

# Day Ahead Market Generator LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

06/15/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	42.34	39.29	36.45	35.42	36.47	37.85	41.16	44.37	44.18	38.36	38.23	40.22	40.03	40.21	42.11	43.26	51.17	55.90	60.36	62.83	59.13	51.51	41.82	36.79
24138	3.28	2.98	2.57	2.38	2.35	2.31	2.55	3.13	3.31	3.04	3.34	3.42	3.51	3.67	4.01	3.98	4.00	5.31	5.09	4.60	4.23	3.86	2.70	2.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	-0.23	-0.25	-3.10	-10.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	42.42	39.36	36.52	35.49	36.54	37.89	41.20	44.37	44.18	38.36	38.23	40.26	40.06	40.22	42.12	43.28	51.21	55.95	60.42	62.89	59.19	51.61	41.86	36.79
24260	3.36	3.05	2.64	2.45	2.42	2.35	2.59	3.13	3.31	3.04	3.34	3.46	3.54	3.67	4.01	3.98	4.04	5.36	5.14	4.66	4.28	3.96	2.74	2.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	-0.24	-0.26	-3.11	-10.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	42.42	39.36	36.52	35.49	36.54	37.89	41.20	44.37	44.18	38.36	38.23	40.26	40.06	40.22	42.12	43.28	51.21	55.95	60.42	62.89	59.19	51.61	41.86	36.79
24261	3.36	3.05	2.64	2.45	2.42	2.35	2.59	3.13	3.31	3.04	3.34	3.46	3.54	3.67	4.01	3.98	4.04	5.36	5.14	4.66	4.28	3.96	2.74	2.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	-0.24	-0.26	-3.11	-10.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	41.36	38.35	35.71	34.83	36.03	37.50	40.69	43.09	42.26	36.27	35.54	37.43	36.96	36.71	38.27	37.01	37.36	52.51	57.82	61.78	58.48	50.51	41.35	36.48
24011	2.30	2.03	1.83	1.78	1.91	1.95	2.08	1.86	1.39	0.95	0.70	0.63	0.44	0.40	0.42	0.94	1.14	1.92	2.54	3.55	3.57	2.86	2.23	1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	41.52	38.49	35.84	34.93	36.16	37.64	40.89	43.22	42.33	36.31	35.54	37.42	36.92	36.68	38.27	36.97	37.36	52.61	57.99	62.13	58.86	50.75	41.47	36.62
23798	2.46	2.18	1.96	1.88	2.05	2.10	2.28	1.98	1.47	0.99	0.70	0.63	0.40	0.36	0.42	0.90	1.14	2.03	2.71	3.90	3.96	3.10	2.35	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	41.36	38.35	35.71	34.83	36.03	37.50	40.69	43.09	42.26	36.27	35.54	37.43	36.96	36.71	38.27	37.01	37.36	52.51	57.82	61.78	58.48	50.51	41.35	36.48
24028	2.30	2.03	1.83	1.78	1.91	1.95	2.08	1.86	1.39	0.95	0.70	0.63	0.44	0.40	0.42	0.94	1.14	1.92	2.54	3.55	3.57	2.86	2.23	1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	41.09	38.24	35.74	34.86	35.92	37.35	40.65	43.30	42.75	36.98	36.44	38.49	38.27	38.02	39.86	38.32	38.94	53.62	58.37	61.31	57.71	50.03	41.16	36.44
23527	2.03	1.92	1.86	1.82	1.81	1.81	2.04	2.06	1.88	1.66	1.60	1.69	1.75	1.71	2.00	2.13	2.24	3.04	3.09	3.08	2.80	2.38	2.03	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	39.99	37.22	34.76	33.87	34.94	36.29	39.34	41.90	41.36	35.81	35.33	37.35	37.07	36.86	38.53	36.87	37.16	51.70	56.33	59.28	55.84	48.42	39.87	35.27
24190	0.94	0.91	0.88	0.83	0.82	0.75	0.73	0.66	0.49	0.49	0.49	0.55	0.55	0.54	0.68	0.80	0.88	1.11	1.05	1.05	0.93	0.76	0.74	0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	38.74	36.02	33.57	32.75	33.78	35.29	38.42	40.95	40.62	35.04	34.49	36.47	36.08	35.88	37.40	35.71	36.26	49.93	54.45	57.18	54.03	47.22	38.85	34.34
355683	-0.31	-0.29	-0.30	-0.30	-0.34	-0.25	-0.19	-0.29	-0.25	-0.28	-0.35	-0.33	-0.44	-0.44	-0.45	-0.47	-0.44	-0.66	-0.83	-1.05	-0.88	-0.43	-0.27	-0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	40.74	37.91	35.41	34.50	35.58	36.93	39.96	42.35	41.60	35.88	35.33	37.35	37.03	36.82	38.53	37.05	37.66	51.95	56.94	60.27	56.88	49.37	40.53	35.86
323833	1.68	1.60	1.53	1.45	1.47	1.38	1.35	1.11	0.74	0.56	0.49	0.55	0.51	0.51	0.68	0.87	0.95	1.37	1.66	2.04	1.97	1.71	1.41	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	40.74	37.91	35.37	34.50	35.58	36.93	39.96	42.35	41.60	35.88	35.33	37.35	37.03	36.78	38.53	37.05	37.66	51.90	56.88	60.27	56.88	49.37	40.49	35.82
323834	1.68	1.60	1.49	1.45	1.47	1.38	1.35	1.11	0.74	0.56	0.49	0.55	0.51	0.47	0.68	0.87	0.95	1.31	1.60	2.04	1.97	1.71	1.37	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	39.99	37.22	34.76	33.87	34.94	36.29	39.34	41.90	41.36	35.81	35.33	37.35	37.07	36.86	38.53	36.87	37.16	51.70	56.33	59.28	55.84	48.42	39.87	35.27
23571	0.94	0.91	0.88	0.83	0.82	0.75	0.73	0.66	0.49	0.49	0.49	0.55	0.55	0.54	0.68	0.80	0.88	1.11	1.05	1.05	0.93	0.76	0.74	0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	39.99 0.94 0.00	37.22 0.91 0.00	34.76 0.88 0.00	33.87 0.83 0.00	34.94 0.82 0.00	36.29 0.75 0.00	39.34 0.73 0.00	41.90 0.66 0.00	41.36 0.49 0.00	35.81 0.49 0.00	35.33 0.49 0.00	37.35 0.55 0.00	37.07 0.55 0.00	36.86 0.54 0.00	38.53 0.68 0.00	36.87 0.80 0.10	37.16 0.88 0.42	51.70 1.11 0.00	56.33 1.05 0.00	59.28 1.05 0.00	55.84 0.93 0.00	48.42 0.76 0.00	39.87 0.74 0.00	35.27 0.69 0.00
ALBANY___3 23573	39.99 0.94 0.00	37.22 0.91 0.00	34.76 0.88 0.00	33.87 0.83 0.00	34.94 0.82 0.00	36.29 0.75 0.00	39.34 0.73 0.00	41.90 0.66 0.00	41.36 0.49 0.00	35.81 0.49 0.00	35.33 0.49 0.00	37.35 0.55 0.00	37.07 0.55 0.00	36.86 0.54 0.00	38.53 0.68 0.00	36.87 0.80 0.10	37.16 0.88 0.42	51.70 1.11 0.00	56.33 1.05 0.00	59.28 1.05 0.00	55.84 0.93 0.00	48.42 0.76 0.00	39.87 0.74 0.00	35.27 0.69 0.00
ALBANY___4 23574	39.99 0.94 0.00	37.22 0.91 0.00	34.76 0.88 0.00	33.87 0.83 0.00	34.94 0.82 0.00	36.29 0.75 0.00	39.34 0.73 0.00	41.90 0.66 0.00	41.36 0.49 0.00	35.81 0.49 0.00	35.33 0.49 0.00	37.35 0.55 0.00	37.07 0.55 0.00	36.86 0.54 0.00	38.53 0.68 0.00	36.87 0.80 0.10	37.16 0.88 0.42	51.70 1.11 0.00	56.33 1.05 0.00	59.28 1.05 0.00	55.84 0.93 0.00	48.42 0.76 0.00	39.87 0.74 0.00	35.27 0.69 0.00
ALBANY___LFGE 323615	40.39 1.33 0.00	37.55 1.24 0.00	35.06 1.19 0.00	34.17 1.12 0.00	35.24 1.12 0.00	36.61 1.07 0.00	39.73 1.12 0.00	42.31 1.07 0.00	41.64 0.77 0.00	36.06 0.74 0.00	35.54 0.70 0.00	37.61 0.81 0.00	37.32 0.80 0.00	37.11 0.80 0.00	38.83 0.98 0.00	37.18 1.08 0.08	37.50 1.14 0.34	52.10 1.52 0.00	56.88 1.60 0.00	59.98 1.75 0.00	56.50 1.59 0.00	48.99 1.33 0.00	40.26 1.14 0.00	35.61 1.04 0.00
ALCOA_PA_115KV_PL-6C 55860	38.86 -0.19 0.00	36.10 -0.22 0.00	33.64 -0.24 0.00	32.82 -0.23 0.00	33.91 -0.20 0.00	35.44 -0.11 0.00	38.53 -0.08 0.00	41.03 -0.21 0.00	40.70 -0.16 0.00	35.07 -0.25 0.00	34.53 -0.31 0.00	36.50 -0.30 0.00	36.08 -0.44 0.00	35.88 -0.43 0.00	37.40 -0.45 0.00	35.68 -0.51 0.00	36.22 -0.48 0.00	49.93 -0.66 0.00	54.62 -0.66 0.00	57.53 -0.70 0.00	54.36 -0.55 0.00	47.27 -0.38 0.00	38.89 -0.23 0.00	34.41 -0.17 0.00
ALCOA_RYNLDS___DRP 24188	38.86 -0.20 0.00	36.13 -0.18 0.00	33.64 -0.24 0.00	32.81 -0.23 0.00	33.91 -0.20 0.00	35.44 -0.11 0.00	38.53 -0.08 0.00	41.03 -0.21 0.00	40.70 -0.16 0.00	35.07 -0.25 0.00	34.53 -0.31 0.00	36.51 -0.29 0.00	36.08 -0.44 0.00	35.88 -0.44 0.00	37.40 -0.45 0.00	35.68 -0.51 0.00	36.23 -0.48 0.00	49.88 -0.71 0.00	54.62 -0.66 0.00	57.53 -0.70 0.00	54.36 -0.55 0.00	47.32 -0.33 0.00	38.93 -0.20 0.00	34.40 -0.17 0.00
ALCOA___DSASP 323711	38.86 -0.20 0.00	36.13 -0.18 0.00	33.64 -0.24 0.00	32.81 -0.23 0.00	33.91 -0.20 0.00	35.44 -0.11 0.00	38.53 -0.08 0.00	41.03 -0.21 0.00	40.70 -0.16 0.00	35.07 -0.25 0.00	34.53 -0.31 0.00	36.51 -0.29 0.00	36.08 -0.44 0.00	35.88 -0.44 0.00	37.40 -0.45 0.00	35.68 -0.51 0.00	36.23 -0.48 0.00	49.88 -0.71 0.00	54.62 -0.66 0.00	57.53 -0.70 0.00	54.36 -0.55 0.00	47.32 -0.33 0.00	38.93 -0.20 0.00	34.40 -0.17 0.00
ALLEGHENY___COGEN 23514	48.40 -1.09 -10.44	36.37 -0.83 -0.89	33.01 -0.95 -0.08	32.22 -0.82 0.00	33.50 -0.65 -0.04	35.15 -0.42 -0.04	49.76 -0.66 -11.81	71.78 -0.87 -31.42	70.28 -1.22 -30.64	44.14 -1.59 -10.41	37.80 -2.02 -4.98	41.97 -2.14 -7.31	45.54 -2.01 -11.03	42.32 -2.03 -8.04	49.42 -2.16 -13.72	43.85 -2.03 -9.70	34.89 -2.02 -0.21	73.43 -2.48 -25.32	76.79 -1.33 -22.84	61.52 0.06 -3.23	57.97 0.39 -2.68	49.88 0.14 -2.08	38.97 -0.16 0.00	34.07 -0.59 -0.08
ALTAMONT_115KV_TB 2 55880	40.23 1.17 0.00	37.44 1.13 0.00	34.93 1.05 0.00	34.07 1.02 0.00	35.14 1.02 0.00	36.50 0.96 0.00	39.57 0.97 0.00	42.18 0.95 0.00	41.68 0.82 0.00	36.06 0.74 0.00	35.57 0.73 0.00	37.61 0.81 0.00	37.32 0.80 0.00	37.11 0.80 0.00	38.80 0.95 0.00	37.01 1.01 0.19	37.04 1.10 0.77	52.05 1.47 0.00	56.77 1.49 0.00	59.74 1.51 0.00	56.33 1.43 0.00	48.89 1.24 0.00	40.10 0.98 0.00	35.44 0.86 0.00
ALTONA_WT_PWR 323606	38.94 -0.12 0.00	36.13 -0.18 0.00	33.64 -0.24 0.00	32.75 -0.30 0.00	33.78 -0.34 0.00	35.30 -0.25 0.00	38.38 -0.23 0.00	40.90 -0.33 0.00	40.58 -0.28 0.00	35.00 -0.32 0.00	34.49 -0.35 0.00	36.47 -0.33 0.00	36.04 -0.48 0.00	35.80 -0.51 0.00	37.32 -0.53 0.00	35.68 -0.51 0.00	36.22 -0.48 0.00	49.98 -0.60 0.00	54.73 -0.55 0.00	57.76 -0.47 0.00	54.58 -0.33 0.00	47.42 -0.24 0.00	38.89 -0.23 0.00	34.34 -0.24 0.00
AMERICAN_REF_FUEL 24010	31.51 -4.81 2.74	31.90 -4.17 0.24	29.93 -3.93 0.02	28.91 -4.13 0.00	30.46 -3.65 0.01	31.91 -3.63 0.01	31.34 -4.17 3.10	29.10 -3.92 8.22	29.01 -3.56 8.30	29.21 -3.28 2.82	29.97 -3.52 1.35	31.13 -3.75 1.92	29.94 -3.69 2.89	30.39 -3.81 2.11	30.03 -4.20 3.61	29.39 -4.23 2.56	31.63 -4.88 0.19	35.25 -6.17 9.16	40.07 -6.41 8.80	47.07 -6.99 4.17	44.96 -6.48 3.47	39.34 -5.77 2.54	34.70 -4.42 0.00	30.48 -4.08 0.02
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.25 -3.40 3.41	32.97 -3.05 0.29	30.77 -3.08 0.03	30.07 -2.97 0.00	31.00 -3.10 0.01	32.47 -3.06 0.01	31.85 -2.90 3.86	28.29 -2.68 10.27	28.28 -2.53 10.05	29.61 -2.30 3.42	30.66 -2.54 1.63	31.98 -2.43 2.39	30.47 -2.45 3.60	31.18 -2.51 2.63	30.46 -3.03 4.37	30.13 -2.97 3.09	33.31 -3.19 0.20	35.93 -4.20 10.46	41.23 -4.09 9.95	50.30 -3.67 4.26	47.74 -3.63 3.54	41.92 -3.15 2.58	36.31 -2.82 0.00	31.86 -2.70 0.03
ARTHUR KILL_GT_1 23520	42.42 3.36 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.57 2.46 0.00	37.78 2.24 0.00	40.93 2.32 0.00	44.04 2.80 0.00	43.81 2.94 0.00	38.04 2.72 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.84 3.32 0.00	40.11 3.56 -0.24	42.04 3.94 -0.26	43.21 3.91 -3.11	51.18 4.00 -10.48	55.85 5.26 0.00	59.76 4.48 0.00	61.94 3.78 0.07	58.64 3.73 0.00	51.56 3.91 0.00	41.74 2.62 0.00	36.79 2.21 0.00
ARTHUR_KILL_2 23512	42.30 3.24 -0.01	39.19 2.87 -0.01	36.43 2.54 -0.01	35.50 2.45 -0.01	36.44 2.32 0.00	37.64 2.10 0.00	40.81 2.20 0.00	43.88 2.64 0.00	43.60 2.74 0.00	37.93 2.61 0.00	37.88 3.00 -0.04	39.89 3.09 0.00	39.73 3.21 0.00	39.96 3.41 -0.24	42.01 3.90 -0.26	43.10 3.80 -3.11	51.03 3.85 -10.48	55.75 5.16 0.00	59.48 4.20 0.00	61.77 3.61 0.07	58.37 3.46 0.00	51.32 3.67 0.00	41.59 2.47 0.00	36.69 2.11 0.00
ARTHUR_KILL_3 23513	41.95 2.89 0.00	38.85 2.54 0.00	36.08 2.20 0.00	35.13 2.08 0.00	36.09 1.98 0.00	37.42 1.88 0.00	40.73 2.12 0.00	43.84 2.60 0.00	43.60 2.74 0.00	37.93 2.61 0.00	37.81 2.93 -0.04	39.82 3.02 0.00	39.59 3.07 0.00	39.78 3.23 -0.23	41.77 3.67 -0.25	42.84 3.55 -3.11	50.77 3.60 -10.47	55.34 4.75 0.00	59.70 4.42 0.00	62.01 3.84 0.06	58.47 3.57 0.00	50.99 3.33 0.00	41.39 2.27 0.00	36.48 1.90 0.00

ARTHUR_KILL_COGEN 323718	42.42 3.36 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.60 2.54 -0.01	36.54 2.42 0.00	37.75 2.20 0.00	40.93 2.32 0.00	44.00 2.76 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.84 3.32 0.00	40.11 3.56 -0.24	42.12 4.01 -0.26	43.21 3.91 -3.11	51.18 4.00 -10.48	55.90 5.31 0.00	59.70 4.42 0.00	62.00 3.84 0.07	58.59 3.68 0.00	51.51 3.86 0.00	41.70 2.58 0.00	36.79 2.21 0.00
ASHOKAN____ 23654	41.32 2.26 0.00	38.31 2.00 0.00	35.74 1.86 0.00	34.76 1.72 0.00	35.72 1.60 0.00	36.93 1.38 0.00	39.81 1.20 0.00	42.06 0.82 0.00	41.73 0.86 0.00	35.99 0.67 0.00	35.57 0.73 0.00	37.54 0.74 0.00	37.29 0.77 0.00	37.15 0.84 0.00	39.29 1.44 0.00	39.66 2.64 -0.84	43.04 2.94 -3.40	53.87 3.29 0.00	58.82 3.54 0.00	61.90 3.67 0.00	58.31 3.41 0.00	50.51 2.86 0.00	41.35 2.23 0.00	36.31 1.73 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.14 3.08 0.00	39.04 2.72 0.00	36.15 2.27 0.00	35.26 2.21 0.00	36.09 1.98 0.01	37.42 1.88 0.01	40.68 2.08 0.01	43.79 2.56 0.01	43.60 2.74 0.01	37.96 2.65 0.01	37.91 3.03 -0.04	39.77 2.98 0.01	39.61 3.10 0.01	39.95 3.41 -0.23	41.96 3.86 -0.25	43.02 3.73 -3.11	50.87 3.71 -10.46	55.44 4.86 0.01	59.59 4.31 0.01	61.95 3.73 0.01	58.30 3.41 0.01	50.93 3.29 0.01	41.34 2.23 0.01	36.44 1.87 0.01
ASTORIA_EAST_ENERGY_CC2 323582	42.14 3.08 0.00	39.04 2.72 0.00	36.15 2.27 0.00	35.26 2.21 0.00	36.09 1.98 0.01	37.42 1.88 0.01	40.68 2.08 0.01	43.79 2.56 0.01	43.60 2.74 0.01	37.96 2.65 0.01	37.91 3.03 -0.04	39.77 2.98 0.01	39.61 3.10 0.01	39.95 3.41 -0.23	41.96 3.86 -0.25	43.02 3.73 -3.11	50.87 3.71 -10.46	55.44 4.86 0.01	59.59 4.31 0.01	61.95 3.73 0.01	58.30 3.41 0.01	50.93 3.29 0.01	41.34 2.23 0.01	36.44 1.87 0.01
ASTORIA_GT2_1 24094	42.14 3.09 0.00	39.11 2.80 0.00	36.18 2.30 0.00	35.13 2.08 0.00	36.13 2.01 0.00	37.46 1.92 0.00	40.69 2.08 0.00	43.88 2.64 0.00	43.73 2.86 0.00	37.97 2.65 0.00	37.91 3.03 -0.04	39.82 3.02 0.00	39.62 3.10 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.06 3.76 -3.11	50.88 3.71 -10.47	55.39 4.81 0.00	59.65 4.37 0.00	61.96 3.73 0.00	58.37 3.46 0.00	50.99 3.34 0.00	41.39 2.27 0.00	36.44 1.87 0.00
ASTORIA_GT2_2 24095	42.14 3.09 0.00	39.11 2.80 0.00	36.18 2.30 0.00	35.13 2.08 0.00	36.13 2.01 0.00	37.46 1.92 0.00	40.69 2.08 0.00	43.88 2.64 0.00	43.73 2.86 0.00	37.97 2.65 0.00	37.91 3.03 -0.04	39.82 3.02 0.00	39.62 3.10 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.06 3.76 -3.11	50.88 3.71 -10.47	55.39 4.81 0.00	59.65 4.37 0.00	61.96 3.73 0.00	58.37 3.46 0.00	50.99 3.34 0.00	41.39 2.27 0.00	36.44 1.87 0.00
ASTORIA_GT2_3 24096	42.14 3.09 0.00	39.11 2.80 0.00	36.18 2.30 0.00	35.13 2.08 0.00	36.13 2.01 0.00	37.46 1.92 0.00	40.69 2.08 0.00	43.88 2.64 0.00	43.73 2.86 0.00	37.97 2.65 0.00	37.91 3.03 -0.04	39.82 3.02 0.00	39.62 3.10 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.06 3.76 -3.11	50.88 3.71 -10.47	55.39 4.81 0.00	59.65 4.37 0.00	61.96 3.73 0.00	58.37 3.46 0.00	50.99 3.34 0.00	41.39 2.27 0.00	36.44 1.87 0.00
ASTORIA_GT2_4 24097	42.14 3.09 0.00	39.11 2.80 0.00	36.18 2.30 0.00	35.13 2.08 0.00	36.13 2.01 0.00	37.46 1.92 0.00	40.69 2.08 0.00	43.88 2.64 0.00	43.73 2.86 0.00	37.97 2.65 0.00	37.91 3.03 -0.04	39.82 3.02 0.00	39.62 3.10 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.06 3.76 -3.11	50.88 3.71 -10.47	55.39 4.81 0.00	59.65 4.37 0.00	61.96 3.73 0.00	58.37 3.46 0.00	50.99 3.34 0.00	41.39 2.27 0.00	36.44 1.87 0.00
ASTORIA_GT3_1 24098	42.14 3.09 0.00	39.11 2.80 0.00	36.18 2.30 0.00	35.13 2.08 0.00	36.13 2.01 0.00	37.46 1.92 0.00	40.69 2.08 0.00	43.88 2.64 0.00	43.73 2.86 0.00	37.97 2.65 0.00	37.91 3.03 -0.04	39.82 3.02 0.00	39.62 3.10 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.06 3.76 -3.11	50.88 3.71 -10.47	55.39 4.81 0.00	59.65 4.37 0.00	61.96 3.73 0.00	58.37 3.46 0.00	50.99 3.34 0.00	41.39 2.27 0.00	36.44 1.87 0.00
ASTORIA_GT3_2 24099	42.14 3.09 0.00	39.11 2.80 0.00	36.18 2.30 0.00	35.13 2.08 0.00	36.13 2.01 0.00	37.46 1.92 0.00	40.69 2.08 0.00	43.88 2.64 0.00	43.73 2.86 0.00	37.97 2.65 0.00	37.91 3.03 -0.04	39.82 3.02 0.00	39.62 3.10 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.06 3.76 -3.11	50.88 3.71 -10.47	55.39 4.81 0.00	59.65 4.37 0.00	61.96 3.73 0.00	58.37 3.46 0.00	50.99 3.34 0.00	41.39 2.27 0.00	36.44 1.87 0.00
ASTORIA_GT3_3 24100	42.14 3.09 0.00	39.11 2.80 0.00	36.18 2.30 0.00	35.13 2.08 0.00	36.13 2.01 0.00	37.46 1.92 0.00	40.69 2.08 0.00	43.88 2.64 0.00	43.73 2.86 0.00	37.97 2.65 0.00	37.91 3.03 -0.04	39.82 3.02 0.00	39.62 3.10 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.06 3.76 -3.11	50.88 3.71 -10.47	55.39 4.81 0.00	59.65 4.37 0.00	61.96 3.73 0.00	58.37 3.46 0.00	50.99 3.34 0.00	41.39 2.27 0.00	36.44 1.87 0.00
ASTORIA_GT3_4 24101	42.14 3.09 0.00	39.11 2.80 0.00	36.18 2.30 0.00	35.13 2.08 0.00	36.13 2.01 0.00	37.46 1.92 0.00	40.69 2.08 0.00	43.88 2.64 0.00	43.73 2.86 0.00	37.97 2.65 0.00	37.91 3.03 -0.04	39.82 3.02 0.00	39.62 3.10 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.06 3.76 -3.11	50.88 3.71 -10.47	55.39 4.81 0.00	59.65 4.37 0.00	61.96 3.73 0.00	58.37 3.46 0.00	50.99 3.34 0.00	41.39 2.27 0.00	36.44 1.87 0.00
ASTORIA_GT4_1 24102	42.14 3.09 0.00	39.11 2.80 0.00	36.18 2.30 0.00	35.13 2.08 0.00	36.13 2.01 0.00	37.46 1.92 0.00	40.69 2.08 0.00	43.88 2.64 0.00	43.73 2.86 0.00	37.97 2.65 0.00	37.91 3.03 -0.04	39.82 3.02 0.00	39.62 3.10 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.06 3.76 -3.11	50.88 3.71 -10.47	55.39 4.81 0.00	59.65 4.37 0.00	61.96 3.73 0.00	58.37 3.46 0.00	50.99 3.34 0.00	41.39 2.27 0.00	36.44 1.87 0.00
ASTORIA_GT4_2 24103	42.14 3.09 0.00	39.11 2.80 0.00	36.18 2.30 0.00	35.13 2.08 0.00	36.13 2.01 0.00	37.46 1.92 0.00	40.69 2.08 0.00	43.88 2.64 0.00	43.73 2.86 0.00	37.97 2.65 0.00	37.91 3.03 -0.04	39.82 3.02 0.00	39.62 3.10 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.06 3.76 -3.11	50.88 3.71 -10.47	55.39 4.81 0.00	59.65 4.37 0.00	61.96 3.73 0.00	58.37 3.46 0.00	50.99 3.34 0.00	41.39 2.27 0.00	36.44 1.87 0.00
ASTORIA_GT4_3 24104	42.14 3.09 0.00	39.11 2.80 0.00	36.18 2.30 0.00	35.13 2.08 0.00	36.13 2.01 0.00	37.46 1.92 0.00	40.69 2.08 0.00	43.88 2.64 0.00	43.73 2.86 0.00	37.97 2.65 0.00	37.91 3.03 -0.04	39.82 3.02 0.00	39.62 3.10 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.06 3.76 -3.11	50.88 3.71 -10.47	55.39 4.81 0.00	59.65 4.37 0.00	61.96 3.73 0.00	58.37 3.46 0.00	50.99 3.34 0.00	41.39 2.27 0.00	36.44 1.87 0.00

ASTORIA_GT4_4 24105	42.14 3.09 0.00	39.11 2.80 0.00	36.18 2.30 0.00	35.13 2.08 0.00	36.13 2.01 0.00	37.46 1.92 0.00	40.69 2.08 0.00	43.88 2.64 0.00	43.73 2.86 0.00	37.97 2.65 0.00	37.91 3.03 -0.04	39.82 3.02 0.00	39.62 3.10 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.06 3.76 -3.11	50.88 3.71 -10.47	55.39 4.81 0.00	59.65 4.37 0.00	61.96 3.73 0.00	58.37 3.46 0.00	50.99 3.34 0.00	41.39 2.27 0.00	36.44 1.87 0.00
ASTORIA_GT_1 23523	42.22 3.16 0.00	39.18 2.87 0.00	36.25 2.37 0.00	35.19 2.15 0.00	36.20 2.08 0.00	37.53 1.99 0.00	40.77 2.16 0.00	43.96 2.72 0.00	43.81 2.94 0.00	38.08 2.75 0.00	38.02 3.14 -0.04	39.89 3.09 0.00	39.73 3.21 0.00	40.07 3.52 -0.24	41.97 3.86 -0.26	43.13 3.84 -3.11	50.95 3.78 -10.47	55.54 4.96 0.00	59.76 4.48 0.00	62.07 3.84 0.00	58.48 3.57 0.00	51.08 3.43 0.00	41.47 2.35 0.00	36.51 1.94 0.00
ASTORIA_GT_10 24110	42.18 3.12 0.00	39.18 2.87 0.00	36.32 2.44 0.00	35.33 2.28 0.00	36.33 2.22 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.04 2.80 0.00	43.85 2.98 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.02 3.73 -3.11	50.95 3.78 -10.47	55.54 4.96 0.00	59.81 4.53 0.00	62.19 3.96 0.00	58.59 3.68 0.00	51.18 3.53 0.00	41.55 2.43 0.00	36.62 2.04 0.00
ASTORIA_GT_11 24225	42.18 3.12 0.00	39.18 2.87 0.00	36.32 2.44 0.00	35.33 2.28 0.00	36.33 2.22 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.04 2.80 0.00	43.85 2.98 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.02 3.73 -3.11	50.95 3.78 -10.47	55.54 4.96 0.00	59.81 4.53 0.00	62.19 3.96 0.00	58.59 3.68 0.00	51.18 3.53 0.00	41.55 2.43 0.00	36.62 2.04 0.00
ASTORIA_GT_12 24226	42.18 3.12 0.00	39.18 2.87 0.00	36.32 2.44 0.00	35.33 2.28 0.00	36.33 2.22 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.04 2.80 0.00	43.85 2.98 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.02 3.73 -3.11	50.95 3.78 -10.47	55.54 4.96 0.00	59.81 4.53 0.00	62.19 3.96 0.00	58.59 3.68 0.00	51.18 3.53 0.00	41.55 2.43 0.00	36.62 2.04 0.00
ASTORIA_GT_13 24227	42.18 3.12 0.00	39.18 2.87 0.00	36.32 2.44 0.00	35.33 2.28 0.00	36.33 2.22 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.04 2.80 0.00	43.85 2.98 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.02 3.73 -3.11	50.95 3.78 -10.47	55.54 4.96 0.00	59.81 4.53 0.00	62.19 3.96 0.00	58.59 3.68 0.00	51.18 3.53 0.00	41.55 2.43 0.00	36.62 2.04 0.00
ASTORIA_GT_5 24106	42.22 3.16 0.00	39.18 2.87 0.00	36.25 2.37 0.00	35.19 2.15 0.00	36.20 2.08 0.00	37.53 1.99 0.00	40.77 2.16 0.00	43.96 2.72 0.00	43.81 2.94 0.00	38.08 2.75 0.00	38.02 3.14 -0.04	39.89 3.09 0.00	39.73 3.21 0.00	40.07 3.52 -0.24	41.97 3.86 -0.26	43.13 3.84 -3.11	50.95 3.78 -10.47	55.54 4.96 0.00	59.76 4.48 0.00	62.07 3.84 0.00	58.48 3.57 0.00	51.08 3.43 0.00	41.47 2.35 0.00	36.51 1.94 0.00
ASTORIA_GT_7 24107	42.22 3.16 0.00	39.18 2.87 0.00	36.25 2.37 0.00	35.19 2.15 0.00	36.20 2.08 0.00	37.53 1.99 0.00	40.77 2.16 0.00	43.96 2.72 0.00	43.81 2.94 0.00	38.08 2.75 0.00	38.02 3.14 -0.04	39.89 3.09 0.00	39.73 3.21 0.00	40.07 3.52 -0.24	41.97 3.86 -0.26	43.13 3.84 -3.11	50.95 3.78 -10.47	55.54 4.96 0.00	59.76 4.48 0.00	62.07 3.84 0.00	58.48 3.57 0.00	51.08 3.43 0.00	41.47 2.35 0.00	36.51 1.94 0.00
ASTORIA_GT_8 24108	42.22 3.16 0.00	39.18 2.87 0.00	36.25 2.37 0.00	35.19 2.15 0.00	36.20 2.08 0.00	37.53 1.99 0.00	40.77 2.16 0.00	43.96 2.72 0.00	43.81 2.94 0.00	38.08 2.75 0.00	38.02 3.14 -0.04	39.89 3.09 0.00	39.73 3.21 0.00	40.07 3.52 -0.24	41.97 3.86 -0.26	43.13 3.84 -3.11	50.95 3.78 -10.47	55.54 4.96 0.00	59.76 4.48 0.00	62.07 3.84 0.00	58.48 3.57 0.00	51.08 3.43 0.00	41.47 2.35 0.00	36.51 1.94 0.00
ASTORIA___2 24149	42.14 3.08 0.00	39.04 2.72 0.00	36.18 2.30 0.00	35.26 2.21 0.00	36.09 1.98 0.01	37.42 1.88 0.01	40.68 2.08 0.01	43.83 2.60 0.01	43.64 2.78 0.01	37.96 2.65 0.01	37.91 3.03 -0.04	39.81 3.02 0.01	39.61 3.10 0.01	39.99 3.45 -0.23	42.00 3.90 -0.25	43.05 3.76 -3.11	50.87 3.71 -10.46	55.44 4.86 0.01	59.59 4.31 0.01	61.95 3.73 0.01	58.30 3.41 0.01	50.93 3.29 0.01	41.34 2.23 0.01	36.44 1.87 0.01
ASTORIA___3 23516	42.18 3.13 0.00	39.11 2.80 0.00	36.32 2.44 0.00	35.36 2.31 0.00	36.30 2.19 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.00 2.76 0.00	43.77 2.90 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	40.00 3.45 -0.24	41.97 3.86 -0.26	43.03 3.73 -3.11	50.95 3.78 -10.47	55.60 5.01 0.00	59.81 4.53 0.00	62.19 3.96 0.00	58.53 3.62 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.62 2.04 0.00
ASTORIA___4 23517	42.18 3.12 0.00	39.18 2.87 0.00	36.32 2.44 0.00	35.33 2.28 0.00	36.33 2.22 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.04 2.80 0.00	43.85 2.98 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.02 3.73 -3.11	50.95 3.78 -10.47	55.54 4.96 0.00	59.81 4.53 0.00	62.19 3.96 0.00	58.59 3.68 0.00	51.18 3.53 0.00	41.55 2.43 0.00	36.62 2.04 0.00
ASTORIA___5 23518	42.18 3.13 0.00	39.11 2.80 0.00	36.32 2.44 0.00	35.36 2.31 0.00	36.30 2.19 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.00 2.76 0.00	43.77 2.90 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	40.00 3.45 -0.24	41.97 3.86 -0.26	43.03 3.73 -3.11	50.95 3.78 -10.47	55.60 5.01 0.00	59.81 4.53 0.00	62.19 3.96 0.00	58.53 3.62 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.62 2.04 0.00
AST_ENERGY_2_CC3 323677	42.06 3.01 0.00	39.00 2.69 0.00	36.25 2.37 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.57 2.02 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.68 2.82 0.00	38.04 2.72 0.00	37.88 3.00 -0.04	39.89 3.09 0.00	39.69 3.18 0.00	39.85 3.30 -0.24	41.85 3.75 -0.25	42.91 3.62 -3.11	50.84 3.67 -10.47	55.44 4.86 0.00	59.86 4.59 0.00	62.31 4.07 0.00	58.69 3.79 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.00 0.00
AST_ENERGY_2_CC4 323678	42.06 3.01 0.00	39.00 2.69 0.00	36.25 2.37 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.57 2.02 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.68 2.82 0.00	38.04 2.72 0.00	37.88 3.00 -0.04	39.89 3.09 0.00	39.69 3.18 0.00	39.85 3.30 -0.24	41.85 3.75 -0.25	42.91 3.62 -3.11	50.84 3.67 -10.47	55.44 4.86 0.00	59.86 4.59 0.00	62.31 4.07 0.00	58.69 3.79 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.00 0.00

ATHENS_STG_1 23668	40.54 1.48 0.00	37.69 1.38 0.00	35.20 1.32 0.00	34.27 1.22 0.00	35.31 1.19 0.00	36.65 1.10 0.00	39.73 1.12 0.00	42.47 1.24 0.00	41.93 1.06 0.00	36.38 1.06 0.00	36.02 1.19 0.00	38.01 1.21 0.00	37.80 1.28 0.00	37.58 1.27 0.00	39.37 1.52 0.00	36.50 1.52 1.20	33.35 1.54 4.89	52.66 2.07 0.00	57.27 1.99 0.00	60.04 1.81 0.00	56.55 1.65 0.00	49.13 1.48 0.00	40.18 1.06 0.00	35.51 0.93 0.00
ATHENS_STG_2 23670	40.54 1.48 0.00	37.69 1.38 0.00	35.20 1.32 0.00	34.27 1.22 0.00	35.31 1.19 0.00	36.65 1.10 0.00	39.73 1.12 0.00	42.47 1.24 0.00	41.93 1.06 0.00	36.38 1.06 0.00	36.02 1.19 0.00	38.01 1.21 0.00	37.80 1.28 0.00	37.58 1.27 0.00	39.37 1.52 0.00	36.50 1.52 1.20	33.35 1.54 4.89	52.66 2.07 0.00	57.27 1.99 0.00	60.04 1.81 0.00	56.55 1.65 0.00	49.13 1.48 0.00	40.18 1.06 0.00	35.51 0.93 0.00
ATHENS_STG_3 23677	40.54 1.48 0.00	37.69 1.38 0.00	35.20 1.32 0.00	34.27 1.22 0.00	35.31 1.19 0.00	36.65 1.10 0.00	39.73 1.12 0.00	42.47 1.24 0.00	41.93 1.06 0.00	36.38 1.06 0.00	36.02 1.19 0.00	38.01 1.21 0.00	37.80 1.28 0.00	37.58 1.27 0.00	39.37 1.52 0.00	36.50 1.52 1.20	33.35 1.54 4.89	52.66 2.07 0.00	57.27 1.99 0.00	60.04 1.81 0.00	56.55 1.65 0.00	49.13 1.48 0.00	40.18 1.06 0.00	35.51 0.93 0.00
AUBURN___LFGE 323710	39.54 -0.23 -0.72	36.12 -0.25 -0.06	33.65 -0.24 -0.01	32.85 -0.20 0.00	33.98 -0.14 0.00	35.51 -0.04 0.00	39.34 -0.08 -0.81	43.31 -0.08 -2.16	42.87 -0.12 -2.13	35.83 -0.21 -0.72	34.84 -0.35 -0.35	36.98 -0.33 -0.51	36.99 -0.29 -0.77	36.54 -0.33 -0.56	38.35 -0.45 -0.95	36.35 -0.51 -0.67	36.14 -0.59 -0.02	51.80 -0.66 -1.87	56.64 -0.33 -1.69	58.77 0.17 -0.37	55.32 0.11 -0.31	47.84 -0.05 -0.23	39.04 -0.08 0.00	34.44 -0.14 -0.01
BABYLON_RES_REC 323704	43.05 3.99 -0.01	39.54 3.23 0.00	36.83 2.95 0.00	35.56 2.51 0.00	36.78 2.66 0.00	37.78 2.24 0.00	40.89 2.28 0.00	43.84 2.60 0.00	43.77 2.90 0.00	38.43 3.11 0.00	40.14 3.80 -1.50	43.73 3.90 -3.03	45.87 3.98 -5.37	48.42 4.07 -8.04	51.11 4.54 -8.72	54.96 4.41 -14.37	56.93 4.40 -15.82	62.90 5.76 -6.55	64.17 5.69 -3.20	67.65 5.35 -4.07	59.52 4.61 0.00	51.89 4.24 0.00	42.45 3.32 0.00	37.14 2.56 0.00
BALL_HILL_WT_PWR 323825	31.84 -3.55 3.67	32.84 -3.16 0.32	30.70 -3.15 0.03	29.94 -3.11 0.00	31.00 -3.10 0.01	32.44 -3.09 0.01	31.45 -3.01 4.15	27.39 -2.81 11.04	27.50 -2.57 10.79	29.29 -2.37 3.67	30.51 -2.58 1.76	31.58 -2.65 2.57	30.02 -2.69 3.87	30.80 -3.03 2.82	30.14 -3.04 4.68	29.83 -3.04 3.32	33.16 -4.35 0.21	35.12 -4.37 11.12	40.35 -4.08 10.56	49.72 -3.95 4.44	47.27 -3.38 3.69	41.58 -3.13 2.69	35.99 -2.94 0.00	31.61 0.03 0.03
BARON_WINDS___WT_PWR 323822	22.29 -1.52 15.24	33.63 -1.38 1.31	32.31 -1.46 0.11	31.56 -1.49 0.00	32.70 -1.37 0.05	34.18 -1.31 0.05	20.16 -1.20 17.25	-6.00 -1.36 45.88	-5.34 -1.47 44.74	18.60 -1.52 15.20	25.93 -1.64 7.27	24.44 -1.69 10.67	18.89 -1.53 16.10	23.02 -1.56 11.74	16.21 -1.70 19.94	20.53 -1.55 14.09	34.45 -1.76 0.49	8.26 -2.03 40.30	16.51 -1.66 37.11	47.68 -1.16 9.38	46.02 -1.10 7.79	40.78 -1.05 5.82	37.91 -1.21 0.00	33.22 -1.24 0.11
BARRETT_IC_1 23704	42.55 3.47 -0.02	39.15 2.83 -0.01	36.46 2.57 -0.01	35.26 2.21 0.00	36.44 2.32 -0.01	37.54 1.99 -0.01	40.62 2.01 0.00	43.59 2.35 0.00	43.45 2.58 -0.01	38.08 2.76 0.00	39.73 3.38 -1.51	43.30 3.46 -3.04	45.40 3.51 -5.38	48.09 3.63 -8.15	50.73 4.05 -8.82	104.41 3.94 -64.29	103.84 4.00 -63.14	120.24 5.31 -64.35	91.96 5.25 -31.43	103.18 4.89 -40.06	59.37 4.39 -0.07	51.44 3.72 -0.07	41.94 2.82 0.00	36.76 2.18 0.00
BARRETT_IC_10 23701	42.55 3.47 -0.02	39.15 2.83 -0.01	36.46 2.57 -0.01	35.26 2.21 0.00	36.44 2.32 -0.01	37.54 1.99 -0.01	40.62 2.01 0.00	43.59 2.35 0.00	43.45 2.58 -0.01	38.08 2.76 0.00	39.73 3.38 -1.51	43.30 3.46 -3.04	45.40 3.51 -5.38	48.09 3.63 -8.15	50.73 4.05 -8.82	104.41 3.94 -64.29	103.84 4.00 -63.14	120.24 5.31 -64.35	91.96 5.25 -31.43	103.18 4.89 -40.06	59.37 4.39 -0.07	51.44 3.72 -0.07	41.94 2.82 0.00	36.76 2.18 0.00
BARRETT_IC_11 23702	42.55 3.47 -0.02	39.15 2.83 -0.01	36.46 2.57 -0.01	35.26 2.21 0.00	36.44 2.32 -0.01	37.54 1.99 -0.01	40.62 2.01 0.00	43.59 2.35 0.00	43.45 2.58 -0.01	38.08 2.76 0.00	39.73 3.38 -1.51	43.30 3.46 -3.04	45.40 3.51 -5.38	48.09 3.63 -8.15	50.73 4.05 -8.82	104.41 3.94 -64.29	103.84 4.00 -63.14	120.24 5.31 -64.35	91.96 5.25 -31.43	103.18 4.89 -40.06	59.37 4.39 -0.07	51.44 3.72 -0.07	41.94 2.82 0.00	36.76 2.18 0.00
BARRETT_IC_12 23703	42.55 3.47 -0.02	39.15 2.83 -0.01	36.46 2.57 -0.01	35.26 2.21 0.00	36.44 2.32 -0.01	37.54 1.99 -0.01	40.62 2.01 0.00	43.59 2.35 0.00	43.45 2.58 -0.01	38.08 2.76 0.00	39.73 3.38 -1.51	43.30 3.46 -3.04	45.40 3.51 -5.38	48.09 3.63 -8.15	50.73 4.05 -8.82	104.41 3.94 -64.29	103.84 4.00 -63.14	120.24 5.31 -64.35	91.96 5.25 -31.43	103.18 4.89 -40.06	59.37 4.39 -0.07	51.44 3.72 -0.07	41.94 2.82 0.00	36.76 2.18 0.00
BARRETT_IC_2 23705	42.55 3.47 -0.02	39.15 2.83 -0.01	36.46 2.57 -0.01	35.26 2.21 0.00	36.44 2.32 -0.01	37.54 1.99 -0.01	40.62 2.01 0.00	43.59 2.35 0.00	43.45 2.58 -0.01	38.08 2.76 0.00	39.73 3.38 -1.51	43.30 3.46 -3.04	45.40 3.51 -5.38	48.09 3.63 -8.15	50.73 4.05 -8.82	104.41 3.94 -64.29	103.84 4.00 -63.14	120.24 5.31 -64.35	91.96 5.25 -31.43	103.18 4.89 -40.06	59.37 4.39 -0.07	51.44 3.72 -0.07	41.94 2.82 0.00	36.76 2.18 0.00
BARRETT_IC_3 23706	42.55 3.47 -0.02	39.15 2.83 -0.01	36.46 2.57 -0.01	35.26 2.21 0.00	36.44 2.32 -0.01	37.54 1.99 -0.01	40.62 2.01 0.00	43.59 2.35 0.00	43.45 2.58 -0.01	38.08 2.76 0.00	39.73 3.38 -1.51	43.30 3.46 -3.04	45.40 3.51 -5.38	48.09 3.63 -8.15	50.73 4.05 -8.82	104.41 3.94 -64.29	103.84 4.00 -63.14	120.24 5.31 -64.35	91.96 5.25 -31.43	103.18 4.89 -40.06	59.37 4.39 -0.07	51.44 3.72 -0.07	41.94 2.82 0.00	36.76 2.18 0.00
BARRETT_IC_4 23707	42.55 3.47 -0.02	39.15 2.83 -0.01	36.46 2.57 -0.01	35.26 2.21 0.00	36.44 2.32 -0.01	37.54 1.99 -0.01	40.62 2.01 0.00	43.59 2.35 0.00	43.45 2.58 -0.01	38.08 2.76 0.00	39.73 3.38 -1.51	43.30 3.46 -3.04	45.40 3.51 -5.38	48.09 3.63 -8.15	50.73 4.05 -8.82	104.41 3.94 -64.29	103.84 4.00 -63.14	120.24 5.31 -64.35	91.96 5.25 -31.43	103.18 4.89 -40.06	59.37 4.39 -0.07	51.44 3.72 -0.07	41.94 2.82 0.00	36.76 2.18 0.00
BARRETT_IC_5 23708	42.55 3.47 -0.02	39.15 2.83 -0.01	36.46 2.57 -0.01	35.26 2.21 0.00	36.44 2.32 -0.01	37.54 1.99 -0.01	40.62 2.01 0.00	43.59 2.35 0.00	43.45 2.58 -0.01	38.08 2.76 0.00	39.73 3.38 -1.51	43.30 3.46 -3.04	45.40 3.51 -5.38	48.09 3.63 -8.15	50.73 4.05 -8.82	104.41 3.94 -64.29	103.84 4.00 -63.14	120.24 5.31 -64.35	91.96 5.25 -31.43	103.18 4.89 -40.06	59.37 4.39 -0.07	51.44 3.72 -0.07	41.94 2.82 0.00	36.76 2.18 0.00

BARRETT_IC_6 23709	42.55 3.47 -0.02	39.15 2.83 -0.01	36.46 2.57 -0.01	35.26 2.21 0.00	36.44 2.32 -0.01	37.54 1.99 -0.01	40.62 2.01 0.00	43.59 2.35 0.00	43.45 2.58 -0.01	38.08 2.76 0.00	39.73 3.38 -1.51	43.30 3.46 -3.04	45.40 3.51 -5.38	48.09 3.63 -8.15	50.73 4.05 -8.82	104.41 3.94 -64.29	103.84 4.00 -63.14	120.24 5.31 -64.35	91.96 5.25 -31.43	103.18 4.89 -40.06	59.37 4.39 -0.07	51.44 3.72 -0.07	41.94 2.82 0.00	36.76 2.18 0.00
BARRETT_IC_7 23710	42.54 3.48 -0.01	39.22 2.91 0.00	36.45 2.57 0.00	35.26 2.21 0.00	36.44 2.32 0.00	37.57 2.03 0.00	40.65 2.05 0.00	43.71 2.47 0.00	43.69 2.82 0.00	38.08 2.75 0.00	39.72 3.38 -1.50	43.29 3.46 -3.03	45.39 3.51 -5.37	48.09 3.63 -8.15	50.65 3.97 -8.82	104.41 3.94 -64.29	103.84 4.00 -63.14	120.20 5.26 -64.35	91.90 5.20 -31.43	103.18 4.89 -40.06	59.26 4.28 -0.07	51.58 3.86 -0.07	41.98 2.86 0.00	36.79 2.21 0.00
BARRETT_IC_8 23711	42.55 3.47 -0.02	39.15 2.83 -0.01	36.46 2.57 -0.01	35.26 2.21 0.00	36.44 2.32 -0.01	37.54 1.99 -0.01	40.62 2.01 0.00	43.59 2.35 0.00	43.45 2.58 -0.01	38.08 2.76 0.00	39.73 3.38 -1.51	43.30 3.46 -3.04	45.40 3.51 -5.38	48.09 3.63 -8.15	50.73 4.05 -8.82	104.41 3.94 -64.29	103.84 4.00 -63.14	120.24 5.31 -64.35	91.96 5.25 -31.43	103.18 4.89 -40.06	59.37 4.39 -0.07	51.44 3.72 -0.07	41.94 2.82 0.00	36.76 2.18 0.00
BARRETT_IC_9 23700	42.55 3.47 -0.02	39.15 2.83 -0.01	36.46 2.57 -0.01	35.26 2.21 0.00	36.44 2.32 -0.01	37.54 1.99 -0.01	40.62 2.01 0.00	43.59 2.35 0.00	43.45 2.58 -0.01	38.08 2.76 0.00	39.73 3.38 -1.51	43.30 3.46 -3.04	45.40 3.51 -5.38	48.09 3.63 -8.15	50.73 4.05 -8.82	104.41 3.94 -64.29	103.84 4.00 -63.14	120.24 5.31 -64.35	91.96 5.25 -31.43	103.18 4.89 -40.06	59.37 4.39 -0.07	51.44 3.72 -0.07	41.94 2.82 0.00	36.76 2.18 0.00
BARRETT___1 23545	42.55 3.47 -0.02	39.15 2.83 -0.01	36.46 2.57 -0.01	35.26 2.21 0.00	36.44 2.32 -0.01	37.54 1.99 -0.01	40.62 2.01 0.00	43.59 2.35 0.00	43.45 2.58 -0.01	38.08 2.76 0.00	39.73 3.38 -1.51	43.30 3.46 -3.04	45.40 3.51 -5.38	48.09 3.63 -8.15	50.73 4.05 -8.82	104.41 3.94 -64.29	103.84 4.00 -63.14	120.24 5.31 -64.35	91.96 5.25 -31.43	103.18 4.89 -40.06	59.37 4.39 -0.07	51.44 3.72 -0.07	41.94 2.82 0.00	36.76 2.18 0.00
BARRETT___2 23546	42.55 3.47 -0.02	39.15 2.83 -0.01	36.46 2.57 -0.01	35.26 2.21 0.00	36.44 2.32 -0.01	37.54 1.99 -0.01	40.62 2.01 0.00	43.59 2.35 0.00	43.45 2.58 -0.01	38.08 2.76 0.00	39.73 3.38 -1.51	43.30 3.46 -3.04	45.40 3.51 -5.38	48.09 3.63 -8.15	50.73 4.05 -8.82	104.41 3.94 -64.29	103.84 4.00 -63.14	120.24 5.31 -64.35	91.96 5.25 -31.43	103.18 4.89 -40.06	59.37 4.39 -0.07	51.44 3.72 -0.07	41.94 2.82 0.00	36.76 2.18 0.00
BATAVIA___115KV_TB1 55881	33.65 -3.36 2.05	33.05 -3.09 0.18	31.12 -2.74 0.02	30.34 -2.71 0.00	31.69 -2.42 0.01	33.22 -2.31 0.01	33.55 -2.74 2.32	32.52 -2.56 6.16	32.46 -2.25 6.15	31.04 -2.19 2.09	31.37 -2.47 1.00	32.79 -2.58 1.44	31.80 -2.56 2.16	32.08 -2.65 1.58	32.16 -2.99 2.70	31.16 -3.11 1.91	33.04 -3.49 0.17	38.67 -4.50 7.42	43.81 -4.26 7.21	50.45 -3.90 3.88	48.17 -3.51 3.22	41.92 -3.38 2.34	36.54 -2.58 0.00	31.97 -2.59 0.02
BAYONEEC___CTG1 323682	42.11 3.05 0.00	38.96 2.65 0.00	36.22 2.34 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.57 2.02 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.73 3.21 0.00	39.88 3.34 -0.23	41.89 3.78 -0.25	42.94 3.65 -3.11	50.88 3.71 -10.47	55.49 4.91 0.00	59.86 4.59 0.00	62.37 4.13 0.00	58.69 3.79 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.00 0.00
BAYONEEC___CTG10 323750	42.11 3.05 0.00	38.96 2.65 0.00	36.22 2.34 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.57 2.02 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.73 3.21 0.00	39.88 3.34 -0.23	41.89 3.78 -0.25	42.94 3.65 -3.11	50.88 3.71 -10.47	55.49 4.91 0.00	59.86 4.59 0.00	62.37 4.13 0.00	58.69 3.79 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.00 0.00
BAYONEEC___CTG2 323683	42.11 3.05 0.00	38.96 2.65 0.00	36.22 2.34 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.57 2.02 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.73 3.21 0.00	39.88 3.34 -0.23	41.89 3.78 -0.25	42.94 3.65 -3.11	50.88 3.71 -10.47	55.49 4.91 0.00	59.86 4.59 0.00	62.37 4.13 0.00	58.69 3.79 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.00 0.00
BAYONEEC___CTG3 323684	42.11 3.05 0.00	38.96 2.65 0.00	36.22 2.34 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.57 2.02 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.73 3.21 0.00	39.88 3.34 -0.23	41.89 3.78 -0.25	42.94 3.65 -3.11	50.88 3.71 -10.47	55.49 4.91 0.00	59.86 4.59 0.00	62.37 4.13 0.00	58.69 3.79 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.00 0.00
BAYONEEC___CTG4 323685	42.11 3.05 0.00	38.96 2.65 0.00	36.22 2.34 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.57 2.02 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.73 3.21 0.00	39.88 3.34 -0.23	41.89 3.78 -0.25	42.94 3.65 -3.11	50.88 3.71 -10.47	55.49 4.91 0.00	59.86 4.59 0.00	62.37 4.13 0.00	58.69 3.79 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.00 0.00
BAYONEEC___CTG5 323686	42.11 3.05 0.00	38.96 2.65 0.00	36.22 2.34 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.57 2.02 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.73 3.21 0.00	39.88 3.34 -0.23	41.89 3.78 -0.25	42.94 3.65 -3.11	50.88 3.71 -10.47	55.49 4.91 0.00	59.86 4.59 0.00	62.37 4.13 0.00	58.69 3.79 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.00 0.00
BAYONEEC___CTG6 323687	42.11 3.05 0.00	38.96 2.65 0.00	36.22 2.34 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.57 2.02 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.73 3.21 0.00	39.88 3.34 -0.23	41.89 3.78 -0.25	42.94 3.65 -3.11	50.88 3.71 -10.47	55.49 4.91 0.00	59.86 4.59 0.00	62.37 4.13 0.00	58.69 3.79 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.00 0.00
BAYONEEC___CTG7 323688	42.11 3.05 0.00	38.96 2.65 0.00	36.22 2.34 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.57 2.02 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.73 3.21 0.00	39.88 3.34 -0.23	41.89 3.78 -0.25	42.94 3.65 -3.11	50.88 3.71 -10.47	55.49 4.91 0.00	59.86 4.59 0.00	62.37 4.13 0.00	58.69 3.79 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.00 0.00

BAYONEEC___CTG8 323689	42.11 3.05 0.00	38.96 2.65 0.00	36.22 2.34 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.57 2.02 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.73 3.21 0.00	39.88 3.34 -0.23	41.89 3.78 -0.25	42.94 3.65 -3.11	50.88 3.71 -10.47	55.49 4.91 0.00	59.86 4.59 0.00	62.37 4.13 0.00	58.69 3.79 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.00 0.00
BAYONEEC___CTG9 323749	42.11 3.05 0.00	38.96 2.65 0.00	36.22 2.34 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.57 2.02 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.73 3.21 0.00	39.88 3.34 -0.23	41.89 3.78 -0.25	42.94 3.65 -3.11	50.88 3.71 -10.47	55.49 4.91 0.00	59.86 4.59 0.00	62.37 4.13 0.00	58.69 3.79 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.00 0.00
BAYPORT_69_KV_BK 2 356364	43.64 4.57 -0.01	40.16 3.85 0.00	37.37 3.49 0.00	35.99 2.94 0.00	37.29 3.17 0.00	38.28 2.74 0.00	41.27 2.66 0.00	44.29 3.05 0.00	44.46 3.60 0.00	38.89 3.57 0.00	40.73 4.39 -1.50	44.29 4.45 -3.03	46.38 4.49 -5.37	48.96 4.61 -8.04	51.63 5.07 -8.71	52.34 4.92 -11.23	54.58 5.03 -12.85	59.93 6.42 -2.92	63.12 6.41 -1.43	66.10 6.06 -1.81	59.51 4.61 0.00	52.75 5.10 0.00	43.07 3.95 0.00	37.69 3.11 0.00
BEACON___LESR 323632	40.54 1.48 0.00	37.69 1.38 0.00	35.17 1.29 0.00	34.27 1.22 0.00	35.38 1.26 0.00	36.75 1.21 0.00	39.88 1.27 0.00	42.43 1.20 0.00	41.85 0.98 0.00	36.20 0.88 0.00	35.67 0.83 0.00	37.76 0.96 0.00	37.43 0.91 0.00	37.22 0.91 0.00	38.95 1.10 0.00	37.33 1.23 0.08	37.68 1.32 0.35	52.36 1.77 0.00	57.16 1.88 0.00	60.32 2.09 0.00	56.83 1.92 0.00	49.22 1.57 0.00	40.45 1.33 0.00	35.75 1.18 0.00
BEAVER RIVER___HYD 24048	39.21 0.16 0.00	36.24 -0.07 0.00	33.74 -0.13 0.00	32.98 -0.07 0.00	34.53 0.41 0.00	35.97 0.43 0.00	39.22 0.62 0.00	41.73 0.50 0.00	41.15 0.29 0.00	35.21 -0.11 0.00	34.46 -0.38 0.00	36.28 -0.52 0.00	35.90 -0.62 0.00	35.59 -0.73 0.00	36.75 -1.10 0.00	35.06 -1.12 0.00	35.49 -1.21 0.00	49.37 -1.21 0.00	55.17 -0.11 0.00	58.35 0.12 0.00	55.40 0.49 0.00	47.99 0.34 0.00	39.36 0.24 0.00	34.75 0.17 0.00
BEEBEE_GT_13 23619	35.74 -2.69 0.62	33.79 -2.47 0.05	31.77 -2.10 0.00	31.23 -1.82 0.00	32.34 -1.77 0.00	33.83 -1.71 0.00	35.59 -2.32 0.70	37.18 -2.19 1.87	37.16 -1.88 1.82	32.93 -1.77 0.62	32.59 -1.95 0.30	34.38 -1.99 0.43	33.90 -1.97 0.65	33.80 -2.03 0.48	34.68 -2.35 0.82	33.18 -2.42 0.58	34.18 -2.39 0.14	43.14 -3.59 3.86	47.98 -3.32 3.98	52.14 -2.80 3.30	49.70 -2.47 2.74	43.15 -2.53 1.97	37.40 -1.72 0.00	32.71 -1.87 0.00
BENSHRST_27_KV_BENSHRST_1 355998	42.66 3.59 -0.01	39.59 3.27 -0.01	36.70 2.81 -0.01	35.66 2.61 -0.01	36.71 2.59 0.00	37.96 2.42 0.00	41.16 2.55 0.00	44.37 3.13 0.00	44.18 3.31 0.00	38.36 3.04 0.00	38.26 3.38 -0.04	40.33 3.53 0.00	40.13 3.62 0.00	40.36 3.81 -0.24	42.31 4.20 -0.26	43.46 4.16 -3.11	51.40 4.22 -10.48	56.20 5.62 0.00	60.42 5.14 0.00	62.71 4.48 0.00	59.13 4.23 0.00	51.75 4.10 0.00	41.94 2.82 0.00	36.96 2.39 0.00
BETHLEHEM___GRP 23843	39.99 0.94 0.00	37.22 0.91 0.00	34.76 0.88 0.00	33.87 0.83 0.00	34.94 0.82 0.00	36.29 0.75 0.00	39.34 0.73 0.00	41.90 0.66 0.00	41.36 0.49 0.00	35.81 0.49 0.00	35.33 0.49 0.00	37.35 0.55 0.00	37.07 0.55 0.00	36.86 0.54 0.00	38.53 0.68 0.00	36.87 0.80 0.10	37.16 0.88 0.42	51.70 1.11 0.00	56.33 1.05 0.00	59.28 1.05 0.00	55.84 0.93 0.00	48.42 0.76 0.00	39.87 0.74 0.00	35.27 0.69 0.00
BETHLEHEM___GS1 323560	39.99 0.94 0.00	37.22 0.91 0.00	34.76 0.88 0.00	33.87 0.83 0.00	34.93 0.82 0.00	36.29 0.75 0.00	39.34 0.73 0.00	41.89 0.66 0.00	41.36 0.49 0.00	35.81 0.49 0.00	35.33 0.49 0.00	37.35 0.55 0.00	37.07 0.55 0.00	36.86 0.55 0.00	38.57 0.72 0.00	36.91 0.83 0.10	37.16 0.88 0.42	51.70 1.11 0.00	56.33 1.05 0.00	59.28 1.05 0.00	55.84 0.93 0.00	48.41 0.76 0.00	39.83 0.70 0.00	35.27 0.69 0.00
BETHLEHEM___GS2 323561	39.99 0.94 0.00	37.22 0.91 0.00	34.76 0.88 0.00	33.87 0.83 0.00	34.93 0.82 0.00	36.29 0.75 0.00	39.34 0.73 0.00	41.89 0.66 0.00	41.36 0.49 0.00	35.81 0.49 0.00	35.33 0.49 0.00	37.35 0.55 0.00	37.07 0.55 0.00	36.86 0.55 0.00	38.57 0.72 0.00	36.91 0.83 0.10	37.16 0.88 0.42	51.70 1.11 0.00	56.33 1.05 0.00	59.28 1.05 0.00	55.84 0.93 0.00	48.41 0.76 0.00	39.83 0.70 0.00	35.27 0.69 0.00
BETHLEHEM___GS3 323562	39.99 0.94 0.00	37.22 0.91 0.00	34.76 0.88 0.00	33.87 0.83 0.00	34.93 0.82 0.00	36.29 0.75 0.00	39.34 0.73 0.00	41.89 0.66 0.00	41.36 0.49 0.00	35.81 0.49 0.00	35.33 0.49 0.00	37.35 0.55 0.00	37.07 0.55 0.00	36.86 0.55 0.00	38.57 0.72 0.00	36.91 0.83 0.10	37.16 0.88 0.42	51.70 1.11 0.00	56.33 1.05 0.00	59.28 1.05 0.00	55.84 0.93 0.00	48.41 0.76 0.00	39.83 0.70 0.00	35.27 0.69 0.00
BETHLEHEM___STEEL 23779	31.82 -3.67 3.56	32.66 -3.34 0.31	30.67 -3.18 0.03	29.84 -3.21 0.00	30.97 -3.14 0.01	32.40 -3.13 0.01	31.49 -3.09 4.03	27.54 -2.97 10.72	27.69 -2.66 10.52	29.31 -2.44 3.58	30.45 -2.68 1.71	31.51 -2.80 2.49	30.02 -2.74 3.76	30.77 -2.80 2.74	30.18 -3.10 4.57	29.80 -3.15 3.24	33.08 -3.41 0.21	35.16 -4.50 10.92	40.31 -4.59 10.38	49.68 -4.13 4.42	47.12 -4.12 3.67	41.31 -3.67 2.68	35.91 -3.21 0.00	31.54 -3.01 0.03
BETHLHEM_115KV_TB1 79974	40.03 0.98 0.00	37.29 0.98 0.00	34.79 0.91 0.00	33.90 0.86 0.00	34.97 0.85 0.00	36.32 0.78 0.00	39.38 0.77 0.00	41.98 0.74 0.00	41.44 0.57 0.00	35.85 0.53 0.00	35.40 0.56 0.00	37.39 0.59 0.00	37.14 0.62 0.00	36.93 0.62 0.00	38.61 0.76 0.00	36.93 0.87 0.12	37.17 0.95 0.48	51.75 1.16 0.00	56.38 1.11 0.00	59.34 1.11 0.00	55.95 1.04 0.00	48.51 0.86 0.00	39.94 0.82 0.00	35.30 0.73 0.00
BETHPAGE_CC_5 323564	42.93 3.87 -0.01	39.47 3.16 0.00	36.76 2.88 0.00	35.53 2.48 0.00	36.71 2.59 0.00	37.78 2.24 0.00	40.89 2.28 0.00	43.88 2.64 0.00	43.77 2.90 0.00	38.39 3.07 0.00	40.11 3.76 -1.50	43.73 3.90 -3.03	45.83 3.95 -5.37	48.38 4.03 -8.04	51.03 4.46 -8.72	54.82 4.27 -14.37	56.82 4.29 -15.82	62.79 5.66 -6.54	64.00 5.53 -3.19	67.54 5.24 -4.07	59.46 4.55 0.00	51.80 4.14 0.00	42.37 3.25 0.00	37.07 2.49 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.13 -3.44 3.49	32.89 -3.12 0.30	30.74 -3.12 0.03	29.87 -3.17 0.00	30.97 -3.14 0.01	32.40 -3.13 0.01	31.76 -2.90 3.95	28.02 -2.72 10.50	28.11 -2.45 10.30	29.56 -2.26 3.50	30.66 -2.51 1.67	31.78 -2.58 2.44	30.31 -2.52 3.68	31.05 -2.58 2.69	30.50 -2.88 4.48	30.08 -2.93 3.17	33.23 -3.27 0.20	35.72 -4.15 10.72	40.88 -4.20 10.20	50.08 -3.78 4.36	47.44 -3.84 3.62	41.67 -3.34 2.64	35.95 -3.17 0.00	31.65 -2.90 0.03

BINGHAMTON___COGEN 23790	39.77 0.16 -0.55	36.51 0.15 -0.05	33.99 0.10 0.00	33.11 0.07 0.00	34.25 0.14 0.00	35.69 0.14 0.00	39.54 0.31 -0.62	43.23 0.33 -1.66	42.89 0.33 -1.70	36.11 0.21 -0.58	35.25 0.14 -0.28	37.35 0.15 -0.40	37.31 0.18 -0.61	36.90 0.15 -0.44	38.74 0.11 -0.77	36.94 0.11 -0.65	37.11 0.00 -0.40	51.86 0.20 -1.07	56.49 0.39 -0.83	58.56 0.64 0.31	55.20 0.55 0.26	47.90 0.43 0.18	39.28 0.16 0.00	34.65 0.07 0.00
BIXINCNT_115KV_LOAD 355685	32.70 -3.16 3.19	33.13 -2.91 0.28	30.57 -3.29 0.02	29.51 -3.54 0.00	30.56 -3.55 0.01	31.91 -3.63 0.01	32.02 -2.97 3.61	28.70 -2.93 9.60	28.67 -2.78 9.41	29.58 -2.54 3.20	30.70 -2.61 1.53	31.99 -2.58 2.23	30.63 -2.52 3.37	31.35 -2.51 2.46	30.96 -2.80 4.09	30.46 -2.82 2.90	33.17 -3.34 0.19	36.74 -3.95 9.91	42.13 -3.70 9.44	51.08 -3.03 4.12	48.24 -3.24 3.43	42.49 -2.67 2.50	35.80 -3.33 0.00	31.65 -2.90 0.02
BLACK RIVER___HYD 24047	39.64 0.59 0.00	36.71 0.40 0.00	34.22 0.34 0.00	33.47 0.43 0.00	35.28 1.16 0.00	36.75 1.21 0.00	40.04 1.43 0.00	42.56 1.32 0.00	41.93 1.06 0.00	35.78 0.46 0.00	34.91 0.07 0.00	36.73 -0.07 0.00	36.41 -0.11 0.00	36.02 -0.29 0.00	37.17 -0.68 0.00	35.49 -0.69 0.00	35.90 -0.81 0.00	50.03 -0.56 0.00	56.16 0.88 0.00	59.46 1.22 0.00	56.50 1.59 0.00	48.84 1.19 0.00	40.10 0.98 0.00	35.30 0.73 0.00
BLACKRVR_115KV_TB2 79977	39.64 0.59 0.00	36.68 0.36 0.00	34.22 0.34 0.00	33.48 0.43 0.00	35.21 1.09 0.00	36.75 1.21 0.00	40.04 1.43 0.00	42.56 1.32 0.00	41.93 1.06 0.00	35.78 0.46 0.00	34.91 0.07 0.00	36.73 -0.07 0.00	36.41 -0.11 0.00	36.02 -0.29 0.00	37.21 -0.64 0.00	35.50 -0.69 0.00	35.90 -0.81 0.00	50.03 -0.56 0.00	56.16 0.88 0.00	59.45 1.22 0.00	56.50 1.59 0.00	48.84 1.19 0.00	40.06 0.94 0.00	35.30 0.73 0.00
BLISS_WT_PWR 323608	32.58 -3.28 3.19	32.95 -3.09 0.28	30.44 -3.42 0.02	29.38 -3.67 0.00	30.42 -3.69 0.01	31.76 -3.77 0.01	31.79 -3.20 3.61	28.50 -3.14 9.60	28.43 -3.02 9.41	29.33 -2.79 3.20	30.49 -2.82 1.53	31.81 -2.76 2.23	30.49 -2.66 3.37	31.17 -2.69 2.46	30.77 -2.99 4.09	30.32 -2.97 2.90	33.02 -3.49 0.19	36.53 -4.15 9.91	41.97 -3.87 9.44	50.85 -3.26 4.12	48.19 -3.29 3.43	42.58 -2.57 2.50	35.76 -3.36 0.00	31.58 -2.97 0.02
BLUESTONE___WT_PWR 323821	40.72 1.09 -0.57	37.38 1.02 -0.05	34.80 0.92 0.00	33.97 0.92 0.00	35.48 1.37 0.00	36.93 1.38 0.00	40.45 1.20 -0.64	44.15 1.20 -1.72	43.81 0.94 -2.00	36.39 0.39 -0.68	35.27 0.10 -0.33	37.39 0.11 -0.48	37.46 0.22 -0.72	36.98 0.15 -0.52	38.80 0.04 -0.91	36.90 0.07 -0.64	36.67 -0.04 0.00	52.65 0.66 -1.41	58.11 1.88 -0.95	60.30 2.27 0.20	57.04 2.31 0.17	49.40 1.86 0.11	40.41 1.29 0.00	35.58 1.00 0.00
BLUE_CIRC_CHEM_DRP 24182	40.46 1.41 0.00	37.69 1.38 0.00	35.17 1.29 0.00	34.27 1.22 0.00	35.38 1.26 0.00	36.72 1.17 0.00	39.77 1.16 0.00	42.23 0.99 0.00	41.60 0.74 0.00	35.92 0.60 0.00	35.40 0.56 0.00	37.43 0.63 0.00	37.14 0.62 0.00	36.89 0.58 0.00	38.57 0.72 0.00	37.09 0.90 0.00	37.66 0.95 0.00	51.90 1.32 0.00	56.72 1.44 0.00	59.92 1.69 0.00	56.50 1.59 0.00	49.03 1.38 0.00	40.30 1.17 0.00	35.61 1.04 0.00
BOC_GAS_DRP 24189	40.11 1.05 0.00	37.33 1.02 0.00	34.86 0.98 0.00	33.97 0.93 0.00	35.04 0.92 0.00	36.36 0.82 0.00	39.46 0.85 0.00	42.10 0.87 0.00	41.60 0.74 0.00	36.03 0.71 0.00	35.57 0.73 0.00	37.57 0.77 0.00	37.32 0.80 0.00	37.11 0.80 0.00	38.80 0.95 0.00	37.00 1.01 0.19	36.99 1.06 0.78	51.95 1.37 0.00	56.61 1.33 0.00	59.51 1.28 0.00	56.06 1.15 0.00	48.65 1.00 0.00	39.94 0.82 0.00	35.30 0.73 0.00
BOONVILLE_115KV_TB1 79983	39.45 0.39 0.00	36.53 0.22 0.00	34.08 0.20 0.00	33.28 0.23 0.00	34.63 0.51 0.00	36.08 0.53 0.00	39.27 0.66 0.00	41.90 0.66 0.00	41.40 0.53 0.00	35.57 0.25 0.00	34.91 0.07 0.00	36.80 0.00 0.00	36.52 0.00 0.00	36.24 -0.07 0.00	37.59 -0.26 0.00	35.89 -0.29 0.00	36.37 -0.33 0.00	50.44 -0.15 0.00	55.83 0.55 0.00	58.93 0.70 0.00	55.73 0.82 0.00	48.27 0.62 0.00	39.59 0.47 0.00	34.96 0.38 0.00
BORALEX_4TH_BRANCH 23824	41.09 2.03 0.00	38.27 1.96 0.00	35.74 1.86 0.00	34.86 1.82 0.00	35.92 1.81 0.00	37.35 1.81 0.00	40.65 2.05 0.00	43.30 2.06 0.00	42.75 1.88 0.00	36.98 1.66 0.00	36.44 1.60 0.00	38.49 1.69 0.00	38.27 1.75 0.00	38.02 1.71 0.00	39.78 1.93 0.00	38.32 2.13 0.00	38.94 2.24 0.00	53.62 3.04 0.00	58.37 3.10 0.00	61.32 3.09 0.00	57.71 2.80 0.00	50.08 2.43 0.00	41.24 2.11 0.00	36.44 1.87 0.00
BOWLINE___1 23526	41.48 2.42 0.00	38.45 2.14 0.00	35.81 1.93 0.00	34.83 1.78 0.00	35.82 1.71 0.00	37.18 1.64 0.00	40.39 1.78 0.00	43.34 2.10 0.00	43.07 2.21 0.00	37.44 2.12 0.00	37.21 2.37 0.00	39.23 2.43 0.00	39.04 2.52 0.00	38.96 2.65 0.00	40.92 3.06 0.00	41.59 2.97 -2.44	49.63 3.01 -9.91	54.58 4.00 0.00	59.09 3.81 0.00	61.67 3.43 0.00	58.04 3.13 0.00	50.46 2.81 0.00	41.12 1.99 0.00	36.20 1.63 0.00
BOWLINE___2 23595	41.48 2.42 0.00	38.45 2.14 0.00	35.81 1.93 0.00	34.83 1.78 0.00	35.82 1.71 0.00	37.18 1.64 0.00	40.39 1.78 0.00	43.34 2.10 0.00	43.07 2.21 0.00	37.44 2.12 0.00	37.21 2.37 0.00	39.23 2.43 0.00	39.04 2.52 0.00	38.96 2.65 0.00	40.92 3.06 0.00	41.59 2.97 -2.44	49.63 3.01 -9.92	54.58 4.00 0.00	59.09 3.81 0.00	61.67 3.43 0.00	58.04 3.13 0.00	50.46 2.81 0.00	41.12 1.99 0.00	36.20 1.63 0.00
BRADY___115KV_TB2 356060	38.98 -0.08 0.00	36.24 -0.07 0.00	33.74 -0.14 0.00	32.91 -0.13 0.00	34.12 0.00 0.00	35.65 0.11 0.00	38.76 0.15 0.00	41.07 -0.16 0.00	40.66 -0.20 0.00	34.97 -0.35 0.00	34.35 -0.49 0.00	36.32 -0.48 0.00	35.90 -0.62 0.00	35.70 -0.62 0.00	37.21 -0.64 0.00	35.46 -0.72 0.00	36.01 -0.70 0.00	49.68 -0.91 0.00	54.56 -0.72 0.00	57.59 -0.64 0.00	54.52 -0.38 0.00	47.41 -0.24 0.00	39.04 -0.08 0.00	34.47 -0.10 0.00
BRANSCOMB___SOLAR 323811	41.09 2.03 0.00	38.16 1.85 0.00	35.61 1.73 0.00	34.70 1.65 0.00	35.86 1.74 0.00	37.32 1.78 0.00	40.50 1.89 0.00	42.93 1.69 0.00	42.13 1.27 0.00	36.27 0.95 0.00	35.64 0.80 0.00	37.65 0.85 0.00	37.25 0.73 0.00	37.04 0.73 0.00	38.72 0.87 0.00	37.20 1.12 0.10	37.56 1.28 0.43	52.56 1.97 0.00	57.60 2.32 0.00	61.20 2.97 0.00	57.87 2.96 0.00	50.13 2.48 0.00	41.04 1.92 0.00	36.27 1.69 0.00
BRDGHMPT_69_KV_BK1 55812	43.32 4.26 -0.01	39.91 3.59 0.00	37.13 3.25 0.00	35.72 2.68 0.00	37.12 3.00 0.00	37.99 2.45 0.00	40.93 2.32 0.00	43.88 2.64 0.00	44.14 3.27 0.00	38.78 3.46 0.00	40.87 4.53 -1.50	44.62 4.78 -3.03	46.63 4.75 -5.37	48.92 4.58 -8.03	51.56 5.00 -8.71	51.76 4.78 -10.80	54.21 5.07 -12.44	59.32 6.32 -2.41	62.70 6.25 -1.18	65.43 5.71 -1.50	58.80 3.90 0.00	52.60 4.96 0.00	43.07 3.95 0.00	37.62 3.04 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	43.24 4.18 -0.01	39.80 3.49 0.00	37.03 3.15 0.00	35.69 2.64 0.00	36.98 2.87 0.00	38.03 2.49 0.00	41.04 2.43 0.00	44.08 2.85 0.00	44.18 3.31 0.00	38.57 3.25 0.00	40.35 4.01 -1.50	43.95 4.12 -3.03	46.05 4.16 -5.37	48.60 4.25 -8.04	51.22 4.66 -8.71	52.13 4.60 -11.35	54.26 4.59 -12.96	59.43 5.77 -3.08	62.49 5.69 -1.52	65.48 5.36 -1.89	59.13 4.23 0.00	52.27 4.62 0.00	42.68 3.56 0.00	37.34 2.77 0.00
BRISTLHL_115KV_TB1 79998	38.24 -0.82 0.00	35.51 -0.80 0.00	33.17 -0.71 0.00	32.38 -0.66 0.00	33.47 -0.65 0.00	34.90 -0.64 0.00	37.88 -0.73 0.00	40.45 -0.78 0.00	40.13 -0.74 0.00	34.65 -0.67 0.00	34.11 -0.73 0.00	36.03 -0.77 0.00	35.75 -0.77 0.00	35.51 -0.80 0.00	36.90 -0.95 0.00	35.17 -1.01 0.00	35.72 -1.06 -0.08	50.66 -1.42 -1.49	55.61 -1.33 -1.66	59.05 -1.16 -1.98	55.45 -1.10 -1.65	47.78 -1.05 -1.18	38.30 -0.82 0.00	33.92 -0.66 0.00
BROOKHAVEN___DRP 24191	43.13 4.06 -0.01	39.80 3.49 0.00	37.03 3.15 0.00	35.69 2.64 0.00	36.98 2.87 0.00	37.92 2.38 0.00	40.81 2.20 0.00	43.71 2.47 0.00	43.85 2.98 0.00	38.36 3.04 0.00	40.25 3.90 -1.50	43.77 3.94 -3.03	45.87 3.98 -5.37	48.34 3.99 -8.03	51.03 4.47 -8.71	51.28 4.31 -10.79	53.61 4.48 -12.43	58.50 5.51 -2.40	61.87 5.42 -1.17	64.73 5.01 -1.49	58.36 3.46 0.00	52.08 4.43 0.00	42.68 3.56 0.00	37.38 2.80 0.00
BROOKLYN_NAVY_YARD 23515	42.11 3.05 0.00	39.00 2.69 0.00	36.25 2.37 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.60 2.06 0.00	40.89 2.28 0.00	44.04 2.81 0.00	43.81 2.94 0.00	38.11 2.79 0.00	37.95 3.07 -0.04	40.00 3.20 0.00	39.77 3.25 0.00	39.92 3.38 -0.23	41.89 3.78 -0.25	42.98 3.69 -3.11	50.92 3.75 -10.47	55.60 5.01 0.00	60.03 4.75 0.00	62.48 4.25 0.00	58.86 3.96 0.00	51.23 3.58 0.00	41.59 2.47 0.00	36.62 2.04 0.00
BROOKLYN___ARMY_DRP 323595	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.82 2.27 0.00	41.00 2.39 0.00	44.16 2.93 0.00	43.97 3.11 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.42 4.19 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
BROOME_2_LFGE 323671	39.77 0.16 -0.55	36.51 0.15 -0.05	33.99 0.10 0.00	33.11 0.07 0.00	34.26 0.14 0.00	35.69 0.14 0.00	39.54 0.31 -0.62	43.23 0.33 -1.66	42.89 0.33 -1.70	36.07 0.18 -0.58	35.26 0.14 -0.28	37.35 0.15 -0.40	37.31 0.18 -0.61	36.90 0.15 -0.44	38.74 0.11 -0.77	36.94 0.11 -0.65	37.11 0.00 -0.40	51.86 0.20 -1.07	56.55 0.44 -0.83	58.56 0.64 0.31	55.20 0.55 0.26	47.90 0.43 0.18	39.28 0.16 0.00	34.65 0.07 0.00
BROOME___LFGE 323600	39.77 0.16 -0.55	36.51 0.15 -0.05	33.99 0.10 0.00	33.11 0.07 0.00	34.26 0.14 0.00	35.69 0.14 0.00	39.54 0.31 -0.62	43.23 0.33 -1.66	42.89 0.33 -1.70	36.07 0.18 -0.58	35.26 0.14 -0.28	37.35 0.15 -0.40	37.31 0.18 -0.61	36.90 0.15 -0.44	38.74 0.11 -0.77	36.94 0.11 -0.65	37.11 0.00 -0.40	51.86 0.20 -1.07	56.55 0.44 -0.83	58.56 0.64 0.31	55.20 0.55 0.26	47.90 0.43 0.18	39.28 0.16 0.00	34.65 0.07 0.00
BROWNFLS_115KV_TB_3_5 80003	38.78 -0.27 0.00	35.95 -0.36 0.00	33.47 -0.41 0.00	32.68 -0.36 0.00	34.01 -0.10 0.00	35.54 0.00 0.00	38.84 0.23 0.00	41.24 0.00 0.00	40.74 -0.12 0.00	34.90 -0.42 0.00	34.18 -0.66 0.00	36.06 -0.74 0.00	35.68 -0.84 0.00	35.37 -0.94 0.00	36.64 -1.21 0.00	34.92 -1.27 0.00	35.34 -1.36 0.00	49.07 -1.52 0.00	54.56 -0.72 0.00	57.65 -0.58 0.00	54.69 -0.22 0.00	47.37 -0.29 0.00	38.93 -0.20 0.00	34.40 -0.17 0.00
BROWNSV1_27_KV_LOAD 356125	42.45 3.40 0.00	39.40 3.09 0.00	36.52 2.64 0.00	35.49 2.45 0.00	36.54 2.42 0.00	37.92 2.38 0.00	41.20 2.59 0.00	44.41 3.18 0.00	44.22 3.35 0.00	38.39 3.07 0.00	38.26 3.38 -0.04	40.26 3.46 0.00	40.06 3.54 0.00	40.25 3.70 -0.23	42.15 4.05 -0.25	43.31 4.02 -3.11	51.25 4.07 -10.47	56.00 5.41 0.00	60.47 5.20 0.00	62.95 4.72 0.00	59.30 4.39 0.00	51.66 4.00 0.00	41.94 2.82 0.00	36.89 2.32 0.00
BURROWS___LYONSDAL 23803	39.33 0.27 0.00	36.42 0.11 0.00	33.95 0.07 0.00	33.14 0.10 0.00	34.53 0.41 0.00	36.00 0.46 0.00	39.19 0.58 0.00	41.77 0.54 0.00	41.27 0.41 0.00	35.43 0.11 0.00	34.74 -0.10 0.00	36.62 -0.18 0.00	36.30 -0.22 0.00	35.99 -0.33 0.00	37.28 -0.57 0.00	35.60 -0.58 0.00	36.08 -0.62 0.00	50.08 -0.51 0.00	55.61 0.33 0.00	58.64 0.41 0.00	55.57 0.66 0.00	48.13 0.48 0.00	39.47 0.35 0.00	34.85 0.28 0.00
CAITHNESS_CC_1 323624	43.05 3.99 -0.01	39.62 3.30 0.00	36.96 3.08 0.00	35.62 2.58 0.00	36.88 2.76 0.00	37.78 2.24 0.00	40.73 2.12 0.00	43.54 2.31 0.00	43.40 2.53 0.00	38.32 3.00 0.00	40.18 3.83 -1.50	43.69 3.86 -3.03	45.80 3.91 -5.37	48.27 3.92 -8.03	51.02 4.46 -8.71	51.19 4.23 -10.78	53.45 4.33 -12.42	58.39 5.42 -2.38	61.75 5.31 -1.16	64.60 4.89 -1.48	58.74 3.84 0.01	51.70 4.05 0.01	42.52 3.40 0.00	37.28 2.70 0.00
CALPINE BETH_PAGE_GT4 24209	42.93 3.87 -0.01	39.54 3.23 0.00	36.76 2.88 0.00	35.49 2.45 0.00	36.71 2.59 0.00	37.85 2.31 0.00	40.93 2.32 0.00	44.00 2.76 0.00	44.05 3.19 0.00	38.39 3.07 0.00	40.11 3.76 -1.50	43.70 3.86 -3.03	45.83 3.94 -5.37	48.32 3.96 -8.05	50.85 4.28 -8.72	57.27 4.16 -16.92	59.13 4.18 -18.24	65.55 5.46 -9.50	65.28 5.36 -4.64	69.21 5.07 -5.91	59.14 4.23 0.00	51.95 4.29 0.00	42.37 3.25 0.00	37.07 2.49 0.00
CALPINE_BETH_PAGE_GT_4 323586	42.93 3.87 -0.01	39.47 3.16 0.00	36.76 2.88 0.00	35.53 2.48 0.00	36.71 2.59 0.00	37.78 2.24 0.00	40.89 2.28 0.00	43.88 2.64 0.00	43.81 2.94 0.00	38.39 3.07 0.00	40.11 3.76 -1.50	43.70 3.86 -3.03	45.83 3.95 -5.37	48.32 3.96 -8.05	50.96 4.39 -8.72	57.26 4.16 -16.92	59.13 4.18 -18.24	65.55 5.47 -9.50	65.28 5.36 -4.64	69.20 5.06 -5.91	59.30 4.39 0.00	51.76 4.10 0.00	42.33 3.21 0.00	37.07 2.49 0.00
CALPINE_BP_GT1 23823	42.93 3.87 -0.01	39.47 3.16 0.00	36.76 2.88 0.00	35.53 2.48 0.00	36.71 2.59 0.00	37.78 2.24 0.00	40.89 2.28 0.00	43.88 2.64 0.00	43.81 2.94 0.00	38.39 3.07 0.00	40.11 3.76 -1.50	43.70 3.86 -3.03	45.83 3.95 -5.37	48.32 3.96 -8.05	50.96 4.39 -8.72	57.26 4.16 -16.92	59.13 4.18 -18.24	65.55 5.47 -9.50	65.28 5.36 -4.64	69.20 5.06 -5.91	59.30 4.39 0.00	51.76 4.10 0.00	42.33 3.21 0.00	37.07 2.49 0.00
CALSPAN___DRP 24200	31.82 -3.67 3.56	32.66 -3.34 0.31	30.67 -3.18 0.03	29.84 -3.21 0.00	30.97 -3.14 0.01	32.40 -3.13 0.01	31.49 -3.09 4.03	27.54 -2.97 10.72	27.69 -2.66 10.52	29.31 -2.44 3.58	30.45 -2.68 1.71	31.51 -2.80 2.49	30.02 -2.74 3.76	30.77 -2.80 2.74	30.18 -3.10 4.57	29.80 -3.15 3.24	33.08 -3.41 0.21	35.16 -4.50 10.92	40.31 -4.59 10.38	49.68 -4.13 4.42	47.12 -4.12 3.67	41.31 -3.67 2.68	35.91 -3.21 0.00	31.54 -3.01 0.03

CALVERTON___SOLAR 323806	43.25 4.18 -0.01	39.80 3.49 0.00	37.13 3.25 0.00	35.76 2.71 0.00	37.05 2.93 0.00	37.89 2.35 0.00	40.81 2.20 0.00	43.59 2.35 0.00	43.40 2.53 0.00	38.43 3.11 0.00	40.31 3.97 -1.50	43.88 4.05 -3.03	45.98 4.09 -5.37	48.41 4.07 -8.03	51.21 4.65 -8.71	51.32 4.34 -10.79	53.69 4.55 -12.43	58.70 5.71 -2.40	62.09 5.64 -1.17	64.90 5.18 -1.49	58.86 3.96 0.01	51.98 4.34 0.01	42.76 3.64 0.00	37.45 2.87 0.00
CANDIGU_WT_PWR 323617	22.29 -1.52 15.24	33.63 -1.38 1.31	32.31 -1.46 0.11	31.56 -1.49 0.00	32.70 -1.37 0.05	34.18 -1.31 0.05	20.16 -1.20 17.25	-6.00 -1.36 45.88	-5.34 -1.47 44.74	18.60 -1.52 15.20	25.93 -1.64 7.27	24.44 -1.69 10.67	18.89 -1.53 16.10	23.02 -1.56 11.74	16.21 -1.70 19.94	20.53 -1.55 14.09	34.45 -1.76 0.49	8.26 -2.03 40.30	16.51 -1.66 37.11	47.68 -1.16 9.38	46.02 -1.10 7.79	40.78 -1.05 5.82	37.91 -1.21 0.00	33.22 -1.24 0.11
CARR STREET_E_SYR 24060	38.39 -0.66 0.00	35.73 -0.58 0.00	33.34 -0.54 0.00	32.55 -0.49 0.00	33.64 -0.48 0.00	35.08 -0.46 0.00	38.07 -0.54 0.00	40.70 -0.54 0.00	40.42 -0.45 0.00	34.86 -0.46 0.00	34.32 -0.52 0.00	36.25 -0.55 0.00	36.01 -0.51 0.00	35.77 -0.54 0.00	37.09 -0.76 0.00	35.42 -0.76 0.00	35.85 -0.81 0.05	48.61 -1.11 0.86	53.32 -0.99 0.96	56.27 -0.82 1.15	53.19 -0.77 0.95	46.21 -0.76 0.68	38.57 -0.55 0.00	34.06 -0.52 0.00
CARTHAGE___PAPER 23857	39.45 0.39 0.00	36.46 0.15 0.00	33.98 0.10 0.00	33.21 0.17 0.00	34.90 0.79 0.00	36.36 0.82 0.00	39.65 1.04 0.00	42.14 0.91 0.00	41.52 0.65 0.00	35.46 0.14 0.00	34.63 -0.21 0.00	36.50 -0.30 0.00	36.12 -0.40 0.00	35.77 -0.54 0.00	36.94 -0.91 0.00	35.28 -0.90 0.00	35.71 -0.99 0.00	49.73 -0.86 0.00	55.67 0.39 0.00	58.93 0.70 0.00	55.95 1.04 0.00	48.46 0.81 0.00	39.75 0.62 0.00	35.03 0.45 0.00
CASSADAGA_WT_PWR 323784	32.52 -3.16 3.37	33.12 -2.91 0.29	30.81 -3.05 0.02	30.01 -3.04 0.00	31.00 -3.10 0.01	32.47 -3.06 0.01	32.09 -2.70 3.81	28.66 -2.43 10.14	28.65 -2.29 9.93	29.86 -2.08 3.37	30.89 -2.33 1.61	32.20 -2.25 2.36	30.66 -2.30 3.56	31.39 -2.32 2.59	30.66 -2.88 4.31	30.38 -2.75 3.05	33.50 -3.01 0.20	36.39 -3.85 10.35	41.78 -3.65 9.85	50.79 -3.20 4.23	48.10 -3.29 3.52	42.37 -2.71 2.57	36.38 -2.74 0.00	31.92 -2.63 0.02
CE_DUNWOOD___DRP 24194	41.79 2.73 0.00	38.78 2.47 0.00	36.05 2.17 0.00	35.06 2.02 0.00	36.06 1.94 0.00	37.43 1.88 0.00	40.65 2.05 0.00	43.67 2.43 0.00	43.44 2.57 0.00	37.72 2.40 0.00	37.52 2.68 0.00	39.56 2.76 0.00	39.33 2.81 0.00	39.29 2.98 0.00	41.14 3.29 0.00	42.00 3.26 -2.56	50.44 3.30 -10.43	54.94 4.35 0.00	59.48 4.20 0.00	62.02 3.78 0.00	58.37 3.46 0.00	50.85 3.19 0.00	41.39 2.27 0.00	36.41 1.83 0.00
CE_MILLWOOD___DRP 24193	41.67 2.62 0.00	38.71 2.40 0.00	35.98 2.10 0.00	35.00 1.95 0.00	35.99 1.88 0.00	37.35 1.81 0.00	40.58 1.97 0.00	43.59 2.35 0.00	43.32 2.45 0.00	37.62 2.30 0.00	37.38 2.54 0.00	39.41 2.61 0.00	39.22 2.70 0.00	39.14 2.83 0.00	40.99 3.14 0.00	41.88 3.15 -2.55	50.26 3.19 -10.36	54.79 4.20 0.00	59.31 4.04 0.00	61.90 3.67 0.00	58.20 3.29 0.00	50.70 3.05 0.00	41.31 2.19 0.00	36.34 1.76 0.00
CE_NYC2_DRP 24202	42.22 3.16 0.00	39.18 2.87 0.00	36.35 2.47 0.00	35.33 2.28 0.00	36.33 2.22 0.00	37.67 2.13 0.00	40.93 2.32 0.00	44.08 2.85 0.00	43.89 3.02 0.00	38.15 2.83 0.00	38.02 3.14 -0.04	40.04 3.24 0.00	39.84 3.32 0.00	40.00 3.45 -0.24	41.93 3.82 -0.26	43.06 3.76 -3.11	50.99 3.82 -10.47	55.60 5.01 0.00	59.87 4.59 0.00	62.25 4.02 0.00	58.64 3.73 0.00	51.23 3.57 0.00	41.59 2.46 0.00	36.65 2.07 0.00
CE_NYC_DRP 24195	42.14 3.09 0.00	39.11 2.80 0.00	36.29 2.41 0.00	35.29 2.25 0.00	36.30 2.18 0.00	37.64 2.10 0.00	40.93 2.32 0.00	44.04 2.80 0.00	43.89 3.02 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	39.96 3.16 0.00	39.77 3.25 0.00	39.96 3.41 -0.23	41.85 3.75 -0.25	42.98 3.69 -3.11	50.92 3.74 -10.47	55.54 4.96 0.00	59.98 4.70 0.00	62.42 4.19 0.00	58.81 3.90 0.00	51.27 3.62 0.00	41.63 2.50 0.00	36.65 2.07 0.00
CHAFFEE___LFGE 323603	32.20 -3.48 3.38	32.97 -3.05 0.29	30.81 -3.05 0.02	29.94 -3.11 0.00	31.07 -3.04 0.01	32.47 -3.06 0.01	31.89 -2.90 3.83	28.39 -2.68 10.17	28.48 -2.41 9.97	29.67 -2.26 3.39	30.71 -2.51 1.62	31.86 -2.58 2.37	30.39 -2.56 3.57	31.10 -2.61 2.60	30.56 -2.95 4.33	30.18 -2.93 3.07	33.27 -3.23 0.20	35.97 -4.20 10.42	41.21 -4.15 9.92	50.11 -3.85 4.27	47.57 -3.79 3.55	41.87 -3.19 2.59	36.07 -3.05 0.00	31.68 -2.87 0.02
CHATEAUG_35_KV_LOAD 355732	38.78 -0.27 0.00	36.02 -0.29 0.00	33.54 -0.34 0.00	32.65 -0.40 0.00	33.67 -0.44 0.00	35.19 -0.36 0.00	38.22 -0.39 0.00	40.70 -0.54 0.00	40.33 -0.53 0.00	34.79 -0.53 0.00	34.28 -0.56 0.00	36.21 -0.59 0.00	35.83 -0.69 0.00	35.59 -0.73 0.00	37.09 -0.76 0.00	35.50 -0.69 0.00	36.04 -0.66 0.00	49.73 -0.86 0.00	54.50 -0.77 0.00	57.59 -0.64 0.00	54.41 -0.49 0.00	47.27 -0.38 0.00	38.81 -0.31 0.00	34.23 -0.35 0.00
CHATEAUG_WT_PWR 323614	38.74 -0.31 0.00	35.95 -0.36 0.00	33.51 -0.37 0.00	32.62 -0.43 0.00	33.64 -0.48 0.00	35.12 -0.42 0.00	38.18 -0.42 0.00	40.74 -0.49 0.00	40.42 -0.45 0.00	34.90 -0.42 0.00	34.35 -0.49 0.00	36.32 -0.48 0.00	35.93 -0.59 0.00	35.70 -0.62 0.00	37.21 -0.64 0.00	35.57 -0.62 0.00	36.11 -0.59 0.00	49.78 -0.81 0.00	54.50 -0.77 0.00	57.53 -0.70 0.00	54.30 -0.60 0.00	47.18 -0.48 0.00	38.73 -0.39 0.00	34.20 -0.38 0.00
CHAT_HIGH_FALL_HYD 323578	38.78 -0.27 0.00	36.02 -0.29 0.00	33.54 -0.34 0.00	32.65 -0.40 0.00	33.67 -0.44 0.00	35.19 -0.36 0.00	38.22 -0.39 0.00	40.70 -0.54 0.00	40.33 -0.53 0.00	34.79 -0.53 0.00	34.28 -0.56 0.00	36.21 -0.59 0.00	35.83 -0.69 0.00	35.59 -0.73 0.00	37.09 -0.76 0.00	35.50 -0.69 0.00	36.04 -0.66 0.00	49.73 -0.86 0.00	54.50 -0.77 0.00	57.59 -0.64 0.00	54.41 -0.49 0.00	47.27 -0.38 0.00	38.81 -0.31 0.00	34.23 -0.35 0.00
CHAUTAUQUA___LFGE 323629	32.19 -3.36 3.51	33.03 -2.98 0.30	30.84 -3.02 0.03	30.10 -2.94 0.00	31.10 -3.00 0.01	32.54 -2.99 0.01	31.78 -2.86 3.97	28.09 -2.60 10.55	28.09 -2.45 10.33	29.59 -2.22 3.51	30.69 -2.47 1.68	31.88 -2.47 2.45	30.37 -2.45 3.70	31.11 -2.51 2.70	30.45 -2.91 4.49	30.15 -2.86 3.18	33.42 -3.08 0.20	35.78 -4.10 10.71	41.06 -4.03 10.19	50.23 -3.67 4.33	47.74 -3.57 3.60	41.97 -3.05 2.63	36.31 -2.82 0.00	31.85 -2.70 0.03
CHERRYST_13_KV_LD 356241	42.26 3.20 0.00	39.22 2.91 0.00	36.39 2.51 0.00	35.39 2.35 0.00	36.44 2.32 0.00	37.78 2.24 0.00	41.08 2.47 0.00	44.25 3.01 0.00	44.05 3.19 0.00	38.25 2.93 0.00	38.12 3.24 -0.04	40.11 3.31 0.00	39.92 3.40 0.00	40.10 3.56 -0.23	42.00 3.90 -0.25	43.13 3.84 -3.11	51.06 3.89 -10.47	55.75 5.16 0.00	60.20 4.92 0.00	62.66 4.43 0.00	58.97 4.06 0.00	51.42 3.76 0.00	41.74 2.62 0.00	36.72 2.14 0.00

CHESTROR_138KV_BK263 355645	41.13 2.07 0.00	38.20 1.89 0.00	35.54 1.66 0.00	34.57 1.52 0.00	35.58 1.47 0.00	36.93 1.39 0.00	40.08 1.47 0.00	42.97 1.73 0.00	42.75 1.88 0.00	37.05 1.73 0.00	36.79 1.95 0.00	38.79 1.99 0.00	38.56 2.05 0.00	38.49 2.18 0.00	40.31 2.46 0.00	40.89 2.46 -2.25	48.34 2.50 -9.14	53.98 3.39 0.00	58.54 3.26 0.00	61.20 2.97 0.00	57.60 2.69 0.00	50.08 2.43 0.00	40.88 1.76 0.00	35.96 1.38 0.00
CH_MIDHUDSON___DRP 24192	41.48 2.42 0.00	38.53 2.22 0.00	35.84 1.97 0.00	34.86 1.82 0.00	35.89 1.77 0.00	37.25 1.71 0.00	40.42 1.81 0.00	43.26 2.02 0.00	43.11 2.25 0.00	37.37 2.05 0.00	37.07 2.23 0.00	39.08 2.28 0.00	38.89 2.37 0.00	38.78 2.47 0.00	40.69 2.84 0.00	41.49 2.82 -2.49	49.73 2.90 -10.13	54.68 4.10 0.00	59.31 4.04 0.00	62.02 3.78 0.00	58.37 3.46 0.00	50.70 3.05 0.00	41.35 2.23 0.00	36.34 1.76 0.00
CH_MISC_IPPS 23765	41.63 2.58 0.00	38.60 2.29 0.00	35.98 2.10 0.00	34.99 1.95 0.00	35.99 1.88 0.00	37.32 1.78 0.00	40.50 1.89 0.00	43.34 2.10 0.00	43.11 2.25 0.00	37.40 2.08 0.00	37.10 2.26 0.00	39.12 2.32 0.00	38.89 2.37 0.00	38.82 2.50 0.00	40.84 2.99 0.00	41.51 2.90 -2.44	49.63 3.01 -9.91	54.88 4.30 0.00	59.54 4.26 0.00	62.25 4.01 0.00	58.59 3.68 0.00	50.85 3.19 0.00	41.47 2.35 0.00	36.44 1.87 0.00
CH_RES_BVR_FALLS 23983	38.86 -0.19 0.00	36.10 -0.22 0.00	33.68 -0.20 0.00	32.85 -0.20 0.00	33.88 -0.24 0.00	35.33 -0.21 0.00	38.38 -0.23 0.00	40.99 -0.25 0.00	40.62 -0.24 0.00	35.11 -0.21 0.00	34.63 -0.21 0.00	36.58 -0.22 0.00	36.27 -0.25 0.00	36.06 -0.25 0.00	37.59 -0.26 0.00	35.93 -0.25 0.00	36.45 -0.26 0.00	50.24 -0.35 0.00	54.89 -0.38 0.00	57.88 -0.35 0.00	54.58 -0.33 0.00	47.37 -0.28 0.00	38.89 -0.23 0.00	34.37 -0.21 0.00
CH_RES_NIAGARA 23895	31.36 -4.92 2.77	31.03 -5.05 0.24	29.42 -4.44 0.02	29.51 -3.54 0.00	29.98 -4.13 0.01	31.41 -4.12 0.01	31.18 -4.29 3.14	28.72 -4.16 8.35	28.97 -3.76 8.14	29.13 -3.43 2.77	29.86 -3.66 1.32	31.00 -3.86 1.94	29.76 -3.83 2.93	30.26 -3.92 2.14	30.01 -4.28 3.57	29.10 -4.56 2.52	31.63 -4.88 0.19	34.68 -6.83 9.07	39.20 -7.35 8.72	47.88 -6.17 4.17	45.73 -5.71 3.47	39.79 -5.34 2.53	34.74 -4.38 0.00	30.34 -4.22 0.02
CH_RES_SYRACUSE 23985	38.67 -0.39 0.00	35.95 -0.36 0.00	33.54 -0.34 0.00	32.75 -0.30 0.00	33.88 -0.24 0.00	35.33 -0.21 0.00	38.34 -0.27 0.00	40.95 -0.29 0.00	40.66 -0.20 0.00	35.04 -0.28 0.00	34.49 -0.35 0.00	36.43 -0.37 0.00	36.19 -0.33 0.00	35.91 -0.40 0.00	37.28 -0.57 0.00	35.57 -0.62 0.00	36.04 -0.66 0.00	49.73 -0.86 0.00	54.62 -0.66 0.00	57.83 -0.40 0.00	54.47 -0.44 0.00	47.22 -0.43 0.00	38.81 -0.31 0.00	34.27 -0.31 0.00
CLINTON_WT_PWR 323605	38.74 -0.31 0.00	35.95 -0.36 0.00	33.51 -0.37 0.00	32.62 -0.43 0.00	33.64 -0.48 0.00	35.12 -0.42 0.00	38.18 -0.42 0.00	40.74 -0.49 0.00	40.42 -0.45 0.00	34.90 -0.42 0.00	34.35 -0.49 0.00	36.32 -0.48 0.00	35.93 -0.59 0.00	35.70 -0.62 0.00	37.21 -0.64 0.00	35.57 -0.62 0.00	36.11 -0.59 0.00	49.78 -0.81 0.00	54.50 -0.77 0.00	57.53 -0.70 0.00	54.30 -0.60 0.00	47.18 -0.48 0.00	38.73 -0.39 0.00	34.20 -0.38 0.00
CLINTON___LFGE 323618	39.25 0.20 0.00	36.42 0.11 0.00	33.91 0.03 0.00	33.01 -0.03 0.00	34.05 -0.07 0.00	35.58 0.04 0.00	38.69 0.08 0.00	41.24 0.00 0.00	40.91 0.04 0.00	35.25 -0.07 0.00	34.67 -0.17 0.00	36.69 -0.11 0.00	36.23 -0.29 0.00	36.02 -0.29 0.00	37.55 -0.30 0.00	35.86 -0.33 0.00	36.48 -0.22 0.00	50.29 -0.30 0.00	55.17 -0.11 0.00	58.29 0.06 0.00	55.13 0.22 0.00	47.80 0.14 0.00	39.20 0.08 0.00	34.61 0.03 0.00
COBBLENY_34_KV_TB1 80064	32.20 -3.48 3.38	32.90 -3.12 0.29	30.81 -3.05 0.02	29.94 -3.11 0.00	31.03 -3.07 0.01	32.47 -3.06 0.01	31.89 -2.90 3.83	28.34 -2.72 10.17	28.44 -2.45 9.97	29.67 -2.26 3.39	30.71 -2.51 1.62	31.86 -2.58 2.37	30.39 -2.56 3.57	31.10 -2.61 2.60	30.60 -2.91 4.33	30.18 -2.93 3.07	33.27 -3.23 0.20	36.02 -4.15 10.42	41.16 -4.20 9.92	50.23 -3.73 4.27	47.57 -3.79 3.55	41.73 -3.34 2.59	36.03 -3.09 0.00	31.68 -2.87 0.02
COFFEEN___115KV_TB3 355620	39.76 0.70 0.00	36.78 0.47 0.00	34.32 0.44 0.00	33.57 0.53 0.00	35.38 1.26 0.00	36.89 1.35 0.00	40.23 1.62 0.00	42.72 1.48 0.00	42.09 1.23 0.00	35.89 0.57 0.00	34.98 0.14 0.00	36.84 0.04 0.00	36.48 -0.04 0.00	36.09 -0.22 0.00	37.28 -0.57 0.00	35.57 -0.62 0.00	35.97 -0.73 0.00	50.18 -0.40 0.00	56.38 1.11 0.00	59.74 1.51 0.00	56.77 1.87 0.00	49.08 1.43 0.00	40.22 1.10 0.00	35.44 0.86 0.00
COLDSPRG_115KV_BK1 355956	33.40 -2.50 3.15	33.79 -2.25 0.27	31.25 -2.61 0.02	30.17 -2.87 0.00	31.24 -2.87 0.01	32.69 -2.84 0.01	33.11 -1.93 3.57	30.06 -1.69 9.49	30.06 -1.51 9.29	30.78 -1.38 3.16	31.69 -1.64 1.51	33.01 -1.58 2.21	31.58 -1.61 3.33	32.25 -1.63 2.43	31.84 -1.97 4.04	31.37 -1.95 2.86	34.09 -2.42 0.19	38.08 -2.73 9.78	43.36 -2.60 9.32	52.06 -2.10 4.08	48.99 -2.53 3.39	43.18 -2.00 2.47	36.50 -2.62 0.00	32.24 -2.32 0.02
COLONIE_LFGE___ 323577	40.74 1.68 0.00	37.87 1.56 0.00	35.37 1.49 0.00	34.47 1.42 0.00	35.58 1.47 0.00	37.00 1.46 0.00	40.19 1.58 0.00	42.76 1.53 0.00	42.17 1.31 0.00	36.45 1.13 0.00	35.92 1.08 0.00	37.94 1.14 0.00	37.65 1.13 0.00	37.44 1.13 0.00	39.18 1.32 0.00	37.63 1.45 0.00	38.24 1.54 0.00	52.76 2.17 0.00	57.55 2.27 0.00	60.73 2.50 0.00	57.21 2.31 0.00	49.61 1.95 0.00	40.73 1.60 0.00	36.00 1.42 0.00
COOPERNY_115KV_TB1 80082	40.54 1.48 0.00	37.66 1.34 0.00	35.07 1.19 0.00	34.14 1.09 0.00	35.21 1.09 0.00	36.57 1.03 0.00	39.69 1.08 0.00	42.51 1.28 0.00	42.26 1.39 0.00	36.59 1.27 0.00	36.27 1.43 0.00	38.27 1.47 0.00	38.05 1.53 0.00	37.91 1.60 0.00	39.63 1.78 0.00	39.45 1.77 -1.50	44.60 1.80 -6.09	53.02 2.43 0.00	57.66 2.38 0.00	60.39 2.15 0.00	56.83 1.92 0.00	49.42 1.76 0.00	40.37 1.25 0.00	35.55 0.97 0.00
COPENHAGEN_WT_PWR 323753	39.49 0.43 0.00	36.60 0.29 0.00	34.08 0.20 0.00	33.34 0.30 0.00	35.11 0.99 0.00	36.57 1.03 0.00	39.84 1.24 0.00	42.35 1.11 0.00	41.76 0.90 0.00	35.64 0.32 0.00	34.80 -0.03 0.00	36.65 -0.15 0.00	36.34 -0.18 0.00	35.99 -0.33 0.00	37.13 -0.72 0.00	35.46 -0.72 0.00	35.86 -0.84 0.00	49.93 -0.66 0.00	55.94 0.67 0.00	59.22 0.99 0.00	56.22 1.32 0.00	48.61 0.95 0.00	39.90 0.78 0.00	35.16 0.59 0.00
CORNELL_____ 23752	40.86 0.35 -1.45	36.76 0.33 -0.12	34.16 0.27 -0.01	33.31 0.26 0.00	34.50 0.38 0.00	36.01 0.46 0.00	40.83 0.58 -1.64	46.18 0.58 -4.37	45.63 0.45 -4.32	36.96 0.18 -1.47	35.54 0.00 -0.70	37.83 0.00 -1.03	38.15 0.07 -1.55	37.45 0.00 -1.13	39.72 -0.08 -1.94	37.48 -0.07 -1.37	36.57 -0.15 -0.02	54.12 0.15 -3.38	58.85 0.61 -2.96	59.57 1.16 -0.17	56.09 1.04 -0.14	48.54 0.76 -0.12	39.63 0.51 0.00	34.93 0.35 -0.01

CORONA__69_KV_TB1 355595	42.62 3.55 -0.01	39.29 2.98 0.00	36.52 2.64 0.00	35.33 2.28 0.00	36.50 2.39 0.00	37.67 2.13 0.00	40.77 2.16 0.00	43.83 2.60 0.00	43.81 2.94 0.00	38.15 2.83 0.00	39.76 3.41 -1.50	43.37 3.53 -3.03	45.47 3.58 -5.37	48.15 3.74 -8.10	50.67 4.05 -8.77	79.89 4.05 -39.65	80.64 4.15 -39.79	91.92 5.51 -35.82	78.24 5.47 -17.49	85.71 5.18 -22.30	59.50 4.56 -0.03	51.74 4.05 -0.03	42.06 2.93 0.00	36.86 2.28 0.00
CORTLAND__115KV_TB3 80093	39.69 0.12 -0.51	36.47 0.11 -0.04	33.95 0.07 0.00	33.11 0.07 0.00	34.29 0.17 0.00	35.76 0.21 0.00	39.50 0.31 -0.58	43.07 0.29 -1.55	42.65 0.25 -1.54	35.91 0.07 -0.52	35.06 -0.03 -0.25	37.13 -0.04 -0.37	37.07 0.00 -0.55	36.68 -0.04 -0.40	38.43 -0.11 -0.70	36.53 -0.14 -0.49	36.51 -0.18 0.01	51.47 -0.05 -0.93	56.24 0.22 -0.74	58.50 0.58 0.31	55.14 0.49 0.26	47.81 0.33 0.18	39.32 0.20 0.00	34.72 0.14 0.00
COXSACKIE__GT 23611	41.36 2.30 0.00	38.42 2.11 0.00	35.91 2.03 0.00	34.96 1.92 0.00	35.99 1.88 0.00	37.35 1.81 0.00	40.39 1.78 0.00	42.56 1.32 0.00	41.76 0.90 0.00	35.88 0.56 0.00	35.33 0.49 0.00	37.31 0.51 0.00	36.99 0.47 0.00	36.78 0.47 0.00	38.72 0.87 0.00	37.80 1.30 -0.32	39.57 1.58 -1.29	52.97 2.38 0.00	58.15 2.87 0.00	61.72 3.49 0.00	58.26 3.35 0.00	50.32 2.67 0.00	41.31 2.19 0.00	36.34 1.76 0.00
CPV_VALLEY__CC1 323721	40.85 1.80 0.00	37.87 1.56 0.00	35.30 1.42 0.00	34.37 1.32 0.00	35.38 1.26 0.00	36.71 1.17 0.00	39.84 1.24 0.00	42.72 1.48 0.00	42.42 1.55 0.00	36.84 1.52 0.00	36.58 1.74 0.00	38.57 1.77 0.00	38.34 1.83 0.00	38.24 1.92 0.00	40.12 2.27 0.00	40.38 2.21 -1.99	46.98 2.20 -8.08	53.57 2.98 0.00	58.10 2.82 0.00	60.73 2.50 0.00	57.16 2.25 0.00	49.70 2.05 0.00	40.57 1.45 0.00	35.72 1.14 0.00
CPV_VALLEY__CC2 323722	40.85 1.80 0.00	37.87 1.56 0.00	35.30 1.42 0.00	34.37 1.32 0.00	35.38 1.26 0.00	36.71 1.17 0.00	39.84 1.24 0.00	42.72 1.48 0.00	42.42 1.55 0.00	36.84 1.52 0.00	36.58 1.74 0.00	38.57 1.77 0.00	38.34 1.83 0.00	38.24 1.92 0.00	40.12 2.27 0.00	40.38 2.21 -1.99	46.98 2.20 -8.08	53.57 2.98 0.00	58.10 2.82 0.00	60.73 2.50 0.00	57.16 2.25 0.00	49.70 2.05 0.00	40.57 1.45 0.00	35.72 1.14 0.00
CRESCENT__HYD 24018	40.74 1.68 0.00	37.87 1.56 0.00	35.37 1.49 0.00	34.47 1.42 0.00	35.58 1.47 0.00	37.00 1.46 0.00	40.19 1.58 0.00	42.76 1.53 0.00	42.17 1.31 0.00	36.45 1.13 0.00	35.92 1.08 0.00	37.94 1.14 0.00	37.65 1.13 0.00	37.44 1.13 0.00	39.18 1.32 0.00	37.63 1.45 0.00	38.24 1.54 0.00	52.76 2.17 0.00	57.55 2.27 0.00	60.73 2.50 0.00	57.21 2.31 0.00	49.61 1.95 0.00	40.73 1.60 0.00	36.00 1.42 0.00
CRICKET__VALLEY_CC1 323756	41.16 2.11 0.00	38.20 1.89 0.00	35.57 1.69 0.00	34.63 1.59 0.00	35.62 1.50 0.00	36.97 1.42 0.00	40.15 1.55 0.00	43.01 1.77 0.00	42.71 1.84 0.00	37.12 1.80 0.00	36.86 2.02 0.00	38.90 2.10 0.00	38.67 2.15 0.00	38.60 2.29 0.00	40.50 2.65 0.00	41.58 2.61 -2.79	50.69 2.64 -11.35	54.08 3.49 0.00	58.60 3.32 0.00	61.14 2.91 0.00	57.49 2.58 0.00	50.03 2.38 0.00	40.84 1.72 0.00	36.00 1.42 0.00
CRICKET__VALLEY_CC2 323757	41.16 2.11 0.00	38.20 1.89 0.00	35.57 1.69 0.00	34.63 1.59 0.00	35.62 1.50 0.00	36.97 1.42 0.00	40.15 1.55 0.00	43.01 1.77 0.00	42.71 1.84 0.00	37.12 1.80 0.00	36.86 2.02 0.00	38.90 2.10 0.00	38.67 2.15 0.00	38.60 2.29 0.00	40.50 2.65 0.00	41.58 2.61 -2.79	50.69 2.64 -11.35	54.08 3.49 0.00	58.60 3.32 0.00	61.14 2.91 0.00	57.49 2.58 0.00	50.03 2.38 0.00	40.84 1.72 0.00	36.00 1.42 0.00
CRICKET__VALLEY_CC3 323758	41.16 2.11 0.00	38.20 1.89 0.00	35.57 1.69 0.00	34.63 1.59 0.00	35.62 1.50 0.00	36.97 1.42 0.00	40.15 1.55 0.00	43.01 1.77 0.00	42.71 1.84 0.00	37.12 1.80 0.00	36.86 2.02 0.00	38.90 2.10 0.00	38.67 2.15 0.00	38.60 2.29 0.00	40.50 2.65 0.00	41.58 2.61 -2.79	50.69 2.64 -11.35	54.08 3.49 0.00	58.60 3.32 0.00	61.14 2.91 0.00	57.49 2.58 0.00	50.03 2.38 0.00	40.84 1.72 0.00	36.00 1.42 0.00
CRUCIBLE_METL_DRP 24180	38.67 -0.39 0.00	35.91 -0.40 0.00	33.54 -0.34 0.00	32.75 -0.30 0.00	33.88 -0.24 0.00	35.33 -0.21 0.00	38.34 -0.27 0.00	40.95 -0.29 0.00	40.62 -0.25 0.00	35.04 -0.28 0.00	34.49 -0.35 0.00	36.43 -0.37 0.00	36.19 -0.33 0.00	35.91 -0.40 0.00	37.32 -0.53 0.00	35.60 -0.58 0.00	36.04 -0.66 0.00	49.73 -0.86 0.00	54.62 -0.66 0.00	57.82 -0.41 0.00	54.47 -0.44 0.00	47.18 -0.48 0.00	38.77 -0.35 0.00	34.27 -0.31 0.00
DAHOWA__HYDRO 323763	41.20 2.15 0.00	38.27 1.96 0.00	35.67 1.79 0.00	34.80 1.75 0.00	35.96 1.84 0.00	37.42 1.88 0.00	40.62 2.01 0.00	43.01 1.77 0.00	42.21 1.35 0.00	36.31 0.99 0.00	35.64 0.80 0.00	37.61 0.81 0.00	37.18 0.66 0.00	36.97 0.65 0.00	38.61 0.76 0.00	37.16 1.08 0.11	37.51 1.25 0.45	52.61 2.03 0.00	57.71 2.43 0.00	61.43 3.20 0.00	58.15 3.24 0.00	50.32 2.67 0.00	41.19 2.07 0.00	36.37 1.80 0.00
DANC__LFGE 323619	39.02 -0.04 0.00	36.17 -0.14 0.00	33.74 -0.13 0.00	32.98 -0.07 0.00	34.49 0.38 0.00	35.93 0.39 0.00	39.07 0.46 0.00	41.65 0.41 0.00	41.15 0.29 0.00	35.25 -0.07 0.00	34.53 -0.31 0.00	36.40 -0.40 0.00	36.08 -0.44 0.00	35.77 -0.54 0.00	36.98 -0.87 0.00	35.31 -0.87 0.00	35.74 -0.99 -0.02	49.95 -1.06 -0.42	55.53 -0.22 -0.47	58.85 0.06 -0.56	55.71 0.33 -0.47	48.13 0.14 -0.33	39.32 0.20 0.00	34.68 0.10 0.00
DANSKAMMER__1 23586	41.63 2.58 0.00	38.60 2.29 0.00	35.98 2.10 0.00	34.99 1.95 0.00	35.99 1.88 0.00	37.32 1.78 0.00	40.50 1.89 0.00	43.34 2.10 0.00	43.11 2.25 0.00	37.40 2.08 0.00	37.10 2.26 0.00	39.12 2.32 0.00	38.89 2.37 0.00	38.82 2.50 0.00	40.84 2.99 0.00	41.51 2.90 -2.44	49.63 3.01 -9.91	54.88 4.30 0.00	59.54 4.26 0.00	62.25 4.01 0.00	58.59 3.68 0.00	50.85 3.19 0.00	41.47 2.35 0.00	36.44 1.87 0.00
DANSKAMMER__2 23589	41.63 2.58 0.00	38.60 2.29 0.00	35.98 2.10 0.00	34.99 1.95 0.00	35.99 1.88 0.00	37.32 1.78 0.00	40.50 1.89 0.00	43.34 2.10 0.00	43.11 2.25 0.00	37.40 2.08 0.00	37.10 2.26 0.00	39.12 2.32 0.00	38.89 2.37 0.00	38.82 2.50 0.00	40.84 2.99 0.00	41.51 2.90 -2.44	49.63 3.01 -9.91	54.88 4.30 0.00	59.54 4.26 0.00	62.25 4.01 0.00	58.59 3.68 0.00	50.85 3.19 0.00	41.47 2.35 0.00	36.44 1.87 0.00
DANSKAMMER__3 23590	41.63 2.58 0.00	38.60 2.29 0.00	35.98 2.10 0.00	34.99 1.95 0.00	35.99 1.88 0.00	37.32 1.78 0.00	40.50 1.89 0.00	43.34 2.10 0.00	43.11 2.25 0.00	37.40 2.08 0.00	37.10 2.26 0.00	39.12 2.32 0.00	38.89 2.37 0.00	38.82 2.50 0.00	40.84 2.99 0.00	41.51 2.90 -2.44	49.63 3.01 -9.91	54.88 4.30 0.00	59.54 4.26 0.00	62.25 4.01 0.00	58.59 3.68 0.00	50.85 3.19 0.00	41.47 2.35 0.00	36.44 1.87 0.00

DANSKAMMER___4 23591	41.63 2.58 0.00	38.60 2.29 0.00	35.98 2.10 0.00	34.99 1.95 0.00	35.99 1.88 0.00	37.32 1.78 0.00	40.50 1.89 0.00	43.34 2.10 0.00	43.11 2.25 0.00	37.40 2.08 0.00	37.10 2.26 0.00	39.12 2.32 0.00	38.89 2.37 0.00	38.82 2.50 0.00	40.84 2.99 0.00	41.51 2.90 -2.44	49.63 3.01 -9.91	54.88 4.30 0.00	59.54 4.26 0.00	62.25 4.01 0.00	58.59 3.68 0.00	50.85 3.19 0.00	41.47 2.35 0.00	36.44 1.87 0.00
DANSKAMMER___DIESEL 23592	41.63 2.58 0.00	38.67 2.36 0.00	35.98 2.10 0.00	35.00 1.95 0.00	35.99 1.88 0.00	37.35 1.81 0.00	40.54 1.93 0.00	43.34 2.10 0.00	43.15 2.29 0.00	37.40 2.08 0.00	37.10 2.26 0.00	39.12 2.32 0.00	38.89 2.37 0.00	38.82 2.51 0.00	40.73 2.88 0.00	41.51 2.89 -2.44	49.63 3.01 -9.91	54.89 4.30 0.00	59.54 4.26 0.00	62.25 4.02 0.00	58.59 3.68 0.00	50.89 3.24 0.00	41.47 2.35 0.00	36.44 1.87 0.00
DARBY___SOLAR 323810	41.09 2.03 0.00	38.16 1.85 0.00	35.61 1.73 0.00	34.70 1.65 0.00	35.86 1.74 0.00	37.28 1.74 0.00	40.50 1.89 0.00	42.93 1.69 0.00	42.17 1.31 0.00	36.27 0.95 0.00	35.64 0.80 0.00	37.61 0.81 0.00	37.21 0.69 0.00	37.00 0.69 0.00	38.68 0.83 0.00	37.20 1.12 0.11	37.56 1.28 0.43	52.56 1.97 0.00	57.65 2.38 0.00	61.26 3.03 0.00	57.92 3.02 0.00	50.13 2.48 0.00	41.04 1.92 0.00	36.27 1.69 0.00
DASHVILLE___HYD 23610	41.28 2.23 0.00	38.35 2.03 0.00	35.71 1.83 0.00	34.73 1.69 0.00	35.72 1.60 0.00	37.00 1.46 0.00	40.08 1.47 0.00	42.84 1.61 0.00	43.20 2.33 0.00	37.37 2.05 0.00	37.07 2.23 0.00	39.08 2.28 0.00	38.86 2.34 0.00	38.78 2.47 0.00	40.80 2.95 0.00	41.21 3.18 -1.84	47.54 3.34 -7.50	55.39 4.81 0.00	60.14 4.86 0.00	62.89 4.66 0.00	59.19 4.28 0.00	51.32 3.67 0.00	41.86 2.74 0.00	36.65 2.07 0.00
DELAWARE___LFGE 323621	40.07 1.02 0.00	37.29 0.98 0.00	34.83 0.95 0.00	33.94 0.89 0.00	35.14 1.02 0.00	36.47 0.92 0.00	40.58 1.97 0.00	43.22 1.98 0.00	44.08 1.63 -1.58	36.85 0.99 -0.54	35.79 0.70 -0.26	37.95 0.77 -0.38	37.89 0.80 -0.57	37.45 0.73 -0.41	39.21 0.64 -0.72	37.34 0.65 -0.51	37.27 0.55 -0.02	53.46 1.47 -1.41	58.01 2.71 -0.02	61.37 3.14 0.00	57.98 3.07 0.00	50.08 2.43 0.00	40.84 1.72 0.00	35.96 1.38 0.00
DERFIELD_115KV_TB7 355931	39.25 0.20 0.00	36.49 0.18 0.00	34.05 0.17 0.00	33.21 0.17 0.00	34.29 0.17 0.00	35.68 0.14 0.00	38.76 0.15 0.00	41.40 0.16 0.00	40.99 0.12 0.00	35.43 0.11 0.00	34.94 0.10 0.00	36.91 0.11 0.00	36.63 0.11 0.00	36.42 0.11 0.00	38.00 0.15 0.00	36.33 0.14 0.00	36.85 0.15 0.00	50.79 0.20 0.00	55.50 0.22 0.00	58.46 0.23 0.00	55.13 0.22 0.00	47.84 0.19 0.00	39.28 0.16 0.00	34.72 0.14 0.00
DOGLEVILLE___HYD 23807	39.96 0.90 0.00	37.08 0.76 0.00	34.56 0.68 0.00	33.74 0.69 0.00	34.94 0.82 0.00	36.36 0.82 0.00	39.50 0.89 0.00	42.23 0.99 0.00	41.85 0.98 0.00	36.13 0.81 0.00	35.64 0.80 0.00	37.65 0.85 0.00	37.40 0.88 0.00	37.22 0.91 0.00	38.80 0.95 0.00	37.05 0.87 0.00	37.51 0.81 0.00	51.80 1.21 0.00	56.83 1.55 0.00	59.92 1.69 0.00	56.66 1.76 0.00	49.18 1.52 0.00	40.45 1.33 0.00	35.75 1.18 0.00
DUNKIRK___115KV_TB_200 55889	32.14 -3.40 3.52	32.92 -3.09 0.30	30.84 -3.02 0.03	30.07 -2.97 0.00	31.10 -3.00 0.01	32.54 -2.99 0.01	31.77 -2.86 3.98	27.96 -2.68 10.59	28.00 -2.49 10.37	29.54 -2.26 3.52	30.68 -2.47 1.69	31.87 -2.47 2.46	30.36 -2.45 3.72	31.10 -2.51 2.71	30.47 -2.88 4.50	30.14 -2.86 3.19	33.42 -3.08 0.20	35.79 -4.05 10.75	40.97 -4.09 10.22	50.28 -3.61 4.34	47.67 -3.62 3.61	41.78 -3.24 2.63	36.27 -2.86 0.00	31.82 -2.73 0.03
DUNKIRK___1 23563	32.14 -3.40 3.52	32.92 -3.09 0.30	30.84 -3.02 0.03	30.07 -2.97 0.00	31.10 -3.00 0.01	32.54 -2.99 0.01	31.77 -2.86 3.98	27.96 -2.68 10.59	28.00 -2.49 10.37	29.54 -2.26 3.52	30.68 -2.47 1.69	31.87 -2.47 2.46	30.36 -2.45 3.72	31.10 -2.51 2.71	30.47 -2.88 4.50	30.14 -2.86 3.19	33.42 -3.08 0.20	35.79 -4.05 10.75	40.97 -4.09 10.22	50.28 -3.61 4.34	47.67 -3.62 3.61	41.78 -3.24 2.63	36.27 -2.86 0.00	31.82 -2.73 0.03
DUNKIRK___2 23564	32.14 -3.40 3.52	32.92 -3.09 0.30	30.84 -3.02 0.03	30.07 -2.97 0.00	31.10 -3.00 0.01	32.54 -2.99 0.01	31.77 -2.86 3.98	27.96 -2.68 10.59	28.00 -2.49 10.37	29.54 -2.26 3.52	30.68 -2.47 1.69	31.87 -2.47 2.46	30.36 -2.45 3.72	31.10 -2.51 2.71	30.47 -2.88 4.50	30.14 -2.86 3.19	33.42 -3.08 0.20	35.79 -4.05 10.75	40.97 -4.09 10.22	50.28 -3.61 4.34	47.67 -3.62 3.61	41.78 -3.24 2.63	36.27 -2.86 0.00	31.82 -2.73 0.03
DUNKIRK___3 23565	31.99 -3.48 3.59	32.85 -3.16 0.31	30.77 -3.08 0.03	29.97 -3.07 0.00	31.03 -3.07 0.01	32.47 -3.06 0.01	31.61 -2.93 4.06	27.67 -2.76 10.80	27.81 -2.49 10.56	29.43 -2.30 3.59	30.61 -2.51 1.72	31.75 -2.54 2.51	30.21 -2.52 3.79	30.97 -2.58 2.76	30.35 -2.91 4.59	30.01 -2.93 3.25	33.27 -3.23 0.21	35.52 -4.15 10.92	40.65 -4.26 10.37	50.06 -3.78 4.38	47.42 -3.84 3.64	41.61 -3.38 2.66	36.07 -3.05 0.00	31.68 -2.87 0.03
DUNKIRK___4 23566	31.99 -3.48 3.59	32.85 -3.16 0.31	30.77 -3.08 0.03	29.97 -3.07 0.00	31.03 -3.07 0.01	32.47 -3.06 0.01	31.61 -2.93 4.06	27.67 -2.76 10.80	27.81 -2.49 10.56	29.43 -2.30 3.59	30.61 -2.51 1.72	31.75 -2.54 2.51	30.21 -2.52 3.79	30.97 -2.58 2.76	30.35 -2.91 4.59	30.01 -2.93 3.25	33.27 -3.23 0.21	35.52 -4.15 10.92	40.65 -4.26 10.37	50.06 -3.78 4.38	47.42 -3.84 3.64	41.61 -3.38 2.66	36.07 -3.05 0.00	31.68 -2.87 0.03
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.91 2.85 0.00	38.89 2.58 0.00	36.15 2.27 0.00	35.13 2.08 0.00	36.16 2.05 0.00	37.50 1.95 0.00	40.73 2.12 0.00	43.79 2.56 0.00	43.56 2.70 0.00	37.83 2.51 0.00	37.63 2.79 0.00	39.67 2.87 0.00	39.48 2.96 0.00	39.44 3.12 0.00	41.30 3.44 0.00	42.16 3.40 -2.57	50.62 3.45 -10.47	55.09 4.50 0.00	59.65 4.37 0.00	62.19 3.96 0.00	58.48 3.57 0.00	50.99 3.34 0.00	41.47 2.35 0.00	36.51 1.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	41.36 2.30 0.00	38.42 2.11 0.00	35.74 1.86 0.00	34.76 1.72 0.00	35.79 1.67 0.00	37.11 1.56 0.00	40.27 1.66 0.00	43.17 1.94 0.00	42.95 2.08 0.00	37.23 1.91 0.00	36.96 2.13 0.00	38.97 2.17 0.00	38.75 2.23 0.00	38.67 2.36 0.00	40.54 2.69 0.00	41.19 2.71 -2.30	48.84 2.79 -9.35	54.43 3.84 0.00	59.04 3.76 0.00	61.72 3.49 0.00	58.09 3.18 0.00	50.46 2.81 0.00	41.16 2.03 0.00	36.17 1.59 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	42.18 3.12 0.00	39.15 2.83 0.00	36.25 2.37 0.00	35.19 2.15 0.00	36.20 2.08 0.00	37.53 1.99 0.00	40.77 2.16 0.00	43.88 2.64 0.00	43.73 2.86 0.00	37.97 2.65 0.00	37.88 3.00 -0.04	39.89 3.09 0.00	39.70 3.18 0.00	39.85 3.30 -0.24	41.78 3.67 -0.26	42.92 3.62 -3.11	50.81 3.63 -10.47	55.39 4.81 0.00	59.65 4.37 0.00	62.02 3.78 0.00	58.37 3.46 0.00	51.04 3.38 0.00	41.43 2.31 0.00	36.51 1.94 0.00

E179THST_13_KV_LOAD 356214	42.42 3.36 0.00	39.36 3.05 0.00	36.42 2.54 0.00	35.36 2.31 0.00	36.37 2.25 0.00	37.71 2.17 0.00	40.96 2.36 0.00	44.12 2.89 0.00	43.93 3.06 0.00	38.18 2.86 0.00	38.05 3.17 -0.04	40.08 3.28 0.00	39.88 3.36 0.00	40.07 3.52 -0.24	41.97 3.86 -0.26	43.10 3.80 -3.11	51.03 3.85 -10.47	55.70 5.11 0.00	59.98 4.70 0.00	62.36 4.13 0.00	58.70 3.79 0.00	51.32 3.67 0.00	41.63 2.50 0.00	36.69 2.11 0.00
EAST HAMPTON___GT 23717	42.97 3.91 -0.01	39.47 3.16 0.00	36.83 2.95 0.00	35.39 2.35 0.00	36.78 2.66 0.00	37.64 2.10 0.00	40.62 2.01 0.00	43.50 2.27 0.00	43.40 2.53 0.00	38.64 3.32 0.00	40.80 4.46 -1.50	44.65 4.82 -3.03	46.67 4.78 -5.37	48.81 4.47 -8.03	51.40 4.85 -8.71	51.54 4.56 -10.80	53.99 4.84 -12.44	59.07 6.07 -2.41	62.43 5.97 -1.18	65.08 5.35 -1.50	58.96 4.06 0.01	52.13 4.48 0.01	42.80 3.68 0.00	37.41 2.84 0.00
EAST RIVER___6 23660	42.18 3.13 0.00	39.07 2.76 0.00	36.29 2.41 0.00	35.29 2.25 0.00	36.30 2.19 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.00 2.76 0.00	43.77 2.90 0.00	38.08 2.76 0.00	37.95 3.07 -0.04	39.97 3.17 0.00	39.73 3.21 0.00	39.96 3.41 -0.23	41.92 3.82 -0.25	42.98 3.69 -3.11	50.92 3.75 -10.47	55.55 4.96 0.00	59.92 4.64 0.00	62.48 4.25 0.00	58.86 3.96 0.00	51.27 3.62 0.00	41.59 2.47 0.00	36.62 2.04 0.00
EAST RIVER___7 23524	42.18 3.13 0.00	39.07 2.76 0.00	36.29 2.41 0.00	35.29 2.25 0.00	36.30 2.19 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.00 2.76 0.00	43.77 2.90 0.00	38.08 2.76 0.00	37.95 3.07 -0.04	39.97 3.17 0.00	39.73 3.21 0.00	39.96 3.41 -0.23	41.92 3.82 -0.25	42.98 3.69 -3.11	50.92 3.75 -10.47	55.55 4.96 0.00	59.92 4.64 0.00	62.48 4.25 0.00	58.86 3.96 0.00	51.27 3.62 0.00	41.59 2.47 0.00	36.62 2.04 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.79 2.73 0.00	38.78 2.47 0.00	36.05 2.17 0.00	35.06 2.02 0.00	36.06 1.94 0.00	37.43 1.88 0.00	40.65 2.05 0.00	43.67 2.43 0.00	43.44 2.57 0.00	37.72 2.40 0.00	37.52 2.68 0.00	39.56 2.76 0.00	39.33 2.81 0.00	39.29 2.98 0.00	41.14 3.29 0.00	42.00 3.26 -2.56	50.44 3.30 -10.43	54.94 4.35 0.00	59.48 4.20 0.00	62.02 3.78 0.00	58.37 3.46 0.00	50.85 3.19 0.00	41.39 2.27 0.00	36.41 1.83 0.00
EAST_HAMPTON___DIESEL 23722	42.89 3.83 -0.01	39.44 3.12 0.00	36.76 2.88 0.00	35.36 2.31 0.00	36.71 2.59 0.00	37.57 2.02 0.00	40.54 1.93 0.00	43.46 2.23 0.00	43.32 2.45 0.00	38.57 3.25 0.00	40.77 4.43 -1.50	44.61 4.78 -3.03	46.63 4.75 -5.37	48.78 4.43 -8.03	51.37 4.81 -8.71	51.51 4.52 -10.80	53.92 4.77 -12.44	58.97 5.97 -2.41	62.31 5.86 -1.18	64.97 5.24 -1.50	58.86 3.96 0.01	52.03 4.38 0.01	42.76 3.64 0.00	37.34 2.77 0.00
EAST_POINT___SOLAR 323840	41.16 2.11 0.00	38.20 1.89 0.00	35.61 1.73 0.00	34.73 1.68 0.00	35.99 1.88 0.00	37.50 1.95 0.00	40.42 1.82 0.00	42.22 0.99 0.00	40.58 -0.28 0.00	34.69 -0.63 0.00	34.11 -0.73 0.00	36.32 -0.48 0.00	35.93 -0.59 0.00	35.77 -0.54 0.00	37.36 -0.49 0.00	35.77 -0.29 0.13	35.90 -0.29 0.51	51.04 0.45 0.00	57.10 1.82 0.00	61.90 3.67 0.00	58.75 3.84 0.00	50.66 3.00 0.00	41.35 2.23 0.00	36.41 1.83 0.00
EAST_PULASKI___ESR 323781	38.59 -0.47 0.00	35.84 -0.47 0.00	33.44 -0.44 0.00	32.65 -0.40 0.00	33.95 -0.17 0.00	35.37 -0.18 0.00	38.42 -0.19 0.00	40.99 -0.25 0.00	40.58 -0.28 0.00	34.90 -0.42 0.00	34.28 -0.56 0.00	36.17 -0.63 0.00	35.90 -0.62 0.00	35.62 -0.69 0.00	36.91 -0.94 0.00	35.24 -0.94 0.00	35.74 -1.03 -0.06	50.38 -1.32 -1.11	55.57 -0.94 -1.23	59.01 -0.70 -1.47	55.58 -0.55 -1.22	47.96 -0.57 -0.88	38.77 -0.35 0.00	34.27 -0.31 0.00
EAST_RIVER___1 323558	42.14 3.08 0.00	39.04 2.72 0.00	36.29 2.41 0.00	35.29 2.25 0.00	36.30 2.19 0.00	37.64 2.10 0.00	40.93 2.32 0.00	44.04 2.81 0.00	43.81 2.94 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	39.97 3.17 0.00	39.77 3.25 0.00	39.96 3.41 -0.23	41.92 3.82 -0.25	42.98 3.69 -3.11	50.92 3.75 -10.47	55.55 4.96 0.00	59.97 4.70 0.00	62.48 4.25 0.00	58.81 3.90 0.00	51.23 3.58 0.00	41.59 2.47 0.00	36.65 2.07 0.00
EAST_RIVER___2 323559	42.18 3.13 0.00	39.07 2.76 0.00	36.29 2.41 0.00	35.29 2.25 0.00	36.30 2.19 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.00 2.76 0.00	43.77 2.90 0.00	38.08 2.76 0.00	37.95 3.07 -0.04	39.97 3.17 0.00	39.73 3.21 0.00	39.96 3.41 -0.23	41.92 3.82 -0.25	42.98 3.69 -3.11	50.92 3.75 -10.47	55.55 4.96 0.00	59.92 4.64 0.00	62.48 4.25 0.00	58.86 3.96 0.00	51.27 3.62 0.00	41.59 2.47 0.00	36.62 2.04 0.00
EAST___DELAWARE_HYD 23607	41.09 2.03 0.00	38.09 1.78 0.00	35.47 1.59 0.00	34.53 1.49 0.00	35.55 1.43 0.00	36.86 1.32 0.00	40.00 1.39 0.00	42.80 1.57 0.00	42.62 1.76 0.00	36.95 1.63 0.00	36.62 1.78 0.00	38.60 1.80 0.00	38.42 1.90 0.00	38.31 2.00 0.00	40.28 2.42 0.00	40.43 2.35 -1.90	46.84 2.42 -7.72	54.23 3.64 0.00	59.04 3.76 0.00	61.72 3.49 0.00	58.09 3.18 0.00	50.37 2.71 0.00	41.08 1.96 0.00	36.03 1.45 0.00
EIGHT_POINT___WT_PWR 323820	50.05 -1.80 -12.79	35.78 -1.63 -1.10	32.25 -1.73 -0.09	31.26 -1.78 0.00	32.52 -1.64 -0.04	34.02 -1.56 -0.04	51.62 -1.47 -14.48	78.02 -1.73 -38.51	76.51 -1.92 -37.57	46.08 -2.01 -12.77	38.82 -2.13 -6.11	43.63 -2.14 -8.96	48.15 -1.90 -13.53	44.32 -1.85 -9.86	52.71 -1.97 -16.83	46.23 -1.84 -11.90	34.95 -2.05 -0.30	80.20 -2.33 -31.94	82.49 -1.77 -28.99	62.41 -0.93 -5.12	58.33 -0.82 -4.25	50.09 -0.81 -3.25	37.99 -1.14 0.00	33.46 -1.21 -0.09
ELBRIDGE_115KV_TB2 80188	38.43 -0.62 0.00	35.70 -0.62 0.00	33.34 -0.54 0.00	32.55 -0.50 0.00	33.67 -0.44 0.00	35.12 -0.43 0.00	38.07 -0.54 0.00	40.70 -0.54 0.00	40.33 -0.53 0.00	34.83 -0.49 0.00	34.25 -0.59 0.00	36.21 -0.59 0.00	35.93 -0.58 0.00	35.70 -0.62 0.00	37.09 -0.76 0.00	35.35 -0.83 0.00	35.82 -0.88 0.00	49.42 -1.16 0.00	54.28 -1.00 0.00	57.47 -0.76 0.00	54.19 -0.71 0.00	46.94 -0.71 0.00	38.54 -0.59 0.00	34.09 -0.48 0.00
ELEC_TRO_TEK 24086	42.42 3.36 -0.01	39.15 2.83 0.00	36.39 2.51 0.00	35.19 2.15 0.00	36.37 2.25 0.00	37.50 1.95 0.00	40.58 1.97 0.00	43.63 2.39 0.00	43.60 2.74 0.00	38.00 2.68 0.00	39.65 3.31 -1.50	43.22 3.39 -3.03	45.36 3.47 -5.37	47.97 3.59 -8.06	50.49 3.90 -8.74	64.83 3.91 -24.74	66.32 3.96 -25.65	74.40 5.26 -18.55	69.48 5.14 -9.06	74.61 4.83 -11.55	59.15 4.23 -0.01	51.48 3.81 -0.01	41.90 2.78 0.00	36.72 2.14 0.00
ELLENBURG_WT_PWR 323604	38.74 -0.31 0.00	35.95 -0.36 0.00	33.51 -0.37 0.00	32.62 -0.43 0.00	33.64 -0.48 0.00	35.12 -0.42 0.00	38.18 -0.42 0.00	40.74 -0.49 0.00	40.42 -0.45 0.00	34.90 -0.42 0.00	34.35 -0.49 0.00	36.32 -0.48 0.00	35.93 -0.59 0.00	35.70 -0.62 0.00	37.21 -0.64 0.00	35.57 -0.62 0.00	36.11 -0.59 0.00	49.78 -0.81 0.00	54.50 -0.77 0.00	57.53 -0.70 0.00	54.30 -0.60 0.00	47.18 -0.48 0.00	38.73 -0.39 0.00	34.20 -0.38 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.47 -3.98 3.61	32.34 -3.67 0.31	30.43 -3.42 0.03	29.74 -3.30 0.00	30.83 -3.28 0.01	32.26 -3.27 0.01	31.13 -3.40 4.08	27.12 -3.26 10.86	27.32 -2.94 10.60	29.00 -2.72 3.60	30.19 -2.93 1.72	31.22 -3.05 2.52	29.68 -3.03 3.81	30.45 -3.09 2.78	29.88 -3.41 4.56	29.48 -3.47 3.23	32.79 -3.71 0.21	34.65 -5.01 10.93	39.74 -5.14 10.40	49.04 -4.72 4.48	46.63 -4.56 3.72	40.79 -4.15 2.72	35.72 -3.40 0.00	31.34 -3.22 0.03
EMPIRE_CC_1 323656	40.58 1.52 0.00	37.77 1.45 0.00	35.27 1.39 0.00	34.40 1.36 0.00	35.48 1.37 0.00	36.86 1.32 0.00	40.00 1.39 0.00	42.59 1.36 0.00	42.09 1.22 0.00	36.45 1.13 0.00	35.95 1.11 0.00	37.98 1.18 0.00	37.72 1.20 0.00	37.51 1.20 0.00	39.29 1.44 0.00	37.86 1.52 -0.16	38.91 1.58 -0.63	52.71 2.12 0.00	57.38 2.10 0.00	60.32 2.09 0.00	56.83 1.92 0.00	49.32 1.67 0.00	40.53 1.41 0.00	35.86 1.28 0.00
EMPIRE_CC_2 323658	40.58 1.52 0.00	37.77 1.45 0.00	35.27 1.39 0.00	34.40 1.36 0.00	35.48 1.37 0.00	36.86 1.32 0.00	40.00 1.39 0.00	42.59 1.36 0.00	42.09 1.22 0.00	36.45 1.13 0.00	35.95 1.11 0.00	37.98 1.18 0.00	37.72 1.20 0.00	37.51 1.20 0.00	39.29 1.44 0.00	37.86 1.52 -0.16	38.91 1.58 -0.63	52.71 2.12 0.00	57.38 2.10 0.00	60.32 2.09 0.00	56.83 1.92 0.00	49.32 1.67 0.00	40.53 1.41 0.00	35.86 1.28 0.00
ENORWICH_115KV_TB1 80156	40.92 1.09 -0.77	37.36 0.98 -0.07	34.83 0.95 -0.01	34.00 0.96 0.00	35.62 1.50 0.00	37.18 1.63 0.00	41.33 1.85 -0.87	45.37 1.81 -2.32	44.76 1.39 -2.50	36.81 0.64 -0.85	35.53 0.28 -0.41	37.69 0.29 -0.60	37.82 0.40 -0.90	37.30 0.33 -0.66	39.17 0.19 -1.13	37.20 0.22 -0.80	36.82 0.11 0.00	53.44 1.01 -1.84	59.23 2.54 -1.41	61.26 3.14 0.11	57.89 3.07 0.09	50.03 2.43 0.06	40.84 1.72 0.00	35.97 1.38 -0.01
ERIE_ST__34_KV_TB1-2 80199	32.83 -2.93 3.30	33.41 -2.61 0.29	30.94 -2.91 0.02	29.84 -3.21 0.00	30.97 -3.14 0.01	32.40 -3.13 0.01	32.56 -2.32 3.73	29.21 -2.10 9.92	29.30 -1.80 9.77	30.34 -1.66 3.32	31.33 -1.92 1.59	32.54 -1.95 2.31	31.10 -1.94 3.48	31.77 -2.00 2.54	31.33 -2.27 4.25	30.86 -2.32 3.01	33.60 -2.90 0.20	36.97 -3.34 10.28	42.17 -3.32 9.79	50.99 -2.97 4.27	48.01 -3.35 3.55	42.42 -2.67 2.57	35.91 -3.21 0.00	31.82 -2.73 0.02
ERIE_WT_PWR 323693	31.82 -3.67 3.56	32.81 -3.20 0.31	30.67 -3.19 0.03	29.84 -3.20 0.00	30.97 -3.14 0.01	32.40 -3.13 0.01	31.48 -3.09 4.03	27.62 -2.89 10.72	27.73 -2.62 10.52	29.31 -2.44 3.58	30.45 -2.68 1.71	31.51 -2.80 2.49	30.02 -2.74 3.76	30.74 -2.83 2.74	30.10 -3.18 4.57	29.80 -3.15 3.24	33.04 -3.45 0.21	35.11 -4.55 10.92	40.36 -4.53 10.38	49.56 -4.25 4.42	47.12 -4.12 3.67	41.50 -3.48 2.68	35.95 -3.17 0.00	31.54 -3.01 0.03
ESPRGFLD_115KV_TB1 80157	40.11 1.05 0.00	37.29 0.98 0.00	34.79 0.91 0.00	33.90 0.86 0.00	35.21 1.09 0.00	36.64 1.10 0.00	40.23 1.62 0.00	42.60 1.36 0.00	41.64 0.78 0.00	35.53 0.21 0.00	34.80 -0.03 0.00	36.84 0.04 0.00	36.56 0.04 0.00	36.28 -0.04 0.00	37.74 -0.11 -0.01	36.19 0.00 0.00	36.56 -0.15 0.00	51.21 0.61 -0.01	57.22 1.93 -0.01	61.03 2.80 0.00	57.71 2.80 0.00	49.80 2.14 0.00	40.65 1.53 0.00	35.75 1.18 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.59 0.31 -1.22	36.67 0.25 -0.10	34.09 0.20 -0.01	33.24 0.20 0.00	34.46 0.34 0.00	35.97 0.43 0.00	40.53 0.54 -1.38	45.39 0.49 -3.66	44.91 0.41 -3.63	36.70 0.14 -1.23	35.43 0.00 -0.59	37.67 0.00 -0.87	37.86 0.04 -1.31	37.27 0.00 -0.95	39.37 -0.11 -1.63	37.23 -0.11 -1.15	36.53 -0.18 -0.01	53.44 0.05 -2.80	58.27 0.55 -2.44	59.31 0.99 -0.09	55.91 0.93 -0.07	48.39 0.67 -0.07	39.55 0.43 0.00	34.90 0.31 -0.01
ETNA____115KV_TB2 80207	40.59 0.31 -1.22	36.67 0.25 -0.10	34.09 0.20 -0.01	33.24 0.20 0.00	34.46 0.34 0.00	35.97 0.43 0.00	40.53 0.54 -1.38	45.39 0.49 -3.66	44.91 0.41 -3.63	36.70 0.14 -1.23	35.43 0.00 -0.59	37.67 0.00 -0.87	37.86 0.04 -1.31	37.27 0.00 -0.95	39.37 -0.11 -1.63	37.23 -0.11 -1.15	36.53 -0.18 -0.01	53.44 0.05 -2.80	58.27 0.55 -2.44	59.31 0.99 -0.09	55.91 0.93 -0.07	48.39 0.67 -0.07	39.55 0.43 0.00	34.90 0.31 -0.01
EUCLID____115KV_TB2 356179	38.24 -0.82 0.00	35.51 -0.80 0.00	33.17 -0.71 0.00	32.38 -0.66 0.00	33.50 -0.61 0.00	34.94 -0.60 0.00	37.88 -0.73 0.00	40.49 -0.74 0.00	40.17 -0.69 0.00	34.68 -0.64 0.00	34.14 -0.70 0.00	36.06 -0.74 0.00	35.83 -0.69 0.00	35.59 -0.73 0.00	36.98 -0.87 0.00	35.24 -0.94 0.00	35.65 -0.99 0.06	48.17 -1.32 1.10	52.78 -1.27 1.23	55.66 -1.11 1.46	52.59 -1.10 1.22	45.73 -1.05 0.87	38.34 -0.78 0.00	33.92 -0.66 0.00
E_CANADA_CAP_HY 24051	40.50 1.45 0.00	37.62 1.31 0.00	35.06 1.19 0.00	34.20 1.16 0.00	35.45 1.33 0.00	36.89 1.35 0.00	40.11 1.50 0.00	42.22 0.99 0.00	41.03 0.16 0.00	35.04 -0.28 0.00	34.35 -0.49 0.00	36.43 -0.37 0.00	36.08 -0.44 0.00	35.91 -0.40 0.00	37.47 -0.38 0.00	35.86 -0.22 0.11	35.99 -0.26 0.45	50.94 0.36 0.00	56.77 1.49 0.00	60.91 2.68 0.00	57.71 2.80 0.00	49.80 2.15 0.00	40.77 1.64 0.00	35.89 1.31 0.00
E_CANADA_MHWK_HY 24050	39.96 0.90 0.00	37.08 0.76 0.00	34.56 0.68 0.00	33.74 0.70 0.00	34.93 0.82 0.00	36.36 0.82 0.00	39.50 0.89 0.00	42.22 0.99 0.00	41.85 0.98 0.00	36.13 0.81 0.00	35.64 0.80 0.00	37.65 0.85 0.00	37.39 0.88 0.00	37.22 0.91 0.00	38.80 0.95 0.00	37.05 0.87 0.00	37.51 0.81 0.00	51.80 1.21 0.00	56.82 1.55 0.00	59.92 1.69 0.00	56.66 1.76 0.00	49.18 1.52 0.00	40.45 1.33 0.00	35.75 1.18 0.00
E_FISHKILL___LBMP 23776	41.40 2.34 0.00	38.46 2.14 0.00	35.78 1.90 0.00	34.80 1.75 0.00	35.82 1.71 0.00	37.14 1.60 0.00	40.35 1.74 0.00	43.30 2.06 0.00	43.03 2.17 0.00	37.37 2.05 0.00	37.10 2.26 0.00	39.12 2.32 0.00	38.93 2.41 0.00	38.82 2.51 0.00	40.65 2.80 0.00	41.66 2.82 -2.66	50.38 2.86 -10.82	54.38 3.79 0.00	58.93 3.65 0.00	61.49 3.26 0.00	57.87 2.96 0.00	50.37 2.72 0.00	41.08 1.96 0.00	36.17 1.59 0.00
FALCON___SEABRD_CC1 323796	39.17 0.12 0.00	36.35 0.04 0.00	33.85 -0.03 0.00	32.95 -0.10 0.00	33.98 -0.14 0.00	35.51 -0.04 0.00	38.61 0.00 0.00	41.15 -0.08 0.00	40.87 0.00 0.00	35.25 -0.07 0.00	34.70 -0.14 0.00	36.69 -0.11 0.00	36.27 -0.25 0.00	36.02 -0.29 0.00	37.55 -0.30 0.00	35.89 -0.29 0.00	36.45 -0.26 0.00	50.29 -0.30 0.00	55.06 -0.22 0.00	58.17 -0.06 0.00	54.96 0.05 0.00	47.70 0.05 0.00	39.12 0.00 0.00	34.54 -0.03 0.00
FALCON___SEABRD_CC2 323797	39.17 0.12 0.00	36.35 0.04 0.00	33.85 -0.03 0.00	32.95 -0.10 0.00	33.98 -0.14 0.00	35.51 -0.04 0.00	38.61 0.00 0.00	41.15 -0.08 0.00	40.87 0.00 0.00	35.25 -0.07 0.00	34.70 -0.14 0.00	36.69 -0.11 0.00	36.27 -0.25 0.00	36.02 -0.29 0.00	37.55 -0.30 0.00	35.89 -0.29 0.00	36.45 -0.26 0.00	50.29 -0.30 0.00	55.06 -0.22 0.00	58.17 -0.06 0.00	54.96 0.05 0.00	47.70 0.05 0.00	39.12 0.00 0.00	34.54 -0.03 0.00

FAR ROCKAWAY___4 23548	43.05 3.98 -0.01	39.65 3.34 0.00	36.86 2.98 0.00	35.62 2.58 0.00	36.81 2.70 0.00	37.96 2.42 0.00	41.08 2.47 0.00	44.16 2.93 0.00	44.18 3.31 0.00	38.50 3.18 0.00	40.14 3.80 -1.50	43.77 3.94 -3.03	45.90 4.02 -5.37	48.59 4.18 -8.10	51.13 4.50 -8.78	83.88 4.52 -43.18	84.42 4.59 -43.13	96.71 6.22 -39.90	80.96 6.19 -19.49	89.01 5.94 -24.84	60.16 5.22 -0.04	52.27 4.57 -0.04	42.45 3.33 0.00	37.14 2.56 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.14 3.09 0.00	39.11 2.80 0.00	36.29 2.41 0.00	35.29 2.25 0.00	36.30 2.18 0.00	37.67 2.13 0.00	40.93 2.32 0.00	44.08 2.85 0.00	43.89 3.02 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	39.96 3.41 -0.23	41.85 3.75 -0.25	43.02 3.73 -3.11	50.95 3.78 -10.47	55.60 5.01 0.00	60.03 4.75 0.00	62.48 4.25 0.00	58.81 3.90 0.00	51.27 3.62 0.00	41.63 2.50 0.00	36.65 2.07 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.18 3.12 0.00	39.15 2.83 0.00	36.32 2.44 0.00	35.29 2.25 0.00	36.33 2.22 0.00	37.67 2.13 0.00	40.96 2.36 0.00	44.08 2.85 0.00	43.89 3.02 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	39.96 3.41 -0.23	41.85 3.75 -0.25	43.02 3.73 -3.11	50.95 3.78 -10.47	55.60 5.01 0.00	60.03 4.75 0.00	62.48 4.25 0.00	58.86 3.95 0.00	51.27 3.62 0.00	41.67 2.54 0.00	36.65 2.07 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.14 3.09 0.00	39.11 2.80 0.00	36.29 2.41 0.00	35.26 2.21 0.00	36.30 2.18 0.00	37.64 2.10 0.00	40.93 2.32 0.00	44.08 2.85 0.00	43.89 3.02 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	39.96 3.16 0.00	39.77 3.25 0.00	39.96 3.41 -0.23	41.85 3.75 -0.25	42.98 3.69 -3.11	50.92 3.74 -10.47	55.54 4.96 0.00	59.98 4.70 0.00	62.42 4.19 0.00	58.81 3.90 0.00	51.23 3.57 0.00	41.63 2.50 0.00	36.65 2.07 0.00
FARRAGUT___LBMP 323566	42.10 3.05 0.00	39.07 2.76 0.00	36.25 2.37 0.00	35.26 2.21 0.00	36.27 2.15 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.04 2.80 0.00	43.85 2.98 0.00	38.08 2.75 0.00	37.95 3.07 -0.04	39.93 3.13 0.00	39.73 3.21 0.00	39.92 3.38 -0.23	41.81 3.71 -0.25	42.95 3.65 -3.11	50.88 3.71 -10.47	55.49 4.91 0.00	59.92 4.64 0.00	62.36 4.13 0.00	58.75 3.84 0.00	51.23 3.57 0.00	41.59 2.46 0.00	36.62 2.04 0.00
FARRCKWY_69_KV_BK2 55825	43.05 3.98 -0.01	39.65 3.34 0.00	36.86 2.98 0.00	35.62 2.58 0.00	36.81 2.70 0.00	37.96 2.42 0.00	41.08 2.47 0.00	44.16 2.93 0.00	44.18 3.31 0.00	38.50 3.18 0.00	40.14 3.80 -1.50	43.77 3.94 -3.03	45.90 4.02 -5.37	48.59 4.18 -8.10	51.13 4.50 -8.78	83.88 4.52 -43.18	84.42 4.59 -43.13	96.71 6.22 -39.90	80.96 6.19 -19.49	89.01 5.94 -24.84	60.16 5.22 -0.04	52.27 4.57 -0.04	42.45 3.33 0.00	37.14 2.56 0.00
FENNER___WINDPWR 24204	39.37 0.31 0.00	36.60 0.29 0.00	34.12 0.24 0.00	33.31 0.26 0.00	34.59 0.48 0.00	36.04 0.50 0.00	39.19 0.58 0.00	41.81 0.58 0.00	41.36 0.49 0.00	35.60 0.28 0.00	34.98 0.14 0.00	36.95 0.15 0.00	36.70 0.18 0.00	36.46 0.15 0.00	37.85 0.00 0.00	36.18 0.00 0.00	36.64 -0.04 0.02	50.30 0.15 0.43	55.40 0.61 0.48	58.47 0.81 0.58	55.25 0.82 0.48	47.93 0.62 0.34	39.59 0.47 0.00	34.92 0.35 0.00
FIBERTEK___ENERGY 23856	38.67 -0.39 0.00	35.91 -0.40 0.00	33.54 -0.34 0.00	32.75 -0.30 0.00	33.88 -0.24 0.00	35.33 -0.21 0.00	38.34 -0.27 0.00	40.95 -0.29 0.00	40.62 -0.25 0.00	35.04 -0.28 0.00	34.49 -0.35 0.00	36.43 -0.37 0.00	36.19 -0.33 0.00	35.91 -0.40 0.00	37.32 -0.53 0.00	35.60 -0.58 0.00	36.04 -0.66 0.00	49.73 -0.86 0.00	54.62 -0.66 0.00	57.82 -0.41 0.00	54.47 -0.44 0.00	47.18 -0.48 0.00	38.77 -0.35 0.00	34.27 -0.31 0.00
FITZPATRICK___ 23598	37.81 -1.25 0.00	35.19 -1.13 0.00	32.83 -1.05 0.00	32.06 -0.99 0.00	33.13 -0.99 0.00	34.51 -1.03 0.00	37.41 -1.20 0.00	40.00 -1.24 0.00	39.68 -1.19 0.00	34.26 -1.06 0.00	33.76 -1.08 0.00	35.66 -1.14 0.00	35.39 -1.13 0.00	35.19 -1.13 0.00	36.49 -1.36 0.00	34.81 -1.37 0.00	35.31 -1.39 0.00	48.67 -1.92 0.00	53.29 -1.99 0.00	56.31 -1.92 0.00	53.10 -1.81 0.00	46.03 -1.62 0.00	37.91 -1.21 0.00	33.54 -1.04 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.71 2.66 0.00	38.71 2.40 0.00	36.05 2.17 0.00	35.03 1.98 0.00	36.06 1.94 0.00	37.39 1.85 0.00	40.58 1.97 0.00	43.42 2.19 0.00	43.20 2.33 0.00	37.40 2.08 0.00	37.14 2.30 0.00	39.16 2.36 0.00	38.93 2.41 0.00	38.85 2.54 0.00	40.77 2.91 0.00	41.58 2.93 -2.47	49.79 3.05 -10.04	54.94 4.35 0.00	59.65 4.37 0.00	62.36 4.13 0.00	58.64 3.73 0.00	50.94 3.29 0.00	41.55 2.43 0.00	36.48 1.90 0.00
FORT ORANGE___ 23900	40.39 1.33 0.00	37.55 1.24 0.00	35.06 1.19 0.00	34.17 1.12 0.00	35.24 1.12 0.00	36.61 1.07 0.00	39.65 1.04 0.00	42.19 0.95 0.00	41.60 0.74 0.00	35.96 0.64 0.00	35.47 0.63 0.00	37.50 0.70 0.00	37.21 0.69 0.00	37.00 0.69 0.00	38.76 0.91 0.00	37.23 1.05 0.00	37.84 1.14 0.00	52.10 1.52 0.00	56.82 1.55 0.00	59.92 1.69 0.00	56.50 1.59 0.00	48.99 1.33 0.00	40.22 1.09 0.00	35.58 1.00 0.00
FORT_DRUM_COGEN 23780	39.60 0.55 0.00	36.64 0.33 0.00	34.18 0.30 0.00	33.44 0.40 0.00	35.17 1.06 0.00	36.68 1.14 0.00	40.00 1.39 0.00	42.51 1.28 0.00	41.89 1.02 0.00	35.74 0.42 0.00	34.87 0.03 0.00	36.73 -0.07 0.00	36.37 -0.15 0.00	36.02 -0.29 0.00	37.17 -0.68 0.00	35.46 -0.72 0.00	35.86 -0.84 0.00	50.03 -0.56 0.00	56.11 0.83 0.00	59.40 1.16 0.00	56.44 1.54 0.00	48.80 1.14 0.00	40.02 0.90 0.00	35.27 0.69 0.00
FOX_HILLS___ESR 323835	42.38 3.32 -0.01	39.26 2.94 -0.01	36.50 2.61 -0.01	35.53 2.48 -0.01	36.50 2.39 0.00	37.71 2.17 0.00	40.89 2.28 0.00	44.00 2.76 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.84 3.32 0.00	40.07 3.52 -0.24	42.08 3.97 -0.26	43.17 3.87 -3.11	51.11 3.93 -10.48	55.85 5.26 0.00	59.75 4.48 0.00	62.06 3.90 0.07	58.59 3.68 0.00	51.42 3.76 0.00	41.66 2.54 0.00	36.72 2.14 0.00
FPL_FAR_ROCK_GT1 24212	43.06 3.99 -0.01	39.59 3.27 0.00	36.87 2.98 0.00	35.62 2.58 0.00	36.82 2.69 0.00	37.93 2.38 0.00	41.04 2.43 0.00	44.08 2.84 0.00	43.97 3.10 0.00	38.50 3.18 0.00	40.15 3.80 -1.51	43.78 3.94 -3.04	45.91 4.02 -5.37	48.59 4.17 -8.10	51.21 4.58 -8.78	83.88 4.52 -43.18	84.42 4.59 -43.13	96.71 6.22 -39.90	80.95 6.19 -19.49	89.01 5.94 -24.84	60.22 5.27 -0.04	52.08 4.38 -0.04	42.41 3.29 0.00	37.14 2.56 0.00
FPL_FAR_ROCK_GT2 23815	43.06 3.99 -0.01	39.59 3.27 0.00	36.87 2.98 0.00	35.62 2.58 0.00	36.82 2.69 0.00	37.93 2.38 0.00	41.04 2.43 0.00	44.08 2.84 0.00	43.97 3.10 0.00	38.50 3.18 0.00	40.15 3.80 -1.51	43.78 3.94 -3.04	45.91 4.02 -5.37	48.59 4.17 -8.10	51.21 4.58 -8.78	83.88 4.52 -43.18	84.42 4.59 -43.13	96.71 6.22 -39.90	80.95 6.19 -19.49	89.01 5.94 -24.84	60.22 5.27 -0.04	52.08 4.38 -0.04	42.41 3.29 0.00	37.14 2.56 0.00



FRANKLIN_FALL_HYD 24054	39.02 -0.04 0.00	36.24 -0.07 0.00	33.71 -0.17 0.00	32.85 -0.20 0.00	33.91 -0.20 0.00	35.44 -0.11 0.00	38.53 -0.08 0.00	40.99 -0.25 0.00	40.74 -0.12 0.00	35.07 -0.25 0.00	34.49 -0.35 0.00	36.47 -0.33 0.00	36.01 -0.51 0.00	35.77 -0.54 0.00	37.28 -0.57 0.00	35.60 -0.58 0.00	36.15 -0.55 0.00	49.88 -0.71 0.00	54.67 -0.61 0.00	57.82 -0.41 0.00	54.69 -0.22 0.00	47.41 -0.24 0.00	39.01 -0.12 0.00	34.40 -0.17 0.00
FREEPORT_EQUS_GT1 23764	42.93 3.87 -0.01	39.47 3.16 0.00	36.76 2.88 0.00	35.53 2.48 0.00	36.71 2.59 0.00	37.78 2.24 0.00	40.93 2.32 0.00	43.91 2.68 0.00	43.81 2.94 0.00	38.39 3.07 0.00	40.07 3.73 -1.50	43.70 3.86 -3.03	45.83 3.95 -5.37	48.44 4.07 -8.06	51.09 4.50 -8.73	63.63 4.38 -23.07	65.21 4.44 -24.07	73.12 5.92 -16.62	69.25 5.86 -8.11	74.16 5.59 -10.34	59.80 4.89 -0.01	51.90 4.24 -0.01	42.37 3.25 0.00	37.07 2.49 0.00
FREEPORT___CT2 23818	42.93 3.87 -0.01	39.47 3.16 0.00	36.76 2.88 0.00	35.53 2.48 0.00	36.71 2.59 0.00	37.78 2.24 0.00	40.93 2.32 0.00	43.91 2.68 0.00	43.81 2.94 0.00	38.39 3.07 0.00	40.07 3.73 -1.50	43.70 3.86 -3.03	45.83 3.95 -5.37	48.44 4.07 -8.06	51.09 4.50 -8.73	63.63 4.38 -23.07	65.21 4.44 -24.07	73.12 5.92 -16.62	69.25 5.86 -8.11	74.16 5.59 -10.34	59.80 4.89 -0.01	51.90 4.24 -0.01	42.37 3.25 0.00	37.07 2.49 0.00
FRESHKLS_33_KV_LOAD 356253	42.42 3.36 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.60 2.54 -0.01	36.54 2.42 0.00	37.75 2.20 0.00	40.93 2.32 0.00	44.00 2.76 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.84 3.32 0.00	40.11 3.56 -0.24	42.12 4.01 -0.26	43.21 3.91 -3.11	51.18 4.00 -10.48	55.90 5.31 0.00	59.70 4.42 0.00	62.00 3.84 0.07	58.59 3.68 0.00	51.51 3.86 0.00	41.70 2.58 0.00	36.79 2.21 0.00
FULTON COGEN____ 23766	38.24 -0.82 0.00	35.51 -0.80 0.00	33.17 -0.71 0.00	32.38 -0.66 0.00	33.47 -0.65 0.00	34.90 -0.64 0.00	37.88 -0.73 0.00	40.45 -0.78 0.00	40.13 -0.74 0.00	34.65 -0.67 0.00	34.11 -0.73 0.00	36.03 -0.77 0.00	35.75 -0.77 0.00	35.51 -0.80 0.00	36.90 -0.95 0.00	35.17 -1.01 0.00	35.72 -1.06 -0.08	50.66 -1.42 -1.49	55.61 -1.33 -1.66	59.05 -1.16 -1.98	55.45 -1.10 -1.65	47.78 -1.05 -1.18	38.30 -0.82 0.00	33.92 -0.66 0.00
FULTON___LFGE 323630	41.01 1.95 0.00	38.06 1.74 0.00	35.51 1.63 0.00	34.60 1.55 0.00	35.86 1.74 0.00	37.32 1.78 0.00	40.39 1.78 0.00	42.43 1.20 0.00	41.23 0.37 0.00	35.21 -0.11 0.00	34.53 -0.31 0.00	36.62 -0.18 0.00	36.23 -0.29 0.00	36.06 -0.25 0.00	37.70 -0.15 0.00	36.09 0.04 0.13	36.29 0.11 0.53	51.39 0.81 0.00	57.16 1.88 0.00	61.49 3.26 0.00	58.31 3.41 0.00	50.32 2.67 0.00	41.12 1.99 0.00	36.27 1.69 0.00
G.F.CEMENT___DRP 24184	41.36 2.30 0.00	38.35 2.03 0.00	35.71 1.83 0.00	34.83 1.78 0.00	36.03 1.91 0.00	37.50 1.95 0.00	40.69 2.08 0.00	43.09 1.86 0.00	42.26 1.39 0.00	36.27 0.95 0.00	35.54 0.70 0.00	37.43 0.63 0.00	36.96 0.44 0.00	36.71 0.40 0.00	38.27 0.42 0.00	37.01 0.94 0.12	37.36 1.14 0.48	52.51 1.92 0.00	57.82 2.54 0.00	61.78 3.55 0.00	58.48 3.57 0.00	50.51 2.86 0.00	41.35 2.23 0.00	36.48 1.90 0.00
GARDENVILLE___LBMP 24039	31.38 -3.75 3.93	32.53 -3.45 0.34	30.56 -3.29 0.03	29.81 -3.24 0.00	30.90 -3.21 0.01	32.33 -3.20 0.01	30.96 -3.20 4.45	26.36 -3.05 11.83	26.56 -2.74 11.57	28.85 -2.54 3.93	30.21 -2.75 1.88	31.18 -2.87 2.75	29.56 -2.81 4.15	30.42 -2.87 3.03	29.61 -3.22 5.02	29.41 -3.22 3.55	32.96 -3.52 0.22	34.14 -4.65 11.80	39.34 -4.75 11.19	49.32 -4.31 4.60	46.80 -4.28 3.82	41.05 -3.81 2.79	35.84 -3.29 0.00	31.47 -3.08 0.03
GARDNVLA_35_KV_LD 355827	31.96 -3.67 3.43	32.71 -3.30 0.30	30.70 -3.15 0.03	29.91 -3.14 0.00	31.00 -3.10 0.01	32.44 -3.09 0.01	31.64 -3.09 3.88	27.99 -2.93 10.31	28.08 -2.66 10.13	29.44 -2.44 3.44	30.51 -2.68 1.65	31.64 -2.76 2.40	30.16 -2.74 3.62	30.88 -2.80 2.64	30.34 -3.10 4.40	29.95 -3.11 3.12	33.16 -3.34 0.20	35.54 -4.45 10.59	40.66 -4.53 10.08	49.80 -4.08 4.35	47.23 -4.06 3.62	41.39 -3.62 2.64	35.99 -3.13 0.00	31.61 -2.94 0.03
GELCKHM__115KV_LOAD 80723	38.39 -0.66 0.00	35.66 -0.65 0.00	33.30 -0.58 0.00	32.52 -0.53 0.00	33.64 -0.48 0.00	35.08 -0.46 0.00	38.03 -0.58 0.00	40.66 -0.58 0.00	40.33 -0.53 0.00	34.83 -0.49 0.00	34.28 -0.56 0.00	36.21 -0.59 0.00	35.97 -0.55 0.00	35.70 -0.62 0.00	37.09 -0.76 0.00	35.39 -0.80 0.00	35.78 -0.88 0.04	48.70 -1.16 0.72	53.42 -1.05 0.80	56.40 -0.87 0.96	53.29 -0.82 0.80	46.27 -0.81 0.57	38.50 -0.63 0.00	34.06 -0.52 0.00
GENERAL___MILLS 23808	31.82 -3.67 3.56	32.66 -3.34 0.31	30.67 -3.18 0.03	29.84 -3.21 0.00	30.97 -3.14 0.01	32.40 -3.13 0.01	31.49 -3.09 4.03	27.54 -2.97 10.72	27.69 -2.66 10.52	29.31 -2.44 3.58	30.45 -2.68 1.71	31.51 -2.80 2.49	30.02 -2.74 3.76	30.77 -2.80 2.74	30.18 -3.10 4.57	29.80 -3.15 3.24	33.08 -3.41 0.21	35.16 -4.50 10.92	40.31 -4.59 10.38	49.68 -4.13 4.42	47.12 -4.12 3.67	41.31 -3.67 2.68	35.91 -3.21 0.00	31.54 -3.01 0.03
GE_PLASTICS___DRP 24183	40.15 1.09 0.00	37.37 1.05 0.00	34.90 1.02 0.00	34.00 0.96 0.00	35.07 0.96 0.00	36.43 0.89 0.00	39.50 0.89 0.00	42.10 0.87 0.00	41.56 0.69 0.00	35.96 0.64 0.00	35.50 0.66 0.00	37.50 0.70 0.00	37.25 0.73 0.00	37.04 0.73 0.00	38.72 0.87 0.00	37.04 0.98 0.11	37.26 1.03 0.47	51.90 1.32 0.00	56.61 1.33 0.00	59.57 1.34 0.00	56.11 1.21 0.00	48.70 1.05 0.00	40.02 0.90 0.00	35.37 0.80 0.00
GILBOA___1 23756	40.23 1.17 0.00	37.51 1.20 0.00	35.10 1.22 0.00	34.20 1.16 0.00	35.28 1.16 0.00	36.54 0.99 0.00	39.53 0.93 0.00	42.22 0.99 0.00	41.76 0.90 0.00	36.17 0.85 0.00	35.74 0.90 0.00	37.76 0.96 0.00	37.51 0.99 0.00	37.33 1.02 0.00	39.03 1.17 0.00	36.95 1.19 0.43	36.17 1.21 1.74	52.21 1.62 0.00	56.88 1.60 0.00	59.74 1.51 0.00	56.28 1.37 0.00	48.84 1.19 0.00	40.02 0.90 0.00	35.34 0.76 0.00
GILBOA___2 23757	40.23 1.17 0.00	37.51 1.20 0.00	35.10 1.22 0.00	34.20 1.16 0.00	35.28 1.16 0.00	36.54 0.99 0.00	39.53 0.93 0.00	42.22 0.99 0.00	41.76 0.90 0.00	36.17 0.85 0.00	35.74 0.90 0.00	37.76 0.96 0.00	37.51 0.99 0.00	37.33 1.02 0.00	39.03 1.17 0.00	36.95 1.19 0.43	36.17 1.21 1.74	52.21 1.62 0.00	56.88 1.60 0.00	59.74 1.51 0.00	56.28 1.37 0.00	48.84 1.19 0.00	40.02 0.90 0.00	35.34 0.76 0.00
GILBOA___3 23758	40.23 1.17 0.00	37.51 1.20 0.00	35.10 1.22 0.00	34.20 1.16 0.00	35.28 1.16 0.00	36.54 0.99 0.00	39.53 0.93 0.00	42.22 0.99 0.00	41.76 0.90 0.00	36.17 0.85 0.00	35.74 0.90 0.00	37.76 0.96 0.00	37.51 0.99 0.00	37.33 1.02 0.00	39.03 1.17 0.00	36.95 1.19 0.43	36.17 1.21 1.74	52.21 1.62 0.00	56.88 1.60 0.00	59.74 1.51 0.00	56.28 1.37 0.00	48.84 1.19 0.00	40.02 0.90 0.00	35.34 0.76 0.00

GILBOA___4 23759	40.23 1.17 0.00	37.51 1.20 0.00	35.10 1.22 0.00	34.20 1.16 0.00	35.28 1.16 0.00	36.54 0.99 0.00	39.53 0.93 0.00	42.22 0.99 0.00	41.76 0.90 0.00	36.17 0.85 0.00	35.74 0.90 0.00	37.76 0.96 0.00	37.51 0.99 0.00	37.33 1.02 0.00	39.03 1.17 0.00	36.95 1.19 0.43	36.17 1.21 1.74	52.21 1.62 0.00	56.88 1.60 0.00	59.74 1.51 0.00	56.28 1.37 0.00	48.84 1.19 0.00	40.02 0.90 0.00	35.34 0.76 0.00
GILBOA____ 23599	40.23 1.17 0.00	37.51 1.20 0.00	35.10 1.22 0.00	34.20 1.16 0.00	35.28 1.16 0.00	36.54 1.00 0.00	39.54 0.93 0.00	42.23 0.99 0.00	41.76 0.90 0.00	36.17 0.85 0.00	35.75 0.91 0.00	37.76 0.96 0.00	37.51 0.99 0.00	37.29 0.98 0.00	38.99 1.14 0.00	36.95 1.19 0.43	36.17 1.21 1.74	52.21 1.62 0.00	56.88 1.60 0.00	59.74 1.51 0.00	56.28 1.37 0.00	48.89 1.24 0.00	40.02 0.90 0.00	35.34 0.76 0.00
GINNA____ 23603	34.46 -3.94 0.65	32.81 -3.45 0.06	30.62 -3.25 0.00	30.10 -2.94 0.00	31.18 -2.93 0.00	32.59 -2.95 0.00	34.20 -3.67 0.74	35.65 -3.63 1.96	35.62 -3.35 1.90	31.64 -3.04 0.64	31.33 -3.20 0.31	33.04 -3.31 0.45	32.55 -3.29 0.68	32.44 -3.38 0.50	33.24 -3.75 0.86	31.89 -3.69 0.61	32.86 -3.71 0.14	41.28 -5.36 3.95	46.01 -5.20 4.07	50.00 -4.89 3.33	47.63 -4.50 2.77	41.56 -4.10 2.00	35.95 -3.17 0.00	31.49 -3.08 0.00
GLEN PARK____ 23778	39.72 0.66 0.00	36.78 0.47 0.00	34.29 0.41 0.00	33.54 0.50 0.00	35.41 1.30 0.00	36.86 1.32 0.00	40.15 1.55 0.00	42.68 1.44 0.00	42.05 1.19 0.00	35.85 0.53 0.00	34.94 0.10 0.00	36.80 0.00 0.00	36.45 -0.07 0.00	36.10 -0.22 0.00	37.24 -0.61 0.00	35.53 -0.65 0.00	35.93 -0.77 0.00	50.13 -0.46 0.00	56.33 1.05 0.00	59.63 1.40 0.00	56.72 1.81 0.00	49.04 1.38 0.00	40.22 1.09 0.00	35.41 0.83 0.00
GLENDALE_27_KV_LOAD 356172	42.42 3.36 0.00	39.36 3.05 0.00	36.49 2.61 0.00	35.49 2.45 0.00	36.50 2.39 0.00	37.85 2.31 0.00	41.12 2.51 0.00	44.29 3.05 0.00	44.09 3.23 0.00	38.32 3.00 0.00	38.19 3.31 -0.04	40.22 3.42 0.00	40.03 3.51 0.00	40.22 3.67 -0.24	42.12 4.01 -0.26	43.24 3.94 -3.11	51.17 4.00 -10.47	55.90 5.31 0.00	60.25 4.98 0.00	62.60 4.37 0.00	58.97 4.06 0.00	51.51 3.86 0.00	41.78 2.66 0.00	36.79 2.21 0.00
GLENWOOD_IC_1_G5 23712	42.42 3.36 -0.01	39.18 2.87 0.00	36.42 2.54 0.00	35.29 2.25 0.00	36.40 2.29 0.00	37.64 2.10 0.00	40.81 2.20 0.00	43.88 2.64 0.00	43.81 2.94 0.00	38.11 2.79 0.00	39.62 3.27 -1.50	43.22 3.39 -3.03	45.36 3.47 -5.37	47.96 3.59 -8.05	50.51 3.94 -8.73	59.44 3.94 -19.32	61.22 4.00 -20.51	68.12 5.26 -12.27	66.41 5.14 -5.99	70.70 4.83 -7.64	59.14 4.23 -0.01	51.52 3.86 -0.01	41.90 2.78 0.00	36.76 2.18 0.00
GLENWOOD_IC_2_G1 23688	42.15 3.08 -0.01	38.93 2.62 0.00	36.25 2.37 0.00	35.16 2.12 0.00	36.23 2.12 0.00	37.46 1.92 0.00	40.65 2.04 0.00	43.67 2.43 0.00	43.48 2.62 0.00	37.90 2.58 0.00	39.34 3.00 -1.50	42.92 3.09 -3.03	45.06 3.18 -5.37	47.66 3.30 -8.04	50.31 3.75 -8.72	54.17 3.62 -14.37	56.20 3.67 -15.82	61.98 4.86 -6.54	63.17 4.70 -3.19	66.67 4.37 -4.07	58.81 3.90 0.00	51.09 3.43 0.00	41.63 2.51 0.00	36.58 2.00 0.00
GLENWOOD_IC_3_G1 23689	42.15 3.08 -0.01	38.93 2.62 0.00	36.25 2.37 0.00	35.16 2.12 0.00	36.23 2.12 0.00	37.46 1.92 0.00	40.65 2.04 0.00	43.67 2.43 0.00	43.48 2.62 0.00	37.90 2.58 0.00	39.34 3.00 -1.50	42.92 3.09 -3.03	45.06 3.18 -5.37	47.66 3.30 -8.04	50.31 3.75 -8.72	54.17 3.62 -14.37	56.20 3.67 -15.82	61.98 4.86 -6.54	63.17 4.70 -3.19	66.67 4.37 -4.07	58.81 3.90 0.00	51.09 3.43 0.00	41.63 2.51 0.00	36.58 2.00 0.00
GLENWOOD___4 23550	42.42 3.36 -0.01	39.18 2.87 0.00	36.42 2.54 0.00	35.29 2.25 0.00	36.40 2.29 0.00	37.64 2.10 0.00	40.81 2.20 0.00	43.88 2.64 0.00	43.81 2.94 0.00	38.11 2.79 0.00	39.62 3.27 -1.50	43.22 3.39 -3.03	45.36 3.47 -5.37	47.96 3.59 -8.05	50.51 3.94 -8.73	59.44 3.94 -19.32	61.22 4.00 -20.51	68.12 5.26 -12.27	66.41 5.14 -5.99	70.70 4.83 -7.64	59.14 4.23 -0.01	51.52 3.86 -0.01	41.90 2.78 0.00	36.76 2.18 0.00
GLENWOOD___5 23614	42.42 3.36 -0.01	39.18 2.87 0.00	36.42 2.54 0.00	35.29 2.25 0.00	36.40 2.29 0.00	37.64 2.10 0.00	40.81 2.20 0.00	43.88 2.64 0.00	43.81 2.94 0.00	38.11 2.79 0.00	39.62 3.27 -1.50	43.22 3.39 -3.03	45.36 3.47 -5.37	47.96 3.59 -8.05	50.51 3.94 -8.73	59.44 3.94 -19.32	61.22 4.00 -20.51	68.12 5.26 -12.27	66.41 5.14 -5.99	70.70 4.83 -7.64	59.14 4.23 -0.01	51.52 3.86 -0.01	41.90 2.78 0.00	36.76 2.18 0.00
GLOBAL GREEN_PORT_GT1 23814	43.36 4.30 -0.01	39.83 3.52 0.00	37.13 3.25 0.00	35.72 2.68 0.00	37.12 3.00 0.00	37.92 2.38 0.00	40.93 2.32 0.00	43.84 2.60 0.00	43.73 2.86 0.00	38.85 3.53 0.00	40.98 4.63 -1.50	44.76 4.93 -3.03	46.81 4.93 -5.37	49.07 4.72 -8.03	51.71 5.15 -8.71	51.84 4.85 -10.80	54.29 5.14 -12.44	59.53 6.53 -2.41	62.92 6.46 -1.18	65.67 5.94 -1.50	59.46 4.55 0.01	52.51 4.86 0.01	43.07 3.95 0.00	37.65 3.08 0.00
GLOBE___DSASP 323697	31.38 -4.92 2.76	30.96 -5.12 0.24	29.35 -4.51 0.02	29.51 -3.54 0.00	29.91 -4.20 0.01	31.34 -4.19 0.01	31.20 -4.29 3.12	28.75 -4.16 8.32	29.01 -3.76 8.09	29.14 -3.43 2.75	29.83 -3.69 1.32	31.01 -3.86 1.93	29.77 -3.83 2.91	30.27 -3.92 2.12	29.97 -4.32 3.56	29.07 -4.60 2.52	31.56 -4.95 0.19	34.58 -6.93 9.07	39.10 -7.46 8.72	47.89 -6.17 4.17	45.73 -5.71 3.46	39.79 -5.34 2.53	34.66 -4.46 0.00	30.27 -4.29 0.02
GOETHSLN___LBMP 323567	41.95 2.89 0.00	38.93 2.61 0.00	36.08 2.20 0.00	35.09 2.05 0.00	36.13 2.01 0.00	37.46 1.92 0.00	40.73 2.12 0.00	43.88 2.64 0.00	43.69 2.82 0.00	37.93 2.61 0.00	37.81 2.93 -0.04	39.82 3.02 0.00	39.59 3.07 0.00	39.78 3.23 -0.23	41.66 3.56 -0.25	42.84 3.55 -3.11	50.73 3.56 -10.47	55.29 4.70 0.00	59.70 4.42 0.00	61.95 3.78 0.06	58.53 3.62 0.00	51.04 3.38 0.00	41.43 2.31 0.00	36.48 1.90 0.00
GOLAH___69_KV_TB 1_2 80279	35.50 -2.85 0.70	33.60 -2.65 0.06	31.57 -2.30 0.01	31.00 -2.05 0.00	32.14 -1.98 0.00	33.66 -1.88 0.00	35.38 -2.43 0.79	36.78 -2.35 2.11	36.71 -2.08 2.07	32.67 -1.94 0.70	32.34 -2.16 0.34	34.07 -2.24 0.49	33.59 -2.19 0.74	33.49 -2.29 0.54	34.35 -2.57 0.92	32.85 -2.68 0.65	33.85 -2.72 0.14	42.66 -3.90 4.03	47.44 -3.70 4.14	51.78 -3.14 3.30	49.36 -2.80 2.74	42.86 -2.81 1.98	37.21 -1.92 0.00	32.57 -2.01 0.01
GOODYEAR_LAKE_HYD 323669	40.15 1.09 0.00	37.33 1.02 0.00	34.83 0.95 0.00	33.97 0.93 0.00	35.24 1.13 0.00	36.61 1.07 0.00	40.65 2.05 0.00	43.22 1.98 0.00	43.79 1.59 -1.33	36.69 0.92 -0.45	35.65 0.59 -0.22	37.78 0.66 -0.32	37.69 0.69 -0.48	37.28 0.62 -0.35	38.98 0.53 -0.60	37.15 0.54 -0.43	37.12 0.40 -0.01	53.08 1.32 -1.18	58.00 2.71 -0.02	61.49 3.26 0.00	58.09 3.18 0.00	50.13 2.48 0.00	40.88 1.76 0.00	35.96 1.38 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	39.91 0.27 -0.58	36.62 0.25 -0.05	34.05 0.17 0.00	33.18 0.13 0.00	34.32 0.20 0.00	35.76 0.21 0.00	39.65 0.39 -0.65	43.43 0.45 -1.74	43.09 0.45 -1.77	36.24 0.32 -0.60	35.37 0.24 -0.29	37.48 0.26 -0.42	37.45 0.29 -0.64	37.03 0.25 -0.47	38.89 0.23 -0.81	37.07 0.22 -0.67	37.21 0.11 -0.40	52.07 0.35 -1.13	56.77 0.61 -0.88	58.80 0.87 0.31	55.36 0.71 0.26	48.05 0.57 0.17	39.40 0.27 0.00	34.79 0.21 0.00
GOUDEY___7 23579	39.91 0.27 -0.58	36.62 0.25 -0.05	34.05 0.17 0.00	33.18 0.13 0.00	34.32 0.20 0.00	35.76 0.21 0.00	39.65 0.39 -0.65	43.43 0.45 -1.74	43.09 0.45 -1.77	36.24 0.32 -0.60	35.37 0.24 -0.29	37.48 0.26 -0.42	37.45 0.29 -0.64	37.03 0.25 -0.47	38.89 0.23 -0.81	37.07 0.22 -0.67	37.21 0.11 -0.40	52.07 0.35 -1.13	56.77 0.61 -0.88	58.80 0.87 0.31	55.36 0.71 0.26	48.05 0.57 0.17	39.40 0.27 0.00	34.79 0.21 0.00
GOUDEY___8 23580	39.91 0.27 -0.58	36.62 0.25 -0.05	34.05 0.17 0.00	33.18 0.13 0.00	34.32 0.20 0.00	35.76 0.21 0.00	39.65 0.39 -0.65	43.43 0.45 -1.74	43.09 0.45 -1.77	36.24 0.32 -0.60	35.37 0.24 -0.29	37.48 0.26 -0.42	37.45 0.29 -0.64	37.03 0.25 -0.47	38.89 0.23 -0.81	37.07 0.22 -0.67	37.21 0.11 -0.40	52.07 0.35 -1.13	56.77 0.61 -0.88	58.80 0.87 0.31	55.36 0.71 0.26	48.05 0.57 0.17	39.40 0.27 0.00	34.79 0.21 0.00
GOWANUS_GT1_1 24077	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.82 2.27 0.00	41.00 2.39 0.00	44.16 2.93 0.00	43.97 3.11 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.42 4.19 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT1_2 24078	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.82 2.27 0.00	41.00 2.39 0.00	44.16 2.93 0.00	43.97 3.11 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.42 4.19 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT1_3 24079	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.82 2.27 0.00	41.00 2.39 0.00	44.16 2.93 0.00	43.97 3.11 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.42 4.19 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT1_4 24080	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.82 2.27 0.00	41.00 2.39 0.00	44.16 2.93 0.00	43.97 3.11 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.42 4.19 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT1_5 24084	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.82 2.27 0.00	41.00 2.39 0.00	44.16 2.93 0.00	43.97 3.11 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.42 4.19 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT1_6 24111	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.82 2.27 0.00	41.00 2.39 0.00	44.16 2.93 0.00	43.97 3.11 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.42 4.19 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT1_7 24112	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.82 2.27 0.00	41.00 2.39 0.00	44.16 2.93 0.00	43.97 3.11 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.42 4.19 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT1_8 24113	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.82 2.27 0.00	41.00 2.39 0.00	44.16 2.93 0.00	43.97 3.11 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.42 4.19 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT2_1 24114	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.12 2.89 0.00	43.85 2.98 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.16 4.05 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.70 2.58 0.00	36.79 2.21 0.00
GOWANUS_GT2_2 24115	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.12 2.89 0.00	43.85 2.98 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.16 4.05 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.70 2.58 0.00	36.79 2.21 0.00
GOWANUS_GT2_3 24116	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.12 2.89 0.00	43.85 2.98 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.16 4.05 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.70 2.58 0.00	36.79 2.21 0.00
GOWANUS_GT2_4 24117	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.12 2.89 0.00	43.85 2.98 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.16 4.05 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.70 2.58 0.00	36.79 2.21 0.00

GOWANUS_GT2_5 24118	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.12 2.89 0.00	43.85 2.98 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.16 4.05 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.70 2.58 0.00	36.79 2.21 0.00
GOWANUS_GT2_6 24119	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.12 2.89 0.00	43.85 2.98 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.16 4.05 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.70 2.58 0.00	36.79 2.21 0.00
GOWANUS_GT2_7 24120	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.12 2.89 0.00	43.85 2.98 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.16 4.05 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.70 2.58 0.00	36.79 2.21 0.00
GOWANUS_GT2_8 24121	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.12 2.89 0.00	43.85 2.98 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.16 4.05 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.70 2.58 0.00	36.79 2.21 0.00
GOWANUS_GT3_1 24122	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT3_2 24123	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT3_3 24124	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT3_4 24125	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT3_5 24126	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT3_6 24127	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT3_7 24128	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT3_8 24129	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT4_1 24130	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.16 2.93 0.00	43.93 3.06 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.36 4.13 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT4_2 24131	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.16 2.93 0.00	43.93 3.06 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.36 4.13 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT4_3 24132	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.16 2.93 0.00	43.93 3.06 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.36 4.13 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00

GOWANUS_GT4_4 24133	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.16 2.93 0.00	43.93 3.06 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.36 4.13 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT4_5 24134	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.16 2.93 0.00	43.93 3.06 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.36 4.13 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT4_6 24135	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.16 2.93 0.00	43.93 3.06 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.36 4.13 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT4_7 24136	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.16 2.93 0.00	43.93 3.06 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.36 4.13 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GOWANUS_GT4_8 24137	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	40.96 2.36 0.00	44.16 2.93 0.00	43.93 3.06 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.11 3.31 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.18 4.00 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.36 4.13 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GREENBSH_115KV_TB3 55895	40.15 1.09 0.00	37.40 1.09 0.00	34.90 1.02 0.00	34.00 0.96 0.00	35.07 0.96 0.00	36.43 0.89 0.00	39.50 0.89 0.00	42.06 0.82 0.00	41.56 0.69 0.00	35.96 0.64 0.00	35.47 0.63 0.00	37.50 0.70 0.00	37.21 0.69 0.00	37.00 0.69 0.00	38.68 0.83 0.00	37.07 0.98 0.08	37.39 1.03 0.35	51.90 1.32 0.00	56.61 1.33 0.00	59.57 1.34 0.00	56.11 1.21 0.00	48.70 1.05 0.00	40.06 0.94 0.00	35.41 0.83 0.00
GREENDGE_115KV_TB5 80291	44.85 0.16 -5.63	36.90 0.11 -0.48	33.89 -0.03 -0.04	32.98 -0.07 0.00	34.24 0.10 -0.02	35.81 0.25 -0.02	45.53 0.54 -6.38	58.69 0.49 -16.96	57.77 0.33 -16.57	40.95 0.00 -5.63	37.33 -0.21 -2.69	40.57 -0.18 -3.95	42.41 -0.07 -5.97	40.52 -0.15 -4.35	45.06 -0.23 -7.43	41.26 -0.18 -5.25	36.46 -0.37 -0.12	64.51 0.00 -13.92	68.46 0.61 -12.57	61.63 1.40 -2.00	57.72 1.15 -1.66	49.79 0.86 -1.28	39.47 0.35 0.00	34.79 0.17 -0.04
GREENIDGE___3 23582	44.85 0.16 -5.63	36.90 0.11 -0.48	33.89 -0.03 -0.04	32.98 -0.07 0.00	34.24 0.10 -0.02	35.81 0.25 -0.02	45.53 0.54 -6.38	58.69 0.49 -16.96	57.77 0.33 -16.57	40.95 0.00 -5.63	37.33 -0.21 -2.69	40.57 -0.18 -3.95	42.41 -0.07 -5.97	40.52 -0.15 -4.35	45.06 -0.23 -7.43	41.26 -0.18 -5.25	36.46 -0.37 -0.12	64.51 0.00 -13.92	68.46 0.61 -12.57	61.63 1.40 -2.00	57.72 1.15 -1.66	49.79 0.86 -1.28	39.47 0.35 0.00	34.79 0.17 -0.04
GREENIDGE___4 23583	44.85 0.16 -5.63	36.94 0.15 -0.48	33.89 -0.03 -0.04	32.98 -0.07 0.00	34.24 0.10 -0.02	35.81 0.25 -0.02	45.53 0.54 -6.38	58.69 0.50 -16.96	57.81 0.37 -16.57	40.95 0.00 -5.63	37.33 -0.21 -2.69	40.57 -0.18 -3.95	42.41 -0.07 -5.97	40.52 -0.14 -4.35	45.02 -0.26 -7.43	41.22 -0.22 -5.25	36.46 -0.37 -0.12	64.46 -0.05 -13.92	68.46 0.61 -12.57	61.58 1.34 -2.00	57.72 1.15 -1.66	49.84 0.90 -1.28	39.51 0.39 0.00	34.79 0.17 -0.04
GREENLWN_69_KV_BK 3 55738	42.62 3.55 -0.01	39.25 2.94 0.00	36.52 2.64 0.00	35.23 2.18 0.00	36.47 2.35 0.00	37.53 1.99 0.00	40.54 1.93 0.00	43.59 2.35 0.00	43.64 2.78 0.00	38.11 2.79 0.00	39.83 3.48 -1.50	43.44 3.61 -3.03	45.54 3.65 -5.37	48.12 3.78 -8.04	50.65 4.09 -8.71	51.59 4.05 -11.35	53.59 3.93 -12.96	58.44 4.81 -3.04	61.35 4.59 -1.48	64.32 4.19 -1.89	58.25 3.35 0.00	51.51 3.86 0.00	42.10 2.97 0.00	36.86 2.28 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.82 2.27 0.00	41.00 2.39 0.00	44.16 2.93 0.00	43.97 3.11 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.42 4.19 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00
GRISSOM___SOLAR 323813	41.01 1.95 0.00	38.09 1.78 0.00	35.51 1.63 0.00	34.60 1.55 0.00	35.82 1.71 0.00	37.32 1.78 0.00	40.35 1.74 0.00	42.39 1.15 0.00	41.23 0.37 0.00	35.21 -0.11 0.00	34.53 -0.31 0.00	36.58 -0.22 0.00	36.23 -0.29 0.00	36.06 -0.25 0.00	37.70 -0.15 0.00	36.09 0.04 0.13	36.31 0.15 0.54	51.39 0.81 0.00	57.10 1.82 0.00	61.31 3.08 0.00	58.20 3.29 0.00	50.27 2.62 0.00	41.08 1.96 0.00	36.24 1.66 0.00
GROVEVILLE___HYD 323602	41.71 2.66 0.00	38.71 2.40 0.00	36.05 2.17 0.00	35.03 1.98 0.00	36.06 1.94 0.00	37.39 1.85 0.00	40.58 1.97 0.00	43.42 2.19 0.00	43.20 2.33 0.00	37.40 2.08 0.00	37.14 2.30 0.00	39.16 2.36 0.00	38.93 2.41 0.00	38.85 2.54 0.00	40.77 2.91 0.00	41.58 2.93 -2.47	49.79 3.05 -10.04	54.94 4.35 0.00	59.65 4.37 0.00	62.36 4.13 0.00	58.64 3.73 0.00	50.94 3.29 0.00	41.55 2.43 0.00	36.48 1.90 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.67 -0.39 0.00	35.91 -0.40 0.00	33.54 -0.34 0.00	32.75 -0.30 0.00	33.88 -0.24 0.00	35.33 -0.21 0.00	38.34 -0.27 0.00	40.95 -0.29 0.00	40.62 -0.25 0.00	35.04 -0.28 0.00	34.49 -0.35 0.00	36.43 -0.37 0.00	36.19 -0.33 0.00	35.91 -0.40 0.00	37.32 -0.53 0.00	35.60 -0.58 0.00	36.04 -0.66 0.00	49.73 -0.86 0.00	54.62 -0.66 0.00	57.82 -0.41 0.00	54.47 -0.44 0.00	47.18 -0.48 0.00	38.77 -0.35 0.00	34.27 -0.31 0.00
HAMLTNNY_34_KV_TB 80303	38.59 -0.47 0.00	35.88 -0.44 0.00	33.47 -0.41 0.00	32.68 -0.36 0.00	33.81 -0.31 0.00	35.29 -0.25 0.00	38.26 -0.35 0.00	40.86 -0.37 0.00	40.58 -0.29 0.00	34.97 -0.35 0.00	34.39 -0.45 0.00	36.36 -0.44 0.00	36.12 -0.40 0.00	35.84 -0.47 0.00	37.25 -0.61 0.00	35.50 -0.69 0.00	35.97 -0.73 0.00	49.63 -0.96 0.00	54.50 -0.77 0.00	57.82 -0.41 0.00	54.52 -0.38 0.00	47.18 -0.48 0.00	38.77 -0.35 0.00	34.27 -0.31 0.00

HAMPSHIRE___PAPER_HYD 323593	38.79 -0.27 0.00	35.91 -0.40 0.00	33.47 -0.41 0.00	32.68 -0.36 0.00	34.05 -0.07 0.00	35.54 0.00 0.00	38.84 0.23 0.00	41.24 0.00 0.00	40.74 -0.12 0.00	34.90 -0.42 0.00	34.18 -0.66 0.00	36.06 -0.74 0.00	35.68 -0.84 0.00	35.37 -0.94 0.00	36.60 -1.25 0.00	34.92 -1.27 0.00	35.35 -1.36 0.00	49.07 -1.52 0.00	54.56 -0.72 0.00	57.65 -0.58 0.00	54.69 -0.22 0.00	47.42 -0.24 0.00	38.93 -0.19 0.00	34.41 -0.17 0.00
HARDSCRABBLE_WT_PWR 323673	39.64 0.59 0.00	36.78 0.47 0.00	34.29 0.41 0.00	33.44 0.40 0.00	34.66 0.54 0.00	36.08 0.53 0.00	39.19 0.58 0.00	41.89 0.66 0.00	41.48 0.61 0.00	35.85 0.53 0.00	35.36 0.52 0.00	37.35 0.55 0.00	37.14 0.62 0.00	36.93 0.62 0.00	38.49 0.64 0.00	36.80 0.61 0.00	37.25 0.55 0.00	51.45 0.86 0.00	56.44 1.16 0.00	59.51 1.28 0.00	56.28 1.37 0.00	48.84 1.19 0.00	40.18 1.06 0.00	35.51 0.93 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	41.48 2.42 0.00	38.49 2.18 0.00	35.81 1.93 0.00	34.83 1.78 0.00	35.82 1.71 0.00	37.18 1.63 0.00	40.35 1.74 0.00	43.26 2.02 0.00	42.99 2.13 0.00	37.30 1.98 0.00	37.03 2.19 0.00	39.04 2.24 0.00	38.82 2.30 0.00	38.75 2.43 0.00	40.65 2.80 0.00	41.30 2.82 -2.30	48.91 2.86 -9.34	54.58 4.00 0.00	59.20 3.92 0.00	61.84 3.61 0.00	58.20 3.29 0.00	50.56 2.91 0.00	41.24 2.11 0.00	36.20 1.63 0.00
HARSNRAD_115KV_TB1 81005	31.93 -4.45 2.68	31.98 -4.10 0.23	30.20 -3.66 0.02	29.38 -3.67 0.00	30.70 -3.41 0.01	32.16 -3.38 0.01	31.76 -3.82 3.03	29.52 -3.67 8.05	29.55 -3.31 8.01	29.56 -3.04 2.72	30.23 -3.31 1.30	31.47 -3.46 1.88	30.26 -3.43 2.83	30.73 -3.52 2.06	30.45 -3.90 3.51	29.76 -3.94 2.48	32.15 -4.37 0.19	35.91 -5.72 8.96	40.70 -5.97 8.61	48.21 -5.88 4.14	45.92 -5.55 3.44	40.04 -5.10 2.51	35.29 -3.83 0.00	30.93 -3.63 0.02
HARZA MOOSE___RIVER 24016	39.33 0.27 0.00	36.42 0.11 0.00	33.95 0.07 0.00	33.14 0.10 0.00	34.53 0.41 0.00	36.00 0.46 0.00	39.19 0.58 0.00	41.77 0.54 0.00	41.27 0.41 0.00	35.43 0.11 0.00	34.74 -0.10 0.00	36.62 -0.18 0.00	36.30 -0.22 0.00	35.99 -0.33 0.00	37.28 -0.57 0.00	35.60 -0.58 0.00	36.08 -0.62 0.00	50.08 -0.51 0.00	55.61 0.33 0.00	58.64 0.41 0.00	55.57 0.66 0.00	48.13 0.48 0.00	39.47 0.35 0.00	34.85 0.28 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.39 -0.66 0.00	35.66 -0.65 0.00	33.30 -0.58 0.00	32.52 -0.53 0.00	33.64 -0.48 0.00	35.08 -0.46 0.00	38.03 -0.58 0.00	40.66 -0.58 0.00	40.38 -0.49 0.00	34.86 -0.46 0.00	34.32 -0.52 0.00	36.25 -0.55 0.00	35.97 -0.55 0.00	35.73 -0.58 0.00	37.13 -0.72 0.00	35.42 -0.76 0.00	35.81 -0.84 0.05	48.60 -1.11 0.88	53.25 -1.05 0.97	56.25 -0.82 1.16	53.12 -0.82 0.97	46.15 -0.81 0.69	38.50 -0.63 0.00	34.06 -0.52 0.00
HELLGATE_13_KV_LD 55870	42.42 3.36 0.00	39.36 3.05 0.00	36.49 2.61 0.00	35.49 2.45 0.00	36.50 2.39 0.00	37.82 2.27 0.00	41.08 2.47 0.00	44.29 3.05 0.00	44.09 3.23 0.00	38.32 3.00 0.00	38.19 3.31 -0.04	40.22 3.42 0.00	40.03 3.51 0.00	40.22 3.67 -0.24	42.12 4.01 -0.26	43.24 3.94 -3.11	51.17 4.00 -10.47	55.90 5.31 0.00	60.14 4.86 0.00	62.54 4.31 0.00	58.92 4.01 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.42 3.36 0.00	39.36 3.05 0.00	36.49 2.61 0.00	35.49 2.45 0.00	36.50 2.39 0.00	37.82 2.27 0.00	41.08 2.47 0.00	44.29 3.05 0.00	44.09 3.23 0.00	38.32 3.00 0.00	38.19 3.31 -0.04	40.22 3.42 0.00	40.03 3.51 0.00	40.22 3.67 -0.24	42.12 4.01 -0.26	43.24 3.94 -3.11	51.17 4.00 -10.47	55.90 5.31 0.00	60.14 4.86 0.00	62.54 4.31 0.00	58.92 4.01 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
HEMPSTEAD___ 23647	42.50 3.44 -0.01	39.11 2.80 0.00	36.42 2.54 0.00	35.23 2.18 0.00	36.37 2.25 0.00	37.50 1.95 0.00	40.62 2.01 0.00	43.63 2.39 0.00	43.48 2.62 0.00	38.08 2.76 0.00	39.69 3.34 -1.50	43.29 3.46 -3.03	45.43 3.54 -5.37	48.03 3.67 -8.05	50.67 4.09 -8.73	60.00 3.94 -19.87	61.75 4.00 -21.04	68.81 5.31 -12.92	66.78 5.19 -6.30	71.16 4.89 -8.04	59.20 4.29 -0.01	51.38 3.72 -0.01	41.90 2.78 0.00	36.72 2.14 0.00
HICKLING___1 23621	40.96 -0.39 -2.29	36.15 -0.36 -0.20	33.42 -0.47 -0.02	32.48 -0.56 0.00	33.68 -0.44 -0.01	35.19 -0.36 -0.01	41.16 -0.04 -2.59	48.09 -0.04 -6.90	47.56 -0.08 -6.78	37.34 -0.28 -2.30	35.52 -0.42 -1.10	38.01 -0.40 -1.62	38.63 -0.33 -2.44	37.73 -0.36 -1.78	40.42 -0.49 -3.06	37.99 -0.43 -2.24	36.40 -0.66 -0.35	55.31 -0.51 -5.23	59.70 -0.17 -4.59	58.78 0.41 -0.14	55.25 0.22 -0.12	47.87 0.10 -0.12	38.81 -0.31 0.00	34.21 -0.38 -0.02
HICKLING___2 23622	40.96 -0.39 -2.29	36.15 -0.36 -0.20	33.42 -0.47 -0.02	32.48 -0.56 0.00	33.68 -0.44 -0.01	35.19 -0.36 -0.01	41.16 -0.04 -2.59	48.09 -0.04 -6.90	47.56 -0.08 -6.78	37.34 -0.28 -2.30	35.52 -0.42 -1.10	38.01 -0.40 -1.62	38.63 -0.33 -2.44	37.73 -0.36 -1.78	40.42 -0.49 -3.06	37.99 -0.43 -2.24	36.40 -0.66 -0.35	55.31 -0.51 -5.23	59.70 -0.17 -4.59	58.78 0.41 -0.14	55.25 0.22 -0.12	47.87 0.10 -0.12	38.81 -0.31 0.00	34.21 -0.38 -0.02
HIGH FALLS___HY 23754	41.63 2.58 0.00	38.60 2.29 0.00	35.95 2.07 0.00	34.93 1.88 0.00	35.92 1.81 0.00	37.28 1.74 0.00	40.42 1.81 0.00	43.30 2.06 0.00	43.44 2.57 0.00	37.62 2.30 0.00	37.35 2.51 0.00	39.38 2.58 0.00	39.15 2.63 0.00	39.11 2.80 0.00	41.11 3.26 -1.91	41.24 3.15 -7.77	47.74 3.27 0.00	55.65 5.06 0.00	60.42 5.14 0.00	63.06 4.83 0.00	59.35 4.45 0.00	51.47 3.81 0.00	41.90 2.78 0.00	36.65 2.07 0.00
HIGH_RIVER___SOLAR 323847	40.62 1.56 0.00	37.73 1.41 0.00	35.20 1.32 0.00	34.30 1.26 0.00	35.45 1.33 0.00	36.89 1.35 0.00	39.96 1.35 0.00	42.27 1.03 0.00	41.32 0.45 0.00	35.46 0.14 0.00	34.91 0.07 0.00	36.95 0.15 0.00	36.63 0.11 0.00	36.42 0.11 0.00	38.15 0.30 0.00	36.51 0.47 0.14	36.68 0.55 0.58	51.75 1.16 0.00	56.99 1.72 0.00	60.62 2.39 0.00	57.32 2.41 0.00	49.61 1.95 0.00	40.61 1.49 0.00	35.86 1.28 0.00
HILLBURN___GT 23639	41.56 2.50 0.00	38.53 2.22 0.00	35.88 2.00 0.00	34.90 1.85 0.00	35.89 1.77 0.00	37.21 1.67 0.00	40.42 1.82 0.00	43.42 2.18 0.00	43.15 2.29 0.00	37.51 2.19 0.00	37.28 2.44 0.00	39.34 2.54 0.00	39.11 2.59 0.00	39.07 2.76 0.00	41.03 3.18 0.00	41.61 3.07 -2.36	49.41 3.12 -9.59	54.78 4.20 0.00	59.26 3.98 0.00	61.90 3.67 0.00	58.20 3.29 0.00	50.61 2.96 0.00	41.23 2.11 0.00	36.27 1.69 0.00
HILLSIDE_115KV_TB1 80332	40.28 -0.62 -1.85	35.93 -0.54 -0.16	33.22 -0.68 -0.01	32.29 -0.76 0.00	33.47 -0.65 -0.01	34.94 -0.60 -0.01	40.39 -0.31 -2.09	46.52 -0.29 -5.57	46.02 -0.33 -5.48	36.76 -0.42 -1.86	35.21 -0.52 -0.89	37.56 -0.55 -1.31	38.02 -0.47 -1.97	37.24 -0.51 -1.44	39.72 -0.61 -2.48	37.47 -0.54 -1.83	36.29 -0.77 -0.36	53.97 -0.76 -4.14	58.33 -0.55 -3.61	58.11 -0.12 0.01	54.63 -0.27 0.01	47.39 -0.29 -0.03	38.50 -0.63 0.00	33.97 -0.62 -0.01

HISHELDN_WT_PWR 323625	28.06 -3.28 7.72	32.71 -2.94 0.66	30.91 -2.91 0.06	30.20 -2.84 0.00	31.29 -2.80 0.03	32.74 -2.77 0.03	26.97 -2.90 8.74	15.15 -2.84 23.24	15.41 -2.78 22.68	24.96 -2.65 7.71	28.33 -2.82 3.69	28.49 -2.91 5.40	25.55 -2.81 8.16	27.54 -2.83 5.94	24.72 -3.10 10.03	26.05 -3.04 7.09	33.09 -3.30 0.31	24.92 -4.25 21.41	31.19 -4.15 19.94	48.18 -3.78 6.27	46.13 -3.57 5.21	40.66 -3.15 3.85	36.27 -2.85 0.00	31.79 -2.73 0.06
HOLTSVILLE_IC_1 23690	43.05 3.99 -0.01	39.58 3.27 0.00	36.89 3.01 0.00	35.59 2.54 0.00	36.85 2.73 0.00	37.78 2.24 0.00	40.77 2.16 0.00	43.63 2.39 0.00	43.52 2.65 0.00	38.36 3.04 0.00	40.18 3.83 -1.50	43.69 3.86 -3.03	45.76 3.87 -5.37	48.31 3.96 -8.03	51.02 4.46 -8.71	51.20 4.27 -10.75	53.39 4.29 -12.40	58.36 5.42 -2.36	61.68 5.25 -1.15	64.59 4.89 -1.46	58.86 3.96 0.01	51.70 4.05 0.01	42.45 3.32 0.00	37.20 2.63 0.00
HOLTSVILLE_IC_10 23699	43.32 4.26 -0.01	39.80 3.49 0.00	37.10 3.22 0.00	35.79 2.74 0.00	37.05 2.93 0.00	37.96 2.42 0.00	40.96 2.36 0.00	43.84 2.60 0.00	43.73 2.86 0.00	38.57 3.25 0.00	40.42 4.07 -1.50	43.95 4.12 -3.03	46.05 4.16 -5.37	48.59 4.25 -8.03	51.33 4.77 -8.71	51.68 4.52 -10.98	53.94 4.62 -12.61	59.07 5.87 -2.62	62.31 5.75 -1.28	65.27 5.42 -1.62	59.24 4.34 0.00	52.03 4.38 0.00	42.72 3.60 0.00	37.41 2.84 0.00
HOLTSVILLE_IC_2 23691	43.05 3.99 -0.01	39.58 3.27 0.00	36.89 3.01 0.00	35.59 2.54 0.00	36.85 2.73 0.00	37.78 2.24 0.00	40.77 2.16 0.00	43.63 2.39 0.00	43.52 2.65 0.00	38.36 3.04 0.00	40.18 3.83 -1.50	43.69 3.86 -3.03	45.76 3.87 -5.37	48.31 3.96 -8.03	51.02 4.46 -8.71	51.20 4.27 -10.75	53.39 4.29 -12.40	58.36 5.42 -2.36	61.68 5.25 -1.15	64.59 4.89 -1.46	58.86 3.96 0.01	51.70 4.05 0.01	42.45 3.32 0.00	37.20 2.63 0.00
HOLTSVILLE_IC_3 23692	43.05 3.99 -0.01	39.58 3.27 0.00	36.89 3.01 0.00	35.59 2.54 0.00	36.85 2.73 0.00	37.78 2.24 0.00	40.77 2.16 0.00	43.63 2.39 0.00	43.52 2.65 0.00	38.36 3.04 0.00	40.18 3.83 -1.50	43.69 3.86 -3.03	45.76 3.87 -5.37	48.31 3.96 -8.03	51.02 4.46 -8.71	51.20 4.27 -10.75	53.39 4.29 -12.40	58.36 5.42 -2.36	61.68 5.25 -1.15	64.59 4.89 -1.46	58.86 3.96 0.01	51.70 4.05 0.01	42.45 3.32 0.00	37.20 2.63 0.00
HOLTSVILLE_IC_4 23693	43.05 3.99 -0.01	39.58 3.27 0.00	36.89 3.01 0.00	35.59 2.54 0.00	36.85 2.73 0.00	37.78 2.24 0.00	40.77 2.16 0.00	43.63 2.39 0.00	43.52 2.65 0.00	38.36 3.04 0.00	40.18 3.83 -1.50	43.69 3.86 -3.03	45.76 3.87 -5.37	48.31 3.96 -8.03	51.02 4.46 -8.71	51.20 4.27 -10.75	53.39 4.29 -12.40	58.36 5.42 -2.36	61.68 5.25 -1.15	64.59 4.89 -1.46	58.86 3.96 0.01	51.70 4.05 0.01	42.45 3.32 0.00	37.20 2.63 0.00
HOLTSVILLE_IC_5 23694	43.05 3.99 -0.01	39.58 3.27 0.00	36.89 3.01 0.00	35.59 2.54 0.00	36.85 2.73 0.00	37.78 2.24 0.00	40.77 2.16 0.00	43.63 2.39 0.00	43.52 2.65 0.00	38.36 3.04 0.00	40.18 3.83 -1.50	43.69 3.86 -3.03	45.76 3.87 -5.37	48.31 3.96 -8.03	51.02 4.46 -8.71	51.20 4.27 -10.75	53.39 4.29 -12.40	58.36 5.42 -2.36	61.68 5.25 -1.15	64.59 4.89 -1.46	58.86 3.96 0.01	51.70 4.05 0.01	42.45 3.32 0.00	37.20 2.63 0.00
HOLTSVILLE_IC_6 23695	43.32 4.26 -0.01	39.80 3.49 0.00	37.10 3.22 0.00	35.79 2.74 0.00	37.05 2.93 0.00	37.96 2.42 0.00	40.96 2.36 0.00	43.84 2.60 0.00	43.73 2.86 0.00	38.57 3.25 0.00	40.42 4.07 -1.50	43.95 4.12 -3.03	46.05 4.16 -5.37	48.59 4.25 -8.03	51.33 4.77 -8.71	51.68 4.52 -10.98	53.94 4.62 -12.61	59.07 5.87 -2.62	62.31 5.75 -1.28	65.27 5.42 -1.62	59.24 4.34 0.00	52.03 4.38 0.00	42.72 3.60 0.00	37.41 2.84 0.00
HOLTSVILLE_IC_7 23696	43.32 4.26 -0.01	39.80 3.49 0.00	37.10 3.22 0.00	35.79 2.74 0.00	37.05 2.93 0.00	37.96 2.42 0.00	40.96 2.36 0.00	43.84 2.60 0.00	43.73 2.86 0.00	38.57 3.25 0.00	40.42 4.07 -1.50	43.95 4.12 -3.03	46.05 4.16 -5.37	48.59 4.25 -8.03	51.33 4.77 -8.71	51.68 4.52 -10.98	53.94 4.62 -12.61	59.07 5.87 -2.62	62.31 5.75 -1.28	65.27 5.42 -1.62	59.24 4.34 0.00	52.03 4.38 0.00	42.72 3.60 0.00	37.41 2.84 0.00
HOLTSVILLE_IC_8 23697	43.32 4.26 -0.01	39.80 3.49 0.00	37.10 3.22 0.00	35.79 2.74 0.00	37.05 2.93 0.00	37.96 2.42 0.00	40.96 2.36 0.00	43.84 2.60 0.00	43.73 2.86 0.00	38.57 3.25 0.00	40.42 4.07 -1.50	43.95 4.12 -3.03	46.05 4.16 -5.37	48.59 4.25 -8.03	51.33 4.77 -8.71	51.68 4.52 -10.98	53.94 4.62 -12.61	59.07 5.87 -2.62	62.31 5.75 -1.28	65.27 5.42 -1.62	59.24 4.34 0.00	52.03 4.38 0.00	42.72 3.60 0.00	37.41 2.84 0.00
HOLTSVILLE_IC_9 23698	43.32 4.26 -0.01	39.80 3.49 0.00	37.10 3.22 0.00	35.79 2.74 0.00	37.05 2.93 0.00	37.96 2.42 0.00	40.96 2.36 0.00	43.84 2.60 0.00	43.73 2.86 0.00	38.57 3.25 0.00	40.42 4.07 -1.50	43.95 4.12 -3.03	46.05 4.16 -5.37	48.59 4.25 -8.03	51.33 4.77 -8.71	51.68 4.52 -10.98	53.94 4.62 -12.61	59.07 5.87 -2.62	62.31 5.75 -1.28	65.27 5.42 -1.62	59.24 4.34 0.00	52.03 4.38 0.00	42.72 3.60 0.00	37.41 2.84 0.00
HOMER_HL_115KV_TB2 355744	33.86 -2.23 2.97	34.10 -1.96 0.26	31.15 -2.71 0.02	29.84 -3.21 0.00	30.93 -3.17 0.01	32.33 -3.20 0.01	33.59 -1.66 3.36	30.91 -1.40 8.92	30.90 -1.23 8.74	31.22 -1.13 2.97	32.09 -1.32 1.42	33.36 -1.36 2.07	32.07 -1.31 3.13	32.69 -1.34 2.28	32.50 -1.55 3.80	31.90 -1.59 2.69	34.17 -2.35 0.18	38.98 -2.33 9.28	44.09 -2.32 8.86	52.25 -2.04 3.94	48.94 -2.69 3.27	43.51 -1.76 2.38	35.88 -3.25 0.00	32.03 -2.52 0.02
HOWARD_WT_PWR 323690	49.05 -1.76 -11.75	35.72 -1.60 -1.01	32.27 -1.69 -0.09	31.29 -1.75 0.00	32.52 -1.64 -0.04	34.02 -1.56 -0.04	50.48 -1.43 -13.30	74.89 -1.73 -35.39	73.47 -1.92 -34.52	45.08 -1.98 -11.73	38.33 -2.13 -5.61	42.94 -2.10 -8.23	47.09 -1.86 -12.43	43.56 -1.81 -9.06	51.39 -1.93 -15.47	45.31 -1.81 -10.93	34.92 -2.05 -0.27	77.62 -2.28 -29.31	80.21 -1.66 -26.59	62.06 -0.82 -4.64	58.05 -0.72 -3.85	49.84 -0.76 -2.95	38.07 -1.05 0.00	33.52 -1.14 -0.09
HQ_GEN_CEDARS 23644	38.82 -0.23 0.00	36.10 -0.22 0.00	33.61 -0.27 0.00	32.78 -0.26 0.00	33.88 -0.24 0.00	35.40 -0.14 0.00	38.49 -0.12 0.00	40.95 -0.29 0.00	40.66 -0.20 0.00	35.00 -0.32 0.00	34.42 -0.42 0.00	36.40 -0.40 0.00	36.01 -0.51 0.00	35.77 -0.54 0.00	37.28 -0.57 0.00	35.57 -0.62 0.00	36.12 -0.59 0.00	49.78 -0.81 0.00	54.45 -0.83 0.00	57.36 -0.87 0.00	54.25 -0.66 0.00	47.18 -0.48 0.00	38.85 -0.27 0.00	34.34 -0.24 0.00
HQ_GEN_CEDARS_PROXY 323590	38.82 -0.23 0.00	36.06 -0.25 0.00	33.61 -0.27 0.00	32.78 -0.27 0.00	33.88 -0.24 0.00	35.40 -0.14 0.00	38.49 -0.12 0.00	40.95 -0.29 0.00	40.66 -0.20 0.00	35.00 -0.32 0.00	34.42 -0.42 0.00	36.43 -0.37 0.00	36.01 -0.51 0.00	35.77 -0.54 0.00	37.28 -0.57 0.00	35.57 -0.62 0.00	36.11 -0.59 0.00	49.78 -0.81 0.00	54.45 -0.83 0.00	57.36 -0.87 0.00	54.25 -0.66 0.00	47.18 -0.48 0.00	38.81 -0.31 0.00	34.34 -0.24 0.00

HQ_GEN_CHPE_PROXY 323851	42.06 3.01 0.00	39.00 2.69 0.00	36.25 2.37 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.57 2.02 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.68 2.82 0.00	38.04 2.72 0.00	37.88 3.00 -0.04	39.89 3.09 0.00	39.69 3.18 0.00	39.85 3.30 -0.24	41.85 3.75 -0.25	42.91 3.62 -3.11	50.84 3.67 -10.47	55.44 4.86 0.00	59.86 4.59 0.00	62.31 4.07 0.00	58.69 3.79 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.00 0.00
HQ_GEN_IMPORT 323601	38.82 -0.23 0.00	36.06 -0.25 0.00	33.64 -0.24 0.00	32.82 -0.23 0.00	33.88 -0.24 0.00	35.37 -0.18 0.00	38.49 -0.12 0.00	41.07 -0.16 0.00	40.74 -0.12 0.00	35.18 -0.14 0.00	34.70 -0.14 0.00	36.65 -0.15 0.00	36.34 -0.18 0.00	36.13 -0.18 0.00	37.66 -0.19 0.00	35.97 -0.22 0.00	36.52 -0.18 0.00	50.34 -0.25 0.00	55.00 -0.28 0.00	57.94 -0.29 0.00	54.63 -0.27 0.00	47.46 -0.19 0.00	39.01 -0.12 0.00	34.47 -0.10 0.00
HQ_GEN_WHEEL 23651	38.82 -0.23 0.00	36.06 -0.25 0.00	33.64 -0.24 0.00	32.82 -0.23 0.00	33.88 -0.24 0.00	35.37 -0.18 0.00	38.49 -0.12 0.00	41.07 -0.16 0.00	40.74 -0.12 0.00	35.18 -0.14 0.00	34.70 -0.14 0.00	36.65 -0.15 0.00	36.34 -0.18 0.00	36.13 -0.18 0.00	37.66 -0.19 0.00	35.97 -0.22 0.00	36.52 -0.18 0.00	50.34 -0.25 0.00	55.00 -0.28 0.00	57.94 -0.29 0.00	54.63 -0.27 0.00	47.46 -0.19 0.00	39.01 -0.12 0.00	34.47 -0.10 0.00
HUDSON_AVE_GT_3 23810	42.18 3.12 0.00	39.15 2.83 0.00	36.32 2.44 0.00	35.29 2.25 0.00	36.33 2.22 0.00	37.67 2.13 0.00	40.96 2.36 0.00	44.08 2.85 0.00	43.93 3.06 0.00	38.15 2.83 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	40.00 3.45 -0.23	41.89 3.79 -0.25	43.02 3.73 -3.11	50.95 3.78 -10.47	55.60 5.01 0.00	60.03 4.75 0.00	62.48 4.25 0.00	58.86 3.95 0.00	51.32 3.67 0.00	41.67 2.54 0.00	36.65 2.07 0.00
HUDSON_AVE_GT_4 23540	42.18 3.12 0.00	39.15 2.83 0.00	36.32 2.44 0.00	35.29 2.25 0.00	36.33 2.22 0.00	37.67 2.13 0.00	40.96 2.36 0.00	44.08 2.85 0.00	43.93 3.06 0.00	38.15 2.83 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	40.00 3.45 -0.23	41.89 3.79 -0.25	43.02 3.73 -3.11	50.95 3.78 -10.47	55.60 5.01 0.00	60.03 4.75 0.00	62.48 4.25 0.00	58.86 3.95 0.00	51.32 3.67 0.00	41.67 2.54 0.00	36.65 2.07 0.00
HUDSON_AVE_GT_5 23657	42.18 3.12 0.00	39.15 2.83 0.00	36.32 2.44 0.00	35.29 2.25 0.00	36.33 2.22 0.00	37.67 2.13 0.00	40.96 2.36 0.00	44.08 2.85 0.00	43.93 3.06 0.00	38.15 2.83 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	40.00 3.45 -0.23	41.89 3.79 -0.25	43.02 3.73 -3.11	50.95 3.78 -10.47	55.60 5.01 0.00	60.03 4.75 0.00	62.48 4.25 0.00	58.86 3.95 0.00	51.32 3.67 0.00	41.67 2.54 0.00	36.65 2.07 0.00
HUDSON_AVE_I0 24168	42.10 3.05 0.00	39.07 2.76 0.00	36.25 2.37 0.00	35.23 2.18 0.00	36.27 2.15 0.00	37.60 2.06 0.00	40.93 2.32 0.00	44.08 2.85 0.00	43.89 3.02 0.00	38.11 2.79 0.00	37.95 3.07 -0.04	40.00 3.20 0.00	39.77 3.25 0.00	39.92 3.38 -0.23	41.81 3.71 -0.25	42.98 3.69 -3.11	50.92 3.74 -10.47	55.60 5.01 0.00	60.03 4.75 0.00	62.48 4.25 0.00	58.86 3.95 0.00	51.27 3.62 0.00	41.63 2.50 0.00	36.62 2.04 0.00
HUDSON___115KV_TB 4 355613	40.89 1.84 0.00	38.02 1.71 0.00	35.47 1.59 0.00	34.57 1.52 0.00	35.62 1.50 0.00	37.00 1.46 0.00	40.08 1.47 0.00	42.47 1.24 0.00	41.81 0.94 0.00	36.03 0.71 0.00	35.47 0.63 0.00	37.50 0.70 0.00	37.18 0.66 0.00	37.00 0.69 0.00	38.72 0.87 0.00	37.49 1.23 -0.08	38.42 1.39 -0.32	52.51 1.92 0.00	57.49 2.21 0.00	60.85 2.62 0.00	57.43 2.53 0.00	49.70 2.05 0.00	40.80 1.68 0.00	35.99 1.42 0.00
HUNTER MOUNT___DRP 323613	40.93 1.87 0.00	38.06 1.74 0.00	35.51 1.63 0.00	34.60 1.55 0.00	35.65 1.54 0.00	37.00 1.46 0.00	40.04 1.43 0.00	42.35 1.11 0.00	41.64 0.78 0.00	35.85 0.53 0.00	35.29 0.45 0.00	37.32 0.52 0.00	36.99 0.47 0.00	36.78 0.47 0.00	38.57 0.72 0.00	37.73 1.23 -0.32	39.39 1.39 -1.29	52.46 1.87 0.00	57.55 2.27 0.00	60.91 2.68 0.00	57.49 2.58 0.00	49.75 2.10 0.00	40.88 1.76 0.00	36.03 1.45 0.00
HUNTINGTON_RES_REC 323705	42.97 3.91 -0.01	39.47 3.16 0.00	36.76 2.88 0.00	35.49 2.45 0.00	36.71 2.59 0.00	37.67 2.13 0.00	40.69 2.08 0.00	43.63 2.39 0.00	43.52 2.65 0.00	38.32 3.00 0.00	40.11 3.76 -1.50	43.69 3.86 -3.03	45.80 3.91 -5.37	48.38 4.03 -8.03	51.02 4.46 -8.71	51.55 4.34 -11.03	53.65 4.29 -12.66	58.62 5.36 -2.67	61.77 5.19 -1.30	64.72 4.83 -1.66	58.86 3.96 0.00	51.70 4.05 0.00	42.37 3.25 0.00	37.10 2.52 0.00
HUNTLEY___63 23557	31.90 -4.22 2.94	31.99 -4.07 0.25	30.20 -3.66 0.02	29.71 -3.34 0.00	30.63 -3.48 0.01	32.08 -3.45 0.01	31.69 -3.59 0.01	28.97 -3.42 3.33	29.06 -3.11 8.85	29.54 -2.83 8.70	30.32 -3.10 2.96	31.54 -3.20 1.41	30.20 -3.21 2.06	30.78 -3.27 3.10	30.42 -3.63 2.26	29.73 -3.76 3.80	32.40 -4.11 2.69	35.63 -5.46 9.50	40.44 -5.75 9.09	48.94 -5.07 4.22	46.57 -4.83 3.51	40.61 -4.48 2.56	35.52 -3.60 0.00	31.06 -3.49 0.02
HUNTLEY___64 23558	31.90 -4.22 2.94	31.99 -4.07 0.25	30.20 -3.66 0.02	29.71 -3.34 0.00	30.63 -3.48 0.01	32.08 -3.45 0.01	31.69 -3.59 0.01	28.97 -3.42 3.33	29.06 -3.11 8.85	29.54 -2.83 8.70	30.32 -3.10 2.96	31.54 -3.20 1.41	30.20 -3.21 2.06	30.78 -3.27 3.10	30.42 -3.63 2.26	29.73 -3.76 3.80	32.40 -4.11 2.69	35.63 -5.46 9.50	40.44 -5.75 9.09	48.94 -5.07 4.22	46.57 -4.83 3.51	40.61 -4.48 2.56	35.52 -3.60 0.00	31.06 -3.49 0.02
HUNTLEY___65 23559	31.90 -4.22 2.94	31.99 -4.07 0.25	30.20 -3.66 0.02	29.71 -3.34 0.00	30.63 -3.48 0.01	32.08 -3.45 0.01	31.69 -3.59 0.01	28.97 -3.42 3.33	29.06 -3.11 8.85	29.54 -2.83 8.70	30.32 -3.10 2.96	31.54 -3.20 1.41	30.20 -3.21 2.06	30.78 -3.27 3.10	30.42 -3.63 2.26	29.73 -3.76 3.80	32.40 -4.11 2.69	35.63 -5.46 9.50	40.44 -5.75 9.09	48.94 -5.07 4.22	46.57 -4.83 3.51	40.61 -4.48 2.56	35.52 -3.60 0.00	31.06 -3.49 0.02
HUNTLEY___66 23560	31.90 -4.22 2.94	31.99 -4.07 0.25	30.20 -3.66 0.02	29.71 -3.34 0.00	30.63 -3.48 0.01	32.08 -3.45 0.01	31.69 -3.59 0.01	28.97 -3.42 3.33	29.06 -3.11 8.85	29.54 -2.83 8.70	30.32 -3.10 2.96	31.54 -3.20 1.41	30.20 -3.21 2.06	30.78 -3.27 3.10	30.42 -3.63 2.26	29.73 -3.76 3.80	32.40 -4.11 2.69	35.63 -5.46 9.50	40.44 -5.75 9.09	48.94 -5.07 4.22	46.57 -4.83 3.51	40.61 -4.48 2.56	35.52 -3.60 0.00	31.06 -3.49 0.02
HUNTLEY___67 23561	31.42 -4.30 3.34	32.07 -3.96 0.29	30.23 -3.63 0.02	29.64 -3.40 0.00	30.69 -3.41 0.01	32.12 -3.41 0.01	31.12 -3.71 3.78	27.60 -3.59 10.05	27.85 -3.23 9.79	29.03 -2.97 3.33	30.04 -3.21 1.59	31.12 -3.35 2.33	29.71 -3.29 3.52	30.37 -3.38 2.57	29.97 -3.71 4.17	29.46 -3.76 2.96	32.57 -3.93 0.20	34.92 -5.46 10.20	39.84 -5.69 9.74	48.61 -5.24 4.38	46.27 -5.00 3.64	40.42 -4.57 2.65	35.56 -3.56 0.00	31.13 -3.42 0.02



HUNTLEY___68 23562	31.42 -4.30 3.34	32.07 -3.96 0.29	30.23 -3.63 0.02	29.64 -3.40 0.00	30.69 -3.41 0.01	32.12 -3.41 0.01	31.12 -3.71 3.78	27.60 -3.59 10.05	27.85 -3.23 9.79	29.03 -2.97 3.33	30.04 -3.21 1.59	31.12 -3.35 2.33	29.71 -3.29 3.52	30.37 -3.38 2.57	29.97 -3.71 4.17	29.46 -3.76 2.96	32.57 -3.93 0.20	34.92 -5.46 10.20	39.84 -5.69 9.74	48.61 -5.24 4.38	46.27 -5.00 3.64	40.42 -4.57 2.65	35.56 -3.56 0.00	31.13 -3.42 0.02
HYLAND___LFGE 323620	48.55 -0.94 -10.44	36.52 -0.69 -0.89	33.11 -0.85 -0.08	32.35 -0.70 0.00	33.64 -0.51 -0.04	35.29 -0.29 -0.04	49.92 -0.50 -11.81	71.87 -0.78 -31.42	70.28 -1.22 -30.64	44.07 -1.66 -10.41	37.69 -2.13 -4.98	41.83 -2.28 -7.31	45.40 -2.15 -11.03	42.18 -2.18 -8.04	49.30 -2.27 -13.72	43.78 -2.10 -9.70	34.82 -2.09 -0.21	73.43 -2.48 -25.32	76.90 -1.22 -22.84	61.75 0.29 -3.23	58.30 0.71 -2.68	50.16 0.43 -2.08	39.12 0.00 0.00	34.20 -0.45 -0.08
INDECK___CORINTH 23802	40.85 1.80 0.00	37.87 1.56 0.00	35.30 1.42 0.00	34.40 1.36 0.00	35.58 1.47 0.00	37.03 1.49 0.00	40.19 1.58 0.00	42.56 1.32 0.00	41.76 0.90 0.00	35.85 0.53 0.00	35.12 0.28 0.00	36.95 0.15 0.00	36.45 -0.07 0.00	36.20 -0.11 0.00	37.78 -0.08 0.00	36.53 0.47 0.12	36.87 0.66 0.49	51.90 1.31 0.00	57.10 1.82 0.00	61.03 2.79 0.00	57.76 2.85 0.00	49.85 2.19 0.00	40.80 1.68 0.00	36.03 1.45 0.00
INDECK___ILION 23567	39.49 0.43 0.00	36.71 0.40 0.00	34.25 0.37 0.00	33.41 0.36 0.00	34.56 0.44 0.00	35.97 0.43 0.00	39.07 0.46 0.00	41.73 0.49 0.00	41.32 0.45 0.00	35.71 0.39 0.00	35.22 0.38 0.00	37.20 0.40 0.00	36.96 0.44 0.00	36.75 0.44 0.00	38.31 0.45 0.00	36.62 0.43 0.00	37.11 0.40 0.00	51.24 0.66 0.00	56.11 0.83 0.00	59.10 0.87 0.00	55.79 0.88 0.00	48.42 0.76 0.00	39.79 0.67 0.00	35.17 0.59 0.00
INDECK___OLEAN 23982	33.87 -2.22 2.97	33.84 -2.22 0.26	31.15 -2.71 0.02	29.84 -3.20 0.00	30.93 -3.17 0.01	32.33 -3.20 0.01	33.59 -1.66 3.36	30.95 -1.36 8.92	30.90 -1.22 8.74	31.22 -1.13 2.97	32.09 -1.32 1.42	33.37 -1.36 2.07	32.08 -1.31 3.13	32.65 -1.38 2.28	32.46 -1.59 3.80	31.90 -1.59 2.69	34.17 -2.35 0.18	38.93 -2.38 9.28	44.10 -2.32 8.86	52.02 -2.27 3.94	48.94 -2.69 3.27	43.65 -1.62 2.38	36.07 -3.05 0.00	32.03 -2.52 0.02
INDECK___OSWEGO 23783	38.12 -0.94 0.00	35.44 -0.87 0.00	33.07 -0.81 0.00	32.29 -0.76 0.00	33.40 -0.72 0.00	34.83 -0.71 0.00	37.76 -0.85 0.00	40.37 -0.87 0.00	40.01 -0.86 0.00	34.51 -0.81 0.00	33.97 -0.87 0.00	35.88 -0.92 0.00	35.61 -0.91 0.00	35.37 -0.94 0.00	36.68 -1.17 0.00	35.02 -1.16 0.00	35.64 -1.21 -0.14	51.61 -1.62 -2.64	56.67 -1.55 -2.94	60.28 -1.45 -3.51	56.50 -1.32 -2.91	48.50 -1.24 -2.09	38.22 -0.90 0.00	33.82 -0.76 0.00
INDECK___YERKES 23781	31.90 -4.22 2.94	32.25 -3.81 0.25	30.20 -3.66 0.02	29.74 -3.30 0.00	30.66 -3.44 0.01	32.12 -3.41 0.01	31.69 -3.59 3.33	29.05 -3.34 8.85	29.14 -3.02 8.70	29.57 -2.79 2.96	30.36 -3.07 1.41	31.54 -3.20 2.06	30.24 -3.18 3.10	30.78 -3.27 2.26	30.42 -3.63 3.80	29.77 -3.73 2.69	32.43 -4.08 0.19	35.63 -5.46 9.50	40.49 -5.69 9.09	48.94 -5.07 4.22	46.62 -4.78 3.51	40.52 -4.57 2.56	35.49 -3.64 0.00	31.10 -3.46 0.02
INDIAN POINT_GT_1 24139	41.63 2.58 0.00	38.67 2.36 0.00	35.95 2.07 0.00	34.96 1.92 0.00	35.96 1.84 0.00	37.32 1.78 0.00	40.54 1.93 0.00	43.50 2.27 0.00	43.28 2.41 0.00	37.58 2.26 0.00	37.35 2.51 0.00	39.38 2.58 0.00	39.19 2.67 0.00	39.11 2.80 0.00	40.95 3.10 0.00	41.82 3.11 -2.53	50.14 3.16 -10.28	54.74 4.15 0.00	59.26 3.98 0.00	61.84 3.61 0.00	58.20 3.29 0.00	50.66 3.00 0.00	41.27 2.15 0.00	36.31 1.73 0.00
INDIAN POINT_GT_2 23659	41.63 2.58 0.00	38.67 2.36 0.00	35.95 2.07 0.00	34.96 1.92 0.00	35.96 1.84 0.00	37.32 1.78 0.00	40.54 1.93 0.00	43.50 2.27 0.00	43.28 2.41 0.00	37.58 2.26 0.00	37.35 2.51 0.00	39.38 2.58 0.00	39.19 2.67 0.00	39.11 2.80 0.00	40.95 3.10 0.00	41.82 3.11 -2.53	50.14 3.16 -10.28	54.74 4.15 0.00	59.26 3.98 0.00	61.84 3.61 0.00	58.20 3.29 0.00	50.66 3.00 0.00	41.27 2.15 0.00	36.31 1.73 0.00
INDIAN POINT_GT_3 24019	41.63 2.58 0.00	38.67 2.36 0.00	35.95 2.07 0.00	34.96 1.92 0.00	35.96 1.84 0.00	37.32 1.78 0.00	40.54 1.93 0.00	43.50 2.27 0.00	43.28 2.41 0.00	37.58 2.26 0.00	37.35 2.51 0.00	39.38 2.58 0.00	39.19 2.67 0.00	39.11 2.80 0.00	40.95 3.10 0.00	41.82 3.11 -2.53	50.14 3.16 -10.28	54.74 4.15 0.00	59.26 3.98 0.00	61.84 3.61 0.00	58.20 3.29 0.00	50.66 3.00 0.00	41.27 2.15 0.00	36.31 1.73 0.00
INDIAN POINT___2 23530	41.59 2.54 0.00	38.53 2.22 0.00	35.88 2.00 0.00	34.90 1.85 0.00	35.89 1.77 0.00	37.25 1.71 0.00	40.46 1.85 0.00	43.42 2.18 0.00	43.15 2.29 0.00	37.55 2.23 0.00	37.31 2.47 0.00	39.34 2.54 0.00	39.11 2.59 0.00	39.07 2.76 0.00	40.99 3.14 0.00	41.72 3.07 -2.46	49.85 3.12 -10.03	54.68 4.10 0.00	59.20 3.93 0.00	61.78 3.55 0.00	58.09 3.18 0.00	50.56 2.91 0.00	41.19 2.07 0.00	36.27 1.69 0.00
INDIAN POINT___3 23531	41.60 2.54 0.00	38.60 2.29 0.00	35.88 2.00 0.00	34.90 1.85 0.00	35.92 1.81 0.00	37.25 1.71 0.00	40.46 1.85 0.00	43.46 2.23 0.00	43.24 2.37 0.00	37.55 2.23 0.00	37.31 2.47 0.00	39.34 2.54 0.00	39.11 2.59 0.00	39.07 2.76 0.00	40.92 3.07 0.00	41.75 3.04 -2.53	50.08 3.08 -10.29	54.68 4.10 0.00	59.20 3.92 0.00	61.78 3.55 0.00	58.09 3.18 0.00	50.61 2.95 0.00	41.24 2.11 0.00	36.27 1.69 0.00
INDIANHDD_69_KV_BK1 55831	43.13 4.06 -0.01	39.69 3.38 0.00	36.93 3.05 0.00	35.59 2.54 0.00	36.88 2.76 0.00	37.89 2.35 0.00	40.89 2.28 0.00	43.88 2.64 0.00	44.01 3.15 0.00	38.46 3.14 0.00	40.25 3.90 -1.50	43.84 4.01 -3.03	45.94 4.05 -5.37	48.52 4.18 -8.03	51.14 4.58 -8.71	51.68 4.49 -11.01	53.86 4.51 -12.64	58.85 5.62 -2.65	62.10 5.53 -1.29	65.00 5.12 -1.64	58.80 3.90 0.00	52.13 4.48 0.00	42.60 3.48 0.00	37.24 2.66 0.00
INGHAM_C_115KV_TB7 356103	39.96 0.90 0.00	37.08 0.76 0.00	34.56 0.68 0.00	33.74 0.69 0.00	34.94 0.82 0.00	36.36 0.82 0.00	39.50 0.89 0.00	42.23 0.99 0.00	41.85 0.98 0.00	36.13 0.81 0.00	35.64 0.80 0.00	37.65 0.85 0.00	37.40 0.88 0.00	37.22 0.91 0.00	38.80 0.95 0.00	37.05 0.87 0.00	37.51 0.81 0.00	51.80 1.21 0.00	56.83 1.55 0.00	59.92 1.69 0.00	56.66 1.76 0.00	49.18 1.52 0.00	40.45 1.33 0.00	35.75 1.18 0.00
IP CORINTH___1 23988	41.05 1.99 0.00	38.09 1.78 0.00	35.44 1.56 0.00	34.57 1.52 0.00	35.75 1.64 0.00	37.21 1.67 0.00	40.38 1.78 0.00	42.76 1.53 0.00	41.97 1.10 0.00	36.03 0.71 0.00	35.29 0.45 0.00	37.13 0.33 0.00	36.63 0.11 0.00	36.39 0.07 0.00	37.89 0.04 0.00	36.71 0.65 0.12	37.05 0.84 0.49	52.16 1.57 0.00	57.38 2.10 0.00	61.37 3.14 0.00	58.09 3.18 0.00	50.13 2.48 0.00	41.04 1.92 0.00	36.20 1.63 0.00

IP___TICONDEROGA 23804	42.73 3.67 0.00	39.58 3.27 0.00	36.79 2.91 0.00	35.89 2.84 0.00	37.19 3.07 0.00	38.78 3.23 0.00	42.01 3.40 0.00	44.20 2.97 0.00	43.15 2.29 0.00	36.80 1.48 0.00	35.88 1.05 0.00	37.87 1.07 0.00	37.25 0.73 0.00	37.00 0.69 0.00	38.57 0.72 0.00	37.33 1.27 0.12	37.76 1.54 0.48	53.32 2.73 0.00	59.15 3.87 0.00	64.00 5.76 0.00	60.84 5.93 0.00	52.42 4.77 0.00	42.72 3.60 0.00	37.65 3.08 0.00
ISLIP_RES_REC 323679	43.52 4.45 -0.01	39.98 3.67 0.00	37.27 3.39 0.00	35.92 2.87 0.00	37.19 3.07 0.00	38.10 2.56 0.00	41.12 2.51 0.00	44.04 2.81 0.00	43.93 3.07 0.00	38.78 3.46 0.00	40.63 4.28 -1.50	44.17 4.34 -3.03	46.27 4.38 -5.37	48.81 4.47 -8.03	51.56 5.00 -8.71	52.09 4.78 -11.13	54.34 4.88 -12.76	59.61 6.22 -2.80	62.84 6.19 -1.37	65.79 5.82 -1.73	59.63 4.72 0.00	52.32 4.67 0.00	42.92 3.79 0.00	37.58 3.01 0.00
JAMAICA__27_KV_LOAD 355505	42.38 3.32 0.00	39.33 3.01 0.00	36.45 2.57 0.00	35.39 2.35 0.00	36.44 2.32 0.00	37.85 2.31 0.00	41.23 2.63 0.00	44.49 3.26 0.00	44.34 3.47 0.00	38.46 3.14 0.00	38.26 3.38 -0.04	40.37 3.57 0.00	40.17 3.65 0.00	40.21 3.67 -0.23	42.12 4.01 -0.25	43.24 3.94 -3.11	51.32 4.15 -10.47	56.15 5.56 0.00	60.75 5.47 0.00	63.06 4.83 0.00	59.52 4.61 0.00	51.80 4.15 0.00	41.94 2.82 0.00	36.82 2.25 0.00
JANIS___SOLAR 323808	40.73 0.70 -0.97	37.05 0.65 -0.08	34.46 0.58 -0.01	33.61 0.56 0.00	35.04 0.92 0.00	36.58 1.03 0.00	40.91 1.20 -1.10	45.23 1.07 -2.92	44.57 0.69 -3.01	36.41 0.07 -1.02	35.16 -0.17 -0.49	37.30 -0.22 -0.72	37.46 -0.15 -1.08	36.96 -0.14 -0.79	38.91 -0.30 -1.36	36.89 -0.25 -0.96	36.42 -0.29 -0.01	53.16 0.31 -2.27	58.53 1.38 -1.87	60.30 2.09 0.02	56.92 2.03 0.02	49.28 1.62 0.00	40.26 1.14 0.00	35.41 0.83 -0.01
JARVIS____ 23743	39.25 0.20 0.00	36.50 0.18 0.00	34.05 0.17 0.00	33.21 0.17 0.00	34.32 0.21 0.00	35.68 0.14 0.00	38.76 0.16 0.00	41.40 0.17 0.00	40.99 0.12 0.00	35.43 0.11 0.00	34.94 0.10 0.00	36.91 0.11 0.00	36.63 0.11 0.00	36.42 0.11 0.00	38.00 0.15 0.00	36.33 0.15 0.00	36.85 0.15 0.00	50.79 0.20 0.00	55.50 0.22 0.00	58.46 0.23 0.00	55.13 0.22 0.00	47.80 0.14 0.00	39.28 0.16 0.00	34.72 0.14 0.00
JENNISON___1 23625	40.60 0.98 -0.57	37.27 0.91 -0.05	34.73 0.85 0.00	33.87 0.83 0.00	35.31 1.19 0.00	36.79 1.24 0.00	40.64 1.39 -0.64	44.35 1.40 -1.72	43.97 1.10 -2.00	36.53 0.53 -0.68	35.44 0.28 -0.33	37.57 0.29 -0.48	37.60 0.37 -0.72	37.13 0.29 -0.52	38.95 0.19 -0.91	37.04 0.22 -0.64	36.81 0.11 0.00	52.85 0.86 -1.41	58.22 1.99 -0.95	60.47 2.45 0.20	57.15 2.42 0.17	49.45 1.91 0.11	40.41 1.29 0.00	35.62 1.04 0.00
JENNISON___2 23626	40.60 0.98 -0.57	37.27 0.91 -0.05	34.73 0.85 0.00	33.87 0.83 0.00	35.31 1.19 0.00	36.79 1.24 0.00	40.64 1.39 -0.64	44.35 1.40 -1.72	43.97 1.10 -2.00	36.53 0.53 -0.68	35.44 0.28 -0.33	37.57 0.29 -0.48	37.60 0.37 -0.72	37.13 0.29 -0.52	38.95 0.19 -0.91	37.04 0.22 -0.64	36.81 0.11 0.00	52.85 0.86 -1.41	58.22 1.99 -0.95	60.47 2.45 0.20	57.15 2.42 0.17	49.45 1.91 0.11	40.41 1.29 0.00	35.62 1.04 0.00
JERICHO_RISE_WT_PWR 323719	38.70 -0.35 0.00	35.91 -0.40 0.00	33.47 -0.41 0.00	32.62 -0.43 0.00	33.61 -0.51 0.00	35.12 -0.42 0.00	38.15 -0.46 0.00	40.66 -0.58 0.00	40.38 -0.49 0.00	34.86 -0.46 0.00	34.32 -0.52 0.00	36.28 -0.52 0.00	35.86 -0.66 0.00	35.66 -0.65 0.00	37.17 -0.68 0.00	35.53 -0.65 0.00	36.08 -0.62 0.00	49.78 -0.81 0.00	54.50 -0.77 0.00	57.47 -0.76 0.00	54.30 -0.60 0.00	47.18 -0.48 0.00	38.69 -0.43 0.00	34.16 -0.41 0.00
KATONAH___115KV_46KV_TB4 355592	41.87 2.81 0.00	38.89 2.58 0.00	36.15 2.27 0.00	35.16 2.11 0.00	36.20 2.08 0.00	37.57 2.03 0.00	40.81 2.20 0.00	43.75 2.52 0.00	43.52 2.66 0.00	37.72 2.40 0.00	37.49 2.65 0.00	39.56 2.76 0.00	39.33 2.81 0.00	39.29 2.98 0.00	41.11 3.26 0.00	42.02 3.22 -2.62	50.66 3.30 -10.65	54.99 4.40 0.00	59.65 4.37 0.00	62.25 4.02 0.00	58.53 3.62 0.00	50.85 3.19 0.00	41.47 2.35 0.00	36.48 1.90 0.00
KCE_NY_1 323755	41.16 2.11 0.00	38.24 1.92 0.00	35.67 1.79 0.00	34.76 1.72 0.00	35.92 1.81 0.00	37.35 1.81 0.00	40.58 1.97 0.00	43.05 1.81 0.00	42.33 1.47 0.00	36.48 1.16 0.00	35.85 1.01 0.00	37.90 1.10 0.00	37.51 0.99 0.00	37.29 0.98 0.00	38.99 1.13 0.00	37.41 1.34 0.12	37.70 1.47 0.48	52.81 2.22 0.00	57.88 2.60 0.00	61.43 3.20 0.00	58.04 3.13 0.00	50.22 2.57 0.00	41.12 1.99 0.00	36.34 1.76 0.00
KCE_NY_6_ESR 323823	31.82 -3.67 3.56	32.81 -3.20 0.31	30.67 -3.19 0.03	29.84 -3.20 0.00	30.97 -3.14 0.01	32.40 -3.13 0.01	31.48 -3.09 4.03	27.62 -2.89 10.72	27.73 -2.62 10.52	29.31 -2.44 3.58	30.45 -2.68 1.71	31.51 -2.80 2.49	30.02 -2.74 3.76	30.74 -2.83 2.74	30.10 -3.18 4.57	29.80 -3.15 3.24	33.04 -3.45 0.21	35.11 -4.55 10.92	40.36 -4.53 10.38	49.56 -4.25 4.42	47.12 -4.12 3.67	41.50 -3.48 2.68	35.95 -3.17 0.00	31.54 -3.01 0.03
KEDC_PORT_JEFF_GT2 24210	43.25 4.18 -0.01	39.76 3.45 0.00	37.06 3.18 0.00	35.72 2.68 0.00	36.98 2.87 0.00	37.92 2.38 0.00	40.89 2.28 0.00	43.79 2.56 0.00	43.68 2.82 0.00	38.50 3.18 0.00	40.35 4.00 -1.50	43.88 4.05 -3.03	45.98 4.09 -5.37	48.52 4.17 -8.03	51.25 4.69 -8.71	51.56 4.49 -10.89	53.78 4.55 -12.53	58.87 5.76 -2.52	62.15 5.64 -1.23	65.09 5.30 -1.56	59.13 4.23 0.00	51.98 4.34 0.00	42.64 3.52 0.00	37.38 2.80 0.00
KEDC_PORT_JEFF_GT3 24211	43.25 4.18 -0.01	39.76 3.45 0.00	37.06 3.18 0.00	35.72 2.68 0.00	36.98 2.87 0.00	37.92 2.38 0.00	40.89 2.28 0.00	43.79 2.56 0.00	43.68 2.82 0.00	38.50 3.18 0.00	40.35 4.00 -1.50	43.88 4.05 -3.03	45.98 4.09 -5.37	48.52 4.17 -8.03	51.25 4.69 -8.71	51.56 4.49 -10.89	53.78 4.55 -12.53	58.87 5.76 -2.52	62.15 5.64 -1.23	65.09 5.30 -1.56	59.13 4.23 0.00	51.98 4.34 0.00	42.64 3.52 0.00	37.38 2.80 0.00
KEDC_GLWD_GT4 24219	42.43 3.36 -0.01	39.11 2.80 0.00	36.42 2.54 0.00	35.29 2.25 0.00	36.40 2.29 0.00	37.60 2.06 0.00	40.77 2.16 0.00	43.79 2.56 0.00	43.65 2.78 0.00	38.11 2.79 0.00	39.62 3.27 -1.50	43.22 3.38 -3.03	45.36 3.47 -5.37	47.96 3.60 -8.05	50.63 4.05 -8.73	59.44 3.94 -19.32	61.18 3.97 -20.51	68.12 5.26 -12.27	66.41 5.14 -5.99	70.70 4.83 -7.64	59.20 4.29 -0.01	51.38 3.72 -0.01	41.86 2.74 0.00	36.76 2.18 0.00
KEDC_GLWD_GT5 24220	42.43 3.36 -0.01	39.11 2.80 0.00	36.42 2.54 0.00	35.29 2.25 0.00	36.40 2.29 0.00	37.60 2.06 0.00	40.77 2.16 0.00	43.79 2.56 0.00	43.65 2.78 0.00	38.11 2.79 0.00	39.62 3.27 -1.50	43.22 3.38 -3.03	45.36 3.47 -5.37	47.96 3.60 -8.05	50.63 4.05 -8.73	59.44 3.94 -19.32	61.18 3.97 -20.51	68.12 5.26 -12.27	66.41 5.14 -5.99	70.70 4.83 -7.64	59.20 4.29 -0.01	51.38 3.72 -0.01	41.86 2.74 0.00	36.76 2.18 0.00

KENSICO____ 23655	41.79 2.73 0.00	38.78 2.47 0.00	36.05 2.17 0.00	35.06 2.02 0.00	36.06 1.94 0.00	37.43 1.88 0.00	40.65 2.05 0.00	43.67 2.43 0.00	43.44 2.57 0.00	37.72 2.40 0.00	37.52 2.68 0.00	39.56 2.76 0.00	39.33 2.81 0.00	39.29 2.98 0.00	41.14 3.29 0.00	42.00 3.26 -2.56	50.44 3.30 -10.43	54.94 4.35 0.00	59.48 4.20 0.00	62.02 3.78 0.00	58.37 3.46 0.00	50.85 3.19 0.00	41.39 2.27 0.00	36.41 1.83 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.56 2.50 0.00	38.56 2.25 0.00	35.88 2.00 0.00	34.90 1.85 0.00	35.89 1.77 0.00	37.21 1.67 0.00	40.38 1.78 0.00	43.22 1.98 0.00	43.20 2.33 0.00	37.37 2.05 0.00	37.10 2.26 0.00	39.12 2.32 0.00	38.89 2.37 0.00	38.82 2.51 0.00	40.77 2.91 0.00	41.02 2.89 -1.95	47.63 3.01 -7.92	55.14 4.55 0.00	59.92 4.64 0.00	62.66 4.43 0.00	58.97 4.06 0.00	51.13 3.48 0.00	41.67 2.54 0.00	36.48 1.90 0.00
KIAC_JFK_GT1 23816	42.14 3.09 0.00	39.11 2.80 0.00	36.25 2.37 0.00	35.23 2.18 0.00	36.23 2.12 0.00	37.64 2.10 0.00	41.00 2.39 0.00	44.25 3.01 0.00	44.09 3.23 0.00	38.25 2.93 0.00	38.05 3.17 -0.04	40.19 3.39 0.00	39.95 3.43 0.00	40.00 3.45 -0.23	41.89 3.79 -0.25	43.02 3.73 -3.11	51.06 3.89 -10.47	55.80 5.21 0.00	60.36 5.09 0.00	62.54 4.31 0.00	59.13 4.23 0.00	51.47 3.81 0.00	41.70 2.58 0.00	36.65 2.07 0.00
KIAC_JFK_GT2 23817	42.14 3.09 0.00	39.11 2.80 0.00	36.25 2.37 0.00	35.23 2.18 0.00	36.23 2.12 0.00	37.64 2.10 0.00	41.00 2.39 0.00	44.25 3.01 0.00	44.09 3.23 0.00	38.25 2.93 0.00	38.05 3.17 -0.04	40.19 3.39 0.00	39.95 3.43 0.00	40.00 3.45 -0.23	41.89 3.79 -0.25	43.02 3.73 -3.11	51.06 3.89 -10.47	55.80 5.21 0.00	60.36 5.09 0.00	62.54 4.31 0.00	59.13 4.23 0.00	51.47 3.81 0.00	41.70 2.58 0.00	36.65 2.07 0.00
KIAC_JFK____ 323774	42.14 3.08 0.00	39.04 2.72 0.00	36.25 2.37 0.00	35.23 2.18 0.00	36.23 2.12 0.00	37.64 2.10 0.00	41.00 2.39 0.00	44.21 2.97 0.00	44.01 3.15 0.00	38.25 2.93 0.00	38.05 3.17 -0.04	40.18 3.38 0.00	39.95 3.43 0.00	40.00 3.45 -0.23	41.97 3.86 -0.25	43.02 3.73 -3.11	51.06 3.89 -10.47	55.80 5.21 0.00	60.36 5.08 0.00	62.60 4.37 0.00	59.14 4.23 0.00	51.42 3.76 0.00	41.66 2.54 0.00	36.62 2.04 0.00
KINTIGH_24_KV_GSU 356498	32.87 -4.30 1.89	32.49 -3.67 0.16	30.51 -3.35 0.01	30.07 -2.97 0.00	31.11 -3.00 0.01	32.59 -2.95 0.01	32.69 -3.78 2.14	31.92 -3.63 5.69	32.05 -3.31 5.50	30.41 -3.04 1.87	30.71 -3.24 0.89	32.09 -3.38 1.32	31.17 -3.36 1.99	31.44 -3.41 1.45	31.56 -3.78 2.50	30.62 -3.80 1.77	32.78 -3.74 0.17	37.87 -5.56 7.15	42.54 -5.75 6.99	48.94 -5.36 3.94	46.80 -4.83 3.27	40.75 -4.53 2.37	35.92 -3.21 0.00	31.38 -3.18 0.01
KINTIGH____ 23543	32.87 -4.30 1.89	32.19 -3.96 0.16	30.48 -3.39 0.01	30.07 -2.97 0.00	31.11 -3.00 0.01	32.55 -2.99 0.01	32.69 -3.78 2.14	31.88 -3.67 5.69	32.01 -3.35 5.50	30.41 -3.04 1.87	30.70 -3.24 0.89	32.09 -3.39 1.32	31.17 -3.36 1.99	31.45 -3.41 1.45	31.60 -3.75 2.50	30.62 -3.80 1.77	32.78 -3.74 0.17	37.92 -5.51 7.15	42.54 -5.75 6.99	48.93 -5.36 3.94	46.80 -4.83 3.27	40.61 -4.67 2.37	35.99 -3.13 0.00	31.38 -3.18 0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	39.25 0.20 0.00	36.46 0.15 0.00	33.91 0.03 0.00	33.01 -0.03 0.00	34.05 -0.07 0.00	35.58 0.04 0.00	38.69 0.08 0.00	41.24 0.00 0.00	40.91 0.04 0.00	35.25 -0.07 0.00	34.67 -0.17 0.00	36.69 -0.11 0.00	36.23 -0.29 0.00	36.02 -0.29 0.00	37.55 -0.30 0.00	35.86 -0.33 0.00	36.48 -0.22 0.00	50.28 -0.30 0.00	55.17 -0.11 0.00	58.29 0.06 0.00	55.13 0.22 0.00	47.80 0.14 0.00	39.28 0.16 0.00	34.61 0.03 0.00
LACHUTE____HYDRO 323717	42.73 3.67 0.00	39.54 3.23 0.00	36.79 2.91 0.00	35.85 2.81 0.00	37.19 3.07 0.00	38.78 3.23 0.00	42.04 3.43 0.00	44.24 3.01 0.00	43.11 2.25 0.00	36.80 1.48 0.00	35.88 1.04 0.00	37.87 1.07 0.00	37.25 0.73 0.00	37.00 0.69 0.00	38.61 0.76 0.00	37.33 1.27 0.12	37.76 1.54 0.48	53.32 2.73 0.00	59.15 3.87 0.00	64.00 5.77 0.00	60.84 5.93 0.00	52.42 4.76 0.00	42.68 3.56 0.00	37.65 3.08 0.00
LAWRNCV_115KV_TB1 80681	38.59 -0.47 0.00	35.84 -0.47 0.00	33.37 -0.51 0.00	32.55 -0.50 0.00	33.67 -0.44 0.00	35.22 -0.32 0.00	38.30 -0.31 0.00	40.53 -0.70 0.00	40.21 -0.65 0.00	34.58 -0.74 0.00	34.00 -0.84 0.00	35.95 -0.85 0.00	35.50 -1.02 0.00	35.30 -1.02 0.00	36.75 -1.10 0.00	34.99 -1.19 0.00	35.46 -1.25 0.00	48.92 -1.67 0.00	53.62 -1.66 0.00	56.54 -1.69 0.00	53.53 -1.37 0.00	46.56 -1.10 0.00	38.42 -0.70 0.00	33.99 -0.59 0.00
LEDERLE____ 23769	41.71 2.66 0.00	38.75 2.43 0.00	36.01 2.13 0.00	35.00 1.95 0.00	36.03 1.91 0.00	37.39 1.85 0.00	40.58 1.97 0.00	43.59 2.35 0.00	43.36 2.49 0.00	37.65 2.33 0.00	37.42 2.58 0.00	39.45 2.65 0.00	39.22 2.70 0.00	39.18 2.87 0.00	41.07 3.22 0.00	41.82 3.22 -2.42	49.80 3.27 -9.83	54.99 4.40 0.00	59.54 4.26 0.00	62.13 3.90 0.00	58.48 3.57 0.00	50.89 3.24 0.00	41.43 2.31 0.00	36.41 1.83 0.00
LIGHTHSE_115KV_TB6 355974	38.67 -0.39 0.00	35.88 -0.44 0.00	33.51 -0.37 0.00	32.72 -0.33 0.00	34.01 -0.10 0.00	35.51 -0.04 0.00	38.53 -0.08 0.00	41.11 -0.12 0.00	40.66 -0.20 0.00	34.97 -0.35 0.00	34.35 -0.49 0.00	36.25 -0.55 0.00	35.93 -0.58 0.00	35.66 -0.65 0.00	36.98 -0.87 0.00	35.28 -0.90 0.00	35.70 -1.03 -0.03	49.85 -1.26 -0.53	55.09 -0.77 -0.59	58.41 -0.52 -0.70	55.10 -0.38 -0.58	47.59 -0.48 -0.42	38.85 -0.27 0.00	34.37 -0.21 0.00
LINDEN COGEN____ 23786	41.91 2.85 0.00	38.82 2.50 0.00	36.08 2.20 0.00	35.13 2.08 0.00	36.06 1.94 0.00	37.42 1.88 0.00	40.69 2.08 0.00	43.79 2.56 0.00	43.56 2.70 0.00	37.93 2.61 0.00	37.81 2.93 -0.04	39.78 2.98 0.00	39.59 3.07 0.00	39.78 3.23 -0.23	41.74 3.63 -0.25	42.80 3.51 -3.11	50.73 3.56 -10.47	55.29 4.71 0.00	59.64 4.37 0.00	61.95 3.78 0.06	58.47 3.57 0.00	50.94 3.29 0.00	41.39 2.27 0.00	36.44 1.87 0.00
LINDHRST_69_KV_BK1 356055	43.48 4.41 -0.01	39.98 3.67 0.00	37.17 3.29 0.00	35.85 2.81 0.00	37.12 3.00 0.00	38.21 2.67 0.00	41.31 2.70 0.00	44.41 3.18 0.00	44.50 3.64 0.00	38.82 3.50 0.00	40.56 4.22 -1.50	44.21 4.38 -3.03	46.31 4.42 -5.37	48.89 4.54 -8.04	51.49 4.92 -8.72	55.40 4.85 -14.37	57.45 4.92 -15.82	63.61 6.48 -6.55	64.94 6.47 -3.20	68.47 6.17 -4.07	60.07 5.16 0.00	52.70 5.05 0.00	42.92 3.79 0.00	37.52 2.94 0.00
LIPA_MISC_IPP 23656	43.13 4.06 -0.01	39.80 3.49 0.00	37.03 3.15 0.00	35.69 2.64 0.00	36.98 2.87 0.00	37.92 2.38 0.00	40.81 2.20 0.00	43.71 2.47 0.00	43.85 2.98 0.00	38.36 3.04 0.00	40.25 3.90 -1.50	43.77 3.94 -3.03	45.87 3.98 -5.37	48.34 3.99 -8.03	51.03 4.47 -8.71	51.28 4.31 -10.79	53.61 4.48 -12.43	58.50 5.51 -2.40	61.87 5.42 -1.17	64.73 5.01 -1.49	58.36 3.46 0.00	52.08 4.43 0.00	42.68 3.56 0.00	37.38 2.80 0.00

LISF__SOLAR 323691	43.25 4.18 -0.01	39.80 3.49 0.00	37.13 3.25 0.00	35.79 2.74 0.00	37.05 2.93 0.00	37.92 2.38 0.00	40.85 2.24 0.00	43.63 2.39 0.00	43.44 2.58 0.00	38.43 3.11 0.00	40.28 3.94 -1.50	43.84 4.01 -3.03	45.90 4.02 -5.37	48.41 4.07 -8.03	51.17 4.62 -8.71	51.35 4.34 -10.83	53.69 4.51 -12.47	58.70 5.66 -2.45	62.05 5.58 -1.19	64.93 5.18 -1.52	58.91 4.01 0.01	51.94 4.29 0.00	42.72 3.60 0.00	37.45 2.87 0.00
LITTLE FALLS__HYD 24013	39.96 0.90 0.00	37.08 0.76 0.00	34.56 0.68 0.00	33.74 0.69 0.00	34.94 0.82 0.00	36.36 0.82 0.00	39.50 0.89 0.00	42.23 0.99 0.00	41.85 0.98 0.00	36.13 0.81 0.00	35.64 0.80 0.00	37.65 0.85 0.00	37.40 0.88 0.00	37.22 0.91 0.00	38.80 0.95 0.00	37.05 0.87 0.00	37.51 0.81 0.00	51.80 1.21 0.00	56.83 1.55 0.00	59.92 1.69 0.00	56.66 1.76 0.00	49.18 1.52 0.00	40.45 1.33 0.00	35.75 1.18 0.00
LITTLRIV_115KV_TB1 356100	38.82 -0.23 0.00	36.06 -0.25 0.00	33.57 -0.30 0.00	32.78 -0.26 0.00	34.01 -0.10 0.00	35.58 0.04 0.00	38.69 0.08 0.00	40.86 -0.37 0.00	40.42 -0.45 0.00	34.72 -0.60 0.00	34.07 -0.77 0.00	35.99 -0.81 0.00	35.57 -0.95 0.00	35.37 -0.94 0.00	36.83 -1.02 0.00	35.06 -1.12 0.00	35.53 -1.17 0.00	49.07 -1.52 0.00	54.01 -1.27 0.00	57.01 -1.22 0.00	54.03 -0.88 0.00	46.99 -0.67 0.00	38.73 -0.39 0.00	34.27 -0.31 0.00
LI_NEWBRDGE__DRP 323616	42.39 3.32 -0.01	39.07 2.76 0.00	36.32 2.44 0.00	35.09 2.05 0.00	36.27 2.15 0.00	37.39 1.85 0.00	40.42 1.81 0.00	43.46 2.23 0.00	43.48 2.62 0.00	37.90 2.58 0.00	39.58 3.24 -1.50	43.18 3.35 -3.03	45.28 3.40 -5.37	47.87 3.52 -8.03	50.42 3.86 -8.70	49.26 3.87 -9.20	51.52 3.89 -10.93	56.20 5.06 -0.56	60.47 4.92 -0.27	63.23 4.66 -0.34	58.85 3.95 0.01	51.36 3.72 0.01	41.86 2.74 0.00	36.65 2.07 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.13 -4.41 2.52	31.99 -4.10 0.22	30.20 -3.66 0.02	29.34 -3.70 0.00	30.73 -3.38 0.01	32.19 -3.34 0.01	31.98 -3.78 2.85	30.05 -3.63 7.56	30.04 -3.27 7.56	29.75 -3.00 2.57	30.37 -3.24 1.23	31.62 -3.42 1.76	30.47 -3.40 2.66	30.89 -3.49 1.94	30.68 -3.86 3.31	29.93 -3.91 2.34	32.08 -4.44 0.19	36.34 -5.67 8.58	41.09 -5.91 8.27	48.22 -5.94 4.08	45.92 -5.60 3.39	40.04 -5.15 2.47	35.25 -3.87 0.00	30.89 -3.67 0.02
LOCKPORT__CC1 323769	31.92 -4.45 2.68	32.23 -3.85 0.23	30.20 -3.66 0.02	29.38 -3.67 0.00	30.70 -3.41 0.01	32.16 -3.38 0.01	31.76 -3.82 3.03	29.56 -3.63 8.05	29.59 -3.27 8.01	29.56 -3.04 2.72	30.23 -3.31 1.30	31.46 -3.46 1.88	30.26 -3.43 2.83	30.73 -3.52 2.06	30.41 -3.94 3.51	29.76 -3.94 2.48	32.15 -4.37 0.19	35.86 -5.77 8.96	40.81 -5.86 8.61	48.15 -5.94 4.14	45.92 -5.54 3.44	40.18 -4.96 2.51	35.25 -3.87 0.00	30.93 -3.63 0.02
LOCKPORT__CC2 323770	31.92 -4.45 2.68	32.23 -3.85 0.23	30.20 -3.66 0.02	29.38 -3.67 0.00	30.70 -3.41 0.01	32.16 -3.38 0.01	31.76 -3.82 3.03	29.56 -3.63 8.05	29.59 -3.27 8.01	29.56 -3.04 2.72	30.23 -3.31 1.30	31.46 -3.46 1.88	30.26 -3.43 2.83	30.73 -3.52 2.06	30.41 -3.94 3.51	29.76 -3.94 2.48	32.15 -4.37 0.19	35.86 -5.77 8.96	40.81 -5.86 8.61	48.15 -5.94 4.14	45.92 -5.54 3.44	40.18 -4.96 2.51	35.25 -3.87 0.00	30.93 -3.63 0.02
LOCKPORT__CC3 323771	31.92 -4.45 2.68	32.23 -3.85 0.23	30.20 -3.66 0.02	29.38 -3.67 0.00	30.70 -3.41 0.01	32.16 -3.38 0.01	31.76 -3.82 3.03	29.56 -3.63 8.05	29.59 -3.27 8.01	29.56 -3.04 2.72	30.23 -3.31 1.30	31.46 -3.46 1.88	30.26 -3.43 2.83	30.73 -3.52 2.06	30.41 -3.94 3.51	29.76 -3.94 2.48	32.15 -4.37 0.19	35.86 -5.77 8.96	40.81 -5.86 8.61	48.15 -5.94 4.14	45.92 -5.54 3.44	40.18 -4.96 2.51	35.25 -3.87 0.00	30.93 -3.63 0.02
LOCUSVLY_69_KV_BK2 55797	42.70 3.63 -0.01	39.40 3.09 0.00	36.59 2.71 0.00	35.39 2.35 0.00	36.57 2.46 0.00	37.75 2.20 0.00	40.89 2.28 0.00	43.96 2.72 0.00	43.93 3.06 0.00	38.29 2.97 0.00	39.90 3.55 -1.50	43.51 3.68 -3.03	45.65 3.76 -5.37	48.28 3.92 -8.05	50.81 4.24 -8.72	57.81 4.23 -17.39	59.65 4.26 -18.69	66.14 5.51 -10.04	65.59 5.42 -4.90	69.54 5.07 -6.25	59.25 4.34 0.00	51.80 4.15 0.00	42.17 3.05 0.00	36.96 2.39 0.00
LONG_LAKE_PHOENIX 24014	38.24 -0.82 0.00	35.51 -0.80 0.00	33.17 -0.71 0.00	32.38 -0.66 0.00	33.47 -0.65 0.00	34.90 -0.64 0.00	37.88 -0.73 0.00	40.45 -0.78 0.00	40.13 -0.74 0.00	34.65 -0.67 0.00	34.11 -0.73 0.00	36.03 -0.77 0.00	35.75 -0.77 0.00	35.51 -0.80 0.00	36.90 -0.95 0.00	35.17 -1.01 0.00	35.72 -1.06 -0.08	50.66 -1.42 -1.49	55.61 -1.33 -1.66	59.05 -1.16 -1.98	55.45 -1.10 -1.65	47.78 -1.05 -1.18	38.30 -0.82 0.00	33.92 -0.66 0.00
LOVETT__3 23632	41.52 2.46 0.00	38.56 2.25 0.00	35.84 1.97 0.00	34.86 1.82 0.00	35.89 1.77 0.00	37.21 1.67 0.00	40.42 1.81 0.00	43.42 2.19 0.00	43.20 2.33 0.00	37.51 2.19 0.00	37.28 2.44 0.00	39.30 2.50 0.00	39.08 2.56 0.00	39.04 2.72 0.00	40.88 3.03 0.00	41.67 3.04 -2.45	49.70 3.05 -9.95	54.63 4.05 0.00	59.15 3.87 0.00	61.72 3.49 0.00	58.04 3.13 0.00	50.56 2.91 0.00	41.20 2.07 0.00	36.24 1.66 0.00
LOVETT__4 23642	41.52 2.46 0.00	38.56 2.25 0.00	35.84 1.97 0.00	34.86 1.82 0.00	35.89 1.77 0.00	37.21 1.67 0.00	40.42 1.81 0.00	43.42 2.19 0.00	43.20 2.33 0.00	37.51 2.19 0.00	37.28 2.44 0.00	39.30 2.50 0.00	39.08 2.56 0.00	39.04 2.72 0.00	40.88 3.03 0.00	41.67 3.04 -2.45	49.70 3.05 -9.95	54.63 4.05 0.00	59.15 3.87 0.00	61.72 3.49 0.00	58.04 3.13 0.00	50.56 2.91 0.00	41.20 2.07 0.00	36.24 1.66 0.00
LOVETT__5 23593	41.52 2.46 0.00	38.56 2.25 0.00	35.84 1.97 0.00	34.86 1.82 0.00	35.89 1.77 0.00	37.21 1.67 0.00	40.42 1.81 0.00	43.42 2.19 0.00	43.20 2.33 0.00	37.51 2.19 0.00	37.28 2.44 0.00	39.30 2.50 0.00	39.08 2.56 0.00	39.04 2.72 0.00	40.88 3.03 0.00	41.67 3.04 -2.45	49.70 3.05 -9.95	54.63 4.05 0.00	59.15 3.87 0.00	61.72 3.49 0.00	58.04 3.13 0.00	50.56 2.91 0.00	41.20 2.07 0.00	36.24 1.66 0.00
LOWER RAQUET__HYD 24057	38.51 -0.55 0.00	35.73 -0.58 0.00	33.27 -0.61 0.00	32.48 -0.56 0.00	33.67 -0.44 0.00	35.19 -0.36 0.00	38.26 -0.35 0.00	40.41 -0.82 0.00	40.09 -0.78 0.00	34.47 -0.85 0.00	33.86 -0.98 0.00	35.81 -0.99 0.00	35.35 -1.17 0.00	35.15 -1.16 0.00	36.60 -1.25 0.00	34.81 -1.37 0.00	35.23 -1.47 0.00	48.61 -1.97 0.00	53.40 -1.88 0.00	56.31 -1.92 0.00	53.26 -1.65 0.00	46.32 -1.33 0.00	38.22 -0.90 0.00	33.89 -0.69 0.00
LOWER__HUDSON 24059	40.74 1.68 0.00	37.87 1.56 0.00	35.37 1.49 0.00	34.47 1.42 0.00	35.58 1.47 0.00	37.00 1.46 0.00	40.19 1.58 0.00	42.76 1.53 0.00	42.17 1.31 0.00	36.45 1.13 0.00	35.92 1.13 0.00	37.94 1.14 0.00	37.65 1.13 0.00	37.44 1.13 0.00	39.18 1.32 0.00	37.63 1.45 0.00	38.24 1.54 0.00	52.76 2.17 0.00	57.55 2.27 0.00	60.73 2.50 0.00	57.21 2.31 0.00	49.61 1.95 0.00	40.73 1.60 0.00	36.00 1.42 0.00

LOWVILLE_115KV_TB2 356335	39.25 0.20 0.00	36.24 -0.07 0.00	33.74 -0.14 0.00	32.95 -0.10 0.00	34.42 0.31 0.00	35.90 0.36 0.00	39.11 0.50 0.00	41.65 0.41 0.00	41.11 0.25 0.00	35.25 -0.07 0.00	34.49 -0.35 0.00	36.32 -0.48 0.00	35.93 -0.58 0.00	35.62 -0.69 0.00	36.79 -1.06 0.00	35.10 -1.09 0.00	35.57 -1.14 0.00	49.42 -1.16 0.00	55.22 -0.06 0.00	58.35 0.12 0.00	55.35 0.44 0.00	47.94 0.29 0.00	39.32 0.20 0.00	34.72 0.14 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.17 2.11 0.00	38.24 1.92 0.00	35.64 1.76 0.00	34.76 1.72 0.00	35.89 1.77 0.00	37.35 1.81 0.00	40.54 1.93 0.00	43.01 1.77 0.00	42.34 1.47 0.00	36.45 1.13 0.00	35.85 1.01 0.00	37.87 1.07 0.00	37.51 0.99 0.00	37.29 0.98 0.00	38.95 1.10 0.00	37.37 1.30 0.12	37.69 1.47 0.48	52.76 2.18 0.00	57.82 2.54 0.00	61.37 3.14 0.00	57.98 3.07 0.00	50.18 2.53 0.00	41.12 2.00 0.00	36.31 1.73 0.00
LUTHERNY_35_KV_BK2 355980	41.17 2.11 0.00	38.27 1.96 0.00	35.68 1.80 0.00	34.80 1.75 0.00	35.92 1.81 0.00	37.35 1.81 0.00	40.54 1.93 0.00	43.05 1.81 0.00	42.38 1.51 0.00	36.49 1.17 0.00	35.85 1.01 0.00	37.90 1.10 0.00	37.51 0.99 0.00	37.29 0.98 0.00	38.95 1.10 0.00	37.40 1.34 0.12	37.69 1.47 0.48	52.81 2.23 0.00	57.88 2.60 0.00	61.43 3.20 0.00	58.04 3.13 0.00	50.23 2.57 0.00	41.16 2.03 0.00	36.34 1.76 0.00
LWR__OSWEGATCHIE_HYD 23850	38.78 -0.27 0.00	35.95 -0.36 0.00	33.47 -0.41 0.00	32.68 -0.36 0.00	34.01 -0.10 0.00	35.54 0.00 0.00	38.84 0.23 0.00	41.24 0.00 0.00	40.74 -0.12 0.00	34.90 -0.42 0.00	34.18 -0.66 0.00	36.06 -0.74 0.00	35.68 -0.84 0.00	35.37 -0.94 0.00	36.64 -1.21 0.00	34.92 -1.27 0.00	35.34 -1.36 0.00	49.07 -1.52 0.00	54.56 -0.72 0.00	57.65 -0.58 0.00	54.69 -0.22 0.00	47.37 -0.29 0.00	38.93 -0.20 0.00	34.40 -0.17 0.00
LYONS_FALL_HYD 23570	39.33 0.28 0.00	36.42 0.11 0.00	33.95 0.07 0.00	33.15 0.10 0.00	34.56 0.44 0.00	36.00 0.46 0.00	39.19 0.58 0.00	41.77 0.53 0.00	41.27 0.41 0.00	35.43 0.11 0.00	34.74 -0.10 0.00	36.62 -0.18 0.00	36.30 -0.22 0.00	35.99 -0.33 0.00	37.28 -0.57 0.00	35.60 -0.58 0.00	36.08 -0.62 0.00	50.08 -0.51 0.00	55.61 0.33 0.00	58.64 0.41 0.00	55.57 0.66 0.00	48.13 0.48 0.00	39.47 0.35 0.00	34.85 0.28 0.00
MADISON__COUNTY_LFGE 323628	39.53 0.47 0.00	36.71 0.40 0.00	34.25 0.37 0.00	33.44 0.40 0.00	34.76 0.65 0.00	36.22 0.68 0.00	39.38 0.77 0.00	42.02 0.78 0.00	41.52 0.65 0.00	35.71 0.39 0.00	35.08 0.24 0.00	37.06 0.26 0.00	36.77 0.26 0.00	36.53 0.22 0.00	37.96 0.11 0.00	36.29 0.11 0.00	36.75 0.07 0.02	50.51 0.35 0.44	55.68 0.88 0.49	58.76 1.11 0.58	55.52 1.10 0.48	48.17 0.86 0.34	39.75 0.63 0.00	35.10 0.52 0.00
MALONE__115KV_TB1 356076	39.02 -0.04 0.00	36.24 -0.07 0.00	33.71 -0.17 0.00	32.85 -0.20 0.00	33.91 -0.20 0.00	35.44 -0.11 0.00	38.53 -0.08 0.00	40.99 -0.25 0.00	40.74 -0.12 0.00	35.07 -0.25 0.00	34.49 -0.35 0.00	36.47 -0.33 0.00	36.01 -0.51 0.00	35.77 -0.54 0.00	37.28 -0.57 0.00	35.60 -0.58 0.00	36.15 -0.55 0.00	49.88 -0.71 0.00	54.67 -0.61 0.00	57.82 -0.41 0.00	54.69 -0.22 0.00	47.41 -0.24 0.00	39.01 -0.12 0.00	34.40 -0.17 0.00
MAPLEWOD_115KV_TB3 80458	40.62 1.56 0.00	37.80 1.49 0.00	35.27 1.39 0.00	34.37 1.32 0.00	35.45 1.33 0.00	36.86 1.32 0.00	39.96 1.35 0.00	42.56 1.32 0.00	42.01 1.14 0.00	36.31 0.99 0.00	35.78 0.94 0.00	37.87 1.07 0.00	37.58 1.06 0.00	37.37 1.05 0.00	39.06 1.21 0.00	37.52 1.34 0.00	38.13 1.43 0.00	52.51 1.92 0.00	57.32 2.05 0.00	60.44 2.21 0.00	56.99 2.09 0.00	49.42 1.76 0.00	40.57 1.45 0.00	35.86 1.28 0.00
MAPLE_RIDGE_WT_1 323574	38.51 -0.55 0.00	35.77 -0.54 0.00	33.34 -0.54 0.00	32.52 -0.53 0.00	33.54 -0.58 0.00	34.97 -0.57 0.00	37.99 -0.62 0.00	40.62 -0.62 0.00	40.29 -0.57 0.00	34.83 -0.49 0.00	34.35 -0.49 0.00	36.32 -0.48 0.00	36.01 -0.51 0.00	35.77 -0.54 0.00	37.28 -0.57 0.00	35.64 -0.54 0.00	36.15 -0.55 0.00	49.83 -0.76 0.00	54.50 -0.77 0.00	57.47 -0.76 0.00	54.19 -0.72 0.00	46.99 -0.67 0.00	38.57 -0.55 0.00	34.06 -0.52 0.00
MAPLE_RIDGE_WT_2 323611	38.51 -0.55 0.00	35.77 -0.54 0.00	33.34 -0.54 0.00	32.52 -0.53 0.00	33.54 -0.58 0.00	34.97 -0.57 0.00	37.99 -0.62 0.00	40.62 -0.62 0.00	40.29 -0.57 0.00	34.83 -0.49 0.00	34.35 -0.49 0.00	36.32 -0.48 0.00	36.01 -0.51 0.00	35.77 -0.54 0.00	37.28 -0.57 0.00	35.64 -0.54 0.00	36.15 -0.55 0.00	49.83 -0.76 0.00	54.50 -0.77 0.00	57.47 -0.76 0.00	54.19 -0.72 0.00	46.99 -0.67 0.00	38.57 -0.55 0.00	34.06 -0.52 0.00
MARBLE_RIVER_WT_PWR 323696	38.74 -0.31 0.00	35.95 -0.36 0.00	33.51 -0.37 0.00	32.62 -0.43 0.00	33.64 -0.48 0.00	35.12 -0.42 0.00	38.18 -0.42 0.00	40.70 -0.54 0.00	40.42 -0.45 0.00	34.86 -0.46 0.00	34.35 -0.49 0.00	36.32 -0.48 0.00	35.90 -0.62 0.00	35.70 -0.62 0.00	37.21 -0.64 0.00	35.53 -0.65 0.00	36.11 -0.59 0.00	49.78 -0.81 0.00	54.50 -0.77 0.00	57.53 -0.70 0.00	54.30 -0.60 0.00	47.18 -0.48 0.00	38.73 -0.39 0.00	34.20 -0.38 0.00
MARSHVLE_115KV_TB1 80742	40.66 1.60 0.00	37.77 1.45 0.00	35.20 1.32 0.00	34.33 1.29 0.00	35.58 1.47 0.00	37.07 1.53 0.00	40.23 1.62 0.00	42.27 1.03 0.00	41.07 0.20 0.00	35.07 -0.25 0.00	34.39 -0.45 0.00	36.51 -0.29 0.00	36.12 -0.40 0.00	35.95 -0.36 0.00	37.51 -0.34 0.00	35.92 -0.14 0.12	36.05 -0.18 0.47	51.09 0.51 0.00	56.94 1.66 0.00	61.20 2.97 0.00	57.98 3.07 0.00	50.04 2.38 0.00	40.92 1.80 0.00	36.03 1.45 0.00
MARSH_HILL_WT_PWR 323713	50.05 -1.80 -12.79	35.78 -1.63 -1.10	32.25 -1.73 -0.09	31.26 -1.78 0.00	32.52 -1.64 -0.04	34.02 -1.56 -0.04	51.62 -1.47 -14.48	78.02 -1.73 -38.51	76.51 -1.92 -37.57	46.08 -2.01 -12.77	38.82 -2.13 -6.11	43.63 -2.14 -8.96	48.15 -1.90 -13.53	44.32 -1.85 -9.86	52.71 -1.97 -16.83	46.23 -1.84 -11.90	34.95 -2.05 -0.30	80.20 -2.33 -31.94	82.49 -1.77 -28.99	62.41 -0.93 -5.12	58.33 -0.82 -4.25	50.09 -0.81 -3.25	37.99 -1.14 0.00	33.46 -1.21 -0.09
MCINTYRE_115KV_TB2 80467	39.06 0.00 0.00	36.28 -0.04 0.00	33.78 -0.10 0.00	32.98 -0.07 0.00	34.25 0.14 0.00	35.79 0.25 0.00	38.96 0.35 0.00	41.11 -0.12 0.00	40.62 -0.25 0.00	34.90 -0.42 0.00	34.25 -0.59 0.00	36.17 -0.63 0.00	35.75 -0.77 0.00	35.55 -0.76 0.00	37.06 -0.79 0.00	35.28 -0.90 0.00	35.82 -0.88 0.00	49.52 -1.06 0.00	54.50 -0.77 0.00	57.53 -0.70 0.00	54.58 -0.33 0.00	47.46 -0.19 0.00	39.08 -0.04 0.00	34.54 -0.03 0.00
MECO____69_KV_BK1 80468	41.56 2.50 0.00	38.56 2.25 0.00	35.91 2.03 0.00	35.03 1.98 0.00	36.30 2.18 0.00	37.82 2.27 0.00	40.93 2.32 0.00	42.97 1.73 0.00	41.72 0.86 0.00	35.57 0.25 0.00	34.84 0.00 0.00	36.95 0.15 0.00	36.56 0.04 0.00	36.35 0.04 0.00	38.00 0.15 0.00	36.45 0.40 0.13	36.69 0.51 0.52	52.00 1.42 0.00	57.93 2.65 0.00	62.36 4.13 0.00	59.19 4.28 0.00	51.04 3.38 0.00	41.67 2.54 0.00	36.72 2.14 0.00

MENANDS__115KV_TB5 355628	40.42 1.37 0.00	37.66 1.34 0.00	35.10 1.22 0.00	34.24 1.19 0.00	35.31 1.19 0.00	36.68 1.14 0.00	39.81 1.20 0.00	42.39 1.15 0.00	41.85 0.98 0.00	36.20 0.88 0.00	35.71 0.87 0.00	37.76 0.96 0.00	37.47 0.95 0.00	37.26 0.94 0.00	38.95 1.10 0.00	37.41 1.23 0.00	38.02 1.32 0.00	52.31 1.72 0.00	57.05 1.77 0.00	60.09 1.86 0.00	56.61 1.70 0.00	49.08 1.43 0.00	40.37 1.25 0.00	35.68 1.11 0.00
MG INDUSTRY__DRP 24185	40.46 1.41 0.00	37.69 1.38 0.00	35.17 1.29 0.00	34.27 1.22 0.00	35.38 1.26 0.00	36.72 1.17 0.00	39.77 1.16 0.00	42.23 0.99 0.00	41.60 0.74 0.00	35.92 0.60 0.00	35.40 0.56 0.00	37.43 0.63 0.00	37.14 0.62 0.00	36.89 0.58 0.00	38.57 0.72 0.00	37.09 0.90 0.00	37.66 0.95 0.00	51.90 1.32 0.00	56.72 1.44 0.00	59.92 1.69 0.00	56.50 1.59 0.00	49.03 1.38 0.00	40.30 1.17 0.00	35.61 1.04 0.00
MID__OSWEGATCHIE_HYD 23849	38.78 -0.27 0.00	35.95 -0.36 0.00	33.47 -0.41 0.00	32.68 -0.36 0.00	34.01 -0.10 0.00	35.54 0.00 0.00	38.84 0.23 0.00	41.24 0.00 0.00	40.74 -0.12 0.00	34.90 -0.42 0.00	34.18 -0.66 0.00	36.06 -0.74 0.00	35.68 -0.84 0.00	35.37 -0.94 0.00	36.64 -1.21 0.00	34.92 -1.27 0.00	35.34 -1.36 0.00	49.07 -1.52 0.00	54.56 -0.72 0.00	57.65 -0.58 0.00	54.69 -0.22 0.00	47.37 -0.29 0.00	38.93 -0.20 0.00	34.40 -0.17 0.00
MID__RAQUETTE_HYD 23851	38.51 -0.55 0.00	35.77 -0.54 0.00	33.27 -0.61 0.00	32.48 -0.56 0.00	33.64 -0.48 0.00	35.15 -0.39 0.00	38.26 -0.35 0.00	40.41 -0.82 0.00	40.09 -0.78 0.00	34.47 -0.85 0.00	33.86 -0.98 0.00	35.77 -1.03 0.00	35.35 -1.17 0.00	35.15 -1.16 0.00	36.60 -1.25 0.00	34.81 -1.37 0.00	35.23 -1.47 0.00	48.61 -1.97 0.00	53.40 -1.88 0.00	56.31 -1.92 0.00	53.26 -1.65 0.00	46.37 -1.29 0.00	38.26 -0.86 0.00	33.89 -0.69 0.00
MILLIKEN__1 23584	40.41 0.31 -1.04	36.69 0.29 -0.09	34.12 0.24 -0.01	33.28 0.23 0.00	34.50 0.38 0.00	35.97 0.43 0.00	40.33 0.54 -1.18	44.86 0.49 -3.13	44.38 0.41 -3.10	36.52 0.14 -1.05	35.34 0.00 -0.50	37.54 0.00 -0.74	37.67 0.04 -1.12	37.13 0.00 -0.81	39.13 -0.11 -1.40	37.02 -0.14 -0.99	36.49 -0.22 -0.01	52.98 0.00 -2.39	57.80 0.44 -2.08	59.29 0.99 -0.07	55.84 0.88 -0.06	48.38 0.67 -0.06	39.55 0.43 0.00	34.90 0.31 -0.01
MILLIKEN__2 23585	40.41 0.31 -1.04	36.69 0.29 -0.09	34.12 0.24 -0.01	33.28 0.23 0.00	34.50 0.38 0.00	35.97 0.43 0.00	40.33 0.54 -1.18	44.86 0.49 -3.13	44.38 0.41 -3.10	36.52 0.14 -1.05	35.34 0.00 -0.50	37.54 0.00 -0.74	37.67 0.04 -1.12	37.13 0.00 -0.81	39.13 -0.11 -1.40	37.02 -0.14 -0.99	36.49 -0.22 -0.01	52.98 0.00 -2.39	57.80 0.44 -2.08	59.29 0.99 -0.07	55.84 0.88 -0.06	48.38 0.67 -0.06	39.55 0.43 0.00	34.90 0.31 -0.01
MILLIKEN__DIESEL 23629	40.41 0.31 -1.04	36.69 0.29 -0.09	34.12 0.24 -0.01	33.28 0.23 0.00	34.50 0.38 0.00	35.97 0.43 0.00	40.33 0.54 -1.18	44.86 0.49 -3.13	44.38 0.41 -3.10	36.52 0.14 -1.05	35.34 0.00 -0.50	37.54 0.00 -0.74	37.67 0.04 -1.12	37.13 0.00 -0.81	39.13 -0.11 -1.40	37.02 -0.14 -0.99	36.49 -0.22 -0.01	52.98 0.00 -2.39	57.80 0.44 -2.08	59.29 0.99 -0.07	55.84 0.88 -0.06	48.38 0.67 -0.06	39.55 0.43 0.00	34.90 0.31 -0.01
MILLSEAT__LFGE 323607	33.16 -3.71 2.19	32.96 -3.16 0.19	30.81 -3.05 0.02	30.01 -3.04 0.00	31.38 -2.73 0.01	32.90 -2.63 0.01	33.04 -3.09 2.47	31.86 -2.81 6.57	31.81 -2.49 6.56	30.65 -2.44 2.23	31.06 -2.72 1.07	32.44 -2.83 1.53	31.40 -2.81 2.31	31.72 -2.91 1.68	31.64 -3.33 2.88	30.78 -3.36 2.04	32.71 -3.82 0.18	37.92 -4.91 7.76	43.11 -4.64 7.52	49.69 -4.60 3.94	47.46 -4.18 3.27	41.46 -3.81 2.38	36.11 -3.01 0.00	31.62 -2.94 0.02
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.67 2.62 0.00	38.71 2.40 0.00	35.98 2.10 0.00	35.00 1.95 0.00	35.99 1.88 0.00	37.35 1.81 0.00	40.58 1.97 0.00	43.59 2.35 0.00	43.32 2.45 0.00	37.62 2.30 0.00	37.38 2.54 0.00	39.41 2.61 0.00	39.22 2.70 0.00	39.14 2.83 0.00	40.99 3.14 0.00	41.88 3.15 -2.55	50.26 3.19 -10.36	54.79 4.20 0.00	59.31 4.04 0.00	61.90 3.67 0.00	58.20 3.29 0.00	50.70 3.05 0.00	41.31 2.19 0.00	36.34 1.76 0.00
MILLWOOD_13_KV_LOAD 356217	41.79 2.73 0.00	38.78 2.47 0.00	36.05 2.17 0.00	35.06 2.02 0.00	36.10 1.98 0.00	37.46 1.92 0.00	40.69 2.08 0.00	43.67 2.43 0.00	43.44 2.57 0.00	37.69 2.37 0.00	37.45 2.61 0.00	39.49 2.69 0.00	39.29 2.78 0.00	39.25 2.94 0.00	41.07 3.22 0.00	41.91 3.18 -2.55	50.33 3.27 -10.36	54.89 4.30 0.00	59.48 4.20 0.00	62.07 3.84 0.00	58.37 3.46 0.00	50.80 3.15 0.00	41.39 2.27 0.00	36.41 1.83 0.00
MODEL_CITY_ENERGY 24167	31.75 -4.69 2.62	32.01 -4.07 0.23	30.00 -3.86 0.02	29.01 -4.03 0.00	30.53 -3.58 0.01	31.98 -3.55 0.01	31.60 -4.05 2.96	29.59 -3.79 7.85	29.48 -3.43 7.95	29.44 -3.18 2.70	30.10 -3.45 1.29	31.32 -3.64 1.83	30.18 -3.58 2.76	30.59 -3.70 2.02	30.25 -4.12 3.48	29.59 -4.13 2.46	31.74 -4.77 0.19	35.65 -6.02 8.91	40.46 -6.25 8.57	47.35 -6.75 4.13	45.22 -6.26 3.43	39.57 -5.58 2.51	34.82 -4.30 0.00	30.58 -3.98 0.02
MODERN_LFGE__ 323580	31.75 -4.69 2.62	32.01 -4.07 0.23	30.00 -3.86 0.02	29.01 -4.03 0.00	30.53 -3.58 0.01	31.98 -3.55 0.01	31.60 -4.05 2.96	29.59 -3.79 7.85	29.48 -3.43 7.95	29.44 -3.18 2.70	30.10 -3.45 1.29	31.32 -3.64 1.83	30.18 -3.58 2.76	30.59 -3.70 2.02	30.25 -4.12 3.48	29.59 -4.13 2.46	31.74 -4.77 0.19	35.65 -6.02 8.91	40.46 -6.25 8.57	47.35 -6.75 4.13	45.22 -6.26 3.43	39.57 -5.58 2.51	34.82 -4.30 0.00	30.58 -3.98 0.02
MOHAWK_PAPER__DRP 24187	40.62 1.56 0.00	37.80 1.49 0.00	35.27 1.39 0.00	34.37 1.32 0.00	35.45 1.33 0.00	36.86 1.32 0.00	39.96 1.35 0.00	42.56 1.32 0.00	42.01 1.14 0.00	36.31 0.99 0.00	35.78 0.94 0.00	37.87 1.07 0.00	37.58 1.06 0.00	37.37 1.05 0.00	39.06 1.21 0.00	37.52 1.34 0.00	38.13 1.43 0.00	52.51 1.92 0.00	57.32 2.05 0.00	60.44 2.21 0.00	56.99 2.09 0.00	49.42 1.76 0.00	40.57 1.45 0.00	35.86 1.28 0.00
MOHICAN__35_KV_115KV_LD 80490	41.36 2.30 0.00	38.35 2.03 0.00	35.71 1.83 0.00	34.83 1.78 0.00	36.03 1.91 0.00	37.50 1.95 0.00	40.69 2.08 0.00	43.09 1.86 0.00	42.26 1.39 0.00	36.27 0.95 0.00	35.54 0.70 0.00	37.43 0.63 0.00	36.96 0.44 0.00	36.71 0.40 0.00	38.27 0.42 0.00	37.01 0.94 0.12	37.36 1.14 0.48	52.51 1.92 0.00	57.82 2.54 0.00	61.78 3.55 0.00	58.48 3.57 0.00	50.51 2.86 0.00	41.35 2.23 0.00	36.48 1.90 0.00
MONGAUP__HYD 23641	41.24 2.19 0.00	38.24 1.92 0.00	35.64 1.76 0.00	34.66 1.62 0.00	35.65 1.54 0.00	37.00 1.46 0.00	40.11 1.50 0.00	42.84 1.61 0.00	42.46 1.59 0.00	36.80 1.48 0.00	36.51 1.67 0.00	38.49 1.69 0.00	38.27 1.75 0.00	38.16 1.85 0.00	40.08 2.23 0.00	40.57 2.21 -2.18	47.85 2.28 -8.87	53.87 3.29 0.00	58.65 3.37 0.00	61.55 3.32 0.00	57.98 3.07 0.00	50.27 2.62 0.00	41.04 1.92 0.00	36.03 1.45 0.00

MONTAUK___DIESEL 23721	42.97 3.91 -0.01	39.54 3.23 0.00	36.83 2.95 0.00	35.39 2.35 0.00	36.81 2.70 0.00	37.71 2.17 0.00	40.65 2.05 0.00	43.63 2.39 0.00	43.89 3.02 0.00	38.64 3.32 0.00	40.84 4.49 -1.50	44.65 4.82 -3.03	46.67 4.78 -5.37	48.81 4.47 -8.03	51.33 4.77 -8.71	51.58 4.60 -10.80	54.03 4.88 -12.44	59.02 6.02 -2.41	62.37 5.91 -1.18	65.08 5.36 -1.50	58.47 3.57 0.00	52.37 4.72 0.00	42.88 3.76 0.00	37.41 2.84 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.52 -3.16 3.37	33.12 -2.91 0.29	30.84 -3.02 0.02	30.01 -3.04 0.00	30.97 -3.14 0.01	32.47 -3.06 0.01	32.09 -2.70 3.81	28.62 -2.47 10.14	28.61 -2.33 9.93	29.86 -2.08 3.37	30.89 -2.33 1.61	32.16 -2.28 2.36	30.66 -2.30 3.56	31.39 -2.32 2.59	30.70 -2.84 4.31	30.38 -2.75 3.05	33.50 -3.01 0.20	36.44 -3.79 10.35	41.72 -3.70 9.85	50.91 -3.09 4.23	48.15 -3.24 3.52	42.18 -2.91 2.57	36.34 -2.78 0.00	31.92 -2.63 0.02
MORRIS_RIDGE___SOLAR 323848	23.81 -2.22 13.02	33.20 -2.00 1.12	31.75 -2.03 0.10	31.00 -2.05 0.00	32.13 -1.94 0.04	33.58 -1.92 0.04	21.94 -1.93 14.74	-0.06 -2.10 39.19	0.43 -2.21 38.23	20.14 -2.19 12.99	26.29 -2.33 6.22	25.26 -2.43 9.11	20.50 -2.26 13.75	24.04 -2.25 10.03	18.42 -2.42 17.00	21.92 -2.24 12.02	33.80 -2.46 0.44	12.81 -2.98 34.80	20.44 -2.71 32.13	47.50 -2.15 8.57	45.76 -2.03 7.12	40.54 -1.81 5.30	37.28 -1.84 0.00	32.65 -1.83 0.10
MORTIMER_115KV_TB3 55949	35.67 -2.77 0.61	33.72 -2.54 0.05	31.71 -2.17 0.00	31.16 -1.88 0.00	32.27 -1.84 0.00	33.76 -1.78 0.00	35.48 -2.43 0.69	37.08 -2.31 1.85	37.06 -2.00 1.81	32.83 -1.87 0.61	32.49 -2.06 0.29	34.28 -2.10 0.43	33.79 -2.08 0.64	33.70 -2.14 0.47	34.62 -2.42 0.81	33.11 -2.50 0.57	34.07 -2.50 0.14	43.08 -3.69 3.82	47.85 -3.48 3.94	51.94 -3.03 3.27	49.50 -2.69 2.71	42.98 -2.72 1.95	37.32 -1.80 0.00	32.64 -1.94 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.06 3.01 0.00	39.04 2.72 0.00	36.22 2.34 0.00	35.23 2.18 0.00	36.27 2.15 0.00	37.60 2.06 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.77 2.90 0.00	38.00 2.68 0.00	37.78 2.96 0.02	39.85 3.05 0.00	39.66 3.14 0.00	39.47 3.27 0.11	41.33 3.60 0.12	42.08 3.58 -2.32	50.81 3.63 -10.47	55.39 4.81 0.00	59.81 4.53 0.00	62.31 4.08 0.00	58.64 3.73 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.01 0.00
MUNSVILLE_WIND_PWR 323609	40.92 1.09 -0.77	37.39 1.02 -0.07	34.83 0.95 -0.01	34.04 0.99 0.00	35.76 1.64 0.00	37.25 1.71 0.00	41.45 1.97 -0.87	45.49 1.94 -2.32	44.88 1.51 -2.50	36.84 0.67 -0.85	35.60 0.35 -0.41	37.73 0.33 -0.60	37.86 0.44 -0.90	37.33 0.36 -0.66	39.21 0.23 -1.13	37.24 0.26 -0.80	36.85 0.15 0.00	53.54 1.11 -1.84	59.40 2.71 -1.41	61.43 3.32 0.11	58.11 3.29 0.09	50.22 2.62 0.06	41.04 1.92 0.00	36.07 1.49 -0.01
N SALMON___HYD 24042	39.02 -0.04 0.00	36.20 -0.11 0.00	33.71 -0.17 0.00	32.85 -0.20 0.00	33.91 -0.20 0.00	35.44 -0.11 0.00	38.53 -0.08 0.00	40.99 -0.25 0.00	40.74 -0.12 0.00	35.07 -0.25 0.00	34.49 -0.35 0.00	36.47 -0.33 0.00	36.01 -0.51 0.00	35.77 -0.54 0.00	37.28 -0.57 0.00	35.60 -0.58 0.00	36.15 -0.55 0.00	49.88 -0.71 0.00	54.67 -0.61 0.00	57.83 -0.40 0.00	54.69 -0.22 0.00	47.42 -0.24 0.00	38.93 -0.19 0.00	34.41 -0.17 0.00
N.AKRON__115KV_KNAPP 355671	33.05 -3.75 2.26	32.66 -3.45 0.20	30.78 -3.08 0.02	29.94 -3.11 0.00	31.35 -2.76 0.01	32.83 -2.70 0.01	32.92 -3.13 2.56	31.52 -2.93 6.79	31.51 -2.57 6.79	30.54 -2.47 2.31	30.98 -2.75 1.10	32.35 -2.87 1.58	31.28 -2.85 2.39	31.63 -2.94 1.74	31.58 -3.29 2.98	30.68 -3.40 2.10	32.67 -3.85 0.18	37.69 -4.96 7.94	42.72 -4.86 7.69	49.61 -4.66 3.97	47.33 -4.28 3.30	41.20 -4.05 2.40	36.07 -3.05 0.00	31.55 -3.01 0.02
N.BELMOR_69_KV_BK1 55787	42.85 3.79 -0.01	39.44 3.12 0.00	36.66 2.78 0.00	35.42 2.38 0.00	36.64 2.52 0.00	37.78 2.24 0.00	40.85 2.24 0.00	43.92 2.68 0.00	43.97 3.11 0.00	38.32 3.00 0.00	39.97 3.62 -1.50	43.59 3.75 -3.03	45.72 3.83 -5.37	48.33 3.96 -8.06	50.90 4.32 -8.73	61.48 4.27 -21.03	63.17 4.33 -22.14	70.61 5.77 -14.25	67.93 5.69 -6.96	72.52 5.42 -8.87	59.53 4.61 -0.01	51.95 4.29 -0.01	42.29 3.17 0.00	37.00 2.42 0.00
N.E._GEN_SANDY PD 24062	40.89 1.84 0.00	38.02 1.71 0.00	35.51 1.63 0.00	34.60 1.55 0.00	35.65 1.54 0.00	37.00 1.46 0.00	40.23 1.62 0.00	42.93 1.69 0.00	42.46 1.59 0.00	36.80 1.48 0.00	36.37 1.53 0.00	38.42 1.62 0.00	38.20 1.68 0.00	37.98 1.67 0.00	39.82 1.97 0.00	39.17 2.03 -0.96	48.00 2.09 -9.21	53.42 2.83 0.00	57.99 2.71 0.00	60.85 2.62 0.00	57.27 2.36 0.00	49.70 2.05 0.00	40.80 1.68 0.00	37.50 1.49 -1.44
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.60 2.54 0.00	38.60 2.29 0.00	35.88 2.00 0.00	34.90 1.85 0.00	35.92 1.81 0.00	37.25 1.71 0.00	40.46 1.85 0.00	43.46 2.23 0.00	43.20 2.33 0.00	37.51 2.19 0.00	37.28 2.44 0.00	39.30 2.50 0.00	39.11 2.59 0.00	39.04 2.72 0.00	40.92 3.07 0.00	41.69 3.08 -2.43	49.70 3.12 -9.88	54.74 4.15 0.00	59.26 3.98 0.00	61.84 3.61 0.00	58.20 3.29 0.00	50.66 3.00 0.00	41.27 2.15 0.00	36.27 1.69 0.00
N.QUEENS_27_KV_LOAD 356247	42.22 3.16 0.00	39.18 2.87 0.00	36.25 2.37 0.00	35.19 2.15 0.00	36.20 2.08 0.00	37.53 1.99 0.00	40.77 2.16 0.00	43.96 2.72 0.00	43.81 2.94 0.00	38.08 2.75 0.00	38.02 3.14 -0.04	39.89 3.09 0.00	39.73 3.21 0.00	40.07 3.52 -0.24	41.97 3.86 -0.26	43.13 3.84 -3.11	50.95 3.78 -10.47	55.54 4.96 0.00	59.76 4.48 0.00	62.07 3.84 0.00	58.48 3.57 0.00	51.08 3.43 0.00	41.47 2.35 0.00	36.51 1.94 0.00
N.TROY___115KV_TB1 355778	40.74 1.68 0.00	37.91 1.60 0.00	35.37 1.49 0.00	34.50 1.45 0.00	35.58 1.47 0.00	37.00 1.46 0.00	40.19 1.58 0.00	42.76 1.53 0.00	42.21 1.35 0.00	36.45 1.13 0.00	35.92 1.08 0.00	37.94 1.14 0.00	37.65 1.13 0.00	37.44 1.13 0.00	39.10 1.25 0.00	37.63 1.45 0.00	38.24 1.54 0.00	52.76 2.18 0.00	57.55 2.27 0.00	60.73 2.50 0.00	57.21 2.31 0.00	49.61 1.95 0.00	40.77 1.64 0.00	35.99 1.42 0.00
NARROWS_GT1_1 24228	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NARROWS_GT1_2 24229	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00

NARROWS_GT1_3 24230	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NARROWS_GT1_4 24231	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NARROWS_GT1_5 24232	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NARROWS_GT1_6 24233	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NARROWS_GT1_7 24234	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NARROWS_GT1_8 24235	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NARROWS_GT2_1 24236	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NARROWS_GT2_2 24237	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NARROWS_GT2_3 24238	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NARROWS_GT2_4 24239	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NARROWS_GT2_5 24240	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NARROWS_GT2_6 24241	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NARROWS_GT2_7 24242	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NARROWS_GT2_8 24243	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.93 1.87 0.00	38.06 1.74 0.00	35.51 1.63 0.00	34.60 1.55 0.00	35.65 1.54 0.00	37.00 1.46 0.00	40.04 1.43 0.00	42.35 1.11 0.00	41.64 0.78 0.00	35.85 0.53 0.00	35.29 0.45 0.00	37.32 0.52 0.00	36.99 0.47 0.00	36.78 0.47 0.00	38.57 0.72 0.00	37.73 1.23 0.00	39.39 1.39 -1.29	52.46 1.87 0.00	57.55 2.27 0.00	60.91 2.68 0.00	57.49 2.58 0.00	49.75 2.10 0.00	40.88 1.76 0.00	36.03 1.45 0.00



NCHELSEA_115KV_TR2 355582	41.67	38.67	36.01	35.00	36.03	37.35	40.54	43.38	43.20	37.40	37.10	39.12	38.93	38.82	40.73	41.52	49.66	54.89	59.59	62.31	58.59	50.89	41.51	36.44
	2.62	2.36	2.13	1.95	1.91	1.81	1.93	2.14	2.33	2.08	2.26	2.32	2.41	2.51	2.88	2.89	3.01	4.30	4.31	4.08	3.68	3.24	2.39	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.45	-9.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG CAPITAL___MECHNVIL 23645	41.24	38.31	35.74	34.83	35.99	37.42	40.65	43.17	42.46	36.59	35.99	38.05	37.69	37.47	39.18	37.60	37.93	53.02	58.10	61.61	58.15	50.32	41.19	36.41
	2.19	2.00	1.86	1.78	1.88	1.88	2.04	1.94	1.59	1.27	1.15	1.25	1.17	1.16	1.32	1.52	1.65	2.43	2.82	3.38	3.24	2.67	2.07	1.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG CENTRAL_HIGH_ACRES 23767	35.59	33.76	31.54	31.00	32.07	33.55	35.41	37.14	37.05	32.70	32.32	34.11	33.66	33.50	34.42	32.97	33.86	43.22	47.97	51.88	49.37	42.97	37.01	32.43
	-2.93	-2.51	-2.34	-2.05	-2.05	-1.99	-2.59	-2.47	-2.25	-2.08	-2.26	-2.32	-2.30	-2.40	-2.73	-2.71	-2.72	-3.95	-3.76	-3.38	-3.07	-2.91	-2.11	-2.14
	0.54	0.05	0.00	0.00	0.00	0.00	0.61	1.62	1.57	0.53	0.25	0.37	0.56	0.41	0.71	0.50	0.13	3.42	3.54	2.97	2.47	1.78	0.00	0.00
NEG CENTRAL___DRP 24199	41.38	36.54	33.83	32.98	34.19	35.73	41.50	48.32	47.72	37.57	35.74	38.23	38.83	37.90	40.55	38.02	36.40	56.20	60.86	60.31	56.63	48.90	39.36	34.70
	0.08	0.04	-0.07	-0.07	0.07	0.18	0.35	0.33	0.25	0.00	-0.17	-0.15	-0.07	-0.15	-0.26	-0.25	-0.37	-0.20	0.28	0.93	0.77	0.52	0.23	0.10
	-2.24	-0.19	-0.02	0.00	-0.01	-0.01	-2.54	-6.75	-6.61	-2.25	-1.07	-1.58	-2.38	-1.73	-2.96	-2.10	-0.06	-5.82	-5.30	-1.15	-0.96	-0.72	0.00	-0.02
NEG CENTRAL___INDECK 23768	48.14	36.09	32.77	31.99	33.26	34.87	49.51	71.73	70.42	44.33	38.07	42.30	45.85	42.61	49.67	44.04	34.96	73.56	76.69	61.02	57.44	49.37	38.61	33.79
	-1.40	-1.13	-1.19	-1.06	-0.89	-0.71	-0.96	-1.07	-1.22	-1.45	-1.78	-1.84	-1.75	-1.78	-1.97	-1.88	-1.95	-2.48	-1.55	-0.47	-0.16	-0.38	-0.51	-0.86
	-10.49	-0.90	-0.08	0.00	-0.04	-0.04	-11.87	-31.57	-30.78	-10.46	-5.01	-7.34	-11.09	-8.08	-13.79	-9.74	-0.21	-25.45	-22.96	-3.26	-2.70	-2.10	0.00	-0.08
NEG CENTRAL___SENECA 23627	43.09	36.95	34.08	33.18	34.40	36.02	43.50	52.94	52.15	39.14	36.58	39.39	40.49	39.20	42.62	39.58	36.60	59.89	64.35	61.34	57.52	49.67	39.71	34.95
	0.39	0.33	0.17	0.13	0.27	0.46	0.77	0.74	0.57	0.18	0.00	0.04	0.11	0.07	-0.04	0.00	-0.18	0.25	0.88	1.75	1.48	1.14	0.59	0.35
	-3.64	-0.31	-0.03	0.00	-0.01	-0.01	-4.12	-10.96	-10.71	-3.64	-1.74	-2.55	-3.86	-2.81	-4.81	-3.40	-0.08	-9.05	-8.18	-1.36	-1.13	-0.87	0.00	-0.03
NEG CENTRAL___STATE_STREET 24147	39.54	36.12	33.65	32.85	33.98	35.51	39.34	43.31	42.87	35.83	34.84	36.98	36.99	36.54	38.35	36.35	36.14	51.80	56.64	58.77	55.32	47.84	39.04	34.44
	-0.23	-0.25	-0.24	-0.20	-0.14	-0.04	-0.08	-0.08	-0.12	-0.21	-0.35	-0.33	-0.29	-0.33	-0.45	-0.51	-0.59	-0.66	-0.33	0.17	0.11	-0.05	-0.08	-0.14
	-0.72	-0.06	-0.01	0.00	0.00	0.00	-0.81	-2.16	-2.13	-0.72	-0.35	-0.51	-0.77	-0.56	-0.95	-0.67	-0.02	-1.87	-1.69	-0.37	-0.31	-0.23	0.00	-0.01
NEG MILLWOOD___DRP 24198	41.95	38.93	36.22	35.23	36.27	37.64	40.93	43.75	43.52	37.69	37.42	39.49	39.26	39.22	41.07	41.88	50.32	55.14	59.87	62.54	58.81	51.04	41.59	36.58
	2.89	2.61	2.34	2.18	2.15	2.10	2.32	2.52	2.66	2.37	2.58	2.69	2.74	2.91	3.22	3.15	3.27	4.55	4.59	4.31	3.90	3.38	2.46	2.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.54	-10.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH_FLCN_SEA 23793	39.17	36.39	33.85	32.95	33.98	35.51	38.61	41.15	40.87	35.25	34.70	36.69	36.26	36.02	37.55	35.89	36.45	50.28	55.06	58.17	54.96	47.70	39.16	34.54
	0.12	0.07	-0.03	-0.10	-0.14	-0.04	0.00	-0.08	0.00	-0.07	-0.14	-0.11	-0.26	-0.29	-0.30	-0.29	-0.26	-0.30	-0.22	-0.06	0.05	0.05	0.04	-0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH_KES_CHATEGAY 23792	38.78	36.02	33.54	32.65	33.67	35.19	38.22	40.70	40.33	34.79	34.28	36.21	35.83	35.59	37.09	35.50	36.04	49.73	54.50	57.59	54.41	47.27	38.81	34.23
	-0.27	-0.29	-0.34	-0.40	-0.44	-0.36	-0.39	-0.54	-0.53	-0.53	-0.56	-0.59	-0.69	-0.73	-0.76	-0.69	-0.66	-0.86	-0.77	-0.64	-0.49	-0.38	-0.31	-0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH___ALICE_FALLS 23915	39.25	36.46	33.91	33.01	34.05	35.58	38.69	41.24	40.91	35.25	34.67	36.69	36.23	36.02	37.55	35.86	36.48	50.28	55.17	58.29	55.13	47.80	39.28	34.61
	0.20	0.15	0.03	-0.03	-0.07	0.04	0.08	0.00	0.04	-0.07	-0.17	-0.11	-0.29	-0.29	-0.30	-0.33	-0.22	-0.30	-0.11	0.06	0.22	0.14	0.16	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH___LWR_SARANAC 23913	39.25	36.46	33.91	33.01	34.05	35.58	38.69	41.24	40.91	35.25	34.67	36.69	36.23	36.02	37.55	35.86	36.48	50.28	55.17	58.29	55.13	47.80	39.28	34.61
	0.20	0.15	0.03	-0.03	-0.07	0.04	0.08	0.00	0.04	-0.07	-0.17	-0.11	-0.29	-0.29	-0.30	-0.33	-0.22	-0.30	-0.11	0.06	0.22	0.14	0.16	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH___PLATTSBURG 23628	39.25	36.42	33.91	33.01	34.05	35.58	38.69	41.24	40.91	35.25	34.67	36.69	36.23	36.02	37.55	35.86	36.48	50.29	55.17	58.29	55.13	47.80	39.20	34.61
	0.20	0.11	0.03	-0.03	-0.07	0.04	0.08	0.00	0.04	-0.07	-0.17	-0.11	-0.29	-0.29	-0.30	-0.33	-0.22	-0.30	-0.11	0.06	0.22	0.14	0.08	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG WEST_LEA_LOCKPORT 23791	31.93	31.98	30.20	29.38	30.70	32.16	31.76	29.52	29.55	29.56	30.23	31.47	30.26	30.73	30.45	29.76	32.15	35.91	40.70	48.21	45.92	40.04	35.29	30.93
	-4.45	-4.10	-3.66	-3.67	-3.41	-3.38	-3.82	-3.67	-3.31	-3.04	-3.31	-3.46	-3.43	-3.52	-3.90	-3.94	-4.37	-5.72	-5.97	-5.88	-5.55	-5.10	-3.83	-3.63
	2.68	0.23	0.02	0.00	0.01	0.01	3.03	8.05	8.01	2.72	1.30	1.88	2.83	2.06	3.51	2.48	0.19	8.96	8.61	4.14	3.44	2.51	0.00	0.02
NEG WEST___LANCASTR 23811	33.61	34.04	31.11	29.77	30.86	32.30	33.27	30.22	30.28	31.00	31.92	33.17	31.77	32.41	32.10	31.55	33.98	38.10	43.35	51.94	48.61	43.25	35.76	31.96
	-2.27	-2.00	-2.74	-3.27	-3.24	-3.23	-1.74	-1.44	-1.19	-1.13	-1.39	-1.40	-1.39	-1.45	-1.67	-1.74	-2.53	-2.58	-2.49	-2.15	-2.86	-1.91	-3.36	-2.59
	3.18	0.27	0.02	0.00	0.01	0.01	3.60	9.57	9.40	3.19	1.53	2.23	3.36	2.45	4.09	2.89	0.19	9.91	9.44	4.14	3.44	2.50	0.00	0.02

NEG_PENN_ALLEGHNY 23528	39.89 0.28 -0.56	36.62 0.26 -0.05	34.05 0.17 0.00	33.18 0.13 0.00	34.36 0.24 0.00	35.79 0.25 0.00	39.66 0.43 -0.63	43.32 0.41 -1.67	42.97 0.41 -1.70	36.15 0.25 -0.58	35.29 0.18 -0.28	37.39 0.18 -0.40	37.39 0.26 -0.61	36.98 0.22 -0.44	38.78 0.15 -0.77	36.97 0.15 -0.65	37.14 0.04 -0.40	51.91 0.25 -1.07	56.61 0.50 -0.84	58.67 0.76 0.31	55.25 0.61 0.26	48.00 0.53 0.18	39.36 0.24 0.00	34.72 0.14 0.00
NEG___GEN_MONROE 24207	35.50 -2.85 0.70	33.60 -2.65 0.06	31.57 -2.30 0.01	31.00 -2.05 0.00	32.14 -1.98 0.00	33.66 -1.88 0.00	35.38 -2.43 0.79	36.78 -2.35 2.11	36.71 -2.08 2.07	32.67 -1.94 0.70	32.34 -2.16 0.34	34.07 -2.24 0.49	33.59 -2.19 0.74	33.49 -2.29 0.54	34.35 -2.57 0.92	32.85 -2.68 0.65	33.85 -2.72 0.14	42.66 -3.90 4.03	47.44 -3.70 4.14	51.78 -3.14 3.30	49.36 -2.80 2.74	42.86 -2.81 1.98	37.21 -1.92 0.00	32.57 -2.01 0.01
NEPA___ENERGY 23901	32.50 -3.24 3.31	33.09 -2.94 0.28	30.87 -2.98 0.02	30.04 -3.01 0.00	31.10 -3.00 0.01	32.55 -2.99 0.01	32.16 -2.70 3.75	28.75 -2.52 9.97	28.83 -2.29 9.75	29.96 -2.05 3.31	30.99 -2.26 1.59	32.16 -2.32 2.32	30.76 -2.26 3.50	31.44 -2.32 2.55	31.00 -2.61 4.24	30.58 -2.61 3.00	33.57 -2.94 0.20	36.60 -3.79 10.19	41.65 -3.92 9.70	50.49 -3.55 4.19	47.80 -3.62 3.48	41.97 -3.15 2.54	36.11 -3.01 0.00	31.79 -2.77 0.02
NEVERSINK___HYD 23608	41.13 2.07 0.00	38.13 1.81 0.00	35.51 1.63 0.00	34.57 1.52 0.00	35.58 1.47 0.00	36.93 1.38 0.00	40.04 1.43 0.00	42.84 1.61 0.00	42.66 1.80 0.00	36.98 1.66 0.00	36.65 1.81 0.00	38.64 1.84 0.00	38.45 1.93 0.00	38.34 2.03 0.00	40.31 2.46 0.00	40.45 2.39 -1.88	46.83 2.46 -7.66	54.28 3.69 0.00	59.04 3.76 0.00	61.78 3.55 0.00	58.15 3.24 0.00	50.42 2.76 0.00	41.12 1.99 0.00	36.06 1.49 0.00
NEWKRMKL_115KV_TB1 55635	40.27 1.21 0.00	37.47 1.16 0.00	34.96 1.08 0.00	34.10 1.06 0.00	35.17 1.06 0.00	36.54 1.00 0.00	39.61 1.00 0.00	42.18 0.95 0.00	41.60 0.74 0.00	35.99 0.67 0.00	35.47 0.63 0.00	37.54 0.74 0.00	37.21 0.69 0.00	37.04 0.73 0.00	38.68 0.83 0.00	37.07 0.98 0.09	37.39 1.06 0.37	51.95 1.37 0.00	56.72 1.44 0.00	59.74 1.51 0.00	56.33 1.43 0.00	48.84 1.19 0.00	40.18 1.06 0.00	35.51 0.93 0.00
NEWTON___FALLS_HYD 23847	38.78 -0.27 0.00	35.95 -0.36 0.00	33.47 -0.41 0.00	32.68 -0.36 0.00	34.01 -0.10 0.00	35.54 0.00 0.00	38.84 0.23 0.00	41.24 0.00 0.00	40.74 -0.12 0.00	34.90 -0.42 0.00	34.18 -0.66 0.00	36.06 -0.74 0.00	35.68 -0.84 0.00	35.37 -0.94 0.00	36.64 -1.21 0.00	34.92 -1.27 0.00	35.34 -1.36 0.00	49.07 -1.52 0.00	54.56 -0.72 0.00	57.65 -0.58 0.00	54.69 -0.22 0.00	47.37 -0.29 0.00	38.93 -0.20 0.00	34.40 -0.17 0.00
NGRID_A1_DSASP 323792	31.36 -4.92 2.77	31.03 -5.05 0.24	29.42 -4.44 0.02	29.51 -3.54 0.00	29.98 -4.13 0.01	31.41 -4.12 0.01	31.18 -4.29 3.14	28.72 -4.16 8.35	28.97 -3.76 8.14	29.13 -3.43 2.77	29.86 -3.66 1.32	31.00 -3.86 1.94	29.76 -3.83 2.93	30.26 -3.92 2.14	30.01 -4.28 3.57	29.10 -4.56 2.52	31.63 -4.88 0.19	34.68 -6.83 9.07	39.20 -7.35 8.72	47.88 -6.17 4.17	45.73 -5.71 3.47	39.79 -5.34 2.53	34.74 -4.38 0.00	30.34 -4.22 0.02
NGRID_A2_DSASP 323793	31.36 -4.92 2.77	31.03 -5.05 0.24	29.42 -4.44 0.02	29.51 -3.54 0.00	29.98 -4.13 0.01	31.41 -4.12 0.01	31.18 -4.29 3.14	28.72 -4.16 8.35	28.97 -3.76 8.14	29.13 -3.43 2.77	29.86 -3.66 1.32	31.00 -3.86 1.94	29.76 -3.83 2.93	30.26 -3.92 2.14	30.01 -4.28 3.57	29.10 -4.56 2.52	31.63 -4.88 0.19	34.68 -6.83 9.07	39.20 -7.35 8.72	47.88 -6.17 4.17	45.73 -5.71 3.47	39.79 -5.34 2.53	34.74 -4.38 0.00	30.34 -4.22 0.02
NGRID_A4_DSASP 323807	31.36 -4.92 2.77	31.03 -5.05 0.24	29.42 -4.44 0.02	29.51 -3.54 0.00	29.98 -4.13 0.01	31.41 -4.12 0.01	31.18 -4.29 3.14	28.72 -4.16 8.35	28.97 -3.76 8.14	29.13 -3.43 2.77	29.86 -3.66 1.32	31.00 -3.86 1.94	29.76 -3.83 2.93	30.26 -3.92 2.14	30.01 -4.28 3.57	29.10 -4.56 2.52	31.63 -4.88 0.19	34.68 -6.83 9.07	39.20 -7.35 8.72	47.88 -6.17 4.17	45.73 -5.71 3.47	39.79 -5.34 2.53	34.74 -4.38 0.00	30.34 -4.22 0.02
NIAGARA_115E_LBMP 323715	31.55 -4.84 2.67	31.86 -4.21 0.24	29.90 -3.96 0.02	28.82 -4.23 0.00	30.42 -3.69 0.01	31.87 -3.66 0.01	31.42 -4.17 3.01	29.33 -3.92 7.99	29.17 -3.56 8.14	29.27 -3.28 2.77	29.96 -3.55 1.32	31.18 -3.75 1.87	30.02 -3.69 2.81	30.44 -3.81 2.06	30.05 -4.24 3.56	29.43 -4.23 2.52	31.52 -4.99 0.19	35.29 -6.22 9.07	40.09 -6.47 8.72	46.91 -7.16 4.16	44.81 -6.65 3.45	39.22 -5.91 2.53	34.58 -4.54 0.00	30.41 -4.15 0.02
NIAGARA_115W_LBMP 323714	31.38 -4.92 2.76	31.28 -4.79 0.24	29.35 -4.51 0.02	29.51 -3.54 0.00	29.91 -4.20 0.01	31.34 -4.19 0.01	31.20 -4.29 3.12	28.84 -4.08 8.32	29.06 -3.72 8.09	29.14 -3.43 2.75	29.83 -3.69 1.32	31.01 -3.86 1.93	29.77 -3.83 2.91	30.27 -3.92 2.12	29.94 -4.35 3.56	29.07 -4.60 2.52	31.56 -4.96 0.19	34.59 -6.93 9.07	38.93 -7.63 8.72	47.83 -6.23 4.17	45.73 -5.71 3.46	39.12 -6.01 2.53	34.62 -4.50 0.00	30.27 -4.29 0.02
NIAGARA_230_LBMP 323716	31.61 -4.81 2.65	31.95 -4.14 0.22	29.93 -3.93 0.02	29.44 -3.60 0.00	30.49 -3.62 0.01	31.94 -3.59 0.01	31.41 -4.21 2.99	29.27 -4.00 7.97	29.53 -3.64 7.70	29.35 -3.36 2.62	30.00 -3.59 1.25	31.16 -3.79 1.85	30.00 -3.73 2.79	30.43 -3.85 2.04	30.07 -4.24 3.54	29.41 -4.27 2.50	32.18 -4.33 0.19	35.31 -6.22 9.05	40.00 -6.58 8.70	47.92 -6.17 4.14	45.76 -5.71 3.44	40.00 -5.15 2.51	35.21 -3.91 0.00	30.82 -3.73 0.02
NIAGARA___115KV_198_GIBSON 55903	31.38 -4.92 2.76	30.96 -5.12 0.24	29.35 -4.51 0.02	29.51 -3.54 0.00	29.91 -4.20 0.01	31.34 -4.19 0.01	31.20 -4.29 3.12	28.75 -4.16 8.32	29.01 -3.76 8.09	29.14 -3.43 2.75	29.83 -3.69 1.32	31.01 -3.86 1.93	29.77 -3.83 2.91	30.27 -3.92 2.12	29.97 -4.32 3.56	29.07 -4.60 2.52	31.56 -4.95 0.19	34.58 -6.93 9.07	39.10 -7.46 8.72	47.89 -6.17 4.17	45.73 -5.71 3.46	39.79 -5.34 2.53	34.66 -4.46 0.00	30.27 -4.29 0.02
NIAGARA____ 23760	31.60 -4.81 2.65	31.94 -4.14 0.24	29.93 -3.93 0.02	29.44 -3.60 0.00	30.49 -3.62 0.01	31.94 -3.59 0.01	31.41 -4.21 3.00	29.27 -4.00 7.97	29.53 -3.64 7.70	29.35 -3.36 2.62	30.00 -3.59 1.25	31.16 -3.79 1.85	30.00 -3.73 2.79	30.43 -3.85 2.04	30.07 -4.24 3.55	29.41 -4.27 2.50	32.18 -4.33 0.19	35.31 -6.22 9.06	39.99 -6.58 8.71	47.91 -6.17 4.14	45.75 -5.71 3.44	39.99 -5.15 2.51	35.21 -3.91 0.00	30.82 -3.73 0.02
NINE_MILE_1 23575	37.81 -1.25 0.00	35.15 -1.16 0.00	32.79 -1.09 0.00	32.06 -0.99 0.00	33.13 -0.99 0.00	34.51 -1.03 0.00	37.41 -1.20 0.00	40.00 -1.24 0.00	39.68 -1.19 0.00	34.26 -1.06 0.00	33.76 -1.08 0.00	35.66 -1.14 0.00	35.39 -1.13 0.00	35.15 -1.16 0.00	36.49 -1.36 0.00	34.81 -1.37 0.00	34.44 -1.43 0.83	33.47 -1.92 15.20	36.38 -1.99 16.91	36.15 -1.92 20.16	36.34 -1.81 16.75	34.03 -1.62 12.01	37.91 -1.21 0.00	33.54 -1.04 0.00

NINE_MILE_2 23744	37.81 -1.25 0.00	35.19 -1.13 0.00	32.83 -1.05 0.00	32.06 -0.99 0.00	33.13 -0.99 0.00	34.51 -1.03 0.00	37.41 -1.20 0.00	40.00 -1.24 0.00	39.68 -1.19 0.00	34.26 -1.06 0.00	33.76 -1.08 0.00	35.66 -1.14 0.00	35.39 -1.13 0.00	35.19 -1.13 0.00	36.49 -1.36 0.00	34.81 -1.37 0.00	34.43 -1.43 0.84	33.27 -1.92 15.40	36.17 -1.99 17.13	35.89 -1.92 20.42	36.13 -1.81 16.97	33.87 -1.62 12.16	37.91 -1.21 0.00	33.54 -1.04 0.00
NM_CAPITAL___DRP 24208	40.35 1.29 0.00	37.55 1.23 0.00	35.03 1.15 0.00	34.17 1.12 0.00	35.24 1.13 0.00	36.61 1.07 0.00	39.69 1.08 0.00	42.31 1.07 0.00	41.76 0.90 0.00	36.13 0.81 0.00	35.64 0.80 0.00	37.68 0.88 0.00	37.40 0.88 0.00	37.18 0.87 0.00	38.87 1.02 0.00	37.34 1.16 0.00	37.95 1.25 0.00	52.21 1.62 0.00	56.88 1.60 0.00	59.92 1.69 0.00	56.44 1.54 0.00	48.94 1.29 0.00	40.26 1.13 0.00	35.58 1.00 0.00
NM_CENTRAL___DRP 24181	38.43 -0.62 0.00	35.70 -0.62 0.00	33.34 -0.54 0.00	32.55 -0.50 0.00	33.67 -0.44 0.00	35.12 -0.43 0.00	38.11 -0.50 0.00	40.74 -0.49 0.00	40.42 -0.45 0.00	34.90 -0.42 0.00	34.35 -0.49 0.00	36.28 -0.52 0.00	36.04 -0.47 0.00	35.77 -0.54 0.00	37.17 -0.68 0.00	35.42 -0.76 0.00	35.85 -0.81 0.05	48.69 -1.06 0.83	53.41 -0.94 0.93	56.37 -0.76 1.11	53.27 -0.71 0.92	46.23 -0.76 0.66	38.54 -0.59 0.00	34.09 -0.48 0.00
NM_FRONTIER___DRP 24179	31.38 -4.92 2.76	30.96 -5.12 0.24	29.35 -4.51 0.02	29.51 -3.54 0.00	29.91 -4.20 0.01	31.34 -4.19 0.01	31.20 -4.29 3.12	28.75 -4.16 8.32	29.01 -3.76 8.09	29.14 -3.43 2.75	29.83 -3.69 1.32	31.01 -3.86 1.93	29.77 -3.83 2.91	30.27 -3.92 2.12	29.97 -4.32 3.56	29.07 -4.60 2.52	31.56 -4.95 0.19	34.58 -6.93 9.07	39.10 -7.46 8.72	47.89 -6.17 4.17	45.73 -5.71 3.46	39.79 -5.34 2.53	34.66 -4.46 0.00	30.27 -4.29 0.02
NM_ST_REGIS___HYD 24053	38.67 -0.39 0.00	35.91 -0.40 0.00	33.41 -0.47 0.00	32.58 -0.46 0.00	33.71 -0.41 0.00	35.26 -0.28 0.00	38.34 -0.27 0.00	40.58 -0.66 0.00	40.25 -0.61 0.00	34.61 -0.71 0.00	34.04 -0.80 0.00	35.95 -0.85 0.00	35.50 -1.02 0.00	35.30 -1.02 0.00	36.79 -1.06 0.00	35.02 -1.16 0.00	35.49 -1.21 0.00	48.97 -1.62 0.00	53.73 -1.55 0.00	56.72 -1.51 0.00	53.70 -1.21 0.00	46.65 -1.00 0.00	38.46 -0.67 0.00	34.02 -0.55 0.00
NORTHPORT___1 23551	42.62 3.55 -0.01	39.18 2.87 0.00	36.52 2.64 0.00	35.26 2.21 0.00	36.47 2.35 0.00	37.46 1.92 0.00	40.50 1.89 0.00	43.42 2.18 0.00	43.32 2.45 0.00	38.04 2.72 0.00	39.83 3.48 -1.50	43.37 3.53 -3.03	45.43 3.54 -5.37	48.01 3.67 -8.03	50.65 4.09 -8.71	50.60 3.98 -10.44	52.58 3.78 -12.10	57.12 4.55 -1.98	60.61 4.37 -0.96	63.42 3.96 -1.23	58.20 3.29 0.01	51.22 3.58 0.01	42.06 2.94 0.00	36.86 2.28 0.00
NORTHPORT___2 23552	42.62 3.55 -0.01	39.18 2.87 0.00	36.52 2.64 0.00	35.26 2.21 0.00	36.47 2.35 0.00	37.46 1.92 0.00	40.50 1.89 0.00	43.42 2.18 0.00	43.32 2.45 0.00	38.04 2.72 0.00	39.83 3.48 -1.50	43.37 3.53 -3.03	45.43 3.54 -5.37	48.01 3.67 -8.03	50.65 4.09 -8.71	50.60 3.98 -10.44	52.58 3.78 -12.10	57.12 4.55 -1.98	60.61 4.37 -0.96	63.42 3.96 -1.23	58.20 3.29 0.01	51.22 3.58 0.01	42.06 2.94 0.00	36.86 2.28 0.00
NORTHPORT___3 23553	42.58 3.52 -0.01	39.15 2.83 0.00	36.49 2.61 0.00	35.23 2.18 0.00	36.44 2.32 0.00	37.42 1.88 0.00	40.46 1.85 0.00	43.38 2.14 0.00	43.28 2.41 0.00	38.04 2.72 0.00	39.79 3.45 -1.50	43.33 3.50 -3.03	45.43 3.54 -5.37	47.98 3.63 -8.03	50.61 4.05 -8.71	50.61 3.94 -10.48	52.59 3.75 -12.14	57.08 4.45 -2.04	60.53 4.26 -0.99	63.34 3.84 -1.27	58.08 3.18 0.01	51.17 3.53 0.01	42.02 2.90 0.00	36.79 2.21 0.00
NORTHPORT___4 23650	42.58 3.52 -0.01	39.15 2.83 0.00	36.49 2.61 0.00	35.23 2.18 0.00	36.44 2.32 0.00	37.42 1.88 0.00	40.46 1.85 0.00	43.38 2.14 0.00	43.28 2.41 0.00	38.04 2.72 0.00	39.79 3.45 -1.50	43.33 3.50 -3.03	45.43 3.54 -5.37	47.98 3.63 -8.03	50.61 4.05 -8.71	50.61 3.94 -10.48	52.59 3.75 -12.14	57.08 4.45 -2.04	60.53 4.26 -0.99	63.34 3.84 -1.27	58.08 3.18 0.01	51.17 3.53 0.01	42.02 2.90 0.00	36.79 2.21 0.00
NORTHPORT___IC 23718	42.62 3.55 -0.01	39.22 2.91 0.00	36.52 2.64 0.00	35.26 2.21 0.00	36.47 2.35 0.00	37.53 1.99 0.00	40.54 1.93 0.00	43.55 2.31 0.00	43.60 2.74 0.00	38.04 2.72 0.00	39.83 3.48 -1.50	43.37 3.53 -3.03	45.43 3.54 -5.37	48.01 3.67 -8.03	50.57 4.01 -8.71	50.60 3.98 -10.44	52.62 3.82 -12.10	57.12 4.55 -1.98	60.55 4.31 -0.96	63.42 3.96 -1.23	57.92 3.02 0.01	51.41 3.76 0.01	42.10 2.97 0.00	36.86 2.28 0.00
NORTH___COUNTRY_ESR 323785	38.70 -0.35 0.00	35.91 -0.40 0.00	33.47 -0.41 0.00	32.62 -0.43 0.00	33.61 -0.51 0.00	35.12 -0.42 0.00	38.15 -0.46 0.00	40.66 -0.58 0.00	40.38 -0.49 0.00	34.86 -0.46 0.00	34.32 -0.52 0.00	36.28 -0.52 0.00	35.86 -0.66 0.00	35.66 -0.65 0.00	37.17 -0.68 0.00	35.53 -0.65 0.00	36.08 -0.62 0.00	49.78 -0.81 0.00	54.50 -0.77 0.00	57.47 -0.76 0.00	54.30 -0.60 0.00	47.18 -0.48 0.00	38.69 -0.43 0.00	34.16 -0.41 0.00
NPX_GEN_1385_PROXY 323591	42.66 3.59 -0.01	39.11 2.80 0.00	36.69 2.81 0.00	35.49 2.45 0.00	36.71 2.59 0.00	37.50 1.95 0.00	40.50 1.89 0.00	43.34 2.10 0.00	43.23 2.37 0.00	37.97 2.65 0.00	40.00 3.66 -1.50	43.29 3.46 -3.03	45.10 3.21 -5.37	47.65 3.30 -8.03	50.31 3.75 -8.71	50.38 3.76 -10.44	52.62 3.82 -12.10	57.17 4.60 -1.98	60.72 4.48 -0.96	63.54 4.07 -1.23	58.69 3.79 0.01	51.32 3.67 0.01	42.33 3.21 0.00	37.10 2.52 0.00
NPX_GEN_CSC 323557	43.20 4.14 -0.01	39.83 3.52 0.00	37.13 3.25 0.00	35.79 2.74 0.00	37.08 2.97 0.00	37.85 2.31 0.00	40.69 2.08 0.00	43.46 2.23 0.00	43.23 2.37 0.00	38.36 3.04 0.00	40.31 3.97 -1.50	43.88 4.05 -3.03	45.94 4.05 -5.37	48.38 4.03 -8.03	51.21 4.65 -8.71	51.24 4.27 -10.79	53.69 4.55 -12.43	58.60 5.61 -2.40	61.98 5.53 -1.17	64.73 5.01 -1.49	58.64 3.74 0.01	51.94 4.29 0.01	42.80 3.68 0.00	37.48 2.90 0.00
NSINS_S_GLNS_FALLS 23858	41.28 2.23 0.00	38.31 2.00 0.00	35.68 1.80 0.00	34.76 1.72 0.00	35.96 1.84 0.00	37.46 1.92 0.00	40.65 2.05 0.00	43.01 1.77 0.00	42.21 1.35 0.00	36.20 0.88 0.00	35.47 0.63 0.00	37.35 0.55 0.00	36.85 0.33 0.00	36.64 0.33 0.00	38.15 0.30 0.00	36.93 0.87 0.12	37.28 1.06 0.48	52.46 1.87 0.00	57.71 2.43 0.00	61.72 3.49 0.00	58.42 3.51 0.00	50.42 2.76 0.00	41.27 2.15 0.00	36.41 1.83 0.00
NUCOR_STEEL___DRP 24197	38.82 -0.23 0.00	36.10 -0.22 0.00	33.68 -0.20 0.00	32.88 -0.17 0.00	34.05 -0.07 0.00	35.54 0.00 0.00	38.53 -0.08 0.00	41.15 -0.08 0.00	41.88 -0.08 -1.10	35.48 -0.21 -0.37	34.70 -0.31 -0.18	36.73 -0.33 -0.26	36.62 -0.29 -0.39	36.24 -0.36 -0.29	37.85 -0.49 -0.49	35.95 -0.58 -0.35	36.09 -0.62 -0.01	50.79 -0.76 -0.96	54.84 -0.44 0.00	58.23 0.00 0.00	54.85 -0.05 0.00	47.51 -0.14 0.00	39.01 -0.12 0.00	34.44 -0.14 0.00

NUMBER_THREE_WT_PWR 323818	39.21 0.16 0.00	36.20 -0.11 0.00	33.71 -0.17 0.00	32.91 -0.13 0.00	34.42 0.31 0.00	35.86 0.32 0.00	39.07 0.46 0.00	41.65 0.41 0.00	41.11 0.25 0.00	35.21 -0.11 0.00	34.46 -0.38 0.00	36.28 -0.52 0.00	35.90 -0.62 0.00	35.55 -0.76 0.00	36.72 -1.13 0.00	35.06 -1.12 0.00	35.49 -1.21 0.00	49.37 -1.21 0.00	55.11 -0.17 0.00	58.23 0.00 0.00	55.29 0.39 0.00	47.89 0.24 0.00	39.28 0.16 0.00	34.68 0.10 0.00
NYISO_LBMP_REFERENCE 24008	39.06 0.00 0.00	36.31 0.00 0.00	33.88 0.00 0.00	33.05 0.00 0.00	34.12 0.00 0.00	35.54 0.00 0.00	38.61 0.00 0.00	41.24 0.00 0.00	40.87 0.00 0.00	35.32 0.00 0.00	34.84 0.00 0.00	36.80 0.00 0.00	36.52 0.00 0.00	36.31 0.00 0.00	37.85 0.00 0.00	36.18 0.00 0.00	36.70 0.00 0.00	50.59 0.00 0.00	55.28 0.00 0.00	58.23 0.00 0.00	54.91 0.00 0.00	47.65 0.00 0.00	39.12 0.00 0.00	34.58 0.00 0.00
NYPA_BRENTWD____GT 24164	43.25 4.18 -0.01	39.72 3.41 0.00	37.03 3.15 0.00	35.72 2.68 0.00	36.95 2.83 0.00	37.96 2.42 0.00	41.00 2.39 0.00	43.96 2.72 0.00	43.85 2.98 0.00	38.57 3.25 0.00	40.35 4.00 -1.50	43.95 4.12 -3.03	46.05 4.16 -5.37	48.59 4.25 -8.04	51.29 4.73 -8.71	52.09 4.56 -11.35	54.22 4.55 -12.96	59.43 5.76 -3.08	62.49 5.69 -1.52	65.48 5.35 -1.89	59.41 4.50 0.00	52.08 4.43 0.00	42.64 3.52 0.00	37.34 2.77 0.00
NYPA_GOWANUS____GT5 24156	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NYPA_GOWANUS____GT6 24157	42.46 3.40 -0.01	39.33 3.01 -0.01	36.53 2.64 -0.01	35.56 2.51 -0.01	36.54 2.42 0.00	37.78 2.24 0.00	41.00 2.39 0.00	44.12 2.89 0.00	43.89 3.02 0.00	38.18 2.86 0.00	38.09 3.20 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.20 4.09 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.95 5.36 0.00	60.03 4.75 0.00	62.43 4.19 0.00	58.81 3.90 0.00	51.47 3.81 0.00	41.74 2.62 0.00	36.79 2.21 0.00
NYPA_HARLEM__RVR__GT1 24160	42.14 3.08 0.00	39.04 2.72 0.00	36.18 2.30 0.00	35.29 2.25 0.00	36.12 2.01 0.01	37.45 1.92 0.01	40.72 2.12 0.01	43.83 2.60 0.01	43.64 2.78 0.01	37.96 2.65 0.01	37.91 3.03 -0.04	39.81 3.02 0.01	39.65 3.14 0.01	39.95 3.41 -0.23	41.96 3.86 -0.25	43.02 3.73 -3.11	50.87 3.71 -10.46	55.44 4.86 0.01	59.59 4.31 0.01	61.95 3.73 0.01	58.30 3.41 0.01	50.98 3.33 0.01	41.34 2.23 0.01	36.47 1.90 0.01
NYPA_HARLEM__RVR__GT2 24161	42.14 3.08 0.00	39.04 2.72 0.00	36.18 2.30 0.00	35.29 2.25 0.00	36.12 2.01 0.01	37.45 1.92 0.01	40.72 2.12 0.01	43.83 2.60 0.01	43.64 2.78 0.01	37.96 2.65 0.01	37.91 3.03 -0.04	39.81 3.02 0.01	39.65 3.14 0.01	39.95 3.41 -0.23	41.96 3.86 -0.25	43.02 3.73 -3.11	50.87 3.71 -10.46	55.44 4.86 0.01	59.59 4.31 0.01	61.95 3.73 0.01	58.30 3.41 0.01	50.98 3.33 0.01	41.34 2.23 0.01	36.47 1.90 0.01
NYPA_KENT____GT 24152	42.34 3.28 0.00	39.26 2.94 0.00	36.46 2.57 0.00	35.50 2.45 0.00	36.44 2.32 0.00	37.75 2.20 0.00	40.96 2.36 0.00	44.08 2.84 0.00	43.85 2.98 0.00	38.18 2.86 0.00	38.05 3.17 -0.04	40.07 3.27 0.00	39.92 3.40 0.00	40.11 3.56 -0.24	42.12 4.01 -0.26	43.17 3.87 -3.11	51.11 3.93 -10.47	55.80 5.21 0.00	59.97 4.70 0.00	62.37 4.13 0.00	58.75 3.84 0.00	51.37 3.72 0.00	41.66 2.54 0.00	36.72 2.14 0.00
NYPA_POUCH1____GT 24155	42.38 3.32 -0.01	39.26 2.94 -0.01	36.50 2.61 -0.01	35.53 2.48 -0.01	36.50 2.39 0.00	37.71 2.17 0.00	40.89 2.28 0.00	44.00 2.76 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.84 3.32 0.00	40.07 3.52 -0.24	42.08 3.97 -0.26	43.17 3.87 -3.11	51.11 3.93 -10.48	55.85 5.26 0.00	59.75 4.48 0.00	62.06 3.90 0.07	58.59 3.68 0.00	51.42 3.76 0.00	41.66 2.54 0.00	36.72 2.14 0.00
NYPA_VERNON____GT2 24162	42.22 3.16 0.00	39.15 2.83 0.00	36.35 2.47 0.00	35.39 2.35 0.00	36.33 2.22 0.00	37.67 2.13 0.00	40.93 2.32 0.00	44.04 2.81 0.00	43.85 2.98 0.00	38.15 2.83 0.00	38.02 3.14 -0.04	40.04 3.24 0.00	39.84 3.32 0.00	40.03 3.49 -0.24	42.01 3.90 -0.26	43.06 3.76 -3.11	50.99 3.82 -10.47	55.65 5.06 0.00	59.92 4.64 0.00	62.31 4.07 0.00	58.64 3.74 0.00	51.23 3.58 0.00	41.59 2.47 0.00	36.65 2.07 0.00
NYPA_VERNON____GT3 24163	42.22 3.16 0.00	39.15 2.83 0.00	36.35 2.47 0.00	35.39 2.35 0.00	36.33 2.22 0.00	37.67 2.13 0.00	40.93 2.32 0.00	44.04 2.81 0.00	43.85 2.98 0.00	38.15 2.83 0.00	38.02 3.14 -0.04	40.04 3.24 0.00	39.84 3.32 0.00	40.03 3.49 -0.24	42.01 3.90 -0.26	43.06 3.76 -3.11	50.99 3.82 -10.47	55.65 5.06 0.00	59.92 4.64 0.00	62.31 4.07 0.00	58.64 3.74 0.00	51.23 3.58 0.00	41.59 2.47 0.00	36.65 2.07 0.00
NYPA__ASTORIA_CC1 323568	42.18 3.13 0.00	39.11 2.80 0.00	36.32 2.44 0.00	35.36 2.31 0.00	36.30 2.19 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.00 2.76 0.00	43.77 2.90 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	40.00 3.45 -0.24	41.97 3.86 -0.26	43.03 3.73 -3.11	50.95 3.78 -10.47	55.60 5.01 0.00	59.81 4.53 0.00	62.19 3.96 0.00	58.53 3.62 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.62 2.04 0.00
NYPA__ASTORIA_CC2 323569	42.18 3.13 0.00	39.11 2.80 0.00	36.32 2.44 0.00	35.36 2.31 0.00	36.30 2.19 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.00 2.76 0.00	43.77 2.90 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	40.00 3.45 -0.24	41.97 3.86 -0.26	43.03 3.73 -3.11	50.95 3.78 -10.47	55.60 5.01 0.00	59.81 4.53 0.00	62.19 3.96 0.00	58.53 3.62 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.62 2.04 0.00
NYPA__HOLTSVILL 23794	43.05 3.99 -0.01	39.58 3.27 0.00	36.89 3.01 0.00	35.59 2.54 0.00	36.85 2.73 0.00	37.78 2.24 0.00	40.77 2.16 0.00	43.63 2.39 0.00	43.52 2.65 0.00	38.36 3.04 0.00	40.18 3.83 -1.50	43.66 3.83 -3.03	45.76 3.87 -5.37	48.31 3.96 -8.03	50.99 4.43 -8.71	51.17 4.23 -10.75	53.39 4.29 -12.40	58.30 5.36 -2.36	61.68 5.25 -1.15	64.59 4.89 -1.46	58.80 3.90 0.01	51.65 4.00 0.01	42.45 3.32 0.00	37.20 2.63 0.00
NYPA__HELLGATE_GT1 24158	42.14 3.08 0.00	39.04 2.72 0.00	36.18 2.30 0.00	35.29 2.25 0.00	36.12 2.01 0.01	37.45 1.92 0.01	40.72 2.12 0.01	43.83 2.60 0.01	43.64 2.78 0.01	37.96 2.65 0.01	37.91 3.03 -0.04	39.81 3.02 0.01	39.65 3.14 0.01	39.95 3.41 -0.23	41.96 3.86 -0.25	43.02 3.73 -3.11	50.87 3.71 -10.46	55.44 4.86 0.01	59.59 4.31 0.01	61.95 3.73 0.01	58.30 3.41 0.01	50.98 3.33 0.01	41.34 2.23 0.01	36.47 1.90 0.01

NYPA_____HELLGATE_GT2 24159	42.14	39.04	36.18	35.29	36.12	37.45	40.72	43.83	43.64	37.96	37.91	39.81	39.65	39.95	41.96	43.02	50.87	55.44	59.59	61.95	58.30	50.98	41.34	36.47
	3.08	2.72	2.30	2.25	2.01	1.92	2.12	2.60	2.78	2.65	3.03	3.02	3.14	3.41	3.86	3.73	3.71	4.86	4.31	3.73	3.41	3.33	2.23	1.90
	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	-0.04	0.01	0.01	-0.23	-0.25	-3.11	-10.46	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NYS_BARGE____HYD 23848	32.13	32.28	30.20	29.35	30.73	32.19	31.98	30.13	30.12	29.75	30.37	31.62	30.47	30.89	30.64	29.93	32.08	36.29	41.20	48.16	45.92	40.18	35.21	30.89
	-4.41	-3.81	-3.66	-3.70	-3.38	-3.34	-3.78	-3.55	-3.19	-3.00	-3.24	-3.42	-3.40	-3.49	-3.90	-3.91	-4.44	-5.72	-5.80	-6.00	-5.60	-5.00	-3.91	-3.67
	2.52	0.22	0.02	0.00	0.01	0.01	2.85	7.56	7.56	2.57	1.23	1.76	2.66	1.94	3.31	2.34	0.19	8.58	8.27	4.08	3.39	2.47	0.00	0.02
OAK ORCHARD____HYD 24046	35.67	33.97	31.71	31.16	32.27	33.76	35.52	37.12	37.10	32.83	32.49	34.28	33.79	33.70	34.54	33.07	34.07	43.08	47.86	51.93	49.56	43.12	37.28	32.64
	-2.77	-2.29	-2.17	-1.88	-1.84	-1.78	-2.39	-2.27	-1.96	-1.87	-2.06	-2.10	-2.08	-2.14	-2.50	-2.53	-2.50	-3.69	-3.48	-3.03	-2.63	-2.57	-1.84	-1.94
	0.61	0.05	0.00	0.00	0.00	0.00	0.69	1.85	1.81	0.61	0.29	0.43	0.64	0.47	0.81	0.57	0.14	3.82	3.94	3.27	2.71	1.95	0.00	0.00
OAKDALE____35_KV_LOAD 356122	39.77	36.47	33.95	33.08	34.22	35.62	39.51	43.36	42.99	36.12	35.24	37.39	37.36	36.94	38.80	36.98	37.09	51.92	56.58	58.50	55.14	47.86	39.24	34.65
	0.12	0.11	0.07	0.03	0.10	0.07	0.23	0.33	0.29	0.18	0.10	0.15	0.18	0.15	0.11	0.11	0.00	0.15	0.39	0.58	0.49	0.38	0.12	0.07
	-0.59	-0.05	0.00	0.00	0.00	0.00	-0.67	-1.79	-1.84	-0.63	-0.30	-0.44	-0.66	-0.48	-0.84	-0.69	-0.39	-1.18	-0.91	0.31	0.26	0.18	0.00	0.00
OCC_CHEM____DRP 24175	31.36	31.03	29.42	29.51	29.98	31.41	31.18	28.72	28.97	29.13	29.86	31.00	29.76	30.26	30.01	29.10	31.63	34.68	39.20	47.88	45.73	39.79	34.74	30.34
	-4.92	-5.05	-4.44	-3.54	-4.13	-4.12	-4.29	-4.16	-3.76	-3.43	-3.66	-3.86	-3.83	-3.92	-4.28	-4.56	-4.88	-6.83	-7.35	-6.17	-5.71	-5.34	-4.38	-4.22
	2.77	0.24	0.02	0.00	0.01	0.01	3.14	8.35	8.14	2.77	1.32	1.94	2.93	2.14	3.57	2.52	0.19	9.07	8.72	4.17	3.47	2.53	0.00	0.02
OH_GEN_PROXY 24063	31.83	32.00	30.00	29.48	30.53	31.98	31.69	29.91	30.10	29.60	30.16	31.40	30.27	30.68	30.51	29.75	32.30	36.10	40.80	48.19	46.00	40.15	35.29	30.89
	-4.77	-4.10	-3.86	-3.57	-3.58	-3.55	-4.13	-3.92	-3.60	-3.28	-3.52	-3.68	-3.65	-3.74	-4.12	-4.16	-4.22	-6.07	-6.36	-6.00	-5.54	-5.05	-3.83	-3.67
	2.46	0.21	0.02	0.00	0.01	0.01	2.79	7.41	7.17	2.44	1.17	1.72	2.60	1.89	3.22	2.27	0.18	8.42	8.12	4.05	3.36	2.45	0.00	0.02
OLIN_CORP_DRP 24177	31.51	31.60	29.93	28.91	30.42	31.87	31.34	29.02	28.97	29.21	29.97	31.13	29.94	30.39	30.07	29.39	31.63	35.26	39.90	47.13	44.91	39.20	34.74	30.48
	-4.80	-4.47	-3.93	-4.13	-3.68	-3.66	-4.17	-4.00	-3.60	-3.28	-3.52	-3.75	-3.69	-3.81	-4.16	-4.23	-4.88	-6.17	-6.58	-6.93	-6.53	-5.91	-4.38	-4.08
	2.74	0.24	0.02	0.00	0.01	0.01	3.10	8.22	8.30	2.82	1.35	1.92	2.89	2.11	3.61	2.56	0.19	9.16	8.80	4.17	3.47	2.54	0.00	0.02
OLIN_CORP_DSASP 323712	31.36	31.03	29.42	29.51	29.98	31.41	31.18	28.72	28.97	29.13	29.86	31.00	29.76	30.26	30.01	29.10	31.63	34.68	39.20	47.88	45.73	39.79	34.74	30.34
	-4.92	-5.05	-4.44	-3.54	-4.13	-4.12	-4.29	-4.16	-3.76	-3.43	-3.66	-3.86	-3.83	-3.92	-4.28	-4.56	-4.88	-6.83	-7.35	-6.17	-5.71	-5.34	-4.38	-4.22
	2.77	0.24	0.02	0.00	0.01	0.01	3.14	8.35	8.14	2.77	1.32	1.94	2.93	2.14	3.57	2.52	0.19	9.07	8.72	4.17	3.47	2.53	0.00	0.02
ONEIDA_HERK_LFGE 323681	39.45	36.53	34.08	33.28	34.66	36.08	39.26	41.86	41.36	35.57	34.91	36.84	36.52	36.24	37.59	35.93	36.41	50.49	55.83	58.87	55.68	48.27	39.59	34.92
	0.39	0.22	0.20	0.23	0.54	0.53	0.66	0.62	0.49	0.25	0.07	0.04	0.00	-0.07	-0.26	-0.25	-0.29	-0.10	0.55	0.64	0.77	0.62	0.47	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA____115KV_TB4 55905	39.53	36.71	34.25	33.44	34.76	36.22	39.38	42.02	41.52	35.71	35.08	37.06	36.77	36.53	37.96	36.29	36.75	50.51	55.68	58.76	55.52	48.17	39.75	35.10
	0.47	0.40	0.37	0.40	0.65	0.68	0.77	0.78	0.65	0.39	0.24	0.26	0.26	0.22	0.11	0.11	0.07	0.35	0.88	1.11	1.10	0.86	0.63	0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.44	0.49	0.58	0.48	0.34	0.00	0.00
ONONDAGA_REF_OCCRA 23987	38.63	35.88	33.47	32.68	33.81	35.26	38.26	40.91	40.58	35.00	34.46	36.43	36.15	35.91	37.32	35.60	36.05	49.18	53.95	57.03	53.86	46.75	38.73	34.27
	-0.43	-0.44	-0.41	-0.36	-0.31	-0.28	-0.35	-0.33	-0.29	-0.32	-0.38	-0.37	-0.37	-0.40	-0.53	-0.58	-0.62	-0.81	-0.66	-0.41	-0.38	-0.43	-0.39	-0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.60	0.67	0.79	0.66	0.47	0.00	0.00
ONONDAGA____COGEN 23986	38.67	35.91	33.54	32.75	33.88	35.33	38.34	40.95	40.62	35.04	34.49	36.43	36.19	35.91	37.32	35.60	36.04	49.73	54.62	57.82	54.47	47.18	38.77	34.27
	-0.39	-0.40	-0.34	-0.30	-0.24	-0.21	-0.27	-0.29	-0.25	-0.28	-0.35	-0.37	-0.33	-0.40	-0.53	-0.58	-0.66	-0.86	-0.66	-0.41	-0.44	-0.48	-0.35	-0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONTARIO____LFGE 23819	43.09	36.95	34.08	33.18	34.44	36.02	43.50	52.94	52.19	39.14	36.58	39.39	40.49	39.20	42.58	39.58	36.60	59.84	64.34	61.29	57.52	49.71	39.75	34.95
	0.39	0.33	0.17	0.13	0.31	0.46	0.77	0.74	0.61	0.18	0.00	0.04	0.11	0.07	-0.08	0.00	-0.18	0.20	0.88	1.69	1.48	1.19	0.62	0.35
	-3.64	-0.31	-0.03	0.00	-0.01	-0.01	-4.12	-10.96	-10.71	-3.64	-1.74	-2.55	-3.86	-2.81	-4.81	-3.40	-0.08	-9.05	-8.18	-1.36	-1.13	-0.87	0.00	-0.03
ORANGEVILLE_WT_PWR 323706	26.81	32.80	31.14	30.40	31.49	32.95	25.49	10.70	11.07	23.48	27.67	27.50	24.06	26.47	22.87	24.82	33.27	21.39	28.08	47.98	46.02	40.62	36.54	32.02
	-3.01	-2.72	-2.68	-2.64	-2.59	-2.56	-2.66	-2.72	-2.66	-2.61	-2.75	-2.83	-2.70	-2.72	-2.95	-2.86	-3.08	-3.95	-3.76	-3.32	-3.13	-2.77	-2.58	-2.49
	9.24	0.79	0.07	0.00	0.03	0.03	10.46	27.82	27.14	9.22	4.41	6.47	9.76	7.12	12.03	8.50	0.35	25.25	23.44	6.93	5.76	4.27	0.00	0.07
ORANGEVILLE____ESR 323794	26.81	32.80	31.14	30.40	31.49	32.95	25.49	10.70	11.07	23.48	27.67	27.50	24.06	26.47	22.87	24.82	33.27	21.39	28.08	47.98	46.02	40.62	36.54	32.02
	-3.01	-2.72	-2.68	-2.64	-2.59	-2.56	-2.66	-2.72	-2.66	-2.61	-2.75	-2.83	-2.70	-2.72	-2.95	-2.86	-3.08	-3.95	-3.76	-3.32	-3.13	-2.77	-2.58	-2.49
	9.24	0.79	0.07	0.00	0.03	0.03	10.46	27.82	27.14	9.22	4.41	6.47	9.76	7.12	12.03	8.50	0.35	25.25	23.44	6.93	5.76	4.27	0.00	0.07

OSWEGATCHIE___HYD 24044	38.79 -0.27 0.00	35.91 -0.40 0.00	33.47 -0.41 0.00	32.68 -0.36 0.00	34.05 -0.07 0.00	35.54 0.00 0.00	38.84 0.23 0.00	41.24 0.00 0.00	40.74 -0.12 0.00	34.90 -0.42 0.00	34.18 -0.66 0.00	36.06 -0.74 0.00	35.68 -0.84 0.00	35.37 -0.94 0.00	36.60 -1.25 0.00	34.92 -1.27 0.00	35.35 -1.36 0.00	49.07 -1.52 0.00	54.56 -0.72 0.00	57.65 -0.58 0.00	54.69 -0.22 0.00	47.42 -0.24 0.00	38.93 -0.19 0.00	34.41 -0.17 0.00
OSWEGO___5 23606	38.04 -1.02 0.00	35.41 -0.91 0.00	33.03 -0.85 0.00	32.25 -0.79 0.00	33.33 -0.78 0.00	34.76 -0.78 0.00	37.68 -0.93 0.00	40.25 -0.99 0.00	39.97 -0.90 0.00	34.47 -0.85 0.00	33.97 -0.87 0.00	35.88 -0.92 0.00	35.61 -0.91 0.00	35.37 -0.94 0.00	36.72 -1.13 0.00	35.06 -1.12 0.00	35.86 -1.18 -0.33	55.05 -1.62 -6.09	60.44 -1.60 -6.77	64.79 -1.51 -8.07	60.19 -1.43 -6.71	51.18 -1.28 -4.81	38.15 -0.98 0.00	33.75 -0.83 0.00
OSWEGO___6 23613	38.04 -1.02 0.00	35.41 -0.91 0.00	33.03 -0.85 0.00	32.25 -0.79 0.00	33.33 -0.78 0.00	34.76 -0.78 0.00	37.68 -0.93 0.00	40.25 -0.99 0.00	39.97 -0.90 0.00	34.47 -0.85 0.00	33.97 -0.87 0.00	35.88 -0.92 0.00	35.61 -0.91 0.00	35.37 -0.94 0.00	36.72 -1.13 0.00	35.06 -1.12 0.00	35.86 -1.18 -0.33	55.05 -1.62 -6.09	60.44 -1.60 -6.77	64.79 -1.51 -8.07	60.19 -1.43 -6.71	51.18 -1.28 -4.81	38.15 -0.98 0.00	33.75 -0.83 0.00
OUTOKUMPU-AB___DRP 24206	31.90 -4.22 2.94	31.99 -4.07 0.25	30.20 -3.66 0.02	29.71 -3.34 0.00	30.63 -3.48 0.01	32.08 -3.45 0.01	31.69 -3.59 3.33	28.97 -3.42 8.85	29.06 -3.11 8.70	29.54 -2.83 2.96	30.32 -3.10 1.41	31.54 -3.20 2.06	30.20 -3.21 3.10	30.78 -3.27 2.26	30.42 -3.63 3.80	29.73 -3.76 2.69	32.40 -4.11 0.19	35.63 -5.46 9.50	40.44 -5.75 9.09	48.94 -5.07 4.22	46.57 -4.83 3.51	40.61 -4.48 2.56	35.52 -3.60 0.00	31.06 -3.49 0.02
OXBOW___BTM 323836	31.67 -4.53 2.86	31.82 -4.25 0.25	29.83 -4.03 0.02	29.64 -3.40 0.00	30.35 -3.75 0.01	31.76 -3.77 0.01	31.47 -3.90 3.24	28.92 -3.71 8.60	29.09 -3.35 8.42	29.38 -3.07 2.86	30.13 -3.34 1.37	31.30 -3.50 2.00	30.03 -3.47 3.02	30.55 -3.56 2.20	30.19 -3.97 3.68	29.45 -4.13 2.61	32.07 -4.44 0.19	35.18 -6.12 9.29	39.85 -6.52 8.91	48.44 -5.59 4.20	46.26 -5.16 3.49	39.92 -5.19 2.54	35.13 -3.99 0.00	30.72 -3.84 0.02
OXBOW___ 24026	31.67 -4.53 2.86	31.53 -4.54 0.25	29.83 -4.03 0.02	29.64 -3.40 0.00	30.32 -3.79 0.01	31.77 -3.77 0.01	31.47 -3.90 3.24	28.88 -3.75 8.60	29.05 -3.39 8.42	29.35 -3.11 2.86	30.13 -3.34 1.37	31.30 -3.50 2.00	30.03 -3.47 3.02	30.55 -3.56 2.20	30.27 -3.90 3.68	29.45 -4.12 2.61	32.07 -4.44 0.19	35.18 -6.12 9.29	39.91 -6.47 8.91	48.50 -5.53 4.20	46.20 -5.22 3.49	40.30 -4.81 2.54	35.17 -3.95 0.00	30.72 -3.84 0.02
OXY_CHEM_DSASP 323612	31.36 -4.92 2.77	31.03 -5.05 0.24	29.42 -4.44 0.02	29.51 -3.54 0.00	29.98 -4.13 0.01	31.41 -4.12 0.01	31.18 -4.29 3.14	28.72 -4.16 8.35	28.97 -3.76 8.14	29.13 -3.43 2.77	29.86 -3.66 1.32	31.00 -3.86 1.94	29.76 -3.83 2.93	30.26 -3.92 2.14	30.01 -4.28 3.57	29.10 -4.56 2.52	31.63 -4.88 0.19	34.68 -6.83 9.07	39.20 -7.35 8.72	47.88 -6.17 4.17	45.73 -5.71 3.47	39.79 -5.34 2.53	34.74 -4.38 0.00	30.34 -4.22 0.02
OZONE_PARK_ESR 323760	42.49 3.44 0.00	39.44 3.12 0.00	36.56 2.68 0.00	35.52 2.48 0.00	36.57 2.46 0.00	37.92 2.38 0.00	41.23 2.63 0.00	44.41 3.18 0.00	44.22 3.35 0.00	38.39 3.07 0.00	38.26 3.38 -0.04	40.26 3.46 0.00	40.06 3.54 0.00	40.25 3.70 -0.23	42.15 4.05 -0.25	43.31 4.02 -3.11	51.25 4.07 -10.47	56.00 5.41 0.00	60.53 5.25 0.00	63.01 4.77 0.00	59.30 4.39 0.00	51.70 4.05 0.00	41.94 2.82 0.00	36.89 2.32 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.36 -4.92 2.77	31.03 -5.05 0.24	29.42 -4.44 0.02	29.51 -3.54 0.00	29.98 -4.13 0.01	31.41 -4.12 0.01	31.18 -4.29 3.14	28.72 -4.16 8.35	28.97 -3.76 8.14	29.13 -3.43 2.77	29.86 -3.66 1.32	31.00 -3.86 1.94	29.76 -3.83 2.93	30.26 -3.92 2.14	30.01 -4.28 3.57	29.10 -4.56 2.52	31.63 -4.88 0.19	34.68 -6.83 9.07	39.20 -7.35 8.72	47.88 -6.17 4.17	45.73 -5.71 3.47	39.79 -5.34 2.53	34.74 -4.38 0.00	30.34 -4.22 0.02
PACKARD___115KV_DUPONT_184 80571	31.36 -4.92 2.77	31.36 -4.72 0.24	29.42 -4.44 0.02	29.51 -3.54 0.00	29.98 -4.13 0.01	31.41 -4.12 0.01	31.18 -4.29 3.14	28.80 -4.08 8.35	29.01 -3.72 8.14	29.13 -3.43 2.77	29.86 -3.66 1.32	31.00 -3.86 1.94	29.76 -3.83 2.93	30.25 -3.92 2.14	29.93 -4.35 3.57	29.10 -4.56 2.52	31.63 -4.88 0.19	34.68 -6.83 9.07	39.04 -7.52 8.72	47.88 -6.17 4.17	45.73 -5.71 3.47	39.21 -5.91 2.53	34.70 -4.42 0.00	30.34 -4.22 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.18 3.12 0.00	39.15 2.83 0.00	36.25 2.37 0.00	35.19 2.15 0.00	36.20 2.08 0.00	37.53 1.99 0.00	40.73 2.12 0.00	43.88 2.64 0.00	43.69 2.82 0.00	37.97 2.65 0.00	37.84 2.96 -0.04	39.85 3.05 0.00	39.66 3.14 0.00	39.85 3.30 -0.24	41.74 3.63 -0.26	42.88 3.58 -3.11	50.81 3.63 -10.47	55.39 4.81 0.00	59.65 4.37 0.00	61.96 3.73 0.00	58.37 3.46 0.00	51.04 3.38 0.00	41.43 2.31 0.00	36.51 1.94 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.92 3.87 0.00	39.87 3.56 0.00	36.90 3.02 0.00	35.79 2.74 0.00	36.85 2.73 0.00	38.21 2.67 0.00	41.47 2.86 0.00	44.66 3.42 0.00	44.46 3.60 0.00	38.57 3.25 0.00	38.44 3.55 -0.04	40.44 3.64 0.00	40.24 3.72 0.00	40.43 3.89 -0.24	42.35 4.24 -0.26	43.46 4.16 -3.11	51.39 4.22 -10.47	56.20 5.62 0.00	60.59 5.31 0.00	63.01 4.77 0.00	59.30 4.39 0.00	51.80 4.15 0.00	42.02 2.90 0.00	37.03 2.45 0.00
PATROON___115KV_TB1 80586	40.38 1.33 0.00	37.58 1.27 0.00	35.07 1.19 0.00	34.17 1.12 0.00	35.28 1.16 0.00	36.64 1.10 0.00	39.73 1.12 0.00	42.31 1.07 0.00	41.68 0.82 0.00	36.06 0.74 0.00	35.54 0.70 0.00	37.61 0.81 0.00	37.32 0.80 0.00	37.11 0.80 0.00	38.76 0.91 0.00	37.15 1.05 0.08	37.50 1.14 0.34	52.10 1.52 0.00	56.88 1.60 0.00	59.98 1.75 0.00	56.55 1.65 0.00	48.99 1.33 0.00	40.30 1.17 0.00	35.61 1.04 0.00
PATTRSNVILLE___SOLAR 323815	40.54 1.48 0.00	37.66 1.34 0.00	35.13 1.25 0.00	34.27 1.22 0.00	35.38 1.26 0.00	36.82 1.28 0.00	39.92 1.31 0.00	42.35 1.11 0.00	41.52 0.65 0.00	35.75 0.43 0.00	35.19 0.35 0.00	37.21 0.41 0.00	36.88 0.37 0.00	36.68 0.36 0.00	38.38 0.53 0.00	36.69 0.65 0.14	36.85 0.73 0.58	51.90 1.31 0.00	56.99 1.72 0.00	60.50 2.27 0.00	57.16 2.25 0.00	49.46 1.81 0.00	40.53 1.41 0.00	35.79 1.21 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.97 -2.81 3.27	33.56 -2.47 0.28	30.94 -2.91 0.02	29.81 -3.24 0.00	30.93 -3.17 0.01	32.33 -3.20 0.01	32.71 -2.20 3.70	29.42 -1.98 9.84	29.51 -1.68 9.68	30.44 -1.59 3.29	31.42 -1.85 1.57	32.63 -1.88 2.29	31.24 -1.83 3.45	31.91 -1.89 2.52	31.48 -2.16 4.21	31.00 -2.21 2.98	33.64 -2.86 0.20	37.21 -3.19 10.19	42.36 -3.21 9.71	51.14 -2.85 4.24	48.09 -3.29 3.52	42.58 -2.53 2.55	35.84 -3.29 0.00	31.82 -2.73 0.02

PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.95 2.89 0.00	38.93 2.61 0.00	36.22 2.34 0.00	35.23 2.18 0.00	36.27 2.15 0.00	37.64 2.10 0.00	40.93 2.32 0.00	43.75 2.52 0.00	43.52 2.66 0.00	37.69 2.37 0.00	37.42 2.58 0.00	39.49 2.69 0.00	39.26 2.74 0.00	39.22 2.91 0.00	41.07 3.22 0.00	41.88 3.15 -2.54	50.32 3.27 -10.35	55.14 4.55 0.00	59.87 4.59 0.00	62.54 4.31 0.00	58.81 3.90 0.00	51.04 3.38 0.00	41.59 2.46 0.00	36.58 2.01 0.00
PEEKSKILL____ 23653	41.63 2.58 0.00	38.60 2.29 0.00	35.95 2.07 0.00	34.96 1.92 0.00	35.96 1.84 0.00	37.28 1.74 0.00	40.54 1.93 0.00	43.50 2.27 0.00	43.19 2.33 0.00	37.58 2.26 0.00	37.35 2.51 0.00	39.38 2.58 0.00	39.18 2.66 0.00	39.11 2.80 0.00	41.03 3.18 0.00	41.82 3.11 -2.53	50.14 3.16 -10.28	54.74 4.15 0.00	59.26 3.98 0.00	61.84 3.61 0.00	58.20 3.29 0.00	50.61 2.96 0.00	41.23 2.11 0.00	36.31 1.73 0.00
PGE MADISON__WINDPWR 24146	40.92 1.09 -0.77	37.40 1.02 -0.07	34.83 0.95 -0.01	34.04 0.99 0.00	35.72 1.60 0.00	37.25 1.71 0.00	41.45 1.97 -0.87	45.49 1.94 -2.32	44.88 1.51 -2.50	36.84 0.67 -0.85	35.60 0.35 -0.41	37.73 0.33 -0.60	37.86 0.44 -0.90	37.33 0.36 -0.66	39.21 0.23 -1.13	37.24 0.25 -0.80	36.85 0.15 0.00	53.54 1.11 -1.84	59.40 2.71 -1.41	61.44 3.32 0.11	58.11 3.29 0.09	50.22 2.62 0.06	41.00 1.88 0.00	36.07 1.49 -0.01
PIERCEFIELD____HYD 23852	38.51 -0.55 0.00	35.77 -0.54 0.00	33.27 -0.61 0.00	32.48 -0.56 0.00	33.64 -0.48 0.00	35.15 -0.39 0.00	38.26 -0.35 0.00	40.41 -0.82 0.00	40.09 -0.78 0.00	34.47 -0.85 0.00	33.86 -0.98 0.00	35.77 -1.03 0.00	35.35 -1.17 0.00	35.15 -1.16 0.00	36.60 -1.25 0.00	34.81 -1.37 0.00	35.23 -1.47 0.00	48.61 -1.97 0.00	53.40 -1.88 0.00	56.31 -1.92 0.00	53.26 -1.65 0.00	46.37 -1.29 0.00	38.26 -0.86 0.00	33.89 -0.69 0.00
PINELAWN_CC_1 323563	43.05 3.99 -0.01	39.54 3.23 0.00	36.83 2.95 0.00	35.56 2.51 0.00	36.78 2.66 0.00	37.78 2.24 0.00	40.89 2.28 0.00	43.84 2.60 0.00	43.77 2.90 0.00	38.43 3.11 0.00	40.14 3.80 -1.50	43.73 3.90 -3.03	45.87 3.98 -5.37	48.42 4.07 -8.04	51.11 4.54 -8.72	54.96 4.41 -14.37	56.93 4.40 -15.82	62.90 5.76 -6.55	64.17 5.69 -3.20	67.65 5.35 -4.07	59.52 4.61 0.00	51.89 4.24 0.00	42.45 3.32 0.00	37.14 2.56 0.00
PJM_GEN_HTP_PROXY 323702	42.06 3.01 0.00	38.96 2.65 0.00	36.22 2.34 0.00	35.23 2.18 0.00	36.23 2.12 0.00	37.57 2.02 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.91 3.03 -0.04	39.89 3.09 0.00	39.69 3.18 0.00	39.88 3.34 -0.23	41.85 3.75 -0.25	42.90 3.62 -3.10	50.84 3.67 -10.47	55.44 4.86 0.00	59.86 4.59 0.00	62.37 4.13 0.00	58.69 3.79 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.00 0.00
PJM_GEN_KEystone 24065	37.72 -0.43 0.91	34.50 -0.43 1.38	31.46 -0.54 1.88	30.47 -0.59 1.98	29.40 -0.65 4.07	30.20 -0.71 4.63	34.43 -0.54 3.64	38.26 -0.25 2.73	38.08 -0.12 2.66	34.38 -0.04 0.90	34.44 0.03 0.43	36.20 0.04 0.63	35.67 0.11 0.96	35.78 0.15 0.68	36.93 0.23 1.15	36.91 0.18 -0.54	42.12 0.07 -5.35	47.53 0.10 3.16	52.05 -0.17 3.06	56.32 -0.29 1.62	53.19 -0.38 1.34	46.44 -0.24 0.97	38.57 -0.55 0.00	33.95 -0.62 0.01
PJM_GEN_NEPTUNE_PROXY 323594	42.35 3.28 -0.01	38.96 2.65 0.00	36.28 2.41 0.00	35.10 2.05 0.00	36.23 2.12 0.00	37.32 1.78 0.00	40.39 1.78 0.00	43.30 2.06 0.00	43.19 2.33 0.00	37.90 2.58 0.00	39.58 3.24 -1.50	43.15 3.31 -3.03	45.24 3.36 -5.37	47.83 3.49 -8.03	50.45 3.90 -8.70	49.22 3.83 -9.20	51.52 3.89 -10.93	56.20 5.06 -0.56	60.46 4.92 -0.27	63.23 4.66 -0.34	58.96 4.06 0.01	51.12 3.48 0.01	41.78 2.66 0.00	36.62 2.04 0.00
PJM_GEN_VFT_PROXY 323633	41.91 2.85 0.00	38.82 2.50 0.00	36.08 2.20 0.00	35.13 2.08 0.00	36.06 1.94 0.00	37.42 1.88 0.00	40.69 2.08 0.00	43.79 2.56 0.00	43.56 2.70 0.00	37.93 2.61 0.00	37.81 2.93 -0.04	39.78 2.98 0.00	39.59 3.07 0.00	39.78 3.23 -0.23	41.74 3.63 -0.25	42.80 3.51 -3.11	50.73 3.56 -10.47	55.29 4.71 0.00	59.64 4.37 0.00	61.95 3.78 0.06	58.47 3.57 0.00	50.94 3.29 0.00	41.39 2.27 0.00	36.44 1.87 0.00
PLATSBURG_115KV_PMLD1 355749	39.14 0.08 0.00	36.35 0.04 0.00	33.81 -0.07 0.00	32.91 -0.13 0.00	33.95 -0.17 0.00	35.47 -0.07 0.00	38.57 -0.04 0.00	41.11 -0.12 0.00	40.83 -0.04 0.00	35.21 -0.11 0.00	34.67 -0.17 0.00	36.65 -0.15 0.00	36.23 -0.29 0.00	36.02 -0.29 0.00	37.55 -0.30 0.00	35.86 -0.33 0.00	36.45 -0.26 0.00	50.23 -0.35 0.00	55.06 -0.22 0.00	58.11 -0.12 0.00	54.91 0.00 0.00	47.65 0.00 0.00	39.16 0.04 0.00	34.51 -0.07 0.00
PLEASANTVLY____LBMP 24000	41.36 2.30 0.00	38.42 2.11 0.00	35.74 1.86 0.00	34.76 1.72 0.00	35.79 1.67 0.00	37.14 1.60 0.00	40.31 1.70 0.00	43.22 1.98 0.00	42.99 2.13 0.00	37.30 1.98 0.00	37.03 2.19 0.00	39.04 2.24 0.00	38.86 2.34 0.00	38.75 2.43 0.00	40.58 2.73 0.00	41.72 2.75 -2.79	50.84 2.79 -11.35	54.28 3.69 0.00	58.82 3.54 0.00	61.43 3.20 0.00	57.82 2.91 0.00	50.32 2.67 0.00	41.04 1.92 0.00	36.13 1.56 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.79 2.73 0.00	38.82 2.51 0.00	36.05 2.17 0.00	35.06 2.02 0.00	36.06 1.94 0.00	37.43 1.88 0.00	40.65 2.05 0.00	43.67 2.43 0.00	43.48 2.62 0.00	37.72 2.40 0.00	37.49 2.65 0.00	39.52 2.72 0.00	39.33 2.81 0.00	39.25 2.94 0.00	41.11 3.26 0.00	42.04 3.26 -2.60	50.60 3.30 -10.59	54.94 4.35 0.00	59.48 4.20 0.00	62.07 3.84 0.00	58.37 3.46 0.00	50.85 3.19 0.00	41.39 2.27 0.00	36.41 1.83 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.79 2.73 0.00	38.82 2.51 0.00	36.05 2.17 0.00	35.06 2.02 0.00	36.06 1.94 0.00	37.43 1.88 0.00	40.65 2.05 0.00	43.67 2.43 0.00	43.48 2.62 0.00	37.72 2.40 0.00	37.49 2.65 0.00	39.52 2.72 0.00	39.33 2.81 0.00	39.25 2.94 0.00	41.11 3.26 0.00	42.04 3.26 -2.60	50.60 3.30 -10.59	54.94 4.35 0.00	59.48 4.20 0.00	62.07 3.84 0.00	58.37 3.46 0.00	50.85 3.19 0.00	41.39 2.27 0.00	36.41 1.83 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.52 2.46 0.00	38.56 2.25 0.00	35.88 2.00 0.00	34.93 1.88 0.00	35.92 1.81 0.00	37.28 1.74 0.00	40.46 1.85 0.00	43.26 2.02 0.00	43.11 2.25 0.00	37.33 2.01 0.00	37.03 2.19 0.00	39.04 2.24 0.00	38.82 2.30 0.00	38.71 2.40 0.00	40.61 2.76 0.00	41.28 2.79 -2.31	48.96 2.86 -9.40	54.74 4.15 0.00	59.37 4.09 0.00	62.13 3.90 0.00	58.48 3.57 0.00	50.75 3.10 0.00	41.43 2.31 0.00	36.38 1.80 0.00
POLETTI____ 23519	42.06 3.01 0.00	39.07 2.76 0.00	36.25 2.37 0.00	35.23 2.18 0.00	36.27 2.15 0.00	37.60 2.06 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.77 2.90 0.00	38.04 2.72 0.00	37.88 3.00 -0.04	39.89 3.09 0.00	39.70 3.18 0.00	39.85 3.30 -0.24	41.74 3.63 -0.25	42.91 3.62 -3.11	50.84 3.67 -10.47	55.44 4.86 0.00	59.87 4.59 0.00	62.31 4.08 0.00	58.70 3.79 0.00	51.18 3.53 0.00	41.55 2.43 0.00	36.58 2.01 0.00

POMONA___ESR 323819	41.59 2.54 0.00	38.57 2.25 0.00	35.88 2.00 0.00	34.93 1.88 0.00	35.89 1.77 0.00	37.25 1.71 0.00	40.46 1.85 0.00	43.42 2.18 0.00	43.15 2.29 0.00	37.51 2.19 0.00	37.28 2.44 0.00	39.30 2.50 0.00	39.11 2.59 0.00	39.04 2.72 0.00	40.99 3.14 0.00	41.68 3.07 -2.43	49.70 3.12 -9.88	54.74 4.15 0.00	59.26 3.98 0.00	61.84 3.61 0.00	58.20 3.29 0.00	50.61 2.96 0.00	41.23 2.11 0.00	36.27 1.69 0.00
PORT_JEFF_3 23555	43.16 4.10 -0.01	39.69 3.38 0.00	36.99 3.11 0.00	35.69 2.64 0.00	36.95 2.83 0.00	37.85 2.31 0.00	40.85 2.24 0.00	43.75 2.52 0.00	43.60 2.74 0.00	38.46 3.14 0.00	40.28 3.94 -1.50	43.81 3.98 -3.03	45.90 4.02 -5.37	48.45 4.10 -8.03	51.14 4.58 -8.71	51.35 4.38 -10.79	53.57 4.44 -12.43	58.60 5.61 -2.40	61.98 5.53 -1.17	64.84 5.13 -1.49	59.02 4.12 0.01	51.84 4.19 0.01	42.57 3.44 0.00	37.31 2.73 0.00
PORT_JEFF_4 23616	43.16 4.10 -0.01	39.69 3.38 0.00	36.99 3.11 0.00	35.69 2.64 0.00	36.95 2.83 0.00	37.85 2.31 0.00	40.85 2.24 0.00	43.75 2.52 0.00	43.60 2.74 0.00	38.46 3.14 0.00	40.28 3.94 -1.50	43.81 3.98 -3.03	45.90 4.02 -5.37	48.45 4.10 -8.03	51.14 4.58 -8.71	51.35 4.38 -10.79	53.57 4.44 -12.43	58.60 5.61 -2.40	61.98 5.53 -1.17	64.84 5.13 -1.49	59.02 4.12 0.01	51.84 4.19 0.01	42.57 3.44 0.00	37.31 2.73 0.00
PORT_JEFF_IC 23713	43.24 4.18 -0.01	39.84 3.52 0.00	37.06 3.18 0.00	35.72 2.68 0.00	37.02 2.90 0.00	37.99 2.45 0.00	40.93 2.32 0.00	43.92 2.68 0.00	44.05 3.19 0.00	38.53 3.21 0.00	40.35 4.01 -1.50	43.88 4.05 -3.03	45.98 4.09 -5.37	48.52 4.18 -8.03	51.18 4.62 -8.71	51.56 4.49 -10.89	53.82 4.59 -12.53	58.87 5.77 -2.52	62.15 5.64 -1.23	65.03 5.24 -1.56	58.80 3.90 0.00	52.18 4.53 0.00	42.68 3.56 0.00	37.38 2.80 0.00
PPL PILGRIM_ST_GT1 24216	43.25 4.18 -0.01	39.72 3.41 0.00	37.03 3.15 0.00	35.72 2.68 0.00	36.95 2.83 0.00	37.96 2.42 0.00	41.00 2.39 0.00	43.96 2.72 0.00	43.85 2.98 0.00	38.57 3.25 0.00	40.35 4.00 -1.50	43.95 4.12 -3.03	46.05 4.16 -5.37	48.59 4.25 -8.04	51.29 4.73 -8.71	52.09 4.56 -11.35	54.22 4.55 -12.96	59.43 5.76 -3.08	62.49 5.69 -1.52	65.48 5.35 -1.89	59.41 4.50 0.00	52.08 4.43 0.00	42.64 3.52 0.00	37.34 2.77 0.00
PPL PILGRIM_ST_GT2 24217	43.25 4.18 -0.01	39.72 3.41 0.00	37.03 3.15 0.00	35.72 2.68 0.00	36.95 2.83 0.00	37.96 2.42 0.00	41.00 2.39 0.00	43.96 2.72 0.00	43.85 2.98 0.00	38.57 3.25 0.00	40.35 4.00 -1.50	43.95 4.12 -3.03	46.05 4.16 -5.37	48.59 4.25 -8.04	51.29 4.73 -8.71	52.09 4.56 -11.35	54.22 4.55 -12.96	59.43 5.76 -3.08	62.49 5.69 -1.52	65.48 5.35 -1.89	59.41 4.50 0.00	52.08 4.43 0.00	42.64 3.52 0.00	37.34 2.77 0.00
PPL_SHRM_GT3 24213	43.25 4.18 -0.01	39.87 3.56 0.00	37.16 3.29 0.00	35.82 2.78 0.00	37.08 2.97 0.00	37.89 2.35 0.00	40.73 2.12 0.00	43.50 2.27 0.00	43.23 2.37 0.00	38.36 3.04 0.00	40.31 3.97 -1.50	43.84 4.01 -3.03	45.94 4.05 -5.37	48.38 4.03 -8.03	51.21 4.65 -8.71	51.29 4.27 -10.84	53.73 4.55 -12.48	58.71 5.66 -2.46	62.06 5.58 -1.20	64.82 5.06 -1.52	58.69 3.79 0.00	51.98 4.34 0.00	42.80 3.68 0.00	37.48 2.90 0.00
PPL_SHRM_GT4 24214	43.25 4.18 -0.01	39.87 3.56 0.00	37.16 3.29 0.00	35.82 2.78 0.00	37.08 2.97 0.00	37.89 2.35 0.00	40.73 2.12 0.00	43.50 2.27 0.00	43.23 2.37 0.00	38.36 3.04 0.00	40.31 3.97 -1.50	43.84 4.01 -3.03	45.94 4.05 -5.37	48.38 4.03 -8.03	51.21 4.65 -8.71	51.29 4.27 -10.84	53.73 4.55 -12.48	58.71 5.66 -2.46	62.06 5.58 -1.20	64.82 5.06 -1.52	58.69 3.79 0.00	51.98 4.34 0.00	42.80 3.68 0.00	37.48 2.90 0.00
PROJECT___ORANGE 1 24174	38.47 -0.59 0.00	35.73 -0.58 0.00	33.37 -0.51 0.00	32.58 -0.46 0.00	33.71 -0.41 0.00	35.15 -0.39 0.00	38.11 -0.50 0.00	40.74 -0.49 0.00	40.46 -0.41 0.00	34.93 -0.39 0.00	34.35 -0.49 0.00	36.32 -0.48 0.00	36.04 -0.47 0.00	35.80 -0.51 0.00	37.21 -0.64 0.00	35.46 -0.72 0.00	35.89 -0.77 0.05	48.73 -1.01 0.85	53.39 -0.94 0.94	56.41 -0.70 1.13	53.26 -0.71 0.94	46.27 -0.71 0.67	38.57 -0.55 0.00	34.13 -0.45 0.00
PROJECT___ORANGE 2 24166	38.47 -0.59 0.00	35.73 -0.58 0.00	33.37 -0.51 0.00	32.58 -0.46 0.00	33.71 -0.41 0.00	35.15 -0.39 0.00	38.11 -0.50 0.00	40.74 -0.49 0.00	40.46 -0.41 0.00	34.93 -0.39 0.00	34.35 -0.49 0.00	36.32 -0.48 0.00	36.04 -0.47 0.00	35.80 -0.51 0.00	37.21 -0.64 0.00	35.46 -0.72 0.00	35.89 -0.77 0.05	48.73 -1.01 0.85	53.39 -0.94 0.94	56.41 -0.70 1.13	53.26 -0.71 0.94	46.27 -0.71 0.67	38.57 -0.55 0.00	34.13 -0.45 0.00
PUCKETT___SOLAR 323809	40.12 0.51 -0.56	36.83 0.47 -0.05	34.26 0.37 0.00	33.41 0.36 0.00	34.66 0.54 0.00	36.11 0.57 0.00	39.97 0.73 -0.63	43.65 0.74 -1.67	43.19 0.53 -1.79	36.14 0.21 -0.61	35.20 0.07 -0.29	37.26 0.04 -0.43	37.27 0.11 -0.64	36.82 0.04 -0.47	38.63 -0.04 -0.81	36.85 0.00 -0.67	36.99 -0.07 -0.36	52.07 0.31 -1.17	57.08 0.94 -0.86	59.29 1.34 0.28	55.94 1.26 0.23	48.54 1.05 0.16	39.75 0.62 0.00	35.03 0.45 0.00
PYRITES___HYD 24023	38.94 -0.12 0.00	36.20 -0.11 0.00	33.68 -0.20 0.00	32.88 -0.17 0.00	34.18 0.07 0.00	35.72 0.18 0.00	38.88 0.27 0.00	41.03 -0.21 0.00	40.54 -0.33 0.00	34.79 -0.53 0.00	34.14 -0.70 0.00	36.06 -0.74 0.00	35.64 -0.88 0.00	35.44 -0.87 0.00	36.90 -0.95 0.00	35.13 -1.05 0.00	35.64 -1.06 0.00	49.27 -1.32 0.00	54.23 -1.05 0.00	57.30 -0.93 0.00	54.30 -0.60 0.00	47.22 -0.43 0.00	38.93 -0.20 0.00	34.40 -0.17 0.00
QUAKERRD_115KV_BK1 80622	35.33 -3.09 0.64	33.43 -2.83 0.05	31.40 -2.47 0.00	30.86 -2.18 0.00	31.93 -2.18 0.00	33.37 -2.17 0.00	35.10 -2.78 0.73	36.54 -2.76 1.93	36.51 -2.49 1.87	32.43 -2.26 0.63	32.13 -2.40 0.30	33.85 -2.50 0.44	33.36 -2.48 0.67	33.28 -2.54 0.49	34.17 -2.84 0.84	32.73 -2.86 0.60	33.74 -2.83 0.14	42.54 -4.15 3.90	47.17 -4.09 4.02	51.20 -3.73 3.30	48.81 -3.35 2.74	42.44 -3.24 1.98	36.81 -2.31 0.00	32.29 -2.28 0.00
QUENSBRY_115KV_TB8 356137	41.28 2.23 0.00	38.31 2.00 0.00	35.64 1.76 0.00	34.76 1.72 0.00	35.96 1.84 0.00	37.46 1.92 0.00	40.65 2.05 0.00	43.01 1.77 0.00	42.21 1.35 0.00	36.20 0.88 0.00	35.43 0.59 0.00	37.32 0.52 0.00	36.81 0.29 0.00	36.57 0.25 0.00	38.08 0.23 0.00	36.86 0.80 0.12	37.24 1.03 0.49	52.41 1.82 0.00	57.77 2.49 0.00	61.78 3.55 0.00	58.53 3.62 0.00	50.46 2.81 0.00	41.31 2.19 0.00	36.41 1.83 0.00
RAMAPO___LBMP 323565	41.40 2.34 0.00	38.46 2.14 0.00	35.74 1.86 0.00	34.76 1.72 0.00	35.79 1.67 0.00	37.11 1.56 0.00	40.31 1.70 0.00	43.30 2.06 0.00	43.07 2.21 0.00	37.40 2.08 0.00	37.17 2.33 0.00	39.19 2.39 0.00	38.97 2.45 0.00	38.89 2.58 0.00	40.77 2.91 0.00	41.47 2.89 -2.40	49.39 2.94 -9.75	54.48 3.90 0.00	58.98 3.70 0.00	61.55 3.32 0.00	57.93 3.02 0.00	50.42 2.76 0.00	41.08 1.96 0.00	36.13 1.56 0.00



RANKINE____ 23646	31.82 -3.67 3.56	32.66 -3.34 0.31	30.67 -3.18 0.03	29.84 -3.21 0.00	30.97 -3.14 0.01	32.40 -3.13 0.01	31.49 -3.09 4.03	27.54 -2.97 10.72	27.69 -2.66 10.52	29.31 -2.44 3.58	30.45 -2.68 1.71	31.51 -2.80 2.49	30.02 -2.74 3.76	30.77 -2.80 2.74	30.18 -3.10 4.57	29.80 -3.15 3.24	33.08 -3.41 0.21	35.16 -4.50 10.92	40.31 -4.59 10.38	49.68 -4.13 4.42	47.12 -4.12 3.67	41.31 -3.67 2.68	35.91 -3.21 0.00	31.54 -3.01 0.03
RAVENSWOOD_GT2_1 24244	42.10 3.05 0.00	39.07 2.76 0.00	36.25 2.37 0.00	35.23 2.18 0.00	36.27 2.15 0.00	37.60 2.06 0.00	40.85 2.24 0.00	44.00 2.76 0.00	43.81 2.94 0.00	38.04 2.72 0.00	37.88 3.00 -0.04	39.89 3.09 0.00	39.70 3.18 0.00	39.89 3.34 -0.24	41.74 3.63 -0.26	42.92 3.62 -3.11	50.84 3.67 -10.47	55.44 4.86 0.00	59.87 4.59 0.00	62.31 4.08 0.00	58.70 3.79 0.00	51.18 3.53 0.00	41.59 2.46 0.00	36.58 2.01 0.00
RAVENSWOOD_GT2_2 24245	42.10 3.05 0.00	39.07 2.76 0.00	36.25 2.37 0.00	35.23 2.18 0.00	36.27 2.15 0.00	37.60 2.06 0.00	40.85 2.24 0.00	44.00 2.76 0.00	43.81 2.94 0.00	38.04 2.72 0.00	37.88 3.00 -0.04	39.89 3.09 0.00	39.70 3.18 0.00	39.89 3.34 -0.24	41.74 3.63 -0.26	42.92 3.62 -3.11	50.84 3.67 -10.47	55.44 4.86 0.00	59.87 4.59 0.00	62.31 4.08 0.00	58.70 3.79 0.00	51.18 3.53 0.00	41.59 2.46 0.00	36.58 2.01 0.00
RAVENSWOOD_GT2_3 24246	42.10 3.05 0.00	39.07 2.76 0.00	36.25 2.37 0.00	35.26 2.21 0.00	36.27 2.15 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.00 2.76 0.00	43.81 2.94 0.00	38.04 2.72 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.70 3.18 0.00	39.89 3.34 -0.24	41.78 3.67 -0.26	42.92 3.62 -3.11	50.84 3.67 -10.47	55.44 4.86 0.00	59.92 4.64 0.00	62.36 4.13 0.00	58.70 3.79 0.00	51.18 3.53 0.00	41.59 2.46 0.00	36.62 2.04 0.00
RAVENSWOOD_GT2_4 24247	42.10 3.05 0.00	39.07 2.76 0.00	36.25 2.37 0.00	35.26 2.21 0.00	36.27 2.15 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.00 2.76 0.00	43.81 2.94 0.00	38.04 2.72 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.70 3.18 0.00	39.89 3.34 -0.24	41.78 3.67 -0.26	42.92 3.62 -3.11	50.84 3.67 -10.47	55.44 4.86 0.00	59.92 4.64 0.00	62.36 4.13 0.00	58.70 3.79 0.00	51.18 3.53 0.00	41.59 2.46 0.00	36.62 2.04 0.00
RAVENSWOOD_GT3_1 24248	42.10 3.05 0.00	39.07 2.76 0.00	36.25 2.37 0.00	35.23 2.18 0.00	36.27 2.15 0.00	37.60 2.06 0.00	40.85 2.24 0.00	44.00 2.76 0.00	43.81 2.94 0.00	38.04 2.72 0.00	37.88 3.00 -0.04	39.89 3.09 0.00	39.70 3.18 0.00	39.85 3.30 -0.24	41.74 3.63 -0.26	42.92 3.62 -3.11	50.84 3.67 -10.47	55.44 4.86 0.00	59.87 4.59 0.00	62.31 4.08 0.00	58.70 3.79 0.00	51.18 3.53 0.00	41.59 2.46 0.00	36.58 2.01 0.00
RAVENSWOOD_GT3_2 24249	42.10 3.05 0.00	39.07 2.76 0.00	36.25 2.37 0.00	35.23 2.18 0.00	36.27 2.15 0.00	37.60 2.06 0.00	40.85 2.24 0.00	44.00 2.76 0.00	43.81 2.94 0.00	38.04 2.72 0.00	37.88 3.00 -0.04	39.89 3.09 0.00	39.70 3.18 0.00	39.85 3.30 -0.24	41.74 3.63 -0.26	42.92 3.62 -3.11	50.84 3.67 -10.47	55.44 4.86 0.00	59.87 4.59 0.00	62.31 4.08 0.00	58.70 3.79 0.00	51.18 3.53 0.00	41.59 2.46 0.00	36.58 2.01 0.00
RAVENSWOOD_GT3_3 24250	42.14 3.09 0.00	39.15 2.83 0.00	36.32 2.44 0.00	35.29 2.25 0.00	36.33 2.22 0.00	37.67 2.13 0.00	40.93 2.32 0.00	44.08 2.85 0.00	43.89 3.02 0.00	38.11 2.79 0.00	37.95 3.07 -0.04	39.96 3.16 0.00	39.77 3.25 0.00	39.96 3.41 -0.24	41.85 3.75 -0.26	42.99 3.69 -3.11	50.92 3.74 -10.47	55.54 4.96 0.00	59.98 4.70 0.00	62.42 4.19 0.00	58.81 3.90 0.00	51.27 3.62 0.00	41.63 2.50 0.00	36.65 2.07 0.00
RAVENSWOOD_GT3_4 24251	42.14 3.09 0.00	39.15 2.83 0.00	36.32 2.44 0.00	35.29 2.25 0.00	36.33 2.22 0.00	37.67 2.13 0.00	40.93 2.32 0.00	44.08 2.85 0.00	43.89 3.02 0.00	38.11 2.79 0.00	37.95 3.07 -0.04	39.96 3.16 0.00	39.77 3.25 0.00	39.96 3.41 -0.24	41.85 3.75 -0.26	42.99 3.69 -3.11	50.92 3.74 -10.47	55.54 4.96 0.00	59.98 4.70 0.00	62.42 4.19 0.00	58.81 3.90 0.00	51.27 3.62 0.00	41.63 2.50 0.00	36.65 2.07 0.00
RAVENSWOOD_GT_1 23729	42.22 3.16 0.00	39.22 2.91 0.00	36.35 2.47 0.00	35.36 2.31 0.00	36.37 2.25 0.00	37.71 2.17 0.00	40.93 2.32 0.00	44.08 2.85 0.00	43.89 3.02 0.00	38.15 2.83 0.00	38.02 3.14 -0.04	40.04 3.24 0.00	39.84 3.32 0.00	40.03 3.49 -0.24	41.93 3.82 -0.26	43.06 3.76 -3.11	50.99 3.82 -10.47	55.65 5.06 0.00	59.92 4.64 0.00	62.31 4.08 0.00	58.70 3.79 0.00	51.27 3.62 0.00	41.63 2.50 0.00	36.65 2.07 0.00
RAVENSWOOD_GT_10 24258	42.06 3.01 0.00	39.07 2.76 0.00	36.25 2.37 0.00	35.23 2.18 0.00	36.27 2.15 0.00	37.60 2.06 0.00	40.85 2.24 0.00	44.00 2.76 0.00	43.77 2.90 0.00	38.04 2.72 0.00	37.88 3.00 -0.04	39.89 3.09 0.00	39.70 3.18 0.00	39.85 3.30 -0.24	41.74 3.63 -0.26	42.92 3.62 -3.11	50.84 3.67 -10.47	55.44 4.86 0.00	59.87 4.59 0.00	62.31 4.08 0.00	58.70 3.79 0.00	51.18 3.53 0.00	41.59 2.46 0.00	36.58 2.01 0.00
RAVENSWOOD_GT_11 24259	42.06 3.01 0.00	39.07 2.76 0.00	36.25 2.37 0.00	35.23 2.18 0.00	36.27 2.15 0.00	37.60 2.06 0.00	40.85 2.24 0.00	44.00 2.76 0.00	43.77 2.90 0.00	38.04 2.72 0.00	37.88 3.00 -0.04	39.89 3.09 0.00	39.70 3.18 0.00	39.85 3.30 -0.24	41.74 3.63 -0.26	42.92 3.62 -3.11	50.84 3.67 -10.47	55.44 4.86 0.00	59.87 4.59 0.00	62.31 4.08 0.00	58.70 3.79 0.00	51.18 3.53 0.00	41.59 2.46 0.00	36.58 2.01 0.00
RAVENSWOOD_GT_4 24252	42.14 3.09 0.00	39.11 2.80 0.00	36.28 2.41 0.00	35.26 2.21 0.00	36.30 2.18 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.00 2.76 0.00	43.81 2.94 0.00	38.08 2.75 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.73 3.21 0.00	39.93 3.38 -0.24	41.82 3.71 -0.26	42.95 3.65 -3.11	50.88 3.71 -10.47	55.49 4.91 0.00	59.87 4.59 0.00	62.31 4.08 0.00	58.64 3.73 0.00	51.18 3.53 0.00	41.59 2.46 0.00	36.62 2.04 0.00
RAVENSWOOD_GT_5 24254	42.14 3.09 0.00	39.11 2.80 0.00	36.28 2.41 0.00	35.26 2.21 0.00	36.30 2.18 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.00 2.76 0.00	43.81 2.94 0.00	38.08 2.75 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.73 3.21 0.00	39.93 3.38 -0.24	41.82 3.71 -0.26	42.95 3.65 -3.11	50.88 3.71 -10.47	55.49 4.91 0.00	59.87 4.59 0.00	62.31 4.08 0.00	58.64 3.73 0.00	51.18 3.53 0.00	41.59 2.46 0.00	36.62 2.04 0.00
RAVENSWOOD_GT_6 24253	42.14 3.09 0.00	39.11 2.80 0.00	36.28 2.41 0.00	35.26 2.21 0.00	36.30 2.18 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.00 2.76 0.00	43.81 2.94 0.00	38.08 2.75 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.73 3.21 0.00	39.93 3.38 -0.24	41.82 3.71 -0.26	42.95 3.65 -3.11	50.88 3.71 -10.47	55.49 4.91 0.00	59.87 4.59 0.00	62.31 4.08 0.00	58.64 3.73 0.00	51.18 3.53 0.00	41.59 2.46 0.00	36.62 2.04 0.00

RAVENSWOOD_GT_7 24255	42.14 3.09 0.00	39.11 2.80 0.00	36.28 2.41 0.00	35.26 2.21 0.00	36.30 2.18 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.00 2.76 0.00	43.81 2.94 0.00	38.08 2.75 0.00	37.91 3.03 -0.04	39.93 3.13 0.00	39.73 3.21 0.00	39.93 3.38 -0.24	41.82 3.71 -0.26	42.95 3.65 -3.11	50.88 3.71 -10.47	55.49 4.91 0.00	59.87 4.59 0.00	62.31 4.08 0.00	58.64 3.73 0.00	51.18 3.53 0.00	41.59 2.46 0.00	36.62 2.04 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.06 3.01 0.00	39.07 2.76 0.00	36.25 2.37 0.00	35.23 2.18 0.00	36.27 2.15 0.00	37.60 2.06 0.00	40.85 2.24 0.00	44.00 2.76 0.00	43.77 2.90 0.00	38.04 2.72 0.00	37.88 3.00 -0.04	39.89 3.09 0.00	39.70 3.18 0.00	39.85 3.30 -0.24	41.74 3.63 -0.26	42.92 3.62 -3.11	50.84 3.67 -10.47	55.44 4.86 0.00	59.87 4.59 0.00	62.31 4.08 0.00	58.70 3.79 0.00	51.18 3.53 0.00	41.59 2.46 0.00	36.58 2.01 0.00
RAVENSWOOD_GT_9 24257	42.06 3.01 0.00	39.07 2.76 0.00	36.25 2.37 0.00	35.23 2.18 0.00	36.27 2.15 0.00	37.60 2.06 0.00	40.85 2.24 0.00	44.00 2.76 0.00	43.77 2.90 0.00	38.04 2.72 0.00	37.88 3.00 -0.04	39.89 3.09 0.00	39.70 3.18 0.00	39.85 3.30 -0.24	41.74 3.63 -0.26	42.92 3.62 -3.11	50.84 3.67 -10.47	55.44 4.86 0.00	59.87 4.59 0.00	62.31 4.08 0.00	58.70 3.79 0.00	51.18 3.53 0.00	41.59 2.46 0.00	36.58 2.01 0.00
RAVENSWOOD____1 23533	42.22 3.16 0.00	39.11 2.80 0.00	36.35 2.47 0.00	35.39 2.35 0.00	36.33 2.22 0.00	37.64 2.10 0.00	40.93 2.32 0.00	44.04 2.81 0.00	43.81 2.94 0.00	38.15 2.83 0.00	38.02 3.14 -0.04	40.04 3.24 0.00	39.84 3.32 0.00	40.03 3.49 -0.24	42.01 3.90 -0.26	43.06 3.76 -3.11	50.99 3.82 -10.47	55.65 5.06 0.00	59.86 4.59 0.00	62.31 4.07 0.00	58.64 3.74 0.00	51.23 3.58 0.00	41.59 2.47 0.00	36.65 2.07 0.00
RAVENSWOOD____2 23534	42.22 3.16 0.00	39.11 2.80 0.00	36.32 2.44 0.00	35.36 2.31 0.00	36.33 2.22 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.04 2.81 0.00	43.81 2.94 0.00	38.11 2.79 0.00	38.02 3.14 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	40.00 3.45 -0.24	42.01 3.90 -0.26	43.03 3.73 -3.11	50.95 3.78 -10.47	55.60 5.01 0.00	59.86 4.59 0.00	62.31 4.07 0.00	58.64 3.74 0.00	51.18 3.53 0.00	41.55 2.43 0.00	36.65 2.07 0.00
RAVENSWOOD____3 23535	42.11 3.05 0.00	39.00 2.69 0.00	36.25 2.37 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.60 2.06 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.73 2.86 0.00	38.04 2.72 0.00	37.88 3.00 -0.04	39.89 3.09 0.00	39.69 3.18 0.00	39.89 3.34 -0.24	41.85 3.75 -0.26	42.92 3.62 -3.11	50.84 3.67 -10.47	55.44 4.86 0.00	59.86 4.59 0.00	62.37 4.13 0.00	58.69 3.79 0.00	51.13 3.48 0.00	41.55 2.43 0.00	36.58 2.00 0.00
RAVENSWOOD____4 23820	42.18 3.13 0.00	39.11 2.80 0.00	36.32 2.44 0.00	35.36 2.31 0.00	36.30 2.19 0.00	37.64 2.10 0.00	40.89 2.28 0.00	44.04 2.81 0.00	43.81 2.94 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	40.00 3.45 -0.24	41.97 3.86 -0.26	43.03 3.73 -3.11	50.95 3.78 -10.47	55.60 5.01 0.00	59.86 4.59 0.00	62.31 4.07 0.00	58.64 3.74 0.00	51.18 3.53 0.00	41.55 2.43 0.00	36.62 2.04 0.00
RCPL_TRUST____DRP 24196	42.14 3.09 0.00	39.11 2.80 0.00	36.29 2.41 0.00	35.26 2.21 0.00	36.30 2.18 0.00	37.67 2.13 0.00	40.93 2.32 0.00	44.08 2.85 0.00	43.89 3.02 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	39.96 3.16 0.00	39.77 3.25 0.00	39.96 3.41 -0.23	41.85 3.75 -0.25	43.01 3.73 -3.10	50.92 3.74 -10.47	55.54 4.96 0.00	59.98 4.70 0.00	62.48 4.25 0.00	58.81 3.90 0.00	51.23 3.57 0.00	41.63 2.50 0.00	36.65 2.07 0.00
RED____ROCHESTER 323720	35.93 -2.50 0.63	34.19 -2.07 0.05	31.91 -1.97 0.00	31.36 -1.68 0.00	32.48 -1.64 0.00	34.01 -1.53 0.00	35.74 -2.16 0.71	37.37 -1.98 1.89	37.35 -1.68 1.84	33.10 -1.59 0.63	32.73 -1.81 0.30	34.56 -1.80 0.44	34.07 -1.79 0.66	33.94 -1.89 0.48	34.82 -2.20 0.83	33.35 -2.24 0.59	34.32 -2.24 0.14	43.32 -3.39 3.88	48.29 -2.99 4.00	52.48 -2.44 3.30	50.02 -2.14 2.74	43.53 -2.14 1.98	37.60 -1.53 0.00	32.88 -1.69 0.00
REGAN____SOLAR 323812	41.36 2.30 0.00	38.42 2.11 0.00	35.78 1.90 0.00	34.90 1.85 0.00	36.13 2.01 0.00	37.64 2.10 0.00	40.65 2.04 0.00	42.64 1.40 0.00	41.32 0.45 0.00	35.25 -0.07 0.00	34.53 -0.31 0.00	36.58 -0.22 0.00	36.19 -0.33 0.00	36.06 -0.25 0.00	37.74 -0.11 0.00	36.12 0.07 0.13	36.43 0.26 0.53	51.60 1.01 0.00	57.49 2.21 0.00	61.90 3.67 0.00	58.81 3.90 0.00	50.75 3.10 0.00	41.43 2.31 0.00	36.55 1.97 0.00
RENSSELAER____COGEN 23796	40.15 1.09 0.00	37.37 1.05 0.00	34.90 1.02 0.00	34.00 0.96 0.00	35.07 0.95 0.00	36.43 0.89 0.00	39.50 0.89 0.00	42.06 0.82 0.00	41.52 0.65 0.00	35.96 0.64 0.00	35.47 0.63 0.00	37.50 0.70 0.00	37.21 0.69 0.00	37.00 0.69 0.00	38.72 0.87 0.00	37.08 0.98 0.08	37.38 1.03 0.35	51.95 1.37 0.00	56.60 1.32 0.00	59.57 1.34 0.00	56.11 1.21 0.00	48.66 1.00 0.00	40.02 0.90 0.00	35.41 0.83 0.00
REPUBLIC_115KV_BARTNBRK 55605	43.08 4.02 0.00	39.87 3.56 0.00	37.06 3.18 0.00	36.15 3.11 0.00	37.49 3.38 0.00	39.10 3.55 0.00	42.39 3.78 0.00	44.62 3.38 0.00	43.48 2.62 0.00	37.09 1.77 0.00	36.09 1.25 0.00	38.12 1.32 0.00	37.47 0.95 0.00	37.18 0.87 0.00	38.80 0.95 0.00	37.55 1.48 0.12	37.98 1.76 0.48	53.67 3.09 0.00	59.59 4.31 0.00	64.58 6.35 0.00	61.44 6.53 0.00	52.89 5.24 0.00	43.07 3.95 0.00	37.97 3.39 0.00
REVERE_CPPR_DRP 24186	39.72 0.66 0.00	36.86 0.54 0.00	34.35 0.47 0.00	33.57 0.53 0.00	35.00 0.89 0.00	36.47 0.92 0.00	39.65 1.04 0.00	42.27 1.03 0.00	41.76 0.90 0.00	35.85 0.53 0.00	35.19 0.35 0.00	37.13 0.33 0.00	36.88 0.37 0.00	36.60 0.29 0.00	38.00 0.15 0.00	36.29 0.11 0.00	36.76 0.07 0.02	50.69 0.46 0.35	56.10 1.22 0.39	59.16 1.40 0.47	55.95 1.43 0.39	48.52 1.14 0.28	39.98 0.86 0.00	35.27 0.69 0.00
REYNLDDPA_13_KV_LD 356490	38.86 -0.19 0.00	36.13 -0.18 0.00	33.68 -0.20 0.00	32.85 -0.20 0.00	33.88 -0.24 0.00	35.40 -0.14 0.00	38.53 -0.08 0.00	41.07 -0.16 0.00	40.78 -0.08 0.00	35.14 -0.18 0.00	34.60 -0.24 0.00	36.58 -0.22 0.00	36.15 -0.37 0.00	35.95 -0.36 0.00	37.47 -0.38 0.00	35.79 -0.40 0.00	36.34 -0.37 0.00	50.03 -0.56 0.00	54.45 -0.83 0.00	57.07 -1.16 0.00	53.97 -0.93 0.00	47.32 -0.33 0.00	38.93 -0.19 0.00	34.41 -0.17 0.00
REYNOLDS_115KV_TB3 80639	40.46 1.41 0.00	37.66 1.34 0.00	35.13 1.25 0.00	34.27 1.22 0.00	35.34 1.23 0.00	36.72 1.17 0.00	39.84 1.24 0.00	42.43 1.20 0.00	41.93 1.06 0.00	36.27 0.95 0.00	35.78 0.94 0.00	37.83 1.03 0.00	37.54 1.02 0.00	37.33 1.02 0.00	39.02 1.17 0.00	37.49 1.30 0.00	38.10 1.39 0.00	52.41 1.82 0.00	57.10 1.82 0.00	60.09 1.86 0.00	56.61 1.70 0.00	49.13 1.48 0.00	40.37 1.25 0.00	35.68 1.11 0.00

RIVERBAY____ 323610	42.92 3.87 0.00	39.87 3.56 0.00	36.90 3.02 0.00	35.79 2.74 0.00	36.85 2.73 0.00	38.21 2.67 0.00	41.47 2.86 0.00	44.66 3.42 0.00	44.46 3.60 0.00	38.57 3.25 0.00	38.44 3.55 -0.04	40.44 3.64 0.00	40.24 3.72 0.00	40.43 3.89 -0.24	42.35 4.24 -0.26	43.46 4.16 -3.11	51.39 4.22 -10.47	56.20 5.62 0.00	60.59 5.31 0.00	63.01 4.77 0.00	59.30 4.39 0.00	51.80 4.15 0.00	42.02 2.90 0.00	37.03 2.45 0.00
RIVERSDE_115KV_TB3 55908	40.35 1.29 0.00	37.55 1.23 0.00	35.03 1.15 0.00	34.17 1.12 0.00	35.24 1.13 0.00	36.61 1.07 0.00	39.69 1.08 0.00	42.31 1.07 0.00	41.76 0.90 0.00	36.13 0.81 0.00	35.64 0.80 0.00	37.68 0.88 0.00	37.40 0.88 0.00	37.18 0.87 0.00	38.87 1.02 0.00	37.34 1.16 0.00	37.95 1.25 0.00	52.21 1.62 0.00	56.88 1.60 0.00	59.92 1.69 0.00	56.44 1.54 0.00	48.94 1.29 0.00	40.26 1.13 0.00	35.58 1.00 0.00
ROARING__BROOK_WT_PWR 323790	38.51 -0.55 0.00	35.77 -0.54 0.00	33.34 -0.54 0.00	32.52 -0.53 0.00	33.54 -0.58 0.00	34.97 -0.57 0.00	37.99 -0.62 0.00	40.62 -0.62 0.00	40.29 -0.57 0.00	34.83 -0.49 0.00	34.35 -0.49 0.00	36.32 -0.48 0.00	36.01 -0.51 0.00	35.77 -0.54 0.00	37.28 -0.57 0.00	35.64 -0.54 0.00	36.15 -0.55 0.00	49.83 -0.76 0.00	54.50 -0.77 0.00	57.47 -0.76 0.00	54.19 -0.72 0.00	46.99 -0.67 0.00	38.57 -0.55 0.00	34.06 -0.52 0.00
ROCHESRG_115KV_T4 355643	35.40 -2.93 0.73	33.56 -2.69 0.06	31.57 -2.30 0.01	31.06 -1.98 0.00	32.14 -1.98 0.00	33.62 -1.92 0.00	35.19 -2.59 0.83	36.56 -2.47 2.20	36.53 -2.21 2.13	32.58 -2.01 0.72	32.30 -2.19 0.35	34.01 -2.28 0.51	33.52 -2.23 0.77	33.47 -2.29 0.56	34.31 -2.57 0.96	32.86 -2.64 0.68	33.95 -2.61 0.15	42.51 -3.90 4.18	47.23 -3.76 4.29	51.50 -3.32 3.42	49.10 -2.96 2.84	42.65 -2.95 2.05	37.13 -2.00 0.00	32.50 -2.07 0.01
ROCHESTER_9_IC 23652	35.74 -2.69 0.62	33.79 -2.47 0.05	31.77 -2.10 0.00	31.23 -1.82 0.00	32.34 -1.77 0.00	33.83 -1.71 0.00	35.59 -2.32 0.70	37.18 -2.19 1.87	37.16 -1.88 1.82	32.93 -1.77 0.62	32.59 -1.95 0.30	34.38 -1.99 0.43	33.90 -1.97 0.65	33.80 -2.03 0.48	34.68 -2.35 0.82	33.18 -2.42 0.58	34.18 -2.39 0.14	43.14 -3.59 3.86	47.98 -3.32 3.98	52.14 -2.80 3.30	49.70 -2.47 2.74	43.15 -2.53 1.97	37.40 -1.72 0.00	32.71 -1.87 0.00
ROCKVIEW_13_KV_LD 356306	42.06 3.01 0.00	39.04 2.72 0.00	36.25 2.37 0.00	35.26 2.21 0.00	36.23 2.12 0.00	37.60 2.06 0.00	40.85 2.24 0.00	43.96 2.72 0.00	43.73 2.86 0.00	37.93 2.61 0.00	37.77 2.93 0.00	39.82 3.02 0.00	39.59 3.07 0.00	39.54 3.23 0.00	41.41 3.56 0.00	42.27 3.51 -2.57	50.77 3.60 -10.47	55.29 4.70 0.00	59.87 4.59 0.00	62.42 4.19 0.00	58.70 3.79 0.00	51.13 3.48 0.00	41.59 2.46 0.00	36.58 2.01 0.00
ROME____115KV_TB2 80656	39.72 0.66 0.00	36.86 0.54 0.00	34.35 0.47 0.00	33.57 0.53 0.00	35.00 0.89 0.00	36.47 0.92 0.00	39.65 1.04 0.00	42.27 1.03 0.00	41.76 0.90 0.00	35.85 0.53 0.00	35.19 0.35 0.00	37.13 0.33 0.00	36.88 0.37 0.00	36.60 0.29 0.00	38.00 0.15 0.00	36.29 0.11 0.00	36.76 0.07 0.02	50.69 0.46 0.35	56.10 1.22 0.39	59.16 1.40 0.47	55.95 1.43 0.39	48.52 1.14 0.28	39.98 0.86 0.00	35.27 0.69 0.00
ROSETON__1 23587	41.28 2.23 0.00	38.27 1.96 0.00	35.67 1.79 0.00	34.73 1.68 0.00	35.72 1.60 0.00	37.07 1.53 0.00	40.23 1.62 0.00	43.13 1.90 0.00	42.91 2.04 0.00	37.30 1.98 0.00	37.04 2.20 0.00	39.05 2.25 0.00	38.82 2.30 0.00	38.75 2.43 0.00	40.65 2.80 0.00	41.46 2.75 -2.52	49.76 2.79 -10.27	54.28 3.69 0.00	58.82 3.54 0.00	61.43 3.20 0.00	57.82 2.91 0.00	50.27 2.62 0.00	41.00 1.88 0.00	36.10 1.52 0.00
ROSETON__2 23588	41.28 2.23 0.00	38.27 1.96 0.00	35.67 1.79 0.00	34.73 1.68 0.00	35.72 1.60 0.00	37.07 1.53 0.00	40.23 1.62 0.00	43.13 1.90 0.00	42.91 2.04 0.00	37.30 1.98 0.00	37.04 2.20 0.00	39.05 2.25 0.00	38.82 2.30 0.00	38.75 2.43 0.00	40.65 2.80 0.00	41.46 2.75 -2.52	49.76 2.79 -10.27	54.28 3.69 0.00	58.82 3.54 0.00	61.43 3.20 0.00	57.82 2.91 0.00	50.27 2.62 0.00	41.00 1.88 0.00	36.10 1.52 0.00
ROTTDRAM_115KV_TB3 80664	40.35 1.29 0.00	37.51 1.20 0.00	35.00 1.12 0.00	34.14 1.09 0.00	35.21 1.09 0.00	36.61 1.07 0.00	39.73 1.12 0.00	42.31 1.07 0.00	41.76 0.90 0.00	36.06 0.74 0.00	35.54 0.70 0.00	37.57 0.77 0.00	37.25 0.73 0.00	37.08 0.76 0.00	38.68 0.83 0.00	36.97 0.94 0.15	37.13 1.03 0.60	52.05 1.47 0.00	56.94 1.66 0.00	60.09 1.86 0.00	56.66 1.76 0.00	49.13 1.48 0.00	40.30 1.17 0.00	35.58 1.00 0.00
RUSSELL__1 23602	35.93 -2.50 0.63	33.97 -2.29 0.05	31.91 -1.97 0.00	31.36 -1.69 0.00	32.48 -1.64 0.00	33.98 -1.56 0.00	35.74 -2.16 0.71	37.33 -2.02 1.89	37.31 -1.72 1.84	33.10 -1.59 0.63	32.73 -1.81 0.30	34.56 -1.80 0.44	34.07 -1.79 0.66	33.94 -1.89 0.48	34.86 -2.16 0.83	33.35 -2.24 0.59	34.32 -2.24 0.14	43.37 -3.34 3.88	48.29 -2.99 4.00	52.48 -2.45 3.30	50.02 -2.14 2.74	43.39 -2.29 1.98	37.60 -1.53 0.00	32.88 -1.69 0.00
RUSSELL__2 23532	35.93 -2.50 0.63	33.97 -2.29 0.05	31.91 -1.97 0.00	31.36 -1.69 0.00	32.48 -1.64 0.00	33.98 -1.56 0.00	35.74 -2.16 0.71	37.33 -2.02 1.89	37.31 -1.72 1.84	33.10 -1.59 0.63	32.73 -1.81 0.30	34.56 -1.80 0.44	34.07 -1.79 0.66	33.94 -1.89 0.48	34.86 -2.16 0.83	33.35 -2.24 0.59	34.32 -2.24 0.14	43.37 -3.34 3.88	48.29 -2.99 4.00	52.48 -2.45 3.30	50.02 -2.14 2.74	43.39 -2.29 1.98	37.60 -1.53 0.00	32.88 -1.69 0.00
RUSSELL__3 23549	35.93 -2.50 0.63	33.97 -2.29 0.05	31.91 -1.97 0.00	31.36 -1.69 0.00	32.48 -1.64 0.00	33.98 -1.56 0.00	35.74 -2.16 0.71	37.33 -2.02 1.89	37.31 -1.72 1.84	33.10 -1.59 0.63	32.73 -1.81 0.30	34.56 -1.80 0.44	34.07 -1.79 0.66	33.94 -1.89 0.48	34.86 -2.16 0.83	33.35 -2.24 0.59	34.32 -2.24 0.14	43.37 -3.34 3.88	48.29 -2.99 4.00	52.48 -2.45 3.30	50.02 -2.14 2.74	43.39 -2.29 1.98	37.60 -1.53 0.00	32.88 -1.69 0.00
RUSSELL__4 23556	35.93 -2.50 0.63	33.97 -2.29 0.05	31.91 -1.97 0.00	31.36 -1.69 0.00	32.48 -1.64 0.00	33.98 -1.56 0.00	35.74 -2.16 0.71	37.33 -2.02 1.89	37.31 -1.72 1.84	33.10 -1.59 0.63	32.73 -1.81 0.30	34.56 -1.80 0.44	34.07 -1.79 0.66	33.94 -1.89 0.48	34.86 -2.16 0.83	33.35 -2.24 0.59	34.32 -2.24 0.14	43.37 -3.34 3.88	48.29 -2.99 4.00	52.48 -2.45 3.30	50.02 -2.14 2.74	43.39 -2.29 1.98	37.60 -1.53 0.00	32.88 -1.69 0.00
RUSSELL__STATION 23914	35.93 -2.50 0.63	33.97 -2.29 0.05	31.91 -1.97 0.00	31.36 -1.69 0.00	32.48 -1.64 0.00	33.98 -1.56 0.00	35.74 -2.16 0.71	37.33 -2.02 1.89	37.31 -1.72 1.84	33.10 -1.59 0.63	32.73 -1.81 0.30	34.56 -1.80 0.44	34.07 -1.79 0.66	33.94 -1.89 0.48	34.86 -2.16 0.83	33.35 -2.24 0.59	34.32 -2.24 0.14	43.37 -3.34 3.88	48.29 -2.99 4.00	52.48 -2.45 3.30	50.02 -2.14 2.74	43.39 -2.29 1.98	37.60 -1.53 0.00	32.88 -1.69 0.00

S SALMON___HYD 24043	38.67 -0.39 0.00	35.91 -0.40 0.00	33.51 -0.37 0.00	32.72 -0.33 0.00	34.05 -0.07 0.00	35.51 -0.04 0.00	38.53 -0.08 0.00	41.11 -0.12 0.00	40.70 -0.16 0.00	35.00 -0.32 0.00	34.35 -0.49 0.00	36.25 -0.55 0.00	35.93 -0.59 0.00	35.66 -0.65 0.00	36.94 -0.91 0.00	35.28 -0.90 0.00	35.70 -1.03 -0.03	49.85 -1.26 -0.53	55.09 -0.77 -0.59	58.41 -0.53 -0.70	55.11 -0.38 -0.58	47.59 -0.48 -0.42	38.93 -0.19 0.00	34.37 -0.21 0.00
S.PERRY___115KV_TB1 80734	48.14 -1.41 -10.49	35.94 -1.27 -0.90	32.77 -1.19 -0.08	31.99 -1.06 0.00	33.23 -0.92 -0.04	34.83 -0.75 -0.04	49.51 -0.97 -11.87	71.69 -1.11 -31.57	70.42 -1.23 -30.78	44.33 -1.45 -10.46	38.07 -1.78 -5.01	42.30 -1.84 -7.34	45.85 -1.75 -11.09	42.61 -1.78 -8.08	49.71 -1.93 -13.79	44.04 -1.88 -9.74	34.97 -1.95 -0.21	73.61 -2.43 -25.45	76.63 -1.60 -22.96	61.08 -0.41 -3.26	57.44 -0.16 -2.70	49.28 -0.48 -2.10	38.61 -0.51 0.00	33.79 -0.86 -0.08
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.47 -4.26 3.33	32.11 -3.92 0.29	30.30 -3.56 0.02	29.68 -3.37 0.00	30.73 -3.38 0.01	32.15 -3.38 0.01	31.17 -3.67 3.77	27.66 -3.55 10.03	27.91 -3.19 9.77	29.07 -2.93 3.32	30.08 -3.17 1.59	31.20 -3.28 2.33	29.75 -3.25 3.52	30.41 -3.34 2.56	30.02 -3.67 4.16	29.51 -3.73 2.95	32.61 -3.89 0.20	35.04 -5.36 10.18	39.97 -5.58 9.72	48.73 -5.12 4.38	46.38 -4.89 3.64	40.52 -4.48 2.65	35.64 -3.48 0.00	31.20 -3.35 0.02
SAWYER___23_KV_LOAD 55526	31.47 -4.26 3.33	32.11 -3.92 0.29	30.30 -3.56 0.02	29.68 -3.37 0.00	30.73 -3.38 0.01	32.15 -3.38 0.01	31.17 -3.67 3.77	27.66 -3.55 10.03	27.91 -3.19 9.77	29.07 -2.93 3.32	30.08 -3.17 1.59	31.20 -3.28 2.33	29.75 -3.25 3.52	30.41 -3.34 2.56	30.02 -3.67 4.16	29.51 -3.73 2.95	32.61 -3.89 0.20	35.04 -5.36 10.18	39.97 -5.58 9.72	48.73 -5.12 4.38	46.38 -4.89 3.64	40.52 -4.48 2.65	35.64 -3.48 0.00	31.20 -3.35 0.02
SELKIRK___I 23801	40.46 1.40 0.00	37.66 1.34 0.00	35.17 1.29 0.00	34.27 1.22 0.00	35.38 1.26 0.00	36.71 1.17 0.00	39.77 1.16 0.00	42.22 0.99 0.00	41.56 0.69 0.00	35.92 0.60 0.00	35.40 0.56 0.00	37.42 0.63 0.00	37.14 0.62 0.00	36.93 0.62 0.00	38.61 0.76 0.00	37.09 0.90 0.00	37.66 0.95 0.00	51.90 1.31 0.00	56.71 1.43 0.00	59.92 1.69 0.00	56.50 1.59 0.00	49.04 1.38 0.00	40.26 1.14 0.00	35.61 1.04 0.00
SELKIRK___II 23799	40.15 1.09 0.00	37.37 1.05 0.00	34.90 1.02 0.00	34.00 0.96 0.00	35.07 0.95 0.00	36.43 0.89 0.00	39.50 0.89 0.00	42.10 0.87 0.00	41.56 0.69 0.00	35.96 0.64 0.00	35.50 0.66 0.00	37.50 0.70 0.00	37.25 0.73 0.00	37.04 0.73 0.00	38.76 0.91 0.00	37.05 0.98 0.11	37.26 1.03 0.47	51.90 1.31 0.00	56.60 1.32 0.00	59.57 1.34 0.00	56.11 1.21 0.00	48.70 1.05 0.00	39.98 0.86 0.00	35.37 0.80 0.00
SENECA OSWGO___HYD 24041	38.23 -0.82 0.00	35.55 -0.76 0.00	33.17 -0.71 0.00	32.39 -0.66 0.00	33.50 -0.61 0.00	34.94 -0.60 0.00	37.87 -0.73 0.00	40.49 -0.74 0.00	40.17 -0.69 0.00	34.65 -0.67 0.00	34.11 -0.73 0.00	36.03 -0.77 0.00	35.75 -0.77 0.00	35.51 -0.80 0.00	36.83 -1.02 0.00	35.17 -1.01 0.00	35.72 -1.07 -0.08	50.66 -1.42 -1.49	55.61 -1.33 -1.66	59.05 -1.16 -1.98	55.46 -1.10 -1.65	47.78 -1.05 -1.18	38.34 -0.78 0.00	33.92 -0.66 0.00
SENECA___115KV_TB3 355854	31.86 -3.63 3.56	32.81 -3.20 0.31	30.67 -3.19 0.03	29.87 -3.17 0.00	31.00 -3.10 0.01	32.44 -3.09 0.01	31.48 -3.09 4.03	27.67 -2.84 10.72	27.77 -2.57 10.52	29.34 -2.40 3.58	30.48 -2.65 1.71	31.55 -2.76 2.49	30.05 -2.70 3.76	30.77 -2.80 2.74	30.14 -3.14 4.57	29.84 -3.11 3.24	33.12 -3.38 0.21	35.22 -4.45 10.92	40.42 -4.48 10.38	49.62 -4.19 4.42	47.17 -4.06 3.67	41.54 -3.43 2.68	35.99 -3.13 0.00	31.58 -2.97 0.03
SENECA___ENERGY 23797	40.54 -0.08 -1.56	36.37 -0.07 -0.13	33.72 -0.17 -0.01	32.88 -0.16 0.00	34.05 -0.07 -0.01	35.58 0.04 -0.01	40.57 0.19 -1.77	46.10 0.17 -4.70	45.60 0.12 -4.61	36.82 -0.07 -1.57	35.38 -0.21 -0.75	37.72 -0.18 -1.10	38.03 -0.15 -1.66	37.34 -0.18 -1.21	39.58 -0.34 -2.07	37.32 -0.33 -1.46	36.31 -0.44 -0.04	54.29 -0.35 -4.05	59.08 0.11 -3.69	59.67 0.64 -0.80	56.12 0.55 -0.66	48.53 0.38 -0.50	39.24 0.12 0.00	34.59 0.00 -0.01
SHOEMAKER___GT 23640	40.97 1.91 0.00	37.98 1.67 0.00	35.41 1.53 0.00	34.47 1.42 0.00	35.48 1.37 0.00	36.82 1.28 0.00	39.96 1.35 0.00	42.76 1.53 0.00	42.46 1.59 0.00	36.84 1.52 0.00	36.55 1.71 0.00	38.53 1.73 0.00	38.31 1.79 0.00	38.20 1.89 0.00	40.08 2.23 0.00	40.57 2.21 -2.18	47.81 2.24 -8.87	53.67 3.09 0.00	58.26 2.98 0.00	60.97 2.74 0.00	57.38 2.47 0.00	49.89 2.24 0.00	40.73 1.60 0.00	35.82 1.24 0.00
SHOEMAKR_138KV_BK 111 55601	40.97 1.91 0.00	38.06 1.74 0.00	35.40 1.52 0.00	34.47 1.42 0.00	35.48 1.36 0.00	36.82 1.28 0.00	39.96 1.35 0.00	42.80 1.57 0.00	42.54 1.68 0.00	36.87 1.55 0.00	36.58 1.74 0.00	38.60 1.80 0.00	38.38 1.86 0.00	38.27 1.96 0.00	40.05 2.20 0.00	40.58 2.24 -2.15	47.74 2.28 -8.76	53.67 3.09 0.00	58.26 2.99 0.00	60.97 2.74 0.00	57.38 2.47 0.00	49.89 2.24 0.00	40.73 1.60 0.00	35.86 1.28 0.00
SHOREHAM_IC_1 23715	43.25 4.18 -0.01	39.87 3.56 0.00	37.16 3.29 0.00	35.82 2.78 0.00	37.08 2.97 0.00	37.89 2.35 0.00	40.73 2.12 0.00	43.50 2.27 0.00	43.23 2.37 0.00	38.36 3.04 0.00	40.31 3.97 -1.50	43.84 4.01 -3.03	45.94 4.05 -5.37	48.38 4.03 -8.03	51.21 4.65 -8.71	51.29 4.27 -10.84	53.73 4.55 -12.48	58.71 5.66 -2.46	62.06 5.58 -1.20	64.82 5.06 -1.52	58.69 3.79 0.00	51.98 4.34 0.00	42.80 3.68 0.00	37.48 2.90 0.00
SHOREHAM_IC_2 23716	43.25 4.18 -0.01	39.87 3.56 0.00	37.16 3.29 0.00	35.82 2.78 0.00	37.08 2.97 0.00	37.89 2.35 0.00	40.73 2.12 0.00	43.50 2.27 0.00	43.23 2.37 0.00	38.36 3.04 0.00	40.31 3.97 -1.50	43.84 4.01 -3.03	45.94 4.05 -5.37	48.38 4.03 -8.03	51.21 4.65 -8.71	51.29 4.27 -10.84	53.73 4.55 -12.48	58.71 5.66 -2.46	62.06 5.58 -1.20	64.82 5.06 -1.52	58.69 3.79 0.00	51.98 4.34 0.00	42.80 3.68 0.00	37.48 2.90 0.00
SISSONVILLE____ 23735	38.51 -0.55 0.00	35.77 -0.54 0.00	33.27 -0.61 0.00	32.48 -0.56 0.00	33.64 -0.48 0.00	35.15 -0.39 0.00	38.26 -0.35 0.00	40.41 -0.82 0.00	40.09 -0.78 0.00	34.47 -0.85 0.00	33.86 -0.98 0.00	35.77 -1.03 0.00	35.35 -1.17 0.00	35.15 -1.16 0.00	36.60 -1.25 0.00	34.81 -1.37 0.00	35.23 -1.47 0.00	48.61 -1.97 0.00	53.40 -1.88 0.00	56.31 -1.92 0.00	53.26 -1.65 0.00	46.37 -1.29 0.00	38.26 -0.86 0.00	33.89 -0.69 0.00
SITHE_IND_GS1 24169	37.81 -1.25 0.00	35.19 -1.13 0.00	32.83 -1.05 0.00	32.06 -0.99 0.00	33.13 -0.99 0.00	34.55 -0.99 0.00	37.41 -1.20 0.00	40.00 -1.24 0.00	39.72 -1.14 0.00	34.29 -1.03 0.00	33.76 -1.08 0.00	35.66 -1.14 0.00	35.39 -1.13 0.00	35.19 -1.13 0.00	36.49 -1.36 0.00	34.77 -1.41 0.00	34.49 -1.43 0.78	34.28 -1.97 14.33	37.29 -2.04 15.94	37.24 -1.98 19.01	37.24 -1.87 15.80	34.66 -1.67 11.32	37.87 -1.25 0.00	33.54 -1.04 0.00

SITHE_IND_GS2 24170	37.81 -1.25 0.00	35.19 -1.13 0.00	32.83 -1.05 0.00	32.06 -0.99 0.00	33.13 -0.99 0.00	34.55 -0.99 0.00	37.41 -1.20 0.00	40.00 -1.24 0.00	39.72 -1.14 0.00	34.29 -1.03 0.00	33.76 -1.08 0.00	35.66 -1.14 0.00	35.39 -1.13 0.00	35.19 -1.13 0.00	36.49 -1.36 0.00	34.77 -1.41 0.00	34.49 -1.43 0.78	34.28 -1.97 14.33	37.29 -2.04 15.94	37.24 -1.98 19.01	37.24 -1.87 15.80	34.66 -1.67 11.32	37.87 -1.25 0.00	33.54 -1.04 0.00
SITHE_IND_GS3 24171	37.81 -1.25 0.00	35.19 -1.13 0.00	32.83 -1.05 0.00	32.06 -0.99 0.00	33.13 -0.99 0.00	34.55 -0.99 0.00	37.41 -1.20 0.00	40.00 -1.24 0.00	39.72 -1.14 0.00	34.29 -1.03 0.00	33.76 -1.08 0.00	35.66 -1.14 0.00	35.39 -1.13 0.00	35.19 -1.13 0.00	36.49 -1.36 0.00	34.77 -1.41 0.00	34.49 -1.43 0.78	34.28 -1.97 14.33	37.29 -2.04 15.94	37.24 -1.98 19.01	37.24 -1.87 15.80	34.66 -1.67 11.32	37.87 -1.25 0.00	33.54 -1.04 0.00
SITHE_IND_GS4 24172	37.81 -1.25 0.00	35.19 -1.13 0.00	32.83 -1.05 0.00	32.06 -0.99 0.00	33.13 -0.99 0.00	34.55 -0.99 0.00	37.41 -1.20 0.00	40.00 -1.24 0.00	39.72 -1.14 0.00	34.29 -1.03 0.00	33.76 -1.08 0.00	35.66 -1.14 0.00	35.39 -1.13 0.00	35.19 -1.13 0.00	36.49 -1.36 0.00	34.77 -1.41 0.00	34.49 -1.43 0.78	34.28 -1.97 14.33	37.29 -2.04 15.94	37.24 -1.98 19.01	37.24 -1.87 15.80	34.66 -1.67 11.32	37.87 -1.25 0.00	33.54 -1.04 0.00
SITHE___BATAVIA 24024	33.85 -3.28 1.93	33.38 -2.76 0.17	31.19 -2.68 0.01	30.40 -2.64 0.00	31.76 -2.35 0.01	33.30 -2.24 0.01	33.76 -2.66 2.18	33.01 -2.43 5.79	32.96 -2.13 5.78	31.24 -2.12 1.96	31.50 -2.40 0.94	32.95 -2.50 1.35	32.00 -2.48 2.03	32.25 -2.58 1.48	32.32 -2.99 2.54	31.35 -3.04 1.79	33.12 -3.41 0.17	39.03 -4.45 7.11	44.31 -4.03 6.93	50.62 -3.78 3.82	48.33 -3.40 3.18	42.20 -3.15 2.31	36.62 -2.50 0.00	32.04 -2.52 0.01
SITHE___INDEPEND 23800	37.81 -1.25 0.00	35.15 -1.16 0.00	32.83 -1.05 0.00	32.05 -0.99 0.00	33.13 -0.99 0.00	34.51 -1.03 0.00	37.41 -1.20 0.00	40.00 -1.24 0.00	39.68 -1.19 0.00	34.30 -1.02 0.00	33.76 -1.08 0.00	35.66 -1.14 0.00	35.39 -1.13 0.00	35.19 -1.13 0.00	36.56 -1.29 0.00	34.77 -1.41 0.00	34.49 -1.43 0.78	34.28 -1.97 14.33	37.29 -2.05 15.94	37.24 -1.98 19.01	37.24 -1.87 15.80	34.66 -1.67 11.32	37.79 -1.33 0.00	33.54 -1.04 0.00
SITHE___MASSENA 23902	38.86 -0.19 0.00	36.10 -0.22 0.00	33.64 -0.24 0.00	32.82 -0.23 0.00	33.91 -0.20 0.00	35.44 -0.11 0.00	38.53 -0.08 0.00	40.99 -0.25 0.00	40.70 -0.16 0.00	35.07 -0.25 0.00	34.49 -0.35 0.00	36.50 -0.30 0.00	36.08 -0.44 0.00	35.88 -0.43 0.00	37.40 -0.45 0.00	35.68 -0.51 0.00	36.22 -0.48 0.00	49.88 -0.71 0.00	54.56 -0.72 0.00	57.53 -0.70 0.00	54.36 -0.55 0.00	47.27 -0.38 0.00	38.89 -0.23 0.00	34.41 -0.17 0.00
SITHE___OGDNSBRG 24021	39.02 -0.04 0.00	36.28 -0.04 0.00	33.78 -0.10 0.00	32.95 -0.10 0.00	34.22 0.10 0.00	35.76 0.21 0.00	38.92 0.31 0.00	41.11 -0.12 0.00	40.62 -0.25 0.00	34.90 -0.42 0.00	34.28 -0.56 0.00	36.21 -0.59 0.00	35.79 -0.73 0.00	35.59 -0.73 0.00	37.09 -0.76 0.00	35.35 -0.83 0.00	35.86 -0.84 0.00	49.58 -1.01 0.00	54.50 -0.77 0.00	57.59 -0.64 0.00	54.52 -0.38 0.00	47.46 -0.19 0.00	39.08 -0.04 0.00	34.54 -0.03 0.00
SITHE___STERLING 23777	39.53 0.47 0.00	36.75 0.44 0.00	34.25 0.37 0.00	33.44 0.40 0.00	34.80 0.68 0.00	36.22 0.67 0.00	39.38 0.77 0.00	42.02 0.78 0.00	41.52 0.65 0.00	35.71 0.39 0.00	35.09 0.25 0.00	37.06 0.26 0.00	36.78 0.26 0.00	36.53 0.22 0.00	37.96 0.11 0.00	36.29 0.11 0.00	36.75 0.07 0.02	50.51 0.36 0.44	55.67 0.88 0.49	58.76 1.10 0.58	55.52 1.10 0.48	48.17 0.86 0.34	39.79 0.66 0.00	35.10 0.52 0.00
SLEIGHT__34_KV_TB1 80719	36.65 -1.99 0.42	34.46 -1.82 0.04	32.28 -1.59 0.00	31.66 -1.39 0.00	32.78 -1.33 0.00	34.30 -1.24 0.00	36.48 -1.66 0.47	38.38 -1.61 1.25	38.19 -1.47 1.20	33.50 -1.41 0.41	33.08 -1.57 0.20	34.93 -1.58 0.29	34.52 -1.57 0.43	34.36 -1.63 0.32	35.41 -1.89 0.55	33.84 -1.95 0.39	34.61 -1.98 0.11	44.91 -2.83 2.84	49.72 -2.60 2.96	53.57 -2.10 2.56	50.91 -1.87 2.13	44.21 -1.91 1.53	37.79 -1.33 0.00	33.16 -1.42 0.00
SOUTH CAIRO___GT 23612	41.21 2.15 0.00	38.31 2.00 0.00	35.78 1.90 0.00	34.83 1.78 0.00	35.89 1.77 0.00	37.25 1.71 0.00	40.23 1.62 0.00	42.47 1.24 0.00	41.72 0.86 0.00	35.89 0.57 0.00	35.29 0.45 0.00	37.32 0.52 0.00	36.99 0.47 0.00	36.78 0.47 0.00	38.61 0.76 0.00	37.77 1.27 0.00	39.50 1.50 -0.32	52.81 2.23 -1.29	57.99 2.71 0.00	61.43 3.20 0.00	58.04 3.13 0.00	50.13 2.48 0.00	41.20 2.07 0.00	36.24 1.66 0.00
SOUTH HAMPTN___IC 23720	43.36 4.30 -0.01	39.94 3.63 0.00	37.23 3.35 0.00	35.82 2.78 0.00	37.15 3.04 0.00	37.99 2.45 0.00	40.93 2.32 0.00	43.75 2.52 0.00	43.60 2.74 0.00	38.71 3.39 0.00	40.70 4.35 -1.50	44.36 4.53 -3.03	46.45 4.56 -5.37	48.81 4.47 -8.03	51.55 5.00 -8.71	51.65 4.67 -10.80	54.07 4.92 -12.44	59.17 6.17 -2.41	62.59 6.14 -1.18	65.37 5.65 -1.50	59.19 4.29 0.01	52.32 4.67 0.01	43.00 3.87 0.00	37.62 3.04 0.00
SOUTHDOW__115KV_TB1 355954	33.09 -2.73 3.23	33.60 -2.43 0.28	31.18 -2.68 0.02	30.24 -2.81 0.00	31.27 -2.83 0.01	32.76 -2.77 0.01	32.83 -2.12 3.66	29.61 -1.90 9.72	29.59 -1.76 9.52	30.53 -1.55 3.24	31.45 -1.85 1.55	32.77 -1.77 2.26	31.32 -1.79 3.41	31.97 -1.85 2.49	31.48 -2.23 4.14	31.05 -2.21 2.93	33.94 -2.57 0.19	37.57 -3.04 9.99	42.83 -2.93 9.51	51.77 -2.33 4.13	48.84 -2.64 3.43	42.91 -2.24 2.50	36.62 -2.50 0.00	32.24 -2.32 0.02
SOUTHOLD_69_KV_BK 2 55809	43.36 4.30 -0.01	39.91 3.59 0.00	37.13 3.25 0.00	35.72 2.68 0.00	37.12 3.00 0.00	38.03 2.49 0.00	40.96 2.36 0.00	43.96 2.72 0.00	44.22 3.35 0.00	38.85 3.53 -1.50	41.01 4.67 -3.03	44.76 4.93 -5.37	46.82 4.93 -5.37	49.07 4.72 -8.03	51.63 5.07 -8.71	51.87 4.88 -10.80	54.32 5.18 -12.44	59.53 6.53 -2.41	62.87 6.41 -1.18	65.61 5.88 -1.50	58.97 4.06 0.00	52.75 5.10 0.00	43.15 4.03 0.00	37.65 3.08 0.00
SOUTHOLD___IC 23719	43.36 4.30 -0.01	39.83 3.52 0.00	37.13 3.25 0.00	35.72 2.68 0.00	37.12 3.00 0.00	37.92 2.38 0.00	40.93 2.32 0.00	43.84 2.60 0.00	43.73 2.86 0.00	38.85 3.53 -1.50	40.98 4.63 -3.03	44.76 4.93 -5.37	46.81 4.93 -5.37	49.07 4.72 -8.03	51.71 5.15 -8.71	51.84 4.85 -10.80	54.29 5.14 -12.44	59.53 6.53 -2.41	62.92 6.46 -1.18	65.67 5.94 -1.50	59.46 4.55 0.01	52.51 4.86 0.01	43.07 3.95 0.00	37.65 3.08 0.00
SOUTH_FORK_WT_PWR 323839	42.89 3.83 -0.01	39.44 3.12 0.00	36.76 2.88 0.00	35.36 2.31 0.00	36.71 2.59 0.00	37.57 2.02 0.00	40.54 1.93 0.00	43.46 2.23 0.00	43.32 2.45 0.00	38.57 3.25 0.00	40.77 4.43 -1.50	44.61 4.78 -3.03	46.63 4.75 -5.37	48.78 4.43 -8.03	51.37 4.81 -8.71	51.51 4.52 -10.80	53.92 4.77 -12.44	58.97 5.97 -2.41	62.31 5.86 -1.18	64.97 5.24 -1.50	58.86 3.96 0.01	52.03 4.38 0.01	42.76 3.64 0.00	37.34 2.77 0.00

SPIERFLS_115KV_TB 1 80737	41.05 1.99 0.00	38.09 1.78 0.00	35.44 1.56 0.00	34.57 1.52 0.00	35.75 1.64 0.00	37.21 1.67 0.00	40.38 1.78 0.00	42.76 1.53 0.00	41.97 1.10 0.00	36.03 0.71 0.00	35.29 0.45 0.00	37.13 0.33 0.00	36.63 0.11 0.00	36.39 0.07 0.00	37.89 0.04 0.00	36.71 0.65 0.12	37.05 0.84 0.49	52.16 1.57 0.00	57.38 2.10 0.00	61.37 3.14 0.00	58.09 3.18 0.00	50.13 2.48 0.00	41.04 1.92 0.00	36.20 1.63 0.00
ST LAWRENCE____ 23600	38.59 -0.47 0.00	35.84 -0.47 0.00	33.44 -0.44 0.00	32.62 -0.43 0.00	33.64 -0.48 0.00	35.15 -0.39 0.00	38.22 -0.39 0.00	40.78 -0.45 0.00	40.46 -0.41 0.00	34.90 -0.42 0.00	34.39 -0.45 0.00	36.36 -0.44 0.00	35.97 -0.55 0.00	35.77 -0.54 0.00	37.28 -0.57 0.00	35.64 -0.54 0.00	36.15 -0.55 0.00	49.83 -0.76 0.00	54.50 -0.77 0.00	57.36 -0.87 0.00	54.19 -0.72 0.00	47.13 -0.52 0.00	38.69 -0.43 0.00	34.20 -0.38 0.00
STATE_CA_115KV_115_LB 55624	40.38 1.33 0.00	37.58 1.27 0.00	35.07 1.19 0.00	34.17 1.12 0.00	35.28 1.16 0.00	36.64 1.10 0.00	39.73 1.12 0.00	42.31 1.07 0.00	42.34 1.47 0.00	36.52 1.20 0.00	35.92 1.08 0.00	38.05 1.25 0.00	37.65 1.13 0.00	37.47 1.16 0.00	39.14 1.29 0.00	37.41 1.37 0.15	37.57 1.47 0.60	52.71 2.12 0.00	56.88 1.60 0.00	59.98 1.75 0.00	56.55 1.65 0.00	48.99 1.33 0.00	40.30 1.17 0.00	35.61 1.04 0.00
STATE_ST_34_KV_LOAD 55959	39.54 -0.23 -0.72	36.12 -0.25 -0.06	33.65 -0.24 -0.01	32.85 -0.20 0.00	33.98 -0.14 0.00	35.51 -0.04 0.00	39.34 -0.08 -0.81	43.31 -0.08 -2.16	42.87 -0.12 -2.13	35.83 -0.21 -0.72	34.84 -0.35 -0.35	36.98 -0.33 -0.51	36.99 -0.29 -0.77	36.54 -0.33 -0.56	38.35 -0.45 -0.95	36.35 -0.51 -0.67	36.14 -0.59 -0.02	51.80 -0.66 -1.87	56.64 -0.33 -1.69	58.77 0.17 -0.37	55.32 0.11 -0.31	47.84 -0.05 -0.23	39.04 -0.08 0.00	34.44 -0.14 -0.01
STATION 5_MISC_HYD 23604	35.74 -2.69 0.62	34.04 -2.22 0.05	31.77 -2.10 0.00	31.23 -1.82 0.00	32.38 -1.74 0.00	33.87 -1.67 0.00	35.59 -2.32 0.70	37.22 -2.15 1.87	37.16 -1.88 1.82	32.94 -1.76 0.62	32.59 -1.95 0.30	34.38 -1.99 0.43	33.89 -1.97 0.65	33.77 -2.07 0.48	34.64 -2.38 0.82	33.18 -2.42 0.58	34.18 -2.39 0.14	43.14 -3.59 3.86	47.98 -3.32 3.98	52.14 -2.79 3.30	49.70 -2.47 2.74	43.25 -2.43 1.97	37.40 -1.72 0.00	32.70 -1.87 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.38 -2.19 0.49	34.24 -2.03 0.04	32.11 -1.76 0.00	31.53 -1.52 0.00	32.65 -1.47 0.00	34.12 -1.42 0.00	36.16 -1.89 0.56	37.97 -1.77 1.49	37.88 -1.55 1.44	33.35 -1.48 0.49	32.97 -1.64 0.23	34.80 -1.66 0.34	34.36 -1.64 0.52	34.23 -1.71 0.38	35.23 -1.97 0.65	33.66 -2.06 0.46	34.53 -2.03 0.12	44.46 -2.98 3.14	49.26 -2.76 3.26	53.17 -2.33 2.73	50.61 -2.03 2.27	43.92 -2.10 1.63	37.67 -1.45 0.00	33.02 -1.56 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.69 -2.73 0.63	33.75 -2.51 0.05	31.71 -2.17 0.00	31.16 -1.88 0.00	32.27 -1.84 0.00	33.76 -1.78 0.00	35.50 -2.39 0.71	37.07 -2.27 1.90	37.01 -2.00 1.85	32.85 -1.84 0.63	32.52 -2.02 0.30	34.30 -2.06 0.44	33.81 -2.05 0.66	33.72 -2.11 0.48	34.63 -2.38 0.84	33.13 -2.46 0.59	34.10 -2.46 0.14	43.05 -3.64 3.89	47.83 -3.43 4.02	51.95 -2.97 3.31	49.52 -2.64 2.75	43.00 -2.67 1.98	37.28 -1.84 0.00	32.64 -1.94 0.00
STA_56____34_KV_BUS2 355983	35.69 -2.73 0.63	33.75 -2.51 0.05	31.71 -2.17 0.00	31.16 -1.88 0.00	32.27 -1.84 0.00	33.76 -1.78 0.00	35.50 -2.39 0.71	37.07 -2.27 1.90	37.01 -2.00 1.85	32.85 -1.84 0.63	32.52 -2.02 0.30	34.30 -2.06 0.44	33.81 -2.05 0.66	33.72 -2.11 0.48	34.63 -2.38 0.84	33.13 -2.46 0.59	34.10 -2.46 0.14	43.05 -3.64 3.89	47.83 -3.43 4.02	51.95 -2.97 3.31	49.52 -2.64 2.75	43.00 -2.67 1.98	37.28 -1.84 0.00	32.64 -1.94 0.00
STA_67____115KV_BK2 355882	35.66 -2.77 0.62	33.75 -2.51 0.05	31.71 -2.17 0.00	31.20 -1.85 0.00	32.31 -1.81 0.00	33.80 -1.74 0.00	35.51 -2.39 0.71	37.09 -2.27 1.88	37.03 -2.00 1.84	32.86 -1.84 0.62	32.52 -2.02 0.30	34.30 -2.06 0.43	33.82 -2.05 0.66	33.69 -2.14 0.48	34.60 -2.42 0.83	33.10 -2.50 0.58	34.10 -2.46 0.14	43.03 -3.69 3.87	47.86 -3.43 3.99	51.96 -2.97 3.30	49.53 -2.64 2.74	43.01 -2.67 1.97	37.32 -1.80 0.00	32.67 -1.90 0.00
STA_7____115KV_9TRANS 80674	35.93 -2.50 0.63	33.97 -2.29 0.05	31.91 -1.97 0.00	31.36 -1.69 0.00	32.48 -1.64 0.00	33.98 -1.56 0.00	35.74 -2.16 0.71	37.33 -2.02 1.89	37.31 -1.72 1.84	33.10 -1.59 0.63	32.73 -1.81 0.30	34.56 -1.80 0.44	34.07 -1.79 0.66	33.94 -1.89 0.48	34.86 -2.16 0.83	33.35 -2.24 0.59	34.32 -2.24 0.14	43.37 -3.34 3.88	48.29 -2.99 4.00	52.48 -2.45 3.30	50.02 -2.14 2.74	43.39 -2.29 1.98	37.60 -1.53 0.00	32.88 -1.69 0.00
STA_82____115KV_TB1 80780	35.69 -2.77 0.59	33.72 -2.54 0.05	31.71 -2.17 0.00	31.16 -1.88 0.00	32.27 -1.84 0.00	33.76 -1.78 0.00	35.51 -2.43 0.67	37.15 -2.31 1.78	37.12 -2.00 1.74	32.86 -1.87 0.59	32.50 -2.06 0.28	34.29 -2.10 0.41	33.82 -2.08 0.62	33.72 -2.14 0.45	34.64 -2.42 0.78	33.10 -2.53 0.55	34.07 -2.50 0.14	43.12 -3.69 3.77	47.90 -3.48 3.90	51.94 -3.03 3.26	49.50 -2.69 2.71	42.98 -2.72 1.95	37.32 -1.80 0.00	32.64 -1.94 0.00
STEEL____WIND 323596	31.82 -3.67 3.56	32.81 -3.20 0.31	30.67 -3.19 0.03	29.84 -3.20 0.00	30.97 -3.14 0.01	32.40 -3.13 0.01	31.48 -3.09 4.03	27.62 -2.89 10.72	27.73 -2.62 10.52	29.31 -2.44 3.58	30.45 -2.68 1.71	31.51 -2.80 2.49	30.02 -2.74 3.76	30.74 -2.83 2.74	30.10 -3.18 4.57	29.80 -3.15 3.24	33.04 -3.45 0.21	35.11 -4.55 10.92	40.36 -4.53 10.38	49.56 -4.25 4.42	47.12 -4.12 3.67	41.50 -3.48 2.68	35.95 -3.17 0.00	31.54 -3.01 0.03
STEPHTWN_115KV_BK_2 55603	40.54 1.48 0.00	37.73 1.42 0.00	35.17 1.29 0.00	34.30 1.26 0.00	35.38 1.26 0.00	36.79 1.24 0.00	39.88 1.27 0.00	42.43 1.20 0.00	41.89 1.02 0.00	36.20 0.88 0.00	35.68 0.84 0.00	37.76 0.96 0.00	37.43 0.91 0.00	37.22 0.91 0.00	38.91 1.06 0.00	37.29 1.19 0.08	37.68 1.32 0.35	52.36 1.77 0.00	57.16 1.88 0.00	60.33 2.10 0.00	56.88 1.98 0.00	49.27 1.62 0.00	40.49 1.37 0.00	35.75 1.18 0.00
STEBEN_REC_LFGE 323667	46.25 -1.45 -8.64	35.71 -1.34 -0.74	32.52 -1.42 -0.06	31.59 -1.45 0.00	32.81 -1.33 -0.03	34.36 -1.21 -0.03	47.34 -1.04 -9.77	65.92 -1.32 -26.00	64.78 -1.47 -25.39	42.32 -1.62 -8.63	37.19 -1.78 -4.13	41.09 -1.77 -6.05	44.12 -1.53 -9.14	41.45 -1.53 -6.66	47.61 -1.63 -11.38	42.71 -1.52 -8.04	35.13 -1.76 -0.19	70.14 -1.87 -21.42	73.40 -1.27 -19.39	61.17 -0.29 -3.23	57.25 -0.33 -2.68	49.23 -0.48 -2.05	38.34 -0.78 0.00	33.74 -0.90 -0.06
STILLWATER____SOLAR 323814	41.13 2.07 0.00	38.20 1.89 0.00	35.61 1.73 0.00	34.73 1.68 0.00	35.86 1.74 0.00	37.32 1.78 0.00	40.50 1.89 0.00	42.97 1.73 0.00	42.26 1.39 0.00	36.42 1.10 0.00	35.78 0.94 0.00	37.79 0.99 0.00	37.43 0.91 0.00	37.22 0.91 0.00	38.91 1.06 0.00	37.34 1.27 0.11	37.64 1.39 0.45	52.71 2.12 0.00	57.77 2.49 0.00	61.26 3.03 0.00	57.87 2.96 0.00	50.13 2.48 0.00	41.04 1.92 0.00	36.27 1.69 0.00

STONY___BROOK 24151	43.32 4.26 -0.01	39.80 3.49 0.00	37.10 3.22 0.00	35.76 2.71 0.00	37.01 2.90 0.00	37.96 2.42 0.00	40.96 2.36 0.00	43.84 2.60 0.00	43.77 2.90 0.00	38.57 3.25 0.00	40.42 4.07 -1.50	43.95 4.12 -3.03	46.05 4.16 -5.37	48.63 4.28 -8.03	51.33 4.77 -8.71	51.70 4.60 -10.92	53.88 4.62 -12.56	59.05 5.92 -2.55	62.33 5.80 -1.24	65.23 5.42 -1.58	59.30 4.39 0.00	52.08 4.43 0.00	42.72 3.60 0.00	37.41 2.84 0.00
STURGEON_POOL_HYD 23609	41.40 2.34 0.00	38.46 2.14 0.00	35.78 1.90 0.00	34.80 1.75 0.00	35.79 1.67 0.00	37.11 1.56 0.00	40.23 1.62 0.00	43.05 1.81 0.00	43.52 2.66 0.00	37.65 2.33 0.00	37.38 2.54 0.00	39.38 2.58 0.00	39.19 2.67 0.00	39.11 2.80 0.00	41.14 3.29 0.00	41.36 3.29 -1.89	47.82 3.45 -7.67	55.80 5.21 0.00	60.53 5.25 0.00	63.24 5.01 0.00	59.52 4.61 0.00	51.61 3.96 0.00	42.02 2.90 0.00	36.79 2.21 0.00
ST_LAW_115_BK7_LBMP 345037	38.55 -0.51 0.00	35.84 -0.47 0.00	33.41 -0.47 0.00	32.58 -0.46 0.00	33.64 -0.48 0.00	35.12 -0.42 0.00	38.22 -0.39 0.00	40.74 -0.49 0.00	40.42 -0.45 0.00	34.86 -0.46 0.00	34.35 -0.49 0.00	36.32 -0.48 0.00	35.93 -0.59 0.00	35.73 -0.58 0.00	37.24 -0.61 0.00	35.57 -0.62 0.00	36.11 -0.59 0.00	49.78 -0.81 0.00	54.39 -0.89 0.00	57.24 -0.99 0.00	54.08 -0.82 0.00	47.03 -0.62 0.00	38.65 -0.47 0.00	34.16 -0.41 0.00
ST_LAW_115_BK8_LBMP 345038	38.55 -0.51 0.00	35.84 -0.47 0.00	33.41 -0.47 0.00	32.58 -0.46 0.00	33.64 -0.48 0.00	35.12 -0.42 0.00	38.22 -0.39 0.00	40.74 -0.49 0.00	40.42 -0.45 0.00	34.86 -0.46 0.00	34.35 -0.49 0.00	36.32 -0.48 0.00	35.93 -0.59 0.00	35.73 -0.58 0.00	37.24 -0.61 0.00	35.57 -0.62 0.00	36.11 -0.59 0.00	49.78 -0.81 0.00	54.39 -0.89 0.00	57.24 -0.99 0.00	54.08 -0.82 0.00	47.03 -0.62 0.00	38.65 -0.47 0.00	34.16 -0.41 0.00
ST_LAW_230_BK5_LBMP 345035	38.59 -0.47 0.00	35.84 -0.47 0.00	33.44 -0.44 0.00	32.62 -0.43 0.00	33.64 -0.48 0.00	35.15 -0.39 0.00	38.22 -0.39 0.00	40.78 -0.45 0.00	40.46 -0.41 0.00	34.90 -0.42 0.00	34.39 -0.45 0.00	36.36 -0.44 0.00	35.97 -0.55 0.00	35.77 -0.54 0.00	37.28 -0.57 0.00	35.64 -0.54 0.00	36.15 -0.55 0.00	49.83 -0.76 0.00	54.50 -0.77 0.00	57.36 -0.87 0.00	54.19 -0.72 0.00	47.13 -0.52 0.00	38.69 -0.43 0.00	34.20 -0.38 0.00
ST_LAW_230_BK6_LBMP 345036	38.59 -0.47 0.00	35.84 -0.47 0.00	33.44 -0.44 0.00	32.62 -0.43 0.00	33.64 -0.48 0.00	35.15 -0.39 0.00	38.22 -0.39 0.00	40.78 -0.45 0.00	40.46 -0.41 0.00	34.90 -0.42 0.00	34.39 -0.45 0.00	36.36 -0.44 0.00	35.97 -0.55 0.00	35.77 -0.54 0.00	37.28 -0.57 0.00	35.64 -0.54 0.00	36.15 -0.55 0.00	49.83 -0.76 0.00	54.50 -0.77 0.00	57.36 -0.87 0.00	54.19 -0.72 0.00	47.13 -0.52 0.00	38.69 -0.43 0.00	34.20 -0.38 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.21 2.15 0.00	38.27 1.96 0.00	35.61 1.73 0.00	34.63 1.59 0.00	35.65 1.54 0.00	37.00 1.46 0.00	40.15 1.54 0.00	43.05 1.81 0.00	42.83 1.96 0.00	37.16 1.84 0.00	36.90 2.06 0.00	38.90 2.10 0.00	38.67 2.15 0.00	38.60 2.29 0.00	40.42 2.57 0.00	41.06 2.61 -2.27	48.58 2.64 -9.23	54.18 3.59 0.00	58.71 3.43 0.00	61.37 3.14 0.00	57.71 2.80 0.00	50.23 2.57 0.00	40.96 1.84 0.00	36.03 1.45 0.00
SWANROAD_115KV_TB1 355699	31.66 -4.76 2.63	31.69 -4.39 0.23	29.96 -3.90 0.02	28.91 -4.13 0.00	30.46 -3.65 0.01	31.91 -3.63 0.01	31.54 -4.09 2.97	29.44 -3.92 7.88	29.36 -3.51 7.99	29.39 -3.21 2.72	30.06 -3.48 1.30	31.28 -3.68 1.84	30.09 -3.65 2.77	30.55 -3.74 2.03	30.23 -4.13 3.50	29.55 -4.16 2.48	31.60 -4.92 0.19	35.57 -6.07 8.95	40.21 -6.47 8.61	47.22 -6.87 4.14	44.99 -6.48 3.43	39.28 -5.86 2.51	34.70 -4.42 0.00	30.51 -4.05 0.02
SYNERGY___BIOGAS 323694	33.85 -3.28 1.93	33.13 -3.01 0.17	31.19 -2.68 0.01	30.40 -2.64 0.00	31.76 -2.35 0.01	33.30 -2.24 0.01	33.76 -2.66 2.18	32.97 -2.47 5.79	32.92 -2.17 5.78	31.24 -2.12 1.96	31.50 -2.40 0.94	32.95 -2.50 1.35	32.00 -2.48 2.03	32.25 -2.58 1.48	32.40 -2.91 2.54	31.35 -3.04 1.79	33.12 -3.41 0.17	39.08 -4.40 7.11	44.20 -4.15 6.93	50.68 -3.73 3.82	48.33 -3.40 3.18	42.05 -3.29 2.31	36.62 -2.50 0.00	32.04 -2.52 0.01
SYRACUSE___ENERGY_ST1 323597	38.67 -0.39 0.00	35.91 -0.40 0.00	33.54 -0.34 0.00	32.75 -0.30 0.00	33.88 -0.24 0.00	35.33 -0.21 0.00	38.34 -0.27 0.00	40.95 -0.29 0.00	40.62 -0.25 0.00	35.04 -0.28 0.00	34.49 -0.35 0.00	36.43 -0.37 0.00	36.19 -0.33 0.00	35.91 -0.40 0.00	37.32 -0.53 0.00	35.60 -0.58 0.00	36.04 -0.66 0.00	49.73 -0.86 0.00	54.62 -0.66 0.00	57.82 -0.41 0.00	54.47 -0.44 0.00	47.18 -0.48 0.00	38.77 -0.35 0.00	34.27 -0.31 0.00
SYRACUSE___ENERGY_ST2 323598	38.67 -0.39 0.00	35.91 -0.40 0.00	33.54 -0.34 0.00	32.75 -0.30 0.00	33.88 -0.24 0.00	35.33 -0.21 0.00	38.34 -0.27 0.00	40.95 -0.29 0.00	40.62 -0.25 0.00	35.04 -0.28 0.00	34.49 -0.35 0.00	36.43 -0.37 0.00	36.19 -0.33 0.00	35.91 -0.40 0.00	37.32 -0.53 0.00	35.60 -0.58 0.00	36.04 -0.66 0.00	49.73 -0.86 0.00	54.62 -0.66 0.00	57.82 -0.41 0.00	54.47 -0.44 0.00	47.18 -0.48 0.00	38.77 -0.35 0.00	34.27 -0.31 0.00
SYRACUSE___POWER 24017	38.59 -0.47 0.00	35.88 -0.44 0.00	33.47 -0.41 0.00	32.68 -0.36 0.00	33.81 -0.31 0.00	35.26 -0.28 0.00	38.26 -0.35 0.00	40.91 -0.33 0.00	40.54 -0.33 0.00	35.00 -0.32 0.00	34.46 -0.38 0.00	36.40 -0.40 0.00	36.15 -0.37 0.00	35.91 -0.40 0.00	37.32 -0.53 0.00	35.60 -0.58 0.00	36.01 -0.66 0.03	49.17 -0.81 0.61	53.94 -0.66 0.67	57.02 -0.41 0.80	53.80 -0.44 0.67	46.70 -0.48 0.48	38.73 -0.39 0.00	34.23 -0.35 0.00
TALLMAN__138KV_BK151 55660	41.56 2.50 0.00	38.56 2.25 0.00	35.84 1.97 0.00	34.86 1.82 0.00	35.86 1.74 0.00	37.21 1.67 0.00	40.42 1.81 0.00	43.42 2.19 0.00	43.20 2.33 0.00	37.51 2.19 0.00	37.28 2.44 0.00	39.30 2.50 0.00	39.08 2.56 0.00	39.04 2.72 0.00	40.88 3.03 0.00	41.62 3.04 -2.39	49.52 3.08 -9.74	54.68 4.10 0.00	59.20 3.92 0.00	61.78 3.55 0.00	58.15 3.24 0.00	50.61 2.95 0.00	41.24 2.11 0.00	36.24 1.66 0.00
TEALLAVE_115KV_TB7 355573	38.43 -0.62 0.00	35.70 -0.62 0.00	33.34 -0.54 0.00	32.55 -0.50 0.00	33.67 -0.44 0.00	35.12 -0.43 0.00	38.11 -0.50 0.00	40.74 -0.49 0.00	40.42 -0.45 0.00	34.90 -0.42 0.00	34.35 -0.49 0.00	36.28 -0.52 0.00	36.04 -0.47 0.00	35.77 -0.54 0.00	37.17 -0.68 0.00	35.42 -0.76 0.00	35.85 -0.81 0.05	48.69 -1.06 0.83	53.41 -0.94 0.93	56.37 -0.76 1.11	53.27 -0.71 0.92	46.23 -0.76 0.66	38.54 -0.59 0.00	34.09 -0.48 0.00
TELGRAPH_34_KV_EAST 80808	32.87 -3.94 2.25	32.48 -3.63 0.20	30.64 -3.22 0.02	29.81 -3.24 0.00	31.17 -2.93 0.01	32.66 -2.88 0.01	32.75 -3.32 2.54	31.36 -3.13 6.75	31.35 -2.78 6.74	30.42 -2.61 2.29	30.85 -2.89 1.10	32.21 -3.02 1.57	31.15 -2.99 2.37	31.50 -3.09 1.73	31.45 -3.44 2.96	30.58 -3.51 2.09	32.56 -3.96 0.18	37.57 -5.11 7.91	42.48 -5.14 7.66	49.26 -5.01 3.96	46.95 -4.67 3.29	40.87 -4.38 2.40	35.84 -3.29 0.00	31.38 -3.18 0.02

TEMPLE___115KV_TB 2 55572	38.47 -0.59 0.00	35.73 -0.58 0.00	33.37 -0.51 0.00	32.58 -0.46 0.00	33.71 -0.41 0.00	35.15 -0.39 0.00	38.11 -0.50 0.00	40.74 -0.49 0.00	40.46 -0.41 0.00	34.93 -0.39 0.00	34.35 -0.49 0.00	36.32 -0.48 0.00	36.04 -0.47 0.00	35.80 -0.51 0.00	37.21 -0.64 0.00	35.46 -0.72 0.00	35.89 -0.77 0.05	48.73 -1.01 0.85	53.39 -0.94 0.94	56.41 -0.70 1.13	53.26 -0.71 0.94	46.27 -0.71 0.67	38.57 -0.55 0.00	34.13 -0.45 0.00
TIANA___69_KV_BK 1 55817	43.40 4.34 -0.01	40.02 3.70 0.00	37.27 3.39 0.00	35.89 2.84 0.00	37.22 3.10 0.00	38.10 2.56 0.00	40.96 2.36 0.00	43.92 2.68 0.00	44.14 3.27 0.00	38.68 3.36 0.00	40.66 4.32 -1.50	44.29 4.45 -3.03	46.34 4.46 -5.37	48.74 4.39 -8.03	51.44 4.88 -8.71	51.65 4.67 -10.80	54.06 4.92 -12.44	59.17 6.17 -2.41	62.54 6.08 -1.18	65.32 5.59 -1.50	58.75 3.84 0.00	52.56 4.91 0.00	43.03 3.91 0.00	37.62 3.04 0.00
TILDEN___115KV_TB1 80814	38.59 -0.47 0.00	35.88 -0.44 0.00	33.47 -0.41 0.00	32.68 -0.36 0.00	33.81 -0.31 0.00	35.26 -0.28 0.00	38.26 -0.35 0.00	40.91 -0.33 0.00	40.54 -0.33 0.00	35.00 -0.32 0.00	34.46 -0.38 0.00	36.40 -0.40 0.00	36.15 -0.37 0.00	35.91 -0.40 0.00	37.32 -0.53 0.00	35.60 -0.58 0.00	36.01 -0.66 0.03	49.17 -0.81 0.61	53.94 -0.66 0.67	57.02 -0.41 0.80	53.80 -0.44 0.67	46.70 -0.48 0.48	38.73 -0.39 0.00	34.23 -0.35 0.00
TRIGEN___CC 323695	42.42 3.36 -0.01	39.15 2.83 0.00	36.39 2.51 0.00	35.19 2.15 0.00	36.37 2.25 0.00	37.50 1.95 0.00	40.58 1.97 0.00	43.63 2.39 0.00	43.60 2.74 0.00	38.00 2.68 0.00	39.65 3.31 -1.50	43.22 3.39 -3.03	45.36 3.47 -5.37	47.97 3.59 -8.06	50.49 3.90 -8.74	64.83 3.91 -24.74	66.32 3.96 -25.65	74.40 5.26 -18.55	69.48 5.14 -9.06	74.61 4.83 -11.55	59.15 4.23 -0.01	51.48 3.81 -0.01	41.90 2.78 0.00	36.72 2.14 0.00
TRINITY___115KV___ 4 BK 55933	40.23 1.17 0.00	37.44 1.13 0.00	34.96 1.08 0.00	34.07 1.02 0.00	35.14 1.02 0.00	36.50 0.96 0.00	39.57 0.97 0.00	42.18 0.95 0.00	41.64 0.78 0.00	36.03 0.71 0.00	35.54 0.70 0.00	37.57 0.77 0.00	37.29 0.77 0.00	37.08 0.76 0.00	38.76 0.91 0.00	37.14 1.05 0.09	37.43 1.10 0.38	52.00 1.42 0.00	56.72 1.44 0.00	59.69 1.46 0.00	56.28 1.37 0.00	48.80 1.14 0.00	40.14 1.02 0.00	35.48 0.90 0.00
UNION___PROCESSING_DRP 323587	35.67 -2.77 0.61	33.72 -2.54 0.05	31.71 -2.17 0.00	31.16 -1.88 0.00	32.27 -1.84 0.00	33.76 -1.78 0.00	35.48 -2.43 0.69	37.08 -2.31 1.85	37.06 -2.00 1.81	32.83 -1.87 0.61	32.49 -2.06 0.29	34.28 -2.10 0.43	33.79 -2.08 0.64	33.70 -2.14 0.47	34.62 -2.42 0.81	33.11 -2.50 0.57	34.07 -2.50 0.14	43.08 -3.69 3.82	47.85 -3.48 3.94	51.94 -3.03 3.27	49.50 -2.69 2.71	42.98 -2.72 1.95	37.32 -1.80 0.00	32.64 -1.94 0.00
UPPER HUDSON___HYD 24058	41.05 1.99 0.00	38.06 1.74 0.00	35.44 1.56 0.00	34.57 1.52 0.00	35.75 1.64 0.00	37.21 1.67 0.00	40.39 1.78 0.00	42.80 1.57 0.00	41.97 1.10 0.00	36.03 0.71 0.00	35.29 0.45 0.00	37.13 0.33 0.00	36.63 0.11 0.00	36.39 0.07 0.00	37.96 0.11 0.00	36.71 0.65 0.12	37.05 0.84 0.49	52.16 1.57 0.00	57.38 2.10 0.00	61.37 3.14 0.00	58.09 3.18 0.00	50.13 2.48 0.00	41.00 1.88 0.00	36.20 1.63 0.00
UPPER RAQUET___HYD 24056	38.51 -0.55 0.00	35.73 -0.58 0.00	33.27 -0.61 0.00	32.48 -0.56 0.00	33.67 -0.44 0.00	35.19 -0.36 0.00	38.26 -0.35 0.00	40.41 -0.82 0.00	40.09 -0.78 0.00	34.47 -0.85 0.00	33.86 -0.98 0.00	35.81 -0.99 0.00	35.35 -1.17 0.00	35.15 -1.16 0.00	36.60 -1.25 0.00	34.81 -1.37 0.00	35.23 -1.47 0.00	48.61 -1.97 0.00	53.40 -1.88 0.00	56.31 -1.92 0.00	53.26 -1.65 0.00	46.32 -1.33 0.00	38.22 -0.90 0.00	33.89 -0.69 0.00
VALLEY44___115KV_TB2 355964	33.73 -2.34 2.98	33.99 -2.07 0.26	31.11 -2.74 0.02	29.87 -3.17 0.00	30.97 -3.14 0.01	32.37 -3.16 0.01	33.42 -1.81 3.37	30.70 -1.57 8.97	30.73 -1.35 8.79	31.10 -1.24 2.99	31.95 -1.46 1.43	33.21 -1.51 2.08	31.91 -1.46 3.15	32.53 -1.49 2.29	32.33 -1.70 3.82	31.74 -1.74 2.71	34.06 -2.46 0.18	38.73 -2.53 9.33	43.83 -2.54 8.90	52.00 -2.27 3.95	48.82 -2.80 3.29	43.31 -1.95 2.39	35.88 -3.25 0.00	32.00 -2.56 0.02
VALLEY___115KV_TB 1-4 80826	39.60 0.55 0.00	36.75 0.44 0.00	34.29 0.41 0.00	33.44 0.40 0.00	34.63 0.51 0.00	36.04 0.50 0.00	39.15 0.54 0.00	41.85 0.62 0.00	41.48 0.61 0.00	35.81 0.49 0.00	35.33 0.49 0.00	37.32 0.52 0.00	37.07 0.55 0.00	36.86 0.54 0.00	38.42 0.57 0.00	36.73 0.54 0.00	37.18 0.48 0.00	51.40 0.81 0.00	56.33 1.05 0.00	59.40 1.16 0.00	56.11 1.21 0.00	48.70 1.05 0.00	40.02 0.90 0.00	35.37 0.80 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.35 1.29 0.00	37.55 1.23 0.00	35.03 1.15 0.00	34.17 1.12 0.00	35.45 1.33 0.00	36.82 1.28 0.00	40.96 2.36 0.00	43.63 2.39 0.00	44.49 2.04 -1.58	37.16 1.31 -0.54	36.07 0.98 -0.26	38.21 1.03 -0.38	38.15 1.06 -0.57	37.71 0.98 -0.41	39.44 0.87 -0.72	37.56 0.87 -0.51	37.45 0.73 -0.02	53.81 1.82 -1.41	58.51 3.21 -0.02	61.90 3.67 0.00	58.48 3.57 0.00	50.46 2.81 0.00	41.16 2.03 0.00	36.20 1.63 0.00
VISCHER___FERRY HYD 24020	40.74 1.68 0.00	37.87 1.56 0.00	35.37 1.49 0.00	34.47 1.42 0.00	35.58 1.47 0.00	37.00 1.46 0.00	40.19 1.58 0.00	42.76 1.53 0.00	42.17 1.31 0.00	36.45 1.13 0.00	35.92 1.08 0.00	37.94 1.14 0.00	37.65 1.13 0.00	37.44 1.13 0.00	39.18 1.32 0.00	37.63 1.45 0.00	38.24 1.54 0.00	52.76 2.17 0.00	57.55 2.27 0.00	60.73 2.50 0.00	57.21 2.31 0.00	49.61 1.95 0.00	40.73 1.60 0.00	36.00 1.42 0.00
V_A_10_SYNC_DSASP 323832	32.87 -4.30 1.89	32.19 -3.96 0.16	30.48 -3.39 0.01	30.07 -2.97 0.00	31.11 -3.00 0.01	32.55 -2.99 0.01	32.69 -3.78 2.14	31.88 -3.67 5.69	32.01 -3.35 5.50	30.41 -3.04 1.87	30.70 -3.24 0.89	32.09 -3.39 1.32	31.17 -3.36 1.99	31.45 -3.41 1.45	31.60 -3.75 2.50	30.62 -3.80 1.77	32.78 -3.74 0.17	37.92 -5.51 7.15	42.54 -5.75 6.99	48.93 -5.36 3.94	46.80 -4.83 3.27	40.61 -4.67 2.37	35.99 -3.13 0.00	31.38 -3.18 0.01
V_CMM_10_SYNC_DSASP 323787	38.71 -0.35 0.00	35.99 -0.33 0.00	33.54 -0.34 0.00	32.72 -0.33 0.00	33.74 -0.38 0.00	35.26 -0.28 0.00	38.38 -0.23 0.00	40.91 -0.33 0.00	40.58 -0.29 0.00	35.00 -0.32 0.00	34.49 -0.35 0.00	36.43 -0.37 0.00	36.04 -0.47 0.00	35.84 -0.47 0.00	37.36 -0.49 0.00	35.68 -0.51 0.00	36.23 -0.48 0.00	49.88 -0.71 0.00	54.45 -0.83 0.00	57.18 -1.05 0.00	54.03 -0.88 0.00	47.18 -0.48 0.00	38.85 -0.27 0.00	34.30 -0.28 0.00
V_CMP_10_SYNC_DSASP 323788	39.14 0.08 0.00	36.35 0.04 0.00	33.81 -0.07 0.00	32.91 -0.13 0.00	33.95 -0.17 0.00	35.47 -0.07 0.00	38.57 -0.04 0.00	41.11 -0.12 0.00	40.83 -0.04 0.00	35.21 -0.11 0.00	34.67 -0.17 0.00	36.65 -0.15 0.00	36.23 -0.29 0.00	36.02 -0.29 0.00	37.55 -0.30 0.00	35.86 -0.33 0.00	36.45 -0.26 0.00	50.23 -0.35 0.00	55.06 -0.22 0.00	58.11 -0.12 0.00	54.91 0.00 0.00	47.65 0.00 0.00	39.16 0.04 0.00	34.51 -0.07 0.00



V_D_10_SYNC_DSASP 323841	38.86 -0.20 0.00	36.13 -0.18 0.00	33.64 -0.24 0.00	32.81 -0.23 0.00	33.91 -0.20 0.00	35.44 -0.11 0.00	38.53 -0.08 0.00	41.03 -0.21 0.00	40.70 -0.16 0.00	35.07 -0.25 0.00	34.53 -0.31 0.00	36.51 -0.29 0.00	36.08 -0.44 0.00	35.88 -0.44 0.00	37.40 -0.45 0.00	35.68 -0.51 0.00	36.23 -0.48 0.00	49.88 -0.71 0.00	54.62 -0.66 0.00	57.53 -0.70 0.00	54.36 -0.55 0.00	47.32 -0.33 0.00	38.93 -0.20 0.00	34.40 -0.17 0.00
V_E_10_SYNC_DSASP 323830	40.92 1.09 -0.77	37.40 1.02 -0.07	34.83 0.95 -0.01	34.04 0.99 0.00	35.72 1.60 0.00	37.25 1.71 0.00	41.45 1.97 -0.87	45.49 1.94 -2.32	44.88 1.51 -2.50	36.84 0.67 -0.85	35.60 0.35 -0.41	37.73 0.33 -0.60	37.86 0.44 -0.90	37.33 0.36 -0.66	39.21 0.23 -1.13	37.24 0.25 -0.80	36.85 0.15 0.00	53.54 1.11 -1.84	59.40 2.71 -1.41	61.44 3.32 0.11	58.11 3.29 0.09	50.22 2.62 0.06	41.00 1.88 0.00	36.07 1.49 -0.01
V_F_30_NSYNC___DSASP 323816	41.17 2.11 0.00	38.24 1.92 0.00	35.64 1.76 0.00	34.76 1.72 0.00	35.89 1.77 0.00	37.35 1.81 0.00	40.54 1.93 0.00	43.01 1.77 0.00	42.34 1.47 0.00	36.45 1.13 0.00	35.85 1.01 0.00	37.87 1.07 0.00	37.51 0.99 0.00	37.29 0.98 0.00	38.95 1.10 0.00	37.37 1.30 0.12	37.69 1.47 0.48	52.76 2.18 0.00	57.82 2.54 0.00	61.37 3.14 0.00	57.98 3.07 0.00	50.18 2.53 0.00	41.12 2.00 0.00	36.31 1.73 0.00
V_F_30_SYNC_DSASP 323786	40.38 1.33 0.00	37.58 1.27 0.00	35.07 1.19 0.00	34.17 1.12 0.00	35.28 1.16 0.00	36.64 1.10 0.00	39.73 1.12 0.00	42.31 1.07 0.00	41.68 0.82 0.00	36.06 0.74 0.00	35.54 0.70 0.00	37.61 0.81 0.00	37.32 0.80 0.00	37.11 0.80 0.00	38.76 0.91 0.00	37.15 1.05 0.08	37.50 1.14 0.34	52.10 1.52 0.00	56.88 1.60 0.00	59.98 1.75 0.00	56.55 1.65 0.00	48.99 1.33 0.00	40.30 1.17 0.00	35.61 1.04 0.00
V_XM_10_SYNC_DSASP 323789	39.14 0.08 0.00	36.35 0.04 0.00	33.81 -0.07 0.00	32.91 -0.13 0.00	33.95 -0.17 0.00	35.47 -0.07 0.00	38.57 -0.04 0.00	41.11 -0.12 0.00	40.83 -0.04 0.00	35.21 -0.11 0.00	34.67 -0.17 0.00	36.65 -0.15 0.00	36.23 -0.29 0.00	36.02 -0.29 0.00	37.55 -0.30 0.00	35.86 -0.33 0.00	36.45 -0.26 0.00	50.23 -0.35 0.00	55.06 -0.22 0.00	58.11 -0.12 0.00	54.91 0.00 0.00	47.65 0.00 0.00	39.16 0.04 0.00	34.51 -0.07 0.00
W.BABYLN_69_KV_BK1 56697	43.56 4.49 -0.01	40.02 3.70 0.00	37.23 3.35 0.00	35.89 2.84 0.00	37.19 3.07 0.00	38.24 2.70 0.00	41.31 2.70 0.00	44.41 3.18 0.00	44.50 3.64 0.00	38.82 3.50 0.00	40.59 4.25 -1.50	44.21 4.38 -3.03	46.34 4.46 -5.37	48.93 4.58 -8.04	51.52 4.96 -8.72	55.44 4.88 -14.37	57.48 4.95 -15.82	63.56 6.42 -6.55	64.89 6.41 -3.20	68.47 6.17 -4.07	59.96 5.05 0.00	52.75 5.10 0.00	42.96 3.83 0.00	37.55 2.97 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.67 2.62 0.00	38.67 2.36 0.00	35.98 2.10 0.00	34.96 1.92 0.00	35.99 1.88 0.00	37.35 1.81 0.00	40.54 1.93 0.00	43.55 2.31 0.00	43.32 2.45 0.00	37.58 2.26 0.00	37.35 2.51 0.00	39.38 2.58 0.00	39.19 2.67 0.00	39.11 2.80 0.00	40.99 3.14 0.00	41.76 3.15 -2.43	49.82 3.23 -9.88	54.89 4.30 0.00	59.42 4.15 0.00	62.07 3.84 0.00	58.37 3.46 0.00	50.80 3.15 0.00	41.39 2.27 0.00	36.38 1.80 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.14 3.09 0.00	39.11 2.80 0.00	36.29 2.41 0.00	35.26 2.21 0.00	36.30 2.18 0.00	37.67 2.13 0.00	40.93 2.32 0.00	44.08 2.85 0.00	43.89 3.02 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	39.96 3.16 0.00	39.77 3.25 0.00	39.96 3.41 -0.23	41.85 3.75 -0.25	43.01 3.73 -3.10	50.92 3.74 -10.47	55.54 4.96 0.00	59.98 4.70 0.00	62.48 4.25 0.00	58.81 3.90 0.00	51.23 3.57 0.00	41.63 2.50 0.00	36.65 2.07 0.00
W50THST__13_KV_LOAD 356117	42.34 3.28 0.00	39.29 2.98 0.00	36.45 2.57 0.00	35.42 2.38 0.00	36.47 2.35 0.00	37.85 2.31 0.00	41.20 2.59 0.00	44.37 3.13 0.00	44.18 3.31 0.00	38.36 3.04 0.00	38.23 3.34 -0.04	40.26 3.46 0.00	40.03 3.51 0.00	40.21 3.67 -0.23	42.11 4.01 -0.25	43.26 3.98 -3.10	51.17 4.00 -10.47	55.90 5.31 0.00	60.36 5.09 0.00	62.83 4.60 0.00	59.13 4.23 0.00	51.51 3.86 0.00	41.82 2.70 0.00	36.79 2.21 0.00
WADING RIVER_IC_1 23522	43.20 4.14 -0.01	39.87 3.56 0.00	37.16 3.29 0.00	35.82 2.78 0.00	37.08 2.97 0.00	37.89 2.35 0.00	40.69 2.08 0.00	43.46 2.23 0.00	43.23 2.37 0.00	38.36 3.04 0.00	40.31 3.97 -1.50	43.88 4.05 -3.03	45.94 4.05 -5.37	48.38 4.03 -8.03	51.21 4.65 -8.71	51.24 4.27 -10.79	53.69 4.55 -12.43	58.65 5.66 -2.40	61.98 5.53 -1.17	64.78 5.06 -1.49	58.64 3.74 0.01	51.98 4.34 0.01	42.80 3.68 0.00	37.48 2.90 0.00
WADING RIVER_IC_2 23547	43.20 4.14 -0.01	39.87 3.56 0.00	37.16 3.29 0.00	35.82 2.78 0.00	37.08 2.97 0.00	37.89 2.35 0.00	40.69 2.08 0.00	43.46 2.23 0.00	43.23 2.37 0.00	38.36 3.04 0.00	40.31 3.97 -1.50	43.88 4.05 -3.03	45.94 4.05 -5.37	48.38 4.03 -8.03	51.21 4.65 -8.71	51.24 4.27 -10.79	53.69 4.55 -12.43	58.65 5.66 -2.40	61.98 5.53 -1.17	64.78 5.06 -1.49	58.64 3.74 0.01	51.98 4.34 0.01	42.80 3.68 0.00	37.48 2.90 0.00
WADING RIVER_IC_3 23601	43.20 4.14 -0.01	39.87 3.56 0.00	37.16 3.29 0.00	35.82 2.78 0.00	37.08 2.97 0.00	37.89 2.35 0.00	40.69 2.08 0.00	43.46 2.23 0.00	43.23 2.37 0.00	38.36 3.04 0.00	40.31 3.97 -1.50	43.88 4.05 -3.03	45.94 4.05 -5.37	48.38 4.03 -8.03	51.21 4.65 -8.71	51.24 4.27 -10.79	53.69 4.55 -12.43	58.65 5.66 -2.40	61.98 5.53 -1.17	64.78 5.06 -1.49	58.64 3.74 0.01	51.98 4.34 0.01	42.80 3.68 0.00	37.48 2.90 0.00
WALDENNY_12_KV_BK2 80841	31.85 -3.75 3.46	32.60 -3.41 0.30	30.64 -3.22 0.03	29.81 -3.24 0.00	30.97 -3.14 0.01	32.40 -3.13 0.01	31.52 -3.17 3.92	27.81 -3.01 10.41	27.92 -2.70 10.25	29.37 -2.47 3.48	30.46 -2.72 1.67	31.58 -2.80 2.42	30.09 -2.78 3.66	30.81 -2.83 2.67	30.22 -3.18 4.45	29.85 -3.18 3.15	32.97 -3.52 0.20	35.33 -4.55 10.70	40.39 -4.70 10.19	49.53 -4.31 4.39	46.98 -4.28 3.65	41.18 -3.81 2.66	35.88 -3.25 0.00	31.51 -3.04 0.03
WALDEN___HYDRO 24148	41.40 2.34 0.00	38.42 2.11 0.00	35.78 1.90 0.00	34.80 1.75 0.00	35.79 1.67 0.00	37.14 1.60 0.00	40.31 1.70 0.00	43.17 1.94 0.00	42.95 2.08 0.00	37.23 1.91 0.00	36.96 2.13 0.00	38.97 2.17 0.00	38.75 2.23 0.00	38.67 2.36 0.00	40.54 2.69 0.00	41.19 2.71 -2.30	48.84 2.79 -9.35	54.48 3.90 0.00	59.09 3.81 0.00	61.78 3.55 0.00	58.09 3.18 0.00	50.51 2.86 0.00	41.20 2.07 0.00	36.17 1.59 0.00
WARRENSBURG____ 23737	41.05 1.99 0.00	38.09 1.78 0.00	35.44 1.56 0.00	34.57 1.52 0.00	35.75 1.64 0.00	37.21 1.67 0.00	40.38 1.78 0.00	42.76 1.53 0.00	41.97 1.10 0.00	36.03 0.71 0.00	35.29 0.45 0.00	37.13 0.33 0.00	36.63 0.11 0.00	36.39 0.07 0.00	37.89 0.04 0.00	36.71 0.65 0.12	37.05 0.84 0.49	52.16 1.57 0.00	57.38 2.10 0.00	61.37 3.14 0.00	58.09 3.18 0.00	50.13 2.48 0.00	41.04 1.92 0.00	36.20 1.63 0.00

WATERSIDE___6 8 9 23538	42.18 3.12 0.00	39.18 2.87 0.00	36.32 2.44 0.00	35.32 2.28 0.00	36.33 2.22 0.00	37.67 2.13 0.00	40.89 2.28 0.00	44.04 2.80 0.00	43.89 3.02 0.00	38.11 2.79 0.00	37.98 3.10 -0.04	40.00 3.20 0.00	39.81 3.29 0.00	40.00 3.45 -0.24	41.89 3.79 -0.26	43.02 3.73 -3.11	50.95 3.78 -10.47	55.60 5.01 0.00	59.87 4.59 0.00	62.25 4.02 0.00	58.64 3.73 0.00	51.23 3.57 0.00	41.59 2.46 0.00	36.62 2.04 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.49 0.43 0.00	36.71 0.40 0.00	34.25 0.37 0.00	33.41 0.36 0.00	34.56 0.44 0.00	35.97 0.43 0.00	39.07 0.46 0.00	41.73 0.49 0.00	41.32 0.45 0.00	35.71 0.39 0.00	35.22 0.38 0.00	37.20 0.40 0.00	36.96 0.44 0.00	36.75 0.44 0.00	38.31 0.45 0.00	36.62 0.43 0.00	37.11 0.40 0.00	51.24 0.66 0.00	56.11 0.83 0.00	59.10 0.87 0.00	55.79 0.88 0.00	48.42 0.76 0.00	39.79 0.67 0.00	35.17 0.59 0.00
WDELAWARE___HYD 323627	41.05 1.99 0.00	38.06 1.74 0.00	35.47 1.59 0.00	34.50 1.45 0.00	35.52 1.40 0.00	36.86 1.32 0.00	40.00 1.39 0.00	42.76 1.53 0.00	42.62 1.76 0.00	36.91 1.59 0.00	36.62 1.78 0.00	38.60 1.80 0.00	38.38 1.86 0.00	38.31 2.00 0.00	40.28 2.42 0.00	40.39 2.32 -1.89	46.83 2.42 -7.71	54.23 3.64 0.00	58.98 3.70 0.00	61.72 3.49 0.00	58.09 3.18 0.00	50.37 2.71 0.00	41.08 1.96 0.00	36.03 1.45 0.00
WEST BABYLON___IC 23714	43.56 4.49 -0.01	40.02 3.70 0.00	37.23 3.35 0.00	35.89 2.84 0.00	37.19 3.07 0.00	38.24 2.70 0.00	41.31 2.70 0.00	44.41 3.18 0.00	44.50 3.64 0.00	38.82 3.50 0.00	40.59 4.25 -1.50	44.21 4.38 -3.03	46.34 4.46 -5.37	48.93 4.58 -8.04	51.52 4.96 -8.72	55.44 4.88 -14.37	57.48 4.95 -15.82	63.56 6.42 -6.55	64.89 6.41 -3.20	68.47 6.17 -4.07	59.96 5.05 0.00	52.75 5.10 0.00	42.96 3.83 0.00	37.55 2.97 0.00
WEST CANADA___HYD 24049	39.25 0.20 0.00	36.50 0.18 0.00	34.05 0.17 0.00	33.21 0.17 0.00	34.32 0.21 0.00	35.68 0.14 0.00	38.76 0.16 0.00	41.40 0.17 0.00	40.99 0.12 0.00	35.43 0.11 0.00	34.94 0.10 0.00	36.91 0.11 0.00	36.63 0.11 0.00	36.42 0.11 0.00	38.00 0.15 0.00	36.33 0.15 0.00	36.85 0.15 0.00	50.79 0.20 0.00	55.50 0.22 0.00	58.46 0.23 0.00	55.13 0.22 0.00	47.80 0.14 0.00	39.28 0.16 0.00	34.72 0.14 0.00
WESTERN_NY_WIND 24143	33.65 -3.36 2.05	33.05 -3.09 0.18	31.12 -2.74 0.02	30.34 -2.71 0.00	31.69 -2.42 0.01	33.22 -2.31 0.01	33.55 -2.74 2.32	32.52 -2.56 6.16	32.46 -2.25 6.15	31.04 -2.19 2.09	31.37 -2.47 1.00	32.79 -2.58 1.44	31.80 -2.56 2.16	32.08 -2.65 1.58	32.16 -2.99 2.70	31.16 -3.11 1.91	33.04 -3.49 0.17	38.67 -4.50 7.42	43.81 -4.26 7.21	50.45 -3.90 3.88	48.17 -3.51 3.22	41.92 -3.38 2.34	36.54 -2.58 0.00	31.97 -2.59 0.02
WESTOVER___LESR 323668	39.91 0.27 -0.58	36.62 0.25 -0.05	34.05 0.17 0.00	33.18 0.13 0.00	34.32 0.20 0.00	35.76 0.21 0.00	39.65 0.39 -0.65	43.43 0.45 -1.74	43.09 0.45 -1.77	36.24 0.32 -0.60	35.37 0.24 -0.29	37.48 0.26 -0.42	37.45 0.29 -0.64	37.03 0.25 -0.47	38.89 0.23 -0.81	37.07 0.22 -0.67	37.21 0.11 -0.40	52.07 0.35 -1.13	56.77 0.61 -0.88	58.80 0.87 0.31	55.36 0.71 0.26	48.05 0.57 0.17	39.40 0.27 0.00	34.79 0.21 0.00
WETHRSFD_WT_PWR 323626	26.49 -2.93 9.64	32.84 -2.65 0.83	31.17 -2.64 0.07	30.43 -2.61 0.00	31.56 -2.52 0.03	32.99 -2.52 0.03	25.11 -2.59 10.91	9.54 -2.68 29.02	9.90 -2.66 28.31	23.12 -2.58 9.62	27.52 -2.72 4.60	27.25 -2.80 6.75	23.67 -2.66 10.18	26.20 -2.69 7.42	22.38 -2.91 12.55	24.48 -2.82 8.88	33.30 -3.05 0.36	20.48 -3.85 26.26	27.27 -3.65 24.36	47.92 -3.20 7.10	45.99 -3.02 5.90	40.56 -2.71 4.38	36.62 -2.50 0.00	32.05 -2.45 0.07
WHAVSTOR_138KV_BK127 55557	41.52 2.46 0.00	38.56 2.25 0.00	35.84 1.97 0.00	34.86 1.82 0.00	35.86 1.74 0.00	37.21 1.67 0.00	40.42 1.81 0.00	43.42 2.19 0.00	43.15 2.29 0.00	37.47 2.15 0.00	37.24 2.40 0.00	39.27 2.47 0.00	39.08 2.56 0.00	39.00 2.69 0.00	40.88 3.03 0.00	41.62 3.00 -2.44	49.66 3.05 -9.92	54.63 4.05 0.00	59.15 3.87 0.00	61.72 3.49 0.00	58.04 3.13 0.00	50.56 2.91 0.00	41.20 2.07 0.00	36.24 1.66 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.52 2.46 0.00	38.56 2.25 0.00	35.84 1.97 0.00	34.86 1.82 0.00	35.86 1.74 0.00	37.21 1.67 0.00	40.42 1.81 0.00	43.42 2.19 0.00	43.15 2.29 0.00	37.47 2.15 0.00	37.24 2.40 0.00	39.27 2.47 0.00	39.08 2.56 0.00	39.00 2.69 0.00	40.88 3.03 0.00	41.62 3.00 -2.44	49.66 3.05 -9.92	54.63 4.05 0.00	59.15 3.87 0.00	61.72 3.49 0.00	58.04 3.13 0.00	50.56 2.91 0.00	41.20 2.07 0.00	36.24 1.66 0.00
WHITEHAL_115KV_TB1 80871	41.87 2.81 0.00	38.78 2.47 0.00	36.12 2.24 0.00	35.23 2.18 0.00	36.44 2.32 0.00	37.99 2.45 0.00	41.23 2.63 0.00	43.50 2.27 0.00	42.58 1.72 0.00	36.45 1.13 0.00	35.61 0.77 0.00	37.54 0.74 0.00	36.99 0.47 0.00	36.75 0.44 0.00	38.31 0.45 0.00	37.08 1.01 0.12	37.47 1.25 0.48	52.81 2.23 0.00	58.37 3.10 0.00	62.77 4.54 0.00	59.52 4.61 0.00	51.27 3.62 0.00	41.90 2.78 0.00	36.93 2.35 0.00
WHITEPLN_13_KV_LOAD 356215	42.30 3.24 0.00	39.25 2.94 0.00	36.45 2.57 0.00	35.46 2.41 0.00	36.37 2.25 0.00	37.78 2.24 0.00	41.04 2.43 0.00	44.20 2.97 0.00	43.97 3.11 0.00	38.15 2.83 0.00	37.91 3.07 0.00	40.00 3.20 0.00	39.77 3.25 0.00	39.73 3.41 0.00	41.60 3.75 0.00	42.44 3.69 -2.56	50.92 3.78 -10.43	55.54 4.96 0.00	60.20 4.92 0.00	62.77 4.54 0.00	58.97 4.06 0.00	51.32 3.67 0.00	41.74 2.62 0.00	36.69 2.11 0.00
WM_FLOYD_69_KV_BK2 356380	43.32 4.26 -0.01	39.94 3.63 0.00	37.17 3.29 0.00	35.82 2.78 0.00	37.12 3.00 0.00	38.07 2.52 0.00	40.96 2.36 0.00	43.88 2.64 0.00	44.01 3.15 0.00	38.50 3.18 0.00	40.38 4.04 -1.50	43.92 4.08 -3.03	46.01 4.13 -5.37	48.49 4.14 -8.03	51.21 4.66 -8.71	51.49 4.45 -10.86	53.82 4.62 -12.49	58.88 5.82 -2.48	62.18 5.69 -1.21	65.06 5.30 -1.54	58.69 3.79 0.00	52.32 4.67 0.00	42.88 3.76 0.00	37.52 2.94 0.00
WOODARD___115KV_TB2 355635	38.39 -0.66 0.00	35.70 -0.62 0.00	33.30 -0.58 0.00	32.55 -0.50 0.00	33.64 -0.48 0.00	35.08 -0.46 0.00	38.07 -0.54 0.00	40.66 -0.58 0.00	40.38 -0.49 0.00	34.86 -0.46 0.00	34.32 -0.52 0.00	36.25 -0.55 0.00	35.97 -0.55 0.00	35.73 -0.58 0.00	37.13 -0.72 0.00	35.39 -0.80 0.00	35.83 -0.84 0.03	48.93 -1.11 0.54	53.63 -1.05 0.60	56.70 -0.82 0.72	53.49 -0.82 0.60	46.41 -0.81 0.43	38.50 -0.63 0.00	34.06 -0.52 0.00
YORK___WARBASSE 23770	42.46 3.40 -0.01	39.41 3.09 -0.01	36.53 2.64 -0.01	35.53 2.48 -0.01	36.54 2.42 0.00	37.82 2.27 0.00	41.00 2.39 0.00	44.16 2.93 0.00	43.97 3.11 0.00	38.18 2.86 0.00	38.09 3.21 -0.04	40.15 3.35 0.00	39.95 3.43 0.00	40.18 3.63 -0.24	42.08 3.97 -0.26	43.24 3.94 -3.11	51.22 4.04 -10.48	55.90 5.31 0.00	60.09 4.81 0.00	62.42 4.19 0.00	58.86 3.95 0.00	51.51 3.86 0.00	41.74 2.62 0.00	36.79 2.21 0.00