5.45	43.21 2.77 8.73	43.24 2.84 8.73	37.23 2.66 6.08	43.31 3.30 7.28	145.22 8.53 1.30	54.61 3.07 2.06	39.13 1.95 0.00	43.06 1.96 0.00	41.05 1.71 0.00	35.49 1.64 0.00	33.57 1.37 0.00
ASTORIA_GT_13 24227	23.33 1.25 1.00	25.69 1.06 0.00	23.83 1.06 0.00	21.29 0.95 0.00	22.46 1.02 0.00	25.53 1.05 0.00	30.17 1.32 0.00	29.34 1.38 0.00	26.58 1.36 0.00	25.85 1.29 0.00	26.62 1.37 0.00	25.51 1.49 0.00	33.13 2.00 5.45	43.21 2.77 8.73	43.24 2.84 8.73	37.23 2.66 6.08	43.31 3.30 7.28	145.22 8.53 1.30	54.61 3.07 2.06	39.13 1.95 0.00	43.06 1.96 0.00	41.05 1.71 0.00	35.49 1.64 0.00	33.57 1.37 0.00
ASTORIA_GT_5 24106	23.36 1.28 1.00	25.71 1.08 0.00	23.85 1.09 0.00	21.29 0.95 0.00	22.46 1.03 0.00	25.53 1.05 0.00	30.14 1.29 0.00	29.35 1.39 0.00	26.64 1.42 0.00	25.86 1.30 0.00	26.66 1.41 0.00	25.57 1.55 0.00	33.07 1.94 5.45	43.25 2.81 8.73	43.71 2.84 8.26	38.02 2.69 5.33	50.05 3.30 0.55	150.77 8.46 -4.33	54.65 3.11 2.06	43.89 1.98 -4.72	43.10 2.00 0.00	41.40 1.75 -0.32	36.11 1.72 -0.53	33.65 1.41 -0.04
ASTORIA_GT_7 24107	23.36 1.28 1.00	25.71 1.08 0.00	23.85 1.09 0.00	21.29 0.95 0.00	22.46 1.03 0.00	25.53 1.05 0.00	30.14 1.29 0.00	29.35 1.39 0.00	26.64 1.42 0.00	25.86 1.30 0.00	26.66 1.41 0.00	25.57 1.55 0.00	33.07 1.94 5.45	43.25 2.81 8.73	43.71 2.84 8.26	38.02 2.69 5.33	50.05 3.30 0.55	150.77 8.46 -4.33	54.65 3.11 2.06	43.89 1.98 -4.72	43.10 2.00 0.00	41.40 1.75 -0.32	36.11 1.72 -0.53	33.65 1.41 -0.04
ASTORIA_GT_8 24108	23.36 1.28 1.00	25.71 1.08 0.00	23.85 1.09 0.00	21.29 0.95 0.00	22.46 1.03 0.00	25.53 1.05 0.00	30.14 1.29 0.00	29.35 1.39 0.00	26.64 1.42 0.00	25.86 1.30 0.00	26.66 1.41 0.00	25.57 1.55 0.00	33.07 1.94 5.45	43.25 2.81 8.73	43.71 2.84 8.26	38.02 2.69 5.33	50.05 3.30 0.55	150.77 8.46 -4.33	54.65 3.11 2.06	43.89 1.98 -4.72	43.10 2.00 0.00	41.40 1.75 -0.32	36.11 1.72 -0.53	33.65 1.41 -0.04
ASTORIA___2 24149	23.33 1.25 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 0.99 0.00	25.49 1.02 0.00	30.09 1.24 0.00	29.30 1.35 0.00	26.61 1.39 0.00	25.82 1.26 0.00	26.61 1.36 0.00	25.53 1.50 0.00	33.03 1.90 5.45	43.11 2.67 8.73	43.59 2.71 8.26	37.94 2.62 5.33	49.96 3.22 0.55	150.49 8.18 -4.33	54.58 3.04 2.06	43.82 1.91 -4.72	43.03 1.94 0.00	41.34 1.68 -0.32	36.05 1.66 -0.53	33.60 1.37 -0.04
ASTORIA___3 23516	23.33 1.25 1.00	25.69 1.06 0.00	23.83 1.06 0.00	21.29 0.95 0.00	22.46 1.02 0.00	25.53 1.05 0.00	30.17 1.32 0.00	29.33 1.38 0.00	26.58 1.36 0.00	25.85 1.29 0.00	26.62 1.37 0.00	25.51 1.48 0.00	33.13 2.00 5.45	43.18 2.74 8.73	43.22 2.83 8.73	37.22 2.66 6.08	43.31 3.29 7.28	145.22 8.53 1.30	54.61 3.07 2.06	39.13 1.95 0.00	43.06 1.97 0.00	41.05 1.71 0.00	35.50 1.64 0.00	33.57 1.38 0.00
ASTORIA___4 23517	23.33 1.25 1.00	25.69 1.06 0.00	23.83 1.06 0.00	21.29 0.95 0.00	22.46 1.02 0.00	25.53 1.05 0.00	30.17 1.32 0.00	29.34 1.38 0.00	26.58 1.36 0.00	25.85 1.29 0.00	26.62 1.37 0.00	25.51 1.49 0.00	33.13 2.00 5.45	43.21 2.77 8.73	43.24 2.84 8.73	37.23 2.66 6.08	43.31 3.30 7.28	145.22 8.53 1.30	54.61 3.07 2.06	39.13 1.95 0.00	43.06 1.96 0.00	41.05 1.71 0.00	35.49 1.64 0.00	33.57 1.37 0.00
ASTORIA___5 23518	23.33 1.25 1.00	25.69 1.06 0.00	23.83 1.06 0.00	21.29 0.95 0.00	22.46 1.02 0.00	25.53 1.05 0.00	30.17 1.32 0.00	29.33 1.38 0.00	26.58 1.36 0.00	25.85 1.29 0.00	26.62 1.37 0.00	25.51 1.48 0.00	33.13 2.00 5.45	43.18 2.74 8.73	43.22 2.83 8.73	37.22 2.66 6.08	43.31 3.29 7.28	145.22 8.53 1.30	54.61 3.07 2.06	39.13 1.95 0.00	43.06 1.97 0.00	41.05 1.71 0.00	35.50 1.64 0.00	33.57 1.38 0.00
AST_ENERGY_2_CC3 323677	23.26 1.18 1.01	25.62 0.99 0.00	23.75 0.98 0.00	21.22 0.88 0.00	22.38 0.95 0.00	25.47 0.99 0.00	30.07 1.22 0.00	29.22 1.27 0.00	26.47 1.26 0.00	25.80 1.25 0.00	26.58 1.33 0.00	25.46 1.43 0.00	33.07 1.95 5.45	43.04 2.60 8.73	43.09 2.69 8.73	37.13 2.56 6.08	43.17 3.16 7.28	144.83 8.15 1.30	54.50 2.95 2.06	39.05 1.87 0.00	42.95 1.86 0.00	40.97 1.63 0.00	35.42 1.56 0.00	33.50 1.31 0.00
AST_ENERGY_2_CC4 323678	23.26 1.18 1.01	25.62 0.99 0.00	23.75 0.98 0.00	21.22 0.88 0.00	22.38 0.95 0.00	25.47 0.99 0.00	30.07 1.22 0.00	29.22 1.27 0.00	26.47 1.26 0.00	25.80 1.25 0.00	26.58 1.33 0.00	25.46 1.43 0.00	33.07 1.95 5.45	43.04 2.60 8.73	43.09 2.69 8.73	37.13 2.56 6.08	43.17 3.16 7.28	144.83 8.15 1.30	54.50 2.95 2.06	39.05 1.87 0.00	42.95 1.86 0.00	40.97 1.63 0.00	35.42 1.56 0.00	33.50 1.31 0.00

ATHENS_STG_1 23668	22.64 0.45 0.89	24.99 0.36 0.00	23.17 0.40 0.00	20.71 0.37 0.00	21.84 0.41 0.00	24.88 0.40 0.00	29.30 0.45 0.00	28.39 0.44 0.00	25.64 0.43 0.00	24.97 0.41 0.00	25.69 0.43 0.00	24.49 0.46 0.00	32.37 0.59 4.80	42.28 0.80 7.70	42.24 0.80 7.70	36.01 0.75 5.39	41.78 0.95 6.46	139.28 2.45 1.15	52.69 0.91 1.82	37.66 0.47 0.00	41.57 0.48 0.00	39.74 0.40 0.00	34.28 0.42 0.00	32.54 0.35 0.00
ATHENS_STG_2 23670	22.64 0.45 0.89	24.99 0.36 0.00	23.17 0.40 0.00	20.71 0.37 0.00	21.84 0.41 0.00	24.88 0.40 0.00	29.30 0.45 0.00	28.39 0.44 0.00	25.64 0.43 0.00	24.97 0.41 0.00	25.69 0.43 0.00	24.49 0.46 0.00	32.37 0.59 4.80	42.28 0.80 7.70	42.24 0.80 7.70	36.01 0.75 5.39	41.78 0.95 6.46	139.28 2.45 1.15	52.69 0.91 1.82	37.66 0.47 0.00	41.57 0.48 0.00	39.74 0.40 0.00	34.28 0.42 0.00	32.54 0.35 0.00
ATHENS_STG_3 23677	22.64 0.45 0.89	24.99 0.36 0.00	23.17 0.40 0.00	20.71 0.37 0.00	21.84 0.41 0.00	24.88 0.40 0.00	29.30 0.45 0.00	28.39 0.44 0.00	25.64 0.43 0.00	24.97 0.41 0.00	25.69 0.43 0.00	24.49 0.46 0.00	32.37 0.59 4.80	42.28 0.80 7.70	42.24 0.80 7.70	36.01 0.75 5.39	41.78 0.95 6.46	139.28 2.45 1.15	52.69 0.91 1.82	37.66 0.47 0.00	41.57 0.48 0.00	39.74 0.40 0.00	34.28 0.42 0.00	32.54 0.35 0.00
AUBURN___LFGE 323710	13.25 -0.62 9.21	24.01 -0.62 0.00	22.17 -0.59 0.00	19.81 -0.53 0.00	20.92 -0.52 0.00	23.99 -0.48 0.00	28.26 -0.59 0.00	27.20 -0.75 0.00	24.42 -0.80 0.00	23.70 -0.86 0.00	24.31 -0.94 0.00	23.02 -1.00 0.00	-17.86 -1.43 53.01	-37.85 -1.96 85.07	-37.79 -1.85 85.07	-18.03 -1.73 56.95	-21.42 -1.99 66.73	120.73 -5.36 11.88	33.00 -1.92 18.68	36.23 -0.96 0.00	40.14 -0.96 0.00	38.39 -0.95 0.00	33.12 -0.74 0.00	31.36 -0.83 0.00
BABYLON_RES_REC 323704	23.55 1.47 1.00	26.00 1.37 0.00	24.02 1.26 0.00	21.44 1.10 0.00	22.64 1.20 0.00	25.86 1.38 0.00	30.54 1.68 0.00	29.55 1.60 0.00	26.68 1.47 0.00	25.96 1.40 0.00	26.86 1.61 0.00	25.78 1.75 0.00	33.55 2.43 5.45	43.50 3.06 8.73	46.09 3.30 6.33	47.80 3.20 -3.95	36.80 3.83 14.33	139.43 10.03 8.58	58.93 3.75 -1.58	44.62 2.61 -4.82	52.32 2.69 -8.54	50.95 2.60 -9.00	47.59 2.39 -11.34	37.41 2.08 -3.14
BALL_HILL_WT_PWR 323825	16.58 -1.54 4.97	23.20 -1.43 0.00	21.30 -1.46 0.00	18.94 -1.40 0.00	19.97 -1.47 0.00	23.10 -1.38 0.00	27.29 -1.57 0.00	26.08 -1.88 0.00	23.21 -2.01 0.00	22.66 -1.89 0.00	23.27 -1.98 0.00	21.93 -2.09 0.00	4.03 -2.38 30.16	-0.01 -2.94 46.25	0.34 -2.31 46.48	7.14 -2.69 30.82	7.82 -3.57 35.91	112.95 -11.21 13.82	36.33 -4.71 12.55	33.98 -3.20 0.00	37.64 -3.46 0.00	36.44 -2.90 0.00	31.64 -2.21 0.00	30.21 -1.98 0.00
BARON_WINDS___WT_PWR 323822	16.35 -1.25 5.48	23.43 -1.20 0.00	21.65 -1.11 0.00	19.34 -1.00 0.00	20.46 -0.97 0.00	23.61 -0.86 0.00	27.91 -0.95 0.00	26.67 -1.28 0.00	23.80 -1.41 0.00	23.20 -1.35 0.00	23.74 -1.51 0.00	22.43 -1.60 0.00	1.49 -1.98 33.11	-5.26 -2.59 51.84	-5.11 -2.39 51.85	3.91 -2.47 34.27	4.26 -3.21 39.83	75.48 -9.80 52.70	27.54 -3.86 22.20	35.02 -2.17 0.00	38.84 -2.26 0.00	37.42 -1.92 0.00	32.28 -1.58 0.00	30.71 -1.48 0.00
BARRETT_IC_1 23704	23.33 1.26 1.00	25.78 1.14 0.00	23.82 1.06 0.00	21.26 0.92 0.00	22.45 1.02 0.00	25.62 1.15 0.00	30.23 1.38 0.00	29.25 1.30 0.00	26.43 1.21 0.00	25.75 1.19 0.00	26.67 1.43 0.00	67.32 1.58 -41.72	90.07 2.18 -51.31	91.84 2.83 -39.84	111.81 2.93 -59.75	155.75 2.71 -112.40	124.05 3.18 -73.57	195.92 7.95 -49.99	95.53 2.91 -39.02	183.62 2.05 -144.39	127.43 2.05 -84.29	137.26 1.97 -95.95	159.22 1.82 -123.54	123.73 1.66 -89.88
BARRETT_IC_10 23701	23.33 1.26 1.00	25.78 1.14 0.00	23.82 1.06 0.00	21.26 0.92 0.00	22.45 1.02 0.00	25.62 1.15 0.00	30.23 1.38 0.00	29.25 1.30 0.00	26.43 1.21 0.00	25.75 1.19 0.00	26.67 1.43 0.00	41.16 1.58 -15.56	55.43 2.18 -16.67	56.60 2.83 -4.60	45.33 2.93 6.73	47.18 2.71 -3.82	-203.98 3.18 254.46	-67.46 7.95 213.39	68.18 2.91 -11.67	-106.92 2.05 146.15	71.44 2.05 -28.29	61.26 1.97 -19.95	56.23 1.82 -20.55	59.03 1.66 -25.18
BARRETT_IC_11 23702	23.33 1.26 1.00	25.78 1.14 0.00	23.82 1.06 0.00	21.26 0.92 0.00	22.45 1.02 0.00	25.62 1.15 0.00	30.23 1.38 0.00	29.25 1.30 0.00	26.43 1.21 0.00	25.75 1.19 0.00	26.67 1.43 0.00	41.16 1.58 -15.56	55.43 2.18 -16.67	56.60 2.83 -4.60	45.33 2.93 6.73	47.18 2.71 -3.82	-203.98 3.18 254.46	-67.46 7.95 213.39	68.18 2.91 -11.67	-106.92 2.05 146.15	71.44 2.05 -28.29	61.26 1.97 -19.95	56.23 1.82 -20.55	59.03 1.66 -25.18
BARRETT_IC_12 23703	23.33 1.26 1.00	25.78 1.14 0.00	23.82 1.06 0.00	21.26 0.92 0.00	22.45 1.02 0.00	25.62 1.15 0.00	30.23 1.38 0.00	29.25 1.30 0.00	26.43 1.21 0.00	25.75 1.19 0.00	26.67 1.43 0.00	41.16 1.58 -15.56	55.43 2.18 -16.67	56.60 2.83 -4.60	45.33 2.93 6.73	47.18 2.71 -3.82	-203.98 3.18 254.46	-67.46 7.95 213.39	68.18 2.91 -11.67	-106.92 2.05 146.15	71.44 2.05 -28.29	61.26 1.97 -19.95	56.23 1.82 -20.55	59.03 1.66 -25.18
BARRETT_IC_2 23705	23.33 1.26 1.00	25.78 1.14 0.00	23.82 1.06 0.00	21.26 0.92 0.00	22.45 1.02 0.00	25.62 1.15 0.00	30.23 1.38 0.00	29.25 1.30 0.00	26.43 1.21 0.00	25.75 1.19 0.00	26.67 1.43 0.00	67.32 1.58 -41.72	90.07 2.18 -51.31	91.84 2.83 -39.84	111.81 2.93 -59.75	155.75 2.71 -112.40	124.05 3.18 -73.57	195.92 7.95 -49.99	95.53 2.91 -39.02	183.62 2.05 -144.39	127.43 2.05 -84.29	137.26 1.97 -95.95	159.22 1.82 -123.54	123.73 1.66 -89.88
BARRETT_IC_3 23706	23.33 1.26 1.00	25.78 1.14 0.00	23.82 1.06 0.00	21.26 0.92 0.00	22.45 1.02 0.00	25.62 1.15 0.00	30.23 1.38 0.00	29.25 1.30 0.00	26.43 1.21 0.00	25.75 1.19 0.00	26.67 1.43 0.00	67.32 1.58 -41.72	90.07 2.18 -51.31	91.84 2.83 -39.84	111.81 2.93 -59.75	155.75 2.71 -112.40	124.05 3.18 -73.57	195.92 7.95 -49.99	95.53 2.91 -39.02	183.62 2.05 -144.39	127.43 2.05 -84.29	137.26 1.97 -95.95	159.22 1.82 -123.54	123.73 1.66 -89.88
BARRETT_IC_4 23707	23.33 1.26 1.00	25.78 1.14 0.00	23.82 1.06 0.00	21.26 0.92 0.00	22.45 1.02 0.00	25.62 1.15 0.00	30.23 1.38 0.00	29.25 1.30 0.00	26.43 1.21 0.00	25.75 1.19 0.00	26.67 1.43 0.00	67.32 1.58 -41.72	90.07 2.18 -51.31	91.84 2.83 -39.84	111.81 2.93 -59.75	155.75 2.71 -112.40	124.05 3.18 -73.57	195.92 7.95 -49.99	95.53 2.91 -39.02	183.62 2.05 -144.39	127.43 2.05 -84.29	137.26 1.97 -95.95	159.22 1.82 -123.54	123.73 1.66 -89.88
BARRETT_IC_5 23708	23.33 1.26 1.00	25.78 1.14 0.00	23.82 1.06 0.00	21.26 0.92 0.00	22.45 1.02 0.00	25.62 1.15 0.00	30.23 1.38 0.00	29.25 1.30 0.00	26.43 1.21 0.00	25.75 1.19 0.00	26.67 1.43 0.00	67.32 1.58 -41.72	90.07 2.18 -51.31	91.84 2.83 -39.84	111.81 2.93 -59.75	155.75 2.71 -112.40	124.05 3.18 -73.57	195.92 7.95 -49.99	95.53 2.91 -39.02	183.62 2.05 -144.39	127.43 2.05 -84.29	137.26 1.97 -95.95	159.22 1.82 -123.54	123.73 1.66 -89.88

BARRETT_IC_6 23709	23.33 1.26 1.00	25.78 1.14 0.00	23.82 1.06 0.00	21.26 0.92 0.00	22.45 1.02 0.00	25.62 1.15 0.00	30.23 1.38 0.00	29.25 1.30 0.00	26.43 1.21 0.00	25.75 1.19 0.00	26.67 1.43 0.00	67.32 1.58 -41.72	90.07 2.18 -51.31	91.84 2.83 -39.84	111.81 2.93 -59.75	155.75 2.71 -112.40	124.05 3.18 -73.57	195.92 7.95 -49.99	95.53 2.91 -39.02	183.62 2.05 -144.39	127.43 2.05 -84.29	137.26 1.97 -95.95	159.22 1.82 -123.54	123.73 1.66 -89.88
BARRETT_IC_7 23710	23.33 1.26 1.00	25.77 1.14 0.00	23.82 1.06 0.00	21.26 0.92 0.00	22.45 1.02 0.00	25.62 1.15 0.00	30.23 1.38 0.00	29.25 1.30 0.00	26.43 1.21 0.00	25.75 1.19 0.00	26.67 1.42 0.00	67.32 1.58 -41.72	90.10 2.21 -51.31	91.89 2.88 -39.84	111.81 2.93 -59.75	155.75 2.71 -112.40	124.05 3.19 -73.57	195.98 8.01 -49.99	95.52 2.90 -39.02	183.63 2.06 -144.39	127.43 2.05 -84.29	137.26 1.97 -95.95	159.23 1.83 -123.54	123.73 1.66 -89.88
BARRETT_IC_8 23711	23.33 1.26 1.00	25.78 1.14 0.00	23.82 1.06 0.00	21.26 0.92 0.00	22.45 1.02 0.00	25.62 1.15 0.00	30.23 1.38 0.00	29.25 1.30 0.00	26.43 1.21 0.00	25.75 1.19 0.00	26.67 1.43 0.00	67.32 1.58 -41.72	90.07 2.18 -51.31	91.84 2.83 -39.84	111.81 2.93 -59.75	155.75 2.71 -112.40	124.05 3.18 -73.57	195.92 7.95 -49.99	95.53 2.91 -39.02	183.62 2.05 -144.39	127.43 2.05 -84.29	137.26 1.97 -95.95	159.22 1.82 -123.54	123.73 1.66 -89.88
BARRETT_IC_9 23700	23.33 1.26 1.00	25.78 1.14 0.00	23.82 1.06 0.00	21.26 0.92 0.00	22.45 1.02 0.00	25.62 1.15 0.00	30.23 1.38 0.00	29.25 1.30 0.00	26.43 1.21 0.00	25.75 1.19 0.00	26.67 1.43 0.00	41.16 1.58 -15.56	55.43 2.18 -16.67	56.60 2.83 -4.60	45.33 2.93 6.73	47.18 2.71 -3.82	-203.98 3.18 254.46	-67.46 7.95 213.39	68.18 2.91 -11.67	-106.92 2.05 146.15	71.44 2.05 -28.29	61.26 1.97 -19.95	56.23 1.82 -20.55	59.03 1.66 -25.18
BARRETT___1 23545	23.33 1.26 1.00	25.78 1.14 0.00	23.82 1.06 0.00	21.26 0.92 0.00	22.45 1.02 0.00	25.62 1.15 0.00	30.23 1.38 0.00	29.25 1.30 0.00	26.43 1.21 0.00	25.75 1.19 0.00	26.67 1.43 0.00	67.32 1.58 -41.72	90.07 2.18 -51.31	91.84 2.83 -39.84	111.81 2.93 -59.75	155.75 2.71 -112.40	124.05 3.18 -73.57	195.92 7.95 -49.99	95.53 2.91 -39.02	183.62 2.05 -144.39	127.43 2.05 -84.29	137.26 1.97 -95.95	159.22 1.82 -123.54	123.73 1.66 -89.88
BARRETT___2 23546	23.33 1.26 1.00	25.78 1.14 0.00	23.82 1.06 0.00	21.26 0.92 0.00	22.45 1.02 0.00	25.62 1.15 0.00	30.23 1.38 0.00	29.25 1.30 0.00	26.43 1.21 0.00	25.75 1.19 0.00	26.67 1.43 0.00	41.16 1.58 -15.56	55.43 2.18 -16.67	56.60 2.83 -4.60	45.33 2.93 6.73	47.18 2.71 -3.82	-203.98 3.18 254.46	-67.46 7.95 213.39	68.18 2.91 -11.67	-106.92 2.05 146.15	71.44 2.05 -28.29	61.26 1.97 -19.95	56.23 1.82 -20.55	59.03 1.66 -25.18
BATAVIA___115KV_TB1 55881	16.86 -1.32 4.89	23.38 -1.25 0.00	21.39 -1.37 0.00	19.03 -1.31 0.00	20.09 -1.34 0.00	23.21 -1.26 0.00	27.45 -1.41 0.00	26.13 -1.82 0.00	23.28 -1.94 0.00	22.57 -1.98 0.00	23.18 -2.07 0.00	21.83 -2.20 0.00	4.11 -2.47 30.00	0.20 -3.23 45.74	0.49 -2.90 45.74	7.00 -3.26 30.38	7.61 -4.23 35.45	114.41 -13.07 10.50	37.47 -4.81 11.32	34.27 -2.92 0.00	38.25 -2.84 0.00	37.02 -2.32 0.00	32.09 -1.77 0.00	30.75 -1.44 0.00
BAYONEEC___CTG1 323682	23.27 1.19 1.01	25.65 1.02 0.00	23.75 0.99 0.00	21.22 0.88 0.00	22.38 0.95 0.00	25.48 1.01 0.00	30.11 1.25 0.00	29.25 1.30 0.00	26.49 1.27 0.00	25.82 1.26 0.00	26.59 1.34 0.00	25.47 1.44 0.00	33.12 1.99 5.45	43.13 2.68 8.73	43.17 2.77 8.73	37.18 2.61 6.08	43.25 3.23 7.28	145.05 8.37 1.30	54.56 3.02 2.06	39.23 1.91 -0.14	43.01 1.92 0.00	41.98 1.68 -0.96	36.84 1.62 -1.37	33.55 1.35 0.00
BAYONEEC___CTG10 323750	23.27 1.19 1.01	25.65 1.02 0.00	23.75 0.99 0.00	21.22 0.88 0.00	22.38 0.95 0.00	25.48 1.01 0.00	30.11 1.25 0.00	29.25 1.30 0.00	26.49 1.27 0.00	25.82 1.26 0.00	26.59 1.34 0.00	25.47 1.44 0.00	33.12 1.99 5.45	43.13 2.68 8.73	43.17 2.77 8.73	37.18 2.61 6.08	43.25 3.23 7.28	145.05 8.37 1.30	54.56 3.02 2.06	39.23 1.91 -0.14	43.01 1.92 0.00	41.98 1.68 -0.96	36.84 1.62 -1.37	33.55 1.35 0.00
BAYONEEC___CTG2 323683	23.27 1.19 1.01	25.65 1.02 0.00	23.75 0.99 0.00	21.22 0.88 0.00	22.38 0.95 0.00	25.48 1.01 0.00	30.11 1.25 0.00	29.25 1.30 0.00	26.49 1.27 0.00	25.82 1.26 0.00	26.59 1.34 0.00	25.47 1.44 0.00	33.12 1.99 5.45	43.13 2.68 8.73	43.17 2.77 8.73	37.18 2.61 6.08	43.25 3.23 7.28	145.05 8.37 1.30	54.56 3.02 2.06	39.23 1.91 -0.14	43.01 1.92 0.00	41.98 1.68 -0.96	36.84 1.62 -1.37	33.55 1.35 0.00
BAYONEEC___CTG3 323684	23.27 1.19 1.01	25.65 1.02 0.00	23.75 0.99 0.00	21.22 0.88 0.00	22.38 0.95 0.00	25.48 1.01 0.00	30.11 1.25 0.00	29.25 1.30 0.00	26.49 1.27 0.00	25.82 1.26 0.00	26.59 1.34 0.00	25.47 1.44 0.00	33.12 1.99 5.45	43.13 2.68 8.73	43.17 2.77 8.73	37.18 2.61 6.08	43.25 3.23 7.28	145.05 8.37 1.30	54.56 3.02 2.06	39.23 1.91 -0.14	43.01 1.92 0.00	41.98 1.68 -0.96	36.84 1.62 -1.37	33.55 1.35 0.00
BAYONEEC___CTG4 323685	23.27 1.19 1.01	25.65 1.02 0.00	23.75 0.99 0.00	21.22 0.88 0.00	22.38 0.95 0.00	25.48 1.01 0.00	30.11 1.25 0.00	29.25 1.30 0.00	26.49 1.27 0.00	25.82 1.26 0.00	26.59 1.34 0.00	25.47 1.44 0.00	33.12 1.99 5.45	43.13 2.68 8.73	43.17 2.77 8.73	37.18 2.61 6.08	43.25 3.23 7.28	145.05 8.37 1.30	54.56 3.02 2.06	39.23 1.91 -0.14	43.01 1.92 0.00	41.98 1.68 -0.96	36.84 1.62 -1.37	33.55 1.35 0.00
BAYONEEC___CTG5 323686	23.27 1.19 1.01	25.65 1.02 0.00	23.75 0.99 0.00	21.22 0.88 0.00	22.38 0.95 0.00	25.48 1.01 0.00	30.11 1.25 0.00	29.25 1.30 0.00	26.49 1.27 0.00	25.82 1.26 0.00	26.59 1.34 0.00	25.47 1.44 0.00	33.12 1.99 5.45	43.13 2.68 8.73	43.17 2.77 8.73	37.18 2.61 6.08	43.25 3.23 7.28	145.05 8.37 1.30	54.56 3.02 2.06	39.23 1.91 -0.14	43.01 1.92 0.00	41.98 1.68 -0.96	36.84 1.62 -1.37	33.55 1.35 0.00
BAYONEEC___CTG6 323687	23.27 1.19 1.01	25.65 1.02 0.00	23.75 0.99 0.00	21.22 0.88 0.00	22.38 0.95 0.00	25.48 1.01 0.00	30.11 1.25 0.00	29.25 1.30 0.00	26.49 1.27 0.00	25.82 1.26 0.00	26.59 1.34 0.00	25.47 1.44 0.00	33.12 1.99 5.45	43.13 2.68 8.73	43.17 2.77 8.73	37.18 2.61 6.08	43.25 3.23 7.28	145.05 8.37 1.30	54.56 3.02 2.06	39.23 1.91 -0.14	43.01 1.92 0.00	41.98 1.68 -0.96	36.84 1.62 -1.37	33.55 1.35 0.00
BAYONEEC___CTG7 323688	23.27 1.19 1.01	25.65 1.02 0.00	23.75 0.99 0.00	21.22 0.88 0.00	22.38 0.95 0.00	25.48 1.01 0.00	30.11 1.25 0.00	29.25 1.30 0.00	26.49 1.27 0.00	25.82 1.26 0.00	26.59 1.34 0.00	25.47 1.44 0.00	33.12 1.99 5.45	43.13 2.68 8.73	43.17 2.77 8.73	37.18 2.61 6.08	43.25 3.23 7.28	145.05 8.37 1.30	54.56 3.02 2.06	39.23 1.91 -0.14	43.01 1.92 0.00	41.98 1.68 -0.96	36.84 1.62 -1.37	33.55 1.35 0.00

BAYONEEC___CTG8 323689	23.27 1.19 1.01	25.65 1.02 0.00	23.75 0.99 0.00	21.22 0.88 0.00	22.38 0.95 0.00	25.48 1.01 0.00	30.11 1.25 0.00	29.25 1.30 0.00	26.49 1.27 0.00	25.82 1.26 0.00	26.59 1.34 0.00	25.47 1.44 0.00	33.12 1.99 5.45	43.13 2.68 8.73	43.17 2.77 8.73	37.18 2.61 6.08	43.25 3.23 7.28	145.05 8.37 1.30	54.56 3.02 2.06	39.23 1.91 -0.14	43.01 1.92 0.00	41.98 1.68 -0.96	36.84 1.62 -1.37	33.55 1.35 0.00
BAYONEEC___CTG9 323749	23.27 1.19 1.01	25.65 1.02 0.00	23.75 0.99 0.00	21.22 0.88 0.00	22.38 0.95 0.00	25.48 1.01 0.00	30.11 1.25 0.00	29.25 1.30 0.00	26.49 1.27 0.00	25.82 1.26 0.00	26.59 1.34 0.00	25.47 1.44 0.00	33.12 1.99 5.45	43.13 2.68 8.73	43.17 2.77 8.73	37.18 2.61 6.08	43.25 3.23 7.28	145.05 8.37 1.30	54.56 3.02 2.06	39.23 1.91 -0.14	43.01 1.92 0.00	41.98 1.68 -0.96	36.84 1.62 -1.37	33.55 1.35 0.00
BEACON___LESR 323632	22.79 0.42 0.71	24.95 0.32 0.00	23.12 0.35 0.00	20.68 0.34 0.00	21.82 0.39 0.00	24.94 0.47 0.00	29.29 0.44 0.00	28.34 0.39 0.00	25.48 0.26 0.00	24.91 0.36 0.00	25.54 0.29 0.00	24.30 0.27 0.00	33.35 0.40 3.62	43.85 0.48 5.80	43.75 0.41 5.80	36.86 0.49 4.28	42.75 0.61 5.15	139.14 2.08 0.92	52.99 0.85 1.46	37.61 0.42 0.00	41.65 0.56 0.00	39.68 0.34 0.00	34.15 0.30 0.00	32.49 0.30 0.00
BEAVER RIVER___HYD 24048	17.78 -0.66 4.64	24.18 -0.45 0.00	22.40 -0.36 0.00	19.95 -0.39 0.00	21.16 -0.27 0.00	24.30 -0.17 0.00	28.75 -0.10 0.00	27.81 -0.13 0.00	24.85 -0.36 0.00	24.08 -0.47 0.00	24.65 -0.59 0.00	23.31 -0.71 0.00	9.31 -0.97 26.30	5.23 -1.31 42.64	5.31 -1.18 42.64	11.03 -0.97 28.65	12.50 -1.15 33.64	129.54 -2.44 5.99	43.31 -0.79 9.50	37.13 -0.06 0.00	41.06 -0.04 0.00	39.48 0.14 0.00	33.87 0.02 0.00	31.98 -0.21 0.00
BEEBEE_GT_13 23619	16.93 -1.31 4.84	23.39 -1.24 0.00	21.46 -1.30 0.00	19.12 -1.22 0.00	20.18 -1.25 0.00	23.22 -1.42 0.00	27.44 -1.66 0.00	26.29 -1.56 0.00	23.66 -1.54 0.00	23.01 -1.59 0.00	23.66 -1.66 0.00	22.36 -1.66 0.00	4.74 -2.10 29.73	1.21 -2.86 45.11	1.38 -2.64 45.11	7.88 -2.76 30.01	8.82 -3.42 35.06	121.91 -9.83 6.25	39.71 -3.71 10.18	34.77 -2.42 0.00	38.60 -2.50 0.00	37.18 -2.16 0.00	32.11 -1.75 0.00	30.68 -1.51 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.54 1.46 1.00	25.94 1.31 0.00	24.05 1.28 0.00	21.48 1.14 0.00	22.67 1.23 0.00	25.80 1.32 -0.01	30.49 1.63 0.00	29.62 1.66 0.00	26.79 1.57 0.00	26.02 1.47 0.00	26.79 1.54 0.00	25.67 1.64 0.00	33.39 2.26 5.45	43.58 3.14 8.73	43.60 3.20 8.73	37.51 2.95 6.08	43.70 3.69 7.28	146.31 9.63 1.30	54.99 3.44 2.06	39.74 2.24 -0.31	43.39 2.29 0.00	43.52 2.02 -2.16	40.69 1.91 -4.92	33.83 1.64 0.00
BETHLEHEM___GRP 23843	22.34 -0.03 0.71	24.52 -0.11 0.00	22.73 -0.03 0.00	20.34 0.00 0.00	21.45 0.02 0.00	24.45 -0.02 0.00	28.72 -0.13 0.00	27.84 -0.11 0.00	25.10 -0.12 0.00	24.45 -0.11 0.00	25.11 -0.14 0.00	23.89 -0.13 0.00	32.65 -0.30 3.62	42.93 -0.44 5.80	42.83 -0.51 5.80	36.09 -0.28 4.28	41.80 -0.35 5.15	136.59 -0.46 0.92	51.96 -0.18 1.46	36.90 -0.28 0.00	40.80 -0.29 0.00	39.00 -0.34 0.00	33.56 -0.30 0.00	31.93 -0.27 0.00
BETHLEHEM___GS1 323560	22.35 -0.02 0.71	24.52 -0.11 0.00	22.73 -0.03 0.00	20.34 0.00 0.00	21.45 0.02 0.00	24.45 -0.02 0.00	28.72 -0.13 0.00	27.84 -0.11 0.00	25.10 -0.12 0.00	24.45 -0.11 0.00	25.11 -0.14 0.00	23.90 -0.13 0.00	32.68 -0.28 3.62	42.93 -0.45 5.80	42.82 -0.51 5.80	36.09 -0.28 4.28	41.80 -0.35 5.15	136.59 -0.47 0.92	51.97 -0.17 1.46	36.90 -0.29 0.00	40.80 -0.29 0.00	39.00 -0.35 0.00	33.56 -0.30 0.00	31.93 -0.26 0.00
BETHLEHEM___GS2 323561	22.35 -0.02 0.71	24.52 -0.11 0.00	22.73 -0.03 0.00	20.34 0.00 0.00	21.45 0.02 0.00	24.45 -0.02 0.00	28.72 -0.13 0.00	27.84 -0.11 0.00	25.10 -0.12 0.00	24.45 -0.11 0.00	25.11 -0.14 0.00	23.90 -0.13 0.00	32.68 -0.28 3.62	42.93 -0.45 5.80	42.82 -0.51 5.80	36.09 -0.28 4.28	41.80 -0.35 5.15	136.59 -0.47 0.92	51.97 -0.17 1.46	36.90 -0.29 0.00	40.80 -0.29 0.00	39.00 -0.35 0.00	33.56 -0.30 0.00	31.93 -0.26 0.00
BETHLEHEM___GS3 323562	22.35 -0.02 0.71	24.52 -0.11 0.00	22.73 -0.03 0.00	20.34 0.00 0.00	21.45 0.02 0.00	24.45 -0.02 0.00	28.72 -0.13 0.00	27.84 -0.11 0.00	25.10 -0.12 0.00	24.45 -0.11 0.00	25.11 -0.14 0.00	23.90 -0.13 0.00	32.68 -0.28 3.62	42.93 -0.45 5.80	42.82 -0.51 5.80	36.09 -0.28 4.28	41.80 -0.35 5.15	136.59 -0.47 0.92	51.97 -0.17 1.46	36.90 -0.29 0.00	40.80 -0.29 0.00	39.00 -0.35 0.00	33.56 -0.30 0.00	31.93 -0.26 0.00
BETHLEHEM___STEEL 23779	16.49 -1.64 4.95	23.09 -1.54 0.00	21.14 -1.63 0.00	18.80 -1.54 0.00	19.83 -1.61 0.00	22.91 -1.57 0.00	27.06 -1.79 0.00	25.93 -2.02 0.00	23.28 -1.93 0.00	22.73 -1.83 0.00	23.28 -1.97 0.00	21.95 -2.08 0.00	3.99 -2.29 30.29	-0.38 -3.07 46.49	-0.02 -2.65 46.50	6.80 -2.95 30.89	7.42 -3.88 35.99	111.05 -12.49 14.44	36.01 -5.13 12.46	33.72 -3.47 0.00	37.45 -3.64 0.00	36.25 -3.09 0.00	31.50 -2.36 0.00	30.19 -2.00 0.00
BETHLHEM_115KV_TB1 79974	22.41 0.04 0.71	24.59 -0.04 0.00	22.79 0.02 0.00	20.38 0.05 0.00	21.50 0.07 0.00	24.51 0.04 0.00	28.80 -0.05 0.00	27.91 -0.04 0.00	25.17 -0.05 0.00	24.51 -0.05 0.00	25.18 -0.07 0.00	23.96 -0.07 0.00	32.76 -0.19 3.63	43.08 -0.28 5.82	42.97 -0.34 5.82	36.21 -0.16 4.28	41.95 -0.20 5.15	136.93 -0.13 0.92	52.11 -0.03 1.46	37.00 -0.18 0.00	40.91 -0.18 0.00	39.11 -0.23 0.00	33.66 -0.20 0.00	32.01 -0.18 0.00
BETHPAGE_CC_5 323564	23.54 1.47 1.00	25.99 1.36 0.00	24.02 1.26 0.00	21.44 1.10 0.00	22.64 1.20 0.00	25.84 1.37 0.00	30.52 1.67 0.00	29.54 1.59 0.00	26.70 1.49 0.00	25.99 1.43 0.00	26.88 1.63 0.00	27.36 1.78 -1.55	35.77 2.51 3.32	45.39 3.20 6.98	48.79 3.40 3.74	52.49 3.25 -8.59	40.30 3.75 10.74	141.43 9.66 6.21	60.36 3.60 -3.16	50.51 2.52 -10.80	55.49 2.55 -11.84	54.56 2.46 -12.76	52.33 2.30 -16.17	40.63 2.05 -6.39
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.56 -1.55 4.97	23.19 -1.45 0.00	21.22 -1.54 0.00	18.88 -1.46 0.00	19.91 -1.52 0.00	23.00 -1.47 0.00	27.18 -1.67 0.00	26.05 -1.90 0.00	23.41 -1.81 0.00	22.84 -1.72 0.00	23.40 -1.85 0.00	22.06 -1.96 0.00	4.09 -2.12 30.37	-0.31 -2.84 46.64	0.04 -2.43 46.66	6.90 -2.76 30.99	7.53 -3.68 36.09	112.09 -11.88 14.00	36.31 -4.89 12.40	33.88 -3.30 0.00	37.62 -3.48 0.00	36.42 -2.92 0.00	31.63 -2.23 0.00	30.31 -1.88 0.00
BINGHAMTON___COGEN 23790	17.02 -0.39 5.67	24.25 -0.38 0.00	22.44 -0.32 0.00	20.03 -0.31 0.00	21.15 -0.28 0.00	24.21 -0.26 0.00	28.61 -0.24 0.00	27.64 -0.31 0.00	24.90 -0.32 0.00	24.27 -0.29 0.00	24.90 -0.35 0.00	23.61 -0.42 0.00	1.45 -0.48 34.65	-6.89 -0.69 55.37	-6.82 -0.58 55.37	4.18 -0.67 35.80	5.32 -0.87 41.10	128.06 -2.61 7.32	40.67 -1.12 11.81	36.55 -0.64 0.00	40.37 -0.72 0.00	38.75 -0.59 0.00	33.45 -0.40 0.00	31.71 -0.48 0.00

BIXINCNT_115KV_LOAD 355685	16.85 -1.19 5.04	23.61 -1.02 0.00	21.66 -1.11 0.00	19.26 -1.08 0.00	20.37 -1.06 0.00	23.56 -0.91 0.00	27.95 -0.90 0.00	26.77 -1.18 0.00	24.07 -1.15 0.00	23.47 -1.09 0.00	24.07 -1.18 0.00	22.71 -1.31 0.00	4.60 -1.19 30.78	0.06 -1.68 47.44	0.32 -1.37 47.44	7.27 -1.92 31.45	7.93 -2.74 36.62	116.96 -9.38 11.64	37.42 -4.13 12.05	34.47 -2.72 0.00	38.15 -2.94 0.00	36.82 -2.52 0.00	32.03 -1.83 0.00	30.68 -1.51 0.00
BLACK RIVER___HYD 24047	15.43 -0.77 6.89	24.09 -0.54 0.00	22.34 -0.42 0.00	19.89 -0.45 0.00	21.15 -0.29 0.00	24.33 -0.14 0.00	28.84 -0.01 0.00	27.83 -0.12 0.00	24.77 -0.45 0.00	23.84 -0.72 0.00	24.35 -0.90 0.00	22.97 -1.05 0.00	-3.78 -1.39 38.97	-15.92 -1.89 63.21	-15.73 -1.65 63.21	-3.16 -1.32 42.49	-4.09 -1.49 49.90	126.14 -2.95 8.89	38.55 -0.95 14.10	37.16 -0.02 0.00	41.07 -0.02 0.00	39.52 0.18 0.00	33.91 0.06 0.00	31.93 -0.26 0.00
BLACKRVR_115KV_TB2 79977	15.43 -0.77 6.89	24.09 -0.54 0.00	22.34 -0.42 0.00	19.89 -0.45 0.00	21.15 -0.29 0.00	24.33 -0.14 0.00	28.84 -0.01 0.00	27.83 -0.12 0.00	24.77 -0.45 0.00	23.84 -0.72 0.00	24.35 -0.90 0.00	22.97 -1.05 0.00	-3.78 -1.39 38.97	-15.94 -1.91 63.21	-15.73 -1.65 63.21	-3.16 -1.32 42.49	-4.09 -1.49 49.90	126.14 -2.95 8.89	38.55 -0.95 14.10	37.16 -0.02 0.00	41.07 -0.02 0.00	39.52 0.18 0.00	33.91 0.06 0.00	31.93 -0.26 0.00
BLDWN_LI_69_KV_BK4 356085	23.53 1.45 1.00	25.98 1.34 0.00	24.00 1.24 0.00	21.42 1.08 0.00	22.62 1.18 0.00	25.82 1.34 0.00	30.49 1.64 0.00	29.52 1.56 0.00	26.66 1.44 0.00	25.95 1.40 0.00	26.84 1.59 0.00	37.38 1.74 -11.62	49.41 2.45 -10.38	57.03 3.19 -4.66	64.88 3.32 -12.42	79.74 3.12 -35.98	60.04 3.68 -9.06	153.93 9.37 -6.58	69.66 3.40 -12.65	84.42 2.44 -44.80	74.83 2.49 -31.25	76.61 2.41 -34.86	80.78 2.28 -44.65	61.74 2.01 -27.54
BLISS_WT_PWR 323608	16.82 -1.22 5.04	23.61 -1.03 0.00	21.65 -1.12 0.00	19.25 -1.09 0.00	20.36 -1.07 0.00	23.56 -0.91 0.00	27.98 -0.87 0.00	26.79 -1.16 0.00	24.08 -1.14 0.00	23.49 -1.07 0.00	24.09 -1.15 0.00	22.73 -1.29 0.00	4.59 -1.21 30.78	0.25 -1.48 47.44	0.43 -1.26 47.44	7.29 -1.91 31.45	7.94 -2.74 36.62	116.95 -9.39 11.64	37.31 -4.24 12.05	34.42 -2.77 0.00	38.08 -3.02 0.00	36.72 -2.62 0.00	31.95 -1.90 0.00	30.61 -1.58 0.00
BLUESTONE___WT_PWR 323821	18.08 -0.05 4.95	24.68 0.04 0.00	22.73 -0.03 0.00	20.28 -0.06 0.00	21.36 -0.07 0.00	24.52 0.05 0.00	28.89 0.04 0.00	28.27 0.32 0.00	25.73 0.51 0.00	25.25 0.70 0.00	25.82 0.57 0.00	24.43 0.41 0.00	1.11 1.29 36.76	-7.85 1.77 58.80	-7.81 1.86 58.80	7.88 1.07 33.85	12.44 1.02 35.87	135.49 3.35 5.83	45.35 1.38 9.62	38.26 1.07 0.00	42.30 1.20 0.00	40.63 1.29 0.00	34.82 0.96 0.00	32.85 0.66 0.00
BLUE_CIRC_CHEM_DRP 24182	22.62 0.27 0.73	24.86 0.23 0.00	23.05 0.28 0.00	20.61 0.27 0.00	21.73 0.29 0.00	24.77 0.30 0.00	29.12 0.27 0.00	28.10 0.15 0.00	25.35 0.13 0.00	24.64 0.09 0.00	25.30 0.05 0.00	24.03 0.00 0.00	32.67 -0.02 3.88	42.91 -0.05 6.22	42.77 -0.14 6.22	36.14 -0.01 4.50	42.01 0.07 5.36	138.11 1.08 0.95	52.52 0.42 1.50	37.37 0.19 0.00	41.35 0.26 0.00	39.55 0.21 0.00	34.04 0.18 0.00	32.37 0.18 0.00
BOC_GAS_DRP 24189	22.55 0.18 0.71	24.76 0.12 0.00	22.94 0.17 0.00	20.52 0.18 0.00	21.64 0.21 0.00	24.66 0.19 0.00	29.02 0.17 0.00	28.09 0.14 0.00	25.36 0.14 0.00	24.68 0.13 0.00	25.37 0.12 0.00	24.15 0.13 0.00	33.01 0.12 3.69	43.44 0.18 5.92	43.36 0.15 5.92	36.53 0.18 4.30	42.38 0.25 5.16	137.98 0.92 0.92	52.49 0.35 1.46	37.29 0.10 0.00	41.20 0.11 0.00	39.40 0.06 0.00	33.95 0.09 0.00	32.27 0.08 0.00
BOONVILLE_115KV_TB1 79983	19.68 -0.03 3.38	24.69 0.06 0.00	22.86 0.10 0.00	20.38 0.04 0.00	21.58 0.14 0.00	24.72 0.25 0.00	29.23 0.37 0.00	28.29 0.34 0.00	25.39 0.17 0.00	24.68 0.13 0.00	25.31 0.06 0.00	23.98 -0.05 0.00	17.34 -0.05 19.18	18.02 -0.10 31.06	18.03 -0.03 31.06	19.77 -0.03 20.85	22.90 0.06 24.46	134.41 0.79 4.36	47.18 0.49 6.91	37.72 0.53 0.00	41.72 0.62 0.00	39.98 0.64 0.00	34.33 0.48 0.00	32.49 0.30 0.00
BORALEX_4TH_BRANCH 23824	22.85 0.46 0.70	25.07 0.44 0.00	23.23 0.47 0.00	20.83 0.49 0.00	22.02 0.58 0.00	25.13 0.66 0.00	29.44 0.59 0.00	28.68 0.72 0.00	25.71 0.49 0.00	24.97 0.41 0.00	25.67 0.42 0.00	24.34 0.31 0.00	33.53 0.49 3.53	44.39 0.88 5.66	44.23 0.76 5.66	36.87 0.42 4.20	42.76 0.52 5.06	141.00 3.93 0.90	53.73 1.57 1.43	37.99 0.81 0.00	42.10 1.01 0.00	40.24 0.90 0.00	34.44 0.58 0.00	32.74 0.55 0.00
BOWLINE___1 23526	23.06 1.01 1.03	25.49 0.86 0.00	23.60 0.83 0.00	21.08 0.74 0.00	22.24 0.80 0.00	25.34 0.86 0.00	29.93 1.07 0.00	29.02 1.07 0.00	26.25 1.03 0.00	25.56 1.01 0.00	26.33 1.08 0.00	25.19 1.16 0.00	32.55 1.59 5.62	42.34 2.17 9.00	42.39 2.26 9.00	36.56 2.17 6.26	42.50 2.70 7.49	143.80 7.15 1.33	54.01 2.53 2.12	38.78 1.60 0.00	42.70 1.61 0.00	40.73 1.39 0.00	35.22 1.36 0.00	33.34 1.15 0.00
BOWLINE___2 23595	23.07 1.02 1.03	25.50 0.87 0.00	23.60 0.84 0.00	21.08 0.74 0.00	22.24 0.81 0.00	25.34 0.86 0.00	29.94 1.08 0.00	29.03 1.08 0.00	26.25 1.03 0.00	25.56 1.01 0.00	26.33 1.08 0.00	25.19 1.16 0.00	32.56 1.61 5.62	42.36 2.18 9.00	42.41 2.28 9.00	36.57 2.18 6.26	42.53 2.72 7.49	143.86 7.22 1.33	54.04 2.56 2.12	38.79 1.60 0.00	42.72 1.62 0.00	40.75 1.41 0.00	35.22 1.36 0.00	33.35 1.16 0.00
BRADY___115KV_TB2 356060	22.05 0.20 1.24	25.09 0.46 0.00	23.09 0.33 0.00	20.61 0.26 0.00	21.66 0.23 0.00	24.80 0.32 0.00	29.24 0.39 0.00	28.36 0.41 0.00	25.49 0.28 0.00	24.86 0.31 0.00	25.55 0.30 0.00	24.32 0.29 0.00	29.98 0.44 7.04	38.33 0.57 11.41	38.40 0.68 11.41	33.43 0.45 7.67	38.69 0.39 9.00	137.51 1.13 1.60	51.22 0.17 2.54	37.76 0.57 0.00	41.78 0.69 0.00	40.17 0.82 0.00	34.46 0.60 0.00	32.79 0.60 0.00
BRANSCOMB___SOLAR 323811	23.00 0.61 0.69	25.23 0.60 0.00	23.33 0.57 0.00	20.90 0.56 0.00	22.06 0.63 0.00	25.20 0.72 0.00	29.66 0.81 0.00	28.81 0.86 0.00	25.84 0.62 0.00	25.07 0.51 0.00	25.74 0.49 0.00	24.43 0.40 0.00	33.82 0.60 3.35	44.70 0.90 5.37	44.54 0.78 5.37	36.96 0.43 4.11	43.05 0.72 4.96	140.97 3.88 0.88	53.82 1.63 1.40	38.18 0.99 0.00	42.30 1.21 0.00	40.43 1.09 0.00	34.60 0.74 0.00	32.84 0.65 0.00
BRDGHMPT_69_KV_BK1 55812	23.50 1.43 1.00	25.93 1.30 0.00	24.00 1.23 0.00	21.46 1.12 0.00	22.66 1.22 0.00	25.83 1.36 0.00	30.55 1.70 0.00	29.67 1.72 0.00	26.88 1.66 0.00	26.24 1.69 0.00	27.14 1.89 0.00	24.05 2.12 2.10	31.36 3.09 8.31	42.16 4.14 11.16	43.58 4.53 10.08	42.32 4.58 2.91	32.48 5.30 20.12	138.24 12.77 12.51	57.37 4.51 0.73	35.91 3.08 4.36	48.00 3.20 -3.71	46.02 3.21 -3.47	40.96 2.91 -4.19	33.03 2.41 1.57

BRENTWOD_69_KV_W. BRTWOOD 56703	23.66 1.58 1.00	26.13 1.50 0.00	24.14 1.37 0.00	21.54 1.20 0.00	22.75 1.31 0.00	25.98 1.50 0.00	30.65 1.80 0.00	29.62 1.67 0.00	26.81 1.59 0.00	26.08 1.53 0.00	26.99 1.74 0.00	24.26 1.89 1.66	31.49 2.62 7.71	41.88 3.36 10.65	43.42 3.59 9.31	42.65 3.52 1.52	32.66 4.23 18.86	137.35 11.01 11.64	57.46 4.12 0.26	37.62 2.87 2.43	48.78 2.99 -4.70	46.83 2.88 -4.60	42.12 2.61 -5.65	33.88 2.29 0.60
BRISTLHL_115KV_TB1 79998	10.29 -1.04 11.75	23.54 -1.09 0.00	21.75 -1.02 0.00	19.41 -0.92 0.00	20.50 -0.93 0.00	23.48 -0.99 0.00	27.76 -1.09 0.00	26.79 -1.17 0.00	24.08 -1.14 0.00	23.39 -1.16 0.00	24.03 -1.22 0.00	22.78 -1.25 0.00	-31.62 -1.85 66.34	-61.00 -2.46 107.71	-61.05 -2.47 107.71	-33.97 -2.15 72.46	-40.31 -2.47 85.13	115.94 -6.87 15.16	27.04 -2.50 24.06	35.57 -1.62 0.00	39.39 -1.71 0.00	37.76 -1.58 0.00	32.49 -1.37 0.00	30.84 -1.35 0.00
BROOKHAVEN___DRP 24191	23.60 1.52 1.00	26.04 1.41 0.00	24.07 1.30 0.00	21.49 1.15 0.00	22.69 1.26 0.00	25.91 1.44 0.00	30.60 1.75 0.00	29.59 1.64 0.00	26.76 1.54 0.00	26.02 1.47 0.00	26.89 1.65 0.00	23.73 1.82 2.11	30.76 2.51 8.32	41.22 3.22 11.17	42.56 3.53 10.10	41.37 3.67 2.95	31.54 4.40 20.15	136.33 10.88 12.53	56.91 4.06 0.74	35.59 2.80 4.40	47.70 2.92 -3.68	45.65 2.87 -3.45	40.61 2.59 -4.16	32.84 2.23 1.59
BROOKLYN_NAVY_YARD 23515	23.22 1.14 1.01	25.57 0.94 0.00	23.71 0.94 0.00	21.19 0.85 0.00	22.34 0.91 0.00	25.42 0.94 0.00	30.01 1.17 0.01	29.17 1.22 0.00	26.43 1.21 0.00	25.76 1.20 0.00	26.51 1.27 0.01	25.39 1.36 0.00	33.01 1.89 5.45	42.96 2.52 8.74	43.39 2.62 8.36	37.64 2.47 5.48	48.43 3.08 1.95	149.09 7.95 -3.16	54.42 2.88 2.06	42.73 1.80 -3.75	42.90 1.81 0.01	41.14 1.56 -0.24	35.80 1.52 -0.43	33.48 1.26 -0.03
BROOKLYN___ARMY_DRP 323595	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
BROOME_2_LFGE 323671	17.01 -0.40 5.67	24.25 -0.38 0.00	22.44 -0.32 0.00	20.03 -0.31 0.00	21.15 -0.28 0.00	24.21 -0.26 0.00	28.61 -0.24 0.00	27.64 -0.31 0.00	24.90 -0.32 0.00	24.27 -0.29 0.00	24.90 -0.35 0.00	23.61 -0.42 0.00	1.42 -0.50 34.65	-6.89 -0.69 55.37	-6.82 -0.58 55.37	4.17 -0.68 35.80	5.30 -0.89 41.10	128.06 -2.61 7.32	40.65 -1.14 11.81	36.54 -0.64 0.00	40.37 -0.72 0.00	38.75 -0.59 0.00	33.45 -0.41 0.00	31.71 -0.48 0.00
BROOME___LFGE 323600	17.01 -0.40 5.67	24.25 -0.38 0.00	22.44 -0.32 0.00	20.03 -0.31 0.00	21.15 -0.28 0.00	24.21 -0.26 0.00	28.61 -0.24 0.00	27.64 -0.31 0.00	24.90 -0.32 0.00	24.27 -0.29 0.00	24.90 -0.35 0.00	23.61 -0.42 0.00	1.42 -0.50 34.65	-6.89 -0.69 55.37	-6.82 -0.58 55.37	4.17 -0.68 35.80	5.30 -0.89 41.10	128.06 -2.61 7.32	40.65 -1.14 11.81	36.54 -0.64 0.00	40.37 -0.72 0.00	38.75 -0.59 0.00	33.45 -0.41 0.00	31.71 -0.48 0.00
BROWNFLS_115KV_TB 3_5 80003	19.21 -0.58 3.29	24.26 -0.37 0.00	22.38 -0.39 0.00	19.94 -0.40 0.00	21.08 -0.36 0.00	24.16 -0.32 0.00	28.49 -0.36 0.00	27.61 -0.34 0.00	24.75 -0.47 0.00	24.09 -0.47 0.00	24.70 -0.55 0.00	23.43 -0.59 0.00	17.09 -0.84 18.64	17.79 -1.15 30.22	17.86 -1.05 30.22	19.41 -0.93 20.31	22.25 -1.19 23.84	130.78 -2.95 4.25	45.65 -1.22 6.74	36.85 -0.33 0.00	40.70 -0.40 0.00	39.17 -0.17 0.00	33.65 -0.20 0.00	31.88 -0.31 0.00
BROWNSV1_27_KV_LOAD 356125	23.46 1.38 1.01	25.84 1.21 0.00	23.92 1.16 0.00	21.37 1.03 0.00	22.55 1.11 0.00	25.66 1.19 0.00	30.35 1.49 0.00	29.50 1.54 0.00	26.72 1.50 0.00	26.02 1.47 0.00	26.81 1.56 0.00	25.67 1.64 0.00	33.42 2.29 5.45	43.58 3.14 8.73	43.62 3.22 8.73	37.54 2.97 6.08	43.66 3.65 7.28	146.34 9.66 1.30	55.05 3.51 2.06	39.45 2.27 0.00	43.40 2.31 0.00	41.39 2.05 0.00	35.77 1.92 0.00	33.82 1.63 0.00
BURROWS___LYONSDAL 23803	19.25 -0.21 3.63	24.54 -0.09 0.00	22.74 -0.03 0.00	20.26 -0.08 0.00	21.47 0.03 0.00	24.61 0.13 0.00	29.10 0.25 0.00	28.17 0.22 0.00	25.26 0.04 0.00	24.54 -0.01 0.00	25.16 -0.09 0.00	23.82 -0.21 0.00	15.73 -0.27 20.58	15.45 -0.38 33.33	15.48 -0.32 33.33	18.00 -0.26 22.38	20.80 -0.24 26.26	133.25 -0.05 4.68	46.36 0.18 7.42	37.57 0.38 0.00	41.56 0.46 0.00	39.86 0.52 0.00	34.21 0.36 0.00	32.36 0.17 0.00
CAITHNESS_CC_1 323624	23.55 1.48 1.00	26.00 1.37 0.00	24.03 1.26 0.00	21.45 1.11 0.00	22.66 1.22 0.00	25.87 1.39 0.00	30.54 1.68 0.00	29.53 1.58 0.00	26.71 1.49 0.00	25.98 1.42 0.00	26.85 1.60 0.00	23.70 1.79 2.12	30.71 2.48 8.34	41.07 3.09 11.19	42.41 3.40 10.12	41.19 3.52 2.98	31.31 4.19 20.17	135.87 10.44 12.55	56.79 3.95 0.75	35.44 2.69 4.44	47.56 2.80 -3.66	45.51 2.75 -3.42	40.48 2.50 -4.12	32.74 2.16 1.61
CALPINE BETH_PAGE_GT4 24209	23.54 1.47 1.00	26.00 1.37 0.00	24.03 1.26 0.00	21.44 1.10 0.00	22.64 1.21 0.00	25.84 1.37 0.00	30.52 1.67 0.00	29.55 1.60 0.00	26.71 1.49 0.00	25.99 1.44 0.00	26.88 1.63 0.00	28.66 1.77 -2.86	37.54 2.50 1.54	46.91 3.24 5.50	51.09 3.42 1.46	56.65 3.24 -12.76	43.72 3.67 7.25	143.56 9.43 3.84	61.64 3.48 -4.56	55.99 2.45 -16.36	58.35 2.47 -14.78	57.83 2.37 -16.12	56.61 2.24 -20.51	43.47 2.05 -9.23
CALPINE_BETH_PAGE_GT_4 323586	23.54 1.47 1.00	26.00 1.37 0.00	24.02 1.26 0.00	21.44 1.10 0.00	22.64 1.21 0.00	25.84 1.37 0.00	30.52 1.67 0.00	29.55 1.60 0.00	26.71 1.49 0.00	25.99 1.44 0.00	26.88 1.63 0.00	28.67 1.78 -2.86	37.54 2.50 1.54	46.88 3.20 5.50	51.08 3.41 1.46	56.65 3.24 -12.76	43.71 3.66 7.25	143.51 9.38 3.84	61.65 3.49 -4.56	55.99 2.45 -16.36	58.35 2.47 -14.78	57.84 2.38 -16.12	56.60 2.24 -20.51	43.47 2.05 -9.23
CALPINE_BP_GT1 23823	23.54 1.47 1.00	26.00 1.37 0.00	24.02 1.26 0.00	21.44 1.10 0.00	22.64 1.21 0.00	25.84 1.37 0.00	30.52 1.67 0.00	29.55 1.60 0.00	26.71 1.49 0.00	25.99 1.44 0.00	26.88 1.63 0.00	28.67 1.78 -2.86	37.54 2.50 1.54	46.88 3.20 5.50	51.08 3.41 1.46	56.65 3.24 -12.76	43.71 3.66 7.25	143.51 9.38 3.84	61.65 3.49 -4.56	55.99 2.45 -16.36	58.35 2.47 -14.78	57.84 2.38 -16.12	56.60 2.24 -20.51	43.47 2.05 -9.23
CALSPAN___DRP 24200	16.49 -1.64 4.95	23.09 -1.54 0.00	21.14 -1.63 0.00	18.80 -1.54 0.00	19.83 -1.61 0.00	22.91 -1.57 0.00	27.06 -1.79 0.00	25.93 -2.02 0.00	23.28 -1.93 0.00	22.73 -1.83 0.00	23.28 -1.97 0.00	21.95 -2.08 0.00	3.99 -2.29 30.29	-0.38 -3.07 46.49	-0.02 -2.65 46.50	6.80 -2.95 30.89	7.42 -3.88 35.99	111.05 -12.49 14.44	36.01 -5.13 12.46	33.72 -3.47 0.00	37.45 -3.64 0.00	36.25 -3.09 0.00	31.50 -2.36 0.00	30.19 -2.00 0.00

CALVERTON___SOLAR 323806	23.62 1.55 1.00	26.06 1.43 0.00	24.09 1.33 0.00	21.52 1.17 0.00	22.73 1.29 0.00	25.94 1.47 0.00	30.64 1.79 0.00	29.64 1.69 0.00	26.80 1.58 0.00	26.06 1.51 0.00	26.93 1.68 0.00	23.79 1.86 2.11	30.86 2.60 8.32	41.31 3.30 11.17	42.70 3.66 10.09	41.55 3.84 2.94	31.70 4.55 20.14	136.71 11.26 12.52	57.10 4.24 0.74	35.68 2.89 4.39	47.81 3.03 -3.69	45.76 2.97 -3.45	40.71 2.68 -4.17	32.91 2.30 1.58
CANDIGU_WT_PWR 323617	16.35 -1.25 5.48	23.43 -1.20 0.00	21.65 -1.11 0.00	19.34 -1.00 0.00	20.46 -0.97 0.00	23.61 -0.86 0.00	27.91 -0.95 0.00	26.67 -1.28 0.00	23.80 -1.41 0.00	23.20 -1.35 0.00	23.74 -1.51 0.00	22.43 -1.60 0.00	1.49 -1.98 33.11	-5.26 -2.59 51.84	-5.11 -2.39 51.85	3.91 -2.47 34.27	4.26 -3.21 39.83	75.48 -9.80 52.70	27.54 -3.86 22.20	35.02 -2.17 0.00	38.84 -2.26 0.00	37.42 -1.92 0.00	32.28 -1.58 0.00	30.71 -1.48 0.00
CARR STREET_E_SYR 24060	12.42 -0.70 9.96	23.90 -0.73 0.00	22.09 -0.68 0.00	19.72 -0.62 0.00	20.82 -0.61 0.00	23.84 -0.63 0.00	28.19 -0.66 0.00	27.20 -0.75 0.00	24.48 -0.74 0.00	23.81 -0.74 0.00	24.45 -0.80 0.00	23.19 -0.84 0.00	-21.19 -1.23 56.54	-43.97 -1.61 91.53	-43.98 -1.58 91.53	-22.23 -1.42 61.46	-26.46 -1.63 72.12	120.71 -4.42 12.84	31.59 -1.64 20.38	36.13 -1.05 0.00	39.98 -1.11 0.00	38.31 -1.04 0.00	32.98 -0.87 0.00	31.30 -0.90 0.00
CARTHAGE___PAPER 23857	16.50 -0.56 6.02	24.30 -0.33 0.00	22.52 -0.25 0.00	20.05 -0.29 0.00	21.29 -0.14 0.00	24.48 0.01 0.00	28.98 0.13 0.00	28.01 0.06 0.00	24.96 -0.26 0.00	24.10 -0.46 0.00	24.65 -0.60 0.00	23.26 -0.77 0.00	1.51 -1.00 34.07	-7.40 -1.33 55.25	-7.24 -1.12 55.25	2.62 -0.89 37.14	2.65 -1.04 43.61	128.36 -1.85 7.77	40.73 -0.55 12.32	37.41 0.22 0.00	41.35 0.26 0.00	39.77 0.43 0.00	34.12 0.26 0.00	32.16 -0.03 0.00
CASSADAGA_WT_PWR 323784	16.84 -1.22 5.03	23.53 -1.10 0.00	21.68 -1.09 0.00	19.26 -1.08 0.00	20.23 -1.20 0.00	23.55 -0.92 0.00	27.86 -0.99 0.00	26.94 -1.02 0.00	24.45 -0.77 0.00	23.86 -0.70 0.00	24.48 -0.77 0.00	23.06 -0.97 0.00	4.95 -0.89 30.73	0.87 -0.96 47.34	1.05 -0.81 47.26	7.50 -1.87 31.27	8.24 -2.64 36.41	117.92 -8.14 11.91	37.95 -3.49 12.17	34.57 -2.61 0.00	38.25 -2.84 0.00	36.99 -2.35 0.00	32.08 -1.78 0.00	30.49 -1.71 0.00
CE_DUNWOOD___DRP 24194	23.19 1.12 1.01	25.60 0.97 0.00	23.70 0.93 0.00	21.17 0.83 0.00	22.34 0.90 0.00	25.44 0.96 0.00	30.04 1.20 0.00	29.16 1.21 0.00	26.38 1.17 0.00	25.70 1.15 0.00	26.47 1.22 0.00	25.33 1.30 0.00	32.90 1.79 5.46	42.87 2.45 8.75	42.90 2.52 8.75	36.92 2.37 6.09	42.94 2.94 7.30	144.49 7.81 1.30	54.34 2.80 2.06	38.97 1.78 0.00	42.91 1.81 0.00	40.92 1.58 0.00	35.36 1.50 0.00	33.47 1.28 0.00
CE_MILLWOOD___DRP 24193	23.15 1.08 1.01	25.56 0.93 0.00	23.66 0.89 0.00	21.14 0.80 0.00	22.30 0.86 0.00	25.40 0.92 0.00	30.00 1.14 0.00	29.10 1.15 0.00	26.33 1.11 0.00	25.64 1.09 0.00	26.41 1.16 0.00	25.26 1.23 0.00	32.80 1.71 5.48	42.72 2.33 8.78	42.75 2.40 8.78	36.81 2.28 6.11	42.80 2.82 7.32	144.21 7.53 1.30	54.22 2.69 2.07	38.89 1.71 0.00	42.82 1.73 0.00	40.85 1.51 0.00	35.30 1.44 0.00	33.42 1.23 0.00
CE_NYC2_DRP 24202	23.34 1.26 1.00	25.72 1.08 0.00	23.84 1.07 0.00	21.29 0.95 0.00	22.47 1.03 0.00	25.54 1.07 0.00	30.19 1.34 0.00	29.35 1.40 0.00	26.59 1.37 0.00	25.87 1.31 0.00	26.64 1.39 0.00	25.53 1.50 0.00	33.16 2.04 5.45	43.26 2.82 8.73	43.28 2.89 8.73	37.26 2.69 6.08	43.35 3.33 7.28	145.35 8.67 1.30	54.66 3.12 2.06	39.16 1.98 0.00	43.08 1.99 0.00	41.08 1.74 0.00	35.52 1.66 0.00	33.59 1.40 0.00
CE_NYC_DRP 24195	23.31 1.23 1.01	25.69 1.06 0.00	23.79 1.03 0.00	21.25 0.91 0.00	22.43 0.99 0.00	25.51 1.04 0.00	30.15 1.30 0.00	29.30 1.35 0.00	26.54 1.32 0.00	25.86 1.31 0.00	26.65 1.40 0.00	25.53 1.50 0.00	33.20 2.07 5.45	43.26 2.82 8.73	43.30 2.90 8.73	37.27 2.70 6.08	43.33 3.31 7.28	145.36 8.67 1.30	54.66 3.12 2.06	39.20 1.99 -0.03	43.10 2.01 0.00	41.28 1.75 -0.19	35.75 1.67 -0.23	33.60 1.40 0.00
CHAFFEE___LFGE 323603	16.58 -1.50 5.00	23.25 -1.38 0.00	21.28 -1.48 0.00	18.93 -1.41 0.00	19.97 -1.46 0.00	23.07 -1.40 0.00	27.27 -1.58 0.00	26.13 -1.82 0.00	23.47 -1.75 0.00	22.88 -1.67 0.00	23.44 -1.81 0.00	22.10 -1.93 0.00	3.95 -2.09 30.54	-0.40 -2.61 46.97	-0.13 -2.28 46.98	6.77 -2.71 31.18	7.42 -3.57 36.31	113.38 -11.57 13.02	36.56 -4.79 12.25	33.99 -3.19 0.00	37.76 -3.34 0.00	36.55 -2.79 0.00	31.73 -2.13 0.00	30.41 -1.78 0.00
CHATEAUG_35_KV_LOAD 355732	22.26 0.02 0.84	24.88 0.25 0.00	22.91 0.15 0.00	20.47 0.13 0.00	21.55 0.11 0.00	24.67 0.20 0.00	29.15 0.30 0.00	28.37 0.42 0.00	25.54 0.32 0.00	24.92 0.36 0.00	25.64 0.39 0.00	24.35 0.32 0.00	32.31 0.48 4.75	42.05 0.58 7.70	42.05 0.62 7.70	35.94 0.46 5.18	41.68 0.46 6.07	138.53 1.64 1.08	52.42 0.54 1.72	37.72 0.54 0.00	41.76 0.66 0.00	40.04 0.71 0.00	34.28 0.42 0.00	32.63 0.44 0.00
CHATEAUG_WT_PWR 323614	22.34 -0.01 0.73	24.85 0.22 0.00	22.89 0.13 0.00	20.46 0.12 0.00	21.53 0.09 0.00	24.64 0.17 0.00	29.12 0.27 0.00	28.36 0.41 0.00	25.53 0.31 0.00	24.91 0.36 0.00	25.62 0.37 0.00	24.36 0.33 0.00	32.94 0.51 4.15	43.08 0.64 6.72	43.08 0.67 6.72	36.62 0.49 4.52	42.47 0.48 5.30	138.70 1.67 0.94	52.57 0.47 1.50	37.65 0.47 0.00	41.65 0.56 0.00	39.95 0.61 0.00	34.22 0.36 0.00	32.58 0.39 0.00
CHAT_HIGH_FALL_HYD 323578	22.26 0.02 0.84	24.88 0.25 0.00	22.91 0.15 0.00	20.47 0.13 0.00	21.55 0.11 0.00	24.67 0.20 0.00	29.15 0.30 0.00	28.37 0.42 0.00	25.54 0.32 0.00	24.92 0.36 0.00	25.64 0.39 0.00	24.35 0.32 0.00	32.31 0.48 4.75	42.05 0.58 7.70	42.05 0.62 7.70	35.94 0.46 5.18	41.68 0.46 6.07	138.53 1.64 1.08	52.42 0.54 1.72	37.72 0.54 0.00	41.76 0.66 0.00	40.04 0.71 0.00	34.28 0.42 0.00	32.63 0.44 0.00
CHAUTAUQUA___LFGE 323629	16.72 -1.37 4.99	23.38 -1.25 0.00	21.52 -1.25 0.00	19.12 -1.22 0.00	20.12 -1.31 0.00	23.34 -1.14 0.00	27.57 -1.28 0.00	26.59 -1.37 0.00	24.13 -1.08 0.00	23.54 -1.02 0.00	24.15 -1.10 0.00	22.76 -1.27 0.00	4.72 -1.29 30.56	0.64 -1.52 47.02	0.76 -1.44 46.92	7.28 -2.33 31.04	7.99 -3.16 36.15	115.20 -9.70 13.08	37.11 -4.11 12.38	34.34 -2.85 0.00	37.98 -3.12 0.00	36.75 -2.59 0.00	31.88 -1.97 0.00	30.35 -1.84 0.00
CHERRYST_13_KV_LD 356241	23.37 1.29 1.01	25.75 1.12 0.00	23.85 1.08 0.00	21.31 0.97 0.00	22.48 1.04 0.00	25.58 1.11 0.00	30.25 1.39 0.00	29.39 1.44 0.00	26.62 1.41 0.00	25.95 1.40 0.00	26.74 1.49 0.00	25.61 1.58 0.00	33.33 2.21 5.45	43.46 3.02 8.73	43.48 3.08 8.73	37.41 2.84 6.08	43.51 3.50 7.28	145.83 9.14 1.30	54.84 3.30 2.06	39.28 2.10 0.00	43.23 2.14 0.00	41.21 1.87 0.00	35.62 1.77 0.00	33.69 1.50 0.00

CHESTROR_138KV_BK263 355645	22.87 0.87 1.07	25.37 0.74 0.00	23.48 0.72 0.00	20.97 0.63 0.00	22.13 0.69 0.00	25.21 0.74 0.00	29.77 0.92 0.00	28.86 0.91 0.00	26.08 0.87 0.00	25.39 0.83 0.00	26.13 0.88 0.00	24.98 0.95 0.00	32.00 1.28 5.85	41.56 1.76 9.37	41.59 1.83 9.37	35.93 1.78 6.50	41.74 2.24 7.79	142.59 6.00 1.39	53.53 2.14 2.20	38.55 1.37 0.00	42.49 1.39 0.00	40.54 1.20 0.00	35.02 1.17 0.00	33.18 0.99 0.00
CH_MIDHUDSON___DRP 24192	23.11 1.01 0.98	25.51 0.88 0.00	23.62 0.86 0.00	21.11 0.77 0.00	22.27 0.83 0.00	25.36 0.89 0.00	29.96 1.10 0.00	29.06 1.11 0.00	26.26 1.04 0.00	25.57 1.02 0.00	26.32 1.07 0.00	25.15 1.12 0.00	32.79 1.53 5.32	42.75 2.10 8.53	42.77 2.16 8.52	36.73 2.02 5.95	42.71 2.53 7.12	143.62 6.90 1.27	54.13 2.54 2.01	38.81 1.63 0.00	42.77 1.68 0.00	40.81 1.47 0.00	35.23 1.37 0.00	33.36 1.16 0.00
CH_MISC_IPPS 23765	23.25 1.18 1.01	25.68 1.05 0.00	23.77 1.00 0.00	21.24 0.90 0.00	22.41 0.97 0.00	25.54 1.07 0.00	30.18 1.33 0.00	29.27 1.32 0.00	26.44 1.22 0.00	25.73 1.17 0.00	26.48 1.23 0.00	25.30 1.28 0.00	32.86 1.77 5.48	42.78 2.39 8.78	42.84 2.49 8.78	36.87 2.33 6.12	42.90 2.93 7.32	144.75 8.08 1.30	54.54 3.01 2.07	39.15 1.96 0.00	43.15 2.05 0.00	41.16 1.82 0.00	35.52 1.66 0.00	33.61 1.42 0.00
CH_RES_BVR_FALLS 23983	22.15 -0.37 0.57	24.40 -0.23 0.00	22.59 -0.18 0.00	20.14 -0.20 0.00	21.25 -0.19 0.00	24.32 -0.16 0.00	28.68 -0.17 0.00	27.83 -0.12 0.00	25.10 -0.11 0.00	24.51 -0.05 0.00	25.21 -0.04 0.00	23.98 -0.05 0.00	33.26 -0.07 3.24	43.79 -0.13 5.25	43.78 -0.11 5.25	36.98 -0.15 3.52	42.89 -0.27 4.13	136.33 -0.91 0.74	52.10 -0.33 1.17	37.08 -0.11 0.00	40.95 -0.14 0.00	39.21 -0.13 0.00	33.72 -0.14 0.00	32.08 -0.10 0.00
CH_RES_NIAGARA 23895	15.88 -2.37 4.83	22.32 -2.31 0.00	20.38 -2.38 0.00	18.11 -2.23 0.00	19.08 -2.35 0.00	22.02 -2.45 0.00	25.97 -2.88 0.00	24.75 -3.20 0.00	22.29 -2.93 0.00	21.74 -2.82 0.00	22.39 -2.85 0.00	21.09 -2.94 0.00	3.41 -3.50 29.66	-0.66 -4.57 45.27	-0.30 -4.16 45.27	6.08 -4.58 29.99	6.38 -5.95 34.96	107.70 -17.91 12.37	34.78 -7.08 11.73	32.33 -4.85 0.00	35.96 -5.13 0.00	34.88 -4.46 0.00	30.39 -3.47 0.00	29.29 -2.89 0.00
CH_RES_SYRACUSE 23985	11.93 -0.70 10.45	23.91 -0.72 0.00	22.08 -0.69 0.00	19.72 -0.62 0.00	20.82 -0.61 0.00	23.86 -0.61 0.00	28.19 -0.66 0.00	27.19 -0.76 0.00	24.45 -0.77 0.00	23.77 -0.79 0.00	24.41 -0.84 0.00	23.14 -0.88 0.00	-24.14 -1.29 59.43	-48.56 -1.72 96.01	-48.56 -1.68 96.01	-25.35 -1.52 64.48	-30.11 -1.72 75.68	119.91 -4.59 13.48	30.56 -1.66 21.38	36.15 -1.03 0.00	40.01 -1.09 0.00	38.32 -1.02 0.00	33.00 -0.86 0.00	31.30 -0.90 0.00
CLINTON_WT_PWR 323605	22.34 -0.01 0.73	24.85 0.22 0.00	22.89 0.13 0.00	20.46 0.12 0.00	21.53 0.09 0.00	24.64 0.17 0.00	29.12 0.27 0.00	28.36 0.41 0.00	25.53 0.31 0.00	24.91 0.36 0.00	25.62 0.37 0.00	24.36 0.33 0.00	32.94 0.51 4.15	43.08 0.64 6.72	43.08 0.67 6.72	36.62 0.49 4.52	42.47 0.48 5.30	138.70 1.67 0.94	52.57 0.47 1.50	37.65 0.47 0.00	41.65 0.56 0.00	39.95 0.61 0.00	34.22 0.36 0.00	32.58 0.39 0.00
CLINTON___LFGE 323618	22.53 0.21 0.76	25.08 0.44 0.00	23.11 0.34 0.00	20.64 0.30 0.00	21.75 0.32 0.00	24.91 0.43 0.00	29.47 0.62 0.00	28.75 0.80 0.00	25.84 0.62 0.00	25.20 0.65 0.00	25.90 0.65 0.00	24.62 0.59 0.00	33.19 0.92 4.31	43.39 1.20 6.98	43.35 1.20 6.98	36.88 0.93 4.69	42.82 1.03 5.51	140.57 3.57 0.98	53.33 1.29 1.56	38.15 0.96 0.00	42.20 1.11 0.00	40.47 1.13 0.00	34.61 0.75 0.00	32.92 0.73 0.00
COBBLENY_34_KV_TB1 80064	16.58 -1.50 5.00	23.25 -1.38 0.00	21.28 -1.48 0.00	18.93 -1.41 0.00	19.97 -1.46 0.00	23.07 -1.41 0.00	27.27 -1.58 0.00	26.13 -1.82 0.00	23.47 -1.75 0.00	22.88 -1.68 0.00	23.44 -1.81 0.00	22.10 -1.93 0.00	4.00 -2.04 30.54	-0.55 -2.76 46.97	-0.19 -2.35 46.98	6.77 -2.70 31.18	7.39 -3.60 36.31	113.31 -11.64 13.02	36.59 -4.76 12.25	33.99 -3.20 0.00	37.76 -3.33 0.00	36.55 -2.79 0.00	31.73 -2.13 0.00	30.41 -1.78 0.00
COFFEEN___115KV_TB3 355620	15.36 -0.69 7.04	24.16 -0.47 0.00	22.40 -0.36 0.00	19.95 -0.39 0.00	21.20 -0.23 0.00	24.40 -0.07 0.00	28.95 0.10 0.00	27.92 -0.03 0.00	24.80 -0.42 0.00	23.84 -0.72 0.00	24.31 -0.94 0.00	22.91 -1.11 0.00	-4.73 -1.47 39.84	-17.46 -2.01 64.62	-17.21 -1.72 64.62	-4.13 -1.34 43.44	-5.20 -1.48 51.01	126.22 -2.67 9.08	38.33 -0.86 14.41	37.27 0.08 0.00	41.23 0.14 0.00	39.66 0.32 0.00	34.02 0.16 0.00	32.03 -0.16 0.00
COLDSPRG_115KV_BK1 355956	17.26 -0.74 5.08	24.02 -0.61 0.00	22.11 -0.66 0.00	19.67 -0.67 0.00	20.73 -0.70 0.00	24.03 -0.45 0.00	28.44 -0.41 0.00	27.41 -0.54 0.00	24.80 -0.42 0.00	24.18 -0.38 0.00	24.79 -0.46 0.00	23.39 -0.63 0.00	5.31 -0.27 31.00	0.85 -0.48 47.85	1.07 -0.26 47.80	7.84 -1.17 31.63	8.67 -1.80 36.83	121.89 -6.02 10.07	39.09 -2.67 11.84	35.31 -1.88 0.00	39.10 -1.99 0.00	37.79 -1.55 0.00	32.80 -1.05 0.00	31.28 -0.92 0.00
COLONIE_LFGE___ 323577	22.72 0.33 0.69	24.91 0.29 0.00	23.08 0.31 0.00	20.67 0.33 0.00	21.81 0.38 0.00	24.88 0.41 0.00	29.25 0.40 0.00	28.40 0.45 0.00	25.53 0.32 0.00	24.82 0.26 0.00	25.50 0.25 0.00	24.22 0.19 0.00	33.41 0.28 3.44	44.11 0.44 5.51	43.99 0.37 5.51	36.73 0.22 4.13	42.69 0.37 4.98	139.42 2.33 0.89	53.14 0.95 1.41	37.66 0.48 0.00	41.70 0.60 0.00	39.85 0.51 0.00	34.19 0.33 0.00	32.50 0.31 0.00
COOPERNY_115KV_TB1 80082	22.41 0.57 1.24	25.10 0.47 0.00	23.23 0.47 0.00	20.76 0.42 0.00	21.90 0.46 0.00	24.96 0.48 0.00	29.46 0.61 0.00	28.53 0.58 0.00	25.80 0.58 0.00	25.10 0.54 0.00	25.82 0.57 0.00	24.64 0.60 0.00	30.59 0.80 6.78	39.42 1.10 10.86	39.42 1.15 10.86	34.30 1.14 7.49	39.78 1.45 8.97	140.22 3.84 1.60	52.44 1.37 2.53	38.05 0.87 0.00	41.98 0.88 0.00	40.09 0.75 0.00	34.61 0.76 0.00	32.84 0.65 0.00
COPENHAGEN_WT_PWR 323753	14.80 -0.97 7.31	23.92 -0.71 0.00	22.21 -0.55 0.00	19.77 -0.56 0.00	21.03 -0.40 0.00	24.21 -0.27 0.00	28.69 -0.16 0.00	27.70 -0.25 0.00	24.66 -0.56 0.00	23.77 -0.78 0.00	24.28 -0.96 0.00	22.92 -1.11 0.00	-6.26 -1.46 41.37	-19.94 -2.00 67.11	-19.77 -1.79 67.11	-5.95 -1.48 45.12	-7.39 -1.70 52.99	124.86 -3.68 9.43	37.43 -1.20 14.97	36.97 -0.21 0.00	40.83 -0.26 0.00	39.31 -0.03 0.00	33.75 -0.10 0.00	31.77 -0.42 0.00
CORNELL_____ 23752	15.72 -0.18 7.18	24.46 -0.17 0.00	22.60 -0.16 0.00	20.19 -0.15 0.00	21.32 -0.12 0.00	24.45 -0.02 0.00	28.93 0.08 0.00	27.91 -0.04 0.00	25.06 -0.16 0.00	24.35 -0.20 0.00	24.94 -0.31 0.00	23.57 -0.46 0.00	-6.60 -0.61 42.56	-19.88 -0.89 68.17	-19.85 -0.81 68.17	-5.02 -0.81 44.86	-5.64 -0.89 52.04	129.15 -2.35 6.48	41.16 -0.70 11.75	37.04 -0.15 0.00	41.08 -0.02 0.00	39.38 0.04 0.00	33.89 0.03 0.00	32.08 -0.11 0.00

CORONA_69_KV_TB1 355595	23.48 1.40 1.00	25.92 1.29 0.00	23.96 1.19 0.00	21.39 1.05 0.00	22.58 1.14 0.00	25.75 1.28 0.00	30.41 1.56 0.00	29.44 1.49 0.00	26.62 1.40 0.00	25.92 1.37 0.00	26.81 1.56 0.00	50.91 1.72 -25.16	67.80 2.44 -28.79	72.95 3.18 -20.59	88.22 3.32 -35.77	120.71 3.06 -77.00	94.46 3.61 -43.56	177.05 9.19 -29.88	83.56 3.34 -26.62	139.23 2.42 -99.62	104.14 2.47 -60.59	109.55 2.35 -67.85	123.24 2.17 -87.21	92.58 1.93 -58.46
CORTLAND_115KV_TB3 80093	15.06 -0.26 7.77	24.38 -0.26 0.00	22.54 -0.22 0.00	20.13 -0.21 0.00	21.25 -0.18 0.00	24.35 -0.13 0.00	28.80 -0.05 0.00	27.80 -0.15 0.00	25.01 -0.21 0.00	24.32 -0.23 0.00	24.95 -0.30 0.00	23.62 -0.40 0.00	-8.96 -0.56 44.97	-24.09 -0.82 72.44	-24.05 -0.73 72.44	-8.24 -0.69 48.19	-9.74 -0.77 56.27	126.65 -1.87 9.46	37.89 -0.70 15.01	36.88 -0.30 0.00	40.82 -0.27 0.00	39.12 -0.21 0.00	33.70 -0.16 0.00	31.92 -0.27 0.00
COXSACKIE___GT 23611	23.06 0.77 0.79	25.37 0.74 0.00	23.50 0.74 0.00	21.03 0.69 0.00	22.38 0.94 0.00	25.60 1.13 0.00	30.22 1.37 0.00	29.22 1.27 0.00	26.19 0.97 0.00	25.29 0.73 0.00	25.91 0.66 0.00	24.55 0.52 0.00	33.10 0.79 4.26	43.30 0.95 6.82	43.15 0.84 6.82	36.65 0.88 4.88	42.48 0.96 5.78	141.05 4.08 1.02	53.74 1.75 1.61	38.44 1.26 0.00	42.65 1.56 0.00	40.77 1.43 0.00	34.97 1.11 0.00	33.15 0.96 0.00
CPV_VALLEY___CC1 323721	22.64 0.69 1.13	25.20 0.57 0.00	23.32 0.55 0.00	20.83 0.49 0.00	21.98 0.54 0.00	25.04 0.57 0.00	29.55 0.70 0.00	28.64 0.69 0.00	25.90 0.69 0.00	25.22 0.67 0.00	25.96 0.71 0.00	24.80 0.78 0.00	31.41 1.02 6.19	40.64 1.38 9.91	40.67 1.45 9.91	35.25 1.46 6.86	40.93 1.84 8.21	141.34 4.82 1.46	53.00 1.72 2.32	38.25 1.06 0.00	42.15 1.06 0.00	40.23 0.89 0.00	34.76 0.90 0.00	32.96 0.77 0.00
CPV_VALLEY___CC2 323722	22.64 0.69 1.13	25.20 0.57 0.00	23.32 0.55 0.00	20.83 0.49 0.00	21.98 0.54 0.00	25.04 0.57 0.00	29.55 0.70 0.00	28.64 0.69 0.00	25.90 0.69 0.00	25.22 0.67 0.00	25.96 0.71 0.00	24.80 0.78 0.00	31.41 1.02 6.19	40.64 1.38 9.91	40.67 1.45 9.91	35.25 1.46 6.86	40.93 1.84 8.21	141.34 4.82 1.46	53.00 1.72 2.32	38.25 1.06 0.00	42.15 1.06 0.00	40.23 0.89 0.00	34.76 0.90 0.00	32.96 0.77 0.00
CRESCENT___HYD 24018	22.72 0.33 0.69	24.91 0.29 0.00	23.08 0.31 0.00	20.67 0.33 0.00	21.81 0.38 0.00	24.88 0.41 0.00	29.25 0.40 0.00	28.40 0.45 0.00	25.53 0.32 0.00	24.82 0.26 0.00	25.50 0.25 0.00	24.22 0.19 0.00	33.41 0.28 3.44	44.11 0.44 5.51	43.99 0.37 5.51	36.73 0.22 4.13	42.69 0.37 4.98	139.42 2.33 0.89	53.14 0.95 1.41	37.66 0.48 0.00	41.70 0.60 0.00	39.85 0.51 0.00	34.19 0.33 0.00	32.50 0.31 0.00
CRICKET___VALLEY_CC1 323756	22.99 0.87 0.96	25.35 0.72 0.00	23.48 0.72 0.00	20.98 0.64 0.00	22.14 0.70 0.00	25.20 0.73 0.00	29.75 0.90 0.00	28.86 0.91 0.00	26.10 0.88 0.00	25.42 0.86 0.00	26.18 0.94 0.00	25.04 1.02 0.00	32.74 1.35 5.19	42.66 1.80 8.32	42.70 1.88 8.32	36.65 1.81 5.80	42.60 2.25 6.95	142.68 5.94 1.24	53.78 2.15 1.96	38.51 1.33 0.00	42.45 1.35 0.00	40.51 1.17 0.00	34.98 1.12 0.00	33.13 0.93 0.00
CRICKET___VALLEY_CC2 323757	22.99 0.87 0.96	25.35 0.72 0.00	23.48 0.72 0.00	20.98 0.64 0.00	22.14 0.70 0.00	25.20 0.73 0.00	29.75 0.90 0.00	28.86 0.91 0.00	26.10 0.88 0.00	25.42 0.86 0.00	26.18 0.94 0.00	25.04 1.02 0.00	32.74 1.35 5.19	42.66 1.80 8.32	42.70 1.88 8.32	36.65 1.81 5.80	42.60 2.25 6.95	142.68 5.94 1.24	53.78 2.15 1.96	38.51 1.33 0.00	42.45 1.35 0.00	40.51 1.17 0.00	34.98 1.12 0.00	33.13 0.93 0.00
CRICKET___VALLEY_CC3 323758	22.99 0.87 0.96	25.35 0.72 0.00	23.48 0.72 0.00	20.98 0.64 0.00	22.14 0.70 0.00	25.20 0.73 0.00	29.75 0.90 0.00	28.86 0.91 0.00	26.10 0.88 0.00	25.42 0.86 0.00	26.18 0.94 0.00	25.04 1.02 0.00	32.74 1.35 5.19	42.66 1.80 8.32	42.70 1.88 8.32	36.65 1.81 5.80	42.60 2.25 6.95	142.68 5.94 1.24	53.78 2.15 1.96	38.51 1.33 0.00	42.45 1.35 0.00	40.51 1.17 0.00	34.98 1.12 0.00	33.13 0.93 0.00
CRUCIBLE_METL_DRP 24180	11.94 -0.70 10.45	23.91 -0.72 0.00	22.08 -0.69 0.00	19.72 -0.62 0.00	20.82 -0.61 0.00	23.86 -0.61 0.00	28.19 -0.66 0.00	27.19 -0.76 0.00	24.45 -0.77 0.00	23.77 -0.79 0.00	24.41 -0.84 0.00	23.14 -0.88 0.00	-24.13 -1.28 59.43	-48.58 -1.74 96.01	-48.57 -1.68 96.01	-25.35 -1.51 64.48	-30.11 -1.73 75.68	119.89 -4.61 13.48	30.57 -1.65 21.38	36.15 -1.03 0.00	40.01 -1.09 0.00	38.32 -1.02 0.00	33.00 -0.86 0.00	31.30 -0.90 0.00
DAHOWA___HYDRO 323763	23.06 0.67 0.69	25.29 0.65 0.00	23.39 0.63 0.00	20.95 0.61 0.00	22.12 0.69 0.00	25.27 0.79 0.00	29.76 0.90 0.00	28.92 0.97 0.00	25.93 0.72 0.00	25.15 0.59 0.00	25.82 0.57 0.00	24.50 0.47 0.00	33.93 0.70 3.34	44.85 1.03 5.35	44.70 0.92 5.35	37.05 0.51 4.12	43.14 0.81 4.96	141.50 4.41 0.88	54.01 1.81 1.40	38.30 1.12 0.00	42.45 1.36 0.00	40.57 1.23 0.00	34.69 0.83 0.00	32.91 0.72 0.00
DANC___LFGE 323619	13.26 -1.01 8.81	23.75 -0.88 0.00	22.01 -0.75 0.00	19.62 -0.72 0.00	20.81 -0.63 0.00	23.90 -0.57 0.00	28.31 -0.54 0.00	27.31 -0.63 0.00	24.40 -0.82 0.00	23.59 -0.96 0.00	24.14 -1.11 0.00	22.82 -1.20 0.00	-14.92 -1.68 49.82	-33.91 -2.25 80.83	-33.81 -2.12 80.83	-15.48 -1.78 54.35	-18.58 -2.04 63.83	121.67 -4.94 11.37	33.83 -1.73 18.04	36.41 -0.77 0.00	40.25 -0.85 0.00	38.68 -0.66 0.00	33.23 -0.62 0.00	31.38 -0.81 0.00
DANSKAMMER___1 23586	23.25 1.18 1.01	25.68 1.05 0.00	23.77 1.00 0.00	21.24 0.90 0.00	22.41 0.97 0.00	25.54 1.07 0.00	30.18 1.33 0.00	29.27 1.32 0.00	26.44 1.22 0.00	25.73 1.17 0.00	26.48 1.23 0.00	25.30 1.28 0.00	32.86 1.77 5.48	42.78 2.39 8.78	42.84 2.49 8.78	36.87 2.33 6.12	42.90 2.93 7.32	144.75 8.08 1.30	54.54 3.01 2.07	39.15 1.96 0.00	43.15 2.05 0.00	41.16 1.82 0.00	35.52 1.66 0.00	33.61 1.42 0.00
DANSKAMMER___2 23589	23.25 1.18 1.01	25.68 1.05 0.00	23.77 1.00 0.00	21.24 0.90 0.00	22.41 0.97 0.00	25.54 1.07 0.00	30.18 1.33 0.00	29.27 1.32 0.00	26.44 1.22 0.00	25.73 1.17 0.00	26.48 1.23 0.00	25.30 1.28 0.00	32.86 1.77 5.48	42.78 2.39 8.78	42.84 2.49 8.78	36.87 2.33 6.12	42.90 2.93 7.32	144.75 8.08 1.30	54.54 3.01 2.07	39.15 1.96 0.00	43.15 2.05 0.00	41.16 1.82 0.00	35.52 1.66 0.00	33.61 1.42 0.00
DANSKAMMER___3 23590	23.25 1.18 1.01	25.68 1.05 0.00	23.77 1.00 0.00	21.24 0.90 0.00	22.41 0.97 0.00	25.54 1.07 0.00	30.18 1.33 0.00	29.27 1.32 0.00	26.44 1.22 0.00	25.73 1.17 0.00	26.48 1.23 0.00	25.30 1.28 0.00	32.86 1.77 5.48	42.78 2.39 8.78	42.84 2.49 8.78	36.87 2.33 6.12	42.90 2.93 7.32	144.75 8.08 1.30	54.54 3.01 2.07	39.15 1.96 0.00	43.15 2.05 0.00	41.16 1.82 0.00	35.52 1.66 0.00	33.61 1.42 0.00

DANSKAMMER___4 23591	23.25 1.18 1.01	25.68 1.05 0.00	23.77 1.00 0.00	21.24 0.90 0.00	22.41 0.97 0.00	25.54 1.07 0.00	30.18 1.33 0.00	29.27 1.32 0.00	26.44 1.22 0.00	25.73 1.17 0.00	26.48 1.23 0.00	25.30 1.28 0.00	32.86 1.77 5.48	42.78 2.39 8.78	42.84 2.49 8.78	36.87 2.33 6.12	42.90 2.93 7.32	144.75 8.08 1.30	54.54 3.01 2.07	39.15 1.96 0.00	43.15 2.05 0.00	41.16 1.82 0.00	35.52 1.66 0.00	33.61 1.42 0.00
DANSKAMMER___DIESEL 23592	23.25 1.17 1.01	25.68 1.05 0.00	23.77 1.00 0.00	21.24 0.90 0.00	22.41 0.97 0.00	25.54 1.07 0.00	30.18 1.33 0.00	29.27 1.32 0.00	26.44 1.22 0.00	25.73 1.17 0.00	26.48 1.24 0.00	25.31 1.28 0.00	32.86 1.77 5.48	42.80 2.41 8.78	42.85 2.50 8.78	36.86 2.33 6.12	42.90 2.93 7.32	144.77 8.09 1.30	54.52 2.99 2.07	39.15 1.97 0.00	43.15 2.05 0.00	41.16 1.82 0.00	35.52 1.66 0.00	33.61 1.42 0.00
DARBY___SOLAR 323810	23.02 0.62 0.69	25.24 0.61 0.00	23.35 0.58 0.00	20.91 0.57 0.00	22.07 0.64 0.00	25.20 0.73 0.00	29.68 0.82 0.00	28.81 0.86 0.00	25.85 0.64 0.00	25.07 0.51 0.00	25.74 0.49 0.00	24.43 0.40 0.00	33.81 0.59 3.35	44.70 0.90 5.37	44.56 0.80 5.37	36.98 0.44 4.11	43.08 0.74 4.96	141.09 3.99 0.88	53.84 1.65 1.40	38.19 1.00 0.00	42.31 1.21 0.00	40.44 1.10 0.00	34.60 0.75 0.00	32.85 0.67 0.00
DASHVILLE___HYD 23610	23.27 1.17 0.98	25.65 1.02 0.00	23.75 0.98 0.00	21.21 0.87 0.00	22.38 0.94 0.00	25.50 1.03 0.00	30.13 1.27 0.00	29.23 1.28 0.00	26.41 1.20 0.00	25.68 1.13 0.00	26.44 1.19 0.00	25.27 1.24 0.00	32.96 1.72 5.33	42.99 2.36 8.55	43.02 2.43 8.54	36.96 2.28 5.97	43.02 2.86 7.14	144.59 7.88 1.27	54.52 2.93 2.01	39.11 1.93 0.00	43.09 2.00 0.00	41.10 1.76 0.00	35.49 1.63 0.00	33.58 1.39 0.00
DELAWARE___LFGE 323621	20.29 0.34 3.13	24.94 0.31 0.00	23.10 0.34 0.00	20.64 0.29 0.00	21.77 0.34 0.00	24.84 0.37 0.00	29.38 0.52 0.00	28.85 0.90 0.00	26.03 0.81 0.00	25.48 0.92 0.00	26.10 0.85 0.00	24.67 0.64 0.00	1.80 1.27 36.04	-6.82 1.64 57.64	-6.74 1.76 57.64	15.39 1.23 26.50	25.48 0.89 22.70	136.20 2.26 4.04	48.05 0.86 6.41	37.74 0.55 0.00	41.69 0.59 0.00	39.90 0.56 0.00	34.42 0.56 0.00	32.65 0.45 0.00
DERFIELD_115KV_TB7 355931	22.03 -0.06 0.99	24.54 -0.09 0.00	22.71 -0.06 0.00	20.28 -0.06 0.00	21.39 -0.04 0.00	24.41 -0.06 0.00	28.77 -0.08 0.00	27.87 -0.08 0.00	25.14 -0.08 0.00	24.47 -0.08 0.00	25.15 -0.10 0.00	23.93 -0.09 0.00	30.81 -0.15 5.61	39.90 -0.20 9.08	39.86 -0.20 9.08	34.40 -0.17 6.09	39.97 -0.19 7.14	136.31 -0.40 1.27	51.44 -0.14 2.02	37.05 -0.13 0.00	40.95 -0.14 0.00	39.18 -0.16 0.00	33.76 -0.10 0.00	32.08 -0.10 0.00
DOGLEVILLE___HYD 23807	21.98 -0.11 0.99	24.37 -0.26 0.00	22.61 -0.15 0.00	20.23 -0.10 0.00	21.40 -0.03 0.00	24.43 -0.04 0.00	28.57 -0.28 0.00	27.65 -0.30 0.00	24.98 -0.24 0.00	24.23 -0.33 0.00	24.81 -0.44 0.00	23.46 -0.56 0.00	29.97 -1.00 5.61	38.74 -1.35 9.08	38.79 -1.26 9.08	33.39 -1.17 6.09	39.06 -1.10 7.14	135.79 -0.92 1.27	51.44 -0.14 2.02	37.09 -0.10 0.00	41.03 -0.07 0.00	39.30 -0.04 0.00	33.64 -0.22 0.00	31.83 -0.36 0.00
DUNKIRK__115KV_TB_200 55889	16.71 -1.39 4.99	23.37 -1.26 0.00	21.49 -1.27 0.00	19.10 -1.23 0.00	20.12 -1.32 0.00	23.31 -1.16 0.00	27.54 -1.31 0.00	26.54 -1.41 0.00	24.11 -1.11 0.00	23.50 -1.05 0.00	24.12 -1.14 0.00	22.73 -1.30 0.00	4.77 -1.26 30.55	0.54 -1.65 46.99	0.68 -1.56 46.89	7.26 -2.38 31.02	7.97 -3.20 36.12	114.89 -9.89 13.20	37.04 -4.16 12.39	34.31 -2.88 0.00	37.95 -3.14 0.00	36.73 -2.61 0.00	31.89 -1.97 0.00	30.36 -1.84 0.00
DUNKIRK___1 23563	16.71 -1.39 4.99	23.37 -1.26 0.00	21.49 -1.27 0.00	19.10 -1.23 0.00	20.12 -1.32 0.00	23.31 -1.16 0.00	27.54 -1.31 0.00	26.54 -1.41 0.00	24.11 -1.11 0.00	23.50 -1.05 0.00	24.12 -1.14 0.00	22.73 -1.30 0.00	4.77 -1.26 30.55	0.54 -1.65 46.99	0.68 -1.56 46.89	7.26 -2.38 31.02	7.97 -3.20 36.12	114.89 -9.89 13.20	37.04 -4.16 12.39	34.31 -2.88 0.00	37.95 -3.14 0.00	36.73 -2.61 0.00	31.89 -1.97 0.00	30.36 -1.84 0.00
DUNKIRK___2 23564	16.71 -1.39 4.99	23.37 -1.26 0.00	21.49 -1.27 0.00	19.10 -1.23 0.00	20.12 -1.32 0.00	23.31 -1.16 0.00	27.54 -1.31 0.00	26.54 -1.41 0.00	24.11 -1.11 0.00	23.50 -1.05 0.00	24.12 -1.14 0.00	22.73 -1.30 0.00	4.77 -1.26 30.55	0.54 -1.65 46.99	0.68 -1.56 46.89	7.26 -2.38 31.02	7.97 -3.20 36.12	114.89 -9.89 13.20	37.04 -4.16 12.39	34.31 -2.88 0.00	37.95 -3.14 0.00	36.73 -2.61 0.00	31.89 -1.97 0.00	30.36 -1.84 0.00
DUNKIRK___3 23565	16.65 -1.46 4.98	23.29 -1.34 0.00	21.40 -1.36 0.00	19.03 -1.31 0.00	20.05 -1.38 0.00	23.20 -1.28 0.00	27.41 -1.44 0.00	26.38 -1.57 0.00	23.94 -1.28 0.00	23.35 -1.21 0.00	23.94 -1.31 0.00	22.58 -1.44 0.00	4.61 -1.46 30.51	0.30 -1.94 46.93	0.51 -1.83 46.79	7.21 -2.53 30.91	7.92 -3.38 36.00	113.84 -10.57 13.56	36.66 -4.44 12.50	34.15 -3.04 0.00	37.81 -3.29 0.00	36.60 -2.74 0.00	31.79 -2.07 0.00	30.32 -1.87 0.00
DUNKIRK___4 23566	16.65 -1.46 4.98	23.29 -1.34 0.00	21.40 -1.36 0.00	19.03 -1.31 0.00	20.05 -1.38 0.00	23.20 -1.28 0.00	27.41 -1.44 0.00	26.38 -1.57 0.00	23.94 -1.28 0.00	23.35 -1.21 0.00	23.94 -1.31 0.00	22.58 -1.44 0.00	4.61 -1.46 30.51	0.30 -1.94 46.93	0.51 -1.83 46.79	7.21 -2.53 30.91	7.92 -3.38 36.00	113.84 -10.57 13.56	36.66 -4.44 12.50	34.15 -3.04 0.00	37.81 -3.29 0.00	36.60 -2.74 0.00	31.79 -2.07 0.00	30.32 -1.87 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.23 1.16 1.01	25.63 1.00 0.00	23.73 0.97 0.00	21.20 0.86 0.00	22.37 0.94 0.00	25.48 1.01 0.00	30.09 1.24 0.00	29.20 1.25 0.00	26.43 1.21 0.00	25.74 1.18 0.00	26.52 1.27 0.00	25.38 1.35 0.00	32.99 1.86 5.45	42.97 2.53 8.73	43.00 2.60 8.73	37.01 2.44 6.08	43.04 3.03 7.28	144.71 8.03 1.30	54.43 2.89 2.06	39.04 1.86 0.00	42.98 1.89 0.00	41.00 1.65 0.00	35.42 1.56 0.00	33.51 1.33 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.08 1.04 1.04	25.54 0.91 0.00	23.64 0.87 0.00	21.11 0.78 0.00	22.28 0.84 0.00	25.39 0.91 0.00	29.99 1.14 0.00	29.08 1.13 0.00	26.27 1.06 0.00	25.57 1.01 0.00	26.31 1.06 0.00	25.15 1.12 0.00	32.45 1.53 5.66	42.21 2.10 9.07	42.25 2.19 9.07	36.42 2.08 6.31	42.36 2.62 7.55	143.76 7.12 1.34	54.08 2.61 2.13	38.89 1.70 0.00	42.86 1.76 0.00	40.89 1.55 0.00	35.31 1.45 0.00	33.43 1.24 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.29 1.22 1.00	25.66 1.03 0.00	23.82 1.05 0.00	21.27 0.93 0.00	22.43 1.00 0.00	25.51 1.04 0.00	30.15 1.30 0.00	29.34 1.39 0.00	26.59 1.37 0.00	25.80 1.25 0.00	26.60 1.35 0.00	25.51 1.48 0.00	33.04 1.91 5.45	43.15 2.71 8.73	43.17 2.77 8.73	37.19 2.62 6.08	43.23 3.22 7.28	145.01 8.33 1.30	54.56 3.02 2.06	39.11 1.92 0.00	43.04 1.95 0.00	41.04 1.69 0.00	35.50 1.65 0.00	33.56 1.37 0.00

E179THST_13_KV_LOAD 356214	23.38 1.30 1.00	25.76 1.12 0.00	23.90 1.13 0.00	21.33 1.00 0.00	22.51 1.07 0.00	25.60 1.13 0.00	30.26 1.41 0.00	29.45 1.50 0.00	26.70 1.48 0.00	25.90 1.35 0.00	26.71 1.46 0.00	25.61 1.58 0.00	33.19 2.06 5.45	43.39 2.95 8.73	43.38 2.99 8.73	37.37 2.80 6.08	43.45 3.44 7.28	145.62 8.94 1.30	54.82 3.28 2.06	39.28 2.10 0.00	43.23 2.13 0.00	41.22 1.88 0.00	35.66 1.81 0.00	33.69 1.50 0.00
EAST HAMPTON___GT 23717	23.12 1.04 1.00	25.50 0.86 0.00	23.63 0.87 0.00	21.18 0.84 0.00	22.36 0.92 0.00	25.41 0.94 0.00	30.11 1.26 0.00	29.39 1.44 0.00	26.70 1.48 0.00	26.20 1.64 0.00	27.14 1.89 0.00	24.12 2.19 2.10	31.67 3.41 8.31	42.66 4.64 11.16	44.13 5.08 10.08	42.74 5.00 2.91	32.69 5.52 20.12	138.37 12.91 12.51	57.14 4.27 0.73	35.69 2.86 4.36	47.74 2.94 -3.71	45.88 3.07 -3.47	40.89 2.84 -4.19	32.83 2.21 1.56
EAST RIVER___6 23660	23.31 1.23 1.01	25.69 1.06 0.00	23.79 1.03 0.00	21.25 0.91 0.00	22.43 0.99 0.00	25.50 1.03 0.00	30.14 1.29 0.00	29.29 1.34 0.00	26.53 1.32 0.00	25.86 1.30 0.00	26.65 1.40 0.00	25.54 1.51 0.00	33.22 2.09 5.45	43.25 2.81 8.73	43.31 2.91 8.73	37.29 2.72 6.08	43.37 3.35 7.28	145.36 8.68 1.30	54.69 3.15 2.06	39.18 2.00 0.00	43.11 2.02 0.00	41.11 1.77 0.00	35.53 1.67 0.00	33.59 1.40 0.00
EAST RIVER___7 23524	23.31 1.23 1.01	25.69 1.06 0.00	23.79 1.03 0.00	21.25 0.91 0.00	22.43 0.99 0.00	25.50 1.03 0.00	30.14 1.29 0.00	29.29 1.34 0.00	26.53 1.32 0.00	25.86 1.30 0.00	26.65 1.40 0.00	25.54 1.51 0.00	33.22 2.09 5.45	43.25 2.81 8.73	43.31 2.91 8.73	37.29 2.72 6.08	43.37 3.35 7.28	145.36 8.68 1.30	54.69 3.15 2.06	39.18 2.00 0.00	43.11 2.02 0.00	41.11 1.77 0.00	35.53 1.67 0.00	33.59 1.40 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.19 1.12 1.01	25.60 0.97 0.00	23.70 0.93 0.00	21.17 0.83 0.00	22.34 0.90 0.00	25.44 0.96 0.00	30.04 1.20 0.00	29.16 1.21 0.00	26.38 1.17 0.00	25.70 1.15 0.00	26.47 1.22 0.00	25.33 1.30 0.00	32.90 1.79 5.46	42.87 2.45 8.75	42.90 2.52 8.75	36.92 2.37 6.09	42.94 2.94 7.30	144.49 7.81 1.30	54.34 2.80 2.06	38.97 1.78 0.00	42.91 1.81 0.00	40.92 1.58 0.00	35.36 1.50 0.00	33.47 1.28 0.00
EAST_HAMPTON___DIESEL 23722	23.05 0.97 1.00	25.42 0.78 0.00	23.56 0.80 0.00	21.13 0.79 0.00	22.30 0.86 0.00	25.34 0.86 0.00	30.02 1.17 0.00	29.33 1.38 0.00	26.65 1.43 0.00	26.17 1.62 0.00	27.12 1.87 0.00	24.11 2.18 2.10	31.66 3.40 8.31	42.66 4.65 11.16	44.14 5.09 10.08	42.74 5.00 2.91	32.67 5.49 20.12	138.23 12.76 12.51	57.04 4.17 0.73	35.61 2.79 4.36	47.65 2.85 -3.71	45.82 3.00 -3.47	40.85 2.80 -4.19	32.78 2.15 1.56
EAST_POINT___SOLAR 323840	23.18 1.10 1.00	25.80 1.16 0.00	23.84 1.07 0.00	21.29 0.95 0.00	22.47 1.03 0.00	25.76 1.28 0.00	30.18 1.33 0.00	29.78 1.83 0.00	26.54 1.33 0.00	25.29 0.73 0.00	25.54 0.30 0.00	24.20 0.18 0.00	33.43 0.10 3.25	44.08 0.11 5.20	44.57 0.64 5.20	34.72 -0.04 5.88	40.77 0.73 7.25	141.40 4.71 1.29	53.84 2.29 2.05	39.11 1.93 0.00	43.44 2.35 0.00	41.66 2.32 0.00	35.77 1.92 0.00	33.92 1.73 0.00
EAST_PULASKI___ESR 323781	11.46 -1.02 10.61	23.63 -1.00 0.00	21.85 -0.91 0.00	19.50 -0.84 0.00	20.62 -0.81 0.00	23.65 -0.82 0.00	27.98 -0.87 0.00	26.99 -0.96 0.00	24.20 -1.02 0.00	23.45 -1.11 0.00	24.04 -1.21 0.00	22.76 -1.27 0.00	-25.16 -1.82 59.92	-50.50 -2.41 97.26	-50.48 -2.35 97.26	-26.80 -2.03 65.42	-31.88 -2.32 76.86	118.32 -5.97 13.69	29.73 -2.16 21.72	35.93 -1.26 0.00	39.75 -1.35 0.00	38.12 -1.22 0.00	32.79 -1.07 0.00	31.05 -1.14 0.00
EAST_RIVER___1 323558	23.31 1.23 1.01	25.69 1.06 0.00	23.79 1.03 0.00	21.25 0.91 0.00	22.43 0.99 0.00	25.51 1.04 0.00	30.15 1.30 0.00	29.30 1.35 0.00	26.53 1.32 0.00	25.86 1.31 0.00	26.65 1.40 0.00	25.53 1.50 0.00	33.21 2.08 5.45	43.23 2.79 8.73	43.29 2.89 8.73	37.27 2.70 6.08	43.34 3.32 7.28	145.33 8.64 1.30	54.67 3.13 2.06	39.16 1.98 0.00	43.11 2.01 0.00	41.09 1.75 0.00	35.53 1.67 0.00	33.59 1.40 0.00
EAST_RIVER___2 323559	23.31 1.23 1.01	25.69 1.06 0.00	23.79 1.03 0.00	21.25 0.91 0.00	22.43 0.99 0.00	25.50 1.03 0.00	30.14 1.29 0.00	29.29 1.34 0.00	26.53 1.32 0.00	25.86 1.30 0.00	26.65 1.40 0.00	25.54 1.51 0.00	33.22 2.09 5.45	43.25 2.81 8.73	43.31 2.91 8.73	37.29 2.72 6.08	43.37 3.35 7.28	145.36 8.68 1.30	54.69 3.15 2.06	39.18 2.00 0.00	43.11 2.02 0.00	41.11 1.77 0.00	35.53 1.67 0.00	33.59 1.40 0.00
EAST___DELAWARE_HYD 23607	23.21 1.23 1.09	25.76 1.13 0.00	23.83 1.07 0.00	21.29 0.95 0.00	22.46 1.02 0.00	25.62 1.15 0.00	30.29 1.43 0.00	29.35 1.40 0.00	26.47 1.26 0.00	25.72 1.16 0.00	26.40 1.15 0.00	25.11 1.08 0.00	32.13 1.52 5.96	41.82 2.20 9.56	41.87 2.29 9.55	36.17 2.16 6.63	42.13 2.76 7.93	144.51 7.94 1.41	54.49 3.13 2.24	39.33 2.15 0.00	43.38 2.29 0.00	41.37 2.03 0.00	35.68 1.82 0.00	33.77 1.59 0.00
EIGHT_POINT___WT_PWR 323820	16.21 -1.29 5.58	23.38 -1.25 0.00	21.63 -1.13 0.00	19.41 -0.93 0.00	20.53 -0.91 0.00	23.72 -0.75 0.00	28.07 -0.78 0.00	26.77 -1.18 0.00	23.88 -1.34 0.00	23.25 -1.31 0.00	23.71 -1.54 0.00	22.36 -1.67 0.00	0.83 -2.06 33.69	-6.18 -2.66 52.70	-6.02 -2.45 52.70	3.26 -2.55 34.85	3.47 -3.30 40.52	146.38 -10.00 -18.40	43.06 -3.90 6.64	35.04 -2.14 0.00	38.89 -2.21 0.00	37.46 -1.88 0.00	32.28 -1.57 0.00	30.64 -1.55 0.00
ELBRIDGE_115KV_TB2 80188	11.76 -0.90 10.43	23.71 -0.92 0.00	21.90 -0.87 0.00	19.55 -0.79 0.00	20.64 -0.79 0.00	23.65 -0.82 0.00	27.91 -0.95 0.00	26.90 -1.05 0.00	24.19 -1.02 0.00	23.52 -1.04 0.00	24.14 -1.11 0.00	22.89 -1.14 0.00	-24.49 -1.64 59.42	-48.91 -2.22 95.87	-48.91 -2.17 95.87	-25.66 -1.93 64.37	-30.50 -2.24 75.55	118.34 -6.19 13.46	29.97 -2.28 21.35	35.78 -1.40 0.00	39.60 -1.49 0.00	37.92 -1.42 0.00	32.68 -1.17 0.00	31.01 -1.18 0.00
ELEC_TRO_TEK 24086	23.38 1.30 1.00	25.82 1.19 0.00	23.87 1.10 0.00	21.30 0.96 0.00	22.50 1.07 0.00	25.66 1.19 0.00	30.31 1.45 0.00	29.35 1.40 0.00	26.54 1.32 0.00	25.85 1.29 0.00	26.72 1.48 0.00	35.31 1.63 -9.65	46.55 2.29 -7.69	54.62 2.99 -2.46	63.27 3.12 -11.02	79.63 2.93 -36.05	62.44 3.43 -11.71	155.65 8.76 -8.91	69.22 3.21 -12.41	86.68 2.24 -47.26	74.73 2.24 -31.40	76.42 2.16 -34.92	80.66 2.03 -44.78	58.18 1.78 -24.21
ELLENBURG_WT_PWR 323604	22.34 -0.01 0.73	24.85 0.22 0.00	22.89 0.13 0.00	20.46 0.12 0.00	21.53 0.09 0.00	24.64 0.17 0.00	29.12 0.27 0.00	28.36 0.41 0.00	25.53 0.31 0.00	24.91 0.36 0.00	25.62 0.37 0.00	24.36 0.33 0.00	32.94 0.51 4.15	43.08 0.64 6.72	43.08 0.67 6.72	36.62 0.49 4.52	42.47 0.48 5.30	138.70 1.67 0.94	52.57 0.47 1.50	37.65 0.47 0.00	41.65 0.56 0.00	39.95 0.61 0.00	34.22 0.36 0.00	32.58 0.39 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.39 -1.78 4.91	22.96 -1.68 0.00	21.00 -1.77 0.00	18.67 -1.67 0.00	19.69 -1.74 0.00	22.74 -1.73 0.00	26.86 -1.99 0.00	25.61 -2.34 0.00	23.02 -2.20 0.00	22.44 -2.12 0.00	23.11 -2.14 0.00	21.78 -2.25 0.00	4.02 -2.55 30.00	-0.17 -3.41 45.93	0.19 -3.01 45.93	6.88 -3.49 30.28	7.48 -4.53 35.29	110.33 -13.81 13.83	35.67 -5.47 12.46	33.48 -3.71 0.00	37.18 -3.91 0.00	36.00 -3.34 0.00	31.28 -2.58 0.00	30.02 -2.17 0.00
EMPIRE_CC_1 323656	22.48 0.14 0.74	24.70 0.07 0.00	22.90 0.13 0.00	20.52 0.18 0.00	21.62 0.18 0.00	24.64 0.16 0.00	28.90 0.05 0.00	28.02 0.08 0.00	25.23 0.02 0.00	24.54 -0.02 0.00	25.22 -0.03 0.00	23.97 -0.06 0.00	32.58 -0.11 3.89	42.87 -0.08 6.23	42.75 -0.15 6.23	36.02 -0.15 4.47	41.82 -0.11 5.37	137.68 0.66 0.96	52.38 0.31 1.52	37.16 -0.02 0.00	41.12 0.03 0.00	39.32 -0.02 0.00	33.79 -0.06 0.00	32.23 0.04 0.00
EMPIRE_CC_2 323658	22.48 0.14 0.74	24.70 0.07 0.00	22.90 0.13 0.00	20.52 0.18 0.00	21.62 0.18 0.00	24.64 0.16 0.00	28.90 0.05 0.00	28.02 0.08 0.00	25.23 0.02 0.00	24.54 -0.02 0.00	25.22 -0.03 0.00	23.97 -0.06 0.00	32.58 -0.11 3.89	42.87 -0.08 6.23	42.75 -0.15 6.23	36.02 -0.15 4.47	41.82 -0.11 5.37	137.68 0.66 0.96	52.38 0.31 1.52	37.16 -0.02 0.00	41.12 0.03 0.00	39.32 -0.02 0.00	33.79 -0.06 0.00	32.23 0.04 0.00
ENORWICH_115KV_TB1 80156	18.05 0.64 5.67	25.34 0.71 0.00	23.36 0.60 0.00	20.90 0.56 0.00	22.03 0.59 0.00	25.40 0.93 0.00	30.18 1.32 0.00	29.27 1.32 0.00	26.35 1.13 0.00	25.73 1.18 0.00	26.32 1.07 0.00	24.80 0.78 0.00	-0.66 1.51 38.74	-10.90 1.93 62.01	-10.93 1.96 62.01	4.52 1.33 37.46	7.84 1.65 41.10	137.59 5.50 5.89	45.45 2.38 10.52	39.13 1.94 0.00	43.41 2.32 0.00	41.60 2.26 0.00	35.63 1.77 0.00	33.61 1.42 0.00
ERIE_ST__34_KV_TB1-2 80199	16.71 -1.41 4.96	23.33 -1.30 0.00	21.35 -1.41 0.00	18.99 -1.35 0.00	20.03 -1.40 0.00	23.13 -1.34 0.00	27.35 -1.50 0.00	26.23 -1.72 0.00	23.59 -1.63 0.00	23.00 -1.55 0.00	23.57 -1.68 0.00	22.21 -1.82 0.00	4.38 -1.84 30.36	0.04 -2.51 46.63	0.38 -2.12 46.64	7.18 -2.52 30.95	7.89 -3.34 36.05	113.48 -10.97 13.53	36.87 -4.45 12.28	34.17 -3.02 0.00	37.93 -3.16 0.00	36.70 -2.64 0.00	31.86 -2.00 0.00	30.53 -1.66 0.00
ERIE_WT_PWR 323693	16.50 -1.63 4.95	23.10 -1.53 0.00	21.14 -1.62 0.00	18.81 -1.53 0.00	19.84 -1.59 0.00	22.92 -1.55 0.00	27.08 -1.78 0.00	25.95 -2.00 0.00	23.29 -1.93 0.00	22.74 -1.82 0.00	23.28 -1.97 0.00	21.95 -2.08 0.00	3.96 -2.32 30.29	-0.21 -2.90 46.49	0.05 -2.58 46.50	6.80 -2.95 30.89	7.44 -3.87 35.99	111.11 -12.43 14.44	35.97 -5.17 12.46	33.72 -3.47 0.00	37.44 -3.65 0.00	36.24 -3.10 0.00	31.50 -2.36 0.00	30.18 -2.01 0.00
ESPRGFLD_115KV_TB1 80157	22.10 0.70 1.68	25.39 0.76 0.00	23.48 0.71 0.00	20.94 0.60 0.00	22.08 0.64 0.00	25.30 0.82 0.00	30.05 1.20 0.00	30.84 2.89 0.00	27.47 2.25 0.00	26.33 1.78 0.00	26.91 1.66 0.00	25.58 1.55 0.00	35.64 2.31 3.25	47.22 3.24 5.20	47.23 3.30 5.20	32.44 1.49 9.70	36.67 1.52 12.15	139.83 4.02 2.16	51.83 1.66 3.43	38.53 1.34 0.00	42.64 1.55 0.00	40.92 1.57 0.00	35.23 1.37 0.00	33.44 1.25 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	15.59 -0.20 7.29	24.44 -0.19 0.00	22.58 -0.18 0.00	20.17 -0.17 0.00	21.30 -0.14 0.00	24.42 -0.05 0.00	28.89 0.04 0.00	27.87 -0.08 0.00	25.03 -0.18 0.00	24.34 -0.22 0.00	24.93 -0.31 0.00	23.57 -0.45 0.00	-7.20 -0.61 43.17	-20.92 -0.89 69.21	-20.88 -0.80 69.21	-5.68 -0.79 45.54	-6.41 -0.89 52.82	128.56 -2.35 7.06	40.36 -0.71 12.53	37.00 -0.19 0.00	41.01 -0.09 0.00	39.31 -0.03 0.00	33.84 -0.02 0.00	32.04 -0.15 0.00
ETNA____115KV_TB2 80207	15.59 -0.20 7.29	24.44 -0.19 0.00	22.58 -0.18 0.00	20.17 -0.17 0.00	21.30 -0.14 0.00	24.42 -0.05 0.00	28.89 0.04 0.00	27.87 -0.08 0.00	25.03 -0.18 0.00	24.34 -0.22 0.00	24.93 -0.31 0.00	23.57 -0.45 0.00	-7.20 -0.61 43.17	-20.92 -0.89 69.21	-20.88 -0.80 69.21	-5.68 -0.79 45.54	-6.41 -0.89 52.82	128.56 -2.35 7.06	40.36 -0.71 12.53	37.00 -0.19 0.00	41.01 -0.09 0.00	39.31 -0.03 0.00	33.84 -0.02 0.00	32.04 -0.15 0.00
EUCLID___115KV_TB2 356179	12.18 -0.78 10.12	23.82 -0.81 0.00	22.01 -0.76 0.00	19.64 -0.69 0.00	20.74 -0.70 0.00	23.75 -0.72 0.00	28.08 -0.78 0.00	27.09 -0.86 0.00	24.38 -0.84 0.00	23.71 -0.85 0.00	24.35 -0.90 0.00	23.09 -0.93 0.00	-22.17 -1.35 57.40	-45.61 -1.81 92.97	-45.60 -1.76 92.97	-23.38 -1.58 62.45	-27.83 -1.82 73.31	119.91 -5.01 13.06	31.06 -1.82 20.71	35.99 -1.20 0.00	39.82 -1.27 0.00	38.16 -1.18 0.00	32.86 -0.99 0.00	31.19 -1.00 0.00
E_CANADA_CAP_HY 24051	22.80 0.89 1.17	25.61 0.98 0.00	23.66 0.90 0.00	21.11 0.77 0.00	22.26 0.82 0.00	25.49 1.02 0.00	30.08 1.22 0.00	29.89 1.94 0.00	26.62 1.40 0.00	25.56 1.00 0.00	26.15 0.91 0.00	24.85 0.82 0.00	34.51 1.18 3.25	45.68 1.70 5.20	45.74 1.80 5.20	34.81 0.99 6.84	40.12 1.29 8.47	140.57 4.10 1.51	53.03 1.82 2.39	38.70 1.51 0.00	42.91 1.82 0.00	41.28 1.94 0.00	35.49 1.64 0.00	33.74 1.55 0.00
E_CANADA_MHWK_HY 24050	21.98 -0.11 0.99	24.37 -0.26 0.00	22.62 -0.15 0.00	20.23 -0.10 0.00	21.40 -0.03 0.00	24.43 -0.04 0.00	28.58 -0.28 0.00	27.65 -0.30 0.00	24.98 -0.23 0.00	24.23 -0.33 0.00	24.82 -0.43 0.00	23.46 -0.56 0.00	29.97 -1.00 5.61	38.74 -1.35 9.08	38.80 -1.26 9.08	33.40 -1.17 6.09	39.06 -1.10 7.14	135.79 -0.91 1.27	51.44 -0.14 2.02	37.09 -0.10 0.00	41.03 -0.06 0.00	39.30 -0.04 0.00	33.64 -0.22 0.00	31.83 -0.36 0.00
E_FISHKILL___LBMP 23776	23.05 0.96 0.99	25.44 0.81 0.00	23.56 0.80 0.00	21.05 0.72 0.00	22.21 0.78 0.00	25.29 0.82 0.00	29.86 1.01 0.00	28.97 1.02 0.00	26.20 0.98 0.00	25.52 0.96 0.00	26.27 1.02 0.00	25.12 1.09 0.00	32.72 1.49 5.34	42.65 2.03 8.56	42.66 2.09 8.56	36.66 1.98 5.97	42.61 2.46 7.14	143.27 6.56 1.27	53.95 2.37 2.02	38.67 1.48 0.00	42.61 1.51 0.00	40.66 1.31 0.00	35.11 1.26 0.00	33.26 1.07 0.00
FALCON___SEABRD_CC1 323796	22.54 0.20 0.74	25.07 0.44 0.00	23.11 0.34 0.00	20.66 0.32 0.00	21.77 0.34 0.00	24.92 0.44 0.00	29.46 0.61 0.00	28.75 0.80 0.00	25.82 0.60 0.00	25.20 0.64 0.00	25.90 0.65 0.00	24.61 0.58 0.00	33.27 0.91 4.22	43.54 1.21 6.85	43.53 1.25 6.85	36.98 0.93 4.60	42.92 1.02 5.40	140.58 3.56 0.96	53.29 1.21 1.53	38.08 0.90 0.00	42.15 1.06 0.00	40.43 1.09 0.00	34.59 0.73 0.00	32.91 0.72 0.00
FALCON___SEABRD_CC2 323797	22.54 0.20 0.74	25.07 0.44 0.00	23.11 0.34 0.00	20.66 0.32 0.00	21.77 0.34 0.00	24.92 0.44 0.00	29.46 0.61 0.00	28.75 0.80 0.00	25.82 0.60 0.00	25.20 0.64 0.00	25.90 0.65 0.00	24.61 0.58 0.00	33.27 0.91 4.22	43.54 1.21 6.85	43.53 1.25 6.85	36.98 0.93 4.60	42.92 1.02 5.40	140.58 3.56 0.96	53.29 1.21 1.53	38.08 0.90 0.00	42.15 1.06 0.00	40.43 1.09 0.00	34.59 0.73 0.00	32.91 0.72 0.00

FAR ROCKAWAY___4 23548	23.63 1.56 1.00	26.08 1.45 0.00	24.10 1.34 0.00	21.51 1.17 0.00	22.71 1.28 0.00	25.92 1.44 0.00	30.63 1.77 0.00	29.64 1.69 0.00	26.79 1.57 0.00	26.08 1.53 0.00	26.98 1.73 0.00	52.82 1.89 -26.91	70.44 2.70 -31.16	75.34 3.55 -22.62	90.88 3.71 -38.04	123.87 3.40 -79.81	97.60 3.97 -46.34	179.56 9.79 -31.78	84.63 3.38 -27.65	143.31 2.75 -103.38	106.42 2.81 -62.52	112.06 2.68 -70.05	126.32 2.42 -90.05	96.03 2.14 -61.69
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.31 1.23 1.01	25.69 1.06 0.00	23.79 1.03 0.00	21.25 0.91 0.00	22.43 0.99 0.00	25.53 1.05 0.00	30.16 1.31 0.00	29.31 1.36 0.00	26.54 1.32 0.00	25.87 1.31 0.00	26.65 1.40 0.00	25.52 1.49 0.00	33.19 2.06 5.45	43.26 2.82 8.73	43.28 2.89 8.73	37.26 2.69 6.08	43.33 3.31 7.28	145.36 8.67 1.30	54.67 3.13 2.06	39.17 1.99 0.00	43.11 2.01 0.00	41.10 1.77 0.00	35.53 1.68 0.00	33.61 1.42 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.32 1.24 1.01	25.70 1.07 0.00	23.80 1.03 0.00	21.26 0.92 0.00	22.43 0.99 0.00	25.53 1.06 0.00	30.17 1.32 0.00	29.31 1.36 0.00	26.55 1.33 0.00	25.87 1.31 0.00	26.65 1.40 0.00	25.52 1.49 0.00	33.19 2.06 5.45	43.26 2.82 8.73	43.29 2.89 8.73	37.27 2.70 6.08	43.34 3.32 7.28	145.39 8.71 1.30	54.67 3.14 2.06	39.19 2.00 0.00	43.11 2.02 0.00	41.11 1.77 0.00	35.54 1.69 0.00	33.61 1.42 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.30 1.23 1.01	25.68 1.05 0.00	23.78 1.02 0.00	21.25 0.91 0.00	22.42 0.99 0.00	25.52 1.04 0.00	30.16 1.31 0.00	29.30 1.35 0.00	26.54 1.32 0.00	25.86 1.30 0.00	26.64 1.39 0.00	25.51 1.48 0.00	33.17 2.05 5.45	43.25 2.82 8.73	43.28 2.88 8.73	37.25 2.68 6.08	43.32 3.31 7.28	145.33 8.65 1.30	54.66 3.12 2.06	39.16 1.98 0.00	43.08 1.99 0.00	41.08 1.75 0.00	35.52 1.66 0.00	33.59 1.40 0.00
FARRAGUT___LBMP 323566	23.29 1.21 1.01	25.67 1.04 0.00	23.77 1.01 0.00	21.24 0.90 0.00	22.40 0.97 0.00	25.50 1.03 0.00	30.13 1.28 0.00	29.27 1.32 0.00	26.51 1.29 0.00	25.83 1.28 0.00	26.61 1.36 0.00	25.48 1.45 0.00	33.14 2.01 5.45	43.19 2.75 8.73	43.23 2.83 8.73	37.20 2.64 6.08	43.27 3.26 7.28	145.13 8.45 1.30	54.60 3.06 2.06	39.13 1.94 0.00	43.06 1.96 0.00	41.05 1.71 0.00	35.49 1.64 0.00	33.57 1.38 0.00
FENNER___WINDPWR 24204	16.51 0.00 6.57	24.65 0.02 0.00	22.78 0.02 0.00	20.34 0.00 0.00	21.48 0.05 0.00	24.62 0.15 0.00	29.12 0.27 0.00	28.15 0.20 0.00	25.32 0.10 0.00	24.59 0.03 0.00	25.25 0.00 0.00	23.92 -0.11 0.00	-1.37 -0.17 37.77	-12.06 -0.27 60.96	-12.04 -0.21 60.96	-0.24 -0.20 40.69	-0.39 -0.10 47.59	129.69 0.18 8.47	40.73 0.21 13.07	37.46 0.27 0.00	41.45 0.36 0.00	39.70 0.36 0.00	34.13 0.27 0.00	32.34 0.15 0.00
FIBERTEK___ENERGY 23856	11.94 -0.70 10.45	23.91 -0.72 0.00	22.08 -0.69 0.00	19.72 -0.62 0.00	20.82 -0.61 0.00	23.86 -0.61 0.00	28.19 -0.66 0.00	27.19 -0.76 0.00	24.45 -0.77 0.00	23.77 -0.79 0.00	24.41 -0.84 0.00	23.14 -0.88 0.00	-24.13 -1.28 59.43	-48.58 -1.74 96.01	-48.57 -1.68 96.01	-25.35 -1.51 64.48	-30.11 -1.73 75.68	119.89 -4.61 13.48	30.57 -1.65 21.38	36.15 -1.03 0.00	40.01 -1.09 0.00	38.32 -1.02 0.00	33.00 -0.86 0.00	31.30 -0.90 0.00
FITZPATRICK___ 23598	5.71 -1.17 16.20	23.41 -1.22 0.00	21.63 -1.14 0.00	19.31 -1.03 0.00	20.38 -1.06 0.00	23.32 -1.15 0.00	27.53 -1.32 0.00	26.58 -1.37 0.00	23.93 -1.28 0.00	23.28 -1.28 0.00	23.91 -1.34 0.00	22.70 -1.33 0.00	-56.78 -1.95 91.40	-101.35 -2.60 147.93	-101.37 -2.57 147.93	-61.36 -2.24 99.78	-72.70 -2.62 117.37	109.64 -7.43 20.90	17.62 -2.81 33.17	35.30 -1.88 0.00	39.07 -2.03 0.00	37.44 -1.89 0.00	32.25 -1.61 0.00	30.64 -1.55 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.28 1.21 1.01	25.71 1.08 0.00	23.79 1.03 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.57 1.10 0.00	30.22 1.37 0.00	29.30 1.35 0.00	26.48 1.26 0.00	25.76 1.21 0.00	26.52 1.27 0.00	25.34 1.31 0.00	32.95 1.82 5.45	42.93 2.49 8.73	42.98 2.58 8.73	36.95 2.38 6.08	43.01 2.99 7.28	144.96 8.27 1.30	54.62 3.08 2.06	39.22 2.03 0.00	43.21 2.11 0.00	41.22 1.88 0.00	35.56 1.71 0.00	33.65 1.46 0.00
FORT ORANGE___ 23900	22.55 0.18 0.72	24.74 0.11 0.00	22.93 0.16 0.00	20.52 0.18 0.00	21.59 0.16 0.00	24.62 0.15 0.00	28.93 0.07 0.00	28.02 0.07 0.00	25.23 0.02 0.00	24.57 0.01 0.00	25.21 -0.03 0.00	23.98 -0.04 0.00	32.83 -0.13 3.62	43.15 -0.23 5.80	43.04 -0.29 5.80	36.24 -0.14 4.28	42.03 -0.09 5.18	137.68 0.63 0.93	52.41 0.28 1.47	37.28 0.10 0.00	41.27 0.17 0.00	39.44 0.10 0.00	33.92 0.06 0.00	32.24 0.05 0.00
FORT_DRUM_COGEN 23780	15.60 -0.75 6.73	24.09 -0.54 0.00	22.35 -0.42 0.00	19.89 -0.45 0.00	21.15 -0.29 0.00	24.33 -0.14 0.00	28.84 -0.01 0.00	27.84 -0.11 0.00	24.78 -0.44 0.00	23.86 -0.70 0.00	24.38 -0.87 0.00	23.01 -1.02 0.00	-2.82 -1.35 38.05	-14.38 -1.84 61.72	-14.19 -1.61 61.72	-2.12 -1.28 41.49	-2.88 -1.45 48.72	126.39 -2.92 8.68	38.90 -0.93 13.77	37.17 -0.01 0.00	41.07 -0.02 0.00	39.53 0.19 0.00	33.92 0.07 0.00	31.94 -0.25 0.00
FOX_HILLS___ESR 323835	23.46 1.38 1.00	25.87 1.24 0.00	24.04 1.27 0.00	21.50 1.15 0.00	22.68 1.24 0.00	25.80 1.32 -0.01	30.45 1.60 0.00	29.55 1.60 0.00	26.66 1.44 0.00	25.88 1.32 0.00	26.63 1.38 0.00	25.52 1.49 0.00	33.16 2.03 5.45	43.26 2.82 8.73	43.28 2.88 8.73	37.24 2.67 6.08	43.39 3.38 7.28	145.38 8.70 1.30	54.62 3.08 2.06	39.50 2.00 -0.31	43.10 2.01 0.00	43.25 1.76 -2.16	40.47 1.69 -4.92	33.68 1.48 0.00
FPL_FAR_ROCK_GT1 24212	23.64 1.56 1.00	26.08 1.45 0.00	24.10 1.34 0.00	21.51 1.17 0.00	22.71 1.28 0.00	25.92 1.44 0.00	30.63 1.77 0.00	29.64 1.69 0.00	26.79 1.57 0.00	26.08 1.53 0.00	26.98 1.73 0.00	52.82 1.89 -26.91	70.42 2.69 -31.16	75.30 3.51 -22.62	90.87 3.69 -38.04	123.86 3.40 -79.81	97.60 3.97 -46.34	179.55 9.79 -31.78	84.64 3.39 -27.65	143.31 2.75 -103.38	106.42 2.81 -62.52	112.06 2.67 -70.05	126.32 2.41 -90.05	96.03 2.15 -61.69
FPL_FAR_ROCK_GT2 23815	23.64 1.56 1.00	26.08 1.45 0.00	24.10 1.34 0.00	21.51 1.17 0.00	22.71 1.28 0.00	25.92 1.44 0.00	30.63 1.77 0.00	29.64 1.69 0.00	26.79 1.57 0.00	26.08 1.53 0.00	26.98 1.73 0.00	52.82 1.89 -26.91	70.42 2.69 -31.16	75.30 3.51 -22.62	90.87 3.69 -38.04	123.86 3.40 -79.81	97.60 3.97 -46.34	179.55 9.79 -31.78	84.64 3.39 -27.65	143.31 2.75 -103.38	106.42 2.81 -62.52	112.06 2.67 -70.05	126.32 2.41 -90.05	96.03 2.15 -61.69
FRANKLIN_FALL_HYD 24054	22.06 0.07 1.09	24.94 0.32 0.00	22.97 0.20 0.00	20.50 0.16 0.00	21.58 0.14 0.00	24.71 0.24 0.00	29.21 0.36 0.00	28.44 0.49 0.00	25.61 0.39 0.00	24.97 0.42 0.00	25.69 0.44 0.00	24.42 0.40 0.00	30.94 0.56 6.20	39.75 0.62 10.05	39.83 0.74 10.05	34.44 0.54 6.75	39.88 0.51 7.92	138.28 1.72 1.41	51.93 0.56 2.24	37.82 0.64 0.00	41.83 0.74 0.00	40.16 0.82 0.00	34.39 0.54 0.00	32.70 0.51 0.00

FREEPORT_EQUS_GT1 23764	23.55 1.48 1.00	25.99 1.36 0.00	24.02 1.26 0.00	21.44 1.10 0.00	22.64 1.20 0.00	25.84 1.37 0.00	30.52 1.67 0.00	29.54 1.59 0.00	26.70 1.48 0.00	25.98 1.43 0.00	26.87 1.62 0.00	33.69 1.76 -7.90	44.39 2.48 -5.33	52.70 3.21 -0.32	59.38 3.39 -6.86	70.84 3.20 -26.99	56.20 3.78 -5.13	152.11 9.55 -4.58	66.49 3.49 -9.40	75.00 2.45 -35.37	68.29 2.50 -24.70	69.27 2.42 -27.51	71.42 2.33 -35.23	54.10 2.04 -19.86
FREEPORT___CT2 23818	23.55 1.48 1.00	25.99 1.36 0.00	24.02 1.26 0.00	21.44 1.10 0.00	22.64 1.20 0.00	25.84 1.37 0.00	30.52 1.67 0.00	29.54 1.59 0.00	26.70 1.48 0.00	25.98 1.43 0.00	26.87 1.62 0.00	33.69 1.76 -7.90	44.39 2.48 -5.33	52.70 3.21 -0.32	59.38 3.39 -6.86	70.84 3.20 -26.99	56.20 3.78 -5.13	152.11 9.55 -4.58	66.49 3.49 -9.40	75.00 2.45 -35.37	68.29 2.50 -24.70	69.27 2.42 -27.51	71.42 2.33 -35.23	54.10 2.04 -19.86
FRESHKLS_33_KV_LOAD 356253	23.51 1.43 1.00	25.96 1.32 0.00	24.15 1.38 0.00	21.62 1.28 0.00	22.81 1.38 0.00	25.96 1.48 -0.01	30.60 1.74 0.00	29.65 1.69 0.00	26.70 1.48 0.00	25.86 1.31 0.00	26.60 1.35 0.00	25.49 1.46 0.00	33.12 1.99 5.45	43.21 2.77 8.73	43.23 2.84 8.73	37.21 2.64 6.08	43.38 3.36 7.28	145.34 8.66 1.30	54.60 3.06 2.06	39.50 2.00 -0.31	43.10 2.01 0.00	43.25 1.75 -2.16	40.47 1.69 -4.92	33.71 1.51 0.00
FULTON COGEN____ 23766	10.29 -1.04 11.75	23.54 -1.09 0.00	21.75 -1.02 0.00	19.41 -0.92 0.00	20.50 -0.93 0.00	23.48 -0.99 0.00	27.76 -1.09 0.00	26.79 -1.17 0.00	24.08 -1.14 0.00	23.39 -1.16 0.00	24.03 -1.22 0.00	22.78 -1.25 0.00	-31.62 -1.85 66.34	-61.00 -2.46 107.71	-61.05 -2.47 107.71	-33.97 -2.15 72.46	-40.31 -2.47 85.13	115.94 -6.87 15.16	27.04 -2.50 24.06	35.57 -1.62 0.00	39.39 -1.71 0.00	37.76 -1.58 0.00	32.49 -1.37 0.00	30.84 -1.35 0.00
FULTON___LFGE 323630	23.06 0.94 0.96	25.61 0.98 0.00	23.68 0.91 0.00	21.14 0.80 0.00	22.31 0.87 0.00	25.55 1.08 0.00	30.08 1.23 0.00	29.45 1.50 0.00	26.25 1.03 0.00	25.24 0.69 0.00	25.71 0.46 0.00	24.42 0.40 0.00	33.71 0.38 3.25	44.68 0.71 5.20	44.78 0.85 5.20	35.56 0.56 5.65	41.48 1.13 6.94	141.13 4.39 1.24	53.66 2.02 1.96	38.82 1.64 0.00	43.04 1.95 0.00	41.26 1.91 0.00	35.42 1.56 0.00	33.61 1.42 0.00
G.F.CEMENT___DRP 24184	23.19 0.79 0.69	25.42 0.79 0.00	23.50 0.74 0.00	21.06 0.72 0.00	22.24 0.81 0.00	25.41 0.94 0.00	29.93 1.07 0.00	29.11 1.16 0.00	26.06 0.85 0.00	25.26 0.70 0.00	25.93 0.69 0.00	24.58 0.55 0.00	34.10 0.84 3.32	45.13 1.27 5.32	45.02 1.20 5.32	37.24 0.71 4.12	43.35 1.03 4.97	142.47 5.37 0.88	54.32 2.13 1.41	38.50 1.32 0.00	42.69 1.60 0.00	40.80 1.46 0.00	34.80 0.95 0.00	33.00 0.81 0.00
GARDENVILLE___LBMP 24039	16.46 -1.68 4.95	23.05 -1.59 0.00	21.10 -1.67 0.00	18.77 -1.57 0.00	19.79 -1.64 0.00	22.87 -1.61 0.00	27.01 -1.85 0.00	25.88 -2.07 0.00	23.21 -2.01 0.00	22.61 -1.94 0.00	23.18 -2.07 0.00	21.86 -2.17 0.00	3.85 -2.43 30.30	-0.56 -3.24 46.50	-0.23 -2.82 46.55	6.54 -3.01 31.09	7.11 -3.97 36.22	106.93 -13.00 18.05	35.63 -5.23 12.74	33.64 -3.54 0.00	37.37 -3.73 0.00	36.17 -3.17 0.00	31.43 -2.43 0.00	30.12 -2.07 0.00
GARDNVLA_35_KV_LD 355827	16.51 -1.62 4.95	23.13 -1.51 0.00	21.16 -1.60 0.00	18.82 -1.52 0.00	19.85 -1.58 0.00	22.94 -1.54 0.00	27.10 -1.75 0.00	25.96 -1.99 0.00	23.32 -1.89 0.00	22.74 -1.81 0.00	23.31 -1.93 0.00	21.98 -2.05 0.00	4.03 -2.25 30.29	-0.32 -3.01 46.48	0.05 -2.59 46.49	6.94 -2.89 30.82	7.56 -3.83 35.90	112.00 -12.22 13.76	36.19 -5.05 12.35	33.77 -3.41 0.00	37.52 -3.58 0.00	36.32 -3.02 0.00	31.55 -2.31 0.00	30.24 -1.95 0.00
GELCKHM___115KV_LOAD 80723	12.04 -0.76 10.29	23.85 -0.79 0.00	22.03 -0.73 0.00	19.67 -0.67 0.00	20.77 -0.66 0.00	23.79 -0.68 0.00	28.11 -0.74 0.00	27.12 -0.83 0.00	24.40 -0.81 0.00	23.73 -0.82 0.00	24.36 -0.89 0.00	23.10 -0.93 0.00	-23.20 -1.34 58.44	-47.20 -1.80 94.57	-47.18 -1.74 94.57	-24.44 -1.56 63.53	-29.07 -1.80 74.57	119.82 -4.88 13.28	30.77 -1.76 21.07	36.05 -1.14 0.00	39.90 -1.20 0.00	38.22 -1.12 0.00	32.91 -0.95 0.00	31.23 -0.96 0.00
GENERAL___MILLS 23808	16.49 -1.64 4.95	23.09 -1.54 0.00	21.14 -1.63 0.00	18.80 -1.54 0.00	19.83 -1.61 0.00	22.91 -1.57 0.00	27.06 -1.79 0.00	25.93 -2.02 0.00	23.28 -1.93 0.00	22.73 -1.83 0.00	23.28 -1.97 0.00	21.95 -2.08 0.00	3.99 -2.29 30.29	-0.38 -3.07 46.49	-0.02 -2.65 46.50	6.80 -2.95 30.89	7.42 -3.88 35.99	111.05 -12.49 14.44	36.01 -5.13 12.46	33.72 -3.47 0.00	37.45 -3.64 0.00	36.25 -3.09 0.00	31.50 -2.36 0.00	30.19 -2.00 0.00
GE_PLASTICS___DRP 24183	22.54 0.18 0.72	24.74 0.11 0.00	22.93 0.17 0.00	20.51 0.17 0.00	21.64 0.21 0.00	24.67 0.19 0.00	29.01 0.16 0.00	28.09 0.14 0.00	25.34 0.12 0.00	24.66 0.10 0.00	25.34 0.09 0.00	24.11 0.08 0.00	32.93 0.06 3.70	43.33 0.07 5.92	43.23 0.02 5.92	36.43 0.10 4.32	42.25 0.14 5.19	137.84 0.79 0.92	52.44 0.31 1.47	37.26 0.07 0.00	41.19 0.09 0.00	39.39 0.04 0.00	33.91 0.05 0.00	32.23 0.04 0.00
GILBOA___1 23756	22.13 0.30 1.25	24.87 0.24 0.00	23.10 0.34 0.00	20.65 0.31 0.00	21.78 0.34 0.00	24.76 0.29 0.00	29.17 0.32 0.00	28.20 0.25 0.00	25.50 0.28 0.00	24.82 0.26 0.00	25.52 0.27 0.00	24.30 0.27 0.00	30.09 0.36 6.84	38.70 0.49 10.96	38.61 0.44 10.96	33.46 0.40 7.59	38.80 0.59 9.09	137.68 1.32 1.62	51.57 0.54 2.57	37.39 0.20 0.00	41.29 0.19 0.00	39.53 0.19 0.00	34.15 0.29 0.00	32.43 0.24 0.00
GILBOA___2 23757	22.13 0.30 1.25	24.87 0.24 0.00	23.10 0.34 0.00	20.65 0.31 0.00	21.78 0.34 0.00	24.76 0.29 0.00	29.17 0.32 0.00	28.20 0.25 0.00	25.50 0.28 0.00	24.82 0.26 0.00	25.52 0.27 0.00	24.30 0.27 0.00	30.09 0.36 6.84	38.70 0.49 10.96	38.61 0.44 10.96	33.46 0.40 7.59	38.80 0.59 9.09	137.68 1.32 1.62	51.57 0.54 2.57	37.39 0.20 0.00	41.29 0.19 0.00	39.53 0.19 0.00	34.15 0.29 0.00	32.43 0.24 0.00
GILBOA___3 23758	22.13 0.30 1.25	24.87 0.24 0.00	23.10 0.34 0.00	20.65 0.31 0.00	21.78 0.34 0.00	24.76 0.29 0.00	29.17 0.32 0.00	28.20 0.25 0.00	25.50 0.28 0.00	24.82 0.26 0.00	25.52 0.27 0.00	24.30 0.27 0.00	30.09 0.36 6.84	38.70 0.49 10.96	38.61 0.44 10.96	33.46 0.40 7.59	38.80 0.59 9.09	137.68 1.32 1.62	51.57 0.54 2.57	37.39 0.20 0.00	41.29 0.19 0.00	39.53 0.19 0.00	34.15 0.29 0.00	32.43 0.24 0.00
GILBOA___4 23759	22.13 0.30 1.25	24.87 0.24 0.00	23.10 0.34 0.00	20.65 0.31 0.00	21.78 0.34 0.00	24.76 0.29 0.00	29.17 0.32 0.00	28.20 0.25 0.00	25.50 0.28 0.00	24.82 0.26 0.00	25.52 0.27 0.00	24.30 0.27 0.00	30.09 0.36 6.84	38.70 0.49 10.96	38.61 0.44 10.96	33.46 0.40 7.59	38.80 0.59 9.09	137.68 1.32 1.62	51.57 0.54 2.57	37.39 0.20 0.00	41.29 0.19 0.00	39.53 0.19 0.00	34.15 0.29 0.00	32.43 0.24 0.00

GILBOA____ 23599	22.13 0.30 1.25	24.87 0.24 0.00	23.10 0.34 0.00	20.65 0.31 0.00	21.78 0.34 0.00	24.76 0.29 0.00	29.17 0.32 0.00	28.20 0.25 0.00	25.50 0.28 0.00	24.82 0.26 0.00	25.52 0.27 0.00	24.30 0.27 0.00	30.09 0.36 6.84	38.70 0.49 10.96	38.61 0.45 10.96	33.46 0.41 7.59	38.81 0.60 9.09	137.68 1.32 1.62	51.57 0.54 2.57	37.39 0.20 0.00	41.29 0.19 0.00	39.53 0.19 0.00	34.15 0.29 0.00	32.43 0.24 0.00
GINNA____ 23603	15.89 -2.18 5.01	22.42 -2.21 0.00	20.61 -2.16 0.00	18.36 -1.98 0.00	19.38 -2.05 0.00	22.28 -2.19 0.00	26.34 -2.51 0.00	25.27 -2.68 0.00	22.70 -2.51 0.00	22.08 -2.48 0.00	22.67 -2.58 0.00	21.46 -2.57 0.00	2.35 -3.60 30.63	-2.20 -4.77 46.61	-2.12 -4.65 46.61	5.28 -4.34 31.03	5.84 -5.19 36.27	116.67 -14.85 6.46	37.52 -5.57 10.50	33.51 -3.68 0.00	37.15 -3.94 0.00	35.72 -3.62 0.00	30.81 -3.05 0.00	29.41 -2.78 0.00
GLEN PARK____ 23778	15.35 -0.73 7.00	24.11 -0.52 0.00	22.36 -0.41 0.00	19.91 -0.43 0.00	21.17 -0.27 0.00	24.36 -0.11 0.00	28.89 0.04 0.00	27.86 -0.09 0.00	24.77 -0.45 0.00	23.81 -0.74 0.00	24.29 -0.96 0.00	22.91 -1.12 0.00	-4.53 -1.50 39.61	-17.10 -2.03 64.25	-16.87 -1.76 64.25	-3.93 -1.38 43.19	-4.96 -1.53 50.72	126.03 -2.92 9.03	38.32 -0.94 14.33	37.20 0.01 0.00	41.15 0.06 0.00	39.58 0.24 0.00	33.96 0.10 0.00	31.97 -0.22 0.00
GLENDALE_27_KV_LOAD 356172	23.42 1.35 1.00	25.80 1.17 0.00	23.92 1.15 0.00	21.36 1.02 0.00	22.54 1.10 0.00	25.63 1.16 0.00	30.30 1.45 0.00	29.47 1.52 0.00	26.69 1.47 0.00	25.97 1.42 0.00	26.75 1.50 0.00	25.62 1.59 0.00	33.31 2.19 5.45	43.45 3.01 8.73	43.49 3.09 8.73	37.43 2.86 6.08	43.55 3.54 7.28	145.92 9.24 1.30	54.87 3.33 2.06	39.33 2.14 0.00	43.27 2.18 0.00	41.26 1.92 0.00	35.66 1.81 0.00	33.72 1.53 0.00
GLENWOOD_IC_1_G5 23712	23.40 1.33 1.00	25.83 1.20 0.00	23.89 1.13 0.00	21.33 1.00 0.00	22.52 1.09 0.00	25.68 1.20 0.00	30.32 1.47 0.00	29.41 1.46 0.00	26.60 1.38 0.00	25.91 1.35 0.00	26.75 1.50 0.00	29.74 1.62 -4.09	38.99 2.28 -0.13	48.14 3.02 4.06	54.49 3.16 -2.19	64.82 2.87 -21.30	52.80 3.36 -2.15	149.66 8.70 -2.98	63.99 3.17 -7.21	68.90 2.15 -29.57	63.97 2.17 -20.70	64.31 2.01 -22.96	65.22 1.96 -29.41	47.11 1.73 -13.19
GLENWOOD_IC_2_G1 23688	23.31 1.23 1.00	25.72 1.09 0.00	23.80 1.04 0.00	21.25 0.91 0.00	22.43 1.00 0.00	25.56 1.09 0.00	30.19 1.34 0.00	29.27 1.32 0.00	26.49 1.27 0.00	25.80 1.24 0.00	26.62 1.37 0.00	25.51 1.48 0.00	33.18 2.05 5.45	43.15 2.71 8.73	43.44 2.84 8.53	37.98 2.67 5.34	43.44 3.21 7.06	145.14 8.37 1.21	54.84 3.05 1.82	40.01 2.02 -0.80	43.70 2.05 -0.56	41.83 1.87 -0.62	36.43 1.77 -0.80	33.93 1.53 -0.21
GLENWOOD_IC_3_G1 23689	23.31 1.23 1.00	25.72 1.09 0.00	23.80 1.04 0.00	21.25 0.91 0.00	22.43 1.00 0.00	25.56 1.09 0.00	30.19 1.34 0.00	29.27 1.32 0.00	26.49 1.27 0.00	25.80 1.24 0.00	26.62 1.37 0.00	25.51 1.48 0.00	33.18 2.05 5.45	43.15 2.71 8.73	43.44 2.84 8.53	37.98 2.67 5.34	43.44 3.21 7.06	145.14 8.37 1.21	54.84 3.05 1.82	40.01 2.02 -0.80	43.70 2.05 -0.56	41.83 1.87 -0.62	36.43 1.77 -0.80	33.93 1.53 -0.21
GLENWOOD____4 23550	23.40 1.33 1.00	25.83 1.20 0.00	23.89 1.13 0.00	21.33 1.00 0.00	22.52 1.09 0.00	25.68 1.20 0.00	30.32 1.47 0.00	29.41 1.46 0.00	26.60 1.38 0.00	25.91 1.35 0.00	26.75 1.50 0.00	29.74 1.62 -4.09	38.99 2.28 -0.13	48.14 3.02 4.06	54.49 3.16 -2.19	64.84 2.89 -21.30	52.85 3.41 -2.15	149.80 8.84 -2.98	64.05 3.24 -7.21	68.94 2.19 -29.57	64.01 2.22 -20.70	64.36 2.05 -22.96	65.23 1.97 -29.41	47.11 1.73 -13.19
GLENWOOD____5 23614	23.40 1.33 1.00	25.83 1.20 0.00	23.89 1.13 0.00	21.33 1.00 0.00	22.52 1.09 0.00	25.68 1.20 0.00	30.32 1.47 0.00	29.41 1.46 0.00	26.60 1.38 0.00	25.91 1.35 0.00	26.75 1.50 0.00	29.74 1.62 -4.09	38.99 2.28 -0.13	48.14 3.02 4.06	54.49 3.16 -2.19	64.84 2.89 -21.30	52.85 3.41 -2.15	149.80 8.84 -2.98	64.05 3.24 -7.21	68.94 2.19 -29.57	64.01 2.22 -20.70	64.36 2.05 -22.96	65.23 1.97 -29.41	47.11 1.73 -13.19
GLOBAL GREEN_PORT_GT1 23814	23.38 1.31 1.00	25.78 1.15 0.00	23.88 1.12 0.00	21.38 1.04 0.00	22.58 1.14 0.00	25.71 1.23 0.00	30.44 1.59 0.00	29.63 1.68 0.00	26.88 1.66 0.00	26.30 1.75 0.00	27.21 1.96 0.00	24.15 2.23 2.10	31.63 3.37 8.31	42.55 4.53 11.16	44.03 4.97 10.08	42.69 4.94 2.91	32.73 5.56 20.12	138.87 13.40 12.51	57.50 4.64 0.73	35.96 3.13 4.36	48.05 3.24 -3.71	46.11 3.30 -3.48	41.05 3.00 -4.19	33.05 2.42 1.56
GLOBE____DSASP 323697	15.83 -2.43 4.83	22.25 -2.38 0.00	20.31 -2.45 0.00	18.05 -2.29 0.00	19.02 -2.42 0.00	21.95 -2.53 0.00	25.88 -2.97 0.00	24.66 -3.29 0.00	22.21 -3.01 0.00	21.66 -2.90 0.00	22.31 -2.93 0.00	21.01 -3.02 0.00	3.36 -3.60 29.62	-0.71 -4.68 45.21	-0.35 -4.27 45.21	6.00 -4.70 29.95	6.27 -6.12 34.91	107.33 -18.35 12.30	34.64 -7.25 11.70	32.21 -4.97 0.00	35.84 -5.26 0.00	34.75 -4.59 0.00	30.29 -3.57 0.00	29.20 -2.99 0.00
GOETHSLN____LBMP 323567	23.17 1.10 1.01	25.54 0.91 0.00	23.64 0.88 0.00	21.11 0.78 0.00	22.28 0.84 0.00	25.36 0.89 0.00	29.98 1.13 0.00	29.12 1.17 0.00	26.38 1.17 0.00	25.70 1.15 0.00	26.48 1.23 0.00	25.37 1.34 0.00	32.95 1.82 5.45	42.97 2.52 8.73	42.98 2.58 8.73	37.03 2.46 6.08	43.07 3.06 7.28	144.44 7.76 1.30	54.33 2.79 2.06	38.90 1.76 0.05	42.84 1.74 0.00	40.51 1.52 0.34	34.70 1.48 0.64	33.42 1.22 0.00
GOLAH____69_KV_TB 1_2 80279	16.91 -1.25 4.92	23.46 -1.17 0.00	21.51 -1.25 0.00	19.16 -1.18 0.00	20.22 -1.22 0.00	23.29 -1.19 0.00	27.53 -1.32 0.00	26.33 -1.62 0.00	23.69 -1.53 0.00	22.94 -1.61 0.00	23.57 -1.68 0.00	22.29 -1.73 0.00	4.22 -2.19 30.17	0.34 -2.97 45.87	0.54 -2.72 45.87	7.25 -2.89 30.52	8.02 -3.63 35.65	121.11 -10.52 6.35	39.32 -3.92 10.36	34.75 -2.44 0.00	38.66 -2.43 0.00	37.27 -2.06 0.00	32.21 -1.65 0.00	30.78 -1.41 0.00
GOODYEAR_LAKE_HYD 323669	20.94 0.50 2.64	25.14 0.51 0.00	23.26 0.50 0.00	20.77 0.43 0.00	21.91 0.47 0.00	25.04 0.57 0.00	29.82 0.97 0.00	31.55 3.60 0.00	28.10 2.88 0.00	26.82 2.26 0.00	27.37 2.12 0.00	26.03 2.00 0.00	36.33 3.00 3.25	48.14 4.16 5.20	48.17 4.24 5.20	27.15 1.62 15.13	29.44 1.26 19.12	137.93 3.36 3.40	49.50 1.30 5.40	38.12 0.94 0.00	42.13 1.04 0.00	40.35 1.02 0.00	34.77 0.92 0.00	32.98 0.79 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	17.04 -0.38 5.67	24.28 -0.35 0.00	22.48 -0.29 0.00	20.05 -0.28 0.00	21.18 -0.25 0.00	24.24 -0.23 0.00	28.65 -0.21 0.00	27.67 -0.28 0.00	24.93 -0.28 0.00	24.30 -0.26 0.00	24.93 -0.32 0.00	23.63 -0.39 0.00	1.52 -0.43 34.63	-6.77 -0.63 55.32	-6.70 -0.51 55.32	4.24 -0.63 35.78	5.37 -0.83 41.10	128.15 -2.51 7.32	40.68 -1.08 11.84	36.57 -0.61 0.00	40.40 -0.69 0.00	38.79 -0.55 0.00	33.49 -0.37 0.00	31.75 -0.44 0.00

GOUDEY___7 23579	17.04 -0.38 5.67	24.28 -0.35 0.00	22.48 -0.29 0.00	20.05 -0.28 0.00	21.18 -0.25 0.00	24.24 -0.23 0.00	28.65 -0.21 0.00	27.67 -0.28 0.00	24.93 -0.28 0.00	24.30 -0.26 0.00	24.93 -0.32 0.00	23.63 -0.39 0.00	1.52 -0.43 34.63	-6.77 -0.63 55.32	-6.70 -0.51 55.32	4.24 -0.63 35.78	5.37 -0.83 41.10	128.15 -2.51 7.32	40.68 -1.08 11.84	36.57 -0.61 0.00	40.40 -0.69 0.00	38.79 -0.55 0.00	33.49 -0.37 0.00	31.75 -0.44 0.00
GOUDEY___8 23580	17.04 -0.38 5.67	24.28 -0.35 0.00	22.48 -0.29 0.00	20.05 -0.28 0.00	21.18 -0.25 0.00	24.24 -0.23 0.00	28.65 -0.21 0.00	27.67 -0.28 0.00	24.93 -0.28 0.00	24.30 -0.26 0.00	24.93 -0.32 0.00	23.63 -0.39 0.00	1.52 -0.43 34.63	-6.77 -0.63 55.32	-6.70 -0.51 55.32	4.24 -0.63 35.78	5.37 -0.83 41.10	128.15 -2.51 7.32	40.68 -1.08 11.84	36.57 -0.61 0.00	40.40 -0.69 0.00	38.79 -0.55 0.00	33.49 -0.37 0.00	31.75 -0.44 0.00
GOWANUS_GT1_1 24077	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GOWANUS_GT1_2 24078	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GOWANUS_GT1_3 24079	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GOWANUS_GT1_4 24080	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GOWANUS_GT1_5 24084	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GOWANUS_GT1_6 24111	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GOWANUS_GT1_7 24112	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GOWANUS_GT1_8 24113	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GOWANUS_GT2_1 24114	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
GOWANUS_GT2_2 24115	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
GOWANUS_GT2_3 24116	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
GOWANUS_GT2_4 24117	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
GOWANUS_GT2_5 24118	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00

GOWANUS_GT2_6 24119	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
GOWANUS_GT2_7 24120	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
GOWANUS_GT2_8 24121	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
GOWANUS_GT3_1 24122	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
GOWANUS_GT3_2 24123	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
GOWANUS_GT3_3 24124	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
GOWANUS_GT3_4 24125	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
GOWANUS_GT3_5 24126	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
GOWANUS_GT3_6 24127	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
GOWANUS_GT3_7 24128	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
GOWANUS_GT3_8 24129	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
GOWANUS_GT4_1 24130	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GOWANUS_GT4_2 24131	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GOWANUS_GT4_3 24132	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GOWANUS_GT4_4 24133	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00

GOWANUS_GT4_5 24134	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GOWANUS_GT4_6 24135	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GOWANUS_GT4_7 24136	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GOWANUS_GT4_8 24137	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GREATVR_69_KV_BK1 356245	23.81 1.73 1.00	26.26 1.63 0.00	24.27 1.50 0.00	21.65 1.32 0.00	22.87 1.44 0.00	26.13 1.66 0.00	30.86 2.01 0.00	29.84 1.89 0.00	26.98 1.76 0.00	26.22 1.67 0.00	27.10 1.85 0.00	24.67 2.01 1.36	32.05 2.79 7.31	42.46 3.61 10.32	44.19 3.87 8.81	43.85 3.82 0.61	33.71 4.63 18.21	138.91 12.15 11.22	58.21 4.57 -0.05	39.05 3.17 1.31	49.76 3.33 -5.33	47.89 3.22 -5.33	43.33 2.88 -6.59	34.74 2.51 -0.04
GREENBSH_115KV_TB3 55895	22.44 0.07 0.71	24.63 0.00 0.00	22.82 0.06 0.00	20.42 0.08 0.00	21.54 0.11 0.00	24.55 0.08 0.00	28.85 0.00 0.00	27.95 0.00 0.00	25.20 -0.02 0.00	24.54 -0.02 0.00	25.21 -0.04 0.00	23.98 -0.05 0.00	32.80 -0.16 3.62	43.15 -0.23 5.80	43.04 -0.29 5.80	36.24 -0.13 4.28	41.99 -0.15 5.15	137.19 0.12 0.92	52.22 0.08 1.46	37.07 -0.11 0.00	41.01 -0.09 0.00	39.19 -0.15 0.00	33.71 -0.14 0.00	32.08 -0.11 0.00
GREENDGE_115KV_TB5 80291	16.05 -0.84 6.19	23.83 -0.80 0.00	22.00 -0.77 0.00	19.64 -0.70 0.00	20.76 -0.68 0.00	23.86 -0.61 0.00	28.11 -0.74 0.00	26.98 -0.97 0.00	24.12 -1.10 0.00	23.36 -1.19 0.00	23.90 -1.35 0.00	22.58 -1.44 0.00	-2.29 -1.93 36.94	-11.62 -2.62 58.18	-11.49 -2.44 58.18	-0.24 -2.36 38.53	-0.49 -2.92 44.86	133.06 -8.05 -3.13	39.36 -2.79 11.45	35.79 -1.39 0.00	39.50 -1.59 0.00	38.16 -1.18 0.00	32.90 -0.96 0.00	31.22 -0.97 0.00
GREENIDGE___3 23582	16.05 -0.84 6.19	23.83 -0.80 0.00	22.00 -0.77 0.00	19.64 -0.70 0.00	20.76 -0.68 0.00	23.86 -0.61 0.00	28.11 -0.74 0.00	26.98 -0.97 0.00	24.12 -1.10 0.00	23.36 -1.19 0.00	23.90 -1.35 0.00	22.58 -1.44 0.00	-2.29 -1.93 36.94	-11.62 -2.62 58.18	-11.49 -2.44 58.18	-0.24 -2.36 38.53	-0.49 -2.92 44.86	133.06 -8.05 -3.13	39.36 -2.79 11.45	35.79 -1.39 0.00	39.50 -1.59 0.00	38.16 -1.18 0.00	32.90 -0.96 0.00	31.22 -0.97 0.00
GREENIDGE___4 23583	16.05 -0.84 6.19	23.83 -0.80 0.00	22.00 -0.77 0.00	19.64 -0.70 0.00	20.76 -0.68 0.00	23.86 -0.61 0.00	28.11 -0.74 0.00	26.98 -0.97 0.00	24.12 -1.10 0.00	23.36 -1.19 0.00	23.90 -1.35 0.00	22.58 -1.44 0.00	-2.31 -1.95 36.94	-11.59 -2.59 58.18	-11.48 -2.44 58.18	-0.25 -2.37 38.53	-0.49 -2.92 44.86	133.06 -8.05 -3.13	39.35 -2.80 11.45	35.79 -1.39 0.00	39.50 -1.59 0.00	38.16 -1.18 0.00	32.90 -0.96 0.00	31.22 -0.97 0.00
GREENLWN_69_KV_BK 3 55738	23.39 1.31 1.00	25.87 1.24 0.00	23.91 1.14 0.00	21.34 1.00 0.00	22.52 1.09 0.00	25.69 1.22 0.00	30.30 1.45 0.00	29.30 1.35 0.00	26.47 1.25 0.00	25.81 1.26 0.00	26.76 1.51 0.00	24.06 1.67 1.64	31.22 2.32 7.68	41.46 2.92 10.63	42.93 3.06 9.26	42.18 2.92 1.40	31.77 3.42 18.94	135.02 8.77 11.72	56.59 3.21 0.21	37.06 2.25 2.37	48.15 2.25 -4.80	46.23 2.19 -4.71	41.72 2.08 -5.78	33.50 1.84 0.53
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00
GRISSOM___SOLAR 323813	23.07 0.91 0.92	25.57 0.94 0.00	23.65 0.89 0.00	21.12 0.78 0.00	22.29 0.85 0.00	25.52 1.05 0.00	30.01 1.16 0.00	29.25 1.30 0.00	26.07 0.86 0.00	25.11 0.55 0.00	25.56 0.31 0.00	24.28 0.26 0.00	33.44 0.11 3.25	44.36 0.39 5.20	44.47 0.54 5.20	35.63 0.41 5.43	41.64 1.01 6.66	140.96 4.17 1.19	53.66 1.95 1.88	38.75 1.57 0.00	42.96 1.86 0.00	41.14 1.80 0.00	35.32 1.47 0.00	33.52 1.33 0.00
GROVEVILLE___HYD 323602	23.28 1.21 1.01	25.71 1.08 0.00	23.79 1.03 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.57 1.10 0.00	30.22 1.37 0.00	29.30 1.35 0.00	26.48 1.26 0.00	25.76 1.21 0.00	26.52 1.27 0.00	25.34 1.31 0.00	32.95 1.82 5.45	42.93 2.49 8.73	42.98 2.58 8.73	36.95 2.38 6.08	43.01 2.99 7.28	144.96 8.27 1.30	54.62 3.08 2.06	39.22 2.03 0.00	43.21 2.11 0.00	41.22 1.88 0.00	35.56 1.71 0.00	33.65 1.46 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	11.94 -0.70 10.45	23.91 -0.72 0.00	22.08 -0.69 0.00	19.72 -0.62 0.00	20.82 -0.61 0.00	23.86 -0.61 0.00	28.19 -0.66 0.00	27.19 -0.76 0.00	24.45 -0.77 0.00	23.77 -0.79 0.00	24.41 -0.84 0.00	23.14 -0.88 0.00	-24.13 -1.28 59.43	-48.58 -1.74 96.01	-48.57 -1.68 96.01	-25.35 -1.51 64.48	-30.11 -1.73 75.68	119.89 -4.61 13.48	30.57 -1.65 21.38	36.15 -1.03 0.00	40.01 -1.09 0.00	38.32 -1.02 0.00	33.00 -0.86 0.00	31.30 -0.90 0.00
HAMLTNNY_34_KV_TB 80303	12.37 -0.81 9.90	23.78 -0.85 0.00	21.97 -0.80 0.00	19.60 -0.74 0.00	20.69 -0.74 0.00	23.73 -0.74 0.00	28.02 -0.83 0.00	27.00 -0.95 0.00	24.26 -0.95 0.00	23.58 -0.97 0.00	24.20 -1.05 0.00	22.94 -1.08 0.00	-21.60 -1.55 56.62	-43.98 -2.07 91.08	-43.95 -2.00 91.08	-22.32 -1.83 61.13	-26.60 -2.16 71.73	119.21 -5.99 12.77	31.14 -2.19 20.27	35.84 -1.35 0.00	39.68 -1.41 0.00	38.05 -1.29 0.00	32.80 -1.06 0.00	31.15 -1.04 0.00

HAMPSHIRE___PAPER_HYD 323593	19.21 -0.58 3.29	24.26 -0.37 0.00	22.38 -0.39 0.00	19.94 -0.40 0.00	21.08 -0.36 0.00	24.16 -0.32 0.00	28.49 -0.36 0.00	27.61 -0.34 0.00	24.75 -0.47 0.00	24.09 -0.47 0.00	24.70 -0.55 0.00	23.44 -0.59 0.00	17.09 -0.85 18.64	17.79 -1.15 30.22	17.85 -1.05 30.22	19.41 -0.93 20.31	22.25 -1.19 23.84	130.78 -2.95 4.25	45.65 -1.22 6.74	36.85 -0.34 0.00	40.69 -0.40 0.00	39.17 -0.17 0.00	33.66 -0.20 0.00	31.88 -0.31 0.00
HARDSCRABBLE_WT_PWR 323673	21.99 -0.11 0.99	24.40 -0.23 0.00	22.64 -0.12 0.00	20.24 -0.09 0.00	21.41 -0.03 0.00	24.44 -0.03 0.00	28.64 -0.21 0.00	27.72 -0.23 0.00	25.05 -0.17 0.00	24.32 -0.24 0.00	24.92 -0.33 0.00	23.59 -0.43 0.00	30.20 -0.77 5.61	39.06 -1.04 9.08	39.07 -0.98 9.08	33.65 -0.91 6.09	39.30 -0.86 7.14	136.09 -0.62 1.27	51.51 -0.07 2.02	37.14 -0.04 0.00	41.10 0.01 0.00	39.35 0.01 0.00	33.68 -0.18 0.00	31.91 -0.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.08 1.06 1.07	25.56 0.93 0.00	23.65 0.89 0.00	21.13 0.79 0.00	22.29 0.85 0.00	25.41 0.93 0.00	30.02 1.16 0.00	29.10 1.15 0.00	26.31 1.09 0.00	25.62 1.07 0.00	26.38 1.13 0.00	25.22 1.19 0.00	32.42 1.64 5.80	42.16 2.28 9.29	42.21 2.37 9.29	36.46 2.27 6.45	42.38 2.81 7.72	144.27 7.66 1.37	54.18 2.76 2.18	38.96 1.78 0.00	42.91 1.82 0.00	40.92 1.58 0.00	35.34 1.48 0.00	33.46 1.27 0.00
HARSNRAD_115KV_TB1 81005	16.13 -2.08 4.88	22.61 -2.02 0.00	20.65 -2.11 0.00	18.36 -1.98 0.00	19.36 -2.08 0.00	22.36 -2.12 0.00	26.39 -2.46 0.00	25.13 -2.82 0.00	22.55 -2.66 0.00	21.98 -2.57 0.00	22.62 -2.63 0.00	21.30 -2.73 0.00	3.56 -3.12 29.90	-0.58 -4.08 45.67	-0.22 -3.67 45.67	6.35 -4.00 30.30	6.80 -5.16 35.34	108.86 -16.48 12.64	35.37 -6.42 11.81	32.81 -4.37 0.00	36.53 -4.57 0.00	35.41 -3.93 0.00	30.83 -3.03 0.00	29.68 -2.51 0.00
HARZA MOOSE___RIVER 24016	19.25 -0.21 3.63	24.54 -0.09 0.00	22.74 -0.03 0.00	20.26 -0.08 0.00	21.47 0.03 0.00	24.61 0.13 0.00	29.10 0.25 0.00	28.17 0.22 0.00	25.26 0.04 0.00	24.54 -0.01 0.00	25.16 -0.09 0.00	23.82 -0.21 0.00	15.73 -0.27 20.58	15.45 -0.38 33.33	15.48 -0.32 33.33	18.00 -0.26 22.38	20.80 -0.24 26.26	133.25 -0.05 4.68	46.36 0.18 7.42	37.57 0.38 0.00	41.56 0.46 0.00	39.86 0.52 0.00	34.21 0.36 0.00	32.36 0.17 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	12.36 -0.72 10.01	23.89 -0.74 0.00	22.08 -0.69 0.00	19.70 -0.63 0.00	20.81 -0.63 0.00	23.83 -0.64 0.00	28.18 -0.67 0.00	27.19 -0.76 0.00	24.47 -0.74 0.00	23.80 -0.75 0.00	24.43 -0.82 0.00	23.17 -0.85 0.00	-21.52 -1.23 56.86	-44.53 -1.66 92.05	-44.52 -1.60 92.05	-22.59 -1.44 61.80	-26.88 -4.52 72.52	120.54 -1.65 12.91	31.46 -1.65 20.49	36.12 -1.06 0.00	39.95 -1.14 0.00	38.29 -1.05 0.00	32.97 -0.89 0.00	31.28 -0.91 0.00
HELLGATE_13_KV_LD 55870	23.44 1.36 1.00	25.81 1.18 0.00	23.94 1.17 0.00	21.38 1.04 0.00	22.56 1.12 0.00	25.64 1.17 0.00	30.33 1.47 0.00	29.50 1.54 0.00	26.74 1.52 0.00	25.99 1.43 0.00	26.77 1.52 0.00	25.65 1.62 0.00	33.35 2.22 5.45	43.51 3.06 8.73	43.54 3.14 8.73	37.47 2.90 6.08	43.61 3.60 7.28	146.05 9.37 1.30	54.94 3.40 2.06	39.36 2.17 0.00	43.30 2.20 0.00	41.28 1.94 0.00	35.70 1.84 0.00	33.73 1.54 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.44 1.36 1.00	25.81 1.18 0.00	23.94 1.17 0.00	21.38 1.04 0.00	22.56 1.12 0.00	25.64 1.17 0.00	30.33 1.47 0.00	29.50 1.54 0.00	26.74 1.52 0.00	25.99 1.43 0.00	26.77 1.52 0.00	25.65 1.62 0.00	33.35 2.22 5.45	43.51 3.06 8.73	43.54 3.14 8.73	37.47 2.90 6.08	43.61 3.60 7.28	146.05 9.37 1.30	54.94 3.40 2.06	39.36 2.17 0.00	43.30 2.20 0.00	41.28 1.94 0.00	35.70 1.84 0.00	33.73 1.54 0.00
HEMPSTEAD____ 23647	23.37 1.29 1.00	25.80 1.17 0.00	23.85 1.09 0.00	21.29 0.95 0.00	22.48 1.05 0.00	25.65 1.17 0.00	30.29 1.44 0.00	29.35 1.40 0.00	26.53 1.32 0.00	25.83 1.28 0.00	26.70 1.45 0.00	30.73 1.60 -5.10	40.33 2.24 -1.52	49.10 2.88 2.95	55.18 3.07 -2.99	64.90 2.90 -21.36	53.18 3.39 -2.50	149.82 8.62 -3.22	64.07 3.15 -7.32	68.89 2.18 -29.52	63.94 2.19 -20.65	64.37 2.09 -22.94	65.22 1.99 -29.37	48.36 1.75 -14.42
HICKLING___1 23621	16.56 -0.71 5.81	23.98 -0.65 0.00	22.19 -0.57 0.00	19.80 -0.54 0.00	20.94 -0.49 0.00	24.11 -0.36 0.00	28.54 -0.31 0.00	27.37 -0.58 0.00	24.51 -0.70 0.00	23.87 -0.69 0.00	24.41 -0.85 0.00	23.07 -0.96 0.00	0.58 -1.10 34.89	-7.49 -1.51 55.15	-7.32 -1.29 55.16	2.86 -1.48 36.32	3.20 -1.94 42.15	128.56 -5.69 3.73	39.24 -2.29 12.07	36.01 -1.18 0.00	39.84 -1.25 0.00	38.35 -0.99 0.00	33.10 -0.75 0.00	31.40 -0.79 0.00
HICKLING___2 23622	16.56 -0.71 5.81	23.98 -0.65 0.00	22.19 -0.57 0.00	19.80 -0.54 0.00	20.94 -0.49 0.00	24.11 -0.36 0.00	28.54 -0.31 0.00	27.37 -0.58 0.00	24.51 -0.70 0.00	23.87 -0.69 0.00	24.41 -0.85 0.00	23.07 -0.96 0.00	0.58 -1.10 34.89	-7.49 -1.51 55.15	-7.32 -1.29 55.16	2.86 -1.48 36.32	3.20 -1.94 42.15	128.56 -5.69 3.73	39.24 -2.29 12.07	36.01 -1.18 0.00	39.84 -1.25 0.00	38.35 -0.99 0.00	33.10 -0.75 0.00	31.40 -0.79 0.00
HIGH FALLS___HY 23754	23.41 1.35 1.01	25.84 1.21 0.00	23.90 1.14 0.00	21.35 1.01 0.00	22.50 1.07 0.00	25.65 1.18 0.00	30.35 1.50 0.00	29.44 1.49 0.00	26.56 1.34 0.00	25.81 1.25 0.00	26.48 1.24 0.00	25.32 1.29 0.00	32.84 1.76 5.50	42.79 2.43 8.81	42.85 2.53 8.81	36.89 2.38 6.14	43.02 3.07 7.34	145.43 8.76 1.30	54.94 3.42 2.07	39.51 2.33 0.00	43.54 2.44 0.00	41.52 2.18 0.00	35.86 2.00 0.00	33.90 1.71 0.00
HIGH_RIVER___SOLAR 323847	22.88 0.58 0.78	25.21 0.58 0.00	23.33 0.56 0.00	20.85 0.51 0.00	22.00 0.56 0.00	25.13 0.65 0.00	29.58 0.73 0.00	28.72 0.77 0.00	25.63 0.41 0.00	24.80 0.24 0.00	25.46 0.22 0.00	24.09 0.06 0.00	33.34 0.01 3.25	44.13 0.16 5.20	44.14 0.21 5.20	36.19 0.18 4.64	42.15 0.51 5.65	139.39 2.42 1.01	53.21 1.21 1.60	38.09 0.91 0.00	42.18 1.09 0.00	40.38 1.04 0.00	34.71 0.85 0.00	32.96 0.77 0.00
HILLBURN___GT 23639	23.13 1.11 1.05	25.59 0.96 0.00	23.68 0.91 0.00	21.15 0.81 0.00	22.31 0.88 0.00	25.42 0.95 0.00	30.04 1.19 0.00	29.14 1.19 0.00	26.35 1.14 0.00	25.68 1.12 0.00	26.45 1.20 0.00	25.30 1.28 0.00	32.62 1.78 5.74	42.42 2.44 9.19	42.49 2.55 9.19	36.67 2.41 6.39	42.64 2.99 7.65	144.58 7.96 1.36	54.26 2.82 2.16	38.97 1.78 0.00	42.91 1.81 0.00	40.92 1.58 0.00	35.36 1.50 0.00	33.48 1.29 0.00
HILLSIDE_115KV_TB1 80332	16.36 -0.90 5.82	23.78 -0.85 0.00	22.04 -0.72 0.00	19.65 -0.68 0.00	20.78 -0.66 0.00	23.84 -0.63 0.00	28.18 -0.67 0.00	27.12 -0.83 0.00	24.38 -0.84 0.00	23.75 -0.81 0.00	24.32 -0.93 0.00	23.02 -1.01 0.00	0.43 -1.23 34.92	-7.87 -1.70 55.34	-7.71 -1.50 55.34	2.71 -1.56 36.38	3.10 -2.02 42.18	127.77 -5.96 4.25	38.69 -2.56 12.34	35.70 -1.48 0.00	39.41 -1.68 0.00	37.94 -1.40 0.00	32.82 -1.04 0.00	31.07 -1.13 0.00

HISHELDN_WT_PWR 323625	16.30 -1.69 5.09	23.00 -1.62 0.00	21.10 -1.67 0.00	18.80 -1.53 0.00	19.87 -1.56 0.00	22.97 -1.51 0.00	27.13 -1.72 0.00	25.90 -2.05 0.00	23.14 -2.08 0.00	22.55 -2.00 0.00	23.12 -2.13 0.00	21.80 -2.22 0.00	2.89 -2.62 31.06	-2.10 -3.35 47.92	-1.88 -3.06 47.95	5.49 -3.27 31.89	5.93 -4.24 37.12	95.15 -13.51 29.32	32.33 -5.43 15.84	33.74 -3.45 0.00	37.48 -3.61 0.00	36.18 -3.16 0.00	31.37 -2.49 0.00	30.02 -2.17 0.00
HOLTSVILLE_IC_1 23690	23.55 1.48 1.00	26.01 1.38 0.00	24.04 1.28 0.00	21.46 1.12 0.00	22.66 1.22 0.00	25.87 1.40 0.00	30.54 1.69 0.00	29.54 1.59 0.00	26.71 1.49 0.00	25.98 1.43 0.00	26.88 1.63 0.00	23.68 1.80 2.14	30.70 2.49 8.37	41.09 3.13 11.21	42.38 3.40 10.15	41.04 3.43 3.05	31.17 4.10 20.22	135.82 10.42 12.58	56.75 3.93 0.77	35.36 2.69 4.52	47.51 2.79 -3.62	45.45 2.73 -3.38	40.41 2.49 -4.06	32.70 2.16 1.65
HOLTSVILLE_IC_10 23699	23.66 1.59 1.00	26.11 1.48 0.00	24.13 1.37 0.00	21.54 1.20 0.00	22.75 1.31 0.00	25.97 1.50 0.00	30.68 1.83 0.00	29.67 1.72 0.00	26.82 1.60 0.00	26.08 1.53 0.00	26.96 1.72 0.00	23.95 1.89 1.96	31.07 2.61 8.12	41.46 3.28 11.00	42.89 3.59 9.83	41.83 3.65 2.47	31.93 4.38 19.75	136.95 11.23 12.26	57.26 4.24 0.58	36.34 2.91 3.75	48.17 3.05 -4.03	46.15 2.97 -3.84	41.19 2.67 -4.66	33.26 2.32 1.25
HOLTSVILLE_IC_2 23691	23.55 1.48 1.00	26.01 1.38 0.00	24.04 1.28 0.00	21.46 1.12 0.00	22.66 1.22 0.00	25.87 1.40 0.00	30.54 1.69 0.00	29.54 1.59 0.00	26.71 1.49 0.00	25.98 1.43 0.00	26.88 1.63 0.00	23.68 1.80 2.14	30.70 2.49 8.37	41.09 3.13 11.21	42.38 3.40 10.15	41.04 3.43 3.05	31.17 4.10 20.22	135.82 10.42 12.58	56.75 3.93 0.77	35.36 2.69 4.52	47.51 2.79 -3.62	45.45 2.73 -3.38	40.41 2.49 -4.06	32.70 2.16 1.65
HOLTSVILLE_IC_3 23692	23.55 1.48 1.00	26.01 1.38 0.00	24.04 1.28 0.00	21.46 1.12 0.00	22.66 1.22 0.00	25.87 1.40 0.00	30.54 1.69 0.00	29.54 1.59 0.00	26.71 1.49 0.00	25.98 1.43 0.00	26.88 1.63 0.00	23.68 1.80 2.14	30.70 2.49 8.37	41.09 3.13 11.21	42.38 3.40 10.15	41.04 3.43 3.05	31.17 4.10 20.22	135.82 10.42 12.58	56.75 3.93 0.77	35.36 2.69 4.52	47.51 2.79 -3.62	45.45 2.73 -3.38	40.41 2.49 -4.06	32.70 2.16 1.65
HOLTSVILLE_IC_4 23693	23.55 1.48 1.00	26.01 1.38 0.00	24.04 1.28 0.00	21.46 1.12 0.00	22.66 1.22 0.00	25.87 1.40 0.00	30.54 1.69 0.00	29.54 1.59 0.00	26.71 1.49 0.00	25.98 1.43 0.00	26.88 1.63 0.00	23.68 1.80 2.14	30.70 2.49 8.37	41.09 3.13 11.21	42.38 3.40 10.15	41.04 3.43 3.05	31.17 4.10 20.22	135.82 10.42 12.58	56.75 3.93 0.77	35.36 2.69 4.52	47.51 2.79 -3.62	45.45 2.73 -3.38	40.41 2.49 -4.06	32.70 2.16 1.65
HOLTSVILLE_IC_5 23694	23.55 1.48 1.00	26.01 1.38 0.00	24.04 1.28 0.00	21.46 1.12 0.00	22.66 1.22 0.00	25.87 1.40 0.00	30.54 1.69 0.00	29.54 1.59 0.00	26.71 1.49 0.00	25.98 1.43 0.00	26.88 1.63 0.00	23.68 1.80 2.14	30.70 2.49 8.37	41.09 3.13 11.21	42.38 3.40 10.15	41.04 3.43 3.05	31.17 4.10 20.22	135.82 10.42 12.58	56.75 3.93 0.77	35.36 2.69 4.52	47.51 2.79 -3.62	45.45 2.73 -3.38	40.41 2.49 -4.06	32.70 2.16 1.65
HOLTSVILLE_IC_6 23695	23.66 1.59 1.00	26.11 1.48 0.00	24.13 1.37 0.00	21.54 1.20 0.00	22.75 1.31 0.00	25.97 1.50 0.00	30.68 1.83 0.00	29.67 1.72 0.00	26.82 1.60 0.00	26.08 1.53 0.00	26.96 1.72 0.00	23.95 1.89 1.96	31.07 2.61 8.12	41.46 3.28 11.00	42.89 3.59 9.83	41.83 3.65 2.47	31.93 4.38 19.75	136.95 11.23 12.26	57.26 4.24 0.58	36.34 2.91 3.75	48.17 3.05 -4.03	46.15 2.97 -3.84	41.19 2.67 -4.66	33.26 2.32 1.25
HOLTSVILLE_IC_7 23696	23.66 1.59 1.00	26.11 1.48 0.00	24.13 1.37 0.00	21.54 1.20 0.00	22.75 1.31 0.00	25.97 1.50 0.00	30.68 1.83 0.00	29.67 1.72 0.00	26.82 1.60 0.00	26.08 1.53 0.00	26.96 1.72 0.00	23.95 1.89 1.96	31.07 2.61 8.12	41.46 3.28 11.00	42.89 3.59 9.83	41.83 3.65 2.47	31.93 4.38 19.75	136.95 11.23 12.26	57.26 4.24 0.58	36.34 2.91 3.75	48.17 3.05 -4.03	46.15 2.97 -3.84	41.19 2.67 -4.66	33.26 2.32 1.25
HOLTSVILLE_IC_8 23697	23.66 1.59 1.00	26.11 1.48 0.00	24.13 1.37 0.00	21.54 1.20 0.00	22.75 1.31 0.00	25.97 1.50 0.00	30.68 1.83 0.00	29.67 1.72 0.00	26.82 1.60 0.00	26.08 1.53 0.00	26.96 1.72 0.00	23.95 1.89 1.96	31.07 2.61 8.12	41.46 3.28 11.00	42.89 3.59 9.83	41.83 3.65 2.47	31.93 4.38 19.75	136.95 11.23 12.26	57.26 4.24 0.58	36.34 2.91 3.75	48.17 3.05 -4.03	46.15 2.97 -3.84	41.19 2.67 -4.66	33.26 2.32 1.25
HOLTSVILLE_IC_9 23698	23.66 1.59 1.00	26.11 1.48 0.00	24.13 1.37 0.00	21.54 1.20 0.00	22.75 1.31 0.00	25.97 1.50 0.00	30.68 1.83 0.00	29.67 1.72 0.00	26.82 1.60 0.00	26.08 1.53 0.00	26.96 1.72 0.00	23.95 1.89 1.96	31.07 2.61 8.12	41.46 3.28 11.00	42.89 3.59 9.83	41.83 3.65 2.47	31.93 4.38 19.75	136.95 11.23 12.26	57.26 4.24 0.58	36.34 2.91 3.75	48.17 3.05 -4.03	46.15 2.97 -3.84	41.19 2.67 -4.66	33.26 2.32 1.25
HOMER_HL_115KV_TB2 355744	17.17 -0.79 5.13	23.95 -0.69 0.00	22.06 -0.70 0.00	19.65 -0.68 0.00	20.76 -0.68 0.00	23.92 -0.55 0.00	28.24 -0.61 0.00	27.09 -0.86 0.00	24.44 -0.78 0.00	23.83 -0.73 0.00	24.45 -0.81 0.00	23.13 -0.90 0.00	4.67 -0.68 31.23	-0.33 -1.22 48.29	-0.07 -0.93 48.27	7.23 -1.47 31.95	8.04 -2.07 37.19	122.36 -7.16 8.46	38.87 -3.18 11.55	35.06 -2.12 0.00	38.82 -2.28 0.00	37.50 -1.84 0.00	32.62 -1.24 0.00	31.23 -0.96 0.00
HOWARD_WT_PWR 323690	16.16 -1.28 5.64	23.41 -1.23 0.00	21.65 -1.12 0.00	19.43 -0.91 0.00	20.54 -0.89 0.00	23.74 -0.73 0.00	28.10 -0.75 0.00	26.81 -1.14 0.00	23.92 -1.30 0.00	23.29 -1.27 0.00	23.75 -1.50 0.00	22.39 -1.63 0.00	0.56 -2.00 34.02	-6.70 -2.58 53.29	-6.56 -2.39 53.30	2.92 -2.50 35.23	3.10 -3.24 40.96	144.36 -9.83 -16.21	42.40 -3.84 7.36	35.05 -2.13 0.00	38.92 -2.18 0.00	37.49 -1.85 0.00	32.32 -1.54 0.00	30.67 -1.52 0.00
HQ_GEN_CEDARS 23644	22.05 0.03 1.06	24.88 0.25 0.00	22.91 0.15 0.00	20.44 0.10 0.00	21.49 0.05 0.00	24.58 0.10 0.00	28.97 0.12 0.00	28.14 0.18 0.00	25.37 0.15 0.00	24.90 0.34 0.00	25.62 0.36 0.00	24.37 0.35 0.00	31.08 0.52 6.01	40.08 0.65 9.75	40.09 0.70 9.75	34.59 0.49 6.55	40.03 0.42 7.69	137.71 1.10 1.37	51.39 -0.03 2.17	37.64 0.45 0.00	41.39 0.30 0.00	39.76 0.42 0.00	34.13 0.27 0.00	32.50 0.31 0.00
HQ_GEN_CEDARS_PROXY 323590	22.04 0.02 1.06	24.88 0.25 0.00	22.91 0.15 0.00	20.44 0.10 0.00	21.49 0.05 0.00	24.58 0.10 0.00	28.98 0.12 0.00	28.14 0.19 0.00	25.37 0.15 0.00	24.90 0.34 0.00	25.62 0.36 0.00	24.37 0.35 0.00	31.08 0.52 6.01	40.08 0.65 9.75	40.09 0.70 9.75	34.59 0.49 6.55	40.03 0.42 7.69	137.72 1.12 1.37	48.54 -0.03 5.03	37.64 0.45 0.00	41.39 0.30 0.00	39.76 0.42 0.00	34.13 0.27 0.00	32.50 0.31 0.00

HQ_GEN_IMPORT 323601	23.15 0.07 0.00	24.77 0.14 0.00	22.85 0.09 0.00	20.41 0.08 0.00	21.47 0.04 0.00	24.53 0.06 0.00	28.81 0.07 0.12	28.06 0.11 0.00	25.34 0.12 0.00	24.70 0.15 0.00	25.41 0.16 0.00	24.20 0.18 0.00	36.85 0.28 0.00	49.52 0.34 0.00	49.47 0.33 0.00	40.91 0.26 0.00	47.53 0.23 0.00	140.97 0.56 -2.43	53.77 0.17 0.00	37.39 0.20 0.00	41.04 0.22 0.27	39.58 0.24 0.00	34.27 0.15 -0.27	32.38 0.19 0.00
HQ_GEN_WHEEL 23651	23.15 0.07 0.00	24.77 0.14 0.00	22.85 0.09 0.00	20.41 0.08 0.00	21.47 0.04 0.00	24.53 0.06 0.00	28.81 0.07 0.12	28.06 0.11 0.00	25.34 0.12 0.00	24.70 0.15 0.00	25.41 0.16 0.00	24.20 0.18 0.00	36.85 0.28 0.00	49.52 0.34 0.00	49.47 0.33 0.00	40.91 0.26 0.00	47.53 0.23 0.00	140.97 0.56 -2.43	53.77 0.17 0.00	37.39 0.20 0.00	41.04 0.22 0.27	39.58 0.24 0.00	34.27 0.15 -0.27	32.38 0.19 0.00
HUDSON AVE_GT_3 23810	23.32 1.25 1.01	25.70 1.07 0.00	23.80 1.04 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.53 1.06 0.00	30.17 1.32 0.00	29.31 1.37 0.00	26.55 1.34 0.00	25.88 1.32 0.00	26.66 1.41 0.00	25.53 1.50 0.00	33.20 2.08 5.45	43.28 2.84 8.73	43.31 2.92 8.73	37.28 2.71 6.08	43.37 3.35 7.28	145.41 8.73 1.30	54.70 3.16 2.06	39.20 2.01 0.00	43.12 2.02 0.00	41.12 1.78 0.00	35.55 1.70 0.00	33.62 1.43 0.00
HUDSON AVE_GT_4 23540	23.32 1.25 1.01	25.70 1.07 0.00	23.80 1.04 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.53 1.06 0.00	30.17 1.32 0.00	29.31 1.37 0.00	26.55 1.34 0.00	25.88 1.32 0.00	26.66 1.41 0.00	25.53 1.50 0.00	33.20 2.08 5.45	43.28 2.84 8.73	43.31 2.92 8.73	37.28 2.71 6.08	43.37 3.35 7.28	145.41 8.73 1.30	54.70 3.16 2.06	39.20 2.01 0.00	43.12 2.02 0.00	41.12 1.78 0.00	35.55 1.70 0.00	33.62 1.43 0.00
HUDSON AVE_GT_5 23657	23.32 1.25 1.01	25.70 1.07 0.00	23.80 1.04 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.53 1.06 0.00	30.17 1.32 0.00	29.31 1.37 0.00	26.55 1.34 0.00	25.88 1.32 0.00	26.66 1.41 0.00	25.53 1.50 0.00	33.20 2.08 5.45	43.28 2.84 8.73	43.31 2.92 8.73	37.28 2.71 6.08	43.37 3.35 7.28	145.41 8.73 1.30	54.70 3.16 2.06	39.20 2.01 0.00	43.12 2.02 0.00	41.12 1.78 0.00	35.55 1.70 0.00	33.62 1.43 0.00
HUDSON_AVE_10 24168	23.22 1.14 1.01	25.57 0.94 0.00	23.71 0.94 0.00	21.19 0.85 0.00	22.35 0.91 0.00	25.42 0.95 0.00	30.01 1.17 0.01	29.17 1.22 0.00	26.43 1.21 0.00	25.76 1.20 0.00	26.51 1.27 0.01	25.40 1.37 0.00	33.00 1.88 5.45	43.00 2.56 8.74	43.41 2.63 8.36	37.65 2.48 5.48	48.44 3.09 1.95	149.11 7.98 -3.16	54.40 2.86 2.06	42.73 1.80 -3.75	42.90 1.81 0.01	41.14 1.56 -0.24	35.80 1.51 -0.43	33.48 1.25 -0.03
HUDSON___115KV_TB 4 355613	22.77 0.44 0.75	25.02 0.38 0.00	23.18 0.42 0.00	20.75 0.40 0.00	21.71 0.27 0.00	24.74 0.27 0.00	29.08 0.23 0.00	28.15 0.20 0.00	25.30 0.09 0.00	24.63 0.07 0.00	25.23 -0.02 0.00	23.99 -0.03 0.00	32.83 -0.13 3.62	43.17 -0.21 5.80	43.07 -0.26 5.80	36.25 -0.12 4.28	42.07 0.06 5.28	139.01 2.00 0.96	52.89 0.82 1.53	37.81 0.62 0.00	41.90 0.80 0.00	40.04 0.70 0.00	34.41 0.55 0.00	32.66 0.48 0.00
HUNTER MOUNT___DRP 323613	22.81 0.52 0.79	25.11 0.47 0.00	23.26 0.49 0.00	20.81 0.47 0.00	22.15 0.71 0.00	25.32 0.84 0.00	29.83 0.98 0.00	28.85 0.90 0.00	25.92 0.70 0.00	25.09 0.54 0.00	25.73 0.48 0.00	24.41 0.38 0.00	32.85 0.53 4.26	43.04 0.68 6.82	42.89 0.57 6.82	36.35 0.59 4.88	42.10 0.58 5.78	139.41 2.45 1.02	53.06 1.07 1.61	37.96 0.77 0.00	42.08 0.99 0.00	40.22 0.87 0.00	34.53 0.67 0.00	32.78 0.59 0.00
HUNTINGTON_RES_REC 323705	23.49 1.41 1.00	25.95 1.32 0.00	23.98 1.21 0.00	21.40 1.07 0.00	22.60 1.16 0.00	25.79 1.32 0.00	30.43 1.58 0.00	29.43 1.48 0.00	26.58 1.37 0.00	25.88 1.33 0.00	26.81 1.56 0.00	23.84 1.72 1.91	30.91 2.38 8.04	41.20 2.96 10.93	42.59 3.18 9.73	41.55 3.16 2.26	31.51 3.79 19.58	135.55 9.72 12.14	56.73 3.63 0.51	36.24 2.53 3.47	47.87 2.60 -4.18	45.86 2.51 -4.01	41.06 2.32 -4.88	33.09 2.02 1.12
HUNTLEY___63 23557	16.33 -1.88 4.88	22.83 -1.80 0.00	20.85 -1.91 0.00	18.53 -1.81 0.00	19.54 -1.90 0.00	22.56 -1.91 0.00	26.64 -2.21 0.00	25.43 -2.52 0.00	22.86 -2.36 0.00	22.29 -2.26 0.00	22.92 -2.33 0.00	21.59 -2.43 0.00	3.91 -2.74 29.94	-0.14 -3.54 45.78	0.21 -3.14 45.78	6.69 -3.59 30.37	7.15 -4.74 35.40	110.28 -14.76 12.94	35.79 -5.86 11.95	33.19 -3.99 0.00	36.92 -4.17 0.00	35.79 -3.55 0.00	31.14 -2.72 0.00	29.93 -2.26 0.00
HUNTLEY___64 23558	16.33 -1.88 4.88	22.83 -1.80 0.00	20.85 -1.91 0.00	18.53 -1.81 0.00	19.54 -1.90 0.00	22.56 -1.91 0.00	26.64 -2.21 0.00	25.43 -2.52 0.00	22.86 -2.36 0.00	22.29 -2.26 0.00	22.92 -2.33 0.00	21.59 -2.43 0.00	3.91 -2.74 29.94	-0.14 -3.54 45.78	0.21 -3.14 45.78	6.69 -3.59 30.37	7.15 -4.74 35.40	110.28 -14.76 12.94	35.79 -5.86 11.95	33.19 -3.99 0.00	36.92 -4.17 0.00	35.79 -3.55 0.00	31.14 -2.72 0.00	29.93 -2.26 0.00
HUNTLEY___65 23559	16.33 -1.88 4.88	22.83 -1.80 0.00	20.85 -1.91 0.00	18.53 -1.81 0.00	19.54 -1.90 0.00	22.56 -1.91 0.00	26.64 -2.21 0.00	25.43 -2.52 0.00	22.86 -2.36 0.00	22.29 -2.26 0.00	22.92 -2.33 0.00	21.59 -2.43 0.00	3.91 -2.74 29.94	-0.14 -3.54 45.78	0.21 -3.14 45.78	6.69 -3.59 30.37	7.15 -4.74 35.40	110.28 -14.76 12.94	35.79 -5.86 11.95	33.19 -3.99 0.00	36.92 -4.17 0.00	35.79 -3.55 0.00	31.14 -2.72 0.00	29.93 -2.26 0.00
HUNTLEY___66 23560	16.33 -1.88 4.88	22.83 -1.80 0.00	20.85 -1.91 0.00	18.53 -1.81 0.00	19.54 -1.90 0.00	22.56 -1.91 0.00	26.64 -2.21 0.00	25.43 -2.52 0.00	22.86 -2.36 0.00	22.29 -2.26 0.00	22.92 -2.33 0.00	21.59 -2.43 0.00	3.91 -2.74 29.94	-0.14 -3.54 45.78	0.21 -3.14 45.78	6.69 -3.59 30.37	7.15 -4.74 35.40	110.28 -14.76 12.94	35.79 -5.86 11.95	33.19 -3.99 0.00	36.92 -4.17 0.00	35.79 -3.55 0.00	31.14 -2.72 0.00	29.93 -2.26 0.00
HUNTLEY___67 23561	16.25 -1.95 4.88	22.78 -1.85 0.00	20.83 -1.93 0.00	18.51 -1.82 0.00	19.52 -1.91 0.00	22.54 -1.94 0.00	26.60 -2.25 0.00	25.34 -2.61 0.00	22.81 -2.40 0.00	22.22 -2.33 0.00	22.92 -2.33 0.00	21.60 -2.42 0.00	3.84 -2.83 29.91	-0.36 -3.77 45.76	0.00 -3.39 45.74	6.68 -3.86 30.11	7.24 -4.97 35.09	109.68 -15.00 13.30	35.47 -5.91 12.22	33.16 -4.02 0.00	36.86 -4.24 0.00	35.69 -3.65 0.00	31.03 -2.82 0.00	29.81 -2.38 0.00
HUNTLEY___68 23562	16.25 -1.95 4.88	22.78 -1.85 0.00	20.83 -1.93 0.00	18.51 -1.82 0.00	19.52 -1.91 0.00	22.54 -1.94 0.00	26.60 -2.25 0.00	25.34 -2.61 0.00	22.81 -2.40 0.00	22.22 -2.33 0.00	22.92 -2.33 0.00	21.60 -2.42 0.00	3.84 -2.83 29.91	-0.36 -3.77 45.76	0.00 -3.39 45.74	6.68 -3.86 30.11	7.24 -4.97 35.09	109.68 -15.00 13.30	35.47 -5.91 12.22	33.16 -4.02 0.00	36.86 -4.24 0.00	35.69 -3.65 0.00	31.03 -2.82 0.00	29.81 -2.38 0.00

HYLAND___LFGE 323620	17.24 -0.56 5.28	24.19 -0.44 0.00	22.22 -0.54 0.00	19.84 -0.50 0.00	20.99 -0.44 0.00	24.28 -0.19 0.00	28.83 -0.02 0.00	27.45 -0.50 0.00	24.06 -1.16 0.00	23.21 -1.35 0.00	23.77 -1.48 0.00	22.45 -1.57 0.00	2.55 -1.95 32.07	-2.92 -2.50 49.60	-2.80 -2.33 49.60	5.19 -2.57 32.89	5.72 -3.26 38.31	147.97 -9.38 -19.37	44.61 -3.56 5.43	35.74 -1.45 0.00	40.19 -0.90 0.00	38.85 -0.48 0.00	33.43 -0.43 0.00	31.79 -0.40 0.00
INDECK___CORINTH 23802	23.10 0.71 0.69	25.33 0.70 0.00	23.42 0.66 0.00	20.98 0.64 0.00	22.16 0.72 0.00	25.32 0.85 0.00	29.83 0.97 0.00	29.00 1.05 0.00	25.98 0.77 0.00	25.19 0.64 0.00	25.87 0.63 0.00	24.53 0.51 0.00	34.02 0.75 3.31	45.00 1.12 5.30	44.90 1.07 5.30	37.18 0.65 4.12	43.28 0.95 4.97	141.99 4.89 0.88	54.15 1.96 1.41	38.39 1.21 0.00	42.54 1.44 0.00	40.66 1.32 0.00	34.71 0.86 0.00	32.92 0.73 0.00
INDECK___ILION 23567	22.04 -0.06 0.99	24.50 -0.13 0.00	22.70 -0.06 0.00	20.29 -0.05 0.00	21.43 -0.01 0.00	24.47 -0.01 0.00	28.75 -0.10 0.00	27.84 -0.11 0.00	25.13 -0.09 0.00	24.43 -0.13 0.00	25.05 -0.19 0.00	23.79 -0.24 0.00	30.55 -0.41 5.61	39.53 -0.56 9.08	39.53 -0.52 9.08	34.08 -0.48 6.09	39.72 -0.44 7.14	136.40 -0.31 1.27	51.55 -0.03 2.02	37.16 -0.03 0.00	41.08 -0.01 0.00	39.33 -0.01 0.00	33.77 -0.09 0.00	32.03 -0.16 0.00
INDECK___OLEAN 23982	17.16 -0.80 5.13	23.95 -0.69 0.00	22.06 -0.70 0.00	19.65 -0.68 0.00	20.76 -0.67 0.00	23.92 -0.55 0.00	28.24 -0.61 0.00	27.09 -0.86 0.00	24.43 -0.79 0.00	23.83 -0.72 0.00	24.45 -0.80 0.00	23.13 -0.90 0.00	4.62 -0.73 31.23	-0.20 -1.08 48.29	-0.01 -0.86 48.27	7.23 -1.47 31.95	8.06 -2.05 37.19	122.43 -7.09 8.46	38.84 -3.21 11.55	35.06 -2.12 0.00	38.81 -2.29 0.00	37.50 -1.84 0.00	32.61 -1.25 0.00	31.23 -0.96 0.00
INDECK___OSWEGO 23783	9.65 -1.16 12.26	23.42 -1.21 0.00	21.64 -1.12 0.00	19.32 -1.02 0.00	20.41 -1.02 0.00	23.36 -1.11 0.00	27.61 -1.24 0.00	26.64 -1.31 0.00	23.95 -1.26 0.00	23.27 -1.29 0.00	23.90 -1.35 0.00	22.67 -1.36 0.00	-34.56 -2.00 69.14	-65.80 -2.65 112.32	-65.83 -2.64 112.32	-37.23 -2.28 75.60	-44.19 -2.64 88.85	114.83 -7.32 15.82	25.78 -2.72 25.11	35.40 -1.78 0.00	39.17 -1.92 0.00	37.56 -1.78 0.00	32.33 -1.52 0.00	30.69 -1.51 0.00
INDECK___YERKES 23781	16.35 -1.85 4.88	22.86 -1.78 0.00	20.87 -1.90 0.00	18.55 -1.79 0.00	19.56 -1.88 0.00	22.58 -1.89 0.00	26.66 -2.19 0.00	25.46 -2.49 0.00	22.88 -2.34 0.00	22.32 -2.24 0.00	22.95 -2.31 0.00	21.62 -2.41 0.00	3.90 -2.74 29.94	0.08 -3.32 45.78	0.33 -3.02 45.78	6.73 -3.55 30.37	7.22 -4.67 35.40	110.48 -14.56 12.94	35.82 -5.83 11.95	33.23 -3.96 0.00	36.95 -4.14 0.00	35.81 -3.53 0.00	31.17 -2.69 0.00	29.96 -2.23 0.00
INDIAN POINT_GT_1 24139	23.13 1.06 1.02	25.54 0.91 0.00	23.64 0.87 0.00	21.12 0.78 0.00	22.28 0.84 0.00	25.38 0.91 0.00	29.97 1.12 0.00	29.09 1.14 0.00	26.31 1.09 0.00	25.62 1.06 0.00	26.39 1.14 0.00	25.24 1.21 0.00	32.74 1.67 5.51	42.64 2.29 8.82	42.67 2.36 8.82	36.76 2.25 6.14	42.75 2.80 7.35	144.10 7.43 1.31	54.18 2.65 2.08	38.87 1.68 0.00	42.80 1.70 0.00	40.83 1.49 0.00	35.28 1.43 0.00	33.40 1.20 0.00
INDIAN POINT_GT_2 23659	23.13 1.06 1.02	25.54 0.91 0.00	23.64 0.87 0.00	21.12 0.78 0.00	22.28 0.84 0.00	25.38 0.91 0.00	29.97 1.12 0.00	29.09 1.14 0.00	26.31 1.09 0.00	25.62 1.06 0.00	26.39 1.14 0.00	25.24 1.21 0.00	32.74 1.67 5.51	42.64 2.29 8.82	42.67 2.36 8.82	36.76 2.25 6.14	42.75 2.80 7.35	144.10 7.43 1.31	54.18 2.65 2.08	38.87 1.68 0.00	42.80 1.70 0.00	40.83 1.49 0.00	35.28 1.43 0.00	33.40 1.20 0.00
INDIAN POINT_GT_3 24019	23.13 1.06 1.02	25.54 0.91 0.00	23.64 0.87 0.00	21.12 0.78 0.00	22.28 0.84 0.00	25.38 0.91 0.00	29.97 1.12 0.00	29.09 1.14 0.00	26.31 1.09 0.00	25.62 1.06 0.00	26.39 1.14 0.00	25.24 1.21 0.00	32.74 1.67 5.51	42.64 2.29 8.82	42.67 2.36 8.82	36.76 2.25 6.14	42.75 2.80 7.35	144.10 7.43 1.31	54.18 2.65 2.08	38.87 1.68 0.00	42.80 1.70 0.00	40.83 1.49 0.00	35.28 1.43 0.00	33.40 1.20 0.00
INDIAN POINT___2 23530	23.10 1.05 1.03	25.53 0.90 0.00	23.63 0.87 0.00	21.11 0.77 0.00	22.27 0.84 0.00	25.36 0.89 0.00	29.97 1.11 0.00	29.07 1.12 0.00	26.29 1.08 0.00	25.61 1.05 0.00	26.37 1.12 0.00	25.23 1.20 0.00	32.65 1.66 5.59	42.47 2.25 8.95	42.54 2.35 8.95	36.66 2.24 6.22	42.63 2.78 7.45	144.04 7.39 1.33	54.11 2.62 2.10	38.85 1.66 0.00	42.78 1.68 0.00	40.80 1.46 0.00	35.26 1.40 0.00	33.39 1.20 0.00
INDIAN POINT___3 23531	23.11 1.05 1.01	25.53 0.90 0.00	23.63 0.87 0.00	21.11 0.77 0.00	22.27 0.84 0.00	25.37 0.89 0.00	29.96 1.11 0.00	29.07 1.12 0.00	26.29 1.08 0.00	25.61 1.05 0.00	26.37 1.12 0.00	25.23 1.20 0.00	32.73 1.66 5.50	42.63 2.28 8.82	42.66 2.35 8.82	36.74 2.23 6.14	42.71 2.77 7.35	144.01 7.34 1.31	54.14 2.61 2.08	38.85 1.66 0.00	42.78 1.68 0.00	40.80 1.46 0.00	35.26 1.40 0.00	33.38 1.19 0.00
INGHAM_C_115KV_TB7 356103	21.98 -0.11 0.99	24.37 -0.26 0.00	22.61 -0.15 0.00	20.23 -0.10 0.00	21.40 -0.03 0.00	24.43 -0.04 0.00	28.57 -0.28 0.00	27.65 -0.30 0.00	24.98 -0.24 0.00	24.23 -0.33 0.00	24.81 -0.44 0.00	23.46 -0.56 0.00	29.97 -1.00 5.61	38.74 -1.35 9.08	38.79 -1.26 9.08	33.39 -1.17 6.09	39.06 -1.10 7.14	135.79 -0.92 1.27	51.44 -0.14 2.02	37.09 -0.10 0.00	41.03 -0.07 0.00	39.30 -0.04 0.00	33.64 -0.22 0.00	31.83 -0.36 0.00
IP CORINTH___1 23988	23.10 0.71 0.69	25.33 0.70 0.00	23.42 0.66 0.00	20.98 0.64 0.00	22.16 0.72 0.00	25.32 0.85 0.00	29.83 0.97 0.00	29.01 1.05 0.00	25.98 0.77 0.00	25.20 0.64 0.00	25.87 0.62 0.00	24.53 0.51 0.00	34.02 0.75 3.31	45.00 1.13 5.30	44.90 1.07 5.30	37.19 0.65 4.12	43.27 0.95 4.97	142.00 4.91 0.88	54.15 1.96 1.41	38.39 1.21 0.00	42.54 1.45 0.00	40.66 1.32 0.00	34.71 0.85 0.00	32.92 0.73 0.00
IP___TICONDEROGA 23804	23.88 1.48 0.69	26.19 1.56 0.00	24.17 1.40 0.00	21.72 1.38 0.00	22.97 1.53 0.00	26.27 1.80 0.00	30.83 1.98 0.00	30.19 2.24 0.00	26.72 1.50 0.00	25.77 1.21 0.00	26.48 1.23 0.00	25.00 0.97 0.00	35.25 1.98 3.31	47.17 3.31 5.31	47.01 3.19 5.31	38.36 1.82 4.12	44.50 2.18 4.97	150.09 13.00 0.88	56.64 4.44 1.41	39.79 2.60 0.00	44.26 3.16 0.00	42.36 3.02 0.00	35.45 1.60 0.00	33.55 1.36 0.00
ISLIP_RES_REC 323679	23.74 1.66 1.00	26.19 1.56 0.00	24.19 1.43 0.00	21.60 1.26 0.00	22.81 1.37 0.00	26.05 1.57 0.00	30.79 1.93 0.00	29.76 1.81 0.00	26.90 1.68 0.00	26.16 1.61 0.00	27.04 1.78 0.00	24.15 1.96 1.83	31.35 2.72 7.95	41.75 3.43 10.85	43.28 3.77 9.61	42.40 3.83 2.08	32.49 4.62 19.42	137.81 11.87 12.04	57.64 4.49 0.45	37.03 3.09 3.24	48.65 3.25 -4.31	46.63 3.14 -4.15	41.74 2.81 -5.07	33.64 2.43 0.98

JAMAICA__27_KV_LOAD 355505	23.30 1.23 1.01	25.62 0.99 0.00	23.78 1.02 0.00	21.27 0.93 0.00	22.44 1.00 0.00	25.50 1.03 0.00	30.07 1.22 0.01	29.23 1.28 0.00	26.49 1.27 0.00	25.84 1.28 0.00	26.52 1.28 0.01	25.42 1.39 0.00	33.03 1.91 5.45	43.01 2.57 8.74	43.59 2.66 8.20	37.93 2.50 5.22	50.79 3.14 -0.36	151.08 8.02 -5.09	54.47 2.93 2.06	44.40 1.84 -5.38	42.94 1.85 0.01	41.31 1.62 -0.35	36.05 1.58 -0.61	33.54 1.30 -0.04
JANIS__SOLAR 323808	16.88 0.20 6.40	24.88 0.25 0.00	22.96 0.19 0.00	20.51 0.18 0.00	21.65 0.21 0.00	24.91 0.43 0.00	29.54 0.69 0.00	28.55 0.60 0.00	25.59 0.38 0.00	24.89 0.33 0.00	25.43 0.18 0.00	23.98 -0.05 0.00	-3.95 0.21 40.73	-15.82 0.26 65.25	-15.81 0.31 65.25	-0.43 0.02 41.09	0.99 0.07 46.38	131.98 0.42 6.42	42.57 0.40 11.42	37.93 0.75 0.00	42.17 1.07 0.00	40.44 1.10 0.00	34.72 0.86 0.00	32.80 0.61 0.00
JARVIS____ 23743	22.04 -0.06 0.99	24.54 -0.09 0.00	22.71 -0.06 0.00	20.28 -0.06 0.00	21.39 -0.04 0.00	24.41 -0.06 0.00	28.77 -0.08 0.00	27.87 -0.08 0.00	25.14 -0.08 0.00	24.47 -0.08 0.00	25.15 -0.10 0.00	23.93 -0.09 0.00	30.82 -0.14 5.61	39.90 -0.20 9.08	39.86 -0.20 9.08	34.40 -0.17 6.09	39.97 -0.18 7.14	136.31 -0.39 1.27	51.44 -0.14 2.02	37.05 -0.13 0.00	40.95 -0.14 0.00	39.18 -0.16 0.00	33.76 -0.10 0.00	32.08 -0.10 0.00
JENNISON____1 23625	18.28 0.15 4.95	24.85 0.22 0.00	22.93 0.17 0.00	20.47 0.13 0.00	21.59 0.16 0.00	24.78 0.30 0.00	29.28 0.43 0.00	28.56 0.61 0.00	25.85 0.63 0.00	25.30 0.75 0.00	25.90 0.65 0.00	24.48 0.45 0.00	0.98 1.16 36.76	-8.11 1.52 58.80	-8.07 1.60 58.80	7.78 0.98 33.85	12.37 0.94 35.87	135.23 3.08 5.83	45.23 1.25 9.62	38.21 1.02 0.00	42.25 1.16 0.00	40.56 1.22 0.00	34.80 0.95 0.00	32.88 0.69 0.00
JENNISON____2 23626	18.28 0.15 4.95	24.85 0.22 0.00	22.93 0.17 0.00	20.47 0.13 0.00	21.59 0.16 0.00	24.78 0.30 0.00	29.28 0.43 0.00	28.56 0.61 0.00	25.85 0.63 0.00	25.30 0.75 0.00	25.90 0.65 0.00	24.48 0.45 0.00	0.98 1.16 36.76	-8.11 1.52 58.80	-8.07 1.60 58.80	7.78 0.98 33.85	12.37 0.94 35.87	135.23 3.08 5.83	45.23 1.25 9.62	38.21 1.02 0.00	42.25 1.16 0.00	40.56 1.22 0.00	34.80 0.95 0.00	32.88 0.69 0.00
JERICOHO_RISE_WT_PWR 323719	22.21 -0.03 0.84	24.83 0.20 0.00	22.87 0.10 0.00	20.43 0.09 0.00	21.50 0.07 0.00	24.61 0.13 0.00	29.09 0.24 0.00	28.32 0.37 0.00	25.51 0.29 0.00	24.90 0.34 0.00	25.62 0.36 0.00	24.35 0.32 0.00	32.29 0.48 4.76	42.02 0.57 7.72	42.03 0.62 7.72	35.91 0.45 5.19	41.63 0.42 6.09	138.35 1.45 1.09	52.29 0.41 1.72	37.63 0.44 0.00	41.63 0.53 0.00	39.92 0.58 0.00	34.19 0.33 0.00	32.56 0.37 0.00
KATONAH__115KV_46KV_TB4 355592	23.22 1.13 0.99	25.62 0.99 0.00	23.72 0.95 0.00	21.19 0.85 0.00	22.36 0.93 0.00	25.48 1.01 0.00	30.10 1.25 0.00	29.22 1.27 0.00	26.43 1.21 0.00	25.74 1.18 0.00	26.50 1.25 0.00	25.34 1.31 0.00	33.02 1.82 5.38	43.04 2.49 8.62	43.08 2.56 8.62	37.03 2.38 6.00	43.07 2.96 7.19	144.66 7.96 1.28	54.48 2.91 2.03	39.04 1.86 0.00	43.01 1.92 0.00	41.02 1.68 0.00	35.41 1.56 0.00	33.51 1.32 0.00
KCE_NY_1 323755	23.08 0.69 0.69	25.34 0.71 0.00	23.41 0.64 0.00	20.95 0.61 0.00	22.14 0.70 0.00	25.27 0.80 0.00	29.79 0.94 0.00	28.84 0.89 0.00	25.93 0.71 0.00	25.15 0.59 0.00	25.85 0.60 0.00	24.52 0.49 0.00	33.99 0.74 3.32	44.94 1.09 5.32	44.86 1.05 5.32	37.27 0.74 4.12	43.38 1.06 4.97	141.48 4.39 0.88	54.02 1.82 1.40	38.34 1.15 0.00	42.44 1.34 0.00	40.56 1.22 0.00	34.72 0.87 0.00	32.99 0.79 0.00
KCE_NY_6_ESR 323823	16.50 -1.63 4.95	23.10 -1.53 0.00	21.14 -1.62 0.00	18.81 -1.53 0.00	19.84 -1.59 0.00	22.92 -1.55 0.00	27.08 -1.78 0.00	25.95 -2.00 0.00	23.29 -1.93 0.00	22.74 -1.82 0.00	23.28 -1.97 0.00	21.95 -2.08 0.00	3.96 -2.32 30.29	-0.21 -2.90 46.49	0.05 -2.58 46.50	6.80 -2.95 30.89	7.44 -3.87 35.99	111.11 -12.43 14.44	35.97 -5.17 12.46	33.72 -3.47 0.00	37.44 -3.65 0.00	36.24 -3.10 0.00	31.50 -2.36 0.00	30.18 -2.01 0.00
KEDC PORT_JEFF_GT2 24210	23.64 1.56 1.00	26.09 1.46 0.00	24.11 1.34 0.00	21.52 1.18 0.00	22.73 1.29 0.00	25.95 1.47 0.00	30.64 1.79 0.00	29.63 1.68 0.00	26.78 1.56 0.00	26.05 1.50 0.00	26.94 1.70 0.00	23.86 1.86 2.03	30.95 2.58 8.21	41.34 3.24 11.07	42.72 3.54 9.95	41.56 3.58 2.67	31.67 4.30 19.92	136.57 10.97 12.37	57.10 4.15 0.65	36.01 2.85 4.03	47.97 2.99 -3.88	45.91 2.90 -3.67	40.93 2.63 -4.45	33.07 2.28 1.40
KEDC PORT_JEFF_GT3 24211	23.64 1.56 1.00	26.09 1.46 0.00	24.11 1.34 0.00	21.52 1.18 0.00	22.73 1.29 0.00	25.95 1.47 0.00	30.64 1.79 0.00	29.63 1.68 0.00	26.78 1.56 0.00	26.05 1.50 0.00	26.94 1.70 0.00	23.86 1.86 2.03	30.95 2.58 8.21	41.34 3.24 11.07	42.72 3.54 9.95	41.56 3.58 2.67	31.67 4.30 19.92	136.57 10.97 12.37	57.10 4.15 0.65	36.01 2.85 4.03	47.97 2.99 -3.88	45.91 2.90 -3.67	40.93 2.63 -4.45	33.07 2.28 1.40
KEDC_GLWD_GT4 24219	23.40 1.33 1.00	25.83 1.20 0.00	23.89 1.13 0.00	21.33 0.99 0.00	22.52 1.09 0.00	25.68 1.20 0.00	30.32 1.47 0.00	29.41 1.46 0.00	26.60 1.38 0.00	25.91 1.35 0.00	26.75 1.50 0.00	29.74 1.62 -4.09	38.99 2.29 -0.13	48.11 3.00 4.06	54.47 3.15 -2.19	64.82 2.87 -21.30	52.79 3.35 -2.15	149.64 8.68 -2.98	64.00 3.18 -7.21	68.90 2.15 -29.57	63.97 2.17 -20.70	64.31 2.01 -22.96	65.22 1.96 -29.41	47.11 1.72 -13.19
KEDC_GLWD_GT5 24220	23.40 1.33 1.00	25.83 1.20 0.00	23.89 1.13 0.00	21.33 0.99 0.00	22.52 1.09 0.00	25.68 1.20 0.00	30.32 1.47 0.00	29.41 1.46 0.00	26.60 1.38 0.00	25.91 1.35 0.00	26.75 1.50 0.00	29.74 1.62 -4.09	38.99 2.29 -0.13	48.11 3.00 4.06	54.47 3.15 -2.19	64.82 2.87 -21.30	52.79 3.35 -2.15	149.64 8.68 -2.98	64.00 3.18 -7.21	68.90 2.15 -29.57	63.97 2.17 -20.70	64.31 2.01 -22.96	65.22 1.96 -29.41	47.11 1.72 -13.19
KENSICO____ 23655	23.19 1.12 1.01	25.60 0.97 0.00	23.70 0.93 0.00	21.17 0.83 0.00	22.34 0.90 0.00	25.44 0.96 0.00	30.04 1.20 0.00	29.16 1.21 0.00	26.38 1.17 0.00	25.70 1.15 0.00	26.47 1.22 0.00	25.33 1.30 0.00	32.90 1.79 5.46	42.87 2.45 8.75	42.90 2.52 8.75	36.92 2.37 6.09	42.94 2.94 7.30	144.49 7.81 1.30	54.34 2.80 2.06	38.97 1.78 0.00	42.91 1.81 0.00	40.92 1.58 0.00	35.36 1.50 0.00	33.47 1.28 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.34 1.30 1.05	25.81 1.18 0.00	23.88 1.11 0.00	21.33 0.99 0.00	22.49 1.06 0.00	25.65 1.18 0.00	30.34 1.49 0.00	29.41 1.46 0.00	26.53 1.31 0.00	25.76 1.20 0.00	26.44 1.19 0.00	25.25 1.23 0.00	32.53 1.67 5.72	42.31 2.30 9.16	42.37 2.40 9.16	36.53 2.26 6.38	42.59 2.91 7.62	145.02 8.40 1.36	54.73 3.28 2.15	39.43 2.25 0.00	43.47 2.38 0.00	41.47 2.13 0.00	35.78 1.93 0.00	33.85 1.66 0.00

KIAC_JFK_GT1 23816	23.19 1.11 1.01	25.49 0.86 0.00	23.67 0.91 0.00	21.17 0.83 0.00	22.33 0.90 0.00	25.35 0.87 0.00	29.80 0.95 0.01	28.97 1.02 0.00	26.26 1.04 0.00	25.71 1.16 0.00	26.40 1.16 0.01	25.30 1.28 0.00	32.86 1.74 5.45	42.77 2.33 8.74	43.35 2.41 8.20	37.73 2.30 5.22	50.51 2.85 -0.36	149.86 6.79 -5.09	53.98 2.44 2.06	44.07 1.50 -5.38	42.56 1.47 0.01	40.95 1.26 -0.35	35.86 1.39 -0.61	33.37 1.13 -0.04
KIAC_JFK_GT2 23817	23.19 1.11 1.01	25.49 0.86 0.00	23.67 0.91 0.00	21.17 0.83 0.00	22.33 0.90 0.00	25.35 0.87 0.00	29.80 0.95 0.01	28.97 1.02 0.00	26.26 1.04 0.00	25.71 1.16 0.00	26.40 1.16 0.01	25.30 1.28 0.00	32.86 1.74 5.45	42.77 2.33 8.74	43.35 2.41 8.20	37.73 2.30 5.22	50.51 2.85 -0.36	149.86 6.79 -5.09	53.98 2.44 2.06	44.07 1.50 -5.38	42.56 1.47 0.01	40.95 1.26 -0.35	35.86 1.39 -0.61	33.37 1.13 -0.04
KIAC_JFK____ 323774	23.18 1.11 1.01	25.49 0.86 0.00	23.67 0.91 0.00	21.17 0.83 0.00	22.33 0.89 0.00	25.35 0.87 0.00	29.80 0.95 0.01	28.97 1.02 0.00	26.26 1.04 0.00	25.71 1.16 0.00	26.40 1.16 0.01	25.30 1.28 0.00	32.87 1.75 5.45	42.73 2.30 8.74	43.34 2.40 8.20	37.73 2.31 5.22	50.51 2.86 -0.36	149.82 6.76 -5.09	53.99 2.45 2.06	44.07 1.50 -5.38	42.55 1.46 0.01	40.96 1.26 -0.35	35.87 1.40 -0.61	33.37 1.13 -0.04
KINTIGH__24_KV_GSU 356498	16.59 -1.85 4.65	22.87 -1.76 0.00	20.95 -1.82 0.00	18.63 -1.71 0.00	19.65 -1.78 0.00	22.64 -1.83 0.00	26.71 -2.14 0.00	25.52 -2.43 0.00	22.99 -2.23 0.00	22.41 -2.15 0.00	23.06 -2.19 0.00	21.77 -2.26 0.00	5.09 -2.81 28.68	2.12 -3.62 43.44	2.32 -3.38 43.43	8.19 -3.65 28.80	9.11 -4.59 33.60	114.33 -13.74 9.90	37.37 -5.47 10.76	33.49 -3.70 0.00	37.20 -3.90 0.00	35.94 -3.40 0.00	31.19 -2.67 0.00	29.96 -2.23 0.00
KINTIGH____ 23543	16.57 -1.87 4.65	22.86 -1.78 0.00	20.93 -1.84 0.00	18.61 -1.73 0.00	19.63 -1.81 0.00	22.62 -1.86 0.00	26.68 -2.17 0.00	25.50 -2.46 0.00	22.96 -2.25 0.00	22.39 -2.16 0.00	23.04 -2.21 0.00	21.75 -2.28 0.00	5.08 -2.81 28.68	1.93 -3.81 43.44	2.21 -3.49 43.43	8.15 -3.70 28.80	9.02 -4.68 33.60	114.12 -13.96 9.90	37.34 -5.50 10.76	33.45 -3.73 0.00	37.17 -3.93 0.00	35.91 -3.43 0.00	31.17 -2.69 0.00	29.94 -2.26 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.53 0.21 0.76	25.08 0.44 0.00	23.11 0.34 0.00	20.64 0.30 0.00	21.75 0.32 0.00	24.91 0.44 0.00	29.47 0.62 0.00	28.75 0.80 0.00	25.84 0.62 0.00	25.20 0.65 0.00	25.90 0.65 0.00	24.62 0.59 0.00	33.20 0.93 4.31	43.39 1.20 6.98	43.35 1.20 6.98	36.88 0.93 4.69	42.82 1.03 5.51	140.56 3.57 0.98	53.33 3.57 1.56	38.15 1.29 0.00	42.20 0.96 0.00	40.47 1.11 0.00	34.61 1.13 0.00	32.92 0.75 0.00
LACHUTE____HYDRO 323717	23.88 1.48 0.69	26.19 1.56 0.00	24.17 1.40 0.00	21.72 1.38 0.00	22.97 1.53 0.00	26.27 1.80 0.00	30.83 1.97 0.00	30.19 2.24 0.00	26.72 1.50 0.00	25.77 1.21 0.00	26.48 1.23 0.00	25.00 0.97 0.00	35.25 1.98 3.31	47.17 3.31 5.31	47.01 3.19 5.31	38.36 1.82 4.12	44.50 2.18 4.97	150.08 12.99 0.88	56.63 4.44 1.41	39.79 2.60 0.00	44.26 3.16 0.00	42.36 3.02 0.00	35.45 1.60 0.00	33.55 1.36 0.00
LAWRNCALV_115KV_TB1 80681	21.27 -0.16 1.66	24.71 0.08 0.00	22.75 -0.01 0.00	20.29 -0.05 0.00	21.34 -0.09 0.00	24.42 -0.06 0.00	28.72 -0.13 0.00	27.89 -0.06 0.00	25.11 -0.11 0.00	24.57 0.02 0.00	25.26 0.01 0.00	24.05 0.03 0.00	27.21 0.03 9.39	33.94 0.00 15.23	33.97 0.07 15.23	30.34 -0.07 10.23	34.98 -0.30 12.01	134.98 -0.86 2.14	49.49 -0.71 3.39	37.22 0.03 0.00	41.02 -0.07 0.00	39.50 0.16 0.00	33.98 0.12 0.00	32.33 0.14 0.00
LEDERLE____ 23769	23.21 1.17 1.04	25.66 1.03 0.00	23.74 0.98 0.00	21.21 0.87 0.00	22.38 0.94 0.00	25.50 1.02 0.00	30.13 1.28 0.00	29.23 1.28 0.00	26.43 1.21 0.00	25.75 1.20 0.00	26.53 1.28 0.00	25.38 1.35 0.00	32.81 1.89 5.65	42.73 2.61 9.05	42.77 2.69 9.05	36.88 2.52 6.29	42.91 3.15 7.53	145.10 8.47 1.34	54.47 3.00 2.13	39.11 1.92 0.00	43.06 1.97 0.00	41.06 1.73 0.00	35.47 1.62 0.00	33.58 1.39 0.00
LIGHTHSE_115KV_TB6 355974	12.09 -1.01 9.98	23.66 -0.97 0.00	21.89 -0.88 0.00	19.52 -0.82 0.00	20.66 -0.77 0.00	23.70 -0.77 0.00	28.04 -0.81 0.00	27.05 -0.89 0.00	24.24 -0.98 0.00	23.48 -1.08 0.00	24.06 -1.19 0.00	22.77 -1.25 0.00	-21.63 -1.78 56.42	-44.76 -2.39 91.54	-44.71 -2.30 91.55	-22.88 -1.97 61.56	-27.26 -2.26 72.30	119.37 -5.73 12.88	31.11 -2.06 20.43	36.00 -1.18 0.00	39.85 -1.25 0.00	38.23 -1.11 0.00	32.87 -0.98 0.00	31.12 -1.07 0.00
LINDEN COGEN____ 23786	23.17 1.09 1.01	25.53 0.90 0.00	23.63 0.87 0.00	21.11 0.77 0.00	22.27 0.84 0.00	25.35 0.87 0.00	29.97 1.12 0.00	29.11 1.16 0.00	26.37 1.15 0.00	25.69 1.14 0.00	26.47 1.22 0.00	25.35 1.33 0.00	32.94 1.82 5.45	42.90 2.46 8.73	42.95 2.56 8.73	37.01 2.44 6.08	43.04 3.03 7.28	144.39 7.71 1.30	54.33 2.78 2.06	38.89 1.76 0.05	42.82 1.73 0.00	40.49 1.49 0.34	34.69 1.47 0.64	33.41 1.22 0.00
LINDHRST_69_KV_BK1 356055	23.74 1.66 1.00	26.19 1.56 0.00	24.20 1.43 0.00	21.59 1.25 0.00	22.80 1.37 0.00	26.06 1.59 0.00	30.77 1.92 0.00	29.76 1.82 0.00	26.89 1.67 0.00	26.16 1.60 0.00	27.04 1.79 0.00	27.39 1.93 -1.43	35.78 2.70 3.49	45.56 3.51 7.12	48.86 3.73 4.01	52.28 3.62 -8.01	40.38 4.29 11.20	142.76 11.30 6.52	60.79 4.22 -2.97	50.17 2.97 -10.02	55.59 3.08 -11.42	54.59 2.96 -12.28	52.12 2.70 -15.56	40.64 2.37 -6.08
LIPA_MISC_IPP 23656	23.60 1.52 1.00	26.04 1.41 0.00	24.07 1.30 0.00	21.49 1.15 0.00	22.69 1.26 0.00	25.91 1.44 0.00	30.60 1.75 0.00	29.59 1.64 0.00	26.76 1.54 0.00	26.02 1.47 0.00	26.89 1.65 0.00	23.73 1.82 2.11	30.76 2.51 8.32	41.22 3.22 11.17	42.56 3.53 10.10	41.37 3.67 2.95	31.54 4.40 20.15	136.33 10.88 12.53	56.91 4.06 0.74	35.59 2.80 4.40	47.70 2.92 -3.68	45.65 2.87 -3.45	40.61 2.59 -4.16	32.84 2.23 1.59
LISF____SOLAR 323691	23.63 1.56 1.00	26.08 1.45 0.00	24.10 1.34 0.00	21.52 1.18 0.00	22.73 1.29 0.00	25.95 1.48 0.00	30.65 1.80 0.00	29.64 1.68 0.00	26.79 1.57 0.00	26.04 1.48 0.00	26.90 1.65 0.00	23.79 1.84 2.08	30.84 2.54 8.28	41.24 3.20 11.13	42.65 3.56 10.04	41.55 3.75 2.84	31.70 4.46 20.06	136.61 11.11 12.47	57.09 4.20 0.71	35.79 2.87 4.26	47.87 3.01 -3.76	45.82 2.95 -3.53	40.78 2.66 -4.27	32.98 2.30 1.52
LITTLE FALLS____HYD 24013	21.98 -0.11 0.99	24.37 -0.26 0.00	22.61 -0.15 0.00	20.23 -0.10 0.00	21.40 -0.03 0.00	24.43 -0.04 0.00	28.57 -0.28 0.00	27.65 -0.30 0.00	24.98 -0.24 0.00	24.23 -0.33 0.00	24.81 -0.44 0.00	23.46 -0.56 0.00	29.97 -1.00 5.61	38.74 -1.35 9.08	38.79 -1.26 9.08	33.39 -1.17 6.09	39.06 -1.10 7.14	135.79 -0.92 1.27	51.44 -0.14 2.02	37.09 -0.10 0.00	41.03 -0.07 0.00	39.30 -0.04 0.00	33.64 -0.22 0.00	31.83 -0.36 0.00

LITTLRIV_115KV_TB1 356100	21.46 0.14 1.76	25.05 0.42 0.00	23.05 0.28 0.00	20.56 0.22 0.00	21.63 0.20 0.00	24.76 0.29 0.00	29.16 0.30 0.00	28.27 0.32 0.00	25.39 0.17 0.00	24.70 0.14 0.00	25.35 0.11 0.00	24.15 0.12 0.00	26.81 0.19 9.95	33.31 0.27 16.13	33.41 0.40 16.13	30.00 0.18 10.83	34.63 0.05 12.72	135.93 0.22 2.27	49.77 -0.24 3.59	37.59 0.41 0.00	41.63 0.54 0.00	40.11 0.77 0.00	34.46 0.60 0.00	32.75 0.56 0.00
LI_NEWBRDGE___DRP 323616	23.31 1.23 1.00	25.75 1.12 0.00	23.80 1.04 0.00	21.25 0.91 0.00	22.44 1.00 0.00	25.60 1.12 0.00	30.22 1.36 0.00	29.25 1.31 0.00	26.45 1.23 0.00	25.76 1.20 0.00	26.65 1.40 0.00	22.23 1.57 3.37	28.70 2.18 10.05	39.36 2.80 12.61	39.72 2.95 12.36	36.42 2.82 7.05	26.12 3.30 24.47	130.69 8.33 15.61	54.54 3.03 2.09	28.90 2.13 10.42	44.09 2.13 -0.86	41.61 2.08 -0.20	35.76 1.96 0.06	29.57 1.71 4.33
LOCKPORT_115KV_TB60_63_64 80432	16.13 -2.07 4.88	22.60 -2.03 0.00	20.64 -2.13 0.00	18.35 -1.99 0.00	19.35 -2.08 0.00	22.35 -2.12 0.00	26.39 -2.47 0.00	25.12 -2.83 0.00	22.53 -2.69 0.00	21.96 -2.60 0.00	22.60 -2.65 0.00	21.28 -2.75 0.00	3.56 -3.10 29.91	-0.53 -4.03 45.67	-0.18 -3.64 45.68	6.36 -3.98 30.30	6.79 -5.16 35.34	109.25 -16.59 12.14	35.45 -6.44 11.71	32.80 -4.39 0.00	36.52 -4.57 0.00	35.41 -3.93 0.00	30.85 -3.01 0.00	29.68 -2.51 0.00
LOCKPORT___CC1 323769	16.13 -2.08 4.88	22.61 -2.03 0.00	20.65 -2.12 0.00	18.36 -1.98 0.00	19.36 -2.07 0.00	22.36 -2.11 0.00	26.39 -2.46 0.00	25.14 -2.82 0.00	22.55 -2.66 0.00	21.99 -2.57 0.00	22.62 -2.63 0.00	21.30 -2.73 0.00	3.53 -3.14 29.90	-0.39 -3.89 45.67	-0.14 -3.60 45.67	6.36 -3.99 30.30	6.84 -5.12 35.34	108.97 -16.37 12.64	35.33 -6.46 11.81	32.82 -4.37 0.00	36.52 -4.58 0.00	35.41 -3.94 0.00	30.82 -3.03 0.00	29.67 -2.52 0.00
LOCKPORT___CC2 323770	16.13 -2.08 4.88	22.61 -2.03 0.00	20.65 -2.12 0.00	18.36 -1.98 0.00	19.36 -2.07 0.00	22.36 -2.11 0.00	26.39 -2.46 0.00	25.14 -2.82 0.00	22.55 -2.66 0.00	21.99 -2.57 0.00	22.62 -2.63 0.00	21.30 -2.73 0.00	3.53 -3.14 29.90	-0.39 -3.89 45.67	-0.14 -3.60 45.67	6.36 -3.99 30.30	6.84 -5.12 35.34	108.97 -16.37 12.64	35.33 -6.46 11.81	32.82 -4.37 0.00	36.52 -4.58 0.00	35.41 -3.94 0.00	30.82 -3.03 0.00	29.67 -2.52 0.00
LOCKPORT___CC3 323771	16.13 -2.08 4.88	22.61 -2.03 0.00	20.65 -2.12 0.00	18.36 -1.98 0.00	19.36 -2.07 0.00	22.36 -2.11 0.00	26.39 -2.46 0.00	25.14 -2.82 0.00	22.55 -2.66 0.00	21.99 -2.57 0.00	22.62 -2.63 0.00	21.30 -2.73 0.00	3.53 -3.14 29.90	-0.39 -3.89 45.67	-0.14 -3.60 45.67	6.36 -3.99 30.30	6.84 -5.12 35.34	108.97 -16.37 12.64	35.33 -6.46 11.81	32.82 -4.37 0.00	36.52 -4.58 0.00	35.41 -3.94 0.00	30.82 -3.03 0.00	29.67 -2.52 0.00
LOCUSVLY_69_KV_BK2 55797	23.48 1.40 1.00	25.92 1.29 0.00	23.97 1.20 0.00	21.40 1.06 0.00	22.59 1.16 0.00	25.76 1.29 0.00	30.42 1.57 0.00	29.48 1.53 0.00	26.66 1.44 0.00	25.97 1.42 0.00	26.85 1.60 0.00	28.50 1.73 -2.74	37.31 2.43 1.70	46.78 3.20 5.60	51.82 3.35 0.66	59.31 3.10 -15.56	46.78 3.61 4.12	145.85 9.40 1.54	62.43 3.45 -5.38	60.43 2.37 -20.87	60.25 2.40 -16.75	59.99 2.27 -18.38	59.45 2.14 -23.46	43.96 1.89 -9.88
LONG_LAKE_PHOENIX 24014	10.29 -1.04 11.75	23.54 -1.09 0.00	21.75 -1.02 0.00	19.41 -0.92 0.00	20.50 -0.93 0.00	23.48 -0.99 0.00	27.76 -1.09 0.00	26.79 -1.17 0.00	24.08 -1.14 0.00	23.39 -1.16 0.00	24.03 -1.22 0.00	22.78 -1.25 0.00	-31.62 -1.85 66.34	-61.00 -2.46 107.71	-61.05 -2.47 107.71	-33.97 -2.15 72.46	-40.31 -2.47 85.13	115.94 -6.87 15.16	27.04 -2.50 24.06	35.57 -1.62 0.00	39.39 -1.71 0.00	37.76 -1.58 0.00	32.49 -1.37 0.00	30.84 -1.35 0.00
LOVETT___3 23632	23.10 1.05 1.03	25.53 0.90 0.00	23.63 0.87 0.00	21.11 0.78 0.00	22.27 0.84 0.00	25.37 0.90 0.00	29.97 1.11 0.00	29.07 1.12 0.00	26.29 1.08 0.00	25.61 1.06 0.00	26.38 1.13 0.00	25.24 1.21 0.00	32.64 1.67 5.60	42.49 2.30 8.98	42.53 2.37 8.98	36.66 2.25 6.24	42.63 2.81 7.47	144.09 7.44 1.33	54.11 2.62 2.11	38.86 1.67 0.00	42.78 1.69 0.00	40.80 1.46 0.00	35.26 1.41 0.00	33.39 1.20 0.00
LOVETT___4 23642	23.10 1.05 1.03	25.53 0.90 0.00	23.63 0.87 0.00	21.11 0.78 0.00	22.27 0.84 0.00	25.37 0.90 0.00	29.97 1.11 0.00	29.07 1.12 0.00	26.29 1.08 0.00	25.61 1.06 0.00	26.38 1.13 0.00	25.24 1.21 0.00	32.64 1.67 5.60	42.49 2.30 8.98	42.53 2.37 8.98	36.66 2.25 6.24	42.63 2.81 7.47	144.09 7.44 1.33	54.11 2.62 2.11	38.86 1.67 0.00	42.78 1.69 0.00	40.80 1.46 0.00	35.26 1.41 0.00	33.39 1.20 0.00
LOVETT___5 23593	23.10 1.05 1.03	25.53 0.90 0.00	23.63 0.87 0.00	21.11 0.78 0.00	22.27 0.84 0.00	25.37 0.90 0.00	29.97 1.11 0.00	29.07 1.12 0.00	26.29 1.08 0.00	25.61 1.06 0.00	26.38 1.13 0.00	25.24 1.21 0.00	32.64 1.67 5.60	42.49 2.30 8.98	42.53 2.37 8.98	36.66 2.25 6.24	42.63 2.81 7.47	144.09 7.44 1.33	54.11 2.62 2.11	38.86 1.67 0.00	42.78 1.69 0.00	40.80 1.46 0.00	35.26 1.41 0.00	33.39 1.20 0.00
LOWER RAQUET___HYD 24057	21.02 -0.22 1.85	24.66 0.03 0.00	22.70 -0.06 0.00	20.24 -0.09 0.00	21.30 -0.13 0.00	24.37 -0.11 0.00	28.65 -0.20 0.00	27.81 -0.14 0.00	25.03 -0.19 0.00	24.46 -0.09 0.00	25.14 -0.10 0.00	23.95 -0.07 0.00	25.97 -0.14 10.47	31.98 -0.23 16.97	32.02 -0.14 16.97	28.99 -0.25 11.40	33.38 -0.53 13.39	134.17 -1.43 2.38	48.89 -0.93 3.78	37.08 -0.10 0.00	40.91 -0.19 0.00	39.42 0.07 0.00	33.93 0.07 0.00	32.27 0.07 0.00
LOWER___HUDSON 24059	22.72 0.33 0.69	24.91 0.29 0.00	23.08 0.31 0.00	20.67 0.33 0.00	21.81 0.38 0.00	24.88 0.41 0.00	29.25 0.40 0.00	28.40 0.45 0.00	25.53 0.32 0.00	24.82 0.26 0.00	25.50 0.25 0.00	24.22 0.19 0.00	33.41 0.28 3.44	44.11 0.44 5.51	43.99 0.37 5.51	36.73 0.22 4.13	42.69 0.37 4.98	139.42 2.33 0.89	53.14 0.95 1.41	37.66 0.48 0.00	41.70 0.60 0.00	39.85 0.51 0.00	34.19 0.33 0.00	32.50 0.31 0.00
LOWVILLE_115KV_TB2 356335	18.45 -0.49 4.14	24.34 -0.29 0.00	22.57 -0.19 0.00	20.09 -0.25 0.00	21.33 -0.11 0.00	24.49 0.01 0.00	28.97 0.12 0.00	28.05 0.10 0.00	25.08 -0.13 0.00	24.36 -0.19 0.00	24.94 -0.31 0.00	23.58 -0.44 0.00	12.51 -0.57 23.50	10.29 -0.80 38.08	10.34 -0.71 38.08	14.48 -0.59 25.58	16.58 -0.69 30.03	131.41 -1.22 5.35	44.91 -0.20 8.48	37.43 0.25 0.00	41.41 0.31 0.00	39.79 0.45 0.00	34.13 0.27 0.00	32.23 0.04 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.07 0.67 0.69	25.30 0.67 0.00	23.40 0.64 0.00	20.95 0.61 0.00	22.12 0.68 0.00	25.26 0.78 0.00	29.75 0.90 0.00	28.85 0.90 0.00	25.91 0.69 0.00	25.15 0.59 0.00	25.84 0.59 0.00	24.52 0.50 0.00	33.98 0.73 3.32	44.91 1.06 5.32	44.81 1.00 5.32	37.25 0.72 4.12	43.34 1.01 4.97	141.42 4.32 0.88	53.96 1.76 1.40	38.29 1.10 0.00	42.39 1.30 0.00	40.52 1.18 0.00	34.71 0.85 0.00	32.96 0.77 0.00

LUTHERNY_35_KV_BK2 355980	23.08 0.69 0.69	25.34 0.71 0.00	23.41 0.64 0.00	20.95 0.61 0.00	22.14 0.70 0.00	25.27 0.80 0.00	29.79 0.94 0.00	28.84 0.89 0.00	25.93 0.71 0.00	25.15 0.59 0.00	25.85 0.60 0.00	24.52 0.49 0.00	33.99 0.73 3.32	44.94 1.09 5.32	44.86 1.06 5.32	37.27 0.74 4.12	43.38 1.05 4.97	141.50 4.40 0.88	54.02 1.82 1.40	38.34 1.15 0.00	42.44 1.35 0.00	40.56 1.22 0.00	34.72 0.86 0.00	32.99 0.80 0.00
LWR___OSWEGATCHIE_HYD 23850	19.21 -0.58 3.29	24.26 -0.37 0.00	22.38 -0.39 0.00	19.94 -0.40 0.00	21.08 -0.36 0.00	24.16 -0.32 0.00	28.49 -0.36 0.00	27.61 -0.34 0.00	24.75 -0.47 0.00	24.09 -0.47 0.00	24.70 -0.55 0.00	23.43 -0.59 0.00	17.09 -0.84 18.64	17.79 -1.15 30.22	17.86 -1.05 30.22	19.41 -0.93 20.31	22.25 -1.19 23.84	130.78 -2.95 4.25	45.65 -1.22 6.74	36.85 -0.33 0.00	40.70 -0.40 0.00	39.17 -0.17 0.00	33.65 -0.20 0.00	31.88 -0.31 0.00
LYONS_FALL_HYD 23570	19.25 -0.21 3.63	24.54 -0.09 0.00	22.74 -0.03 0.00	20.26 -0.08 0.00	21.47 0.03 0.00	24.61 0.13 0.00	29.10 0.24 0.00	28.17 0.22 0.00	25.26 0.04 0.00	24.55 -0.01 0.00	25.16 -0.09 0.00	23.82 -0.21 0.00	15.73 -0.27 20.58	15.46 -0.38 33.33	15.48 -0.32 33.33	18.01 -0.26 22.38	20.79 -0.24 26.26	133.25 -0.05 4.68	46.36 0.18 7.42	37.57 0.38 0.00	41.56 0.46 0.00	39.86 0.52 0.00	34.21 0.36 0.00	32.36 0.17 0.00
MADISON___COUNTY_LFGE 323628	17.94 0.19 5.34	24.85 0.22 0.00	22.98 0.22 0.00	20.51 0.18 0.00	21.67 0.24 0.00	24.84 0.36 0.00	29.38 0.52 0.00	28.40 0.45 0.00	25.52 0.30 0.00	24.77 0.21 0.00	25.44 0.19 0.00	24.08 0.06 0.00	6.25 0.06 30.39	0.06 0.06 49.17	0.06 0.10 49.17	7.75 0.08 32.97	8.90 0.28 38.67	132.46 1.37 6.89	43.49 0.73 10.84	37.79 0.61 0.00	41.83 0.73 0.00	40.05 0.71 0.00	34.42 0.56 0.00	32.60 0.41 0.00
MALONE___115KV_TB1 356076	22.06 0.07 1.09	24.94 0.32 0.00	22.97 0.20 0.00	20.50 0.16 0.00	21.58 0.14 0.00	24.71 0.24 0.00	29.21 0.36 0.00	28.44 0.49 0.00	25.61 0.39 0.00	24.97 0.42 0.00	25.69 0.44 0.00	24.42 0.40 0.00	30.94 0.56 6.20	39.75 0.62 10.05	39.83 0.74 10.05	34.44 0.54 6.75	39.88 0.51 7.92	138.28 1.72 1.41	51.93 0.56 2.24	37.82 0.64 0.00	41.83 0.74 0.00	40.16 0.82 0.00	34.39 0.54 0.00	32.70 0.51 0.00
MAPLEWOD_115KV_TB3 80458	22.66 0.29 0.71	24.85 0.22 0.00	23.03 0.26 0.00	20.61 0.27 0.00	21.74 0.30 0.00	24.79 0.32 0.00	29.15 0.29 0.00	28.26 0.31 0.00	25.45 0.23 0.00	24.76 0.20 0.00	25.44 0.19 0.00	24.18 0.15 0.00	33.22 0.18 3.54	43.77 0.27 5.67	43.66 0.20 5.67	36.61 0.20 4.24	42.46 0.28 5.11	138.70 1.63 0.91	52.84 0.69 1.45	37.50 0.32 0.00	41.47 0.38 0.00	39.66 0.32 0.00	34.08 0.22 0.00	32.40 0.21 0.00
MAPLE_RIDGE_WT_1 323574	22.01 -0.50 0.57	24.30 -0.33 0.00	22.53 -0.24 0.00	20.07 -0.27 0.00	21.19 -0.24 0.00	24.27 -0.20 0.00	28.63 -0.22 0.00	27.80 -0.15 0.00	25.07 -0.14 0.00	24.50 -0.06 0.00	25.21 -0.04 0.00	23.97 -0.05 0.00	33.26 -0.07 3.24	43.79 -0.14 5.25	43.77 -0.11 5.25	36.96 -0.17 3.52	42.83 -0.34 4.13	136.08 -1.16 0.74	52.06 -0.37 1.17	37.05 -0.14 0.00	40.92 -0.18 0.00	39.18 -0.17 0.00	33.69 -0.17 0.00	32.06 -0.13 0.00
MAPLE_RIDGE_WT_2 323611	22.01 -0.50 0.57	24.30 -0.33 0.00	22.53 -0.24 0.00	20.07 -0.27 0.00	21.19 -0.24 0.00	24.27 -0.20 0.00	28.63 -0.22 0.00	27.80 -0.15 0.00	25.07 -0.14 0.00	24.50 -0.06 0.00	25.21 -0.04 0.00	23.97 -0.05 0.00	33.26 -0.07 3.24	43.79 -0.14 5.25	43.77 -0.11 5.25	36.96 -0.17 3.52	42.83 -0.34 4.13	136.08 -1.16 0.74	52.06 -0.37 1.17	37.05 -0.14 0.00	40.92 -0.18 0.00	39.18 -0.17 0.00	33.69 -0.17 0.00	32.06 -0.13 0.00
MARBLE_RIVER_WT_PWR 323696	22.34 -0.01 0.73	24.85 0.22 0.00	22.90 0.13 0.00	20.46 0.12 0.00	21.54 0.10 0.00	24.65 0.18 0.00	29.13 0.27 0.00	28.37 0.42 0.00	25.54 0.32 0.00	24.92 0.36 0.00	25.63 0.38 0.00	24.37 0.34 0.00	32.95 0.52 4.15	43.10 0.66 6.73	43.10 0.70 6.73	36.63 0.50 4.52	42.49 0.50 5.31	138.76 1.73 0.95	52.60 0.50 1.50	37.68 0.49 0.00	41.68 0.58 0.00	39.98 0.64 0.00	34.23 0.37 0.00	32.59 0.40 0.00
MARSHVLE_115KV_TB1 80742	22.89 0.92 1.12	25.64 1.01 0.00	23.69 0.92 0.00	21.14 0.80 0.00	22.30 0.86 0.00	25.54 1.07 0.00	30.12 1.27 0.00	29.85 1.91 0.00	26.59 1.38 0.00	25.52 0.96 0.00	26.06 0.81 0.00	24.75 0.73 0.00	34.34 1.01 3.25	45.46 1.48 5.20	45.56 1.63 5.20	34.98 0.87 6.55	40.47 1.27 8.10	140.86 4.32 1.44	53.27 1.96 2.29	38.79 1.60 0.00	43.01 1.92 0.00	41.33 1.99 0.00	35.53 1.67 0.00	33.75 1.56 0.00
MARSH_HILL_WT_PWR 323713	16.21 -1.29 5.58	23.38 -1.25 0.00	21.63 -1.13 0.00	19.41 -0.93 0.00	20.53 -0.91 0.00	23.72 -0.75 0.00	28.07 -0.78 0.00	26.77 -1.18 0.00	23.88 -1.34 0.00	23.25 -1.31 0.00	23.71 -1.54 0.00	22.36 -1.67 0.00	0.83 -2.06 33.69	-6.18 -2.66 52.70	-6.02 -2.45 52.70	3.26 -2.55 34.85	3.47 -3.30 40.52	146.39 -10.00 -18.41	43.06 -3.90 6.64	35.04 -2.14 0.00	38.89 -2.21 0.00	37.46 -1.88 0.00	32.28 -1.57 0.00	30.64 -1.55 0.00
MCINTYRE_115KV_TB2 80467	21.80 0.32 1.61	25.25 0.62 0.00	23.23 0.47 0.00	20.72 0.38 0.00	21.79 0.36 0.00	24.95 0.48 0.00	29.42 0.57 0.00	28.51 0.56 0.00	25.59 0.37 0.00	24.87 0.31 0.00	25.53 0.28 0.00	24.30 0.27 0.00	27.88 0.42 9.11	35.00 0.59 14.77	35.10 0.74 14.77	31.21 0.48 9.92	36.07 0.42 11.65	137.25 1.35 2.07	50.54 0.23 3.29	37.91 0.73 0.00	42.02 0.92 0.00	40.46 1.12 0.00	34.70 0.85 0.00	33.00 0.81 0.00
MECO_____69_KV_BK1 80468	23.22 1.09 0.95	25.76 1.13 0.00	23.82 1.06 0.00	21.27 0.93 0.00	22.45 1.02 0.00	25.72 1.25 0.00	30.33 1.47 0.00	29.60 1.65 0.00	26.33 1.11 0.00	25.32 0.77 0.00	25.86 0.61 0.00	24.49 0.47 0.00	33.76 0.43 3.25	44.82 0.85 5.20	44.80 0.87 5.20	35.75 0.71 5.61	41.81 1.41 6.89	142.05 5.30 1.23	54.08 2.43 1.95	39.13 1.95 0.00	43.41 2.31 0.00	41.56 2.22 0.00	35.66 1.80 0.00	33.83 1.64 0.00
MENANDS___115KV_TB5 355628	22.55 0.18 0.71	24.74 0.11 0.00	22.93 0.16 0.00	20.52 0.18 0.00	21.64 0.21 0.00	24.67 0.20 0.00	28.99 0.14 0.00	28.11 0.16 0.00	25.33 0.11 0.00	24.66 0.10 0.00	25.33 0.09 0.00	24.09 0.06 0.00	33.06 0.04 3.56	43.53 0.06 5.70	43.43 0.00 5.70	36.46 0.06 4.25	42.26 0.09 5.12	138.09 1.02 0.91	52.56 0.41 1.45	37.28 0.09 0.00	41.23 0.13 0.00	39.42 0.08 0.00	33.88 0.03 0.00	32.23 0.04 0.00
MG INDUSTRY___DRP 24185	22.62 0.27 0.73	24.86 0.23 0.00	23.05 0.28 0.00	20.61 0.27 0.00	21.73 0.29 0.00	24.77 0.30 0.00	29.12 0.27 0.00	28.10 0.15 0.00	25.35 0.13 0.00	24.64 0.09 0.00	25.30 0.05 0.00	24.03 0.00 0.00	32.67 -0.02 3.88	42.91 -0.05 6.22	42.77 -0.14 6.22	36.14 -0.01 4.50	42.01 0.07 5.36	138.11 1.08 0.95	52.52 0.42 1.50	37.37 0.19 0.00	41.35 0.26 0.00	39.55 0.21 0.00	34.04 0.18 0.00	32.37 0.18 0.00

MID___OSWEGATCHIE_HYD 23849	19.21 -0.58 3.29	24.26 -0.37 0.00	22.38 -0.39 0.00	19.94 -0.40 0.00	21.08 -0.36 0.00	24.16 -0.32 0.00	28.49 -0.36 0.00	27.61 -0.34 0.00	24.75 -0.47 0.00	24.09 -0.47 0.00	24.70 -0.55 0.00	23.43 -0.59 0.00	17.09 -0.84 18.64	17.79 -1.15 30.22	17.86 -1.05 30.22	19.41 -0.93 20.31	22.25 -1.19 23.84	130.78 -2.95 4.25	45.65 -1.22 6.74	36.85 -0.33 0.00	40.70 -0.40 0.00	39.17 -0.17 0.00	33.65 -0.20 0.00	31.88 -0.31 0.00
MID___RAQUETTE_HYD 23851	21.02 -0.22 1.85	24.66 0.03 0.00	22.70 -0.06 0.00	20.24 -0.09 0.00	21.30 -0.14 0.00	24.37 -0.10 0.00	28.65 -0.20 0.00	27.81 -0.14 0.00	25.03 -0.19 0.00	24.46 -0.09 0.00	25.14 -0.11 0.00	23.95 -0.07 0.00	25.97 -0.14 10.47	31.98 -0.22 16.97	32.02 -0.14 16.97	28.99 -0.25 11.40	33.38 -0.53 13.39	134.15 -1.45 2.38	48.89 -0.93 3.78	37.08 -0.10 0.00	40.90 -0.19 0.00	39.42 0.07 0.00	33.92 0.07 0.00	32.27 0.07 0.00
MILLIKEN___1 23584	15.06 -0.25 7.77	24.39 -0.25 0.00	22.53 -0.23 0.00	20.13 -0.21 0.00	21.26 -0.18 0.00	24.38 -0.10 0.00	28.82 -0.03 0.00	27.79 -0.16 0.00	24.96 -0.26 0.00	24.25 -0.31 0.00	24.84 -0.41 0.00	23.49 -0.53 0.00	-9.79 -0.74 45.63	-25.06 -1.04 73.20	-25.02 -0.96 73.20	-8.67 -0.93 48.39	-10.03 -1.04 56.29	127.16 -2.76 8.05	38.77 -0.88 13.95	36.91 -0.27 0.00	40.93 -0.17 0.00	39.20 -0.14 0.00	33.75 -0.10 0.00	31.95 -0.24 0.00
MILLIKEN___2 23585	15.06 -0.25 7.77	24.39 -0.25 0.00	22.53 -0.23 0.00	20.13 -0.21 0.00	21.26 -0.18 0.00	24.38 -0.10 0.00	28.82 -0.03 0.00	27.79 -0.16 0.00	24.96 -0.26 0.00	24.25 -0.31 0.00	24.84 -0.41 0.00	23.49 -0.53 0.00	-9.79 -0.74 45.63	-25.06 -1.04 73.20	-25.02 -0.96 73.20	-8.67 -0.93 48.39	-10.03 -1.04 56.29	127.16 -2.76 8.05	38.77 -0.88 13.95	36.91 -0.27 0.00	40.93 -0.17 0.00	39.20 -0.14 0.00	33.75 -0.10 0.00	31.95 -0.24 0.00
MILLIKEN___DIESEL 23629	15.06 -0.25 7.77	24.39 -0.25 0.00	22.53 -0.23 0.00	20.13 -0.21 0.00	21.26 -0.18 0.00	24.38 -0.10 0.00	28.82 -0.03 0.00	27.79 -0.16 0.00	24.96 -0.26 0.00	24.25 -0.31 0.00	24.84 -0.41 0.00	23.49 -0.53 0.00	-9.79 -0.74 45.63	-25.06 -1.04 73.20	-25.02 -0.96 73.20	-8.67 -0.93 48.39	-10.03 -1.04 56.29	127.16 -2.76 8.05	38.77 -0.88 13.95	36.91 -0.27 0.00	40.93 -0.17 0.00	39.20 -0.14 0.00	33.75 -0.10 0.00	31.95 -0.24 0.00
MILLSEAT___LFGE 323607	16.63 -1.56 4.89	23.13 -1.50 0.00	21.15 -1.62 0.00	18.81 -1.53 0.00	19.86 -1.57 0.00	22.94 -1.53 0.00	27.12 -1.74 0.00	25.81 -2.14 0.00	23.03 -2.19 0.00	22.36 -2.20 0.00	22.97 -2.27 0.00	21.64 -2.39 0.00	3.90 -2.70 29.97	0.12 -3.34 45.72	0.33 -3.08 45.72	6.78 -3.51 30.36	7.37 -4.50 35.42	112.79 -14.22 10.97	36.78 -5.39 11.43	33.81 -3.38 0.00	37.71 -3.39 0.00	36.52 -2.82 0.00	31.70 -2.16 0.00	30.41 -1.78 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.15 1.08 1.01	25.56 0.93 0.00	23.66 0.89 0.00	21.14 0.80 0.00	22.30 0.86 0.00	25.40 0.92 0.00	30.00 1.14 0.00	29.10 1.15 0.00	26.33 1.11 0.00	25.64 1.09 0.00	26.41 1.16 0.00	25.26 1.23 0.00	32.80 1.71 5.48	42.72 2.33 8.78	42.75 2.40 8.78	36.81 2.28 6.11	42.80 2.82 7.32	144.21 7.53 1.30	54.22 2.69 2.07	38.89 1.71 0.00	42.82 1.73 0.00	40.85 1.51 0.00	35.30 1.44 0.00	33.42 1.23 0.00
MILLWOOD_13_KV_LOAD 356217	23.17 1.10 1.01	25.58 0.95 0.00	23.68 0.92 0.00	21.16 0.82 0.00	22.32 0.89 0.00	25.43 0.95 0.00	30.03 1.18 0.00	29.14 1.19 0.00	26.36 1.15 0.00	25.67 1.12 0.00	26.44 1.19 0.00	25.29 1.26 0.00	32.84 1.74 5.48	42.77 2.38 8.78	42.80 2.45 8.78	36.85 2.32 6.11	42.85 2.88 7.32	144.35 7.68 1.30	54.30 2.77 2.07	38.94 1.76 0.00	42.90 1.81 0.00	40.91 1.57 0.00	35.35 1.49 0.00	33.46 1.27 0.00
MODEL_CITY_ENERGY 24167	15.94 -2.28 4.87	22.37 -2.26 0.00	20.43 -2.33 0.00	18.16 -2.18 0.00	19.15 -2.28 0.00	22.12 -2.36 0.00	26.10 -2.76 0.00	24.84 -3.11 0.00	22.30 -2.92 0.00	21.74 -2.82 0.00	22.38 -2.86 0.00	21.08 -2.95 0.00	3.34 -3.38 29.86	-0.58 -4.14 45.61	-0.33 -3.85 45.62	6.17 -4.23 30.24	6.60 -5.42 35.27	107.91 -17.71 12.36	34.87 -6.96 11.76	32.41 -4.77 0.00	36.07 -5.03 0.00	34.99 -4.35 0.00	30.51 -3.35 0.00	29.38 -2.81 0.00
MODERN_LFGE___ 323580	15.94 -2.28 4.87	22.37 -2.26 0.00	20.43 -2.33 0.00	18.16 -2.18 0.00	19.15 -2.28 0.00	22.12 -2.36 0.00	26.10 -2.76 0.00	24.84 -3.11 0.00	22.30 -2.92 0.00	21.74 -2.82 0.00	22.38 -2.86 0.00	21.08 -2.95 0.00	3.34 -3.38 29.86	-0.58 -4.14 45.61	-0.33 -3.85 45.62	6.17 -4.23 30.24	6.60 -5.42 35.27	107.91 -17.71 12.36	34.87 -6.96 11.76	32.41 -4.77 0.00	36.07 -5.03 0.00	34.99 -4.35 0.00	30.51 -3.35 0.00	29.38 -2.81 0.00
MOHAWK_PAPER___DRP 24187	22.66 0.29 0.71	24.85 0.22 0.00	23.03 0.26 0.00	20.61 0.27 0.00	21.74 0.30 0.00	24.79 0.32 0.00	29.15 0.29 0.00	28.26 0.31 0.00	25.45 0.23 0.00	24.76 0.20 0.00	25.44 0.19 0.00	24.18 0.15 0.00	33.22 0.18 3.54	43.77 0.27 5.67	43.66 0.20 5.67	36.61 0.20 4.24	42.46 0.28 5.11	138.70 1.63 0.91	52.84 0.69 1.45	37.50 0.32 0.00	41.47 0.38 0.00	39.66 0.32 0.00	34.08 0.22 0.00	32.40 0.21 0.00
MOHICAN___35_KV_115KV_LD 80490	23.19 0.79 0.69	25.42 0.79 0.00	23.50 0.74 0.00	21.06 0.72 0.00	22.24 0.81 0.00	25.41 0.94 0.00	29.93 1.07 0.00	29.11 1.16 0.00	26.06 0.85 0.00	25.26 0.70 0.00	25.93 0.69 0.00	24.58 0.55 0.00	34.10 0.84 3.32	45.13 1.27 5.32	45.02 1.20 5.32	37.24 0.71 4.12	43.35 1.03 4.97	142.47 5.37 0.88	54.32 2.13 1.41	38.50 1.32 0.00	42.69 1.60 0.00	40.80 1.46 0.00	34.80 0.95 0.00	33.00 0.81 0.00
MONGAUP___HYD 23641	22.84 0.85 1.09	25.35 0.72 0.00	23.46 0.69 0.00	20.96 0.62 0.00	22.11 0.67 0.00	25.22 0.75 0.00	29.79 0.94 0.00	28.80 0.85 0.00	25.91 0.70 0.00	25.11 0.55 0.00	25.80 0.55 0.00	24.65 0.63 0.00	31.43 0.79 5.94	40.72 1.06 9.51	40.74 1.12 9.51	35.26 1.21 6.59	40.88 1.48 7.90	140.09 3.51 1.41	52.80 1.44 2.23	38.27 1.09 0.00	42.30 1.20 0.00	40.41 1.07 0.00	35.15 1.29 0.00	33.23 1.04 0.00
MONTAUK___DIESEL 23721	23.12 1.04 1.00	25.50 0.86 0.00	23.63 0.87 0.00	21.18 0.84 0.00	22.36 0.92 0.00	25.41 0.94 0.00	30.11 1.26 0.00	29.39 1.44 0.00	26.70 1.48 0.00	26.20 1.64 0.00	27.14 1.89 0.00	24.12 2.19 2.10	31.65 3.39 8.31	42.69 4.68 11.16	44.14 5.09 10.08	42.74 5.00 2.91	32.81 5.63 20.12	138.52 13.06 12.51	57.12 4.25 0.73	35.71 2.88 4.36	47.74 2.94 -3.71	45.89 3.07 -3.47	40.89 2.84 -4.19	32.84 2.21 1.56
MOONROAD_115KV_HARTFLD_TB1-2 355988	16.84 -1.21 5.03	23.53 -1.10 0.00	21.68 -1.09 0.00	19.26 -1.08 0.00	20.23 -1.21 0.00	23.55 -0.92 0.00	27.85 -1.00 0.00	26.93 -1.01 0.00	24.45 -0.77 0.00	23.86 -0.70 0.00	24.47 -0.78 0.00	23.06 -0.97 0.00	5.03 -0.82 30.73	0.79 -1.04 47.34	1.02 -0.85 47.26	7.51 -1.87 31.27	8.25 -2.64 36.41	117.89 -8.18 11.91	37.98 -3.45 12.17	34.57 -2.61 0.00	38.26 -2.83 0.00	37.00 -2.34 0.00	32.08 -1.78 0.00	30.49 -1.70 0.00

MORRIS_RIDGE___SOLAR 323848	16.34 -1.43 5.32	23.26 -1.37 0.00	21.43 -1.34 0.00	19.13 -1.21 0.00	20.24 -1.20 0.00	23.36 -1.11 0.00	27.61 -1.25 0.00	26.30 -1.65 0.00	23.35 -1.87 0.00	22.75 -1.81 0.00	23.28 -1.97 0.00	21.97 -2.06 0.00	1.76 -2.55 32.27	-4.33 -3.32 50.19	-4.15 -3.08 50.21	4.25 -3.13 33.27	4.57 -4.02 38.70	79.82 -12.46 45.69	28.58 -4.82 20.19	34.46 -2.72 0.00	38.28 -2.81 0.00	36.91 -2.43 0.00	31.90 -1.95 0.00	30.40 -1.79 0.00
MORTIMER_115KV_TB3 55949	16.81 -1.34 4.93	23.36 -1.28 0.00	21.43 -1.33 0.00	19.10 -1.24 0.00	20.15 -1.29 0.00	23.18 -1.29 0.00	27.39 -1.46 0.00	26.26 -1.69 0.00	23.62 -1.60 0.00	22.97 -1.59 0.00	23.61 -1.64 0.00	22.33 -1.70 0.00	4.22 -2.17 30.18	0.34 -2.95 45.88	0.52 -2.74 45.88	7.29 -2.84 30.53	8.12 -3.52 35.66	121.53 -10.10 6.35	39.41 -3.83 10.36	34.69 -2.50 0.00	38.53 -2.56 0.00	37.11 -2.23 0.00	32.05 -1.81 0.00	30.63 -1.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.28 1.20 1.01	25.67 1.04 0.00	23.77 1.01 0.00	21.23 0.89 0.00	22.40 0.97 0.00	25.50 1.03 0.00	30.13 1.28 0.00	29.26 1.31 0.00	26.49 1.28 0.00	25.81 1.25 0.00	26.59 1.34 0.00	25.46 1.43 0.00	33.09 1.97 5.45	43.14 2.69 8.73	43.16 2.76 8.73	37.15 2.58 6.08	43.21 3.19 7.28	145.05 8.37 1.30	54.55 3.01 2.06	39.11 1.92 0.00	43.03 1.94 0.00	41.04 1.70 0.00	35.48 1.62 0.00	33.56 1.37 0.00
MUNSVILLE_WIND_PWR 323609	18.14 0.74 5.67	25.44 0.81 0.00	23.45 0.68 0.00	20.99 0.65 0.00	22.12 0.68 0.00	25.53 1.05 0.00	30.35 1.50 0.00	29.44 1.49 0.00	26.50 1.29 0.00	25.90 1.35 0.00	26.51 1.26 0.00	24.98 0.96 0.00	-0.41 1.75 38.74	-10.51 2.33 62.01	-10.55 2.33 62.01	4.82 1.63 37.46	8.18 1.99 41.10	138.68 6.59 5.89	45.86 2.78 10.52	39.41 2.23 0.00	43.72 2.63 0.00	41.89 2.55 0.00	35.85 1.99 0.00	33.80 1.61 0.00
N SALMON___HYD 24042	22.06 0.07 1.09	24.94 0.32 0.00	22.97 0.20 0.00	20.50 0.16 0.00	21.58 0.14 0.00	24.71 0.23 0.00	29.21 0.36 0.00	28.44 0.49 0.00	25.61 0.39 0.00	24.97 0.42 0.00	25.69 0.44 0.00	24.42 0.39 0.00	30.94 0.56 6.20	39.75 0.62 10.05	39.82 0.74 10.05	34.44 0.54 6.75	39.88 0.51 7.92	138.28 1.71 1.41	51.92 0.56 2.24	37.82 0.64 0.00	41.83 0.74 0.00	40.16 0.82 0.00	34.39 0.54 0.00	32.70 0.51 0.00
N.AKRON__115KV_KNAPP 355671	16.58 -1.62 4.88	23.08 -1.55 0.00	21.10 -1.67 0.00	18.76 -1.58 0.00	19.81 -1.63 0.00	22.88 -1.59 0.00	27.04 -1.81 0.00	25.71 -2.24 0.00	22.96 -2.26 0.00	22.33 -2.23 0.00	22.95 -2.30 0.00	21.63 -2.40 0.00	3.98 -2.64 29.96	0.03 -3.44 45.71	0.35 -3.08 45.71	6.83 -3.47 30.34	7.36 -4.54 35.39	112.32 -14.32 11.34	36.64 -5.44 11.52	33.70 -3.49 0.00	37.57 -3.53 0.00	36.39 -2.95 0.00	31.61 -2.25 0.00	30.33 -1.86 0.00
N.E_GEN_SANDY PD 24062	22.67 0.33 0.74	24.91 0.29 0.00	23.10 0.33 0.00	20.71 0.36 0.00	21.86 0.42 0.00	24.93 0.45 0.00	29.13 0.39 0.12	28.43 0.48 0.00	25.54 0.32 0.00	24.84 0.28 0.00	25.52 0.27 0.00	24.24 0.21 0.00	33.05 0.33 3.85	43.59 0.58 6.17	43.19 0.47 6.41	36.06 0.25 4.83	38.93 0.38 8.75	139.39 2.78 1.36	54.51 1.09 0.17	33.40 0.46 4.24	41.36 0.60 0.34	39.45 0.53 0.42	34.15 0.31 0.01	32.47 0.30 0.02
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.20 1.16 1.04	25.64 1.01 0.00	23.72 0.96 0.00	21.19 0.85 0.00	22.36 0.92 0.00	25.47 1.00 0.00	30.10 1.24 0.00	29.19 1.24 0.00	26.40 1.18 0.00	25.72 1.16 0.00	26.49 1.24 0.00	25.34 1.31 0.00	32.76 1.83 5.64	42.66 2.53 9.04	42.71 2.62 9.04	36.83 2.47 6.29	42.86 3.09 7.53	144.97 8.33 1.34	54.42 2.94 2.13	39.05 1.87 0.00	43.00 1.90 0.00	41.01 1.67 0.00	35.43 1.58 0.00	33.55 1.36 0.00
N.QUEENS_27_KV_LOAD 356247	23.36 1.28 1.00	25.71 1.08 0.00	23.85 1.09 0.00	21.29 0.95 0.00	22.46 1.03 0.00	25.53 1.05 0.00	30.14 1.29 0.00	29.35 1.39 0.00	26.64 1.42 0.00	25.86 1.30 0.00	26.66 1.41 0.00	25.57 1.55 0.00	33.07 1.94 5.45	43.25 2.81 8.73	43.71 2.84 8.26	38.02 2.69 5.33	50.05 3.30 0.55	150.77 8.46 -4.33	54.65 3.11 2.06	43.89 1.98 -4.72	43.10 2.00 0.00	41.40 1.75 -0.32	36.11 1.72 -0.53	33.65 1.41 -0.04
N.TROY___115KV_TB1 355778	22.72 0.33 0.69	24.91 0.28 0.00	23.08 0.31 0.00	20.67 0.33 0.00	21.81 0.38 0.00	24.88 0.41 0.00	29.25 0.40 0.00	28.40 0.45 0.00	25.53 0.31 0.00	24.82 0.26 0.00	25.50 0.25 0.00	24.22 0.19 0.00	33.40 0.27 3.44	44.12 0.46 5.51	43.98 0.37 5.51	36.73 0.22 4.13	42.68 0.37 4.98	139.44 2.34 0.89	53.14 0.95 1.41	37.66 0.48 0.00	41.69 0.60 0.00	39.85 0.52 0.00	34.19 0.33 0.00	32.50 0.31 0.00
NARROWS_GT1_1 24228	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NARROWS_GT1_2 24229	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NARROWS_GT1_3 24230	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NARROWS_GT1_4 24231	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NARROWS_GT1_5 24232	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00

NARROWS_GT1_6 24233	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NARROWS_GT1_7 24234	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NARROWS_GT1_8 24235	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NARROWS_GT2_1 24236	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NARROWS_GT2_2 24237	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NARROWS_GT2_3 24238	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NARROWS_GT2_4 24239	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NARROWS_GT2_5 24240	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NARROWS_GT2_6 24241	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NARROWS_GT2_7 24242	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NARROWS_GT2_8 24243	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.33 2.93 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.81 0.52 0.79	25.11 0.47 0.00	23.26 0.49 0.00	20.81 0.47 0.00	22.15 0.71 0.00	25.32 0.84 0.00	29.83 0.98 0.00	28.85 0.90 0.00	25.92 0.70 0.00	25.09 0.54 0.00	25.73 0.48 0.00	24.41 0.38 0.00	32.85 0.53 4.26	43.04 0.68 6.82	42.89 0.57 6.82	36.35 0.59 4.88	42.10 0.58 5.78	139.41 2.45 1.02	53.06 1.07 1.61	37.96 0.77 0.00	42.08 0.99 0.00	40.22 0.87 0.00	34.53 0.67 0.00	32.78 0.59 0.00
NCHELSEA_115KV_TR2 355582	23.25 1.18 1.01	25.69 1.06 0.00	23.77 1.01 0.00	21.24 0.90 0.00	22.41 0.97 0.00	25.54 1.07 0.00	30.18 1.33 0.00	29.27 1.32 0.00	26.44 1.23 0.00	25.73 1.18 0.00	26.49 1.24 0.00	25.31 1.28 0.00	32.88 1.77 5.47	42.84 2.43 8.76	42.88 2.51 8.76	36.88 2.34 6.10	42.93 2.94 7.31	144.77 8.09 1.30	54.56 3.02 2.06	39.16 1.97 0.00	43.15 2.06 0.00	41.16 1.82 0.00	35.52 1.66 0.00	33.62 1.43 0.00
NEG CAPITAL___MECHNVIL 23645	23.07 0.68 0.69	25.29 0.65 0.00	23.40 0.64 0.00	20.95 0.61 0.00	22.13 0.69 0.00	25.26 0.79 0.00	29.76 0.91 0.00	28.87 0.92 0.00	25.93 0.71 0.00	25.18 0.62 0.00	25.87 0.62 0.00	24.55 0.52 0.00	34.00 0.78 3.36	44.91 1.11 5.38	44.80 1.04 5.38	37.29 0.75 4.11	43.40 1.07 4.96	141.58 4.49 0.88	54.03 1.83 1.40	38.32 1.14 0.00	42.43 1.34 0.00	40.55 1.20 0.00	34.74 0.88 0.00	32.98 0.79 0.00
NEG CENTRAL_HIGH_ACRES 23767	15.99 -1.59 5.50	23.07 -1.57 0.00	21.19 -1.58 0.00	18.89 -1.45 0.00	19.94 -1.50 0.00	22.93 -1.54 0.00	27.11 -1.74 0.00	26.02 -1.92 0.00	23.40 -1.82 0.00	22.74 -1.81 0.00	23.35 -1.90 0.00	22.11 -1.92 0.00	0.67 -2.65 33.26	-5.42 -3.47 51.12	-5.27 -3.29 51.12	3.34 -3.23 34.08	3.54 -3.90 39.85	119.76 -11.12 7.10	37.98 -4.16 11.47	34.50 -2.69 0.00	38.31 -2.79 0.00	36.83 -2.51 0.00	31.78 -2.07 0.00	30.32 -1.87 0.00

NEG CENTRAL___DRP 24199	14.10 -0.84 8.15	23.80 -0.83 0.00	21.97 -0.80 0.00	19.61 -0.73 0.00	20.72 -0.72 0.00	23.78 -0.69 0.00	28.08 -0.78 0.00	27.00 -0.95 0.00	24.20 -1.02 0.00	23.48 -1.07 0.00	24.07 -1.18 0.00	22.78 -1.25 0.00	-12.44 -1.71 47.31	-28.48 -2.33 75.32	-28.40 -2.21 75.32	-11.82 -2.08 50.39	-14.21 -2.49 59.02	123.04 -6.87 8.07	34.72 -2.47 16.41	35.83 -1.36 0.00	39.64 -1.45 0.00	38.09 -1.24 0.00	32.84 -1.02 0.00	31.15 -1.04 0.00
NEG CENTRAL___INDECK 23768	17.01 -0.79 5.28	23.95 -0.68 0.00	22.02 -0.75 0.00	19.65 -0.69 0.00	20.78 -0.65 0.00	24.01 -0.47 0.00	28.48 -0.37 0.00	27.17 -0.78 0.00	24.02 -1.20 0.00	23.29 -1.27 0.00	23.86 -1.39 0.00	22.54 -1.49 0.00	2.67 -1.83 32.08	-2.77 -2.33 49.62	-2.66 -2.17 49.62	5.32 -2.42 32.90	5.87 -3.09 38.33	148.57 -8.89 -19.49	44.82 -3.37 5.40	35.57 -1.61 0.00	39.77 -1.33 0.00	38.37 -0.97 0.00	33.04 -0.82 0.00	31.45 -0.74 0.00
NEG CENTRAL___SENECA 23627	15.64 -0.85 6.59	23.81 -0.82 0.00	21.98 -0.78 0.00	19.62 -0.72 0.00	20.73 -0.71 0.00	23.82 -0.65 0.00	28.13 -0.72 0.00	27.01 -0.94 0.00	24.17 -1.04 0.00	23.44 -1.12 0.00	24.01 -1.24 0.00	22.70 -1.32 0.00	-4.26 -1.77 39.07	-14.57 -2.41 61.33	-14.44 -2.23 61.33	-2.40 -2.17 40.88	-3.15 -2.67 47.78	125.94 -7.41 4.63	37.80 -2.62 13.18	35.80 -1.39 0.00	39.59 -1.51 0.00	38.14 -1.20 0.00	32.88 -0.97 0.00	31.20 -0.98 0.00
NEG CENTRAL___STATE_STREET 24147	13.25 -0.62 9.21	24.01 -0.62 0.00	22.17 -0.59 0.00	19.81 -0.53 0.00	20.92 -0.52 0.00	23.99 -0.48 0.00	28.26 -0.59 0.00	27.20 -0.75 0.00	24.42 -0.80 0.00	23.70 -0.86 0.00	24.31 -0.94 0.00	23.02 -1.00 0.00	-17.86 -1.43 53.01	-37.85 -1.96 85.07	-37.79 -1.85 85.07	-18.03 -1.73 56.95	-21.42 -1.99 66.73	120.73 -5.36 11.88	33.00 -1.92 18.68	36.23 -0.96 0.00	40.14 -0.96 0.00	38.39 -0.95 0.00	33.12 -0.74 0.00	31.36 -0.83 0.00
NEG MILLWOOD___DRP 24198	23.29 1.20 1.00	25.70 1.07 0.00	23.79 1.02 0.00	21.25 0.91 0.00	22.42 0.99 0.00	25.56 1.09 0.00	30.21 1.36 0.00	29.32 1.37 0.00	26.50 1.28 0.00	25.80 1.24 0.00	26.55 1.31 0.00	25.38 1.35 0.00	33.06 1.88 5.39	43.10 2.57 8.64	43.14 2.65 8.64	37.08 2.45 6.02	43.13 3.05 7.21	145.07 8.37 1.28	54.66 3.10 2.04	39.20 2.01 0.00	43.19 2.10 0.00	41.18 1.84 0.00	35.54 1.68 0.00	33.63 1.44 0.00
NEG NORTH_FLCN_SEA 23793	22.54 0.20 0.74	25.07 0.44 0.00	23.11 0.34 0.00	20.66 0.32 0.00	21.77 0.34 0.00	24.92 0.44 0.00	29.46 0.61 0.00	28.75 0.80 0.00	25.82 0.60 0.00	25.19 0.64 0.00	25.90 0.65 0.00	24.61 0.58 0.00	33.27 0.92 4.22	43.54 1.22 6.85	43.53 1.25 6.85	36.98 0.93 4.60	42.92 1.02 5.40	140.56 3.54 0.96	53.29 1.21 1.53	38.08 0.90 0.00	42.15 1.06 0.00	40.43 1.09 0.00	34.59 0.73 0.00	32.91 0.72 0.00
NEG NORTH_KES_CHATEGAY 23792	22.26 0.02 0.84	24.88 0.25 0.00	22.91 0.15 0.00	20.47 0.13 0.00	21.55 0.11 0.00	24.67 0.20 0.00	29.15 0.30 0.00	28.37 0.42 0.00	25.54 0.32 0.00	24.92 0.36 0.00	25.64 0.39 0.00	24.35 0.32 0.00	32.31 0.48 4.75	42.05 0.58 7.70	42.05 0.62 7.70	35.94 0.46 5.18	41.68 0.46 6.07	138.53 1.64 1.08	52.42 0.54 1.72	37.72 0.54 0.00	41.76 0.66 0.00	40.04 0.71 0.00	34.28 0.42 0.00	32.63 0.44 0.00
NEG NORTH___ALICE_FALLS 23915	22.53 0.21 0.76	25.08 0.44 0.00	23.11 0.34 0.00	20.64 0.30 0.00	21.75 0.32 0.00	24.91 0.44 0.00	29.47 0.62 0.00	28.75 0.80 0.00	25.84 0.62 0.00	25.20 0.65 0.00	25.90 0.65 0.00	24.62 0.59 0.00	33.20 0.93 4.31	43.39 1.20 6.98	43.35 1.20 6.98	36.88 0.93 4.69	42.82 1.03 5.51	140.56 3.57 0.98	53.33 1.29 1.56	38.15 0.96 0.00	42.20 1.11 0.00	40.47 1.13 0.00	34.61 0.75 0.00	32.92 0.73 0.00
NEG NORTH___LWR_SARANAC 23913	22.53 0.21 0.76	25.08 0.44 0.00	23.11 0.34 0.00	20.64 0.30 0.00	21.75 0.32 0.00	24.91 0.44 0.00	29.47 0.62 0.00	28.75 0.80 0.00	25.84 0.62 0.00	25.20 0.65 0.00	25.90 0.65 0.00	24.62 0.59 0.00	33.20 0.93 4.31	43.39 1.20 6.98	43.35 1.20 6.98	36.88 0.93 4.69	42.82 1.03 5.51	140.56 3.57 0.98	53.33 1.29 1.56	38.15 0.96 0.00	42.20 1.11 0.00	40.47 1.13 0.00	34.61 0.75 0.00	32.92 0.73 0.00
NEG NORTH___PLATTSBURG 23628	22.53 0.21 0.76	25.08 0.44 0.00	23.11 0.34 0.00	20.64 0.30 0.00	21.75 0.32 0.00	24.91 0.43 0.00	29.47 0.62 0.00	28.75 0.80 0.00	25.84 0.62 0.00	25.20 0.65 0.00	25.90 0.65 0.00	24.62 0.59 0.00	33.19 0.92 4.31	43.39 1.20 6.98	43.35 1.20 6.98	36.88 0.93 4.69	42.82 1.03 5.51	140.57 3.57 0.98	53.33 1.29 1.56	38.15 0.96 0.00	42.20 1.11 0.00	40.47 1.13 0.00	34.61 0.75 0.00	32.92 0.73 0.00
NEG WEST_LEA_LOCKPORT 23791	16.13 -2.08 4.88	22.61 -2.02 0.00	20.65 -2.11 0.00	18.36 -1.98 0.00	19.36 -2.08 0.00	22.36 -2.12 0.00	26.39 -2.46 0.00	25.13 -2.82 0.00	22.55 -2.66 0.00	21.98 -2.57 0.00	22.62 -2.63 0.00	21.30 -2.73 0.00	3.56 -3.12 29.90	-0.58 -4.08 45.67	-0.22 -3.67 45.67	6.35 -4.00 30.30	6.80 -5.16 35.34	108.86 -16.48 12.64	35.37 -6.42 11.81	32.81 -4.37 0.00	36.53 -4.57 0.00	35.41 -3.93 0.00	30.83 -3.03 0.00	29.68 -2.51 0.00
NEG WEST___LANCASTR 23811	16.75 -1.32 5.02	23.41 -1.22 0.00	21.46 -1.30 0.00	19.09 -1.25 0.00	20.15 -1.29 0.00	23.24 -1.24 0.00	27.45 -1.41 0.00	26.32 -1.63 0.00	23.68 -1.53 0.00	23.09 -1.47 0.00	23.67 -1.58 0.00	22.33 -1.69 0.00	4.23 -1.72 30.63	-0.32 -2.35 47.15	0.02 -1.96 47.15	7.03 -2.35 31.27	7.76 -3.12 36.41	114.86 -10.33 12.79	37.08 -4.29 12.23	34.27 -2.91 0.00	38.03 -3.07 0.00	36.78 -2.56 0.00	31.94 -1.92 0.00	30.59 -1.60 0.00
NEG_PENN_ALLEGHNY 23528	17.02 -0.39 5.67	24.26 -0.37 0.00	22.46 -0.31 0.00	20.04 -0.30 0.00	21.16 -0.27 0.00	24.23 -0.24 0.00	28.65 -0.21 0.00	27.66 -0.29 0.00	24.92 -0.30 0.00	24.28 -0.27 0.00	24.91 -0.34 0.00	23.62 -0.40 0.00	1.44 -0.49 34.64	-6.87 -0.68 55.36	-6.79 -0.56 55.36	4.18 -0.67 35.79	5.32 -0.88 41.10	128.13 -2.53 7.32	40.69 -1.09 11.82	36.56 -0.62 0.00	40.40 -0.69 0.00	38.78 -0.56 0.00	33.46 -0.40 0.00	31.74 -0.45 0.00
NEG___GEN_MONROE 24207	16.91 -1.25 4.92	23.46 -1.17 0.00	21.51 -1.25 0.00	19.16 -1.18 0.00	20.22 -1.22 0.00	23.29 -1.19 0.00	27.53 -1.32 0.00	26.33 -1.62 0.00	23.69 -1.53 0.00	22.94 -1.61 0.00	23.57 -1.68 0.00	22.29 -1.73 0.00	4.22 -2.19 30.17	0.34 -2.97 45.87	0.54 -2.72 45.87	7.25 -2.89 30.52	8.02 -3.63 35.65	121.11 -10.52 6.35	39.32 -3.92 10.36	34.75 -2.44 0.00	38.66 -2.43 0.00	37.27 -2.06 0.00	32.21 -1.65 0.00	30.78 -1.41 0.00
NEPA___ENERGY 23901	16.75 -1.32 5.02	23.45 -1.19 0.00	21.62 -1.15 0.00	19.23 -1.11 0.00	20.28 -1.15 0.00	23.41 -1.06 0.00	27.65 -1.21 0.00	26.59 -1.36 0.00	24.08 -1.14 0.00	23.49 -1.07 0.00	24.08 -1.17 0.00	22.73 -1.30 0.00	4.60 -1.28 30.69	0.13 -1.74 47.30	0.41 -1.54 47.18	7.36 -2.13 31.16	8.13 -2.89 36.28	116.15 -8.97 12.86	37.21 -4.00 12.39	34.52 -2.67 0.00	38.13 -2.97 0.00	36.89 -2.45 0.00	32.08 -1.77 0.00	30.51 -1.68 0.00

NEVERSINK___HYD 23608	23.20 1.22 1.10	25.76 1.13 0.00	23.83 1.07 0.00	21.29 0.95 0.00	22.46 1.02 0.00	25.62 1.15 0.00	30.29 1.43 0.00	29.34 1.39 0.00	26.47 1.26 0.00	25.71 1.16 0.00	26.40 1.15 0.00	25.14 1.11 0.00	32.13 1.55 5.99	41.78 2.20 9.60	41.82 2.29 9.60	36.14 2.15 6.66	42.09 2.76 7.97	144.49 7.93 1.42	54.48 3.13 2.25	39.32 2.14 0.00	43.37 2.27 0.00	41.37 2.03 0.00	35.68 1.82 0.00	33.77 1.58 0.00
NEWKRMKL_115KV_TB1 55635	22.49 0.11 0.71	24.66 0.03 0.00	22.86 0.09 0.00	20.46 0.12 0.00	21.58 0.14 0.00	24.60 0.12 0.00	28.91 0.06 0.00	28.02 0.06 0.00	25.26 0.04 0.00	24.60 0.05 0.00	25.27 0.02 0.00	24.04 0.01 0.00	32.94 -0.07 3.56	43.35 -0.11 5.71	43.25 -0.17 5.71	36.37 -0.02 4.25	42.14 -0.03 5.12	137.58 0.51 0.91	52.36 0.21 1.45	37.17 -0.02 0.00	41.09 -0.01 0.00	39.28 -0.06 0.00	33.79 -0.07 0.00	32.13 -0.06 0.00
NEWTON___FALLS_HYD 23847	19.21 -0.58 3.29	24.26 -0.37 0.00	22.38 -0.39 0.00	19.94 -0.40 0.00	21.08 -0.36 0.00	24.16 -0.32 0.00	28.49 -0.36 0.00	27.61 -0.34 0.00	24.75 -0.47 0.00	24.09 -0.47 0.00	24.70 -0.55 0.00	23.43 -0.59 0.00	17.09 -0.84 18.64	17.79 -1.15 30.22	17.86 -1.05 30.22	19.41 -0.93 20.31	22.25 -1.19 23.84	130.78 -2.95 4.25	45.65 -1.22 6.74	36.85 -0.33 0.00	40.70 -0.40 0.00	39.17 -0.17 0.00	33.65 -0.20 0.00	31.88 -0.31 0.00
NGRID_A1_DSASP 323792	15.89 -2.36 4.83	22.32 -2.31 0.00	20.38 -2.38 0.00	18.11 -2.23 0.00	19.08 -2.35 0.00	22.02 -2.45 0.00	25.97 -2.88 0.00	24.75 -3.20 0.00	22.29 -2.93 0.00	21.74 -2.82 0.00	22.39 -2.85 0.00	21.09 -2.94 0.00	3.38 -3.54 29.66	-0.47 -4.37 45.27	-0.22 -4.07 45.27	6.08 -4.58 29.99	6.42 -5.91 34.96	107.78 -17.82 12.37	34.75 -7.12 11.73	32.34 -4.85 0.00	35.96 -5.14 0.00	34.87 -4.47 0.00	30.38 -3.47 0.00	29.29 -2.90 0.00
NGRID_A2_DSASP 323793	15.89 -2.36 4.83	22.32 -2.31 0.00	20.38 -2.38 0.00	18.11 -2.23 0.00	19.08 -2.35 0.00	22.02 -2.45 0.00	25.97 -2.88 0.00	24.75 -3.20 0.00	22.29 -2.93 0.00	21.74 -2.82 0.00	22.39 -2.85 0.00	21.09 -2.94 0.00	3.38 -3.54 29.66	-0.47 -4.37 45.27	-0.22 -4.07 45.27	6.08 -4.58 29.99	6.42 -5.91 34.96	107.78 -17.82 12.37	34.75 -7.12 11.73	32.34 -4.85 0.00	35.96 -5.14 0.00	34.87 -4.47 0.00	30.38 -3.47 0.00	29.29 -2.90 0.00
NGRID_A4_DSASP 323807	15.89 -2.36 4.83	22.32 -2.31 0.00	20.38 -2.38 0.00	18.11 -2.23 0.00	19.08 -2.35 0.00	22.02 -2.45 0.00	25.97 -2.88 0.00	24.75 -3.20 0.00	22.29 -2.93 0.00	21.74 -2.82 0.00	22.39 -2.85 0.00	21.09 -2.94 0.00	3.38 -3.54 29.66	-0.47 -4.37 45.27	-0.22 -4.07 45.27	6.08 -4.58 29.99	6.42 -5.91 34.96	107.78 -17.82 12.37	34.75 -7.12 11.73	32.34 -4.85 0.00	35.96 -5.14 0.00	34.87 -4.47 0.00	30.38 -3.47 0.00	29.29 -2.90 0.00
NIAGARA_115E_LBMP 323715	15.83 -2.38 4.86	22.24 -2.39 0.00	20.31 -2.45 0.00	18.05 -2.29 0.00	19.04 -2.39 0.00	21.98 -2.49 0.00	25.93 -2.92 0.00	24.69 -3.26 0.00	22.17 -3.04 0.00	21.62 -2.94 0.00	22.27 -2.98 0.00	20.96 -3.07 0.00	3.23 -3.50 29.84	-0.70 -4.29 45.58	-0.44 -4.00 45.59	6.08 -4.36 30.22	6.49 -5.57 35.24	107.13 -18.39 12.46	34.57 -7.23 11.79	32.20 -4.99 0.00	35.81 -5.29 0.00	34.75 -4.59 0.00	30.33 -3.53 0.00	29.22 -2.97 0.00
NIAGARA_115W_LBMP 323714	15.83 -2.43 4.83	22.25 -2.38 0.00	20.31 -2.46 0.00	18.04 -2.30 0.00	19.02 -2.41 0.00	21.95 -2.53 0.00	25.88 -2.97 0.00	24.66 -3.29 0.00	22.21 -3.01 0.00	21.66 -2.90 0.00	22.32 -2.93 0.00	21.01 -3.01 0.00	3.31 -3.64 29.62	-0.52 -4.49 45.21	-0.27 -4.20 45.21	6.01 -4.69 29.95	6.32 -6.07 34.91	107.41 -18.26 12.30	34.61 -7.28 11.70	32.22 -4.96 0.00	35.83 -5.26 0.00	34.74 -4.60 0.00	30.28 -3.58 0.00	29.19 -3.00 0.00
NIAGARA_230_LBMP 323716	16.05 -2.24 4.79	22.48 -2.15 0.00	20.53 -2.23 0.00	18.25 -2.09 0.00	19.23 -2.20 0.00	22.18 -2.29 0.00	26.17 -2.69 0.00	24.94 -3.01 0.00	22.47 -2.75 0.00	21.91 -2.64 0.00	22.57 -2.68 0.00	21.27 -2.76 0.00	3.74 -3.40 29.44	0.01 -4.30 44.86	0.24 -4.03 44.86	6.59 -4.36 29.70	7.16 -5.50 34.62	109.31 -16.76 11.91	35.37 -6.69 11.54	32.62 -4.57 0.00	36.26 -4.84 0.00	35.13 -4.22 0.00	30.58 -3.28 0.00	29.46 -2.73 0.00
NIAGARA___115KV_198_GIBSON 55903	15.83 -2.43 4.83	22.25 -2.38 0.00	20.31 -2.45 0.00	18.05 -2.29 0.00	19.02 -2.42 0.00	21.95 -2.53 0.00	25.88 -2.97 0.00	24.66 -3.29 0.00	22.21 -3.01 0.00	21.66 -2.90 0.00	22.31 -2.93 0.00	21.01 -3.02 0.00	3.36 -3.60 29.62	-0.71 -4.68 45.21	-0.35 -4.27 45.21	6.00 -4.70 29.95	6.27 -6.12 34.91	107.33 -18.35 12.30	34.64 -7.25 11.70	32.21 -4.97 0.00	35.84 -5.26 0.00	34.75 -4.59 0.00	30.29 -3.57 0.00	29.20 -2.99 0.00
NIAGARA____ 23760	16.04 -2.24 4.80	22.48 -2.15 0.00	20.53 -2.23 0.00	18.25 -2.09 0.00	19.23 -2.20 0.00	22.18 -2.29 0.00	26.17 -2.69 0.00	24.94 -3.01 0.00	22.47 -2.75 0.00	21.91 -2.64 0.00	22.57 -2.68 0.00	21.27 -2.76 0.00	3.68 -3.40 29.50	-0.11 -4.30 44.99	0.12 -4.03 44.99	6.50 -4.36 29.79	7.04 -5.50 34.75	109.10 -16.76 12.11	35.30 -6.69 11.61	32.62 -4.57 0.00	36.26 -4.84 0.00	35.13 -4.22 0.00	30.58 -3.28 0.00	29.46 -2.73 0.00
NINE_MILE_1 23575	6.07 -1.18 15.83	23.41 -1.22 0.00	21.62 -1.14 0.00	19.30 -1.04 0.00	20.37 -1.06 0.00	23.32 -1.16 0.00	27.53 -1.32 0.00	26.57 -1.38 0.00	23.93 -1.29 0.00	23.28 -1.28 0.00	23.91 -1.34 0.00	22.69 -1.34 0.00	-54.48 -1.96 89.09	-98.06 -2.61 144.62	-98.08 -2.58 144.63	-59.13 -2.25 97.52	-70.04 -2.63 114.71	110.09 -7.46 20.43	18.36 -2.83 32.41	35.30 -1.89 0.00	39.05 -2.04 0.00	37.44 -1.90 0.00	32.25 -1.61 0.00	30.64 -1.55 0.00
NINE_MILE_2 23744	6.03 -1.17 15.89	23.41 -1.22 0.00	21.62 -1.14 0.00	19.30 -1.04 0.00	20.37 -1.06 0.00	23.32 -1.16 0.00	27.53 -1.32 0.00	26.57 -1.38 0.00	23.93 -1.29 0.00	23.28 -1.28 0.00	23.91 -1.34 0.00	22.69 -1.34 0.00	-54.75 -1.95 89.37	-98.51 -2.61 145.07	-98.53 -2.58 145.07	-59.44 -2.25 97.83	-70.41 -2.63 115.07	110.02 -7.46 20.49	18.25 -2.83 32.51	35.30 -1.89 0.00	39.05 -2.04 0.00	37.44 -1.90 0.00	32.25 -1.61 0.00	30.64 -1.55 0.00
NM_CAPITAL___DRP 24208	22.51 0.14 0.71	24.69 0.06 0.00	22.89 0.12 0.00	20.48 0.15 0.00	21.61 0.17 0.00	24.63 0.15 0.00	28.94 0.09 0.00	28.06 0.11 0.00	25.28 0.06 0.00	24.61 0.06 0.00	25.29 0.04 0.00	24.06 0.03 0.00	32.96 -0.03 3.58	43.40 -0.04 5.74	43.29 -0.10 5.74	36.38 -0.01 4.26	42.16 0.00 5.13	137.76 0.70 0.91	52.44 0.29 1.45	37.21 0.02 0.00	41.14 0.05 0.00	39.33 -0.01 0.00	33.81 -0.04 0.00	32.17 -0.02 0.00
NM_CENTRAL___DRP 24181	12.57 -0.69 9.82	23.91 -0.72 0.00	22.10 -0.67 0.00	19.72 -0.61 0.00	20.82 -0.61 0.00	23.86 -0.62 0.00	28.20 -0.65 0.00	27.22 -0.73 0.00	24.49 -0.73 0.00	23.82 -0.74 0.00	24.46 -0.79 0.00	23.20 -0.83 0.00	-20.37 -1.21 55.75	-42.69 -1.62 90.25	-42.68 -1.57 90.25	-21.36 -1.42 60.60	-25.44 -1.62 71.12	120.92 -4.39 12.66	31.91 -1.59 20.09	36.16 -1.03 0.00	40.01 -1.08 0.00	38.33 -1.01 0.00	33.00 -0.85 0.00	31.32 -0.88 0.00

NM_FRONTIER___DRP 24179	15.83 -2.43 4.83	22.25 -2.38 0.00	20.31 -2.45 0.00	18.05 -2.29 0.00	19.02 -2.42 0.00	21.95 -2.53 0.00	25.88 -2.97 0.00	24.66 -3.29 0.00	22.21 -3.01 0.00	21.66 -2.90 0.00	22.31 -2.93 0.00	21.01 -3.02 0.00	3.36 -3.60 29.62	-0.71 -4.68 45.21	-0.35 -4.27 45.21	6.00 -4.70 29.95	6.27 -6.12 34.91	107.33 -18.35 12.30	34.64 -7.25 11.70	32.21 -4.97 0.00	35.84 -5.26 0.00	34.75 -4.59 0.00	30.29 -3.57 0.00	29.20 -2.99 0.00
NM_ST_REGIS___HYD 24053	21.26 -0.13 1.69	24.75 0.12 0.00	22.79 0.03 0.00	20.33 -0.01 0.00	21.39 -0.04 0.00	24.48 0.00 0.00	28.83 -0.03 0.00	28.00 0.05 0.00	25.20 -0.02 0.00	24.61 0.05 0.00	25.30 0.05 0.00	24.08 0.06 0.00	27.05 0.06 9.59	33.64 0.02 15.55	33.70 0.11 15.55	30.18 -0.02 10.45	34.81 -0.22 12.26	135.24 -0.56 2.18	49.63 -0.50 3.46	37.31 0.12 0.00	41.20 0.10 0.00	39.66 0.32 0.00	34.08 0.22 0.00	32.40 0.21 0.00
NORTHPORT___1 23551	23.42 1.34 1.00	25.89 1.26 0.00	23.93 1.17 0.00	21.35 1.02 0.00	22.55 1.12 0.00	25.74 1.27 0.00	30.38 1.52 0.00	29.37 1.42 0.00	26.55 1.33 0.00	25.85 1.29 0.00	26.78 1.53 0.00	23.32 1.71 2.41	30.19 2.36 8.74	40.58 2.93 11.52	41.65 3.10 10.58	39.84 3.03 3.84	30.51 3.55 20.33	134.37 8.94 12.55	55.87 3.34 1.06	34.27 2.33 5.23	46.47 2.36 -3.01	44.34 2.29 -2.71	39.23 2.16 -3.22	31.86 1.91 2.24
NORTHPORT___2 23552	23.42 1.34 1.00	25.89 1.26 0.00	23.93 1.17 0.00	21.35 1.02 0.00	22.55 1.12 0.00	25.74 1.27 0.00	30.38 1.52 0.00	29.37 1.42 0.00	26.55 1.33 0.00	25.85 1.29 0.00	26.78 1.53 0.00	23.32 1.71 2.41	30.19 2.36 8.74	40.58 2.93 11.52	41.65 3.10 10.58	39.84 3.03 3.84	30.51 3.55 20.33	134.37 8.94 12.55	55.87 3.34 1.06	34.27 2.33 5.23	46.47 2.36 -3.01	44.34 2.29 -2.71	39.23 2.16 -3.22	31.86 1.91 2.24
NORTHPORT___3 23553	23.36 1.28 1.00	25.85 1.22 0.00	23.88 1.12 0.00	21.32 0.98 0.00	22.51 1.07 0.00	25.67 1.20 0.00	30.25 1.40 0.00	29.25 1.30 0.00	26.42 1.21 0.00	25.77 1.21 0.00	26.74 1.49 0.00	23.37 1.65 2.30	30.28 2.29 8.59	40.58 2.80 11.39	41.67 2.94 10.40	40.02 2.82 3.45	30.00 3.30 20.59	133.50 8.35 12.83	55.78 3.09 0.91	34.26 2.14 5.06	46.57 2.14 -3.34	44.47 2.08 -3.06	39.52 2.01 -3.65	32.01 1.79 1.97
NORTHPORT___4 23650	23.36 1.28 1.00	25.85 1.22 0.00	23.88 1.12 0.00	21.32 0.98 0.00	22.51 1.07 0.00	25.67 1.20 0.00	30.25 1.40 0.00	29.25 1.30 0.00	26.42 1.21 0.00	25.77 1.21 0.00	26.74 1.49 0.00	23.37 1.65 2.30	30.28 2.29 8.59	40.58 2.80 11.39	41.67 2.94 10.40	40.02 2.82 3.45	30.00 3.30 20.59	133.50 8.35 12.83	55.78 3.09 0.91	34.26 2.14 5.06	46.57 2.14 -3.34	44.47 2.08 -3.06	39.52 2.01 -3.65	32.01 1.79 1.97
NORTHPORT___IC 23718	23.42 1.34 1.00	25.89 1.26 0.00	23.93 1.17 0.00	21.35 1.02 0.00	22.56 1.12 0.00	25.74 1.27 0.00	30.38 1.52 0.00	29.37 1.42 0.00	26.55 1.33 0.00	25.85 1.29 0.00	26.78 1.53 0.00	23.32 1.70 2.41	30.17 2.34 8.74	40.61 2.95 11.52	41.65 3.10 10.58	39.84 3.03 3.84	30.52 3.56 20.33	134.38 8.96 12.55	55.85 3.31 1.06	34.28 2.33 5.23	46.47 2.36 -3.01	44.35 2.30 -2.71	39.22 2.15 -3.22	31.86 1.91 2.24
NORTH___COUNTRY_ESR 323785	22.21 -0.03 0.84	24.83 0.20 0.00	22.87 0.10 0.00	20.43 0.09 0.00	21.50 0.07 0.00	24.61 0.13 0.00	29.09 0.24 0.00	28.32 0.37 0.00	25.51 0.29 0.00	24.90 0.34 0.00	25.62 0.36 0.00	24.35 0.32 0.00	32.29 0.48 4.76	42.02 0.57 7.72	42.03 0.62 7.72	35.91 0.45 5.19	41.63 0.42 6.09	138.35 1.45 1.09	52.29 0.41 1.72	37.63 0.44 0.00	41.63 0.53 0.00	39.92 0.58 0.00	34.19 0.33 0.00	32.56 0.37 0.00
NPX_GEN_1385_PROXY 323591	23.42 1.34 1.00	25.89 1.26 0.00	23.93 1.17 0.00	21.35 1.02 0.00	22.55 1.12 0.00	25.74 1.26 0.00	30.37 1.52 0.00	29.36 1.41 0.00	26.55 1.33 0.00	25.88 1.33 0.00	26.78 1.53 0.00	23.32 1.71 2.41	30.18 2.35 8.74	40.45 2.80 11.52	41.47 2.92 10.58	26.87 2.89 16.66	30.34 3.38 20.33	133.95 8.52 12.55	52.85 3.18 3.92	34.16 2.21 5.23	46.34 2.24 -3.01	44.23 2.18 -2.71	39.11 2.04 -3.22	31.85 1.90 2.24
NPX_GEN_CSC 323557	23.65 1.57 1.00	26.09 1.45 0.00	24.11 1.35 0.00	21.53 1.19 0.00	22.75 1.31 0.00	25.97 1.49 0.00	30.68 1.83 0.00	29.68 1.73 0.00	26.83 1.62 0.00	26.09 1.53 0.00	26.95 1.70 0.00	23.81 1.89 2.11	30.89 2.64 8.32	41.36 3.35 11.17	42.75 3.71 10.09	41.62 3.91 2.93	31.78 4.63 20.14	136.73 11.28 12.53	54.27 4.27 3.60	35.70 2.91 4.40	47.85 3.06 -3.69	45.79 3.00 -3.45	40.72 2.70 -4.16	32.93 2.32 1.58
NSINS_S_GLNS_FALLS 23858	23.20 0.80 0.69	25.42 0.79 0.00	23.50 0.74 0.00	21.06 0.72 0.00	22.24 0.81 0.00	25.41 0.94 0.00	29.93 1.08 0.00	29.11 1.16 0.00	26.07 0.85 0.00	25.27 0.72 0.00	25.95 0.70 0.00	24.60 0.57 0.00	34.12 0.86 3.31	45.14 1.28 5.31	45.04 1.21 5.31	37.27 0.74 4.12	43.41 1.08 4.97	142.51 5.42 0.88	54.33 2.13 1.41	38.51 1.33 0.00	42.69 1.60 0.00	40.79 1.45 0.00	34.82 0.96 0.00	33.02 0.83 0.00
NUCOR_STEEL___DRP 24197	12.92 -0.63 9.53	23.99 -0.64 0.00	22.16 -0.60 0.00	19.80 -0.54 0.00	20.91 -0.53 0.00	23.98 -0.49 0.00	28.23 -0.63 0.00	27.17 -0.78 0.00	24.40 -0.82 0.00	23.68 -0.88 0.00	24.30 -0.95 0.00	23.02 -1.01 0.00	-19.57 -1.44 54.70	-40.71 -1.96 87.92	-40.67 -1.88 87.92	-20.00 -1.74 58.91	-23.75 -2.00 69.05	120.31 -5.37 12.30	32.36 -1.93 19.31	36.20 -0.98 0.00	40.11 -0.98 0.00	38.34 -0.98 0.00	33.09 -0.77 0.00	31.32 -0.87 0.00
NUMBER_THREE_WT_PWR 323818	18.34 -0.54 4.20	24.30 -0.33 0.00	22.54 -0.23 0.00	20.06 -0.28 0.00	21.29 -0.14 0.00	24.45 -0.03 0.00	28.92 0.07 0.00	28.00 0.05 0.00	25.04 -0.18 0.00	24.32 -0.24 0.00	24.90 -0.35 0.00	23.55 -0.48 0.00	12.15 -0.62 23.80	9.74 -0.87 38.57	9.79 -0.77 38.57	14.10 -0.64 25.91	16.11 -0.77 30.42	131.15 -1.41 5.42	44.70 -0.30 8.59	37.38 0.20 0.00	41.35 0.26 0.00	39.74 0.40 0.00	34.08 0.23 0.00	32.19 0.00 0.00
NYISO_LBMP_REFERENCE 24008	23.08 0.00 0.00	24.63 0.00 0.00	22.76 0.00 0.00	20.34 0.00 0.00	21.43 0.00 0.00	24.47 0.00 0.00	28.85 0.00 0.00	27.95 0.00 0.00	25.22 0.00 0.00	24.56 0.00 0.00	25.25 0.00 0.00	24.03 0.00 0.00	36.58 0.00 0.00	49.17 0.00 0.00	49.13 0.00 0.00	40.65 0.00 0.00	47.29 0.00 0.00	137.98 0.00 0.00	53.60 0.00 0.00	37.18 0.00 0.00	41.10 0.00 0.00	39.34 0.00 0.00	33.86 0.00 0.00	32.19 0.00 0.00
NYPA_BRENTWD____GT 24164	23.66 1.58 1.00	26.13 1.50 0.00	24.14 1.37 0.00	21.54 1.20 0.00	22.75 1.31 0.00	25.98 1.51 0.00	30.65 1.80 0.00	29.62 1.67 0.00	26.81 1.59 0.00	26.08 1.53 0.00	26.99 1.74 0.00	24.26 1.89 1.66	31.51 2.64 7.71	41.85 3.33 10.65	43.41 3.59 9.31	42.65 3.52 1.52	32.65 4.21 18.86	137.29 10.95 11.64	57.48 4.14 0.26	37.61 2.86 2.43	48.78 2.99 -4.70	46.82 2.88 -4.60	42.12 2.62 -5.65	33.88 2.29 0.60

NYPA_GOWANUS____GT5 24156	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.32 2.92 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NYPA_GOWANUS____GT6 24157	23.44 1.36 1.00	25.83 1.20 0.00	23.96 1.19 0.00	21.40 1.07 0.00	22.58 1.14 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.49 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.23 2.10 5.45	43.28 2.84 8.73	43.32 2.92 8.73	37.31 2.74 6.08	43.45 3.44 7.28	145.60 8.92 1.30	54.71 3.17 2.06	39.55 2.04 -0.31	43.16 2.06 0.00	43.32 1.82 -2.16	40.55 1.76 -4.92	33.69 1.49 0.00
NYPA_HARLEM__RVR__GT1 24160	23.32 1.24 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.50 1.03 0.00	30.11 1.26 0.00	29.31 1.36 0.00	26.61 1.39 0.00	25.81 1.26 0.00	26.61 1.36 0.00	25.51 1.49 0.00	33.03 1.91 5.45	43.11 2.67 8.73	43.14 2.74 8.73	37.19 2.62 6.08	43.23 3.22 7.28	144.88 8.20 1.30	54.58 3.04 2.06	39.10 1.91 0.00	43.04 1.95 0.00	41.03 1.69 0.00	35.51 1.66 0.00	33.56 1.37 0.00
NYPA_HARLEM__RVR__GT2 24161	23.32 1.24 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.50 1.03 0.00	30.11 1.26 0.00	29.31 1.36 0.00	26.61 1.39 0.00	25.81 1.26 0.00	26.61 1.36 0.00	25.51 1.49 0.00	33.03 1.91 5.45	43.11 2.67 8.73	43.14 2.74 8.73	37.19 2.62 6.08	43.23 3.22 7.28	144.88 8.20 1.30	54.58 3.04 2.06	39.10 1.91 0.00	43.04 1.95 0.00	41.03 1.69 0.00	35.51 1.66 0.00	33.56 1.37 0.00
NYPA_KENT____GT 24152	23.41 1.33 1.00	25.78 1.15 0.00	23.91 1.14 0.00	21.36 1.02 0.00	22.53 1.10 0.00	25.63 1.16 0.00	30.29 1.43 0.00	29.44 1.49 0.00	26.65 1.43 0.00	25.90 1.34 0.00	26.67 1.42 0.00	25.55 1.52 0.00	33.22 2.09 5.45	43.27 2.84 8.73	43.32 2.92 8.73	37.31 2.74 6.08	43.42 3.41 7.28	145.49 8.81 1.30	54.71 3.17 2.06	39.41 2.03 -0.19	43.14 2.05 0.00	42.44 1.80 -1.31	38.57 1.73 -2.98	33.65 1.46 0.00
NYPA_POUCH1____GT 24155	23.46 1.38 1.00	25.87 1.24 0.00	24.04 1.27 0.00	21.50 1.15 0.00	22.68 1.24 0.00	25.80 1.32 -0.01	30.45 1.60 0.00	29.55 1.59 0.00	26.66 1.45 0.00	25.87 1.32 0.00	26.63 1.38 0.00	25.51 1.48 0.00	33.16 2.04 5.45	43.20 2.76 8.73	43.26 2.86 8.73	37.24 2.67 6.08	43.40 3.38 7.28	145.35 8.67 1.30	54.63 3.09 2.06	39.49 2.00 -0.31	43.10 2.01 0.00	43.26 1.76 -2.16	40.50 1.72 -4.92	33.68 1.48 0.00
NYPA_VERNON____GT2 24162	23.36 1.28 1.00	25.74 1.11 0.00	23.86 1.09 0.00	21.31 0.97 0.00	22.49 1.05 0.00	25.57 1.10 0.00	30.22 1.37 0.00	29.38 1.43 0.00	26.62 1.40 0.00	25.89 1.34 0.00	26.67 1.42 0.00	25.55 1.52 0.00	33.21 2.08 5.45	43.27 2.83 8.73	43.32 2.92 8.73	37.30 2.73 6.08	43.40 3.38 7.28	145.46 8.78 1.30	54.71 3.17 2.06	39.26 2.01 -0.07	43.12 2.02 0.00	41.57 1.78 -0.46	36.59 1.70 -1.04	33.62 1.43 0.00
NYPA_VERNON____GT3 24163	23.36 1.28 1.00	25.74 1.11 0.00	23.86 1.09 0.00	21.31 0.97 0.00	22.49 1.05 0.00	25.57 1.10 0.00	30.22 1.37 0.00	29.38 1.43 0.00	26.62 1.40 0.00	25.89 1.34 0.00	26.67 1.42 0.00	25.55 1.52 0.00	33.21 2.08 5.45	43.27 2.83 8.73	43.32 2.92 8.73	37.30 2.73 6.08	43.40 3.38 7.28	145.46 8.78 1.30	54.71 3.17 2.06	39.26 2.01 -0.07	43.12 2.02 0.00	41.57 1.78 -0.46	36.59 1.70 -1.04	33.62 1.43 0.00
NYPA____ASTORIA_CC1 323568	23.33 1.25 1.00	25.69 1.06 0.00	23.83 1.06 0.00	21.29 0.95 0.00	22.46 1.02 0.00	25.53 1.05 0.00	30.17 1.32 0.00	29.33 1.38 0.00	26.58 1.36 0.00	25.85 1.29 0.00	26.62 1.37 0.00	25.51 1.48 0.00	33.13 2.00 5.45	43.18 2.74 8.73	43.22 2.83 8.73	37.22 2.66 6.08	43.31 3.29 7.28	145.22 8.53 1.30	54.61 3.07 2.06	39.13 1.95 0.00	43.06 1.97 0.00	41.05 1.71 0.00	35.50 1.64 0.00	33.57 1.38 0.00
NYPA____ASTORIA_CC2 323569	23.33 1.25 1.00	25.69 1.06 0.00	23.83 1.06 0.00	21.29 0.95 0.00	22.46 1.02 0.00	25.53 1.05 0.00	30.17 1.32 0.00	29.33 1.38 0.00	26.58 1.36 0.00	25.85 1.29 0.00	26.62 1.37 0.00	25.51 1.48 0.00	33.13 2.00 5.45	43.18 2.74 8.73	43.22 2.83 8.73	37.22 2.66 6.08	43.31 3.29 7.28	145.22 8.53 1.30	54.61 3.07 2.06	39.13 1.95 0.00	43.06 1.97 0.00	41.05 1.71 0.00	35.50 1.64 0.00	33.57 1.38 0.00
NYPA____HOLTSVILL 23794	23.55 1.48 1.00	26.01 1.38 0.00	24.04 1.28 0.00	21.46 1.12 0.00	22.66 1.22 0.00	25.87 1.40 0.00	30.54 1.69 0.00	29.54 1.59 0.00	26.71 1.49 0.00	25.98 1.43 0.00	26.88 1.63 0.00	23.68 1.80 2.14	30.70 2.49 8.37	41.09 3.13 11.21	42.38 3.40 10.15	41.04 3.43 3.05	31.17 4.10 20.22	135.82 10.42 12.58	56.75 3.93 0.77	35.36 2.69 4.52	47.51 2.79 -3.62	45.45 2.73 -3.38	40.41 2.49 -4.06	32.70 2.16 1.65
NYPA____HELLGATE_GT1 24158	23.32 1.24 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.50 1.03 0.00	30.11 1.26 0.00	29.31 1.36 0.00	26.61 1.39 0.00	25.81 1.26 0.00	26.61 1.36 0.00	25.51 1.49 0.00	33.03 1.91 5.45	43.11 2.67 8.73	43.14 2.74 8.73	37.19 2.62 6.08	43.23 3.22 7.28	144.88 8.20 1.30	54.58 3.04 2.06	39.10 1.91 0.00	43.04 1.95 0.00	41.03 1.69 0.00	35.51 1.66 0.00	33.56 1.37 0.00
NYPA____HELLGATE_GT2 24159	23.32 1.24 1.00	25.67 1.04 0.00	23.83 1.06 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.50 1.03 0.00	30.11 1.26 0.00	29.31 1.36 0.00	26.61 1.39 0.00	25.81 1.26 0.00	26.61 1.36 0.00	25.51 1.49 0.00	33.03 1.91 5.45	43.11 2.67 8.73	43.14 2.74 8.73	37.19 2.62 6.08	43.23 3.22 7.28	144.88 8.20 1.30	54.58 3.04 2.06	39.10 1.91 0.00	43.04 1.95 0.00	41.03 1.69 0.00	35.51 1.66 0.00	33.56 1.37 0.00
NYS_BARGE____HYD 23848	16.14 -2.07 4.88	22.60 -2.04 0.00	20.64 -2.13 0.00	18.35 -1.99 0.00	19.35 -2.08 0.00	22.35 -2.12 0.00	26.39 -2.47 0.00	25.12 -2.83 0.00	22.53 -2.69 0.00	21.96 -2.60 0.00	22.60 -2.65 0.00	21.28 -2.75 0.00	3.54 -3.13 29.91	-0.35 -3.85 45.67	-0.10 -3.56 45.68	6.37 -3.98 30.30	6.84 -5.11 35.34	109.35 -16.49 12.14	35.43 -6.47 11.71	32.80 -4.38 0.00	36.52 -4.58 0.00	35.41 -3.93 0.00	30.84 -3.02 0.00	29.68 -2.51 0.00
OAK ORCHARD____HYD 24046	16.82 -1.34 4.93	23.36 -1.27 0.00	21.44 -1.33 0.00	19.09 -1.24 0.00	20.14 -1.29 0.00	23.18 -1.29 0.00	27.39 -1.46 0.00	26.26 -1.69 0.00	23.62 -1.60 0.00	22.97 -1.59 0.00	23.61 -1.64 0.00	22.33 -1.70 0.00	4.21 -2.19 30.18	0.46 -2.84 45.88	0.58 -2.68 45.88	7.29 -2.83 30.53	8.15 -3.49 35.66	121.56 -10.06 6.35	39.41 -3.83 10.36	34.69 -2.49 0.00	38.52 -2.57 0.00	37.11 -2.24 0.00	32.05 -1.81 0.00	30.63 -1.56 0.00

OAKDALE___35_KV_LOAD 356122	17.06 -0.40 5.62	24.24 -0.39 0.00	22.44 -0.32 0.00	20.03 -0.31 0.00	21.15 -0.29 0.00	24.20 -0.27 0.00	28.60 -0.26 0.00	27.63 -0.32 0.00	24.90 -0.32 0.00	24.27 -0.29 0.00	24.90 -0.35 0.00	23.62 -0.40 0.00	1.44 -0.45 34.68	-6.87 -0.66 55.38	-6.79 -0.54 55.38	4.40 -0.66 35.58	5.74 -0.86 40.70	128.15 -2.58 7.24	40.69 -1.13 11.78	36.53 -0.66 0.00	40.35 -0.75 0.00	38.73 -0.62 0.00	33.43 -0.42 0.00	31.70 -0.49 0.00
OCC_CHEM___DRP 24175	15.88 -2.37 4.83	22.32 -2.31 0.00	20.38 -2.38 0.00	18.11 -2.23 0.00	19.08 -2.35 0.00	22.02 -2.45 0.00	25.97 -2.88 0.00	24.75 -3.20 0.00	22.29 -2.93 0.00	21.74 -2.82 0.00	22.39 -2.85 0.00	21.09 -2.94 0.00	3.41 -3.50 29.66	-0.66 -4.57 45.27	-0.30 -4.16 45.27	6.08 -4.58 29.99	6.38 -5.95 34.96	107.70 -17.91 12.37	34.78 -7.08 11.73	32.33 -4.85 0.00	35.96 -5.13 0.00	34.88 -4.46 0.00	30.39 -3.47 0.00	29.29 -2.89 0.00
OH_GEN_PROXY 24063	16.11 -2.19 4.78	22.54 -2.09 0.00	20.60 -2.17 0.00	18.31 -2.03 0.00	19.30 -2.14 0.00	22.25 -2.22 0.00	26.25 -2.60 0.00	25.04 -2.91 0.00	22.57 -2.65 0.00	22.01 -2.55 0.00	22.67 -2.58 0.00	21.37 -2.66 0.00	3.89 -3.28 29.41	0.15 -4.19 44.83	0.40 -3.90 44.82	6.74 -4.23 29.68	7.37 -5.33 34.59	110.42 -16.16 11.39	32.85 -6.48 14.27	32.76 -4.42 0.00	36.40 -4.69 0.00	35.26 -4.08 0.00	30.66 -3.20 0.00	29.52 -2.67 0.00
OLIN_CORP_DRP 24177	15.87 -2.34 4.87	22.30 -2.33 0.00	20.37 -2.40 0.00	18.11 -2.23 0.00	19.09 -2.35 0.00	22.04 -2.43 0.00	26.00 -2.85 0.00	24.75 -3.19 0.00	22.24 -2.97 0.00	21.68 -2.87 0.00	22.34 -2.91 0.00	21.03 -3.00 0.00	3.30 -3.42 29.85	-0.87 -4.43 45.62	-0.52 -4.02 45.63	6.09 -4.32 30.24	6.49 -5.55 35.26	107.32 -18.09 12.57	34.71 -7.05 11.83	32.29 -4.89 0.00	35.94 -5.16 0.00	34.86 -4.48 0.00	30.41 -3.45 0.00	29.29 -2.90 0.00
OLIN_CORP_DSASP 323712	15.89 -2.36 4.83	22.32 -2.31 0.00	20.38 -2.38 0.00	18.11 -2.23 0.00	19.08 -2.35 0.00	22.02 -2.45 0.00	25.97 -2.88 0.00	24.75 -3.20 0.00	22.29 -2.93 0.00	21.74 -2.82 0.00	22.39 -2.85 0.00	21.09 -2.94 0.00	3.38 -3.54 29.66	-0.47 -4.37 45.27	-0.22 -4.07 45.27	6.08 -4.58 29.99	6.42 -5.91 34.96	107.78 -17.82 12.37	34.75 -7.12 11.73	32.34 -4.85 0.00	35.96 -5.14 0.00	34.87 -4.47 0.00	30.38 -3.47 0.00	29.29 -2.90 0.00
ONEIDA_HERK_LFGE 323681	19.83 -0.02 3.23	24.69 0.06 0.00	22.87 0.10 0.00	20.39 0.05 0.00	21.58 0.14 0.00	24.71 0.24 0.00	29.21 0.36 0.00	28.28 0.33 0.00	25.39 0.17 0.00	24.68 0.13 0.00	25.32 0.07 0.00	23.99 -0.04 0.00	18.20 -0.04 18.33	19.40 -0.08 29.69	19.42 -0.03 29.69	20.71 -0.02 19.92	23.99 0.08 23.38	134.61 0.80 4.17	47.47 0.48 6.61	37.69 0.51 0.00	41.70 0.60 0.00	39.95 0.61 0.00	34.31 0.45 0.00	32.48 0.29 0.00
ONEIDA___115KV_TB4 55905	17.94 0.19 5.34	24.85 0.22 0.00	22.98 0.22 0.00	20.51 0.18 0.00	21.67 0.24 0.00	24.84 0.36 0.00	29.38 0.52 0.00	28.40 0.45 0.00	25.52 0.30 0.00	24.77 0.21 0.00	25.44 0.19 0.00	24.08 0.06 0.00	6.25 0.06 30.39	0.06 0.06 49.17	0.06 0.10 49.17	7.75 0.08 32.97	8.90 0.28 38.67	132.46 1.37 6.89	43.49 0.73 10.84	37.79 0.61 0.00	41.83 0.73 0.00	40.05 0.71 0.00	34.42 0.56 0.00	32.60 0.41 0.00
ONONDAGA_REF_OCCRA 23987	12.73 -0.57 9.78	24.04 -0.59 0.00	22.22 -0.54 0.00	19.84 -0.50 0.00	20.95 -0.48 0.00	24.00 -0.48 0.00	28.37 -0.48 0.00	27.39 -0.56 0.00	24.64 -0.58 0.00	23.96 -0.59 0.00	24.59 -0.66 0.00	23.32 -0.71 0.00	-20.17 -1.02 55.73	-42.33 -1.39 90.11	-42.32 -1.34 90.11	-21.00 -1.22 60.43	-24.96 -1.39 70.87	121.68 -3.68 12.62	32.43 -1.31 19.86	36.38 -0.80 0.00	40.25 -0.84 0.00	38.57 -0.77 0.00	33.21 -0.65 0.00	31.49 -0.70 0.00
ONONDAGA___COGEN 23986	11.94 -0.70 10.45	23.91 -0.72 0.00	22.08 -0.69 0.00	19.72 -0.62 0.00	20.82 -0.61 0.00	23.86 -0.61 0.00	28.19 -0.66 0.00	27.19 -0.76 0.00	24.45 -0.77 0.00	23.77 -0.79 0.00	24.41 -0.84 0.00	23.14 -0.88 0.00	-24.13 -1.28 59.43	-48.58 -1.74 96.01	-48.57 -1.68 96.01	-25.35 -1.51 64.48	-30.11 -1.73 75.68	119.89 -4.61 13.48	30.57 -1.65 21.38	36.15 -1.03 0.00	40.01 -1.09 0.00	38.32 -1.02 0.00	33.00 -0.86 0.00	31.30 -0.90 0.00
ONTARIO___LFGE 23819	15.64 -0.85 6.59	23.81 -0.82 0.00	21.98 -0.78 0.00	19.62 -0.72 0.00	20.73 -0.71 0.00	23.82 -0.65 0.00	28.13 -0.72 0.00	27.01 -0.94 0.00	24.17 -1.04 0.00	23.44 -1.11 0.00	24.01 -1.24 0.00	22.71 -1.32 0.00	-4.28 -1.79 39.07	-14.52 -2.35 61.33	-14.42 -2.22 61.33	-2.40 -2.17 40.88	-3.16 -2.68 47.78	125.96 -7.38 4.63	37.79 -2.63 13.18	35.80 -1.38 0.00	39.59 -1.51 0.00	38.14 -1.20 0.00	32.88 -0.98 0.00	31.20 -0.98 0.00
ORANGEVILLE_WT_PWR 323706	16.29 -1.64 5.16	23.05 -1.58 0.00	21.17 -1.59 0.00	18.88 -1.46 0.00	19.96 -1.47 0.00	23.07 -1.41 0.00	27.26 -1.59 0.00	26.00 -1.95 0.00	23.18 -2.04 0.00	22.60 -1.96 0.00	23.15 -2.10 0.00	21.84 -2.19 0.00	2.55 -2.61 31.41	-2.76 -3.36 48.57	-2.55 -3.09 48.60	5.11 -3.25 32.28	5.51 -4.21 37.58	90.62 -13.34 34.02	31.18 -5.33 17.09	33.91 -3.27 0.00	37.67 -3.43 0.00	36.33 -3.01 0.00	31.47 -2.39 0.00	30.06 -2.13 0.00
ORANGEVILLE___ESR 323794	16.29 -1.64 5.16	23.05 -1.58 0.00	21.17 -1.59 0.00	18.88 -1.46 0.00	19.96 -1.47 0.00	23.07 -1.41 0.00	27.26 -1.59 0.00	26.00 -1.95 0.00	23.18 -2.04 0.00	22.60 -1.96 0.00	23.15 -2.10 0.00	21.84 -2.19 0.00	2.55 -2.61 31.41	-2.76 -3.36 48.57	-2.55 -3.09 48.60	5.11 -3.25 32.28	5.51 -4.21 37.58	90.62 -13.34 34.02	31.18 -5.33 17.09	33.91 -3.27 0.00	37.67 -3.43 0.00	36.33 -3.01 0.00	31.47 -2.39 0.00	30.06 -2.13 0.00
OSWEGATCHIE___HYD 24044	19.21 -0.58 3.29	24.26 -0.37 0.00	22.38 -0.39 0.00	19.94 -0.40 0.00	21.08 -0.36 0.00	24.16 -0.32 0.00	28.49 -0.36 0.00	27.61 -0.34 0.00	24.75 -0.47 0.00	24.09 -0.47 0.00	24.70 -0.55 0.00	23.44 -0.59 0.00	17.09 -0.85 18.64	17.79 -1.15 30.22	17.85 -1.05 30.22	19.41 -0.93 20.31	22.25 -1.19 23.84	130.78 -2.95 4.25	45.65 -1.22 6.74	36.85 -0.34 0.00	40.69 -0.40 0.00	39.17 -0.17 0.00	33.66 -0.20 0.00	31.88 -0.31 0.00
OSWEGO___5 23606	6.96 -1.09 15.03	23.49 -1.14 0.00	21.70 -1.07 0.00	19.38 -0.96 0.00	20.45 -0.98 0.00	23.41 -1.06 0.00	27.64 -1.21 0.00	26.67 -1.28 0.00	24.01 -1.20 0.00	23.35 -1.20 0.00	23.99 -1.26 0.00	22.76 -1.27 0.00	-49.60 -1.85 84.33	-90.61 -2.45 137.33	-90.62 -2.42 137.33	-54.06 -2.14 92.57	-64.07 -2.50 108.86	111.55 -7.04 19.39	20.18 -2.65 30.76	35.44 -1.75 0.00	39.20 -1.89 0.00	37.59 -1.75 0.00	32.37 -1.48 0.00	30.75 -1.44 0.00
OSWEGO___6 23613	6.96 -1.09 15.03	23.49 -1.14 0.00	21.70 -1.07 0.00	19.38 -0.96 0.00	20.45 -0.98 0.00	23.41 -1.06 0.00	27.64 -1.21 0.00	26.67 -1.28 0.00	24.01 -1.20 0.00	23.35 -1.20 0.00	23.99 -1.26 0.00	22.76 -1.27 0.00	-49.60 -1.85 84.33	-90.61 -2.45 137.33	-90.62 -2.42 137.33	-54.06 -2.14 92.57	-64.07 -2.50 108.86	111.55 -7.04 19.39	20.18 -2.65 30.76	35.44 -1.75 0.00	39.20 -1.89 0.00	37.59 -1.75 0.00	32.37 -1.48 0.00	30.75 -1.44 0.00

OUTOKUMPU-AB___DRP 24206	16.33 -1.88 4.88	22.83 -1.80 0.00	20.85 -1.91 0.00	18.53 -1.81 0.00	19.54 -1.90 0.00	22.56 -1.91 0.00	26.64 -2.21 0.00	25.43 -2.52 0.00	22.86 -2.36 0.00	22.29 -2.26 0.00	22.92 -2.33 0.00	21.59 -2.43 0.00	3.91 -2.74 29.94	-0.14 -3.54 45.78	0.21 -3.14 45.78	6.69 -3.59 30.37	7.15 -4.74 35.40	110.28 -14.76 12.94	35.79 -5.86 11.95	33.19 -3.99 0.00	36.92 -4.17 0.00	35.79 -3.55 0.00	31.14 -2.72 0.00	29.93 -2.26 0.00
OXBOW___BTM 323836	16.09 -2.14 4.86	22.56 -2.08 0.00	20.59 -2.17 0.00	18.30 -2.04 0.00	19.29 -2.14 0.00	22.27 -2.21 0.00	26.28 -2.57 0.00	25.07 -2.88 0.00	22.56 -2.66 0.00	22.00 -2.56 0.00	22.64 -2.61 0.00	21.32 -2.70 0.00	3.60 -3.18 29.80	-0.25 -3.89 45.53	0.02 -3.58 45.53	6.36 -4.11 30.18	6.78 -5.33 35.18	109.02 -16.30 12.66	35.24 -6.51 11.84	32.75 -4.43 0.00	36.42 -4.68 0.00	35.31 -4.03 0.00	30.75 -3.11 0.00	29.59 -2.60 0.00
OXBOW___ 24026	16.09 -2.14 4.86	22.56 -2.07 0.00	20.59 -2.17 0.00	18.30 -2.04 0.00	19.29 -2.15 0.00	22.27 -2.21 0.00	26.28 -2.57 0.00	25.06 -2.88 0.00	22.55 -2.66 0.00	22.00 -2.56 0.00	22.64 -2.60 0.00	21.32 -2.70 0.00	3.65 -3.13 29.80	-0.44 -4.08 45.53	-0.07 -3.67 45.53	6.36 -4.11 30.18	6.73 -5.38 35.18	108.94 -16.38 12.66	35.26 -6.50 11.84	32.75 -4.43 0.00	36.42 -4.67 0.00	35.31 -4.03 0.00	30.75 -3.10 0.00	29.59 -2.60 0.00
OXY_CHEM_DSASP 323612	15.88 -2.37 4.83	22.32 -2.31 0.00	20.38 -2.38 0.00	18.11 -2.23 0.00	19.08 -2.35 0.00	22.02 -2.45 0.00	25.97 -2.88 0.00	24.75 -3.20 0.00	22.29 -2.93 0.00	21.74 -2.82 0.00	22.39 -2.85 0.00	21.09 -2.94 0.00	3.41 -3.50 29.66	-0.66 -4.57 45.27	-0.30 -4.16 45.27	6.08 -4.58 29.99	6.38 -5.95 34.96	107.70 -17.91 12.37	34.78 -7.08 11.73	32.33 -4.85 0.00	35.96 -5.13 0.00	34.88 -4.46 0.00	30.39 -3.47 0.00	29.29 -2.89 0.00
OZONE_PARK_ESR 323760	23.46 1.39 1.01	25.85 1.22 0.00	23.94 1.17 0.00	21.37 1.04 0.00	22.55 1.12 0.00	25.68 1.20 0.00	30.36 1.51 0.00	29.51 1.56 0.00	26.72 1.51 0.00	26.03 1.47 0.00	26.81 1.56 0.00	25.67 1.64 0.00	33.42 2.29 5.45	43.58 3.14 8.73	43.62 3.22 8.73	37.55 2.98 6.08	43.66 3.65 7.28	146.37 9.69 1.30	55.09 3.54 2.06	39.47 2.28 0.00	43.44 2.34 0.00	41.42 2.08 0.00	35.80 1.94 0.00	33.84 1.65 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.88 -2.37 4.83	22.32 -2.31 0.00	20.38 -2.38 0.00	18.11 -2.23 0.00	19.08 -2.35 0.00	22.02 -2.45 0.00	25.97 -2.88 0.00	24.75 -3.20 0.00	22.29 -2.93 0.00	21.74 -2.82 0.00	22.39 -2.85 0.00	21.09 -2.94 0.00	3.41 -3.50 29.66	-0.66 -4.57 45.27	-0.30 -4.16 45.27	6.08 -4.58 29.99	6.38 -5.95 34.96	107.70 -17.91 12.37	34.78 -7.08 11.73	32.33 -4.85 0.00	35.96 -5.13 0.00	34.88 -4.46 0.00	30.39 -3.47 0.00	29.29 -2.89 0.00
PACKARD___115KV_DUPONT_184 80571	15.88 -2.37 4.83	22.32 -2.31 0.00	20.38 -2.38 0.00	18.11 -2.23 0.00	19.08 -2.35 0.00	22.02 -2.45 0.00	25.97 -2.88 0.00	24.75 -3.20 0.00	22.29 -2.93 0.00	21.74 -2.82 0.00	22.39 -2.85 0.00	21.09 -2.94 0.00	3.41 -3.50 29.66	-0.66 -4.57 45.27	-0.30 -4.16 45.27	6.08 -4.58 29.99	6.38 -5.95 34.96	107.70 -17.91 12.37	34.78 -7.08 11.73	32.33 -4.85 0.00	35.96 -5.13 0.00	34.88 -4.46 0.00	30.39 -3.47 0.00	29.29 -2.89 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.29 1.21 1.00	25.66 1.03 0.00	23.81 1.04 0.00	21.25 0.91 0.00	22.42 0.99 0.00	25.50 1.02 0.00	30.13 1.28 0.00	29.33 1.37 0.00	26.58 1.36 0.00	25.79 1.23 0.00	26.59 1.34 0.00	25.49 1.46 0.00	33.01 1.88 5.45	43.15 2.70 8.73	43.14 2.74 8.73	37.16 2.59 6.08	43.22 3.20 7.28	144.92 8.24 1.30	54.55 3.01 2.06	39.10 1.91 0.00	43.04 1.94 0.00	41.03 1.69 0.00	35.50 1.64 0.00	33.55 1.36 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.82 1.74 1.00	26.25 1.62 0.00	24.37 1.60 0.00	21.73 1.39 0.00	22.93 1.50 0.00	26.11 1.64 0.00	30.88 2.02 0.00	30.01 2.06 0.00	27.18 1.96 0.00	26.34 1.79 0.00	27.14 1.89 0.00	26.04 2.01 0.00	33.81 2.68 5.45	44.23 3.79 8.73	44.20 3.80 8.73	38.04 3.47 6.08	44.22 4.21 7.28	147.91 11.23 1.30	55.66 4.12 2.06	39.92 2.73 0.00	43.92 2.82 0.00	41.92 2.58 0.00	36.29 2.43 0.00	34.30 2.11 0.00
PATROON___115KV_TB1 80586	22.55 0.17 0.71	24.73 0.09 0.00	22.91 0.15 0.00	20.50 0.17 0.00	21.63 0.19 0.00	24.67 0.19 0.00	28.99 0.13 0.00	28.09 0.14 0.00	25.33 0.11 0.00	24.66 0.11 0.00	25.34 0.09 0.00	24.11 0.08 0.00	33.07 0.03 3.53	43.54 0.04 5.66	43.44 -0.03 5.66	36.50 0.09 4.24	42.29 0.10 5.11	138.02 0.95 0.91	52.53 0.38 1.45	37.28 0.09 0.00	41.20 0.11 0.00	39.40 0.06 0.00	33.88 0.02 0.00	32.22 0.03 0.00
PATTRSNVILLE___SOLAR 323815	22.85 0.52 0.75	25.14 0.51 0.00	23.26 0.50 0.00	20.80 0.46 0.00	21.95 0.51 0.00	25.06 0.58 0.00	29.52 0.67 0.00	28.68 0.73 0.00	25.70 0.48 0.00	24.91 0.35 0.00	25.58 0.33 0.00	24.24 0.21 0.00	33.57 0.24 3.25	44.39 0.42 5.20	44.37 0.44 5.20	36.50 0.34 4.49	42.46 0.63 5.46	139.54 2.54 0.97	53.21 1.16 1.54	38.00 0.81 0.00	42.05 0.96 0.00	40.24 0.90 0.00	34.60 0.74 0.00	32.86 0.67 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	16.71 -1.40 4.98	23.33 -1.30 0.00	21.37 -1.40 0.00	19.00 -1.33 0.00	20.05 -1.38 0.00	23.14 -1.33 0.00	27.34 -1.51 0.00	26.21 -1.74 0.00	23.57 -1.64 0.00	22.99 -1.57 0.00	23.56 -1.69 0.00	22.21 -1.82 0.00	4.28 -1.87 30.43	-0.11 -2.53 46.75	0.23 -2.14 46.76	7.10 -2.52 31.03	7.80 -3.35 36.14	113.63 -10.99 13.35	36.83 -4.50 12.27	34.13 -3.05 0.00	37.90 -3.20 0.00	36.67 -2.67 0.00	31.85 -2.01 0.00	30.52 -1.67 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.29 1.20 1.00	25.70 1.07 0.00	23.79 1.02 0.00	21.25 0.91 0.00	22.42 0.99 0.00	25.56 1.09 0.00	30.21 1.36 0.00	29.32 1.37 0.00	26.50 1.28 0.00	25.80 1.24 0.00	26.55 1.31 0.00	25.38 1.35 0.00	33.06 1.88 5.39	43.10 2.57 8.64	43.14 2.65 8.64	37.08 2.45 6.02	43.13 3.05 7.21	145.07 8.37 1.28	54.66 3.10 2.04	39.20 2.01 0.00	43.19 2.10 0.00	41.18 1.84 0.00	35.54 1.68 0.00	33.63 1.44 0.00
PEEKSKILL___ 23653	23.13 1.06 1.02	25.54 0.91 0.00	23.64 0.87 0.00	21.12 0.78 0.00	22.28 0.84 0.00	25.38 0.91 0.00	29.98 1.13 0.00	29.09 1.14 0.00	26.31 1.09 0.00	25.62 1.06 0.00	26.39 1.14 0.00	25.24 1.21 0.00	32.74 1.67 5.51	42.61 2.26 8.82	42.66 2.35 8.82	36.76 2.25 6.14	42.73 2.79 7.35	144.07 7.40 1.31	54.18 2.66 2.08	38.86 1.67 0.00	42.80 1.70 0.00	40.84 1.50 0.00	35.29 1.43 0.00	33.40 1.20 0.00
PGE MADISON___WINDPWR 24146	18.14 0.74 5.67	25.44 0.81 0.00	23.45 0.68 0.00	20.99 0.65 0.00	22.12 0.68 0.00	25.53 1.05 0.00	30.35 1.50 0.00	29.44 1.49 0.00	26.50 1.29 0.00	25.90 1.35 0.00	26.51 1.26 0.00	24.98 0.96 0.00	-0.41 1.75 38.74	-10.51 2.33 62.01	-10.55 2.33 62.01	4.82 1.63 37.46	8.18 1.99 41.10	138.68 6.59 5.89	45.86 2.78 10.52	39.41 2.23 0.00	43.72 2.63 0.00	41.89 2.55 0.00	35.85 1.99 0.00	33.80 1.61 0.00

PIERCEFIELD___HYD 23852	21.02 -0.22 1.85	24.66 0.03 0.00	22.70 -0.06 0.00	20.24 -0.09 0.00	21.30 -0.14 0.00	24.37 -0.10 0.00	28.65 -0.20 0.00	27.81 -0.14 0.00	25.03 -0.19 0.00	24.46 -0.09 0.00	25.14 -0.11 0.00	23.95 -0.07 0.00	25.97 -0.14 10.47	31.98 -0.22 16.97	32.02 -0.14 16.97	28.99 -0.25 11.40	33.38 -0.53 13.39	134.15 -1.45 2.38	48.89 -0.93 3.78	37.08 -0.10 0.00	40.90 -0.19 0.00	39.42 0.07 0.00	33.92 0.07 0.00	32.27 0.07 0.00
PINELAWN_CC_1 323563	23.55 1.47 1.00	26.00 1.37 0.00	24.02 1.26 0.00	21.44 1.10 0.00	22.64 1.20 0.00	25.86 1.38 0.00	30.54 1.68 0.00	29.55 1.60 0.00	26.68 1.47 0.00	25.96 1.40 0.00	26.86 1.61 0.00	25.78 1.75 0.00	33.55 2.43 5.45	43.50 3.06 8.73	46.09 3.30 6.33	47.80 3.20 -3.95	36.80 3.83 14.33	139.43 10.03 8.58	58.93 3.75 -1.58	44.62 2.61 -4.82	52.32 2.69 -8.54	50.95 2.60 -9.00	47.59 2.39 -11.34	37.41 2.08 -3.14
PJM_GEN_HTTP_PROXY 323702	23.28 1.21 1.01	25.67 1.04 0.00	23.77 1.01 0.00	21.24 0.90 0.00	22.40 0.97 0.00	25.50 1.03 0.00	30.02 1.28 0.12	29.27 1.32 0.00	26.51 1.29 0.00	25.83 1.27 0.00	26.61 1.36 0.00	25.48 1.45 0.00	33.14 2.01 5.45	43.15 2.71 8.73	43.20 2.80 8.73	37.20 2.63 6.08	43.26 3.25 7.28	147.62 8.51 -1.13	54.60 3.06 2.06	39.13 1.94 0.00	42.79 1.97 0.27	41.05 1.71 0.00	35.76 1.63 -0.27	33.57 1.38 0.00
PJM_GEN_KEystone 24065	19.71 -0.25 3.12	24.31 -0.31 0.00	22.36 -0.40 0.00	19.94 -0.40 0.00	21.04 -0.39 0.00	24.09 -0.38 0.00	28.32 -0.41 0.12	27.51 -0.43 0.00	24.87 -0.34 0.00	24.26 -0.30 0.00	24.96 -0.29 0.00	23.74 -0.29 0.00	17.58 -0.24 18.76	19.62 -0.30 29.25	19.76 -0.13 29.24	20.88 -0.31 19.46	24.13 -0.43 22.73	132.89 -1.92 3.17	45.42 -1.10 7.08	36.41 -0.78 0.00	40.01 -0.82 0.27	38.74 -0.60 0.00	33.84 -0.28 -0.27	31.92 -0.27 0.00
PJM_GEN_NEPTUNE_PROXY 323594	23.29 1.21 1.00	25.74 1.11 0.00	23.79 1.03 0.00	21.23 0.89 0.00	22.42 0.99 0.00	25.57 1.10 0.00	30.08 1.35 0.12	29.24 1.29 0.00	26.43 1.21 0.00	25.74 1.19 0.00	26.63 1.38 0.00	22.21 1.56 3.37	28.69 2.16 10.05	39.28 2.72 12.61	39.68 2.91 12.36	36.39 2.79 7.05	26.08 3.26 24.47	133.00 8.21 13.19	54.52 3.01 2.09	28.88 2.11 10.42	43.79 2.10 -0.59	41.58 2.04 -0.20	36.01 1.95 -0.21	29.55 1.69 4.33
PJM_GEN_VFT_PROXY 323633	23.17 1.09 1.01	25.53 0.90 0.00	23.63 0.87 0.00	21.11 0.77 0.00	22.27 0.84 0.00	25.35 0.87 0.00	29.85 1.12 0.12	29.11 1.16 0.00	26.37 1.15 0.00	25.69 1.14 0.00	26.47 1.22 0.00	25.35 1.33 0.00	32.94 1.82 5.45	42.90 2.46 8.73	42.95 2.56 8.73	37.01 2.44 6.08	43.04 3.03 7.28	146.82 7.71 -1.13	54.33 2.78 2.06	38.89 1.76 0.05	42.55 1.73 0.27	40.49 1.49 0.34	34.95 1.47 0.37	33.41 1.22 0.00
PLATSBURG_115KV_PMLD1 355749	22.53 0.19 0.74	25.06 0.43 0.00	23.10 0.33 0.00	20.65 0.31 0.00	21.76 0.32 0.00	24.91 0.44 0.00	29.44 0.59 0.00	28.72 0.77 0.00	25.80 0.58 0.00	25.17 0.62 0.00	25.88 0.63 0.00	24.59 0.56 0.00	33.25 0.89 4.22	43.51 1.18 6.84	43.49 1.20 6.84	36.95 0.90 4.60	42.88 0.99 5.40	140.47 3.45 0.96	53.25 1.18 1.53	38.06 0.87 0.00	42.12 1.03 0.00	40.40 1.06 0.00	34.56 0.70 0.00	32.89 0.70 0.00
PLEASANTVLY___LBMP 24000	23.05 0.92 0.96	25.42 0.79 0.00	23.53 0.77 0.00	21.03 0.69 0.00	22.19 0.75 0.00	25.27 0.79 0.00	29.82 0.97 0.00	28.93 0.98 0.00	26.16 0.94 0.00	25.48 0.93 0.00	26.24 0.99 0.00	25.08 1.05 0.00	32.81 1.43 5.19	42.82 1.96 8.32	42.82 2.01 8.32	36.74 1.90 5.80	42.72 2.37 6.95	143.09 6.35 1.24	53.92 2.28 1.96	38.61 1.43 0.00	42.55 1.45 0.00	40.59 1.25 0.00	35.06 1.20 0.00	33.21 1.02 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.18 1.10 1.00	25.58 0.95 0.00	23.68 0.92 0.00	21.17 0.83 0.00	22.33 0.89 0.00	25.44 0.96 0.00	30.05 1.20 0.00	29.16 1.21 0.00	26.38 1.16 0.00	25.69 1.13 0.00	26.46 1.21 0.00	25.31 1.28 0.00	32.93 1.77 5.41	42.92 2.42 8.67	42.93 2.48 8.67	36.94 2.33 6.04	42.94 2.88 7.23	144.40 7.71 1.29	54.33 2.77 2.04	38.95 1.77 0.00	42.91 1.81 0.00	40.92 1.58 0.00	35.35 1.50 0.00	33.46 1.27 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.18 1.10 1.00	25.58 0.95 0.00	23.68 0.92 0.00	21.17 0.83 0.00	22.33 0.89 0.00	25.44 0.96 0.00	30.05 1.20 0.00	29.16 1.21 0.00	26.38 1.16 0.00	25.69 1.13 0.00	26.46 1.21 0.00	25.31 1.28 0.00	32.93 1.77 5.41	42.92 2.42 8.67	42.93 2.48 8.67	36.94 2.33 6.04	42.94 2.88 7.23	144.40 7.71 1.29	54.33 2.77 2.04	38.95 1.77 0.00	42.91 1.81 0.00	40.92 1.58 0.00	35.35 1.50 0.00	33.46 1.27 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.17 1.05 0.96	25.55 0.92 0.00	23.66 0.89 0.00	21.15 0.81 0.00	22.30 0.87 0.00	25.42 0.94 0.00	30.02 1.17 0.00	29.11 1.16 0.00	26.30 1.08 0.00	25.60 1.04 0.00	26.34 1.10 0.00	25.15 1.12 0.00	32.90 1.54 5.22	42.91 2.10 8.36	42.94 2.17 8.36	36.83 2.02 5.84	42.84 2.54 6.99	143.78 7.05 1.24	54.27 2.64 1.98	38.89 1.71 0.00	42.88 1.79 0.00	40.92 1.58 0.00	35.30 1.45 0.00	33.43 1.24 0.00
POLETTI_____ 23519	23.26 1.18 1.01	25.63 1.00 0.00	23.75 0.98 0.00	21.22 0.88 0.00	22.38 0.95 0.00	25.47 0.99 0.00	30.07 1.22 0.00	29.22 1.27 0.00	26.48 1.26 0.00	25.80 1.25 0.00	26.58 1.33 0.00	25.46 1.43 0.00	33.06 1.94 5.45	43.08 2.64 8.73	43.11 2.72 8.73	37.12 2.55 6.08	43.18 3.17 7.28	144.86 8.17 1.30	54.49 2.95 2.06	39.05 1.87 0.00	42.96 1.87 0.00	40.97 1.63 0.00	35.42 1.56 0.00	33.50 1.31 0.00
POMONA___ESR 323819	23.20 1.16 1.04	25.64 1.01 0.00	23.72 0.96 0.00	21.19 0.85 0.00	22.35 0.92 0.00	25.47 1.00 0.00	30.10 1.24 0.00	29.19 1.24 0.00	26.40 1.18 0.00	25.72 1.16 0.00	26.49 1.24 0.00	25.34 1.31 0.00	32.77 1.84 5.64	42.63 2.50 9.04	42.69 2.60 9.04	36.83 2.47 6.29	42.86 3.10 7.53	144.96 8.32 1.34	54.42 2.95 2.13	39.05 1.87 0.00	43.00 1.90 0.00	41.01 1.67 0.00	35.44 1.58 0.00	33.55 1.36 0.00
PORT_JEFF_3 23555	23.60 1.52 1.00	26.06 1.43 0.00	24.08 1.32 0.00	21.50 1.16 0.00	22.70 1.27 0.00	25.92 1.44 0.00	30.61 1.75 0.00	29.60 1.65 0.00	26.75 1.54 0.00	26.03 1.47 0.00	26.92 1.67 0.00	23.75 1.84 2.11	30.80 2.55 8.33	41.20 3.20 11.17	42.52 3.49 10.10	41.22 3.53 2.95	31.36 4.22 20.15	136.19 10.74 12.53	56.92 4.06 0.74	35.58 2.79 4.40	47.69 2.91 -3.69	45.61 2.82 -3.45	40.58 2.56 -4.16	32.84 2.23 1.58
PORT_JEFF_4 23616	23.60 1.52 1.00	26.06 1.43 0.00	24.08 1.32 0.00	21.50 1.16 0.00	22.70 1.27 0.00	25.92 1.44 0.00	30.61 1.75 0.00	29.60 1.65 0.00	26.75 1.54 0.00	26.03 1.47 0.00	26.92 1.67 0.00	23.75 1.84 2.11	30.80 2.55 8.33	41.20 3.20 11.17	42.52 3.49 10.10	41.22 3.53 2.95	31.36 4.22 20.15	136.19 10.74 12.53	56.92 4.06 0.74	35.58 2.79 4.40	47.69 2.91 -3.69	45.61 2.82 -3.45	40.58 2.56 -4.16	32.84 2.23 1.58

PORT_JEFF_IC 23713	23.63 1.56 1.00	26.09 1.46 0.00	24.11 1.34 0.00	21.52 1.18 0.00	22.73 1.29 0.00	25.95 1.47 0.00	30.64 1.79 0.00	29.63 1.68 0.00	26.78 1.56 0.00	26.05 1.50 0.00	26.95 1.70 0.00	23.86 1.86 2.03	30.93 2.56 8.21	41.38 3.28 11.07	42.73 3.54 9.95	41.55 3.58 2.67	31.68 4.30 19.92	136.64 11.03 12.37	57.07 4.12 0.65	36.01 2.86 4.03	47.97 2.99 -3.88	45.91 2.90 -3.67	40.92 2.62 -4.45	33.08 2.28 1.40
PPL PILGRIM_ST_GT1 24216	23.66 1.58 1.00	26.13 1.50 0.00	24.14 1.37 0.00	21.54 1.20 0.00	22.75 1.31 0.00	25.98 1.51 0.00	30.65 1.80 0.00	29.62 1.67 0.00	26.81 1.59 0.00	26.08 1.53 0.00	26.99 1.74 0.00	24.26 1.89 1.66	31.51 2.64 7.71	41.85 3.33 10.65	43.41 3.59 9.31	42.65 3.52 1.52	32.65 4.21 18.86	137.29 10.95 11.64	57.48 4.14 0.26	37.61 2.86 2.43	48.78 2.99 -4.70	46.82 2.88 -4.60	42.12 2.62 -5.65	33.88 2.29 0.60
PPL PILGRIM_ST_GT2 24217	23.66 1.58 1.00	26.13 1.50 0.00	24.14 1.37 0.00	21.54 1.20 0.00	22.75 1.31 0.00	25.98 1.51 0.00	30.65 1.80 0.00	29.62 1.67 0.00	26.81 1.59 0.00	26.08 1.53 0.00	26.99 1.74 0.00	24.26 1.89 1.66	31.51 2.64 7.71	41.85 3.33 10.65	43.41 3.59 9.31	42.65 3.52 1.52	32.65 4.21 18.86	137.29 10.95 11.64	57.48 4.14 0.26	37.61 2.86 2.43	48.78 2.99 -4.70	46.82 2.88 -4.60	42.12 2.62 -5.65	33.88 2.29 0.60
PPL_SHRM_GT3 24213	23.66 1.58 1.00	26.10 1.47 0.00	24.12 1.36 0.00	21.54 1.20 0.00	22.75 1.32 0.00	25.97 1.50 0.00	30.69 1.83 0.00	29.68 1.73 0.00	26.83 1.62 0.00	26.09 1.53 0.00	26.94 1.70 0.00	23.85 1.89 2.07	30.93 2.62 8.27	41.37 3.31 11.12	42.78 3.66 10.02	41.72 3.88 2.81	31.88 4.62 20.04	136.93 11.40 12.46	57.20 4.30 0.70	35.90 2.94 4.22	47.96 3.09 -3.78	45.91 3.02 -3.56	40.88 2.72 -4.30	33.03 2.34 1.49
PPL_SHRM_GT4 24214	23.66 1.58 1.00	26.10 1.47 0.00	24.12 1.36 0.00	21.54 1.20 0.00	22.75 1.32 0.00	25.97 1.50 0.00	30.69 1.83 0.00	29.68 1.73 0.00	26.83 1.62 0.00	26.09 1.53 0.00	26.94 1.70 0.00	23.85 1.89 2.07	30.93 2.62 8.27	41.37 3.31 11.12	42.78 3.66 10.02	41.72 3.88 2.81	31.88 4.62 20.04	136.93 11.40 12.46	57.20 4.30 0.70	35.90 2.94 4.22	47.96 3.09 -3.78	45.91 3.02 -3.56	40.88 2.72 -4.30	33.03 2.34 1.49
PROJECT___ORANGE 1 24174	12.51 -0.69 9.89	23.92 -0.71 0.00	22.10 -0.67 0.00	19.73 -0.61 0.00	20.83 -0.60 0.00	23.86 -0.61 0.00	28.21 -0.64 0.00	27.23 -0.72 0.00	24.50 -0.72 0.00	23.83 -0.72 0.00	24.47 -0.78 0.00	23.20 -0.82 0.00	-20.75 -1.18 56.14	-43.31 -1.59 90.89	-43.29 -1.54 90.89	-21.75 -1.38 61.02	-25.91 -1.59 71.61	120.90 -4.32 12.75	31.79 -1.58 20.23	36.16 -1.02 0.00	40.02 -1.07 0.00	38.34 -1.00 0.00	33.02 -0.84 0.00	31.32 -0.87 0.00
PROJECT___ORANGE 2 24166	12.51 -0.69 9.89	23.92 -0.71 0.00	22.10 -0.67 0.00	19.73 -0.61 0.00	20.83 -0.60 0.00	23.86 -0.61 0.00	28.21 -0.64 0.00	27.23 -0.72 0.00	24.50 -0.72 0.00	23.83 -0.72 0.00	24.47 -0.78 0.00	23.20 -0.82 0.00	-20.75 -1.18 56.14	-43.31 -1.59 90.89	-43.29 -1.54 90.89	-21.75 -1.38 61.02	-25.91 -1.59 71.61	120.90 -4.32 12.75	31.79 -1.58 20.23	36.16 -1.02 0.00	40.02 -1.07 0.00	38.34 -1.00 0.00	33.02 -0.84 0.00	31.32 -0.87 0.00
PUCKETT___SOLAR 323809	17.48 -0.16 5.45	24.51 -0.13 0.00	22.66 -0.10 0.00	20.22 -0.11 0.00	21.35 -0.08 0.00	24.47 0.00 0.00	28.93 0.07 0.00	28.02 0.07 0.00	25.23 0.02 0.00	24.60 0.04 0.00	25.17 -0.08 0.00	23.80 -0.23 0.00	1.27 -0.01 35.30	-7.26 0.00 56.44	-7.20 0.10 56.44	5.16 -0.29 35.19	7.39 -0.43 39.48	129.86 -1.09 7.03	42.08 -0.37 11.15	37.15 -0.04 0.00	41.10 0.00 0.00	39.45 0.11 0.00	33.99 0.13 0.00	32.18 -0.01 0.00
PYRITES___HYD 24023	21.60 0.25 1.73	25.17 0.54 0.00	23.16 0.40 0.00	20.66 0.32 0.00	21.74 0.30 0.00	24.88 0.41 0.00	29.32 0.47 0.00	28.42 0.46 0.00	25.50 0.28 0.00	24.77 0.21 0.00	25.41 0.15 0.00	24.20 0.17 0.00	27.05 0.27 9.79	33.70 0.40 15.88	33.79 0.53 15.88	30.28 0.30 10.67	34.97 0.20 12.52	136.41 0.66 2.23	50.04 -0.02 3.54	37.75 0.56 0.00	41.85 0.76 0.00	40.33 0.99 0.00	34.62 0.76 0.00	32.90 0.71 0.00
QUAKERRD_115KV_BK1 80622	16.36 -1.67 5.05	22.98 -1.65 0.00	21.12 -1.65 0.00	18.82 -1.52 0.00	19.86 -1.58 0.00	22.83 -1.64 0.00	26.98 -1.87 0.00	25.89 -2.06 0.00	23.28 -1.94 0.00	22.64 -1.91 0.00	23.26 -1.99 0.00	22.02 -2.00 0.00	3.00 -2.73 30.84	-1.50 -3.70 46.98	-1.36 -3.51 46.98	5.98 -3.38 31.28	6.62 -4.11 36.56	119.73 -11.73 6.51	38.60 -4.42 10.58	34.28 -2.90 0.00	38.02 -3.07 0.00	36.57 -2.77 0.00	31.56 -2.30 0.00	30.13 -2.06 0.00
QUENSBRY_115KV_TB8 356137	23.22 0.82 0.69	25.45 0.82 0.00	23.52 0.76 0.00	21.09 0.75 0.00	22.27 0.83 0.00	25.45 0.97 0.00	29.97 1.12 0.00	29.17 1.22 0.00	26.10 0.88 0.00	25.30 0.75 0.00	25.98 0.73 0.00	24.62 0.59 0.00	34.17 0.90 3.31	45.22 1.35 5.30	45.13 1.30 5.30	37.32 0.78 4.12	43.42 1.10 4.97	142.84 5.74 0.88	54.42 2.23 1.41	38.57 1.38 0.00	42.76 1.66 0.00	40.86 1.53 0.00	34.84 0.98 0.00	33.03 0.84 0.00
RAMAPO___LBMP 323565	23.03 0.99 1.04	25.47 0.84 0.00	23.58 0.82 0.00	21.06 0.73 0.00	22.22 0.79 0.00	25.31 0.84 0.00	29.91 1.05 0.00	29.00 1.05 0.00	26.22 1.00 0.00	25.53 0.98 0.00	26.30 1.05 0.00	25.16 1.13 0.00	32.46 1.56 5.67	42.24 2.15 9.08	42.27 2.22 9.08	36.48 2.14 6.31	42.41 2.67 7.56	143.74 7.10 1.35	53.94 2.47 2.13	38.75 1.56 0.00	42.67 1.57 0.00	40.69 1.35 0.00	35.19 1.33 0.00	33.32 1.13 0.00
RANKINE____ 23646	16.49 -1.64 4.95	23.09 -1.54 0.00	21.14 -1.63 0.00	18.80 -1.54 0.00	19.83 -1.61 0.00	22.91 -1.57 0.00	27.06 -1.79 0.00	25.93 -2.02 0.00	23.28 -1.93 0.00	22.73 -1.83 0.00	23.28 -1.97 0.00	21.95 -2.08 0.00	3.99 -2.29 30.29	-0.38 -3.07 46.49	-0.02 -2.65 46.50	6.80 -2.95 30.89	7.42 -3.88 35.99	111.05 -12.49 14.44	36.01 -5.13 12.46	33.72 -3.47 0.00	37.45 -3.64 0.00	36.25 -3.09 0.00	31.50 -2.36 0.00	30.19 -2.00 0.00
RAVENSWOOD_GT2_1 24244	23.28 1.20 1.01	25.67 1.04 0.00	23.77 1.01 0.00	21.24 0.90 0.00	22.40 0.97 0.00	25.50 1.03 0.00	30.13 1.28 0.00	29.27 1.32 0.00	26.51 1.29 0.00	25.83 1.27 0.00	26.60 1.35 0.00	25.47 1.44 0.00	33.11 1.98 5.45	43.16 2.72 8.73	43.19 2.79 8.73	37.17 2.60 6.08	43.23 3.22 7.28	145.11 8.43 1.30	54.58 3.04 2.06	39.12 1.93 0.00	43.04 1.94 0.00	41.04 1.70 0.00	35.48 1.63 0.00	33.56 1.37 0.00
RAVENSWOOD_GT2_2 24245	23.28 1.20 1.01	25.67 1.04 0.00	23.77 1.01 0.00	21.24 0.90 0.00	22.40 0.97 0.00	25.50 1.03 0.00	30.13 1.28 0.00	29.27 1.32 0.00	26.51 1.29 0.00	25.83 1.27 0.00	26.60 1.35 0.00	25.47 1.44 0.00	33.11 1.98 5.45	43.16 2.72 8.73	43.19 2.79 8.73	37.17 2.60 6.08	43.23 3.22 7.28	145.11 8.43 1.30	54.58 3.04 2.06	39.12 1.93 0.00	43.04 1.94 0.00	41.04 1.70 0.00	35.48 1.63 0.00	33.56 1.37 0.00

RAVENSWOOD_GT2_3 24246	23.29 1.22 1.01	25.67 1.04 0.00	23.78 1.02 0.00	21.24 0.90 0.00	22.41 0.98 0.00	25.51 1.03 0.00	30.14 1.29 0.00	29.28 1.33 0.00	26.52 1.30 0.00	25.83 1.28 0.00	26.61 1.36 0.00	25.48 1.45 0.00	33.13 2.00 5.45	43.18 2.75 8.73	43.22 2.82 8.73	37.20 2.63 6.08	43.27 3.26 7.28	145.19 8.51 1.30	54.60 3.06 2.06	39.13 1.95 0.00	43.07 1.97 0.00	41.07 1.73 0.00	35.50 1.64 0.00	33.57 1.38 0.00
RAVENSWOOD_GT2_4 24247	23.29 1.22 1.01	25.67 1.04 0.00	23.78 1.02 0.00	21.24 0.90 0.00	22.41 0.98 0.00	25.51 1.03 0.00	30.14 1.29 0.00	29.28 1.33 0.00	26.52 1.30 0.00	25.83 1.28 0.00	26.61 1.36 0.00	25.48 1.45 0.00	33.13 2.00 5.45	43.18 2.75 8.73	43.22 2.82 8.73	37.20 2.63 6.08	43.27 3.26 7.28	145.19 8.51 1.30	54.60 3.06 2.06	39.13 1.95 0.00	43.07 1.97 0.00	41.07 1.73 0.00	35.50 1.64 0.00	33.57 1.38 0.00
RAVENSWOOD_GT3_1 24248	23.28 1.20 1.01	25.67 1.04 0.00	23.77 1.01 0.00	21.24 0.90 0.00	22.40 0.97 0.00	25.50 1.03 0.00	30.13 1.28 0.00	29.27 1.32 0.00	26.51 1.29 0.00	25.83 1.27 0.00	26.60 1.35 0.00	25.47 1.44 0.00	33.11 1.98 5.45	43.16 2.72 8.73	43.19 2.79 8.73	37.17 2.60 6.08	43.23 3.22 7.28	145.11 8.43 1.30	54.58 3.04 2.06	39.12 1.93 0.00	43.04 1.94 0.00	41.04 1.70 0.00	35.48 1.63 0.00	33.56 1.37 0.00
RAVENSWOOD_GT3_2 24249	23.28 1.20 1.01	25.67 1.04 0.00	23.77 1.01 0.00	21.24 0.90 0.00	22.40 0.97 0.00	25.50 1.03 0.00	30.13 1.28 0.00	29.27 1.32 0.00	26.51 1.29 0.00	25.83 1.27 0.00	26.60 1.35 0.00	25.47 1.44 0.00	33.11 1.98 5.45	43.16 2.72 8.73	43.19 2.79 8.73	37.17 2.60 6.08	43.23 3.22 7.28	145.11 8.43 1.30	54.58 3.04 2.06	39.12 1.93 0.00	43.04 1.94 0.00	41.04 1.70 0.00	35.48 1.63 0.00	33.56 1.37 0.00
RAVENSWOOD_GT3_3 24250	23.31 1.23 1.01	25.69 1.06 0.00	23.80 1.03 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.53 1.06 0.00	30.17 1.32 0.00	29.31 1.36 0.00	26.54 1.33 0.00	25.86 1.30 0.00	26.64 1.39 0.00	25.50 1.48 0.00	33.17 2.05 5.45	43.24 2.80 8.73	43.27 2.87 8.73	37.25 2.68 6.08	43.32 3.31 7.28	145.33 8.65 1.30	54.66 3.12 2.06	39.17 1.99 0.00	43.11 2.01 0.00	41.10 1.77 0.00	35.53 1.67 0.00	33.61 1.42 0.00
RAVENSWOOD_GT3_4 24251	23.31 1.23 1.01	25.69 1.06 0.00	23.80 1.03 0.00	21.26 0.92 0.00	22.43 1.00 0.00	25.53 1.06 0.00	30.17 1.32 0.00	29.31 1.36 0.00	26.54 1.33 0.00	25.86 1.30 0.00	26.64 1.39 0.00	25.50 1.48 0.00	33.17 2.05 5.45	43.24 2.80 8.73	43.27 2.87 8.73	37.25 2.68 6.08	43.32 3.31 7.28	145.33 8.65 1.30	54.66 3.12 2.06	39.17 1.99 0.00	43.11 2.01 0.00	41.10 1.77 0.00	35.53 1.67 0.00	33.61 1.42 0.00
RAVENSWOOD_GT_1 23729	23.36 1.28 1.00	25.74 1.10 0.00	23.86 1.09 0.00	21.31 0.97 0.00	22.49 1.05 0.00	25.57 1.10 0.00	30.22 1.37 0.00	29.38 1.43 0.00	26.62 1.40 0.00	25.89 1.34 0.00	26.67 1.42 0.00	25.55 1.52 0.00	33.20 2.08 5.45	43.31 2.87 8.73	43.34 2.94 8.73	37.30 2.73 6.08	43.40 3.39 7.28	145.48 8.80 1.30	54.70 3.16 2.06	39.27 2.02 -0.07	43.12 2.02 0.00	41.57 1.77 -0.46	36.60 1.70 -1.04	33.62 1.43 0.00
RAVENSWOOD_GT_10 24258	23.28 1.20 1.01	25.66 1.04 0.00	23.77 1.01 0.00	21.23 0.89 0.00	22.40 0.97 0.00	25.50 1.03 0.00	30.13 1.28 0.00	29.27 1.32 0.00	26.50 1.29 0.00	25.82 1.27 0.00	26.60 1.35 0.00	25.46 1.44 0.00	33.11 1.98 5.45	43.16 2.72 8.73	43.19 2.79 8.73	37.17 2.60 6.08	43.23 3.22 7.28	145.11 8.42 1.30	54.58 3.04 2.06	39.12 1.93 -0.01	43.04 1.94 0.00	41.09 1.70 -0.05	35.60 1.63 -0.12	33.56 1.37 0.00
RAVENSWOOD_GT_11 24259	23.28 1.20 1.01	25.66 1.04 0.00	23.77 1.01 0.00	21.23 0.89 0.00	22.40 0.97 0.00	25.50 1.03 0.00	30.13 1.28 0.00	29.27 1.32 0.00	26.50 1.29 0.00	25.82 1.27 0.00	26.60 1.35 0.00	25.46 1.44 0.00	33.11 1.98 5.45	43.16 2.72 8.73	43.19 2.79 8.73	37.17 2.60 6.08	43.23 3.22 7.28	145.11 8.42 1.30	54.58 3.04 2.06	39.12 1.93 -0.01	43.04 1.94 0.00	41.09 1.70 -0.05	35.60 1.63 -0.12	33.56 1.37 0.00
RAVENSWOOD_GT_4 24252	23.28 1.20 1.01	25.65 1.03 0.00	23.76 1.00 0.00	21.23 0.89 0.00	22.40 0.96 0.00	25.50 1.02 0.00	30.13 1.27 0.00	29.25 1.30 0.00	26.50 1.28 0.00	25.82 1.26 0.00	26.60 1.35 0.00	25.46 1.44 0.00	33.11 1.98 5.45	43.16 2.72 8.73	43.19 2.79 8.73	37.17 2.60 6.08	43.23 3.22 7.28	145.11 8.42 1.30	54.58 3.04 2.06	39.17 1.93 -0.05	43.03 1.94 0.00	41.39 1.71 -0.35	36.28 1.63 -0.80	33.56 1.37 0.00
RAVENSWOOD_GT_5 24254	23.28 1.20 1.01	25.65 1.03 0.00	23.76 1.00 0.00	21.23 0.89 0.00	22.40 0.96 0.00	25.50 1.02 0.00	30.13 1.27 0.00	29.25 1.30 0.00	26.50 1.28 0.00	25.82 1.26 0.00	26.60 1.35 0.00	25.46 1.44 0.00	33.11 1.98 5.45	43.16 2.72 8.73	43.19 2.79 8.73	37.17 2.60 6.08	43.23 3.22 7.28	145.11 8.42 1.30	54.58 3.04 2.06	39.17 1.93 -0.05	43.03 1.94 0.00	41.39 1.71 -0.35	36.28 1.63 -0.80	33.56 1.37 0.00
RAVENSWOOD_GT_6 24253	23.28 1.20 1.01	25.65 1.03 0.00	23.76 1.00 0.00	21.23 0.89 0.00	22.40 0.96 0.00	25.50 1.02 0.00	30.13 1.27 0.00	29.25 1.30 0.00	26.50 1.28 0.00	25.82 1.26 0.00	26.60 1.35 0.00	25.46 1.44 0.00	33.11 1.98 5.45	43.16 2.72 8.73	43.19 2.79 8.73	37.17 2.60 6.08	43.23 3.22 7.28	145.11 8.42 1.30	54.58 3.04 2.06	39.17 1.93 -0.05	43.03 1.94 0.00	41.39 1.71 -0.35	36.28 1.63 -0.80	33.56 1.37 0.00
RAVENSWOOD_GT_7 24255	23.28 1.20 1.01	25.65 1.03 0.00	23.76 1.00 0.00	21.23 0.89 0.00	22.40 0.96 0.00	25.50 1.02 0.00	30.13 1.27 0.00	29.25 1.30 0.00	26.50 1.28 0.00	25.82 1.26 0.00	26.60 1.35 0.00	25.46 1.44 0.00	33.11 1.98 5.45	43.16 2.72 8.73	43.19 2.79 8.73	37.17 2.60 6.08	43.23 3.22 7.28	145.11 8.42 1.30	54.58 3.04 2.06	39.17 1.93 -0.05	43.03 1.94 0.00	41.39 1.71 -0.35	36.28 1.63 -0.80	33.56 1.37 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.28 1.20 1.01	25.66 1.04 0.00	23.77 1.01 0.00	21.23 0.89 0.00	22.40 0.97 0.00	25.50 1.03 0.00	30.13 1.28 0.00	29.27 1.32 0.00	26.50 1.29 0.00	25.82 1.27 0.00	26.60 1.35 0.00	25.46 1.44 0.00	33.11 1.98 5.45	43.16 2.72 8.73	43.19 2.79 8.73	37.17 2.60 6.08	43.23 3.22 7.28	145.11 8.42 1.30	54.58 3.04 2.06	39.12 1.93 -0.01	43.04 1.94 0.00	41.09 1.70 -0.05	35.60 1.63 -0.12	33.56 1.37 0.00
RAVENSWOOD_GT_9 24257	23.28 1.20 1.01	25.66 1.04 0.00	23.77 1.01 0.00	21.23 0.89 0.00	22.40 0.97 0.00	25.50 1.03 0.00	30.13 1.28 0.00	29.27 1.32 0.00	26.50 1.29 0.00	25.82 1.27 0.00	26.60 1.35 0.00	25.46 1.44 0.00	33.11 1.98 5.45	43.16 2.72 8.73	43.19 2.79 8.73	37.17 2.60 6.08	43.23 3.22 7.28	145.11 8.42 1.30	54.58 3.04 2.06	39.12 1.93 -0.01	43.04 1.94 0.00	41.09 1.70 -0.05	35.60 1.63 -0.12	33.56 1.37 0.00

RAVENSWOOD___1 23533	23.33 1.25 1.00	25.69 1.06 0.00	23.82 1.05 0.00	21.28 0.94 0.00	22.45 1.01 0.00	25.53 1.05 0.00	30.17 1.32 0.00	29.33 1.38 0.00	26.58 1.36 0.00	25.85 1.29 0.00	26.62 1.37 0.00	25.51 1.48 0.00	33.15 2.02 5.45	43.18 2.74 8.73	43.22 2.83 8.73	37.23 2.66 6.08	43.31 3.30 7.28	145.22 8.53 1.30	54.61 3.07 2.06	39.07 1.95 0.07	43.07 1.97 0.00	40.61 1.72 0.45	34.48 1.64 1.03	33.57 1.38 0.00
RAVENSWOOD___2 23534	23.33 1.25 1.00	25.69 1.06 0.00	23.82 1.05 0.00	21.28 0.94 0.00	22.45 1.01 0.00	25.53 1.05 0.00	30.17 1.32 0.00	29.33 1.38 0.00	26.58 1.36 0.00	25.85 1.29 0.00	26.62 1.37 0.00	25.51 1.48 0.00	33.15 2.02 5.45	43.18 2.74 8.73	43.22 2.83 8.73	37.23 2.66 6.08	43.31 3.30 7.28	145.22 8.53 1.30	54.61 3.07 2.06	39.07 1.95 0.07	43.07 1.97 0.00	40.61 1.72 0.45	34.48 1.64 1.03	33.57 1.38 0.00
RAVENSWOOD___3 23535	23.28 1.21 1.01	25.67 1.04 0.00	23.77 1.01 0.00	21.24 0.90 0.00	22.40 0.97 0.00	25.50 1.03 0.00	30.13 1.28 0.00	29.27 1.32 0.00	26.51 1.29 0.00	25.82 1.27 0.00	26.60 1.35 0.00	25.47 1.44 0.00	33.12 2.00 5.45	43.13 2.69 8.73	43.18 2.78 8.73	37.18 2.61 6.08	43.24 3.22 7.28	145.08 8.40 1.30	54.58 3.04 2.06	39.12 1.93 0.00	43.04 1.94 0.00	41.04 1.70 0.00	35.49 1.63 0.00	33.56 1.37 0.00
RAVENSWOOD___4 23820	23.33 1.25 1.00	25.69 1.06 0.00	23.82 1.05 0.00	21.28 0.94 0.00	22.45 1.01 0.00	25.53 1.05 0.00	30.17 1.32 0.00	29.33 1.38 0.00	26.58 1.36 0.00	25.85 1.29 0.00	26.62 1.37 0.00	25.51 1.48 0.00	33.15 2.02 5.45	43.18 2.74 8.73	43.22 2.83 8.73	37.23 2.66 6.08	43.31 3.30 7.28	145.22 8.53 1.30	54.61 3.07 2.06	39.07 1.95 0.07	43.07 1.97 0.00	40.61 1.72 0.45	34.48 1.64 1.03	33.57 1.38 0.00
RCPL_TRUST___DRP 24196	23.30 1.22 1.01	25.68 1.05 0.00	23.78 1.02 0.00	21.25 0.91 0.00	22.42 0.99 0.00	25.52 1.05 0.00	30.16 1.31 0.00	29.30 1.35 0.00	26.53 1.32 0.00	25.86 1.30 0.00	26.64 1.39 0.00	25.50 1.48 0.00	33.17 2.05 5.45	43.25 2.81 8.73	43.28 2.88 8.73	37.25 2.68 6.08	43.32 3.31 7.28	145.36 8.67 1.30	54.66 3.12 2.06	39.17 1.98 0.00	43.10 2.01 0.00	41.09 1.75 0.00	35.52 1.66 0.00	33.59 1.40 0.00
RED___ROCHESTER 323720	17.03 -1.22 4.84	23.49 -1.14 0.00	21.55 -1.21 0.00	19.20 -1.14 0.00	20.26 -1.17 0.00	23.32 -1.15 0.00	27.56 -1.29 0.00	26.41 -1.54 0.00	23.76 -1.46 0.00	23.11 -1.44 0.00	23.75 -1.50 0.00	22.46 -1.57 0.00	4.87 -1.97 29.73	1.52 -2.54 45.11	1.64 -2.38 45.11	8.05 -2.59 30.01	9.05 -3.20 35.06	122.56 -9.18 6.25	39.96 -3.45 10.18	34.98 -2.20 0.00	38.82 -2.27 0.00	37.38 -1.96 0.00	32.27 -1.59 0.00	30.83 -1.36 0.00
REGAN___SOLAR 323812	23.16 1.01 0.93	25.67 1.04 0.00	23.74 0.98 0.00	21.21 0.87 0.00	22.39 0.95 0.00	25.63 1.15 0.00	30.14 1.29 0.00	29.26 1.31 0.00	26.05 0.83 0.00	25.07 0.52 0.00	25.55 0.30 0.00	24.24 0.21 0.00	33.29 -0.04 3.25	44.21 0.24 5.20	44.20 0.27 5.20	35.56 0.37 5.46	41.71 1.12 6.71	141.44 4.66 1.19	53.87 2.17 1.90	38.96 1.78 0.00	43.21 2.11 0.00	41.36 2.02 0.00	35.50 1.64 0.00	33.68 1.49 0.00
RENSSELAER___COGEN 23796	22.44 0.07 0.71	24.63 0.00 0.00	22.82 0.06 0.00	20.42 0.08 0.00	21.54 0.11 0.00	24.55 0.08 0.00	28.85 0.00 0.00	27.95 0.00 0.00	25.20 -0.02 0.00	24.54 -0.02 0.00	25.21 -0.04 0.00	23.98 -0.05 0.00	32.82 -0.14 3.62	43.13 -0.24 5.80	43.04 -0.29 5.80	36.24 -0.14 4.28	41.99 -0.15 5.15	137.19 0.13 0.92	52.22 0.08 1.46	37.07 -0.11 0.00	41.01 -0.09 0.00	39.19 -0.15 0.00	33.71 -0.14 0.00	32.08 -0.11 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.99 1.60 0.69	26.31 1.68 0.00	24.28 1.52 0.00	21.83 1.49 0.00	23.09 1.65 0.00	26.41 1.94 0.00	31.02 2.16 0.00	30.39 2.44 0.00	26.90 1.68 0.00	25.94 1.38 0.00	26.65 1.40 0.00	25.17 1.14 0.00	35.49 2.23 3.31	47.50 3.64 5.31	47.36 3.54 5.31	38.67 2.13 4.12	44.88 2.55 4.97	151.21 14.12 0.88	57.08 4.89 1.41	40.11 2.92 0.00	44.60 3.51 0.00	42.67 3.33 0.00	35.69 1.83 0.00	33.77 1.58 0.00
REVERE_CPPR_DRP 24186	18.76 0.37 4.69	25.05 0.42 0.00	23.17 0.40 0.00	20.67 0.33 0.00	21.86 0.42 0.00	25.05 0.58 0.00	29.65 0.80 0.00	28.68 0.73 0.00	25.74 0.53 0.00	25.00 0.45 0.00	25.65 0.41 0.00	24.26 0.23 0.00	10.20 0.30 26.67	6.37 0.37 43.17	6.41 0.44 43.17	12.04 0.35 28.95	14.02 0.68 33.96	134.70 2.77 6.05	45.31 1.31 9.60	38.24 1.06 0.00	42.32 1.22 0.00	40.51 1.17 0.00	34.77 0.92 0.00	32.91 0.72 0.00
REYNLDPA_13_KV_LD 356490	22.41 0.09 0.76	24.94 0.31 0.00	22.97 0.20 0.00	20.49 0.15 0.00	21.54 0.10 0.00	24.63 0.16 0.00	29.07 0.22 0.00	28.22 0.27 0.00	25.47 0.25 0.00	24.88 0.32 0.00	25.60 0.35 0.00	24.36 0.33 0.00	32.74 0.48 4.32	42.77 0.59 7.00	42.76 0.63 7.00	36.40 0.46 4.70	42.18 0.41 5.52	138.00 1.01 0.98	51.84 -0.20 1.56	37.54 0.35 0.00	41.52 0.42 0.00	39.83 0.49 0.00	34.18 0.32 0.00	32.57 0.38 0.00
REYNOLDS_115KV_TB3 80639	22.56 0.18 0.71	24.75 0.12 0.00	22.93 0.17 0.00	20.54 0.20 0.00	21.66 0.22 0.00	24.69 0.21 0.00	29.00 0.14 0.00	28.12 0.16 0.00	25.33 0.11 0.00	24.65 0.09 0.00	25.33 0.08 0.00	24.09 0.06 0.00	33.02 0.04 3.59	43.51 0.09 5.76	43.39 0.02 5.76	36.44 0.05 4.27	42.25 0.09 5.14	138.14 1.08 0.91	52.58 0.43 1.45	37.29 0.10 0.00	41.25 0.16 0.00	39.43 0.09 0.00	33.90 0.04 0.00	32.25 0.06 0.00
RIVERBAY____ 323610	23.82 1.74 1.00	26.25 1.62 0.00	24.37 1.60 0.00	21.73 1.39 0.00	22.93 1.50 0.00	26.11 1.64 0.00	30.88 2.02 0.00	30.01 2.06 0.00	27.18 1.96 0.00	26.34 1.79 0.00	27.14 1.89 0.00	26.04 2.01 0.00	33.81 2.68 5.45	44.23 3.79 8.73	44.20 3.80 8.73	38.04 3.47 6.08	44.22 4.21 7.28	147.91 11.23 1.30	55.66 4.12 2.06	39.92 2.73 0.00	43.92 2.82 0.00	41.92 2.58 0.00	36.29 2.43 0.00	34.30 2.11 0.00
RIVERSDE_115KV_TB3 55908	22.51 0.14 0.71	24.69 0.06 0.00	22.89 0.12 0.00	20.48 0.15 0.00	21.61 0.17 0.00	24.63 0.15 0.00	28.94 0.09 0.00	28.06 0.11 0.00	25.28 0.06 0.00	24.61 0.06 0.00	25.29 0.04 0.00	24.06 0.03 0.00	32.96 -0.03 3.58	43.40 -0.04 5.74	43.29 -0.10 5.74	36.38 -0.01 4.26	42.16 0.00 5.13	137.76 0.70 0.91	52.44 0.29 1.45	37.21 0.02 0.00	41.14 0.05 0.00	39.33 -0.01 0.00	33.81 -0.04 0.00	32.17 -0.02 0.00
ROARING___BROOK_WT_PWR 323790	22.01 -0.50 0.57	24.30 -0.33 0.00	22.53 -0.24 0.00	20.07 -0.27 0.00	21.19 -0.24 0.00	24.27 -0.20 0.00	28.63 -0.22 0.00	27.80 -0.15 0.00	25.07 -0.14 0.00	24.50 -0.06 0.00	25.21 -0.04 0.00	23.97 -0.05 0.00	33.26 -0.07 3.24	43.79 -0.14 5.25	43.77 -0.11 5.25	36.96 -0.17 3.52	42.83 -0.34 4.13	136.08 -1.16 0.74	52.06 -0.37 1.17	37.05 -0.14 0.00	40.92 -0.18 0.00	39.18 -0.17 0.00	33.69 -0.17 0.00	32.06 -0.13 0.00

ROCHESRG_115KV_T4 355643	16.91 -1.41 4.76	23.28 -1.35 0.00	21.37 -1.39 0.00	19.04 -1.30 0.00	20.08 -1.36 0.00	23.10 -1.37 0.00	27.29 -1.57 0.00	26.16 -1.79 0.00	23.53 -1.68 0.00	22.90 -1.66 0.00	23.54 -1.71 0.00	22.26 -1.76 0.00	5.04 -2.25 29.28	1.79 -3.07 44.32	1.98 -2.84 44.32	8.24 -2.93 29.48	9.23 -3.63 34.43	120.32 -10.47 7.19	39.35 -4.01 10.24	34.55 -2.63 0.00	38.36 -2.74 0.00	36.95 -2.39 0.00	31.93 -1.93 0.00	30.52 -1.67 0.00
ROCHESTER_9_IC 23652	16.93 -1.31 4.84	23.39 -1.24 0.00	21.46 -1.30 0.00	19.12 -1.22 0.00	20.18 -1.25 0.00	23.22 -1.25 0.00	27.44 -1.42 0.00	26.29 -1.66 0.00	23.66 -1.56 0.00	23.01 -1.54 0.00	23.66 -1.59 0.00	22.36 -1.66 0.00	4.74 -2.10 29.73	1.21 -2.86 45.11	1.38 -2.64 45.11	7.88 -2.76 30.01	8.82 -3.42 35.06	121.91 -9.83 6.25	39.71 -3.71 10.18	34.77 -2.42 0.00	38.60 -2.50 0.00	37.18 -2.16 0.00	32.11 -1.75 0.00	30.68 -1.51 0.00
ROCKVIEW_13_KV_LD 356306	23.28 1.20 1.01	25.67 1.04 0.00	23.77 1.01 0.00	21.24 0.90 0.00	22.41 0.97 0.00	25.52 1.05 0.00	30.15 1.30 0.00	29.27 1.32 0.00	26.49 1.27 0.00	25.80 1.25 0.00	26.57 1.32 0.00	25.42 1.40 0.00	33.06 1.93 5.45	43.08 2.64 8.73	43.11 2.71 8.73	37.11 2.54 6.08	43.15 3.13 7.28	145.06 8.37 1.30	54.56 3.02 2.06	39.13 1.94 0.00	43.08 1.99 0.00	41.09 1.75 0.00	35.50 1.64 0.00	33.58 1.39 0.00
ROME____115KV_TB2 80656	18.76 0.37 4.69	25.05 0.42 0.00	23.17 0.40 0.00	20.67 0.33 0.00	21.86 0.42 0.00	25.05 0.58 0.00	29.65 0.80 0.00	28.68 0.73 0.00	25.74 0.53 0.00	25.00 0.45 0.00	25.65 0.41 0.00	24.26 0.23 0.00	10.20 0.30 26.67	6.37 0.37 43.17	6.41 0.44 43.17	12.04 0.35 28.95	14.02 0.68 33.96	134.70 2.77 6.05	45.31 1.31 9.60	38.24 1.06 0.00	42.32 1.22 0.00	40.51 1.17 0.00	34.77 0.92 0.00	32.91 0.72 0.00
ROSETON___1 23587	23.00 0.93 1.02	25.42 0.79 0.00	23.54 0.77 0.00	21.03 0.69 0.00	22.19 0.75 0.00	25.27 0.80 0.00	29.84 0.99 0.00	28.94 0.99 0.00	26.17 0.95 0.00	25.48 0.93 0.00	26.24 0.99 0.00	25.09 1.06 0.00	32.51 1.45 5.51	42.30 1.95 8.82	42.33 2.03 8.82	36.44 1.93 6.14	42.35 2.41 7.35	143.09 6.42 1.31	53.84 2.31 2.08	38.64 1.45 0.00	42.57 1.48 0.00	40.62 1.29 0.00	35.08 1.23 0.00	33.24 1.05 0.00
ROSETON___2 23588	23.00 0.93 1.02	25.42 0.79 0.00	23.54 0.77 0.00	21.03 0.69 0.00	22.19 0.75 0.00	25.27 0.80 0.00	29.84 0.99 0.00	28.94 0.99 0.00	26.17 0.95 0.00	25.48 0.93 0.00	26.24 0.99 0.00	25.09 1.06 0.00	32.51 1.45 5.51	42.30 1.95 8.82	42.33 2.03 8.82	36.44 1.93 6.14	42.35 2.41 7.35	143.09 6.42 1.31	53.84 2.31 2.08	38.64 1.45 0.00	42.57 1.48 0.00	40.62 1.29 0.00	35.08 1.23 0.00	33.24 1.05 0.00
ROTTRDAM_115KV_TB3 80664	22.76 0.37 0.69	24.96 0.33 0.00	23.11 0.35 0.00	20.67 0.33 0.00	21.81 0.37 0.00	24.88 0.41 0.00	29.29 0.44 0.00	28.40 0.45 0.00	25.56 0.34 0.00	24.84 0.28 0.00	25.53 0.27 0.00	24.26 0.23 0.00	33.65 0.32 3.25	44.45 0.48 5.20	44.39 0.46 5.20	36.89 0.36 4.12	42.85 0.54 4.98	139.20 2.11 0.89	53.07 0.88 1.41	37.70 0.52 0.00	41.68 0.59 0.00	39.87 0.54 0.00	34.29 0.43 0.00	32.58 0.39 0.00
RUSSELL___1 23602	17.03 -1.21 4.84	23.49 -1.14 0.00	21.55 -1.21 0.00	19.20 -1.14 0.00	20.26 -1.17 0.00	23.32 -1.15 0.00	27.56 -1.30 0.00	26.41 -1.54 0.00	23.76 -1.46 0.00	23.11 -1.44 0.00	23.75 -1.50 0.00	22.46 -1.57 0.00	4.89 -1.95 29.73	1.41 -2.66 45.11	1.59 -2.44 45.11	8.04 -2.60 30.01	9.01 -3.23 35.06	122.52 -9.21 6.25	39.98 -3.44 10.18	34.98 -2.20 0.00	38.83 -2.27 0.00	37.39 -1.95 0.00	32.28 -1.58 0.00	30.83 -1.36 0.00
RUSSELL___2 23532	17.03 -1.21 4.84	23.49 -1.14 0.00	21.55 -1.21 0.00	19.20 -1.14 0.00	20.26 -1.17 0.00	23.32 -1.15 0.00	27.56 -1.30 0.00	26.41 -1.54 0.00	23.76 -1.46 0.00	23.11 -1.44 0.00	23.75 -1.50 0.00	22.46 -1.57 0.00	4.89 -1.95 29.73	1.41 -2.66 45.11	1.59 -2.44 45.11	8.04 -2.60 30.01	9.01 -3.23 35.06	122.52 -9.21 6.25	39.98 -3.44 10.18	34.98 -2.20 0.00	38.83 -2.27 0.00	37.39 -1.95 0.00	32.28 -1.58 0.00	30.83 -1.36 0.00
RUSSELL___3 23549	17.03 -1.21 4.84	23.49 -1.14 0.00	21.55 -1.21 0.00	19.20 -1.14 0.00	20.26 -1.17 0.00	23.32 -1.15 0.00	27.56 -1.30 0.00	26.41 -1.54 0.00	23.76 -1.46 0.00	23.11 -1.44 0.00	23.75 -1.50 0.00	22.46 -1.57 0.00	4.89 -1.95 29.73	1.41 -2.66 45.11	1.59 -2.44 45.11	8.04 -2.60 30.01	9.01 -3.23 35.06	122.52 -9.21 6.25	39.98 -3.44 10.18	34.98 -2.20 0.00	38.83 -2.27 0.00	37.39 -1.95 0.00	32.28 -1.58 0.00	30.83 -1.36 0.00
RUSSELL___4 23556	17.03 -1.21 4.84	23.49 -1.14 0.00	21.55 -1.21 0.00	19.20 -1.14 0.00	20.26 -1.17 0.00	23.32 -1.15 0.00	27.56 -1.30 0.00	26.41 -1.54 0.00	23.76 -1.46 0.00	23.11 -1.44 0.00	23.75 -1.50 0.00	22.46 -1.57 0.00	4.89 -1.95 29.73	1.41 -2.66 45.11	1.59 -2.44 45.11	8.04 -2.60 30.01	9.01 -3.23 35.06	122.52 -9.21 6.25	39.98 -3.44 10.18	34.98 -2.20 0.00	38.83 -2.27 0.00	37.39 -1.95 0.00	32.28 -1.58 0.00	30.83 -1.36 0.00
RUSSELL___STATION 23914	17.03 -1.21 4.84	23.49 -1.14 0.00	21.55 -1.21 0.00	19.20 -1.14 0.00	20.26 -1.17 0.00	23.32 -1.15 0.00	27.56 -1.30 0.00	26.41 -1.54 0.00	23.76 -1.46 0.00	23.11 -1.44 0.00	23.75 -1.50 0.00	22.46 -1.57 0.00	4.89 -1.95 29.73	1.41 -2.66 45.11	1.59 -2.44 45.11	8.04 -2.60 30.01	9.01 -3.23 35.06	122.52 -9.21 6.25	39.98 -3.44 10.18	34.98 -2.20 0.00	38.83 -2.27 0.00	37.39 -1.95 0.00	32.28 -1.58 0.00	30.83 -1.36 0.00
S SALMON___HYD 24043	12.09 -1.01 9.98	23.66 -0.97 0.00	21.88 -0.88 0.00	19.52 -0.82 0.00	20.66 -0.77 0.00	23.70 -0.77 0.00	28.04 -0.81 0.00	27.06 -0.89 0.00	24.24 -0.98 0.00	23.48 -1.08 0.00	24.06 -1.19 0.00	22.77 -1.25 0.00	-21.63 -1.79 56.42	-44.75 -2.38 91.54	-44.71 -2.29 91.55	-22.89 -1.98 61.56	-27.26 -2.25 72.30	119.35 -5.75 12.88	31.11 -2.06 20.43	36.00 -1.18 0.00	39.85 -1.25 0.00	38.23 -1.11 0.00	32.87 -0.99 0.00	31.12 -1.07 0.00
S.PERRY__115KV_TB1 80734	17.02 -0.78 5.28	23.95 -0.68 0.00	22.02 -0.75 0.00	19.65 -0.69 0.00	20.79 -0.65 0.00	24.01 -0.47 0.00	28.48 -0.37 0.00	27.17 -0.78 0.00	24.02 -1.20 0.00	23.29 -1.27 0.00	23.85 -1.40 0.00	22.54 -1.49 0.00	2.69 -1.80 32.08	-2.88 -2.44 49.62	-2.70 -2.21 49.62	5.32 -2.43 32.90	5.85 -3.11 38.33	148.55 -8.91 -19.49	44.84 -3.35 5.40	35.57 -1.62 0.00	39.77 -1.33 0.00	38.37 -0.97 0.00	33.04 -0.82 0.00	31.45 -0.75 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.30 -1.91 4.88	22.83 -1.80 0.00	20.87 -1.89 0.00	18.55 -1.79 0.00	19.56 -1.88 0.00	22.58 -1.89 0.00	26.66 -2.20 0.00	25.39 -2.56 0.00	22.87 -2.35 0.00	22.27 -2.28 0.00	22.97 -2.28 0.00	21.65 -2.38 0.00	3.92 -2.75 29.90	-0.26 -3.68 45.75	0.12 -3.28 45.73	6.77 -3.76 30.11	7.34 -4.86 35.09	110.01 -14.67 13.29	35.61 -5.78 12.21	33.24 -3.94 0.00	36.95 -4.15 0.00	35.78 -3.56 0.00	31.11 -2.75 0.00	29.89 -2.31 0.00

SAWYER___23_KV_LOAD 55526	16.30 -1.91 4.88	22.83 -1.80 0.00	20.87 -1.89 0.00	18.55 -1.79 0.00	19.56 -1.88 0.00	22.58 -1.89 0.00	26.66 -2.20 0.00	25.39 -2.56 0.00	22.87 -2.35 0.00	22.27 -2.28 0.00	22.97 -2.28 0.00	21.65 -2.38 0.00	3.92 -2.75 29.90	-0.26 -3.68 45.75	0.12 -3.28 45.73	6.77 -3.76 30.11	7.34 -4.86 35.09	110.01 -14.67 13.29	35.61 -5.78 12.21	33.24 -3.94 0.00	36.95 -4.15 0.00	35.78 -3.56 0.00	31.11 -2.75 0.00	29.89 -2.31 0.00
SELKIRK___I 23801	22.62 0.26 0.73	24.86 0.23 0.00	23.05 0.28 0.00	20.61 0.27 0.00	21.73 0.29 0.00	24.77 0.30 0.00	29.12 0.27 0.00	28.10 0.15 0.00	25.35 0.13 0.00	24.64 0.09 0.00	25.30 0.05 0.00	24.03 0.00 0.00	32.69 -0.01 3.88	42.90 -0.05 6.22	42.76 -0.15 6.22	36.14 -0.01 4.50	42.02 0.08 5.36	138.11 1.07 0.95	52.51 0.42 1.50	37.37 0.19 0.00	41.36 0.26 0.00	39.55 0.21 0.00	34.04 0.19 0.00	32.37 0.18 0.00
SELKIRK___II 23799	22.55 0.18 0.72	24.74 0.11 0.00	22.93 0.17 0.00	20.51 0.17 0.00	21.64 0.21 0.00	24.67 0.19 0.00	29.01 0.16 0.00	28.09 0.15 0.00	25.34 0.12 0.00	24.66 0.10 0.00	25.34 0.09 0.00	24.11 0.08 0.00	32.94 0.06 3.70	43.31 0.06 5.92	43.22 0.01 5.92	36.43 0.10 4.32	42.24 0.14 5.19	137.84 0.79 0.92	52.44 0.31 1.47	37.26 0.07 0.00	41.19 0.09 0.00	39.39 0.04 0.00	33.91 0.05 0.00	32.23 0.04 0.00
SENECA OSWGO___HYD 24041	10.29 -1.04 11.75	23.54 -1.09 0.00	21.75 -1.02 0.00	19.42 -0.92 0.00	20.50 -0.93 0.00	23.48 -0.99 0.00	27.76 -1.09 0.00	26.79 -1.17 0.00	24.08 -1.14 0.00	23.39 -1.16 0.00	24.03 -1.22 0.00	22.78 -1.25 0.00	-31.63 -1.86 66.34	-60.98 -2.45 107.71	-61.04 -2.46 107.71	-33.97 -2.15 72.46	-40.31 -2.47 85.13	115.93 -6.88 15.16	27.04 -2.50 24.06	35.57 -1.61 0.00	39.38 -1.71 0.00	37.76 -1.58 0.00	32.49 -1.37 0.00	30.84 -1.35 0.00
SENECA___115KV_TB3 355854	16.52 -1.61 4.95	23.13 -1.51 0.00	21.17 -1.60 0.00	18.82 -1.52 0.00	19.86 -1.58 0.00	22.94 -1.53 0.00	27.10 -1.75 0.00	25.96 -1.99 0.00	23.32 -1.90 0.00	22.77 -1.79 0.00	23.31 -1.93 0.00	21.98 -2.05 0.00	4.04 -2.25 30.29	-0.31 -3.00 46.49	0.05 -2.58 46.50	6.87 -2.89 30.89	7.48 -3.83 35.99	111.23 -12.31 14.44	36.08 -5.06 12.46	33.77 -3.41 0.00	37.51 -3.59 0.00	36.31 -3.03 0.00	31.55 -2.31 0.00	30.24 -1.95 0.00
SENECA___ENERGY 23797	13.48 -0.98 8.62	23.64 -0.98 0.00	21.82 -0.94 0.00	19.48 -0.85 0.00	20.57 -0.86 0.00	23.62 -0.86 0.00	27.87 -0.98 0.00	26.82 -1.13 0.00	24.05 -1.16 0.00	23.37 -1.19 0.00	23.96 -1.29 0.00	22.69 -1.34 0.00	-15.15 -1.87 49.86	-32.97 -2.47 79.68	-32.93 -2.39 79.68	-14.90 -2.23 53.32	-17.83 -2.67 62.46	121.18 -7.46 9.34	33.54 -2.74 17.32	35.59 -1.60 0.00	39.37 -1.72 0.00	37.80 -1.54 0.00	32.59 -1.27 0.00	30.93 -1.26 0.00
SHOEMAKER___GT 23640	22.77 0.77 1.09	25.28 0.65 0.00	23.40 0.64 0.00	20.91 0.57 0.00	22.05 0.62 0.00	25.13 0.66 0.00	29.67 0.82 0.00	28.74 0.79 0.00	25.96 0.74 0.00	25.25 0.70 0.00	25.96 0.72 0.00	24.81 0.78 0.00	31.67 1.04 5.94	41.06 1.40 9.51	41.09 1.47 9.51	35.53 1.48 6.59	41.25 1.85 7.90	141.58 5.01 1.41	53.19 1.83 2.23	38.36 1.18 0.00	42.32 1.22 0.00	40.40 1.06 0.00	34.91 1.05 0.00	33.08 0.89 0.00
SHOEMAKR_138KV_BK 111 55601	22.76 0.77 1.10	25.28 0.65 0.00	23.40 0.64 0.00	20.91 0.57 0.00	22.06 0.63 0.00	25.14 0.66 0.00	29.68 0.83 0.00	28.75 0.80 0.00	25.98 0.76 0.00	25.27 0.72 0.00	26.00 0.75 0.00	24.84 0.81 0.00	31.69 1.08 5.97	41.10 1.49 9.56	41.11 1.55 9.56	35.55 1.54 6.63	41.28 1.92 7.94	141.73 5.17 1.41	53.23 1.88 2.24	38.39 1.21 0.00	42.33 1.23 0.00	40.41 1.07 0.00	34.91 1.05 0.00	33.09 0.89 0.00
SHOREHAM_IC_1 23715	23.66 1.58 1.00	26.10 1.47 0.00	24.12 1.36 0.00	21.54 1.20 0.00	22.75 1.32 0.00	25.97 1.50 0.00	30.69 1.83 0.00	29.68 1.73 0.00	26.83 1.62 0.00	26.09 1.53 0.00	26.94 1.70 0.00	23.85 1.89 2.07	30.93 2.62 8.27	41.37 3.31 11.12	42.78 3.66 10.02	41.72 3.88 2.81	31.88 4.62 20.04	136.93 11.40 12.46	57.20 4.30 0.70	35.90 2.94 4.22	47.96 3.09 -3.78	45.91 3.02 -3.56	40.88 2.72 -4.30	33.03 2.34 1.49
SHOREHAM_IC_2 23716	23.65 1.57 1.00	26.10 1.47 0.00	24.12 1.36 0.00	21.54 1.20 0.00	22.75 1.32 0.00	25.97 1.50 0.00	30.69 1.83 0.00	29.68 1.73 0.00	26.83 1.62 0.00	26.09 1.53 0.00	26.94 1.69 0.00	23.83 1.87 2.07	30.91 2.61 8.27	41.40 3.35 11.12	42.79 3.68 10.02	41.71 3.88 2.81	31.91 4.66 20.04	136.96 11.43 12.46	57.17 4.27 0.70	35.90 2.94 4.22	47.96 3.09 -3.78	45.92 3.03 -3.56	40.88 2.73 -4.30	33.04 2.34 1.49
SISSONVILLE____ 23735	21.02 -0.22 1.85	24.66 0.03 0.00	22.70 -0.06 0.00	20.24 -0.09 0.00	21.30 -0.14 0.00	24.37 -0.10 0.00	28.65 -0.20 0.00	27.81 -0.14 0.00	25.03 -0.19 0.00	24.46 -0.09 0.00	25.14 -0.11 0.00	23.95 -0.07 0.00	25.97 -0.14 10.47	31.98 -0.22 16.97	32.02 -0.14 16.97	28.99 -0.25 11.40	33.38 -0.53 13.39	134.15 -1.45 2.38	48.89 -0.93 3.78	37.08 -0.10 0.00	40.90 -0.19 0.00	39.42 0.07 0.00	33.92 0.07 0.00	32.27 0.07 0.00
SITHE_IND_GS1 24169	6.04 -1.15 15.89	23.43 -1.20 0.00	21.64 -1.12 0.00	19.32 -1.02 0.00	20.39 -1.04 0.00	23.34 -1.13 0.00	27.56 -1.29 0.00	26.60 -1.36 0.00	23.95 -1.27 0.00	23.30 -1.26 0.00	23.93 -1.32 0.00	22.71 -1.31 0.00	-54.53 -1.92 89.18	-98.48 -2.56 145.10	-98.50 -2.53 145.10	-59.41 -2.22 97.84	-70.38 -2.59 115.09	110.15 -7.33 20.50	18.29 -2.79 32.52	35.33 -1.86 0.00	39.09 -2.01 0.00	37.47 -1.87 0.00	32.28 -1.58 0.00	30.67 -1.52 0.00
SITHE_IND_GS2 24170	6.04 -1.15 15.89	23.43 -1.20 0.00	21.64 -1.12 0.00	19.32 -1.02 0.00	20.39 -1.04 0.00	23.34 -1.13 0.00	27.56 -1.29 0.00	26.60 -1.36 0.00	23.95 -1.27 0.00	23.30 -1.26 0.00	23.93 -1.32 0.00	22.71 -1.31 0.00	-54.53 -1.92 89.18	-98.48 -2.56 145.10	-98.50 -2.53 145.10	-59.41 -2.22 97.84	-70.38 -2.59 115.09	110.15 -7.33 20.50	18.29 -2.79 32.52	35.33 -1.86 0.00	39.09 -2.01 0.00	37.47 -1.87 0.00	32.28 -1.58 0.00	30.67 -1.52 0.00
SITHE_IND_GS3 24171	6.04 -1.15 15.89	23.43 -1.20 0.00	21.64 -1.12 0.00	19.32 -1.02 0.00	20.39 -1.04 0.00	23.34 -1.13 0.00	27.56 -1.29 0.00	26.60 -1.36 0.00	23.95 -1.27 0.00	23.30 -1.26 0.00	23.93 -1.32 0.00	22.71 -1.31 0.00	-54.53 -1.92 89.18	-98.48 -2.56 145.10	-98.50 -2.53 145.10	-59.41 -2.22 97.84	-70.38 -2.59 115.09	110.15 -7.33 20.50	18.29 -2.79 32.52	35.33 -1.86 0.00	39.09 -2.01 0.00	37.47 -1.87 0.00	32.28 -1.58 0.00	30.67 -1.52 0.00
SITHE_IND_GS4 24172	6.04 -1.15 15.89	23.43 -1.20 0.00	21.64 -1.12 0.00	19.32 -1.02 0.00	20.39 -1.04 0.00	23.34 -1.13 0.00	27.56 -1.29 0.00	26.60 -1.36 0.00	23.95 -1.27 0.00	23.30 -1.26 0.00	23.93 -1.32 0.00	22.71 -1.31 0.00	-54.53 -1.92 89.18	-98.48 -2.56 145.10	-98.50 -2.53 145.10	-59.41 -2.22 97.84	-70.38 -2.59 115.09	110.15 -7.33 20.50	18.29 -2.79 32.52	35.33 -1.86 0.00	39.09 -2.01 0.00	37.47 -1.87 0.00	32.28 -1.58 0.00	30.67 -1.52 0.00

SITHE____BATAVIA 24024	16.90 -1.29 4.90	23.42 -1.21 0.00	21.42 -1.34 0.00	19.05 -1.28 0.00	20.13 -1.31 0.00	23.25 -1.22 0.00	27.50 -1.35 0.00	26.18 -1.77 0.00	23.32 -1.90 0.00	22.61 -1.94 0.00	23.22 -2.04 0.00	21.87 -2.16 0.00	4.11 -2.45 30.01	0.40 -3.02 45.75	0.58 -2.79 45.76	7.05 -3.21 30.39	7.70 -4.13 35.47	114.94 -12.83 10.20	37.59 -4.75 11.25	34.34 -2.85 0.00	38.33 -2.77 0.00	37.10 -2.24 0.00	32.13 -1.73 0.00	30.78 -1.41 0.00
SITHE____INDEPEND 23800	6.04 -1.15 15.89	23.43 -1.20 0.00	21.64 -1.12 0.00	19.32 -1.02 0.00	20.39 -1.04 0.00	23.34 -1.13 0.00	27.56 -1.30 0.00	26.60 -1.36 0.00	23.94 -1.27 0.00	23.30 -1.26 0.00	23.93 -1.32 0.00	22.71 -1.31 0.00	-54.52 -1.91 89.18	-98.51 -2.58 145.10	-98.52 -2.55 145.10	-59.41 -2.21 97.84	-70.39 -2.59 115.09	110.14 -7.34 20.50	18.29 -2.79 32.52	35.33 -1.86 0.00	39.09 -2.01 0.00	37.47 -1.87 0.00	32.28 -1.58 0.00	30.67 -1.52 0.00
SITHE____MASSENA 23902	22.19 0.05 0.95	24.91 0.28 0.00	22.94 0.17 0.00	20.46 0.12 0.00	21.51 0.08 0.00	24.61 0.13 0.00	29.02 0.17 0.00	28.16 0.21 0.00	25.41 0.19 0.00	24.89 0.33 0.00	25.60 0.35 0.00	24.36 0.33 0.00	31.70 0.50 5.37	41.08 0.61 8.71	41.10 0.67 8.71	35.27 0.47 5.85	40.84 0.42 6.87	137.81 1.06 1.22	51.73 0.07 1.94	37.61 0.43 0.00	41.44 0.35 0.00	39.80 0.46 0.00	34.15 0.30 0.00	32.53 0.34 0.00
SITHE____OGDNSBRG 24021	21.87 0.29 1.50	25.20 0.57 0.00	23.19 0.42 0.00	20.68 0.34 0.00	21.75 0.32 0.00	24.91 0.43 0.00	29.36 0.51 0.00	28.47 0.51 0.00	25.56 0.34 0.00	24.87 0.31 0.00	25.53 0.28 0.00	24.31 0.28 0.00	28.52 0.43 8.49	35.99 0.58 13.76	36.09 0.72 13.76	31.87 0.46 9.25	36.85 0.41 10.86	137.36 1.31 1.93	50.75 0.22 3.07	37.86 0.68 0.00	41.94 0.85 0.00	40.37 1.03 0.00	34.63 0.77 0.00	32.94 0.75 0.00
SITHE____STERLING 23777	17.94 0.19 5.34	24.85 0.22 0.00	22.98 0.22 0.00	20.51 0.18 0.00	21.68 0.24 0.00	24.84 0.36 0.00	29.38 0.52 0.00	28.40 0.45 0.00	25.52 0.30 0.00	24.77 0.21 0.00	25.44 0.19 0.00	24.08 0.06 0.00	6.24 0.06 30.39	0.07 0.07 49.17	0.06 0.10 49.17	7.75 0.08 32.97	8.90 0.28 38.67	132.46 1.37 6.89	43.50 0.73 10.84	37.80 0.61 0.00	41.83 0.73 0.00	40.05 0.72 0.00	34.42 0.56 0.00	32.60 0.41 0.00
SLEIGHT__34_KV_TB1 80719	15.82 -1.21 6.05	23.42 -1.21 0.00	21.57 -1.20 0.00	19.23 -1.10 0.00	20.30 -1.13 0.00	23.35 -1.13 0.00	27.60 -1.25 0.00	26.49 -1.46 0.00	23.76 -1.45 0.00	23.09 -1.47 0.00	23.71 -1.54 0.00	22.43 -1.59 0.00	-1.77 -2.16 36.19	-9.92 -2.95 56.14	-9.81 -2.80 56.15	0.45 -2.74 37.47	0.17 -3.30 43.83	120.95 -9.22 7.81	37.67 -3.39 12.54	35.10 -2.09 0.00	38.95 -2.15 0.00	37.40 -1.94 0.00	32.25 -1.61 0.00	30.71 -1.49 0.00
SMITHTWN_69_KV_BK 1 55830	23.65 1.57 1.00	26.11 1.48 0.00	24.12 1.36 0.00	21.53 1.19 0.00	22.73 1.30 0.00	25.96 1.48 0.00	30.66 1.80 0.00	29.65 1.70 0.00	26.78 1.56 0.00	26.06 1.50 0.00	26.95 1.70 0.00	23.93 1.86 1.96	31.03 2.58 8.12	41.47 3.29 11.00	42.86 3.56 9.83	41.75 3.56 2.46	31.85 4.30 19.74	136.83 11.10 12.26	57.16 4.14 0.58	36.33 2.89 3.75	48.14 3.01 -4.03	46.10 2.92 -3.85	41.17 2.64 -4.67	33.23 2.29 1.25
SOUTH CAIRO____GT 23612	23.01 0.72 0.79	25.32 0.69 0.00	23.46 0.69 0.00	20.99 0.65 0.00	22.33 0.90 0.00	25.54 1.07 0.00	30.14 1.29 0.00	29.12 1.17 0.00	26.11 0.89 0.00	25.24 0.68 0.00	25.84 0.59 0.00	24.51 0.48 0.00	32.98 0.66 4.26	43.22 0.87 6.82	43.05 0.73 6.82	36.52 0.76 4.88	42.37 0.86 5.78	140.57 3.60 1.02	53.57 1.58 1.61	38.35 1.16 0.00	42.55 1.45 0.00	40.66 1.32 0.00	34.88 1.02 0.00	33.08 0.89 0.00
SOUTH HAMPTN____IC 23720	23.61 1.53 1.00	26.03 1.40 0.00	24.08 1.32 0.00	21.52 1.18 0.00	22.73 1.29 0.00	25.92 1.45 0.00	30.65 1.80 0.00	29.71 1.76 0.00	26.89 1.67 0.00	26.21 1.65 0.00	27.09 1.84 0.00	23.97 2.04 2.10	31.21 2.94 8.31	41.85 3.83 11.16	43.28 4.23 10.08	42.07 4.33 2.91	32.20 5.02 20.12	137.78 12.32 12.51	57.38 4.51 0.73	35.88 3.06 4.36	48.02 3.22 -3.71	45.98 3.17 -3.47	40.91 2.87 -4.19	33.04 2.42 1.57
SOUTHDOW_115KV_TB1 355954	17.18 -0.84 5.06	23.93 -0.70 0.00	22.03 -0.74 0.00	19.58 -0.76 0.00	20.62 -0.81 0.00	23.95 -0.53 0.00	28.36 -0.49 0.00	27.39 -0.56 0.00	24.81 -0.41 0.00	24.19 -0.36 0.00	24.81 -0.44 0.00	23.39 -0.63 0.00	5.40 -0.27 30.90	1.11 -0.40 47.67	1.31 -0.21 47.61	7.92 -1.23 31.50	8.70 -1.92 36.68	121.01 -6.24 10.73	38.92 -2.72 11.96	35.22 -1.97 0.00	38.99 -2.10 0.00	37.70 -1.64 0.00	32.70 -1.16 0.00	31.13 -1.06 0.00
SOUTHOLD_69_KV_BK 2 55809	23.38 1.30 1.00	25.78 1.15 0.00	23.88 1.12 0.00	21.38 1.04 0.00	22.58 1.14 0.00	25.71 1.23 0.00	30.44 1.59 0.00	29.63 1.68 0.00	26.88 1.66 0.00	26.30 1.75 0.00	27.21 1.96 0.00	24.15 2.22 2.10	31.61 3.34 8.31	42.57 4.55 11.16	44.03 4.97 10.08	42.68 4.94 2.91	32.82 5.64 20.12	139.01 13.55 12.51	57.47 4.61 0.73	35.97 3.14 4.36	48.05 3.24 -3.71	46.12 3.30 -3.48	41.05 3.00 -4.19	33.05 2.42 1.56
SOUTHOLD____IC 23719	23.38 1.31 1.00	25.78 1.15 0.00	23.88 1.12 0.00	21.38 1.04 0.00	22.58 1.14 0.00	25.71 1.23 0.00	30.44 1.59 0.00	29.63 1.68 0.00	26.88 1.66 0.00	26.30 1.75 0.00	27.21 1.96 0.00	24.15 2.23 2.10	31.63 3.37 8.31	42.55 4.53 11.16	44.03 4.97 10.08	42.69 4.94 2.91	32.73 5.56 20.12	138.87 13.40 12.51	57.50 4.64 0.73	35.96 3.13 4.36	48.05 3.24 -3.71	46.11 3.30 -3.48	41.05 3.00 -4.19	33.05 2.42 1.56
SOUTH_FORK_WT_PWR 323839	23.05 0.97 1.00	25.42 0.78 0.00	23.56 0.80 0.00	21.13 0.79 0.00	22.30 0.86 0.00	25.34 0.86 0.00	30.02 1.17 0.00	29.33 1.38 0.00	26.65 1.43 0.00	26.17 1.62 0.00	27.12 1.87 0.00	24.11 2.18 2.10	31.66 3.40 8.31	42.66 4.65 11.16	44.14 5.09 10.08	42.74 5.00 2.91	32.67 5.49 20.12	138.23 12.76 12.51	57.04 4.17 0.73	35.61 2.79 4.36	47.65 2.85 -3.71	45.82 3.00 -3.47	40.85 2.80 -4.19	32.78 2.15 1.56
SPIERFLS_115KV_TB 1 80737	23.10 0.71 0.69	25.33 0.70 0.00	23.42 0.66 0.00	20.98 0.64 0.00	22.16 0.72 0.00	25.32 0.85 0.00	29.83 0.97 0.00	29.01 1.05 0.00	25.98 0.77 0.00	25.20 0.64 0.00	25.87 0.62 0.00	24.53 0.51 0.00	34.02 0.75 3.31	45.00 1.13 5.30	44.90 1.07 5.30	37.19 0.65 4.12	43.27 0.95 4.97	142.00 4.91 0.88	54.15 1.96 1.41	38.39 1.21 0.00	42.54 1.45 0.00	40.66 1.32 0.00	34.71 0.85 0.00	32.92 0.73 0.00
ST LAWRENCE____ 23600	22.26 -0.13 0.69	24.69 0.05 0.00	22.74 -0.03 0.00	20.30 -0.04 0.00	21.34 -0.10 0.00	24.39 -0.08 0.00	28.79 -0.07 0.00	27.95 0.00 0.00	25.23 0.01 0.00	24.63 0.07 0.00	25.34 0.10 0.00	24.12 0.09 0.00	32.70 0.11 3.99	42.83 0.09 6.42	42.82 0.11 6.42	36.34 0.05 4.35	42.14 -0.05 5.11	136.83 -0.25 0.91	51.88 -0.28 1.44	37.20 0.02 0.00	41.13 0.04 0.00	39.45 0.11 0.00	33.85 0.00 0.00	32.25 0.05 0.00

STATE_CA_115KV_115_LB 55624	22.55 0.17 0.70	24.73 0.09 0.00	22.91 0.15 0.00	20.51 0.17 0.00	21.63 0.19 0.00	24.67 0.19 0.00	28.99 0.14 0.00	28.09 0.14 0.00	25.33 0.11 0.00	24.66 0.11 0.00	25.34 0.09 0.00	24.11 0.08 0.00	33.08 0.03 3.53	43.55 0.04 5.65	43.46 -0.02 5.65	36.50 0.09 4.24	42.30 0.11 5.11	138.02 0.95 0.91	52.53 0.38 1.44	37.28 0.10 0.00	41.20 0.11 0.00	39.40 0.06 0.00	33.88 0.02 0.00	32.22 0.03 0.00
STATE_ST_34_KV_LOAD 55959	13.25 -0.62 9.21	24.01 -0.62 0.00	22.17 -0.59 0.00	19.81 -0.53 0.00	20.92 -0.52 0.00	23.99 -0.48 0.00	28.26 -0.59 0.00	27.20 -0.75 0.00	24.42 -0.80 0.00	23.70 -0.86 0.00	24.31 -0.94 0.00	23.02 -1.00 0.00	-17.86 -1.43 53.01	-37.85 -1.96 85.07	-37.79 -1.85 85.07	-18.03 -1.73 56.95	-21.42 -1.99 66.73	120.73 -5.36 11.88	33.00 -1.92 18.68	36.23 -0.96 0.00	40.14 -0.96 0.00	38.39 -0.95 0.00	33.12 -0.74 0.00	31.36 -0.83 0.00
STATION_5_MISC_HYD 23604	16.93 -1.31 4.84	23.39 -1.24 0.00	21.46 -1.30 0.00	19.12 -1.22 0.00	20.18 -1.25 0.00	23.22 -1.25 0.00	27.44 -1.41 0.00	26.30 -1.65 0.00	23.66 -1.56 0.00	23.01 -1.54 0.00	23.66 -1.59 0.00	22.36 -1.66 0.00	4.73 -2.12 29.73	1.32 -2.74 45.11	1.44 -2.58 45.11	7.88 -2.76 30.01	8.84 -3.40 35.06	121.95 -9.78 6.25	39.69 -3.73 10.18	34.77 -2.42 0.00	38.59 -2.51 0.00	37.18 -2.16 0.00	32.10 -1.76 0.00	30.68 -1.51 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.01 -1.13 5.94	23.53 -1.10 0.00	21.66 -1.11 0.00	19.31 -1.03 0.00	20.39 -1.04 0.00	23.44 -1.03 0.00	27.71 -1.14 0.00	26.60 -1.35 0.00	23.89 -1.33 0.00	23.20 -1.35 0.00	23.81 -1.44 0.00	22.52 -1.51 0.00	-1.00 -2.00 35.58	-8.68 -2.71 55.14	-8.55 -2.54 55.14	1.35 -2.51 36.78	1.20 -3.07 43.02	121.71 -8.61 7.66	37.97 -3.17 12.46	35.24 -1.95 0.00	39.04 -2.05 0.00	37.56 -1.78 0.00	32.40 -1.45 0.00	30.85 -1.34 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	16.76 -1.39 4.93	23.29 -1.34 0.00	21.38 -1.38 0.00	19.05 -1.29 0.00	20.10 -1.34 0.00	23.13 -1.35 0.00	27.33 -1.52 0.00	26.22 -1.73 0.00	23.58 -1.64 0.00	22.94 -1.62 0.00	23.58 -1.67 0.00	22.30 -1.72 0.00	4.12 -2.24 30.22	0.19 -3.05 45.93	0.36 -2.84 45.93	7.19 -2.89 30.57	8.01 -3.57 35.72	121.38 -10.23 6.36	39.38 -3.85 10.37	34.68 -2.50 0.00	38.48 -2.61 0.00	37.04 -2.30 0.00	31.98 -1.88 0.00	30.55 -1.64 0.00
STA_56___34_KV_BUS2 355983	16.76 -1.39 4.93	23.29 -1.34 0.00	21.38 -1.38 0.00	19.05 -1.29 0.00	20.10 -1.34 0.00	23.13 -1.35 0.00	27.33 -1.52 0.00	26.22 -1.73 0.00	23.58 -1.64 0.00	22.94 -1.62 0.00	23.58 -1.67 0.00	22.30 -1.72 0.00	4.12 -2.24 30.22	0.19 -3.05 45.93	0.36 -2.84 45.93	7.19 -2.89 30.57	8.01 -3.57 35.72	121.38 -10.23 6.36	39.38 -3.85 10.37	34.68 -2.50 0.00	38.48 -2.61 0.00	37.04 -2.30 0.00	31.98 -1.88 0.00	30.55 -1.64 0.00
STA_67___115KV_BK2 355882	16.91 -1.35 4.83	23.34 -1.29 0.00	21.43 -1.34 0.00	19.08 -1.25 0.00	20.14 -1.30 0.00	23.17 -1.30 0.00	27.38 -1.47 0.00	26.24 -1.71 0.00	23.61 -1.61 0.00	22.97 -1.59 0.00	23.61 -1.64 0.00	22.33 -1.70 0.00	4.74 -2.17 29.67	1.23 -2.95 45.00	1.41 -2.73 45.00	7.89 -2.83 29.93	8.82 -3.51 34.97	121.65 -10.10 6.23	39.60 -3.84 10.16	34.69 -2.50 0.00	38.50 -2.59 0.00	37.08 -2.26 0.00	32.04 -1.82 0.00	30.62 -1.57 0.00
STA_7___115KV_9TRANS 80674	17.03 -1.21 4.84	23.49 -1.14 0.00	21.55 -1.21 0.00	19.20 -1.14 0.00	20.26 -1.17 0.00	23.32 -1.15 0.00	27.56 -1.30 0.00	26.41 -1.54 0.00	23.76 -1.46 0.00	23.11 -1.44 0.00	23.75 -1.50 0.00	22.46 -1.57 0.00	4.89 -1.95 29.73	1.41 -2.66 45.11	1.59 -2.44 45.11	8.04 -2.60 30.01	9.01 -3.23 35.06	122.52 -9.21 6.25	39.98 -3.44 10.18	34.98 -2.20 0.00	38.83 -2.27 0.00	37.39 -1.95 0.00	32.28 -1.58 0.00	30.83 -1.36 0.00
STA_82___115KV_TB1 80780	16.84 -1.35 4.90	23.35 -1.28 0.00	21.43 -1.33 0.00	19.09 -1.25 0.00	20.14 -1.29 0.00	23.18 -1.29 0.00	27.39 -1.47 0.00	26.25 -1.69 0.00	23.61 -1.61 0.00	22.97 -1.59 0.00	23.61 -1.64 0.00	22.32 -1.71 0.00	4.36 -2.17 30.04	0.58 -2.96 45.64	0.75 -2.74 45.64	7.44 -2.84 30.36	8.31 -3.52 35.47	121.55 -10.11 6.32	39.45 -3.84 10.30	34.69 -2.50 0.00	38.51 -2.58 0.00	37.10 -2.24 0.00	32.04 -1.82 0.00	30.63 -1.57 0.00
STEEL___WIND 323596	16.50 -1.63 4.95	23.10 -1.53 0.00	21.14 -1.62 0.00	18.81 -1.53 0.00	19.84 -1.59 0.00	22.92 -1.55 0.00	27.08 -1.78 0.00	25.95 -2.00 0.00	23.29 -1.93 0.00	22.74 -1.82 0.00	23.28 -1.97 0.00	21.95 -2.08 0.00	3.96 -2.32 30.29	-0.21 -2.90 46.49	0.05 -2.58 46.50	6.80 -2.95 30.89	7.44 -3.87 35.99	111.11 -12.43 14.44	35.97 -5.17 12.46	33.72 -3.47 0.00	37.44 -3.65 0.00	36.24 -3.10 0.00	31.50 -2.36 0.00	30.18 -2.01 0.00
STEPHTWN_115KV_BK_2 55603	22.79 0.42 0.71	24.95 0.32 0.00	23.12 0.35 0.00	20.68 0.34 0.00	21.82 0.39 0.00	24.94 0.47 0.00	29.29 0.44 0.00	28.34 0.39 0.00	25.48 0.26 0.00	24.91 0.36 0.00	25.54 0.29 0.00	24.30 0.27 0.00	33.34 0.38 3.62	43.87 0.49 5.80	43.75 0.41 5.80	36.86 0.49 4.28	42.75 0.60 5.15	139.15 2.09 0.92	52.98 0.84 1.46	37.61 0.42 0.00	41.65 0.55 0.00	39.67 0.33 0.00	34.15 0.29 0.00	32.49 0.30 0.00
STEUBEN_REC_LFGE 323667	16.13 -1.13 5.83	23.55 -1.08 0.00	21.76 -1.00 0.00	19.51 -0.82 0.00	20.64 -0.80 0.00	23.85 -0.62 0.00	28.24 -0.61 0.00	26.96 -0.99 0.00	24.07 -1.15 0.00	23.41 -1.14 0.00	23.87 -1.38 0.00	22.52 -1.51 0.00	-0.20 -1.77 35.01	-8.34 -2.44 55.08	-8.15 -2.21 55.08	1.92 -2.36 36.37	1.97 -3.06 42.26	138.33 -9.28 -9.63	40.54 -3.55 9.51	35.23 -1.96 0.00	39.11 -1.98 0.00	37.69 -1.65 0.00	32.48 -1.37 0.00	30.87 -1.32 0.00
STILLWATER___SOLAR 323814	23.03 0.63 0.69	25.26 0.63 0.00	23.37 0.60 0.00	20.92 0.58 0.00	22.08 0.65 0.00	25.22 0.75 0.00	29.70 0.85 0.00	28.81 0.86 0.00	25.87 0.65 0.00	25.09 0.54 0.00	25.79 0.54 0.00	24.47 0.45 0.00	33.90 0.66 3.34	44.78 0.95 5.35	44.68 0.89 5.35	37.13 0.60 4.12	43.22 0.89 4.97	141.16 4.06 0.88	53.88 1.68 1.40	38.22 1.03 0.00	42.33 1.24 0.00	40.46 1.12 0.00	34.65 0.79 0.00	32.90 0.71 0.00
STONY___BROOK 24151	23.66 1.58 1.00	26.11 1.48 0.00	24.13 1.37 0.00	21.54 1.20 0.00	22.74 1.31 0.00	25.97 1.50 0.00	30.67 1.82 0.00	29.65 1.70 0.00	26.80 1.58 0.00	26.08 1.52 0.00	26.96 1.72 0.00	23.91 1.88 2.00	31.01 2.61 8.18	41.40 3.28 11.05	42.82 3.59 9.90	41.65 3.60 2.60	31.78 4.34 19.86	136.78 11.13 12.33	57.18 4.21 0.62	36.16 2.90 3.93	48.06 3.03 -3.94	46.02 2.94 -3.74	41.05 2.66 -4.53	33.16 2.31 1.34
STURGEON_POOL_HYD 23609	23.32 1.22 0.99	25.71 1.08 0.00	23.79 1.03 0.00	21.25 0.91 0.00	22.41 0.97 0.00	25.53 1.06 0.00	30.17 1.32 0.00	29.27 1.33 0.00	26.46 1.24 0.00	25.74 1.18 0.00	26.50 1.25 0.00	25.34 1.32 0.00	33.03 1.82 5.36	43.08 2.49 8.59	43.12 2.58 8.59	37.06 2.42 6.00	43.18 3.06 7.17	145.07 8.36 1.27	54.67 3.09 2.02	39.22 2.04 0.00	43.19 2.10 0.00	41.19 1.85 0.00	35.58 1.73 0.00	33.66 1.47 0.00

ST_LAW_115_BK7_LBMP 345037	22.19 -0.13 0.76	24.69 0.06 0.00	22.74 -0.02 0.00	20.29 -0.05 0.00	21.33 -0.10 0.00	24.39 -0.09 0.00	28.78 -0.08 0.00	27.94 -0.01 0.00	25.22 0.00 0.00	24.63 0.08 0.00	25.35 0.10 0.00	24.12 0.09 0.00	32.38 0.12 4.32	42.28 0.10 7.00	42.27 0.14 7.00	36.01 0.06 4.70	41.72 -0.06 5.52	136.71 -0.29 0.98	51.71 -0.33 1.56	37.20 0.02 0.00	41.11 0.02 0.00	39.44 0.11 0.00	33.85 -0.01 0.00	32.25 0.05 0.00
ST_LAW_115_BK8_LBMP 345038	22.19 -0.13 0.76	24.69 0.06 0.00	22.74 -0.02 0.00	20.29 -0.05 0.00	21.33 -0.10 0.00	24.39 -0.09 0.00	28.78 -0.08 0.00	27.94 -0.01 0.00	25.22 0.00 0.00	24.63 0.08 0.00	25.35 0.10 0.00	24.12 0.09 0.00	32.38 0.12 4.32	42.28 0.10 7.00	42.27 0.14 7.00	36.01 0.06 4.70	41.72 -0.06 5.52	136.71 -0.29 0.98	51.71 -0.33 1.56	37.20 0.02 0.00	41.11 0.02 0.00	39.44 0.11 0.00	33.85 -0.01 0.00	32.25 0.05 0.00
ST_LAW_230_BK5_LBMP 345035	22.30 -0.13 0.65	24.69 0.05 0.00	22.74 -0.03 0.00	20.30 -0.04 0.00	21.34 -0.10 0.00	24.39 -0.08 0.00	28.79 -0.07 0.00	27.95 0.00 0.00	25.23 0.01 0.00	24.63 0.07 0.00	25.34 0.10 0.00	24.12 0.09 0.00	33.00 0.11 3.68	43.28 0.09 5.97	43.27 0.11 5.97	36.68 0.05 4.01	42.53 -0.05 4.71	136.90 -0.25 0.84	51.99 -0.28 1.33	37.20 0.02 0.00	41.13 0.04 0.00	39.45 0.11 0.00	33.85 0.00 0.00	32.25 0.05 0.00
ST_LAW_230_BK6_LBMP 345036	22.30 -0.13 0.65	24.69 0.05 0.00	22.74 -0.03 0.00	20.30 -0.04 0.00	21.34 -0.10 0.00	24.39 -0.08 0.00	28.79 -0.07 0.00	27.95 0.00 0.00	25.23 0.01 0.00	24.63 0.07 0.00	25.34 0.10 0.00	24.12 0.09 0.00	33.00 0.11 3.68	43.28 0.09 5.97	43.27 0.11 5.97	36.68 0.05 4.01	42.53 -0.05 4.71	136.90 -0.25 0.84	51.99 -0.28 1.33	37.20 0.02 0.00	41.13 0.04 0.00	39.45 0.11 0.00	33.85 0.00 0.00	32.25 0.05 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.92 0.91 1.07	25.40 0.77 0.00	23.51 0.75 0.00	21.00 0.66 0.00	22.16 0.73 0.00	25.25 0.78 0.00	29.82 0.97 0.00	28.90 0.95 0.00	26.13 0.92 0.00	25.45 0.89 0.00	26.19 0.94 0.00	25.04 1.01 0.00	32.13 1.38 5.82	41.75 1.91 9.33	41.78 1.98 9.33	36.08 1.91 6.48	41.92 2.38 7.76	143.01 6.42 1.38	53.69 2.28 2.19	38.63 1.44 0.00	42.57 1.47 0.00	40.60 1.26 0.00	35.08 1.22 0.00	33.24 1.05 0.00
SWANROAD_115KV_TB1 355699	15.89 -2.33 4.87	22.32 -2.31 0.00	20.37 -2.39 0.00	18.11 -2.23 0.00	19.10 -2.34 0.00	22.05 -2.42 0.00	26.02 -2.83 0.00	24.77 -3.18 0.00	22.24 -2.98 0.00	21.68 -2.88 0.00	22.32 -2.93 0.00	21.01 -3.02 0.00	3.31 -3.41 29.85	-0.83 -4.40 45.60	-0.45 -3.98 45.61	6.12 -4.29 30.24	6.50 -5.53 35.26	107.48 -18.12 12.38	34.78 -7.05 11.77	32.31 -4.87 0.00	35.96 -5.13 0.00	34.88 -4.46 0.00	30.44 -3.42 0.00	29.31 -2.88 0.00
SYNERGY___BIOGAS 323694	16.89 -1.29 4.90	23.42 -1.21 0.00	21.43 -1.34 0.00	19.05 -1.28 0.00	20.13 -1.31 0.00	23.25 -1.22 0.00	27.50 -1.35 0.00	26.18 -1.77 0.00	23.32 -1.90 0.00	22.61 -1.95 0.00	23.22 -2.04 0.00	21.87 -2.16 0.00	4.14 -2.42 30.01	0.24 -3.18 45.75	0.52 -2.85 45.76	7.05 -3.21 30.39	7.66 -4.17 35.47	114.93 -12.85 10.20	37.62 -4.73 11.25	34.33 -2.85 0.00	38.33 -2.76 0.00	37.10 -2.24 0.00	32.14 -1.72 0.00	30.78 -1.41 0.00
SYRACUSE___ENERGY_ST1 323597	11.94 -0.70 10.45	23.91 -0.72 0.00	22.08 -0.69 0.00	19.72 -0.62 0.00	20.82 -0.61 0.00	23.86 -0.61 0.00	28.19 -0.66 0.00	27.19 -0.76 0.00	24.45 -0.77 0.00	23.77 -0.79 0.00	24.41 -0.84 0.00	23.14 -0.88 0.00	-24.13 -1.28 59.43	-48.58 -1.74 96.01	-48.57 -1.68 96.01	-25.35 -1.51 64.48	-30.11 -1.73 75.68	119.89 -4.61 13.48	30.57 -1.65 21.38	36.15 -1.03 0.00	40.01 -1.09 0.00	38.32 -1.02 0.00	33.00 -0.86 0.00	31.30 -0.90 0.00
SYRACUSE___ENERGY_ST2 323598	11.94 -0.70 10.45	23.91 -0.72 0.00	22.08 -0.69 0.00	19.72 -0.62 0.00	20.82 -0.61 0.00	23.86 -0.61 0.00	28.19 -0.66 0.00	27.19 -0.76 0.00	24.45 -0.77 0.00	23.77 -0.79 0.00	24.41 -0.84 0.00	23.14 -0.88 0.00	-24.13 -1.28 59.43	-48.58 -1.74 96.01	-48.57 -1.68 96.01	-25.35 -1.51 64.48	-30.11 -1.73 75.68	119.89 -4.61 13.48	30.57 -1.65 21.38	36.15 -1.03 0.00	40.01 -1.09 0.00	38.32 -1.02 0.00	33.00 -0.86 0.00	31.30 -0.90 0.00
SYRACUSE___POWER 24017	12.61 -0.60 9.88	24.02 -0.61 0.00	22.19 -0.57 0.00	19.81 -0.52 0.00	20.93 -0.51 0.00	23.97 -0.51 0.00	28.34 -0.51 0.00	27.35 -0.60 0.00	24.61 -0.61 0.00	23.93 -0.62 0.00	24.57 -0.69 0.00	23.29 -0.73 0.00	-20.73 -1.06 56.25	-43.23 -1.44 90.97	-43.22 -1.38 90.97	-21.63 -1.26 61.02	-25.71 -1.43 71.57	121.41 -3.82 12.75	32.15 -1.37 20.08	36.34 -0.84 0.00	40.20 -0.89 0.00	38.52 -0.82 0.00	33.17 -0.69 0.00	31.45 -0.75 0.00
TALLMAN__138KV_BK151 55660	23.12 1.08 1.04	25.57 0.93 0.00	23.66 0.89 0.00	21.13 0.79 0.00	22.30 0.86 0.00	25.40 0.93 0.00	30.01 1.16 0.00	29.10 1.15 0.00	26.32 1.11 0.00	25.64 1.08 0.00	26.41 1.16 0.00	25.27 1.24 0.00	32.62 1.72 5.67	42.46 2.38 9.09	42.51 2.47 9.09	36.68 2.34 6.32	42.66 2.93 7.57	144.45 7.82 1.35	54.20 2.74 2.14	38.92 1.74 0.00	42.85 1.75 0.00	40.87 1.53 0.00	35.32 1.46 0.00	33.44 1.25 0.00
TEALLAVE_115KV_TB7 355573	12.57 -0.69 9.82	23.91 -0.72 0.00	22.10 -0.67 0.00	19.72 -0.61 0.00	20.82 -0.61 0.00	23.86 -0.62 0.00	28.20 -0.65 0.00	27.22 -0.73 0.00	24.49 -0.73 0.00	23.82 -0.74 0.00	24.46 -0.79 0.00	23.20 -0.83 0.00	-20.37 -1.21 55.75	-42.69 -1.62 90.25	-42.68 -1.57 90.25	-21.36 -1.42 60.60	-25.44 -1.62 71.12	120.92 -4.39 12.66	31.91 -1.59 20.09	36.16 -1.03 0.00	40.01 -1.08 0.00	38.33 -1.01 0.00	33.00 -0.85 0.00	31.32 -0.88 0.00
TELGRAPH_34_KV_EAST 80808	16.41 -1.79 4.88	22.90 -1.73 0.00	20.93 -1.84 0.00	18.61 -1.73 0.00	19.64 -1.79 0.00	22.68 -1.79 0.00	26.79 -2.07 0.00	25.41 -2.54 0.00	22.72 -2.49 0.00	22.15 -2.41 0.00	22.77 -2.48 0.00	21.52 -2.51 0.00	3.83 -2.79 29.95	-0.19 -3.66 45.70	0.14 -3.29 45.71	6.67 -3.64 30.34	7.19 -4.71 35.39	111.65 -14.95 11.39	36.33 -5.74 11.53	33.40 -3.79 0.00	37.21 -3.89 0.00	36.04 -3.30 0.00	31.33 -2.53 0.00	30.08 -2.11 0.00
TEMPLE___115KV_TB 2 55572	12.51 -0.69 9.89	23.92 -0.71 0.00	22.10 -0.67 0.00	19.73 -0.61 0.00	20.83 -0.60 0.00	23.86 -0.61 0.00	28.21 -0.64 0.00	27.23 -0.72 0.00	24.50 -0.72 0.00	23.83 -0.72 0.00	24.47 -0.78 0.00	23.20 -0.82 0.00	-20.75 -1.18 56.14	-43.31 -1.59 90.89	-43.29 -1.54 90.89	-21.75 -1.38 61.02	-25.91 -1.59 71.61	120.90 -4.32 12.75	31.79 -1.58 20.23	36.16 -1.02 0.00	40.02 -1.07 0.00	38.34 -1.00 0.00	33.02 -0.84 0.00	31.32 -0.87 0.00
TIANA____69_KV_BK 1 55817	23.65 1.58 1.00	26.10 1.47 0.00	24.13 1.37 0.00	21.55 1.21 0.00	22.77 1.34 0.00	25.99 1.52 0.00	30.71 1.86 0.00	29.75 1.80 0.00	26.91 1.69 0.00	26.19 1.63 0.00	27.06 1.81 0.00	23.93 2.00 2.10	31.11 2.84 8.31	41.72 3.71 11.16	43.13 4.07 10.08	41.95 4.21 2.91	32.14 4.97 20.12	137.68 12.21 12.51	57.36 4.49 0.73	35.92 3.09 4.36	48.04 3.24 -3.71	45.99 3.18 -3.48	40.91 2.86 -4.19	33.07 2.44 1.56

TILDEN___115KV_TB1 80814	12.61 -0.60 9.88	24.02 -0.61 0.00	22.19 -0.57 0.00	19.81 -0.52 0.00	20.93 -0.51 0.00	23.97 -0.51 0.00	28.34 -0.51 0.00	27.35 -0.60 0.00	24.61 -0.61 0.00	23.93 -0.62 0.00	24.57 -0.69 0.00	23.29 -0.73 0.00	-20.73 -1.06 56.25	-43.23 -1.44 90.97	-43.22 -1.38 90.97	-21.63 -1.26 61.02	-25.71 -1.43 71.57	121.41 -3.82 12.75	32.15 -1.37 20.08	36.34 -0.84 0.00	40.20 -0.89 0.00	38.52 -0.82 0.00	33.17 -0.69 0.00	31.45 -0.75 0.00
TRIGEN___CC 323695	23.38 1.30 1.00	25.82 1.19 0.00	23.87 1.10 0.00	21.30 0.96 0.00	22.50 1.07 0.00	25.66 1.19 0.00	30.31 1.45 0.00	29.35 1.40 0.00	26.54 1.32 0.00	25.85 1.29 0.00	26.72 1.48 0.00	35.31 1.63 -9.65	46.55 2.29 -7.69	54.62 2.99 -2.46	63.27 3.12 -11.02	79.63 2.93 -36.05	62.44 3.43 -11.71	155.65 8.76 -8.91	69.22 3.21 -12.41	86.68 2.24 -47.26	74.73 2.24 -31.40	76.42 2.16 -34.92	80.66 2.03 -44.78	58.18 1.78 -24.21
TRINITY___115KV__4 BK 55933	22.46 0.09 0.71	24.64 0.01 0.00	22.84 0.08 0.00	20.44 0.10 0.00	21.56 0.13 0.00	24.58 0.10 0.00	28.88 0.03 0.00	27.99 0.04 0.00	25.23 0.01 0.00	24.56 0.01 0.00	25.24 -0.01 0.00	24.01 -0.02 0.00	32.86 -0.11 3.60	43.24 -0.17 5.77	43.13 -0.23 5.77	36.29 -0.09 4.27	42.05 -0.10 5.14	137.42 0.36 0.92	52.28 0.14 1.45	37.11 -0.07 0.00	41.04 -0.05 0.00	39.23 -0.10 0.00	33.75 -0.11 0.00	32.10 -0.09 0.00
UNION___PROCESSING_DRP 323587	16.81 -1.34 4.93	23.36 -1.28 0.00	21.43 -1.33 0.00	19.10 -1.24 0.00	20.15 -1.29 0.00	23.18 -1.29 0.00	27.39 -1.46 0.00	26.26 -1.69 0.00	23.62 -1.60 0.00	22.97 -1.59 0.00	23.61 -1.64 0.00	22.33 -1.70 0.00	4.22 -2.17 30.18	0.34 -2.95 45.88	0.52 -2.74 45.88	7.29 -2.84 30.53	8.12 -3.52 35.66	121.53 -10.10 6.35	39.41 -3.83 10.36	34.69 -2.50 0.00	38.53 -2.56 0.00	37.11 -2.23 0.00	32.05 -1.81 0.00	30.63 -1.56 0.00
UPPER HUDSON___HYD 24058	23.10 0.71 0.69	25.33 0.70 0.00	23.42 0.66 0.00	20.98 0.64 0.00	22.16 0.72 0.00	25.32 0.85 0.00	29.83 0.97 0.00	29.00 1.05 0.00	25.98 0.77 0.00	25.19 0.64 0.00	25.87 0.63 0.00	24.53 0.51 0.00	34.02 0.75 3.31	45.00 1.12 5.30	44.90 1.07 5.30	37.18 0.65 4.12	43.28 0.95 4.97	141.99 4.89 0.88	54.15 1.96 1.41	38.39 1.21 0.00	42.54 1.44 0.00	40.66 1.32 0.00	34.71 0.86 0.00	32.92 0.73 0.00
UPPER RAQUET___HYD 24056	21.02 -0.22 1.85	24.66 0.03 0.00	22.70 -0.06 0.00	20.24 -0.09 0.00	21.30 -0.13 0.00	24.37 -0.11 0.00	28.65 -0.20 0.00	27.81 -0.14 0.00	25.03 -0.19 0.00	24.46 -0.09 0.00	25.14 -0.10 0.00	23.95 -0.07 0.00	25.97 -0.14 10.47	31.98 -0.23 16.97	32.02 -0.14 16.97	28.99 -0.25 11.40	33.38 -0.53 13.39	134.17 -1.43 2.38	48.89 -0.93 3.78	37.08 -0.10 0.00	40.91 -0.19 0.00	39.42 0.07 0.00	33.93 0.07 0.00	32.27 0.07 0.00
VALLEY44_115KV_TB2 355964	17.10 -0.89 5.10	23.86 -0.78 0.00	21.96 -0.80 0.00	19.56 -0.78 0.00	20.65 -0.78 0.00	23.80 -0.68 0.00	28.10 -0.76 0.00	26.95 -1.01 0.00	24.28 -0.94 0.00	23.67 -0.89 0.00	24.28 -0.97 0.00	22.97 -1.06 0.00	4.60 -0.90 31.07	-0.32 -1.49 48.01	-0.05 -1.18 48.00	7.22 -1.64 31.79	8.02 -2.28 37.00	120.25 -7.78 9.94	38.37 -3.42 11.81	34.90 -2.28 0.00	38.66 -2.44 0.00	37.36 -1.98 0.00	32.49 -1.37 0.00	31.12 -1.07 0.00
VALLEY___115KV_TB 1-4 80826	22.03 -0.06 0.99	24.47 -0.16 0.00	22.69 -0.07 0.00	20.28 -0.06 0.00	21.43 0.00 0.00	24.48 0.00 0.00	28.72 -0.13 0.00	27.80 -0.15 0.00	25.12 -0.10 0.00	24.40 -0.16 0.00	25.03 -0.22 0.00	23.72 -0.31 0.00	30.42 -0.54 5.61	39.36 -0.73 9.08	39.36 -0.69 9.08	33.92 -0.64 6.09	39.57 -0.59 7.14	136.40 -0.31 1.27	51.60 0.02 2.02	37.19 0.01 0.00	41.13 0.03 0.00	39.37 0.03 0.00	33.75 -0.11 0.00	32.00 -0.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.59 0.64 3.13	25.27 0.63 0.00	23.41 0.65 0.00	20.91 0.57 0.00	22.07 0.64 0.00	25.22 0.74 0.00	29.82 0.97 0.00	29.27 1.33 0.00	26.41 1.19 0.00	25.88 1.32 0.00	26.50 1.25 0.00	25.03 1.01 0.00	2.33 1.80 36.04	-6.13 2.34 57.64	-6.04 2.47 57.64	16.12 1.96 26.50	26.16 1.56 22.70	138.22 4.28 4.04	48.84 1.65 6.41	38.32 1.13 0.00	42.31 1.21 0.00	40.47 1.13 0.00	34.87 1.01 0.00	33.06 0.87 0.00
VISCHER___FERRY HYD 24020	22.72 0.33 0.69	24.91 0.29 0.00	23.08 0.31 0.00	20.67 0.33 0.00	21.81 0.38 0.00	24.88 0.41 0.00	29.25 0.40 0.00	28.40 0.45 0.00	25.53 0.32 0.00	24.82 0.26 0.00	25.50 0.25 0.00	24.22 0.19 0.00	33.41 0.28 3.44	44.11 0.44 5.51	43.99 0.37 5.51	36.73 0.22 4.13	42.69 0.37 4.98	139.42 2.33 0.89	53.14 0.95 1.41	37.66 0.48 0.00	41.70 0.60 0.00	39.85 0.51 0.00	34.19 0.33 0.00	32.50 0.31 0.00
V_A_10_SYNC_DSASP 323832	16.57 -1.87 4.65	22.85 -1.78 0.00	20.93 -1.84 0.00	18.61 -1.73 0.00	19.63 -1.81 0.00	22.62 -1.86 0.00	26.68 -2.17 0.00	25.50 -2.46 0.00	22.96 -2.25 0.00	22.39 -2.16 0.00	23.04 -2.21 0.00	21.75 -2.28 0.00	5.05 -2.85 28.68	2.07 -3.67 43.44	2.27 -3.42 43.43	8.16 -3.69 28.80	9.07 -4.63 33.60	114.21 -13.86 9.90	37.32 -5.52 10.76	33.46 -3.72 0.00	37.16 -3.94 0.00	35.90 -3.44 0.00	31.16 -2.69 0.00	29.93 -2.26 0.00
V_CMM_10_SYNC_DSASP 323787	22.29 -0.03 0.76	24.81 0.18 0.00	22.85 0.09 0.00	20.39 0.05 0.00	21.43 0.00 0.00	24.50 0.03 0.00	28.92 0.07 0.00	28.08 0.13 0.00	25.35 0.13 0.00	24.75 0.20 0.00	25.47 0.22 0.00	24.23 0.21 0.00	32.55 0.30 4.32	42.52 0.34 7.00	42.51 0.38 7.00	36.20 0.26 4.70	41.95 0.17 5.52	137.36 0.37 0.98	51.78 -0.25 1.56	37.37 0.19 0.00	41.32 0.22 0.00	39.63 0.29 0.00	34.01 0.16 0.00	32.41 0.22 0.00
V_CMP_10_SYNC_DSASP 323788	22.53 0.19 0.74	25.06 0.43 0.00	23.10 0.33 0.00	20.65 0.31 0.00	21.76 0.33 0.00	24.91 0.44 0.00	29.44 0.59 0.00	28.72 0.77 0.00	25.80 0.58 0.00	25.17 0.62 0.00	25.88 0.63 0.00	24.59 0.56 0.00	33.25 0.89 4.22	43.51 1.18 6.84	43.50 1.21 6.84	36.95 0.90 4.60	42.89 0.99 5.40	140.47 3.45 0.96	53.25 1.18 1.53	38.06 0.87 0.00	42.12 1.03 0.00	40.40 1.06 0.00	34.56 0.70 0.00	32.89 0.70 0.00
V_D_10_SYNC_DSASP 323841	22.20 0.05 0.93	24.91 0.28 0.00	22.94 0.17 0.00	20.47 0.13 0.00	21.51 0.08 0.00	24.61 0.13 0.00	29.02 0.17 0.00	28.16 0.21 0.00	25.41 0.19 0.00	24.89 0.33 0.00	25.60 0.35 0.00	24.36 0.33 0.00	31.77 0.50 5.30	41.20 0.61 8.59	41.21 0.67 8.59	35.34 0.46 5.77	40.93 0.41 6.77	137.80 1.03 1.21	51.76 0.08 1.91	37.61 0.43 0.00	41.44 0.35 0.00	39.80 0.46 0.00	34.15 0.30 0.00	32.53 0.34 0.00
V_E_10_SYNC_DSASP 323830	18.14 0.74 5.67	25.44 0.81 0.00	23.45 0.68 0.00	20.99 0.65 0.00	22.12 0.68 0.00	25.53 1.05 0.00	30.35 1.50 0.00	29.44 1.49 0.00	26.50 1.29 0.00	25.90 1.35 0.00	26.51 1.26 0.00	24.98 0.96 0.00	-0.41 1.75 38.74	-10.51 2.33 62.01	-10.55 2.33 62.01	4.82 1.63 37.46	8.18 1.99 41.10	138.68 6.59 5.89	45.86 2.78 10.52	39.41 2.23 0.00	43.72 2.63 0.00	41.89 2.55 0.00	35.85 1.99 0.00	33.80 1.61 0.00

V_F_30_NSYNC___DSASP 323816	23.07 0.67 0.69	25.30 0.67 0.00	23.40 0.64 0.00	20.95 0.61 0.00	22.12 0.68 0.00	25.26 0.78 0.00	29.75 0.90 0.00	28.85 0.90 0.00	25.91 0.69 0.00	25.15 0.59 0.00	25.84 0.59 0.00	24.52 0.50 0.00	33.98 0.73 3.32	44.90 1.05 5.32	44.81 1.00 5.32	37.24 0.71 4.12	43.34 1.01 4.97	141.41 4.31 0.88	53.96 1.77 1.40	38.29 1.10 0.00	42.39 1.30 0.00	40.52 1.18 0.00	34.71 0.85 0.00	32.96 0.77 0.00
V_F_30_SYNC_DSASP 323786	22.55 0.17 0.71	24.73 0.09 0.00	22.91 0.15 0.00	20.50 0.17 0.00	21.63 0.19 0.00	24.67 0.19 0.00	28.99 0.13 0.00	28.09 0.14 0.00	25.33 0.11 0.00	24.66 0.11 0.00	25.34 0.09 0.00	24.11 0.08 0.00	33.07 0.03 3.53	43.54 0.04 5.66	43.44 -0.03 5.66	36.50 0.09 4.24	42.29 0.10 5.11	138.02 0.95 0.91	52.53 0.38 1.45	37.28 0.09 0.00	41.20 0.11 0.00	39.40 0.06 0.00	33.88 0.02 0.00	32.22 0.03 0.00
V_XM_10_SYNC_DSASP 323789	22.53 0.19 0.74	25.06 0.43 0.00	23.10 0.33 0.00	20.65 0.31 0.00	21.76 0.33 0.00	24.91 0.44 0.00	29.44 0.59 0.00	28.72 0.77 0.00	25.80 0.58 0.00	25.17 0.62 0.00	25.88 0.63 0.00	24.59 0.56 0.00	33.25 0.89 4.22	43.51 1.18 6.84	43.50 1.21 6.84	36.95 0.90 4.60	42.89 0.99 5.40	140.47 3.45 0.96	53.25 1.18 1.53	38.06 0.87 0.00	42.12 1.03 0.00	40.40 1.06 0.00	34.56 0.70 0.00	32.89 0.70 0.00
W.BABYLN_69_KV_BK1 56697	23.76 1.68 1.00	26.22 1.59 0.00	24.22 1.46 0.00	21.61 1.27 0.00	22.83 1.39 0.00	26.09 1.61 0.00	30.80 1.95 0.00	29.79 1.84 0.00	26.91 1.69 0.00	26.17 1.62 0.00	27.06 1.81 0.00	26.59 1.95 -0.61	34.68 2.72 4.62	44.62 3.52 8.07	47.47 3.75 5.41	49.83 3.67 -5.52	38.41 4.37 13.26	141.65 11.58 7.90	60.06 4.34 -2.12	46.94 3.03 -6.73	53.92 3.16 -9.66	52.66 3.05 -10.28	49.58 2.75 -12.97	38.90 2.41 -4.30
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.19 1.15 1.04	25.63 1.00 0.00	23.72 0.95 0.00	21.19 0.85 0.00	22.35 0.92 0.00	25.46 0.99 0.00	30.09 1.24 0.00	29.19 1.24 0.00	26.40 1.19 0.00	25.71 1.16 0.00	26.48 1.24 0.00	25.34 1.31 0.00	32.77 1.82 5.63	42.67 2.52 9.02	42.72 2.61 9.02	36.84 2.45 6.27	42.84 3.05 7.51	144.84 8.20 1.34	54.38 2.90 2.12	39.04 1.86 0.00	42.99 1.89 0.00	40.99 1.65 0.00	35.42 1.56 0.00	33.53 1.34 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.30 1.23 1.01	25.68 1.05 0.00	23.79 1.03 0.00	21.25 0.91 0.00	22.43 0.99 0.00	25.53 1.05 0.00	30.16 1.31 0.00	29.30 1.35 0.00	26.54 1.32 0.00	25.87 1.31 0.00	26.64 1.39 0.00	25.51 1.48 0.00	33.19 2.06 5.45	43.26 2.82 8.73	43.29 2.89 8.73	37.26 2.69 6.08	43.33 3.31 7.28	145.39 8.71 1.30	54.67 3.13 2.06	39.17 1.99 0.00	43.11 2.01 0.00	41.09 1.75 0.00	35.52 1.67 0.00	33.60 1.41 0.00
W50THST__13_KV_LOAD 356117	23.39 1.31 1.01	25.77 1.14 0.00	23.87 1.11 0.00	21.33 0.99 0.00	22.50 1.07 0.00	25.62 1.14 0.00	30.28 1.43 0.00	29.43 1.49 0.00	26.67 1.45 0.00	26.00 1.45 0.00	26.79 1.54 0.00	25.65 1.62 0.00	33.42 2.29 5.45	43.56 3.12 8.73	43.60 3.20 8.73	37.51 2.95 6.08	43.64 3.63 7.28	146.23 9.55 1.30	54.97 3.43 2.06	39.36 2.17 0.00	43.29 2.20 0.00	41.27 1.93 0.00	35.66 1.80 0.00	33.71 1.52 0.00
WADING RIVER_IC_1 23522	23.66 1.58 1.00	26.09 1.46 0.00	24.12 1.35 0.00	21.54 1.20 0.00	22.75 1.32 0.00	25.97 1.50 0.00	30.68 1.83 0.00	29.68 1.73 0.00	26.84 1.62 0.00	26.10 1.54 0.00	26.96 1.71 0.00	23.81 1.89 2.11	30.90 2.65 8.32	41.36 3.36 11.17	42.78 3.74 10.09	41.63 3.92 2.94	31.80 4.65 20.14	136.84 11.39 12.53	57.15 4.29 0.74	35.71 2.93 4.40	47.85 3.07 -3.69	45.80 3.01 -3.45	40.73 2.72 -4.16	32.94 2.33 1.58
WADING RIVER_IC_2 23547	23.66 1.58 1.00	26.09 1.46 0.00	24.12 1.35 0.00	21.54 1.20 0.00	22.75 1.32 0.00	25.97 1.50 0.00	30.68 1.83 0.00	29.68 1.73 0.00	26.84 1.62 0.00	26.10 1.54 0.00	26.96 1.71 0.00	23.81 1.89 2.11	30.90 2.65 8.32	41.36 3.36 11.17	42.78 3.74 10.09	41.63 3.92 2.94	31.80 4.65 20.14	136.84 11.39 12.53	57.15 4.29 0.74	35.71 2.93 4.40	47.85 3.07 -3.69	45.80 3.01 -3.45	40.73 2.72 -4.16	32.94 2.33 1.58
WADING RIVER_IC_3 23601	23.66 1.58 1.00	26.09 1.46 0.00	24.12 1.35 0.00	21.54 1.20 0.00	22.75 1.32 0.00	25.97 1.50 0.00	30.68 1.83 0.00	29.68 1.73 0.00	26.84 1.62 0.00	26.10 1.54 0.00	26.96 1.71 0.00	23.81 1.89 2.11	30.90 2.65 8.32	41.36 3.36 11.17	42.78 3.74 10.09	41.63 3.92 2.94	31.80 4.65 20.14	136.84 11.39 12.53	57.15 4.29 0.74	35.71 2.93 4.40	47.85 3.07 -3.69	45.80 3.01 -3.45	40.73 2.72 -4.16	32.94 2.33 1.58
WALDENNY_12_KV_BK2 80841	16.50 -1.64 4.94	23.09 -1.54 0.00	21.12 -1.65 0.00	18.79 -1.55 0.00	19.82 -1.62 0.00	22.90 -1.58 0.00	27.06 -1.80 0.00	25.90 -2.05 0.00	23.27 -1.95 0.00	22.70 -1.85 0.00	23.28 -1.97 0.00	21.95 -2.08 0.00	4.08 -2.26 30.24	-0.19 -2.99 46.38	0.21 -2.53 46.39	6.93 -2.91 30.81	7.54 -3.86 35.90	111.22 -12.55 14.21	36.11 -5.11 12.38	33.71 -3.47 0.00	37.46 -3.64 0.00	36.28 -3.06 0.00	31.51 -2.35 0.00	30.22 -1.98 0.00
WALDEN__HYDRO 24148	23.10 1.06 1.04	25.55 0.91 0.00	23.65 0.89 0.00	21.12 0.79 0.00	22.29 0.85 0.00	25.40 0.93 0.00	30.01 1.16 0.00	29.10 1.15 0.00	26.29 1.07 0.00	25.57 1.01 0.00	26.31 1.06 0.00	25.15 1.12 0.00	32.45 1.53 5.66	42.21 2.10 9.07	42.25 2.19 9.07	36.42 2.08 6.31	42.36 2.62 7.55	143.76 7.13 1.34	54.09 2.63 2.13	38.91 1.73 0.00	42.88 1.79 0.00	40.91 1.57 0.00	35.33 1.47 0.00	33.45 1.26 0.00
WARRENSBURG____ 23737	23.10 0.71 0.69	25.33 0.70 0.00	23.42 0.66 0.00	20.98 0.64 0.00	22.16 0.72 0.00	25.32 0.85 0.00	29.83 0.97 0.00	29.01 1.05 0.00	25.98 0.77 0.00	25.20 0.64 0.00	25.87 0.62 0.00	24.53 0.51 0.00	34.02 0.75 3.31	45.00 1.13 5.30	44.90 1.07 5.30	37.19 0.65 4.12	43.27 0.95 4.97	142.00 4.91 0.88	54.15 1.96 1.41	38.39 1.21 0.00	42.54 1.45 0.00	40.66 1.32 0.00	34.71 0.85 0.00	32.92 0.73 0.00
WATERSIDE____6 8 9 23538	23.32 1.25 1.00	25.69 1.06 0.00	23.82 1.05 0.00	21.28 0.94 0.00	22.45 1.02 0.00	25.53 1.05 0.00	30.17 1.32 0.00	29.33 1.38 0.00	26.57 1.35 0.00	25.85 1.29 0.00	26.62 1.37 0.00	25.51 1.48 0.00	33.13 2.00 5.45	43.21 2.77 8.73	43.24 2.84 8.73	37.22 2.65 6.08	43.31 3.30 7.28	145.22 8.54 1.30	54.61 3.07 2.06	39.07 1.95 0.07	43.07 1.97 0.00	40.60 1.72 0.45	34.47 1.64 1.03	33.57 1.38 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.04 -0.06 0.99	24.50 -0.13 0.00	22.70 -0.06 0.00	20.29 -0.05 0.00	21.43 -0.01 0.00	24.47 -0.01 0.00	28.75 -0.10 0.00	27.84 -0.11 0.00	25.13 -0.09 0.00	24.43 -0.13 0.00	25.05 -0.19 0.00	23.79 -0.24 0.00	30.55 -0.41 5.61	39.53 -0.56 9.08	39.53 -0.52 9.08	34.08 -0.48 6.09	39.72 -0.44 7.14	136.40 -0.31 1.27	51.55 -0.03 2.02	37.16 -0.03 0.00	41.08 -0.01 0.00	39.33 -0.01 0.00	33.77 -0.09 0.00	32.03 -0.16 0.00

WDELAWARE___HYD 323627	23.21 1.22 1.09	25.76 1.13 0.00	23.83 1.07 0.00	21.29 0.95 0.00	22.46 1.02 0.00	25.62 1.15 0.00	30.29 1.43 0.00	29.35 1.40 0.00	26.47 1.26 0.00	25.72 1.16 0.00	26.40 1.15 0.00	25.12 1.09 0.00	32.13 1.53 5.97	41.81 2.20 9.56	41.86 2.29 9.56	36.17 2.16 6.64	42.12 2.76 7.94	144.51 7.94 1.41	54.49 3.13 2.24	39.33 2.15 0.00	43.38 2.28 0.00	41.37 2.03 0.00	35.68 1.82 0.00	33.77 1.59 0.00
WEST BABYLON___IC 23714	23.76 1.68 1.00	26.22 1.59 0.00	24.22 1.46 0.00	21.61 1.27 0.00	22.83 1.39 0.00	26.09 1.61 0.00	30.80 1.95 0.00	29.79 1.84 0.00	26.91 1.69 0.00	26.17 1.62 0.00	27.06 1.81 0.00	26.59 1.95 -0.61	34.68 2.72 4.62	44.62 3.52 8.07	47.47 3.75 5.41	49.83 3.67 -5.52	38.41 4.37 13.26	141.65 11.58 7.90	60.06 4.34 -2.12	46.94 3.03 -6.73	53.92 3.16 -9.66	52.66 3.05 -10.28	49.58 2.75 -12.97	38.90 2.41 -4.30
WEST CANADA___HYD 24049	22.04 -0.06 0.99	24.54 -0.09 0.00	22.71 -0.06 0.00	20.28 -0.06 0.00	21.39 -0.04 0.00	24.41 -0.06 0.00	28.77 -0.08 0.00	27.87 -0.08 0.00	25.14 -0.08 0.00	24.47 -0.08 0.00	25.15 -0.10 0.00	23.93 -0.09 0.00	30.82 -0.14 5.61	39.90 -0.20 9.08	39.86 -0.20 9.08	34.40 -0.17 6.09	39.97 -0.18 7.14	136.31 -0.39 1.27	51.44 -0.14 2.02	37.05 -0.13 0.00	40.95 -0.14 0.00	39.18 -0.16 0.00	33.76 -0.10 0.00	32.08 -0.10 0.00
WESTERN_NY_WIND 24143	16.86 -1.32 4.89	23.38 -1.25 0.00	21.39 -1.37 0.00	19.03 -1.31 0.00	20.09 -1.34 0.00	23.21 -1.26 0.00	27.45 -1.41 0.00	26.13 -1.82 0.00	23.28 -1.94 0.00	22.57 -1.98 0.00	23.18 -2.07 0.00	21.83 -2.20 0.00	4.11 -2.47 30.00	0.20 -3.23 45.74	0.49 -2.90 45.74	7.00 -3.26 30.38	7.61 -4.23 35.45	114.41 -13.07 10.50	37.47 -4.81 11.32	34.27 -2.92 0.00	38.25 -2.84 0.00	37.02 -2.32 0.00	32.09 -1.77 0.00	30.75 -1.44 0.00
WESTOVER___LESR 323668	17.04 -0.38 5.67	24.28 -0.35 0.00	22.48 -0.29 0.00	20.05 -0.28 0.00	21.18 -0.25 0.00	24.24 -0.23 0.00	28.65 -0.21 0.00	27.67 -0.28 0.00	24.93 -0.28 0.00	24.30 -0.26 0.00	24.93 -0.32 0.00	23.63 -0.39 0.00	1.52 -0.43 34.63	-6.77 -0.63 55.32	-6.70 -0.51 55.32	4.24 -0.63 35.78	5.37 -0.83 41.10	128.15 -2.51 7.32	40.68 -1.08 11.84	36.57 -0.61 0.00	40.40 -0.69 0.00	38.79 -0.55 0.00	33.49 -0.37 0.00	31.75 -0.44 0.00
WETHRSFD_WT_PWR 323626	16.29 -1.62 5.18	23.07 -1.56 0.00	21.19 -1.58 0.00	18.90 -1.44 0.00	19.99 -1.45 0.00	23.10 -1.38 0.00	27.29 -1.56 0.00	26.03 -1.92 0.00	23.19 -2.02 0.00	22.61 -1.94 0.00	23.16 -2.08 0.00	21.85 -2.17 0.00	2.47 -2.60 31.50	-2.93 -3.36 48.74	-2.72 -3.09 48.77	5.02 -3.24 32.39	5.41 -4.19 37.70	89.42 -13.30 35.26	30.89 -5.29 17.42	33.95 -3.23 0.00	37.72 -3.38 0.00	36.38 -2.96 0.00	31.50 -2.36 0.00	30.09 -2.10 0.00
WHAVSTOR_138KV_BK127 55557	23.12 1.08 1.03	25.56 0.93 0.00	23.65 0.89 0.00	21.13 0.79 0.00	22.30 0.86 0.00	25.39 0.92 0.00	30.00 1.14 0.00	29.10 1.15 0.00	26.32 1.10 0.00	25.63 1.08 0.00	26.40 1.15 0.00	25.26 1.23 0.00	32.67 1.70 5.61	42.53 2.35 8.99	42.56 2.42 8.99	36.69 2.30 6.25	42.68 2.86 7.49	144.31 7.66 1.33	54.19 2.70 2.11	38.89 1.71 0.00	42.82 1.73 0.00	40.84 1.50 0.00	35.30 1.44 0.00	33.44 1.25 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.12 1.08 1.03	25.56 0.93 0.00	23.65 0.89 0.00	21.13 0.79 0.00	22.30 0.86 0.00	25.39 0.92 0.00	30.00 1.14 0.00	29.10 1.15 0.00	26.32 1.10 0.00	25.63 1.08 0.00	26.40 1.15 0.00	25.26 1.23 0.00	32.67 1.70 5.61	42.53 2.35 8.99	42.56 2.42 8.99	36.69 2.30 6.25	42.68 2.86 7.49	144.31 7.66 1.33	54.19 2.70 2.11	38.89 1.71 0.00	42.82 1.73 0.00	40.84 1.50 0.00	35.30 1.44 0.00	33.44 1.25 0.00
WHITEHAL_115KV_TB1 80871	23.62 1.23 0.69	25.94 1.31 0.00	23.92 1.15 0.00	21.49 1.15 0.00	22.69 1.26 0.00	25.93 1.45 0.00	30.41 1.56 0.00	29.79 1.84 0.00	26.40 1.19 0.00	25.51 0.95 0.00	26.22 0.97 0.00	24.76 0.73 0.00	34.83 1.57 3.31	46.63 2.77 5.31	46.50 2.68 5.31	37.82 1.29 4.12	43.88 1.56 4.97	148.23 11.13 0.88	55.90 3.70 1.41	39.20 2.02 0.00	43.54 2.45 0.00	41.76 2.42 0.00	34.94 1.08 0.00	33.12 0.93 0.00
WHITEPLN_13_KV_LOAD 356215	23.37 1.29 1.01	25.78 1.15 0.00	23.85 1.09 0.00	21.31 0.97 0.00	22.49 1.05 0.00	25.62 1.15 0.00	30.29 1.43 0.00	29.40 1.45 0.00	26.61 1.39 0.00	25.92 1.36 0.00	26.69 1.44 0.00	25.53 1.50 0.00	33.22 2.11 5.46	43.29 2.87 8.75	43.34 2.96 8.75	37.32 2.76 6.09	43.38 3.39 7.30	145.82 9.14 1.30	54.87 3.33 2.06	39.33 2.15 0.00	43.31 2.21 0.00	41.29 1.95 0.00	35.66 1.80 0.00	33.72 1.53 0.00
WM_FLOYD_69_KV_BK2 356380	23.67 1.60 1.00	26.11 1.48 0.00	24.13 1.37 0.00	21.54 1.20 0.00	22.76 1.32 0.00	25.99 1.52 0.00	30.70 1.85 0.00	29.68 1.73 0.00	26.83 1.61 0.00	26.08 1.52 0.00	26.93 1.69 0.00	23.83 1.86 2.06	30.89 2.57 8.25	41.36 3.29 11.11	42.77 3.64 10.00	41.70 3.83 2.78	31.86 4.58 20.01	136.89 11.34 12.43	57.18 4.27 0.69	35.96 2.95 4.18	48.00 3.10 -3.81	45.96 3.04 -3.59	40.92 2.73 -4.33	33.07 2.35 1.47
WOODARD___115KV_TB2 355635	12.11 -0.74 10.23	23.87 -0.76 0.00	22.05 -0.72 0.00	19.68 -0.65 0.00	20.78 -0.65 0.00	23.81 -0.66 0.00	28.14 -0.72 0.00	27.15 -0.80 0.00	24.43 -0.79 0.00	23.76 -0.79 0.00	24.40 -0.84 0.00	23.15 -0.88 0.00	-22.77 -1.28 58.07	-46.53 -1.72 93.98	-46.53 -1.68 93.98	-23.97 -1.50 63.13	-28.53 -1.72 74.10	120.12 -4.66 13.20	30.97 -1.69 20.94	36.09 -1.10 0.00	39.94 -1.15 0.00	38.26 -1.08 0.00	32.94 -0.92 0.00	31.26 -0.94 0.00
WOODMERE_69_KV_BK1 55827	23.59 1.51 1.00	26.04 1.41 0.00	24.07 1.30 0.00	21.47 1.13 0.00	22.67 1.24 0.00	25.87 1.40 0.00	30.57 1.72 0.00	29.59 1.64 0.00	26.74 1.52 0.00	26.03 1.48 0.00	26.93 1.68 0.00	52.79 1.85 -26.91	70.37 2.64 -31.16	75.24 3.45 -22.62	90.77 3.60 -38.04	123.78 3.32 -79.81	97.51 3.87 -46.34	179.46 9.71 -31.78	84.66 3.41 -27.65	143.23 2.66 -103.38	106.33 2.71 -62.52	111.99 2.60 -70.05	126.26 2.35 -90.05	95.97 2.09 -61.69
YORK___WARBASSE 23770	23.44 1.36 1.00	25.84 1.21 0.00	23.96 1.19 0.00	21.41 1.07 0.00	22.58 1.15 0.00	25.70 1.22 -0.01	30.36 1.51 0.00	29.50 1.54 0.00	26.67 1.45 0.00	25.91 1.35 0.00	26.67 1.42 0.00	25.55 1.53 0.00	33.21 2.08 5.45	43.33 2.89 8.73	43.34 2.95 8.73	37.31 2.74 6.08	43.46 3.45 7.28	145.61 8.93 1.30	54.71 3.17 2.06	39.55 2.05 -0.31	43.16 2.06 0.00	43.31 1.82 -2.16	40.52 1.74 -4.92	33.69 1.49 0.00