

# Day Ahead Market Generator LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

06/16/2026

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	40.55	38.13	34.82	34.18	33.86	35.69	40.40	40.26	37.20	35.42	32.97	33.68	34.37	37.80	38.71	39.91	47.34	55.44	65.74	70.54	66.18	58.88	44.00	38.44
24138	2.30	1.95	1.97	1.87	1.77	1.67	2.21	2.42	2.43	2.38	2.39	2.44	2.55	2.80	3.07	3.33	4.07	4.53	4.70	4.49	3.80	3.54	2.53	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	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	40.55	38.13	34.82	34.18	33.86	35.66	40.33	40.18	37.17	35.35	32.94	33.62	34.33	37.76	38.64	39.83	47.26	55.39	65.68	70.48	66.12	58.83	44.00	38.44
24260	2.30	1.95	1.97	1.87	1.77	1.63	2.14	2.35	2.40	2.31	2.35	2.37	2.51	2.76	2.99	3.26	3.98	4.48	4.64	4.43	3.74	3.49	2.53	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	40.55	38.13	34.82	34.18	33.86	35.66	40.33	40.18	37.17	35.35	32.94	33.62	34.33	37.76	38.64	39.83	47.26	55.39	65.68	70.48	66.12	58.83	44.00	38.44
24261	2.30	1.95	1.97	1.87	1.77	1.63	2.14	2.35	2.40	2.31	2.35	2.37	2.51	2.76	2.99	3.26	3.98	4.48	4.64	4.43	3.74	3.49	2.53	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	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	39.79	37.66	34.30	33.73	33.38	35.42	39.64	38.78	35.43	33.34	30.73	31.56	31.95	35.03	35.68	37.13	44.34	52.54	63.67	70.08	66.18	58.83	44.00	38.44
24011	1.53	1.48	1.45	1.42	1.28	1.40	1.45	0.95	0.66	0.30	0.15	0.31	0.13	0.03	0.04	0.55	1.08	1.63	2.62	4.03	3.80	3.49	2.53	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	39.90	37.77	34.40	33.82	33.48	35.56	39.76	39.01	35.57	33.44	30.80	31.71	32.04	35.14	35.83	37.27	44.60	52.90	64.21	71.01	67.11	59.60	44.50	38.88
23798	1.64	1.59	1.54	1.52	1.38	1.53	1.57	1.17	0.80	0.40	0.22	0.47	0.22	0.14	0.18	0.69	1.34	1.98	3.17	4.96	4.74	4.26	3.03	2.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	39.79	37.66	34.30	33.73	33.38	35.42	39.64	38.78	35.43	33.34	30.73	31.56	31.95	35.03	35.68	37.13	44.34	52.54	63.67	70.08	66.18	58.83	44.00	38.44
24028	1.53	1.48	1.45	1.42	1.28	1.40	1.45	0.95	0.66	0.30	0.15	0.31	0.13	0.03	0.04	0.55	1.08	1.63	2.62	4.03	3.80	3.49	2.53	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	39.86	37.63	34.36	33.72	33.35	35.35	39.68	39.08	35.91	34.23	31.59	32.27	32.84	36.12	36.82	37.97	45.21	53.15	63.42	68.30	64.74	57.83	43.38	38.04
23527	1.61	1.45	1.51	1.42	1.25	1.33	1.49	1.25	1.15	1.19	1.01	1.03	1.02	1.12	1.17	1.39	1.95	2.24	2.38	2.25	2.37	2.49	1.91	1.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.79	36.69	33.44	32.85	32.55	34.43	38.61	37.99	34.94	33.11	30.61	31.40	31.92	35.10	35.83	36.91	43.87	51.32	61.47	66.58	62.87	55.95	42.14	36.95
24190	0.54	0.51	0.59	0.55	0.45	0.41	0.42	0.15	0.17	0.07	0.03	0.16	0.10	0.10	0.18	0.33	0.61	0.41	0.43	0.53	0.50	0.61	0.66	0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	38.29	36.25	32.75	32.27	32.10	34.09	38.30	37.88	34.77	32.97	30.52	31.21	31.82	34.93	35.54	36.43	43.17	50.71	60.43	65.52	62.19	55.12	41.60	36.55
355683	0.04	0.07	-0.10	-0.03	0.00	0.07	0.11	0.04	0.00	-0.07	-0.06	-0.03	0.00	-0.07	-0.11	-0.15	-0.09	-0.20	-0.61	-0.53	-0.19	-0.22	0.12	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.48	37.37	34.03	33.43	33.12	35.01	39.14	38.37	35.11	33.21	30.70	31.49	32.01	35.21	35.97	37.05	44.00	51.83	62.38	67.90	64.19	57.16	42.88	37.60
323833	1.22	1.19	1.18	1.13	1.03	0.99	0.96	0.53	0.35	0.17	0.12	0.25	0.19	0.21	0.32	0.47	0.73	0.92	1.34	1.85	1.81	1.82	1.41	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.44	37.34	34.03	33.43	33.09	35.01	39.14	38.33	35.11	33.21	30.70	31.49	32.01	35.25	35.97	37.05	44.00	51.83	62.32	67.90	64.19	57.16	42.88	37.60
323834	1.19	1.16	1.18	1.13	1.00	0.99	0.96	0.49	0.35	0.17	0.12	0.25	0.19	0.25	0.32	0.47	0.73	0.92	1.28	1.85	1.81	1.82	1.41	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.79	36.69	33.44	32.85	32.55	34.43	38.61	37.99	34.94	33.11	30.61	31.40	31.92	35.10	35.83	36.91	43.87	51.32	61.47	66.58	62.87	55.95	42.14	36.95
23571	0.54	0.51	0.59	0.55	0.45	0.41	0.42	0.15	0.17	0.07	0.03	0.16	0.10	0.10	0.18	0.33	0.61	0.41	0.43	0.53	0.50	0.61	0.66	0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	38.79 0.54 0.00	36.69 0.51 0.00	33.44 0.59 0.00	32.85 0.55 0.00	32.55 0.45 0.00	34.43 0.41 0.00	38.61 0.42 0.00	37.99 0.15 0.00	34.94 0.17 0.00	33.11 0.07 0.00	30.61 0.03 0.00	31.40 0.16 0.00	31.92 0.10 0.00	35.10 0.10 0.00	35.83 0.18 0.00	36.91 0.33 0.00	43.87 0.61 0.00	51.32 0.41 0.00	61.47 0.43 0.00	66.58 0.53 0.00	62.87 0.50 0.00	55.95 0.61 0.00	42.14 0.66 0.00	36.95 0.55 0.00
ALBANY___3 23573	38.79 0.54 0.00	36.69 0.51 0.00	33.44 0.59 0.00	32.85 0.55 0.00	32.55 0.45 0.00	34.43 0.41 0.00	38.61 0.42 0.00	37.99 0.15 0.00	34.94 0.17 0.00	33.11 0.07 0.00	30.61 0.03 0.00	31.40 0.16 0.00	31.92 0.10 0.00	35.10 0.10 0.00	35.83 0.18 0.00	36.91 0.33 0.00	43.87 0.61 0.00	51.32 0.41 0.00	61.47 0.43 0.00	66.58 0.53 0.00	62.87 0.50 0.00	55.95 0.61 0.00	42.14 0.66 0.00	36.95 0.55 0.00
ALBANY___4 23574	38.79 0.54 0.00	36.69 0.51 0.00	33.44 0.59 0.00	32.85 0.55 0.00	32.55 0.45 0.00	34.43 0.41 0.00	38.61 0.42 0.00	37.99 0.15 0.00	34.94 0.17 0.00	33.11 0.07 0.00	30.61 0.03 0.00	31.40 0.16 0.00	31.92 0.10 0.00	35.10 0.10 0.00	35.83 0.18 0.00	36.91 0.33 0.00	43.87 0.61 0.00	51.32 0.41 0.00	61.47 0.43 0.00	66.58 0.53 0.00	62.87 0.50 0.00	55.95 0.61 0.00	42.14 0.66 0.00	36.95 0.55 0.00
ALBANY___LFGE 323615	39.14 0.88 0.00	37.01 0.83 0.00	33.74 0.89 0.00	33.14 0.84 0.00	32.83 0.74 0.00	34.77 0.75 0.00	38.95 0.76 0.00	38.33 0.49 0.00	35.22 0.45 0.00	33.63 0.60 0.00	31.10 0.52 0.00	31.93 0.69 0.00	32.46 0.64 0.00	35.70 0.70 0.00	36.43 0.78 0.00	37.53 0.95 0.00	44.30 1.04 0.00	51.88 0.96 0.00	62.14 1.10 0.00	67.44 1.39 0.00	63.69 1.31 0.00	56.66 1.33 0.00	42.59 1.12 0.00	37.31 0.91 0.00
ALCOA_PA_115KV_PL-6C 55860	38.37 0.12 0.00	36.33 0.15 0.00	32.79 -0.07 0.00	32.34 0.03 0.00	32.16 0.06 0.00	34.13 0.10 0.00	38.38 0.19 0.00	37.95 0.11 0.00	34.77 0.00 0.00	32.97 -0.07 0.00	30.52 -0.06 0.00	31.21 -0.03 0.00	31.82 0.00 0.00	34.93 -0.07 0.00	35.54 -0.11 0.00	36.40 -0.18 0.00	43.13 -0.13 0.00	50.66 -0.25 0.00	60.74 -0.30 0.00	65.99 -0.07 0.00	62.56 0.19 0.00	55.23 -0.11 0.00	41.68 0.21 0.00	36.62 0.22 0.00
ALCOA_RYNLDS___DRP 24188	38.37 0.11 0.00	36.33 0.14 0.00	32.79 -0.07 0.00	32.34 0.03 0.00	32.16 0.06 0.00	34.13 0.10 0.00	38.38 0.19 0.00	37.95 0.11 0.00	34.77 0.00 0.00	32.97 -0.07 0.00	30.52 -0.06 0.00	31.21 -0.03 0.00	31.82 0.00 0.00	34.93 -0.07 0.00	35.54 -0.11 0.00	36.40 -0.18 0.00	43.13 -0.13 0.00	50.66 -0.25 0.00	60.74 -0.31 0.00	65.92 -0.13 0.00	62.56 0.19 0.00	55.23 -0.11 0.00	41.68 0.21 0.00	36.62 0.22 0.00
ALCOA___DSASP 323711	38.37 0.11 0.00	36.33 0.14 0.00	32.79 -0.07 0.00	32.34 0.03 0.00	32.16 0.06 0.00	34.13 0.10 0.00	38.38 0.19 0.00	37.95 0.11 0.00	34.77 0.00 0.00	32.97 -0.07 0.00	30.52 -0.06 0.00	31.21 -0.03 0.00	31.82 0.00 0.00	34.93 -0.07 0.00	35.54 -0.11 0.00	36.40 -0.18 0.00	43.13 -0.13 0.00	50.66 -0.25 0.00	60.74 -0.31 0.00	65.92 -0.13 0.00	62.56 0.19 0.00	55.23 -0.11 0.00	41.68 0.21 0.00	36.62 0.22 0.00
ALLEGHENY___COGEN 23514	37.30 -1.03 -0.08	36.48 -1.30 -1.60	31.71 -1.21 -0.08	31.22 -1.16 -0.08	31.11 -1.06 -0.08	33.18 -0.92 -0.08	64.62 -0.76 -27.19	37.12 -0.80 -0.08	37.14 -1.29 -3.65	31.76 -1.36 -0.08	29.22 -1.44 -0.08	30.62 -1.75 -1.13	32.54 -1.75 -2.47	54.96 -1.86 -21.81	55.42 -1.82 -21.59	59.95 -1.61 -24.98	84.29 -1.90 -42.93	96.61 -1.32 -47.03	119.51 -0.18 -58.65	106.59 1.32 -39.21	91.41 1.31 -27.72	76.95 0.39 -21.23	41.23 -0.54 -0.30	36.84 -0.98 -1.42
ALTAMONT_115KV_TB 2 55880	39.02 0.77 0.00	36.94 0.76 0.00	33.64 0.79 0.00	33.05 0.74 0.00	32.77 0.67 0.00	34.67 0.65 0.00	38.88 0.69 0.00	38.41 0.57 0.00	35.32 0.56 0.00	33.53 0.50 0.00	31.04 0.46 0.00	31.74 0.50 0.00	32.33 0.51 0.00	35.56 0.56 0.00	36.29 0.64 0.00	37.35 0.77 0.00	44.26 1.00 0.00	51.98 1.07 0.00	62.20 1.16 0.00	67.31 1.26 0.00	63.56 1.19 0.00	56.56 1.22 0.00	42.39 0.91 0.00	37.16 0.76 0.00
ALTONA_WT_PWR 323606	38.41 0.15 0.00	36.33 0.15 0.00	32.85 0.00 0.00	32.37 0.06 0.00	32.19 0.10 0.00	34.20 0.17 0.00	38.46 0.27 0.00	38.07 0.23 0.00	34.94 0.17 0.00	33.14 0.10 0.00	30.67 0.09 0.00	31.37 0.13 0.00	31.92 0.10 0.00	35.03 0.04 0.00	35.68 0.04 0.00	36.65 0.07 0.00	43.39 0.13 0.00	51.01 0.10 0.00	61.22 0.18 0.00	66.52 0.47 0.00	63.00 0.62 0.00	55.56 0.22 0.00	41.89 0.41 0.00	36.73 0.33 0.00
AMERICAN_REF_FUEL 24010	33.49 -4.75 0.02	31.19 -4.56 0.43	28.63 -4.21 0.02	28.18 -4.10 0.02	28.00 -4.08 0.02	29.82 -4.19 0.02	26.70 -4.43 7.06	33.50 -4.31 0.02	30.29 -3.51 0.97	29.58 -3.44 0.02	27.29 -3.27 0.02	27.69 -3.25 0.30	27.79 -3.37 0.66	25.66 -3.64 5.69	26.27 -3.74 5.64	26.36 -3.73 6.49	26.38 -4.67 12.20	31.39 -5.04 14.48	36.45 -6.04 18.54	46.42 -6.41 13.23	45.68 -6.61 10.08	41.18 -6.03 8.13	35.89 -5.48 0.11	31.50 -4.51 0.38
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.86 -3.37 0.03	32.25 -3.40 0.52	29.54 -3.28 0.03	28.95 -3.33 0.03	28.73 -3.34 0.03	30.87 -3.13 0.03	26.31 -3.28 8.60	35.16 -2.65 0.03	31.18 -2.40 1.19	30.73 -2.28 0.02	28.29 -2.26 0.02	28.53 -2.34 0.37	28.62 -2.39 0.81	25.37 -2.52 7.11	26.11 -2.50 7.04	26.37 -2.30 7.90	25.97 -2.77 14.52	31.17 -2.75 16.99	36.64 -2.75 21.66	48.18 -2.58 15.30	47.79 -3.05 11.53	42.48 -3.60 9.26	38.15 -3.23 0.09	32.66 -3.28 0.47
ARTHUR KILL_GT_1 23520	40.67 2.41 -0.01	38.17 1.99 0.00	34.86 2.00 0.00	34.15 1.84 0.00	33.83 1.73 0.00	35.45 1.43 0.00	39.98 1.79 0.00	39.77 1.93 0.00	36.75 1.98 0.00	35.02 1.98 0.00	32.66 2.08 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.72 3.15 0.00	47.21 3.94 -0.02	55.39 4.48 0.00	65.62 4.58 0.00	70.35 4.29 0.00	65.93 3.56 0.00	58.71 3.38 0.00	43.92 2.45 0.00	38.40 2.00 0.00
ARTHUR_KILL_2 23512	40.56 2.30 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.73 1.64 0.00	35.35 1.33 0.00	39.91 1.72 0.00	39.69 1.85 0.00	36.64 1.88 0.00	34.92 1.88 0.00	32.60 2.02 0.00	33.37 2.13 0.00	34.01 2.19 0.00	37.45 2.45 0.00	38.39 2.75 0.00	39.61 3.03 0.00	47.09 3.81 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
ARTHUR_KILL_3 23513	40.21 1.95 0.00	37.81 1.63 0.00	34.56 1.71 0.00	33.92 1.61 0.00	33.60 1.51 0.00	35.39 1.36 0.00	40.06 1.87 0.00	39.88 2.04 0.00	36.89 2.12 0.00	35.12 2.08 0.00	32.72 2.14 0.00	33.43 2.19 0.00	34.08 2.26 0.00	37.52 2.52 0.00	38.39 2.75 0.00	39.58 3.00 0.00	46.91 3.63 -0.02	54.93 4.02 0.00	65.13 4.09 0.00	69.88 3.83 0.00	65.62 3.24 0.00	58.38 3.04 0.00	43.67 2.20 0.00	38.15 1.75 0.00

ARTHUR_KILL_COGEN 323718	40.68 2.41 -0.01	38.17 1.99 0.00	34.86 2.00 0.00	34.14 1.84 0.00	33.83 1.73 0.00	35.45 1.43 0.00	39.98 1.80 0.00	39.77 1.93 0.00	36.75 1.98 0.00	35.02 1.98 0.00	32.69 2.11 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.72 3.15 0.00	47.21 3.94 -0.02	55.39 4.48 0.00	65.62 4.58 0.00	70.34 4.29 0.00	65.93 3.55 0.00	58.72 3.38 0.00	43.92 2.45 0.00	38.40 2.00 0.00
ASHOKAN____ 23654	40.55 2.30 0.00	38.02 1.84 0.00	34.62 1.77 0.00	33.95 1.65 0.00	33.54 1.45 0.00	35.32 1.29 0.00	39.79 1.60 0.00	38.71 0.87 0.00	35.46 0.70 0.00	33.24 0.20 0.00	30.86 0.27 0.00	31.52 0.28 0.00	32.20 0.38 0.00	35.56 0.56 0.00	36.40 0.75 0.00	37.60 1.02 0.00	44.77 1.51 0.00	53.36 2.44 0.00	64.33 3.29 0.00	69.95 3.90 0.00	65.93 3.55 0.00	58.55 3.21 0.00	43.71 2.24 0.00	38.22 1.82 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.05 1.80 0.01	37.66 1.48 0.01	34.53 1.67 0.00	33.85 1.55 0.00	33.53 1.45 0.01	35.24 1.22 0.01	39.78 1.60 0.01	39.68 1.85 0.01	36.74 1.98 0.01	35.08 2.05 0.01	32.71 2.14 0.01	33.42 2.19 0.01	34.04 2.23 0.01	37.34 2.35 0.01	38.24 2.60 0.01	39.43 2.85 0.01	46.82 3.55 -0.01	54.82 3.92 0.01	64.76 3.72 0.01	69.41 3.37 0.01	65.18 2.81 0.01	57.99 2.66 0.01	43.46 1.99 0.01	37.96 1.56 0.01
ASTORIA_EAST_ENERGY_CC2 323582	40.05 1.80 0.01	37.66 1.48 0.01	34.53 1.67 0.00	33.85 1.55 0.00	33.53 1.45 0.01	35.24 1.22 0.01	39.78 1.60 0.01	39.68 1.85 0.01	36.78 2.02 0.01	35.08 2.05 0.01	32.71 2.14 0.01	33.42 2.19 0.01	34.04 2.23 0.01	37.34 2.35 0.01	38.24 2.60 0.01	39.43 2.85 0.01	46.82 3.55 -0.01	54.82 3.92 0.01	64.76 3.72 0.01	69.41 3.37 0.01	65.18 2.81 0.01	57.99 2.66 0.01	43.46 1.99 0.01	37.96 1.56 0.01
ASTORIA_GT2_1 24094	40.09 1.84 0.00	37.66 1.48 0.00	34.56 1.71 0.00	33.85 1.55 0.00	33.54 1.44 0.00	35.28 1.26 0.00	39.83 1.64 0.00	39.69 1.85 0.00	36.78 2.02 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.37 2.12 0.00	34.08 2.26 0.00	37.38 2.38 0.00	38.29 2.64 0.00	39.43 2.85 0.00	46.82 3.55 -0.02	54.88 3.97 0.00	64.83 3.78 0.00	69.49 3.43 0.00	65.24 2.87 0.00	58.05 2.71 0.00	43.46 1.99 0.00	38.00 1.60 0.00
ASTORIA_GT2_2 24095	40.09 1.84 0.00	37.66 1.48 0.00	34.56 1.71 0.00	33.85 1.55 0.00	33.54 1.44 0.00	35.28 1.26 0.00	39.83 1.64 0.00	39.69 1.85 0.00	36.78 2.02 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.37 2.12 0.00	34.08 2.26 0.00	37.38 2.38 0.00	38.29 2.64 0.00	39.43 2.85 0.00	46.82 3.55 -0.02	54.88 3.97 0.00	64.83 3.78 0.00	69.49 3.43 0.00	65.24 2.87 0.00	58.05 2.71 0.00	43.46 1.99 0.00	38.00 1.60 0.00
ASTORIA_GT2_3 24096	40.09 1.84 0.00	37.66 1.48 0.00	34.56 1.71 0.00	33.85 1.55 0.00	33.54 1.44 0.00	35.28 1.26 0.00	39.83 1.64 0.00	39.69 1.85 0.00	36.78 2.02 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.37 2.12 0.00	34.08 2.26 0.00	37.38 2.38 0.00	38.29 2.64 0.00	39.43 2.85 0.00	46.82 3.55 -0.02	54.88 3.97 0.00	64.83 3.78 0.00	69.49 3.43 0.00	65.24 2.87 0.00	58.05 2.71 0.00	43.46 1.99 0.00	38.00 1.60 0.00
ASTORIA_GT2_4 24097	40.09 1.84 0.00	37.66 1.48 0.00	34.56 1.71 0.00	33.85 1.55 0.00	33.54 1.44 0.00	35.28 1.26 0.00	39.83 1.64 0.00	39.69 1.85 0.00	36.78 2.02 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.37 2.12 0.00	34.08 2.26 0.00	37.38 2.38 0.00	38.29 2.64 0.00	39.43 2.85 0.00	46.82 3.55 -0.02	54.88 3.97 0.00	64.83 3.78 0.00	69.49 3.43 0.00	65.24 2.87 0.00	58.05 2.71 0.00	43.46 1.99 0.00	38.00 1.60 0.00
ASTORIA_GT3_1 24098	40.09 1.84 0.00	37.66 1.48 0.00	34.56 1.71 0.00	33.85 1.55 0.00	33.54 1.44 0.00	35.28 1.26 0.00	39.83 1.64 0.00	39.69 1.85 0.00	36.78 2.02 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.37 2.12 0.00	34.08 2.26 0.00	37.38 2.38 0.00	38.29 2.64 0.00	39.43 2.85 0.00	46.82 3.55 -0.02	54.88 3.97 0.00	64.83 3.78 0.00	69.49 3.43 0.00	65.24 2.87 0.00	58.05 2.71 0.00	43.46 1.99 0.00	38.00 1.60 0.00
ASTORIA_GT3_2 24099	40.09 1.84 0.00	37.66 1.48 0.00	34.56 1.71 0.00	33.85 1.55 0.00	33.54 1.44 0.00	35.28 1.26 0.00	39.83 1.64 0.00	39.69 1.85 0.00	36.78 2.02 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.37 2.12 0.00	34.08 2.26 0.00	37.38 2.38 0.00	38.29 2.64 0.00	39.43 2.85 0.00	46.82 3.55 -0.02	54.88 3.97 0.00	64.83 3.78 0.00	69.49 3.43 0.00	65.24 2.87 0.00	58.05 2.71 0.00	43.46 1.99 0.00	38.00 1.60 0.00
ASTORIA_GT3_3 24100	40.09 1.84 0.00	37.66 1.48 0.00	34.56 1.71 0.00	33.85 1.55 0.00	33.54 1.44 0.00	35.28 1.26 0.00	39.83 1.64 0.00	39.69 1.85 0.00	36.78 2.02 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.37 2.12 0.00	34.08 2.26 0.00	37.38 2.38 0.00	38.29 2.64 0.00	39.43 2.85 0.00	46.82 3.55 -0.02	54.88 3.97 0.00	64.83 3.78 0.00	69.49 3.43 0.00	65.24 2.87 0.00	58.05 2.71 0.00	43.46 1.99 0.00	38.00 1.60 0.00
ASTORIA_GT3_4 24101	40.09 1.84 0.00	37.66 1.48 0.00	34.56 1.71 0.00	33.85 1.55 0.00	33.54 1.44 0.00	35.28 1.26 0.00	39.83 1.64 0.00	39.69 1.85 0.00	36.78 2.02 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.37 2.12 0.00	34.08 2.26 0.00	37.38 2.38 0.00	38.29 2.64 0.00	39.43 2.85 0.00	46.82 3.55 -0.02	54.88 3.97 0.00	64.83 3.78 0.00	69.49 3.43 0.00	65.24 2.87 0.00	58.05 2.71 0.00	43.46 1.99 0.00	38.00 1.60 0.00
ASTORIA_GT4_1 24102	40.09 1.84 0.00	37.66 1.48 0.00	34.56 1.71 0.00	33.85 1.55 0.00	33.54 1.44 0.00	35.28 1.26 0.00	39.83 1.64 0.00	39.69 1.85 0.00	36.78 2.02 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.37 2.12 0.00	34.08 2.26 0.00	37.38 2.38 0.00	38.29 2.64 0.00	39.43 2.85 0.00	46.82 3.55 -0.02	54.88 3.97 0.00	64.83 3.78 0.00	69.49 3.43 0.00	65.24 2.87 0.00	58.05 2.71 0.00	43.46 1.99 0.00	38.00 1.60 0.00
ASTORIA_GT4_2 24103	40.09 1.84 0.00	37.66 1.48 0.00	34.56 1.71 0.00	33.85 1.55 0.00	33.54 1.44 0.00	35.28 1.26 0.00	39.83 1.64 0.00	39.69 1.85 0.00	36.78 2.02 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.37 2.12 0.00	34.08 2.26 0.00	37.38 2.38 0.00	38.29 2.64 0.00	39.43 2.85 0.00	46.82 3.55 -0.02	54.88 3.97 0.00	64.83 3.78 0.00	69.49 3.43 0.00	65.24 2.87 0.00	58.05 2.71 0.00	43.46 1.99 0.00	38.00 1.60 0.00
ASTORIA_GT4_3 24104	40.09 1.84 0.00	37.66 1.48 0.00	34.56 1.71 0.00	33.85 1.55 0.00	33.54 1.44 0.00	35.28 1.26 0.00	39.83 1.64 0.00	39.69 1.85 0.00	36.78 2.02 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.37 2.12 0.00	34.08 2.26 0.00	37.38 2.38 0.00	38.29 2.64 0.00	39.43 2.85 0.00	46.82 3.55 -0.02	54.88 3.97 0.00	64.83 3.78 0.00	69.49 3.43 0.00	65.24 2.87 0.00	58.05 2.71 0.00	43.46 1.99 0.00	38.00 1.60 0.00

ASTORIA_GT4_4 24105	40.09 1.84 0.00	37.66 1.48 0.00	34.56 1.71 0.00	33.85 1.55 0.00	33.54 1.44 0.00	35.28 1.26 0.00	39.83 1.64 0.00	39.69 1.85 0.00	36.78 2.02 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.37 2.12 0.00	34.08 2.26 0.00	37.38 2.38 0.00	38.29 2.64 0.00	39.43 2.85 0.00	46.82 3.55 -0.02	54.88 3.97 0.00	64.83 3.78 0.00	69.49 3.43 0.00	65.24 2.87 0.00	58.05 2.71 0.00	43.46 1.99 0.00	38.00 1.60 0.00
ASTORIA_GT_1 23523	40.17 1.91 0.00	37.74 1.56 0.00	34.59 1.74 0.00	33.92 1.62 0.00	33.57 1.48 0.00	35.32 1.29 0.00	39.91 1.72 0.00	39.77 1.93 0.00	36.85 2.09 0.00	35.15 2.11 0.00	32.78 2.20 0.00	33.43 2.19 0.00	34.14 2.32 0.00	37.45 2.45 0.00	38.36 2.71 0.00	39.50 2.93 0.00	46.95 3.68 -0.02	54.98 4.07 0.00	64.95 3.91 0.00	69.62 3.57 0.00	65.37 2.99 0.00	58.16 2.82 0.00	43.55 2.07 0.00	38.04 1.64 0.00
ASTORIA_GT_10 24110	40.32 2.07 0.00	37.92 1.74 0.00	34.66 1.81 0.00	33.98 1.68 0.00	33.67 1.57 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.88 2.04 0.00	36.89 2.12 0.00	35.15 2.11 0.00	32.75 2.17 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.43 2.78 0.00	39.61 3.04 0.00	47.00 3.72 -0.02	55.04 4.12 0.00	65.07 4.03 0.00	69.82 3.77 0.00	65.43 3.06 0.00	58.27 2.93 0.00	43.67 2.20 0.00	38.18 1.78 0.00
ASTORIA_GT_11 24225	40.32 2.07 0.00	37.92 1.74 0.00	34.66 1.81 0.00	33.98 1.68 0.00	33.67 1.57 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.88 2.04 0.00	36.89 2.12 0.00	35.15 2.11 0.00	32.75 2.17 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.43 2.78 0.00	39.61 3.04 0.00	47.00 3.72 -0.02	55.04 4.12 0.00	65.07 4.03 0.00	69.82 3.77 0.00	65.43 3.06 0.00	58.27 2.93 0.00	43.67 2.20 0.00	38.18 1.78 0.00
ASTORIA_GT_12 24226	40.32 2.07 0.00	37.92 1.74 0.00	34.66 1.81 0.00	33.98 1.68 0.00	33.67 1.57 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.88 2.04 0.00	36.89 2.12 0.00	35.15 2.11 0.00	32.75 2.17 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.43 2.78 0.00	39.61 3.04 0.00	47.00 3.72 -0.02	55.04 4.12 0.00	65.07 4.03 0.00	69.82 3.77 0.00	65.43 3.06 0.00	58.27 2.93 0.00	43.67 2.20 0.00	38.18 1.78 0.00
ASTORIA_GT_13 24227	40.32 2.07 0.00	37.92 1.74 0.00	34.66 1.81 0.00	33.98 1.68 0.00	33.67 1.57 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.88 2.04 0.00	36.89 2.12 0.00	35.15 2.11 0.00	32.75 2.17 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.43 2.78 0.00	39.61 3.04 0.00	47.00 3.72 -0.02	55.04 4.12 0.00	65.07 4.03 0.00	69.82 3.77 0.00	65.43 3.06 0.00	58.27 2.93 0.00	43.67 2.20 0.00	38.18 1.78 0.00
ASTORIA_GT_5 24106	40.17 1.91 0.00	37.74 1.56 0.00	34.59 1.74 0.00	33.92 1.62 0.00	33.57 1.48 0.00	35.32 1.29 0.00	39.91 1.72 0.00	39.77 1.93 0.00	36.85 2.09 0.00	35.15 2.11 0.00	32.78 2.20 0.00	33.43 2.19 0.00	34.14 2.32 0.00	37.45 2.45 0.00	38.36 2.71 0.00	39.50 2.93 0.00	46.95 3.68 -0.02	54.98 4.07 0.00	64.95 3.91 0.00	69.62 3.57 0.00	65.37 2.99 0.00	58.16 2.82 0.00	43.55 2.07 0.00	38.04 1.64 0.00
ASTORIA_GT_7 24107	40.17 1.91 0.00	37.74 1.56 0.00	34.59 1.74 0.00	33.92 1.62 0.00	33.57 1.48 0.00	35.32 1.29 0.00	39.91 1.72 0.00	39.77 1.93 0.00	36.85 2.09 0.00	35.15 2.11 0.00	32.78 2.20 0.00	33.43 2.19 0.00	34.14 2.32 0.00	37.45 2.45 0.00	38.36 2.71 0.00	39.50 2.93 0.00	46.95 3.68 -0.02	54.98 4.07 0.00	64.95 3.91 0.00	69.62 3.57 0.00	65.37 2.99 0.00	58.16 2.82 0.00	43.55 2.07 0.00	38.04 1.64 0.00
ASTORIA_GT_8 24108	40.17 1.91 0.00	37.74 1.56 0.00	34.59 1.74 0.00	33.92 1.62 0.00	33.57 1.48 0.00	35.32 1.29 0.00	39.91 1.72 0.00	39.77 1.93 0.00	36.85 2.09 0.00	35.15 2.11 0.00	32.78 2.20 0.00	33.43 2.19 0.00	34.14 2.32 0.00	37.45 2.45 0.00	38.36 2.71 0.00	39.50 2.93 0.00	46.95 3.68 -0.02	54.98 4.07 0.00	64.95 3.91 0.00	69.62 3.57 0.00	65.37 2.99 0.00	58.16 2.82 0.00	43.55 2.07 0.00	38.04 1.64 0.00
ASTORIA___2 24149	40.08 1.84 0.01	37.66 1.48 0.01	34.56 1.71 0.00	33.85 1.55 0.00	33.53 1.45 0.01	35.28 1.26 0.01	39.82 1.64 0.01	39.68 1.85 0.01	36.78 2.02 0.01	35.11 2.08 0.01	32.74 2.17 0.01	33.42 2.19 0.01	34.07 2.26 0.01	37.37 2.38 0.01	38.28 2.64 0.01	39.43 2.85 0.01	46.82 3.55 -0.01	54.88 3.97 0.01	64.82 3.79 0.01	69.48 3.43 0.01	65.24 2.87 0.01	58.04 2.71 0.01	43.46 1.99 0.01	37.99 1.60 0.01
ASTORIA___3 23516	40.32 2.06 0.00	37.92 1.74 0.00	34.66 1.81 0.00	33.98 1.68 0.00	33.67 1.57 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.88 2.04 0.00	36.89 2.12 0.00	35.16 2.12 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.43 2.78 0.00	39.61 3.03 0.00	47.00 3.72 -0.02	55.03 4.12 0.00	65.07 4.03 0.00	69.75 3.70 0.00	65.43 3.06 0.00	58.27 2.93 0.00	43.67 2.20 0.00	38.18 1.78 0.00
ASTORIA___4 23517	40.32 2.07 0.00	37.92 1.74 0.00	34.66 1.81 0.00	33.98 1.68 0.00	33.67 1.57 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.88 2.04 0.00	36.89 2.12 0.00	35.15 2.11 0.00	32.75 2.17 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.43 2.78 0.00	39.61 3.04 0.00	47.00 3.72 -0.02	55.04 4.12 0.00	65.07 4.03 0.00	69.82 3.77 0.00	65.43 3.06 0.00	58.27 2.93 0.00	43.67 2.20 0.00	38.18 1.78 0.00
ASTORIA___5 23518	40.32 2.06 0.00	37.92 1.74 0.00	34.66 1.81 0.00	33.98 1.68 0.00	33.67 1.57 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.88 2.04 0.00	36.89 2.12 0.00	35.16 2.12 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.43 2.78 0.00	39.61 3.03 0.00	47.00 3.72 -0.02	55.03 4.12 0.00	65.07 4.03 0.00	69.75 3.70 0.00	65.43 3.06 0.00	58.27 2.93 0.00	43.67 2.20 0.00	38.18 1.78 0.00
AST_ENERGY_2_CC3 323677	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.16 2.12 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.39 2.75 0.00	39.58 3.00 0.00	46.95 3.68 -0.02	54.99 4.07 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00
AST_ENERGY_2_CC4 323678	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.16 2.12 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.39 2.75 0.00	39.58 3.00 0.00	46.95 3.68 -0.02	54.99 4.07 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00

ATHENS_STG_1 23668	39.21 0.96 0.00	37.09 0.90 0.00	33.81 0.95 0.00	33.21 0.90 0.00	32.93 0.83 0.00	34.81 0.78 0.00	39.07 0.88 0.00	38.67 0.83 0.00	35.67 0.90 0.00	33.90 0.86 0.00	31.44 0.86 0.00	32.15 0.91 0.00	32.74 0.92 0.00	36.02 1.02 0.00	36.79 1.14 0.00	37.86 1.28 0.00	44.73 1.47 0.00	52.44 1.53 0.00	62.57 1.53 0.00	67.44 1.39 0.00	63.62 1.25 0.00	56.61 1.27 0.00	42.47 0.99 0.00	37.20 0.80 0.00
ATHENS_STG_2 23670	39.21 0.96 0.00	37.09 0.90 0.00	33.81 0.95 0.00	33.21 0.90 0.00	32.93 0.83 0.00	34.81 0.78 0.00	39.07 0.88 0.00	38.67 0.83 0.00	35.67 0.90 0.00	33.90 0.86 0.00	31.44 0.86 0.00	32.15 0.91 0.00	32.74 0.92 0.00	36.02 1.02 0.00	36.79 1.14 0.00	37.86 1.28 0.00	44.73 1.47 0.00	52.44 1.53 0.00	62.57 1.53 0.00	67.44 1.39 0.00	63.62 1.25 0.00	56.61 1.27 0.00	42.47 0.99 0.00	37.20 0.80 0.00
ATHENS_STG_3 23677	39.21 0.96 0.00	37.09 0.90 0.00	33.81 0.95 0.00	33.21 0.90 0.00	32.93 0.83 0.00	34.81 0.78 0.00	39.07 0.88 0.00	38.67 0.83 0.00	35.67 0.90 0.00	33.90 0.86 0.00	31.44 0.86 0.00	32.15 0.91 0.00	32.74 0.92 0.00	36.02 1.02 0.00	36.79 1.14 0.00	37.86 1.28 0.00	44.73 1.47 0.00	52.44 1.53 0.00	62.57 1.53 0.00	67.44 1.39 0.00	63.62 1.25 0.00	56.61 1.27 0.00	42.47 0.99 0.00	37.20 0.80 0.00
AUBURN___LFGE 323710	37.95 -0.31 -0.01	35.93 -0.36 -0.11	32.50 -0.36 -0.01	31.92 -0.39 -0.01	31.72 -0.39 -0.01	33.76 -0.27 -0.01	39.81 -0.27 -1.89	37.65 -0.19 -0.01	34.67 -0.35 -0.25	32.71 -0.33 -0.01	30.25 -0.34 -0.01	30.95 -0.37 -0.08	31.61 -0.38 -0.17	36.13 -0.38 -1.52	36.75 -0.39 -1.50	37.87 -0.44 -1.73	45.57 -0.56 -2.88	53.59 -0.36 -3.03	64.87 0.12 -3.71	68.91 0.46 -2.39	64.43 0.44 -1.61	56.64 0.11 -1.19	41.24 -0.25 -0.02	36.17 -0.33 -0.10
BABYLON_RES_REC 323704	41.35 3.10 0.00	38.24 2.06 0.00	34.72 1.87 0.00	34.08 1.78 0.00	33.86 1.76 0.00	35.69 1.67 0.00	40.56 2.37 0.00	40.37 2.54 0.00	37.44 2.68 0.00	35.81 2.78 0.00	33.24 2.66 0.00	34.06 2.81 0.00	34.78 2.96 0.00	38.98 3.50 -0.48	41.57 3.71 -2.21	45.53 3.95 -5.00	50.18 4.80 -2.12	64.17 5.29 -7.97	69.52 4.58 -3.90	69.95 3.90 0.00	65.25 2.87 0.00	58.44 3.10 0.00	49.68 3.07 -5.14	42.37 2.58 -3.38
BALL_HILL_WT_PWR 323825	34.79 -3.44 0.03	32.18 -3.44 0.56	29.57 -3.25 0.03	29.05 -3.23 0.03	28.86 -3.21 0.03	30.94 -3.06 0.03	25.72 -3.25 9.22	35.13 -2.69 0.03	30.98 -2.50 1.28	30.57 -2.44 0.03	28.20 -2.35 0.03	28.47 -2.38 0.40	28.53 -2.42 0.87	24.80 -2.55 7.64	25.48 -2.60 7.57	25.65 -2.45 8.48	24.69 -3.03 15.54	29.67 -3.11 18.13	34.66 -3.30 23.08	46.54 -3.24 16.27	46.52 -3.62 12.24	41.70 -3.82 9.82	37.89 -3.48 0.10	32.55 -3.35 0.50
BARON_WINDS___WT_PWR 323822	36.61 -1.53 0.11	32.29 -1.55 2.34	31.26 -1.48 0.11	30.67 -1.52 0.11	30.51 -1.48 0.11	32.62 -1.29 0.11	-2.68 -1.37 39.50	36.48 -1.25 0.11	28.04 -1.39 5.33	31.44 -1.49 0.11	29.00 -1.47 0.11	28.16 -1.44 1.64	26.78 -1.43 3.61	1.68 -1.50 31.82	2.69 -1.46 31.49	-1.03 -1.32 36.29	-22.04 -1.60 63.70	-21.85 -1.37 71.39	-30.04 -1.10 89.99	4.08 -0.60 61.37	17.36 -0.56 44.45	19.81 -0.89 34.64	39.79 -1.24 0.44	32.90 -1.42 2.08
BARRETT_IC_1 23704	40.78 2.52 0.00	37.88 1.70 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.54 1.45 0.00	35.32 1.29 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.96 2.19 0.00	35.32 2.28 0.00	32.81 2.23 0.00	33.62 2.37 0.00	34.30 2.48 0.00	38.42 2.94 -0.48	41.00 3.14 -2.21	44.99 3.40 -5.01	49.50 4.11 -2.12	137.42 4.68 -81.83	93.29 3.97 -28.28	69.89 3.76 -0.07	65.32 2.87 -0.07	58.18 2.77 -0.07	48.85 2.45 -4.93	41.65 2.00 -3.25
BARRETT_IC_10 23701	40.78 2.52 0.00	37.88 1.70 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.54 1.45 0.00	35.32 1.29 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.96 2.19 0.00	35.32 2.28 0.00	32.81 2.23 0.00	33.62 2.37 0.00	34.30 2.48 0.00	38.42 2.94 -0.48	41.00 3.14 -2.21	44.99 3.40 -5.01	49.50 4.11 -2.12	137.42 4.68 -81.83	93.29 3.97 -28.28	69.89 3.76 -0.07	65.32 2.87 -0.07	58.18 2.77 -0.07	48.85 2.45 -4.93	41.65 2.00 -3.25
BARRETT_IC_11 23702	40.78 2.52 0.00	37.88 1.70 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.54 1.45 0.00	35.32 1.29 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.96 2.19 0.00	35.32 2.28 0.00	32.81 2.23 0.00	33.62 2.37 0.00	34.30 2.48 0.00	38.42 2.94 -0.48	41.00 3.14 -2.21	44.99 3.40 -5.01	49.50 4.11 -2.12	137.42 4.68 -81.83	93.29 3.97 -28.28	69.89 3.76 -0.07	65.32 2.87 -0.07	58.18 2.77 -0.07	48.85 2.45 -4.93	41.65 2.00 -3.25
BARRETT_IC_12 23703	40.78 2.52 0.00	37.88 1.70 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.54 1.45 0.00	35.32 1.29 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.96 2.19 0.00	35.32 2.28 0.00	32.81 2.23 0.00	33.62 2.37 0.00	34.30 2.48 0.00	38.42 2.94 -0.48	41.00 3.14 -2.21	44.99 3.40 -5.01	49.50 4.11 -2.12	137.42 4.68 -81.83	93.29 3.97 -28.28	69.89 3.76 -0.07	65.32 2.87 -0.07	58.18 2.77 -0.07	48.85 2.45 -4.93	41.65 2.00 -3.25
BARRETT_IC_2 23705	40.78 2.52 0.00	37.88 1.70 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.54 1.45 0.00	35.32 1.29 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.96 2.19 0.00	35.32 2.28 0.00	32.81 2.23 0.00	33.62 2.37 0.00	34.30 2.48 0.00	38.42 2.94 -0.48	41.00 3.14 -2.21	44.99 3.40 -5.01	49.50 4.11 -2.12	137.42 4.68 -81.83	93.29 3.97 -28.28	69.89 3.76 -0.07	65.32 2.87 -0.07	58.18 2.77 -0.07	48.85 2.45 -4.93	41.65 2.00 -3.25
BARRETT_IC_3 23706	40.78 2.52 0.00	37.88 1.70 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.54 1.45 0.00	35.32 1.29 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.96 2.19 0.00	35.32 2.28 0.00	32.81 2.23 0.00	33.62 2.37 0.00	34.30 2.48 0.00	38.42 2.94 -0.48	41.00 3.14 -2.21	44.99 3.40 -5.01	49.50 4.11 -2.12	137.42 4.68 -81.83	93.29 3.97 -28.28	69.89 3.76 -0.07	65.32 2.87 -0.07	58.18 2.77 -0.07	48.85 2.45 -4.93	41.65 2.00 -3.25
BARRETT_IC_4 23707	40.78 2.52 0.00	37.88 1.70 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.54 1.45 0.00	35.32 1.29 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.96 2.19 0.00	35.32 2.28 0.00	32.81 2.23 0.00	33.62 2.37 0.00	34.30 2.48 0.00	38.42 2.94 -0.48	41.00 3.14 -2.21	44.99 3.40 -5.01	49.50 4.11 -2.12	137.42 4.68 -81.83	93.29 3.97 -28.28	69.89 3.76 -0.07	65.32 2.87 -0.07	58.18 2.77 -0.07	48.85 2.45 -4.93	41.65 2.00 -3.25
BARRETT_IC_5 23708	40.78 2.52 0.00	37.88 1.70 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.54 1.45 0.00	35.32 1.29 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.96 2.19 0.00	35.32 2.28 0.00	32.81 2.23 0.00	33.62 2.37 0.00	34.30 2.48 0.00	38.42 2.94 -0.48	41.00 3.14 -2.21	44.99 3.40 -5.01	49.50 4.11 -2.12	137.42 4.68 -81.83	93.29 3.97 -28.28	69.89 3.76 -0.07	65.32 2.87 -0.07	58.18 2.77 -0.07	48.85 2.45 -4.93	41.65 2.00 -3.25

BARRETT_IC_6 23709	40.78 2.52 0.00	37.88 1.70 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.54 1.45 0.00	35.32 1.29 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.96 2.19 0.00	35.32 2.28 0.00	32.81 2.23 0.00	33.62 2.37 0.00	34.30 2.48 0.00	38.42 2.94 -0.48	41.00 3.14 -2.21	44.99 3.40 -5.01	49.50 4.11 -2.12	137.42 4.68 -81.83	93.29 3.97 -28.28	69.89 3.76 -0.07	65.32 2.87 -0.07	58.18 2.77 -0.07	48.85 2.45 -4.93	41.65 2.00 -3.25
BARRETT_IC_7 23710	40.78 2.52 0.00	37.88 1.70 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.54 1.44 0.00	35.32 1.29 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.96 2.19 0.00	35.32 2.28 0.00	32.81 2.23 0.00	33.55 2.31 0.00	34.30 2.48 0.00	38.42 2.94 -0.48	41.00 3.14 -2.21	44.98 3.40 -5.00	49.49 4.11 -2.12	137.43 4.68 -81.83	93.29 3.97 -28.28	69.89 3.77 -0.07	65.32 2.87 -0.07	58.18 2.77 -0.07	48.85 2.45 -4.93	41.65 2.00 -3.25
BARRETT_IC_8 23711	40.78 2.52 0.00	37.88 1.70 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.54 1.45 0.00	35.32 1.29 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.96 2.19 0.00	35.32 2.28 0.00	32.81 2.23 0.00	33.62 2.37 0.00	34.30 2.48 0.00	38.42 2.94 -0.48	41.00 3.14 -2.21	44.99 3.40 -5.01	49.50 4.11 -2.12	137.42 4.68 -81.83	93.29 3.97 -28.28	69.89 3.76 -0.07	65.32 2.87 -0.07	58.18 2.77 -0.07	48.85 2.45 -4.93	41.65 2.00 -3.25
BARRETT_IC_9 23700	40.78 2.52 0.00	37.88 1.70 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.54 1.45 0.00	35.32 1.29 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.96 2.19 0.00	35.32 2.28 0.00	32.81 2.23 0.00	33.62 2.37 0.00	34.30 2.48 0.00	38.42 2.94 -0.48	41.00 3.14 -2.21	44.99 3.40 -5.01	49.50 4.11 -2.12	137.42 4.68 -81.83	93.29 3.97 -28.28	69.89 3.76 -0.07	65.32 2.87 -0.07	58.18 2.77 -0.07	48.85 2.45 -4.93	41.65 2.00 -3.25
BARRETT___1 23545	40.78 2.52 0.00	37.88 1.70 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.54 1.45 0.00	35.32 1.29 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.96 2.19 0.00	35.32 2.28 0.00	32.81 2.23 0.00	33.62 2.37 0.00	34.30 2.48 0.00	38.42 2.94 -0.48	41.00 3.14 -2.21	44.99 3.40 -5.01	49.50 4.11 -2.12	137.42 4.68 -81.83	93.29 3.97 -28.28	69.89 3.76 -0.07	65.32 2.87 -0.07	58.18 2.77 -0.07	48.85 2.45 -4.93	41.65 2.00 -3.25
BARRETT___2 23546	40.78 2.52 0.00	37.88 1.70 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.54 1.45 0.00	35.32 1.29 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.96 2.19 0.00	35.32 2.28 0.00	32.81 2.23 0.00	33.62 2.37 0.00	34.30 2.48 0.00	38.42 2.94 -0.48	41.00 3.14 -2.21	44.99 3.40 -5.01	49.50 4.11 -2.12	137.42 4.68 -81.83	93.29 3.97 -28.28	69.89 3.76 -0.07	65.32 2.87 -0.07	58.18 2.77 -0.07	48.85 2.45 -4.93	41.65 2.00 -3.25
BATAVIA__115KV_TB1 55881	34.99 -3.25 0.02	32.57 -3.29 0.32	29.81 -3.02 0.02	29.38 -2.91 0.02	29.22 -2.86 0.02	31.12 -2.89 0.02	29.97 -2.90 5.32	35.14 -2.69 0.02	31.72 -2.33 0.72	30.91 -2.11 0.02	28.42 -2.14 0.02	28.61 -2.41 0.23	29.04 -2.29 0.49	28.28 -2.45 4.27	28.86 -2.57 4.22	29.20 -2.49 4.89	30.72 -3.20 9.34	36.49 -3.11 11.31	43.29 -3.05 14.70	52.57 -2.84 10.64	50.91 -3.24 8.23	45.21 -3.43 6.70	37.96 -3.44 0.07	33.02 -3.09 0.28
BAYONEEC___CTG1 323682	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.17 1.98 0.00	39.99 2.16 0.00	36.96 2.19 0.00	35.19 2.15 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.59 2.59 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.18 0.00	65.25 4.21 0.00	70.02 3.96 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.22 1.82 0.00
BAYONEEC___CTG10 323750	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.17 1.98 0.00	39.99 2.16 0.00	36.96 2.19 0.00	35.19 2.15 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.59 2.59 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.18 0.00	65.25 4.21 0.00	70.02 3.96 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.22 1.82 0.00
BAYONEEC___CTG2 323683	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.17 1.98 0.00	39.99 2.16 0.00	36.96 2.19 0.00	35.19 2.15 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.59 2.59 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.18 0.00	65.25 4.21 0.00	70.02 3.96 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.22 1.82 0.00
BAYONEEC___CTG3 323684	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.17 1.98 0.00	39.99 2.16 0.00	36.96 2.19 0.00	35.19 2.15 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.59 2.59 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.18 0.00	65.25 4.21 0.00	70.02 3.96 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.22 1.82 0.00
BAYONEEC___CTG4 323685	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.17 1.98 0.00	39.99 2.16 0.00	36.96 2.19 0.00	35.19 2.15 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.59 2.59 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.18 0.00	65.25 4.21 0.00	70.02 3.96 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.22 1.82 0.00
BAYONEEC___CTG5 323686	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.17 1.98 0.00	39.99 2.16 0.00	36.96 2.19 0.00	35.19 2.15 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.59 2.59 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.18 0.00	65.25 4.21 0.00	70.02 3.96 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.22 1.82 0.00
BAYONEEC___CTG6 323687	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.17 1.98 0.00	39.99 2.16 0.00	36.96 2.19 0.00	35.19 2.15 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.59 2.59 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.18 0.00	65.25 4.21 0.00	70.02 3.96 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.22 1.82 0.00
BAYONEEC___CTG7 323688	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.17 1.98 0.00	39.99 2.16 0.00	36.96 2.19 0.00	35.19 2.15 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.59 2.59 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.18 0.00	65.25 4.21 0.00	70.02 3.96 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.22 1.82 0.00

BAYONEEC___CTG8 323689	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.17 1.98 0.00	39.99 2.16 0.00	36.96 2.19 0.00	35.19 2.15 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.59 2.59 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.18 0.00	65.25 4.21 0.00	70.02 3.96 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.22 1.82 0.00
BAYONEEC___CTG9 323749	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.17 1.98 0.00	39.99 2.16 0.00	36.96 2.19 0.00	35.19 2.15 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.59 2.59 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.18 0.00	65.25 4.21 0.00	70.02 3.96 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.22 1.82 0.00
BAYPORT_69_KV_BK 2 356364	41.93 3.67 0.00	38.68 2.50 0.00	35.09 2.23 0.00	34.44 2.13 0.00	34.21 2.12 0.00	36.07 2.04 0.00	41.02 2.83 0.00	40.90 3.06 0.00	37.97 3.20 0.00	36.34 3.30 0.00	33.70 3.12 0.00	34.43 3.19 0.00	35.29 3.47 0.00	39.61 4.13 -0.48	42.14 4.28 -2.21	46.05 4.46 -5.00	50.96 5.58 -2.12	61.11 6.16 -4.03	71.62 5.55 -5.02	70.28 4.23 0.00	65.24 2.87 0.00	58.93 3.60 0.00	49.88 3.61 -4.80	42.58 3.02 -3.16
BEACON___LESR 323632	39.25 0.99 0.00	37.16 0.98 0.00	33.84 0.98 0.00	33.24 0.94 0.00	32.93 0.83 0.00	34.88 0.85 0.00	39.07 0.88 0.00	38.44 0.60 0.00	35.32 0.55 0.00	33.44 0.40 0.00	30.92 0.34 0.00	31.74 0.50 0.00	32.26 0.45 0.00	35.49 0.49 0.00	36.22 0.57 0.00	37.35 0.77 0.00	44.47 1.21 0.00	52.08 1.17 0.00	62.50 1.46 0.00	67.84 1.78 0.00	64.06 1.68 0.00	57.00 1.66 0.00	42.80 1.33 0.00	37.49 1.09 0.00
BEAVER RIVER___HYD 24048	38.45 0.19 0.00	36.33 0.15 0.00	32.98 0.13 0.00	32.66 0.36 0.00	32.45 0.35 0.00	34.64 0.61 0.00	38.84 0.65 0.00	38.41 0.57 0.00	34.73 -0.03 0.00	32.97 -0.07 0.00	30.37 -0.21 0.00	30.99 -0.25 0.00	31.47 -0.35 0.00	34.62 -0.38 0.00	35.04 -0.61 0.00	35.88 -0.70 0.00	42.48 -0.78 0.00	50.25 -0.66 0.00	61.53 0.49 0.00	66.91 0.86 0.00	63.37 0.99 0.00	56.22 0.88 0.00	42.22 0.75 0.00	36.87 0.47 0.00
BEEBEE_GT_13 23619	35.73 -2.52 0.00	33.41 -2.68 0.10	30.48 -2.37 0.00	30.04 -2.26 0.00	29.88 -2.21 0.00	31.67 -2.35 0.00	34.16 -2.41 1.62	35.79 -2.04 0.00	32.60 -1.95 0.22	31.65 -1.39 0.00	29.20 -1.38 0.00	29.52 -1.66 0.07	29.92 -1.75 0.15	31.82 -1.89 1.28	32.34 -2.03 1.27	33.08 -2.01 1.49	37.22 -2.60 3.44	43.51 -2.56 4.81	51.87 -2.38 6.61	58.49 -2.68 5.19	55.36 -2.68 4.33	48.77 -2.88 3.69	38.84 -2.61 0.02	33.80 -2.51 0.08
BENSHRST_27_KV_BENSHRST_1 355998	40.75 2.49 -0.01	38.21 2.03 0.00	34.89 2.04 0.00	34.18 1.87 0.00	33.86 1.77 0.00	35.52 1.50 0.00	40.14 1.95 0.00	39.96 2.12 0.00	36.96 2.19 0.00	35.22 2.18 0.00	32.84 2.26 0.00	33.59 2.34 0.00	34.27 2.45 0.00	37.73 2.73 0.00	38.68 3.03 0.00	39.87 3.29 0.00	47.34 4.07 -0.02	55.54 4.63 0.00	65.74 4.70 0.00	70.54 4.49 0.00	66.06 3.68 0.00	58.83 3.49 0.00	43.96 2.49 0.00	38.48 2.07 0.00
BETHLEHEM___GRP 23843	38.79 0.54 0.00	36.69 0.51 0.00	33.44 0.59 0.00	32.85 0.55 0.00	32.55 0.45 0.00	34.43 0.41 0.00	38.61 0.42 0.00	37.99 0.15 0.00	34.94 0.17 0.00	33.11 0.07 0.00	30.61 0.03 0.00	31.40 0.16 0.00	31.92 0.10 0.00	35.10 0.10 0.00	35.83 0.18 0.00	36.91 0.33 0.00	43.87 0.61 0.00	51.32 0.41 0.00	61.47 0.43 0.00	66.58 0.53 0.00	62.87 0.50 0.00	55.95 0.61 0.00	42.14 0.66 0.00	36.95 0.55 0.00
BETHLEHEM___GS1 323560	38.79 0.54 0.00	36.69 0.51 0.00	33.44 0.59 0.00	32.85 0.55 0.00	32.55 0.45 0.00	34.43 0.41 0.00	38.61 0.42 0.00	37.99 0.15 0.00	34.94 0.17 0.00	33.11 0.07 0.00	30.61 0.03 0.00	31.40 0.16 0.00	31.92 0.10 0.00	35.10 0.11 0.00	35.83 0.18 0.00	36.91 0.33 0.00	43.87 0.61 0.00	51.32 0.41 0.00	61.47 0.43 0.00	66.58 0.53 0.00	62.87 0.50 0.00	55.95 0.61 0.00	42.13 0.66 0.00	36.95 0.55 0.00
BETHLEHEM___GS2 323561	38.79 0.54 0.00	36.69 0.51 0.00	33.44 0.59 0.00	32.85 0.55 0.00	32.55 0.45 0.00	34.43 0.41 0.00	38.61 0.42 0.00	37.99 0.15 0.00	34.94 0.17 0.00	33.11 0.07 0.00	30.61 0.03 0.00	31.40 0.16 0.00	31.92 0.10 0.00	35.10 0.11 0.00	35.83 0.18 0.00	36.91 0.33 0.00	43.87 0.61 0.00	51.32 0.41 0.00	61.47 0.43 0.00	66.58 0.53 0.00	62.87 0.50 0.00	55.95 0.61 0.00	42.13 0.66 0.00	36.95 0.55 0.00
BETHLEHEM___GS3 323562	38.79 0.54 0.00	36.69 0.51 0.00	33.44 0.59 0.00	32.85 0.55 0.00	32.55 0.45 0.00	34.43 0.41 0.00	38.61 0.42 0.00	37.99 0.15 0.00	34.94 0.17 0.00	33.11 0.07 0.00	30.61 0.03 0.00	31.40 0.16 0.00	31.92 0.10 0.00	35.10 0.11 0.00	35.83 0.18 0.00	36.91 0.33 0.00	43.87 0.61 0.00	51.32 0.41 0.00	61.47 0.43 0.00	66.58 0.53 0.00	62.87 0.50 0.00	55.95 0.61 0.00	42.13 0.66 0.00	36.95 0.55 0.00
BETHLEHEM___STEEL 23779	34.67 -3.56 0.03	32.12 -3.51 0.55	29.51 -3.32 0.03	28.98 -3.30 0.03	28.83 -3.24 0.03	30.87 -3.13 0.03	25.91 -3.28 8.99	35.09 -2.72 0.03	30.95 -2.57 1.25	30.57 -2.44 0.03	28.20 -2.35 0.03	28.58 -2.28 0.39	28.52 -2.45 0.84	24.95 -2.62 7.43	25.62 -2.67 7.35	25.75 -2.56 8.26	24.92 -3.16 15.19	29.90 -3.26 17.75	34.96 -3.48 22.60	46.66 -3.43 15.95	46.56 -3.80 12.01	41.76 -3.93 9.65	37.85 -3.53 0.10	32.53 -3.39 0.49
BETHLHEM_115KV_TB1 79974	38.83 0.57 0.00	36.76 0.58 0.00	33.48 0.62 0.00	32.89 0.58 0.00	32.58 0.48 0.00	34.50 0.48 0.00	38.65 0.46 0.00	38.10 0.26 0.00	35.05 0.28 0.00	33.20 0.17 0.00	30.73 0.15 0.00	31.49 0.25 0.00	32.04 0.22 0.00	35.24 0.24 0.00	35.97 0.32 0.00	37.02 0.44 0.00	44.00 0.74 0.00	51.47 0.56 0.00	61.59 0.55 0.00	66.71 0.66 0.00	63.00 0.62 0.00	56.06 0.72 0.00	42.18 0.71 0.00	36.98 0.58 0.00
BETHPAGE_CC_5 323564	41.13 2.87 0.00	38.10 1.92 0.00	34.62 1.77 0.00	33.98 1.68 0.00	33.73 1.64 0.00	35.56 1.53 0.00	40.36 2.18 0.00	40.22 2.39 0.00	37.27 2.50 0.00	35.65 2.61 0.00	33.12 2.54 0.00	33.93 2.69 0.00	34.65 2.83 0.00	38.81 3.33 -0.48	41.39 3.53 -2.21	45.35 3.77 -5.00	49.92 4.54 -2.12	63.87 4.99 -7.97	69.14 4.27 -3.83	69.75 3.70 0.00	65.12 2.74 0.00	58.16 2.82 0.00	49.66 2.78 -5.40	42.40 2.44 -3.56
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.86 -3.37 0.03	32.31 -3.33 0.54	29.67 -3.15 0.03	29.11 -3.17 0.03	28.96 -3.11 0.03	31.07 -2.93 0.03	26.33 -3.06 8.81	35.35 -2.46 0.03	31.18 -2.36 1.22	30.63 -2.38 0.03	28.29 -2.26 0.03	28.77 -2.09 0.38	28.73 -2.26 0.83	25.31 -2.41 7.27	25.99 -2.46 7.20	26.18 -2.30 8.09	25.53 -2.86 14.88	30.65 -2.85 17.41	35.88 -2.99 22.17	47.42 -2.97 15.66	47.21 -3.37 11.80	42.32 -3.54 9.48	38.15 -3.23 0.09	32.76 -3.17 0.48

BINGHAMTON___COGEN 23790	38.26 0.00 0.00	36.27 0.00 -0.09	32.82 -0.03 0.00	32.24 -0.06 0.00	32.00 -0.10 0.00	34.10 0.07 0.00	39.76 0.04 -1.53	37.96 0.11 0.00	35.00 0.03 -0.20	32.94 -0.10 0.00	30.46 -0.12 0.00	31.27 -0.03 -0.06	31.92 -0.03 -0.14	36.21 0.00 -1.21	36.88 0.04 -1.20	38.06 0.07 -1.41	45.59 0.09 -2.24	53.46 0.31 -2.24	64.38 0.67 -2.67	68.54 0.86 -1.63	64.13 0.75 -1.01	56.53 0.50 -0.69	41.61 0.12 -0.02	36.44 -0.04 -0.08
BIXINCNT_115KV_LOAD 355685	35.06 -3.18 0.02	32.69 -3.00 0.49	29.84 -2.99 0.02	29.28 -3.00 0.02	29.06 -3.02 0.02	31.31 -2.69 0.02	27.42 -2.71 8.06	35.73 -2.08 0.02	31.67 -1.98 1.12	30.67 -2.35 0.02	28.26 -2.29 0.02	29.02 -1.87 0.35	28.96 -2.10 0.76	26.11 -2.24 6.65	26.89 -2.17 6.58	27.27 -1.90 7.41	27.41 -2.21 13.65	32.86 -2.04 16.01	38.71 -1.89 20.44	49.87 -1.72 14.46	49.27 -2.18 10.92	43.78 -2.77 8.79	38.61 -2.78 0.08	33.16 -2.80 0.44
BLACK RIVER___HYD 24047	39.06 0.80 0.00	36.83 0.65 0.00	33.47 0.62 0.00	33.05 0.74 0.00	32.80 0.71 0.00	35.08 1.06 0.00	39.37 1.19 0.00	38.82 0.98 0.00	34.98 0.21 0.00	33.17 0.13 0.00	30.49 -0.09 0.00	31.18 -0.06 0.00	31.63 -0.19 0.00	34.79 -0.21 0.00	35.18 -0.46 0.00	35.99 -0.59 0.00	42.66 -0.61 0.00	50.56 -0.35 0.00	62.32 1.28 0.00	67.84 1.78 0.00	64.31 1.94 0.00	57.00 1.66 0.00	42.76 1.29 0.00	37.31 0.91 0.00
BLACKRVR_115KV_TB2 79977	39.06 0.80 0.00	36.83 0.65 0.00	33.48 0.62 0.00	33.05 0.74 0.00	32.80 0.71 0.00	35.08 1.05 0.00	39.37 1.18 0.00	38.82 0.98 0.00	34.98 0.21 0.00	33.17 0.13 0.00	30.49 -0.09 0.00	31.18 -0.06 0.00	31.63 -0.19 0.00	34.79 -0.21 0.00	35.18 -0.46 0.00	35.99 -0.59 0.00	42.66 -0.61 0.00	50.56 -0.36 0.00	62.32 1.28 0.00	67.84 1.78 0.00	64.31 1.93 0.00	57.00 1.66 0.00	42.76 1.29 0.00	37.31 0.91 0.00
BLISS_WT_PWR 323608	34.98 -3.25 0.02	32.61 -3.08 0.49	29.77 -3.05 0.02	29.18 -3.10 0.02	28.96 -3.11 0.02	31.25 -2.75 0.02	27.30 -2.83 8.06	35.62 -2.20 0.02	31.60 -2.05 1.12	30.67 -2.35 0.02	28.23 -2.33 0.02	28.77 -2.13 0.35	28.84 -2.23 0.76	26.01 -2.34 6.65	26.82 -2.24 6.58	27.19 -1.98 7.41	27.36 -2.25 13.65	32.81 -2.09 16.01	38.64 -1.96 20.44	49.81 -1.78 14.46	49.21 -2.24 10.92	43.73 -2.82 8.79	38.53 -2.86 0.08	33.05 -2.91 0.44
BLUESTONE___WT_PWR 323821	39.75 1.49 0.00	37.59 1.30 -0.10	34.04 1.18 0.00	33.44 1.13 0.00	33.16 1.06 0.00	35.49 1.46 0.00	41.47 1.49 -1.80	39.20 1.36 0.00	35.74 0.73 -0.24	33.44 0.40 0.00	30.74 0.15 0.00	31.69 0.38 -0.07	32.30 0.32 -0.16	36.81 0.39 -1.42	37.38 0.32 -1.41	38.60 0.37 -1.65	46.51 0.56 -2.68	54.94 1.27 -2.75	67.53 3.17 -3.32	71.76 3.63 -2.08	67.09 3.37 -1.35	58.95 2.66 -0.96	43.15 1.66 -0.02	37.58 1.09 -0.09
BLUE_CIRC_CHEM_DRP 24182	39.21 0.96 0.00	37.16 0.98 0.00	33.84 0.99 0.00	33.24 0.94 0.00	32.93 0.83 0.00	34.84 0.82 0.00	38.99 0.80 0.00	38.33 0.49 0.00	35.18 0.42 0.00	33.34 0.30 0.00	30.83 0.24 0.00	31.59 0.34 0.00	32.14 0.32 0.00	35.38 0.38 0.00	36.08 0.43 0.00	37.16 0.59 0.00	44.08 0.82 0.00	51.78 0.87 0.00	62.14 1.10 0.00	67.51 1.45 0.00	63.75 1.37 0.00	56.78 1.44 0.00	42.59 1.12 0.00	37.35 0.95 0.00
BOC_GAS_DRP 24189	38.94 0.69 0.00	36.83 0.65 0.00	33.54 0.69 0.00	32.98 0.68 0.00	32.67 0.58 0.00	34.57 0.54 0.00	38.76 0.57 0.00	38.37 0.53 0.00	35.32 0.56 0.00	33.53 0.50 0.00	31.07 0.49 0.00	31.74 0.50 0.00	32.36 0.54 0.00	35.59 0.59 0.00	36.29 0.64 0.00	37.35 0.77 0.00	44.21 0.95 0.00	51.88 0.97 0.00	62.02 0.98 0.00	66.98 0.92 0.00	63.25 0.87 0.00	56.28 0.94 0.00	42.22 0.75 0.00	37.02 0.62 0.00
BOONVILLE_115KV_TB1 79983	38.64 0.38 0.00	36.51 0.33 0.00	33.18 0.33 0.00	32.72 0.42 0.00	32.51 0.42 0.00	34.60 0.58 0.00	38.84 0.65 0.00	38.44 0.61 0.00	34.98 0.21 0.00	33.20 0.17 0.00	30.64 0.06 0.00	31.34 0.09 0.00	31.82 0.00 0.00	35.03 0.03 0.00	35.58 -0.07 0.00	36.43 -0.15 0.00	43.17 -0.09 0.00	50.96 0.05 0.00	61.96 0.92 0.00	67.18 1.12 0.00	63.50 1.12 0.00	56.34 1.00 0.00	42.22 0.75 0.00	36.95 0.55 0.00
BORALEX_4TH_BRANCH 23824	39.86 1.61 0.00	37.63 1.45 0.00	34.36 1.51 0.00	33.73 1.42 0.00	33.35 1.25 0.00	35.35 1.33 0.00	39.68 1.49 0.00	39.09 1.25 0.00	35.91 1.15 0.00	34.20 1.16 0.00	31.59 1.01 0.00	32.27 1.03 0.00	32.84 1.02 0.00	36.12 1.12 0.00	36.82 1.18 0.00	37.97 1.39 0.00	45.21 1.95 0.00	53.15 2.24 0.00	63.36 2.32 0.00	68.37 2.31 0.00	64.75 2.37 0.00	57.83 2.49 0.00	43.38 1.91 0.00	38.04 1.64 0.00
BOWLINE___1 23526	39.90 1.64 0.00	37.55 1.37 0.00	34.26 1.41 0.00	33.63 1.32 0.00	33.32 1.22 0.00	35.15 1.12 0.00	39.68 1.49 0.00	39.39 1.55 0.00	36.37 1.60 0.00	34.59 1.55 0.00	32.17 1.59 0.00	32.90 1.65 0.00	33.54 1.72 0.00	36.92 1.92 0.00	37.75 2.10 0.00	38.92 2.34 0.00	46.12 2.85 0.00	54.07 3.16 0.00	64.33 3.29 0.00	69.09 3.04 0.00	64.99 2.62 0.00	57.83 2.49 0.00	43.34 1.87 0.00	37.86 1.46 0.00
BOWLINE___2 23595	39.90 1.64 0.00	37.55 1.37 0.00	34.26 1.41 0.00	33.63 1.32 0.00	33.32 1.22 0.00	35.15 1.12 0.00	39.68 1.49 0.00	39.39 1.55 0.00	36.37 1.60 0.00	34.59 1.55 0.00	32.17 1.59 0.00	32.90 1.65 0.00	33.54 1.72 0.00	36.92 1.92 0.00	37.75 2.10 0.00	38.92 2.34 0.00	46.12 2.85 0.00	54.07 3.16 0.00	64.33 3.29 0.00	69.09 3.04 0.00	64.99 2.62 0.00	57.83 2.49 0.00	43.34 1.87 0.00	37.86 1.46 0.00
BRADY___115KV_TB2 356060	38.56 0.31 0.00	36.47 0.29 0.00	32.95 0.10 0.00	32.50 0.19 0.00	32.29 0.19 0.00	34.33 0.31 0.00	38.57 0.38 0.00	38.03 0.19 0.00	34.73 -0.03 0.00	32.91 -0.13 0.00	30.43 -0.15 0.00	31.12 -0.12 0.00	31.72 -0.10 0.00	34.82 -0.17 0.00	35.36 -0.29 0.00	36.21 -0.37 0.00	42.92 -0.35 0.00	50.45 -0.46 0.00	60.74 -0.31 0.00	66.05 0.00 0.00	62.75 0.37 0.00	55.39 0.06 0.00	41.85 0.37 0.00	36.76 0.36 0.00
BRANSCOMB___SOLAR 323811	39.71 1.45 0.00	37.59 1.41 0.00	34.23 1.38 0.00	33.66 1.36 0.00	33.32 1.22 0.00	35.32 1.29 0.00	39.56 1.37 0.00	38.74 0.91 0.00	35.43 0.66 0.00	33.47 0.43 0.00	30.89 0.31 0.00	31.71 0.47 0.00	32.17 0.35 0.00	35.35 0.35 0.00	36.04 0.39 0.00	37.27 0.69 0.00	44.43 1.17 0.00	52.44 1.53 0.00	63.18 2.14 0.00	69.03 2.98 0.00	65.37 2.99 0.00	58.16 2.82 0.00	43.55 2.07 0.00	38.11 1.71 0.00
BRDGHMPT_69_KV_BK1 55812	41.93 3.67 0.00	38.60 2.42 0.00	35.02 2.17 0.00	34.47 2.16 0.00	34.31 2.21 0.00	36.20 2.18 0.00	41.24 3.06 0.00	41.24 3.41 0.00	38.38 3.62 0.00	36.84 3.80 0.00	34.16 3.58 0.00	34.87 3.62 0.00	35.57 3.75 0.00	39.89 4.41 -0.48	42.32 4.46 -2.21	46.05 4.46 -5.00	51.17 5.80 -2.12	61.16 6.67 -3.58	72.12 5.98 -5.10	70.01 3.96 0.00	64.62 2.25 0.00	58.88 3.54 0.00	49.83 3.61 -4.75	42.51 2.98 -3.13



BRENTWOD_69_KV_W. BRTWOOD 56703	41.62 3.37 0.00	38.42 2.24 0.00	34.86 2.00 0.00	34.21 1.91 0.00	33.99 1.89 0.00	35.83 1.80 0.00	40.75 2.56 0.00	40.56 2.72 0.00	37.65 2.89 0.00	36.01 2.97 0.00	33.42 2.84 0.00	34.18 2.94 0.00	35.00 3.18 0.00	39.23 3.74 -0.48	41.78 3.92 -2.21	45.75 4.17 -5.00	50.39 5.02 -2.12	60.37 5.29 -4.16	69.52 4.46 -4.02	69.55 3.50 0.00	64.74 2.37 0.00	58.38 3.04 0.00	49.57 3.28 -4.82	42.34 2.77 -3.17
BRISTLHL_115KV_TB1 79998	37.38 -0.88 0.00	35.35 -0.83 0.00	32.10 -0.76 0.00	31.56 -0.74 0.00	31.36 -0.74 0.00	33.31 -0.71 0.00	37.35 -0.84 0.00	37.12 -0.72 0.00	34.04 -0.73 0.00	32.38 -0.66 0.00	29.94 -0.64 0.00	30.56 -0.69 0.00	31.09 -0.73 0.00	34.23 -0.77 0.00	34.79 -0.86 0.00	35.59 -0.99 0.00	42.40 -1.25 -0.40	50.49 -1.32 -0.90	61.17 -1.28 -1.41	66.09 -1.26 -1.29	62.41 -1.19 -1.22	55.28 -1.16 -1.10	40.44 -1.04 0.00	35.53 -0.87 0.00
BROOKHAVEN___DRP 24191	41.58 3.33 0.00	38.39 2.21 0.00	34.82 1.97 0.00	34.21 1.91 0.00	33.99 1.89 0.00	35.83 1.80 0.00	40.71 2.52 0.00	40.60 2.76 0.00	37.69 2.92 0.00	36.05 3.01 0.00	33.46 2.87 0.00	34.18 2.94 0.00	35.00 3.18 0.00	39.26 3.78 -0.48	41.75 3.89 -2.21	45.50 3.91 -5.00	50.39 5.02 -2.12	59.98 5.50 -3.57	70.82 4.70 -5.08	69.09 3.04 0.00	64.05 1.68 0.00	58.27 2.93 0.00	49.42 3.19 -4.75	42.18 2.66 -3.13
BROOKLYN_NAVY_YARD 23515	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	33.98 1.68 0.00	33.67 1.57 0.00	35.45 1.43 0.00	40.14 1.95 0.00	39.99 2.16 0.00	36.99 2.23 0.00	35.22 2.18 0.00	32.81 2.23 0.00	33.52 2.28 0.00	34.17 2.35 0.00	37.63 2.63 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.08 3.81 -0.02	55.14 4.22 0.00	65.25 4.21 0.00	70.02 3.96 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.75 2.28 0.00	38.18 1.78 0.00
BROOKLYN___ARMY_DRP 323595	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.79 0.00	39.81 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.43 2.19 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.39 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.80 2.32 0.00	38.29 1.89 0.00
BROOME_2_LFGE 323671	38.26 0.00 0.00	36.27 0.00 -0.09	32.82 -0.03 0.00	32.24 -0.06 0.00	32.00 -0.10 0.00	34.10 0.07 0.00	39.76 0.04 -1.53	37.96 0.11 0.00	35.00 0.03 -0.20	32.94 -0.10 0.00	30.46 -0.12 0.00	31.24 -0.06 -0.06	31.92 -0.03 -0.14	36.21 0.00 -1.21	36.88 0.04 -1.20	38.06 0.07 -1.41	45.59 0.09 -2.24	53.46 0.31 -2.24	64.39 0.67 -2.67	68.47 0.80 -1.63	64.14 0.75 -1.01	56.53 0.50 -0.69	41.61 0.12 -0.02	36.44 -0.04 -0.08
BROOME___LFGE 323600	38.26 0.00 0.00	36.27 0.00 -0.09	32.82 -0.03 0.00	32.24 -0.06 0.00	32.00 -0.10 0.00	34.10 0.07 0.00	39.76 0.04 -1.53	37.96 0.11 0.00	35.00 0.03 -0.20	32.94 -0.10 0.00	30.46 -0.12 0.00	31.24 -0.06 -0.06	31.92 -0.03 -0.14	36.21 0.00 -1.21	36.88 0.04 -1.20	38.06 0.07 -1.41	45.59 0.09 -2.24	53.46 0.31 -2.24	64.39 0.67 -2.67	68.47 0.80 -1.63	64.14 0.75 -1.01	56.53 0.50 -0.69	41.61 0.12 -0.02	36.44 -0.04 -0.08
BROWNFLS_115KV_TB 3_5 80003	38.22 -0.04 0.00	36.11 -0.07 0.00	32.75 -0.10 0.00	32.37 0.06 0.00	32.19 0.10 0.00	34.33 0.31 0.00	38.53 0.34 0.00	38.07 0.23 0.00	34.52 -0.24 0.00	32.77 -0.26 0.00	30.24 -0.34 0.00	30.87 -0.37 0.00	31.37 -0.45 0.00	34.51 -0.49 0.00	34.90 -0.75 0.00	35.70 -0.88 0.00	42.27 -1.00 0.00	49.89 -1.02 0.00	60.80 -0.24 0.00	66.05 0.00 0.00	62.62 0.25 0.00	55.45 0.11 0.00	41.76 0.29 0.00	36.58 0.18 0.00
BROWNSV1_27_KV_LOAD 356125	40.63 2.37 0.00	38.21 2.03 0.00	34.89 2.04 0.00	34.24 1.94 0.00	33.93 1.83 0.00	35.73 1.70 0.00	40.44 2.25 0.00	40.26 2.42 0.00	37.24 2.47 0.00	35.45 2.41 0.00	33.00 2.42 0.00	33.71 2.47 0.00	34.40 2.58 0.00	37.87 2.87 0.00	38.75 3.10 0.00	39.94 3.37 0.00	47.39 4.11 -0.02	55.54 4.63 0.00	65.86 4.82 0.00	70.68 4.62 0.00	66.30 3.93 0.00	59.05 3.71 0.00	44.13 2.65 0.00	38.51 2.11 0.00
BURROWS___LYONSDAL 23803	38.52 0.27 0.00	36.40 0.22 0.00	33.08 0.23 0.00	32.69 0.39 0.00	32.45 0.35 0.00	34.57 0.54 0.00	38.80 0.61 0.00	38.41 0.57 0.00	34.87 0.10 0.00	33.14 0.10 0.00	30.58 0.00 0.00	31.24 0.00 0.00	31.72 -0.10 0.00	34.89 -0.10 0.00	35.40 -0.25 0.00	36.29 -0.29 0.00	42.96 -0.30 0.00	50.76 -0.15 0.00	61.77 0.73 0.00	67.04 0.99 0.00	63.37 1.00 0.00	56.22 0.89 0.00	42.18 0.71 0.00	36.87 0.47 0.00
CAITHNESS_CC_1 323624	41.47 3.21 0.00	38.31 2.13 0.00	34.76 1.90 0.00	34.11 1.81 0.00	33.92 1.83 0.00	35.76 1.73 0.00	40.64 2.45 0.00	40.49 2.65 0.00	37.58 2.81 0.00	35.98 2.94 0.00	33.36 2.78 0.00	34.15 2.91 0.00	34.91 3.09 0.00	39.16 3.67 -0.48	41.64 3.78 -2.21	45.46 3.88 -5.00	50.26 4.89 -2.12	59.76 5.29 -3.55	70.56 4.45 -5.07	68.95 2.90 0.00	64.06 1.68 0.00	58.10 2.77 0.00	49.29 3.07 -4.75	42.11 2.58 -3.13
CALPINE BETH_PAGE_GT4 24209	41.12 2.87 0.00	38.10 1.92 0.00	34.63 1.77 0.00	33.98 1.68 0.00	33.73 1.64 0.00	35.56 1.53 0.00	40.37 2.18 0.00	40.18 2.35 0.00	37.27 2.50 0.00	35.62 2.58 0.00	33.09 2.51 0.00	33.87 2.62 0.00	34.62 2.80 0.00	38.77 3.29 -0.48	41.36 3.49 -2.21	45.28 3.69 -5.00	49.79 4.41 -2.12	67.03 4.79 -11.33	70.09 4.09 -4.96	69.62 3.57 0.00	65.00 2.62 0.00	58.05 2.71 0.00	49.84 2.65 -5.71	42.56 2.40 -3.76
CALPINE_BETH_PAGE_GT_4 323586	41.13 2.87 0.00	38.10 1.92 0.00	34.62 1.77 0.00	33.98 1.68 0.00	33.73 1.64 0.00	35.56 1.53 0.00	40.36 2.18 0.00	40.18 2.35 0.00	37.27 2.50 0.00	35.62 2.58 0.00	33.09 2.51 0.00	33.90 2.65 0.00	34.62 2.80 0.00	38.77 3.29 -0.48	41.36 3.50 -2.21	45.28 3.69 -5.00	49.79 4.41 -2.12	67.02 4.78 -11.33	70.09 4.09 -4.96	69.62 3.56 0.00	65.00 2.62 0.00	58.05 2.71 0.00	49.84 2.66 -5.71	42.56 2.40 -3.76
CALPINE_BP_GT1 23823	41.13 2.87 0.00	38.10 1.92 0.00	34.62 1.77 0.00	33.98 1.68 0.00	33.73 1.64 0.00	35.56 1.53 0.00	40.36 2.18 0.00	40.18 2.35 0.00	37.27 2.50 0.00	35.62 2.58 0.00	33.09 2.51 0.00	33.90 2.65 0.00	34.62 2.80 0.00	38.77 3.29 -0.48	41.36 3.50 -2.21	45.28 3.69 -5.00	49.79 4.41 -2.12	67.02 4.78 -11.33	70.09 4.09 -4.96	69.62 3.56 0.00	65.00 2.62 0.00	58.05 2.71 0.00	49.84 2.66 -5.71	42.56 2.40 -3.76
CALSPAN___DRP 24200	34.67 -3.56 0.03	32.12 -3.51 0.55	29.51 -3.32 0.03	28.98 -3.30 0.03	28.83 -3.24 0.03	30.87 -3.13 0.03	25.91 -3.28 8.99	35.09 -2.72 0.03	30.95 -2.57 1.25	30.57 -2.44 0.03	28.20 -2.35 0.03	28.58 -2.28 0.39	28.52 -2.45 0.84	24.95 -2.62 7.43	25.62 -2.67 7.35	25.75 -2.56 8.26	24.92 -3.16 15.19	29.90 -3.26 17.75	34.96 -3.48 22.60	46.66 -3.43 15.95	46.56 -3.80 12.01	41.76 -3.93 9.65	37.85 -3.53 0.10	32.53 -3.39 0.49

CALVERTON___SOLAR 323806	41.70 3.44 0.00	38.46 2.28 0.00	34.89 2.04 0.00	34.27 1.97 0.00	34.09 1.99 0.00	35.93 1.90 0.00	40.82 2.63 0.00	40.71 2.87 0.00	37.79 3.02 0.00	36.18 3.14 0.00	33.55 2.97 0.00	34.34 3.09 0.00	35.10 3.28 0.00	39.37 3.88 -0.48	41.85 3.99 -2.21	45.61 4.02 -5.00	50.57 5.19 -2.12	60.23 5.75 -3.57	71.07 4.94 -5.09	69.22 3.17 0.00	64.11 1.74 0.00	58.43 3.10 0.00	49.54 3.32 -4.75	42.29 2.77 -3.13
CANDIGU_WT_PWR 323617	36.61 -1.53 0.11	32.29 -1.55 2.34	31.26 -1.48 0.11	30.67 -1.52 0.11	30.51 -1.48 0.11	32.62 -1.29 0.11	-2.68 -1.37 39.50	36.48 -1.25 0.11	28.04 -1.39 5.33	31.44 -1.49 0.11	29.00 -1.47 0.11	28.16 -1.44 1.64	26.78 -1.43 3.61	1.68 -1.50 31.82	2.69 -1.46 31.49	-1.03 -1.32 36.29	-22.04 -1.60 63.70	-21.85 -1.37 71.39	-30.04 -1.10 89.99	4.08 -0.60 61.37	17.36 -0.56 44.45	19.81 -0.89 34.64	39.79 -1.24 0.44	32.90 -1.42 2.08
CARR STREET_E_SYR 24060	37.57 -0.69 0.00	35.49 -0.69 0.00	32.23 -0.63 0.00	31.69 -0.61 0.00	31.45 -0.64 0.00	33.45 -0.58 0.00	37.54 -0.65 0.00	37.31 -0.53 0.00	34.21 -0.56 0.00	32.54 -0.49 0.00	30.09 -0.49 0.00	30.71 -0.53 0.00	31.28 -0.54 0.00	34.44 -0.56 0.00	35.04 -0.61 0.00	35.88 -0.70 0.00	41.93 -0.95 0.38	49.14 -0.91 0.86	58.85 -0.85 1.33	64.04 -0.79 1.22	60.48 -0.75 1.15	53.46 -0.83 1.05	40.64 -0.83 0.00	35.71 -0.69 0.00
CARTHAGE___PAPER 23857	38.79 0.54 0.00	36.62 0.44 0.00	33.25 0.40 0.00	32.85 0.55 0.00	32.64 0.55 0.00	34.88 0.85 0.00	39.14 0.96 0.00	38.63 0.80 0.00	34.87 0.10 0.00	33.07 0.03 0.00	30.46 -0.12 0.00	31.09 -0.16 0.00	31.56 -0.26 0.00	34.72 -0.28 0.00	35.11 -0.53 0.00	35.96 -0.62 0.00	42.57 -0.69 0.00	50.45 -0.46 0.00	61.90 0.85 0.00	67.37 1.32 0.00	63.87 1.49 0.00	56.61 1.27 0.00	42.51 1.04 0.00	37.13 0.73 0.00
CASSADAGA_WT_PWR 323784	35.06 -3.17 0.02	32.44 -3.22 0.52	29.67 -3.15 0.02	29.08 -3.20 0.02	28.83 -3.24 0.02	31.04 -2.96 0.02	26.64 -3.06 8.49	35.43 -2.38 0.02	31.43 -2.16 1.18	30.83 -2.18 0.02	28.35 -2.20 0.02	28.69 -2.19 0.36	28.83 -2.20 0.80	25.67 -2.31 7.02	26.45 -2.24 6.95	26.76 -2.01 7.81	26.49 -2.42 14.35	31.72 -2.39 16.80	37.43 -2.19 21.42	49.00 -1.92 15.13	48.53 -2.43 11.41	43.07 -3.10 9.17	38.44 -2.94 0.09	32.88 -3.06 0.46
CE_DUNWOOD___DRP 24194	40.13 1.87 0.00	37.77 1.59 0.00	34.46 1.61 0.00	33.82 1.52 0.00	33.54 1.44 0.00	35.35 1.33 0.00	39.91 1.72 0.00	39.69 1.85 0.00	36.64 1.88 0.00	34.86 1.82 0.00	32.42 1.83 0.00	33.12 1.87 0.00	33.79 1.97 0.00	37.20 2.20 0.00	38.04 2.39 0.00	39.21 2.63 0.00	46.51 3.24 0.00	54.53 3.61 0.00	64.76 3.72 0.00	69.55 3.50 0.00	65.37 2.99 0.00	58.16 2.82 0.00	43.59 2.12 0.00	38.07 1.67 0.00
CE_MILLWOOD___DRP 24193	40.05 1.80 0.00	37.70 1.52 0.00	34.40 1.54 0.00	33.76 1.45 0.00	33.48 1.38 0.00	35.28 1.26 0.00	39.83 1.64 0.00	39.58 1.74 0.00	36.54 1.77 0.00	34.76 1.72 0.00	32.32 1.74 0.00	33.02 1.78 0.00	33.70 1.88 0.00	37.10 2.10 0.00	37.93 2.28 0.00	39.10 2.52 0.00	46.33 3.07 0.00	54.32 3.41 0.00	64.64 3.60 0.00	69.42 3.37 0.00	65.24 2.87 0.00	58.05 2.71 0.00	43.51 2.03 0.00	38.00 1.60 0.00
CE_NYC2_DRP 24202	40.36 2.10 0.00	37.92 1.74 0.00	34.66 1.81 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.06 1.87 0.00	39.88 2.04 0.00	36.92 2.16 0.00	35.19 2.15 0.00	32.78 2.20 0.00	33.46 2.22 0.00	34.17 2.35 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.04 3.76 -0.02	55.09 4.17 0.00	65.19 4.15 0.00	69.88 3.83 0.00	65.56 3.18 0.00	58.38 3.04 0.00	43.71 2.24 0.00	38.22 1.82 0.00
CE_NYC_DRP 24195	40.40 2.14 0.00	37.99 1.81 0.00	34.69 1.84 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.52 1.50 0.00	40.18 1.99 0.00	39.99 2.16 0.00	36.99 2.23 0.00	35.22 2.18 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.17 2.35 0.00	37.59 2.59 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.04 3.76 -0.02	55.14 4.23 0.00	65.31 4.27 0.00	70.15 4.10 0.00	65.81 3.43 0.00	58.60 3.27 0.00	43.84 2.36 0.00	38.29 1.89 0.00
CHAFFEE___LFGE 323603	34.86 -3.37 0.02	32.33 -3.33 0.52	29.67 -3.15 0.02	29.15 -3.13 0.02	28.96 -3.11 0.02	31.07 -2.93 0.02	26.60 -3.06 8.53	35.31 -2.50 0.02	31.22 -2.37 1.18	30.67 -2.35 0.02	28.32 -2.23 0.02	28.66 -2.22 0.37	28.76 -2.26 0.80	25.54 -2.41 7.04	26.22 -2.46 6.97	26.40 -2.34 7.84	25.98 -2.86 14.43	31.12 -2.90 16.89	36.52 -2.99 21.53	47.86 -2.97 15.22	47.53 -3.37 11.47	42.57 -3.54 9.22	38.06 -3.32 0.09	32.77 -3.17 0.46
CHATEAUG_35_KV_LOAD 355732	38.29 0.04 0.00	36.22 0.04 0.00	32.75 -0.10 0.00	32.27 -0.03 0.00	32.13 0.03 0.00	34.09 0.07 0.00	38.34 0.15 0.00	37.88 0.04 0.00	34.77 0.00 0.00	32.97 -0.07 0.00	30.49 -0.09 0.00	31.15 -0.09 0.00	31.69 -0.13 0.00	34.79 -0.21 0.00	35.43 -0.21 0.00	36.43 -0.15 0.00	43.17 -0.09 0.00	50.76 -0.15 0.00	60.98 -0.06 0.00	66.25 0.20 0.00	62.75 0.37 0.00	55.39 0.06 0.00	41.72 0.25 0.00	36.62 0.22 0.00
CHATEAUG_WT_PWR 323614	38.22 -0.04 0.00	36.18 0.00 0.00	32.72 -0.13 0.00	32.24 -0.06 0.00	32.06 -0.03 0.00	34.06 0.03 0.00	38.27 0.08 0.00	37.88 0.04 0.00	34.77 0.00 0.00	33.01 -0.03 0.00	30.52 -0.06 0.00	31.21 -0.03 0.00	31.76 -0.06 0.00	34.86 -0.14 0.00	35.51 -0.14 0.00	36.47 -0.11 0.00	43.17 -0.09 0.00	50.76 -0.15 0.00	60.92 -0.12 0.00	66.12 0.07 0.00	62.56 0.19 0.00	55.28 -0.06 0.00	41.64 0.17 0.00	36.51 0.11 0.00
CHAT_HIGH_FALL_HYD 323578	38.29 0.04 0.00	36.22 0.04 0.00	32.75 -0.10 0.00	32.27 -0.03 0.00	32.13 0.03 0.00	34.09 0.07 0.00	38.34 0.15 0.00	37.88 0.04 0.00	34.77 0.00 0.00	32.97 -0.07 0.00	30.49 -0.09 0.00	31.15 -0.09 0.00	31.69 -0.13 0.00	34.79 -0.21 0.00	35.43 -0.21 0.00	36.43 -0.15 0.00	43.17 -0.09 0.00	50.76 -0.15 0.00	60.98 -0.06 0.00	66.25 0.20 0.00	62.75 0.37 0.00	55.39 0.06 0.00	41.72 0.25 0.00	36.62 0.22 0.00
CHAUTAUQUA___LFGE 323629	34.94 -3.29 0.03	32.35 -3.29 0.54	29.67 -3.15 0.03	29.11 -3.16 0.03	28.93 -3.14 0.03	31.04 -2.96 0.03	26.22 -3.13 8.83	35.28 -2.53 0.03	31.18 -2.37 1.23	30.77 -2.25 0.03	28.35 -2.20 0.03	28.61 -2.25 0.38	28.70 -2.29 0.83	25.28 -2.41 7.31	25.99 -2.43 7.23	26.19 -2.27 8.12	25.59 -2.77 14.90	30.69 -2.80 17.42	36.03 -2.81 22.20	47.74 -2.64 15.67	47.46 -3.12 11.80	42.38 -3.48 9.48	38.18 -3.19 0.10	32.75 -3.17 0.48
CHERRYST_13_KV_LD 356241	40.51 2.26 0.00	38.06 1.88 0.00	34.76 1.91 0.00	34.15 1.84 0.00	33.83 1.73 0.00	35.62 1.60 0.00	40.33 2.14 0.00	40.15 2.31 0.00	37.13 2.36 0.00	35.35 2.31 0.00	32.91 2.32 0.00	33.62 2.37 0.00	34.30 2.48 0.00	37.73 2.73 0.00	38.64 2.99 0.00	39.83 3.26 0.00	47.26 3.98 -0.02	55.34 4.43 0.00	65.56 4.52 0.00	70.35 4.29 0.00	66.06 3.68 0.00	58.77 3.43 0.00	43.96 2.49 0.00	38.37 1.97 0.00

CHESTROR_138KV_BK263 355645	39.71 1.45 0.00	37.37 1.19 0.00	34.07 1.22 0.00	33.47 1.16 0.00	33.16 1.06 0.00	34.98 0.95 0.00	39.45 1.26 0.00	39.12 1.29 0.00	36.09 1.32 0.00	34.26 1.22 0.00	31.87 1.28 0.00	32.52 1.28 0.00	33.22 1.40 0.00	36.57 1.57 0.00	37.36 1.71 0.00	38.52 1.94 0.00	45.64 2.38 0.00	53.61 2.70 0.00	63.91 2.87 0.00	68.76 2.71 0.00	64.68 2.31 0.00	57.55 2.21 0.00	43.09 1.62 0.00	37.64 1.24 0.00
CH_MIDHUDSON___DRP 24192	40.17 1.91 0.00	37.77 1.59 0.00	34.46 1.61 0.00	33.82 1.52 0.00	33.51 1.41 0.00	35.35 1.33 0.00	39.91 1.72 0.00	39.50 1.66 0.00	36.44 1.67 0.00	34.56 1.52 0.00	32.14 1.56 0.00	32.80 1.56 0.00	33.47 1.65 0.00	36.89 1.89 0.00	37.71 2.07 0.00	38.88 2.30 0.00	46.12 2.86 0.00	54.27 3.36 0.00	64.70 3.66 0.00	69.69 3.63 0.00	65.49 3.12 0.00	58.27 2.93 0.00	43.59 2.12 0.00	38.07 1.67 0.00
CH_MISC_IPPS 23765	40.32 2.06 0.00	37.88 1.70 0.00	34.53 1.67 0.00	33.92 1.61 0.00	33.57 1.48 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.54 1.70 0.00	36.50 1.74 0.00	34.56 1.52 0.00	32.14 1.56 0.00	32.84 1.59 0.00	33.51 1.69 0.00	36.92 1.92 0.00	37.75 2.10 0.00	38.95 2.38 0.00	46.20 2.94 0.00	54.47 3.56 0.00	65.01 3.97 0.00	70.02 3.96 0.00	65.87 3.49 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.18 1.78 0.00
CH_RES_BVR_FALLS 23983	38.14 -0.11 0.00	36.07 -0.11 0.00	32.72 -0.13 0.00	32.21 -0.10 0.00	32.00 -0.10 0.00	33.96 -0.07 0.00	38.11 -0.08 0.00	37.76 -0.08 0.00	34.70 -0.07 0.00	32.94 -0.10 0.00	30.49 -0.09 0.00	31.15 -0.09 0.00	31.72 -0.10 0.00	34.86 -0.14 0.00	35.51 -0.14 0.00	36.43 -0.15 0.00	43.13 -0.13 0.00	50.71 -0.20 0.00	60.86 -0.18 0.00	65.86 -0.20 0.00	62.25 -0.12 0.00	55.17 -0.17 0.00	41.39 -0.08 0.00	36.33 -0.07 0.00
CH_RES_NIAGARA 23895	33.03 -5.20 0.02	30.73 -5.03 0.42	28.13 -4.70 0.02	27.70 -4.59 0.02	27.52 -4.56 0.02	29.28 -4.73 0.02	26.68 -4.54 6.97	33.35 -4.46 0.02	30.18 -3.62 0.97	29.58 -3.44 0.02	27.32 -3.24 0.02	27.26 -3.69 0.30	27.73 -3.44 0.66	25.51 -3.71 5.78	26.11 -3.81 5.72	26.30 -3.88 6.40	26.10 -5.10 12.06	30.94 -5.65 14.32	36.00 -6.65 18.39	46.00 -6.94 13.12	45.26 -7.11 10.00	40.59 -6.70 8.06	35.79 -5.60 0.09	30.89 -5.13 0.38
CH_RES_SYRACUSE 23985	37.80 -0.46 0.00	35.71 -0.47 0.00	32.42 -0.43 0.00	31.88 -0.42 0.00	31.68 -0.42 0.00	33.65 -0.37 0.00	37.77 -0.42 0.00	37.50 -0.34 0.00	34.39 -0.38 0.00	32.68 -0.36 0.00	30.22 -0.37 0.00	30.84 -0.41 0.00	31.44 -0.38 0.00	34.58 -0.42 0.00	35.18 -0.46 0.00	36.07 -0.51 0.00	42.53 -0.74 0.00	50.30 -0.61 0.00	60.55 -0.49 0.00	65.72 -0.33 0.00	62.13 -0.25 0.00	54.89 -0.44 0.00	40.93 -0.54 0.00	35.93 -0.47 0.00
CLINTON_WT_PWR 323605	38.22 -0.04 0.00	36.18 0.00 0.00	32.72 -0.13 0.00	32.24 -0.06 0.00	32.06 -0.03 0.00	34.06 0.03 0.00	38.27 0.08 0.00	37.88 0.04 0.00	34.77 0.00 0.00	33.01 -0.03 0.00	30.52 -0.06 0.00	31.21 -0.03 0.00	31.76 -0.06 0.00	34.86 -0.14 0.00	35.51 -0.14 0.00	36.47 -0.11 0.00	43.17 -0.09 0.00	50.76 -0.15 0.00	60.92 -0.12 0.00	66.12 0.07 0.00	62.56 0.19 0.00	55.28 -0.06 0.00	41.64 0.17 0.00	36.51 0.11 0.00
CLINTON___LFGE 323618	38.68 0.42 0.00	36.58 0.40 0.00	33.05 0.20 0.00	32.59 0.29 0.00	32.42 0.32 0.00	34.43 0.41 0.00	38.72 0.53 0.00	38.29 0.46 0.00	35.15 0.38 0.00	33.30 0.26 0.00	30.80 0.22 0.00	31.49 0.25 0.00	32.07 0.25 0.00	35.21 0.21 0.00	35.86 0.22 0.00	36.84 0.26 0.00	43.69 0.43 0.00	51.37 0.46 0.00	61.78 0.74 0.00	67.18 1.12 0.00	63.75 1.37 0.00	56.06 0.72 0.00	42.26 0.79 0.00	37.06 0.66 0.00
COBBLENY_34_KV_TB1 80064	34.86 -3.37 0.02	32.33 -3.33 0.52	29.67 -3.15 0.02	29.15 -3.13 0.02	28.96 -3.11 0.02	31.07 -2.93 0.02	26.60 -3.06 8.53	35.32 -2.50 0.02	31.22 -2.36 1.18	30.67 -2.35 0.02	28.29 -2.26 0.02	28.78 -2.09 0.37	28.76 -2.26 0.80	25.54 -2.41 7.04	26.22 -2.46 6.97	26.40 -2.34 7.84	25.98 -2.86 14.43	31.17 -2.85 16.89	36.52 -2.99 21.53	47.93 -2.91 15.22	47.59 -3.31 11.47	42.57 -3.54 9.22	38.11 -3.28 0.09	32.77 -3.17 0.46
COFFEEN___115KV_TB3 355620	39.21 0.96 0.00	36.98 0.80 0.00	33.57 0.72 0.00	33.14 0.84 0.00	32.90 0.80 0.00	35.18 1.16 0.00	39.49 1.30 0.00	38.94 1.10 0.00	35.05 0.28 0.00	33.24 0.20 0.00	30.55 -0.03 0.00	31.24 0.00 0.00	31.66 -0.16 0.00	34.86 -0.14 0.00	35.22 -0.43 0.00	36.03 -0.55 0.00	42.70 -0.56 0.00	50.66 -0.25 0.00	62.57 1.53 0.00	68.17 2.11 0.00	64.62 2.25 0.00	57.22 1.88 0.00	42.92 1.45 0.00	37.46 1.06 0.00
COLDSPRG_115KV_BK1 355956	35.67 -2.56 0.02	33.20 -2.50 0.48	30.27 -2.56 0.02	29.63 -2.65 0.02	29.44 -2.63 0.02	31.82 -2.18 0.02	28.09 -2.14 7.96	36.30 -1.51 0.02	32.17 -1.49 1.10	31.10 -1.92 0.02	28.66 -1.90 0.02	29.59 -1.31 0.34	29.58 -1.50 0.75	26.85 -1.57 6.57	27.61 -1.53 6.50	27.95 -1.32 7.31	28.14 -1.64 13.47	33.63 -1.48 15.81	39.69 -1.16 20.19	50.91 -0.86 14.29	50.21 -1.37 10.79	44.61 -2.05 8.68	39.27 -2.12 0.08	33.68 -2.29 0.43
COLONIE_LFGE___ 323577	39.48 1.22 0.00	37.34 1.16 0.00	34.03 1.18 0.00	33.43 1.13 0.00	33.09 1.00 0.00	35.08 1.06 0.00	39.33 1.14 0.00	38.71 0.87 0.00	35.57 0.80 0.00	33.73 0.69 0.00	31.19 0.61 0.00	31.93 0.69 0.00	32.49 0.67 0.00	35.70 0.70 0.00	36.43 0.78 0.00	37.53 0.95 0.00	44.65 1.38 0.00	52.49 1.58 0.00	62.87 1.83 0.00	68.17 2.11 0.00	64.43 2.06 0.00	57.39 2.05 0.00	43.05 1.58 0.00	37.71 1.31 0.00
COOPERNY_115KV_TB1 80082	39.25 0.99 0.00	37.01 0.83 0.00	33.71 0.85 0.00	33.11 0.81 0.00	32.83 0.74 0.00	34.71 0.68 0.00	39.07 0.88 0.00	38.75 0.91 0.00	35.71 0.94 0.00	33.93 0.89 0.00	31.50 0.92 0.00	32.18 0.94 0.00	32.81 0.99 0.00	36.12 1.12 0.00	36.89 1.25 0.00	37.97 1.39 0.00	44.95 1.69 0.00	52.80 1.88 0.00	63.06 2.01 0.00	67.90 1.85 0.00	63.93 1.56 0.00	56.83 1.49 0.00	42.59 1.12 0.00	37.24 0.84 0.00
COPENHAGEN_WT_PWR 323753	38.91 0.65 0.00	36.69 0.51 0.00	33.31 0.46 0.00	32.89 0.58 0.00	32.64 0.55 0.00	34.91 0.88 0.00	39.14 0.96 0.00	38.63 0.80 0.00	34.87 0.10 0.00	33.07 0.03 0.00	30.43 -0.15 0.00	31.12 -0.12 0.00	31.56 -0.26 0.00	34.72 -0.28 0.00	35.15 -0.50 0.00	35.96 -0.62 0.00	42.57 -0.69 0.00	50.45 -0.46 0.00	62.08 1.04 0.00	67.57 1.52 0.00	63.99 1.62 0.00	56.66 1.33 0.00	42.51 1.04 0.00	37.13 0.73 0.00
CORNELL_____ 23752	38.57 0.31 -0.01	36.66 0.25 -0.23	33.06 0.20 -0.01	32.48 0.16 -0.01	32.24 0.13 -0.01	34.38 0.34 -0.01	42.38 0.34 -3.85	38.23 0.38 -0.01	35.39 0.10 -0.51	32.98 -0.07 -0.01	30.47 -0.12 -0.01	31.31 -0.09 -0.16	32.07 -0.10 -0.35	38.00 -0.07 -3.07	38.62 -0.07 -3.04	40.08 -0.04 -3.54	49.21 0.00 -5.95	57.63 0.36 -6.36	69.98 1.10 -7.84	72.69 1.52 -5.12	67.39 1.50 -3.52	59.08 1.11 -2.63	42.01 0.50 -0.04	36.86 0.25 -0.20

CORONA V_69_KV_TB1 355595	40.82 2.56 0.00	37.95 1.77 0.00	34.53 1.68 0.00	33.89 1.58 0.00	33.64 1.54 0.00	35.42 1.40 0.00	40.18 1.99 0.00	39.99 2.16 0.00	37.03 2.26 0.00	35.35 2.31 0.00	32.87 2.29 0.00	33.62 2.37 0.00	34.37 2.55 0.00	38.46 2.97 -0.48	41.03 3.17 -2.21	45.06 3.47 -5.00	49.62 4.24 -2.12	101.54 4.89 -45.74	84.44 4.46 -18.94	70.38 4.29 -0.04	65.78 3.37 -0.04	58.53 3.15 -0.04	53.82 2.70 -9.65	44.94 2.18 -6.35
CORTLAND_115KV_TB3 80093	38.30 0.04 0.00	36.26 0.00 -0.08	32.86 0.00 0.00	32.28 -0.03 0.00	32.07 -0.03 0.00	34.13 0.10 0.00	39.68 0.11 -1.38	37.99 0.15 0.00	34.92 -0.03 -0.18	32.94 -0.10 0.00	30.43 -0.15 0.00	31.17 -0.12 -0.06	31.82 -0.13 -0.12	35.99 -0.10 -1.10	36.63 -0.11 -1.09	37.73 -0.11 -1.27	45.08 -0.17 -1.99	52.92 0.05 -1.95	63.83 0.49 -2.31	68.22 0.79 -1.37	63.95 0.75 -0.83	56.39 0.50 -0.55	41.61 0.12 -0.01	36.47 0.00 -0.07
COXSACKIE__GT 23611	40.28 2.03 0.00	37.95 1.77 0.00	34.56 1.71 0.00	33.92 1.61 0.00	33.54 1.45 0.00	35.49 1.46 0.00	39.83 1.64 0.00	38.71 0.87 0.00	35.39 0.63 0.00	33.21 0.17 0.00	30.67 0.09 0.00	31.43 0.19 0.00	32.01 0.19 0.00	35.28 0.28 0.00	36.04 0.39 0.00	37.20 0.62 0.00	44.30 1.04 0.00	52.64 1.73 0.00	63.66 2.62 0.00	69.68 3.63 0.00	65.93 3.55 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00
CPV_VALLEY__CC1 323721	39.44 1.19 0.00	37.16 0.98 0.00	33.84 0.98 0.00	33.24 0.94 0.00	32.96 0.87 0.00	34.77 0.75 0.00	39.22 1.03 0.00	38.90 1.06 0.00	35.88 1.11 0.00	34.10 1.06 0.00	31.68 1.10 0.00	32.40 1.16 0.00	33.03 1.21 0.00	36.36 1.36 0.00	37.14 1.50 0.00	38.26 1.68 0.00	45.29 2.03 0.00	53.20 2.29 0.00	63.42 2.38 0.00	68.23 2.18 0.00	64.19 1.81 0.00	57.11 1.77 0.00	42.80 1.33 0.00	37.42 1.02 0.00
CPV_VALLEY__CC2 323722	39.44 1.19 0.00	37.16 0.98 0.00	33.84 0.98 0.00	33.24 0.94 0.00	32.96 0.87 0.00	34.77 0.75 0.00	39.22 1.03 0.00	38.90 1.06 0.00	35.88 1.11 0.00	34.10 1.06 0.00	31.68 1.10 0.00	32.40 1.16 0.00	33.03 1.21 0.00	36.36 1.36 0.00	37.14 1.50 0.00	38.26 1.68 0.00	45.29 2.03 0.00	53.20 2.29 0.00	63.42 2.38 0.00	68.23 2.18 0.00	64.19 1.81 0.00	57.11 1.77 0.00	42.80 1.33 0.00	37.42 1.02 0.00
CRESCENT__HYD 24018	39.48 1.22 0.00	37.34 1.16 0.00	34.03 1.18 0.00	33.43 1.13 0.00	33.09 1.00 0.00	35.08 1.06 0.00	39.33 1.14 0.00	38.71 0.87 0.00	35.57 0.80 0.00	33.73 0.69 0.00	31.19 0.61 0.00	31.93 0.69 0.00	32.49 0.67 0.00	35.70 0.70 0.00	36.43 0.78 0.00	37.53 0.95 0.00	44.65 1.38 0.00	52.49 1.58 0.00	62.87 1.83 0.00	68.17 2.11 0.00	64.43 2.06 0.00	57.39 2.05 0.00	43.05 1.58 0.00	37.71 1.31 0.00
CRICKET__VALLEY_CC1 323756	39.67 1.42 0.00	37.34 1.16 0.00	34.07 1.22 0.00	33.50 1.20 0.00	33.19 1.09 0.00	34.94 0.92 0.00	39.41 1.22 0.00	39.13 1.29 0.00	36.12 1.35 0.00	34.36 1.32 0.00	31.96 1.38 0.00	32.65 1.41 0.00	33.25 1.43 0.00	36.61 1.61 0.00	37.43 1.78 0.00	38.55 1.97 0.00	45.73 2.46 0.00	53.61 2.70 0.00	63.72 2.68 0.00	68.43 2.37 0.00	64.43 2.06 0.00	57.39 2.05 0.00	43.05 1.58 0.00	37.64 1.24 0.00
CRICKET__VALLEY_CC2 323757	39.67 1.42 0.00	37.34 1.16 0.00	34.07 1.22 0.00	33.50 1.20 0.00	33.19 1.09 0.00	34.94 0.92 0.00	39.41 1.22 0.00	39.13 1.29 0.00	36.12 1.35 0.00	34.36 1.32 0.00	31.96 1.38 0.00	32.65 1.41 0.00	33.25 1.43 0.00	36.61 1.61 0.00	37.43 1.78 0.00	38.55 1.97 0.00	45.73 2.46 0.00	53.61 2.70 0.00	63.72 2.68 0.00	68.43 2.37 0.00	64.43 2.06 0.00	57.39 2.05 0.00	43.05 1.58 0.00	37.64 1.24 0.00
CRICKET__VALLEY_CC3 323758	39.67 1.42 0.00	37.34 1.16 0.00	34.07 1.22 0.00	33.50 1.20 0.00	33.19 1.09 0.00	34.94 0.92 0.00	39.41 1.22 0.00	39.13 1.29 0.00	36.12 1.35 0.00	34.36 1.32 0.00	31.96 1.38 0.00	32.65 1.41 0.00	33.25 1.43 0.00	36.61 1.61 0.00	37.43 1.78 0.00	38.55 1.97 0.00	45.73 2.46 0.00	53.61 2.70 0.00	63.72 2.68 0.00	68.43 2.37 0.00	64.43 2.06 0.00	57.39 2.05 0.00	43.05 1.58 0.00	37.64 1.24 0.00
CRUCIBLE_METL_DRP 24180	37.80 -0.46 0.00	35.71 -0.47 0.00	32.42 -0.43 0.00	31.88 -0.42 0.00	31.68 -0.42 0.00	33.65 -0.37 0.00	37.77 -0.42 0.00	37.50 -0.34 0.00	34.38 -0.38 0.00	32.71 -0.33 0.00	30.24 -0.34 0.00	30.87 -0.37 0.00	31.44 -0.38 0.00	34.58 -0.42 0.00	35.18 -0.46 0.00	36.07 -0.51 0.00	42.53 -0.74 0.00	50.30 -0.61 0.00	60.55 -0.49 0.00	65.72 -0.33 0.00	62.13 -0.25 0.00	54.90 -0.44 0.00	40.93 -0.54 0.00	35.93 -0.47 0.00
DAHOWA__HYDRO 323763	39.79 1.53 0.00	37.66 1.48 0.00	34.30 1.44 0.00	33.72 1.42 0.00	33.38 1.29 0.00	35.42 1.40 0.00	39.64 1.45 0.00	38.82 0.98 0.00	35.46 0.70 0.00	33.47 0.43 0.00	30.86 0.27 0.00	31.68 0.44 0.00	32.14 0.32 0.00	35.28 0.28 0.00	35.97 0.32 0.00	37.27 0.69 0.00	44.47 1.21 0.00	52.54 1.63 0.00	63.42 2.38 0.00	69.49 3.43 0.00	65.74 3.37 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.26 1.86 0.00
DANC__LFGE 323619	38.33 0.08 0.00	36.18 0.00 0.00	32.85 0.00 0.00	32.37 0.06 0.00	32.16 0.06 0.00	34.30 0.27 0.00	38.46 0.27 0.00	38.03 0.19 0.00	34.53 -0.24 0.00	32.77 -0.27 0.00	30.22 -0.37 0.00	30.87 -0.37 0.00	31.37 -0.45 0.00	34.51 -0.49 0.00	34.97 -0.68 0.00	35.77 -0.80 0.00	42.31 -0.95 0.00	50.05 -0.87 0.00	61.04 0.00 0.00	66.39 0.33 0.00	62.81 0.44 0.00	55.62 0.28 0.00	41.72 0.25 0.00	36.51 0.11 0.00
DANSKAMMER__1 23586	40.32 2.06 0.00	37.88 1.70 0.00	34.53 1.67 0.00	33.92 1.61 0.00	33.57 1.48 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.54 1.70 0.00	36.50 1.74 0.00	34.56 1.52 0.00	32.14 1.56 0.00	32.84 1.59 0.00	33.51 1.69 0.00	36.92 1.92 0.00	37.75 2.10 0.00	38.95 2.38 0.00	46.20 2.94 0.00	54.47 3.56 0.00	65.01 3.97 0.00	70.02 3.96 0.00	65.87 3.49 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.18 1.78 0.00
DANSKAMMER__2 23589	40.32 2.06 0.00	37.88 1.70 0.00	34.53 1.67 0.00	33.92 1.61 0.00	33.57 1.48 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.54 1.70 0.00	36.50 1.74 0.00	34.56 1.52 0.00	32.14 1.56 0.00	32.84 1.59 0.00	33.51 1.69 0.00	36.92 1.92 0.00	37.75 2.10 0.00	38.95 2.38 0.00	46.20 2.94 0.00	54.47 3.56 0.00	65.01 3.97 0.00	70.02 3.96 0.00	65.87 3.49 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.18 1.78 0.00
DANSKAMMER__3 23590	40.32 2.06 0.00	37.88 1.70 0.00	34.53 1.67 0.00	33.92 1.61 0.00	33.57 1.48 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.54 1.70 0.00	36.50 1.74 0.00	34.56 1.52 0.00	32.14 1.56 0.00	32.84 1.59 0.00	33.51 1.69 0.00	36.92 1.92 0.00	37.75 2.10 0.00	38.95 2.38 0.00	46.20 2.94 0.00	54.47 3.56 0.00	65.01 3.97 0.00	70.02 3.96 0.00	65.87 3.49 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.18 1.78 0.00

DANSKAMMER___4 23591	40.32 2.06 0.00	37.88 1.70 0.00	34.53 1.67 0.00	33.92 1.61 0.00	33.57 1.48 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.54 1.70 0.00	36.50 1.74 0.00	34.56 1.52 0.00	32.14 1.56 0.00	32.84 1.59 0.00	33.51 1.69 0.00	36.92 1.92 0.00	37.75 2.10 0.00	38.95 2.38 0.00	46.20 2.94 0.00	54.47 3.56 0.00	65.01 3.97 0.00	70.02 3.96 0.00	65.87 3.49 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.18 1.78 0.00
DANSKAMMER___DIESEL 23592	40.32 2.07 0.00	37.88 1.70 0.00	34.53 1.68 0.00	33.92 1.62 0.00	33.57 1.48 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.54 1.70 0.00	36.51 1.74 0.00	34.56 1.52 0.00	32.14 1.56 0.00	32.77 1.53 0.00	33.51 1.69 0.00	36.92 1.92 0.00	37.75 2.10 0.00	38.96 2.38 0.00	46.20 2.94 0.00	54.48 3.56 0.00	65.01 3.97 0.00	70.02 3.96 0.00	65.87 3.49 0.00	58.49 3.15 0.00	43.71 2.24 0.00	38.18 1.78 0.00
DARBY___SOLAR 323810	39.71 1.45 0.00	37.59 1.41 0.00	34.23 1.38 0.00	33.63 1.32 0.00	33.28 1.19 0.00	35.32 1.29 0.00	39.56 1.37 0.00	38.74 0.91 0.00	35.43 0.66 0.00	33.47 0.43 0.00	30.89 0.31 0.00	31.68 0.44 0.00	32.14 0.32 0.00	35.31 0.31 0.00	35.97 0.32 0.00	37.24 0.66 0.00	44.43 1.17 0.00	52.49 1.58 0.00	63.24 2.19 0.00	69.16 3.11 0.00	65.37 2.99 0.00	58.16 2.82 0.00	43.55 2.07 0.00	38.11 1.71 0.00
DASHVILLE___HYD 23610	40.74 2.49 0.00	38.21 2.03 0.00	34.82 1.97 0.00	34.18 1.87 0.00	33.80 1.70 0.00	35.62 1.60 0.00	40.29 2.10 0.00	39.65 1.82 0.00	36.58 1.81 0.00	34.53 1.49 0.00	32.11 1.53 0.00	32.74 1.50 0.00	33.47 1.65 0.00	36.92 1.92 0.00	37.82 2.17 0.00	39.03 2.45 0.00	46.33 3.07 0.00	54.88 3.97 0.00	65.68 4.64 0.00	70.88 4.82 0.00	66.62 4.24 0.00	59.16 3.82 0.00	44.13 2.65 0.00	38.48 2.07 0.00
DELAWARE___LFGE 323621	39.79 1.53 0.00	37.64 1.37 -0.08	34.07 1.22 0.00	33.47 1.16 0.00	33.19 1.09 0.00	35.49 1.46 0.00	41.17 1.57 -1.42	39.13 1.29 0.00	35.62 0.66 -0.19	33.37 0.33 0.00	30.71 0.12 0.00	31.71 0.41 -0.06	32.27 0.32 -0.13	36.51 0.38 -1.12	37.08 0.32 -1.11	38.25 0.37 -1.30	45.97 0.61 -2.10	54.31 1.27 -2.13	66.76 3.17 -2.55	71.46 3.83 -1.57	66.93 3.56 -1.00	58.97 2.93 -0.70	43.44 1.95 -0.01	37.89 1.42 -0.07
DERFIELD_115KV_TB7 355931	38.33 0.08 0.00	36.29 0.11 0.00	32.98 0.13 0.00	32.43 0.13 0.00	32.19 0.10 0.00	34.13 0.10 0.00	38.27 0.08 0.00	37.91 0.08 0.00	34.84 0.07 0.00	33.11 0.07 0.00	30.61 0.03 0.00	31.31 0.06 0.00	31.88 0.06 0.00	35.07 0.07 0.00	35.72 0.07 0.00	36.65 0.07 0.00	43.35 0.09 0.00	51.01 0.10 0.00	61.16 0.12 0.00	66.19 0.13 0.00	62.44 0.06 0.00	55.45 0.11 0.00	41.60 0.12 0.00	36.47 0.07 0.00
DOGLEVILLE___HYD 23807	39.44 1.19 0.00	37.34 1.16 0.00	33.94 1.08 0.00	33.40 1.10 0.00	33.19 1.09 0.00	35.22 1.19 0.00	39.56 1.37 0.00	39.16 1.32 0.00	35.95 1.18 0.00	34.13 1.09 0.00	31.59 1.01 0.00	32.27 1.03 0.00	32.87 1.05 0.00	36.12 1.12 0.00	36.79 1.14 0.00	37.75 1.17 0.00	44.56 1.30 0.00	52.49 1.58 0.00	63.12 2.08 0.00	68.37 2.31 0.00	64.50 2.12 0.00	57.28 1.94 0.00	43.01 1.53 0.00	37.71 1.31 0.00
DUNKIRK___115KV_TB_200 55889	34.94 -3.29 0.03	32.31 -3.33 0.54	29.67 -3.15 0.03	29.14 -3.13 0.03	28.92 -3.15 0.03	31.04 -2.96 0.03	26.23 -3.09 8.87	35.28 -2.54 0.03	31.17 -2.36 1.23	30.73 -2.28 0.03	28.35 -2.20 0.03	28.74 -2.12 0.38	28.70 -2.29 0.83	25.21 -2.45 7.34	25.93 -2.46 7.26	26.13 -2.30 8.15	25.49 -2.81 14.96	30.63 -2.80 17.48	35.90 -2.87 22.27	47.56 -2.77 15.72	47.36 -3.18 11.84	42.29 -3.54 9.51	38.18 -3.19 0.10	32.72 -3.20 0.48
DUNKIRK___1 23563	34.94 -3.29 0.03	32.31 -3.33 0.54	29.67 -3.15 0.03	29.14 -3.13 0.03	28.92 -3.15 0.03	31.04 -2.96 0.03	26.23 -3.09 8.87	35.28 -2.54 0.03	31.17 -2.36 1.23	30.73 -2.28 0.03	28.35 -2.20 0.03	28.74 -2.12 0.38	28.70 -2.29 0.83	25.21 -2.45 7.34	25.93 -2.46 7.26	26.13 -2.30 8.15	25.49 -2.81 14.96	30.63 -2.80 17.48	35.90 -2.87 22.27	47.56 -2.77 15.72	47.36 -3.18 11.84	42.29 -3.54 9.51	38.18 -3.19 0.10	32.72 -3.20 0.48
DUNKIRK___2 23564	34.94 -3.29 0.03	32.31 -3.33 0.54	29.67 -3.15 0.03	29.14 -3.13 0.03	28.92 -3.15 0.03	31.04 -2.96 0.03	26.23 -3.09 8.87	35.28 -2.54 0.03	31.17 -2.36 1.23	30.73 -2.28 0.03	28.35 -2.20 0.03	28.74 -2.12 0.38	28.70 -2.29 0.83	25.21 -2.45 7.34	25.93 -2.46 7.26	26.13 -2.30 8.15	25.49 -2.81 14.96	30.63 -2.80 17.48	35.90 -2.87 22.27	47.56 -2.77 15.72	47.36 -3.18 11.84	42.29 -3.54 9.51	38.18 -3.19 0.10	32.72 -3.20 0.48
DUNKIRK___3 23565	34.86 -3.37 0.03	32.26 -3.36 0.55	29.64 -3.19 0.03	29.08 -3.20 0.03	28.89 -3.18 0.03	31.00 -2.99 0.03	26.03 -3.13 9.03	35.20 -2.61 0.03	31.08 -2.43 1.25	30.63 -2.38 0.03	28.26 -2.29 0.03	28.67 -2.19 0.39	28.65 -2.32 0.85	25.03 -2.48 7.48	25.75 -2.50 7.40	25.94 -2.34 8.30	25.14 -2.90 15.22	30.18 -2.95 17.78	35.28 -3.11 22.64	47.04 -3.04 15.97	46.92 -3.43 12.02	41.98 -3.71 9.65	38.01 -3.36 0.10	32.67 -3.24 0.49
DUNKIRK___4 23566	34.86 -3.37 0.03	32.26 -3.36 0.55	29.64 -3.19 0.03	29.08 -3.20 0.03	28.89 -3.18 0.03	31.00 -2.99 0.03	26.03 -3.13 9.03	35.20 -2.61 0.03	31.08 -2.43 1.25	30.63 -2.38 0.03	28.26 -2.29 0.03	28.67 -2.19 0.39	28.65 -2.32 0.85	25.03 -2.48 7.48	25.75 -2.50 7.40	25.94 -2.34 8.30	25.14 -2.90 15.22	30.18 -2.95 17.78	35.28 -3.11 22.64	47.04 -3.04 15.97	46.92 -3.43 12.02	41.98 -3.71 9.65	38.01 -3.36 0.10	32.67 -3.24 0.49
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.24 1.99 0.00	37.84 1.66 0.00	34.53 1.68 0.00	33.89 1.58 0.00	33.60 1.51 0.00	35.42 1.40 0.00	39.98 1.79 0.00	39.77 1.93 0.00	36.75 1.98 0.00	34.96 1.92 0.00	32.54 1.96 0.00	33.21 1.97 0.00	33.92 2.10 0.00	37.31 2.31 0.00	38.18 2.53 0.00	39.36 2.78 0.00	46.68 3.42 0.00	54.68 3.77 0.00	64.95 3.91 0.00	69.75 3.70 0.00	65.49 3.12 0.00	58.33 2.99 0.00	43.67 2.20 0.00	38.15 1.75 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.98 1.72 0.00	37.59 1.41 0.00	34.26 1.41 0.00	33.66 1.36 0.00	33.35 1.25 0.00	35.18 1.16 0.00	39.72 1.53 0.00	39.31 1.48 0.00	36.30 1.53 0.00	34.43 1.39 0.00	31.99 1.41 0.00	32.68 1.44 0.00	33.38 1.56 0.00	36.75 1.75 0.00	37.57 1.92 0.00	38.74 2.16 0.00	45.90 2.64 0.00	54.02 3.11 0.00	64.40 3.36 0.00	69.36 3.30 0.00	65.24 2.87 0.00	58.00 2.66 0.00	43.38 1.91 0.00	37.89 1.49 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.21 1.95 0.00	37.77 1.59 0.00	34.56 1.71 0.00	33.89 1.58 0.00	33.57 1.48 0.00	35.28 1.26 0.00	39.91 1.72 0.00	39.73 1.89 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.66 2.08 0.00	33.37 2.12 0.00	34.05 2.23 0.00	37.41 2.41 0.00	38.32 2.67 0.00	39.50 2.93 0.00	46.82 3.55 -0.02	54.88 3.97 0.00	64.89 3.85 0.00	69.55 3.50 0.00	65.24 2.87 0.00	58.11 2.77 0.00	43.51 2.03 0.00	38.04 1.64 0.00

E179THST_13_KV_LOAD 356214	40.36 2.10 0.00	37.95 1.77 0.00	34.72 1.87 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.06 1.87 0.00	39.92 2.08 0.00	36.96 2.19 0.00	35.22 2.18 0.00	32.81 2.23 0.00	33.52 2.28 0.00	34.21 2.39 0.00	37.62 2.62 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.08 3.81 -0.02	55.19 4.28 0.00	65.25 4.21 0.00	69.95 3.90 0.00	65.62 3.24 0.00	58.38 3.04 0.00	43.71 2.24 0.00	38.22 1.82 0.00
EAST HAMPTON___GT 23717	41.70 3.44 0.00	38.42 2.24 0.00	34.89 2.04 0.00	34.37 2.07 0.00	34.25 2.15 0.00	36.17 2.14 0.00	41.28 3.09 0.00	41.32 3.48 0.00	38.49 3.72 0.00	37.00 3.96 0.00	34.31 3.73 0.00	35.02 3.78 0.00	35.64 3.82 0.00	39.89 4.41 -0.48	42.28 4.42 -2.21	45.97 4.39 -5.00	51.09 5.71 -2.12	61.06 6.57 -3.58	72.00 5.86 -5.10	69.81 3.76 0.00	64.43 2.06 0.00	58.65 3.32 0.00	49.62 3.40 -4.75	42.37 2.84 -3.13
EAST RIVER___6 23660	40.44 2.18 0.00	38.02 1.84 0.00	34.72 1.87 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.52 1.50 0.00	40.21 2.02 0.00	39.99 2.16 0.00	36.99 2.23 0.00	35.22 2.18 0.00	32.81 2.23 0.00	33.55 2.31 0.00	34.21 2.39 0.00	37.63 2.63 0.00	38.53 2.89 0.00	39.72 3.15 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.44 4.40 0.00	70.28 4.23 0.00	65.99 3.62 0.00	58.83 3.49 0.00	43.92 2.45 0.00	38.33 1.93 0.00
EAST RIVER___7 23524	40.44 2.18 0.00	38.02 1.84 0.00	34.72 1.87 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.52 1.50 0.00	40.21 2.02 0.00	39.99 2.16 0.00	36.99 2.23 0.00	35.22 2.18 0.00	32.81 2.23 0.00	33.55 2.31 0.00	34.21 2.39 0.00	37.63 2.63 0.00	38.53 2.89 0.00	39.72 3.15 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.44 4.40 0.00	70.28 4.23 0.00	65.99 3.62 0.00	58.83 3.49 0.00	43.92 2.45 0.00	38.33 1.93 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.13 1.87 0.00	37.77 1.59 0.00	34.46 1.61 0.00	33.82 1.52 0.00	33.54 1.44 0.00	35.35 1.33 0.00	39.91 1.72 0.00	39.69 1.85 0.00	36.64 1.88 0.00	34.86 1.82 0.00	32.42 1.83 0.00	33.12 1.87 0.00	33.79 1.97 0.00	37.20 2.20 0.00	38.04 2.39 0.00	39.21 2.63 0.00	46.51 3.24 0.00	54.53 3.61 0.00	64.76 3.72 0.00	69.55 3.50 0.00	65.37 2.99 0.00	58.16 2.82 0.00	43.59 2.12 0.00	38.07 1.67 0.00
EAST_HAMPTON___DIESEL 23722	41.66 3.40 0.00	38.39 2.21 0.00	34.86 2.00 0.00	34.34 2.04 0.00	34.25 2.15 0.00	36.14 2.11 0.00	41.25 3.06 0.00	41.28 3.44 0.00	38.49 3.72 0.00	37.00 3.96 0.00	34.31 3.73 0.00	34.99 3.75 0.00	35.60 3.78 0.00	39.86 4.37 -0.48	42.25 4.38 -2.21	45.93 4.35 -5.00	51.04 5.67 -2.12	61.01 6.52 -3.58	71.94 5.80 -5.10	69.75 3.70 0.00	64.31 1.94 0.00	58.60 3.26 0.00	49.58 3.36 -4.75	42.33 2.80 -3.13
EAST_POINT___SOLAR 323840	39.90 1.64 0.00	37.77 1.59 0.00	34.33 1.48 0.00	33.76 1.46 0.00	33.48 1.38 0.00	35.62 1.60 0.00	39.33 1.14 0.00	37.53 -0.30 0.00	33.52 -1.25 0.00	31.22 -1.82 0.00	28.78 -1.80 0.00	29.87 -1.37 0.00	30.39 -1.43 0.00	33.39 -1.61 0.00	33.94 -1.71 0.00	34.97 -1.61 0.00	41.71 -1.56 0.00	49.94 -0.97 0.00	62.75 1.71 0.00	70.22 4.16 0.00	66.43 4.05 0.00	58.83 3.49 0.00	43.96 2.49 0.00	38.29 1.89 0.00
EAST_PULASKI___ESR 323781	37.80 -0.46 0.00	35.71 -0.47 0.00	32.42 -0.43 0.00	31.92 -0.39 0.00	31.71 -0.38 0.00	33.75 -0.27 0.00	37.84 -0.34 0.00	37.53 -0.30 0.00	34.25 -0.52 0.00	32.54 -0.49 0.00	30.06 -0.52 0.00	30.68 -0.56 0.00	31.21 -0.61 0.00	34.37 -0.63 0.00	34.90 -0.75 0.00	35.70 -0.88 0.00	42.41 -1.13 -0.28	50.38 -1.17 -0.63	61.23 -0.80 -0.99	66.36 -0.60 -0.90	62.73 -0.50 -0.85	55.50 -0.61 -0.77	40.98 -0.50 0.00	35.97 -0.44 0.00
EAST_RIVER___1 323558	40.40 2.14 0.00	37.99 1.81 0.00	34.69 1.84 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.52 1.50 0.00	40.17 1.98 0.00	39.99 2.16 0.00	36.99 2.23 0.00	35.22 2.18 0.00	32.81 2.23 0.00	33.52 2.28 0.00	34.17 2.35 0.00	37.59 2.59 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.04 3.76 -0.02	55.14 4.22 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.80 3.43 0.00	58.60 3.26 0.00	43.84 2.36 0.00	38.29 1.89 0.00
EAST_RIVER___2 323559	40.44 2.18 0.00	38.02 1.84 0.00	34.72 1.87 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.52 1.50 0.00	40.21 2.02 0.00	39.99 2.16 0.00	36.99 2.23 0.00	35.22 2.18 0.00	32.81 2.23 0.00	33.55 2.31 0.00	34.21 2.39 0.00	37.63 2.63 0.00	38.53 2.89 0.00	39.72 3.15 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.44 4.40 0.00	70.28 4.23 0.00	65.99 3.62 0.00	58.83 3.49 0.00	43.92 2.45 0.00	38.33 1.93 0.00
EAST___DELAWARE_HYD 23607	39.94 1.68 0.00	37.52 1.34 0.00	34.17 1.32 0.00	33.53 1.23 0.00	33.22 1.12 0.00	35.08 1.06 0.00	39.60 1.41 0.00	39.13 1.29 0.00	36.09 1.32 0.00	34.16 1.12 0.00	31.71 1.13 0.00	32.43 1.19 0.00	33.09 1.27 0.00	36.47 1.47 0.00	37.29 1.64 0.00	38.44 1.86 0.00	45.60 2.33 0.00	53.86 2.95 0.00	64.46 3.42 0.00	69.49 3.43 0.00	65.43 3.06 0.00	58.05 2.71 0.00	43.34 1.87 0.00	37.82 1.42 0.00
EIGHT_POINT___WT_PWR 323820	36.67 -1.68 -0.09	36.41 -1.74 -1.96	31.24 -1.71 -0.09	30.65 -1.74 -0.09	30.52 -1.67 -0.09	32.72 -1.40 -0.09	70.13 -1.41 -33.35	36.72 -1.21 -0.09	37.82 -1.43 -4.48	31.58 -1.55 -0.09	29.15 -1.53 -0.09	31.09 -1.53 -1.38	33.36 -1.50 -3.03	60.21 -1.54 -26.75	60.59 -1.53 -26.47	65.91 -1.32 -30.65	94.69 -1.56 -52.98	108.15 -1.17 -58.41	133.56 -0.55 -73.07	115.38 0.20 -49.13	97.54 0.19 -34.98	81.81 -0.44 -26.91	40.72 -1.12 -0.37	36.72 -1.42 -1.74
ELBRIDGE_115KV_TB2 80188	37.57 -0.69 0.00	35.49 -0.69 0.00	32.23 -0.62 0.00	31.69 -0.61 0.00	31.49 -0.61 0.00	33.45 -0.58 0.00	37.54 -0.65 0.00	37.27 -0.57 0.00	34.18 -0.59 0.00	32.51 -0.53 0.00	30.06 -0.52 0.00	30.68 -0.56 0.00	31.25 -0.57 0.00	34.37 -0.63 0.00	34.97 -0.68 0.00	35.81 -0.77 0.00	42.27 -1.00 0.00	49.94 -0.97 0.00	60.19 -0.85 0.00	65.33 -0.73 0.00	61.69 -0.69 0.00	54.56 -0.77 0.00	40.69 -0.79 0.00	35.71 -0.69 0.00
ELEC_TRO_TEK 24086	40.67 2.41 0.00	37.81 1.63 0.00	34.36 1.51 0.00	33.76 1.45 0.00	33.51 1.41 0.00	35.28 1.26 0.00	40.02 1.83 0.00	39.84 2.01 0.00	36.92 2.16 0.00	35.25 2.21 0.00	32.75 2.17 0.00	33.52 2.28 0.00	34.27 2.45 0.00	38.35 2.87 -0.48	40.93 3.07 -2.21	44.91 3.33 -5.00	49.40 4.02 -2.12	79.13 4.63 -23.59	75.44 3.97 -10.43	69.83 3.77 -0.02	65.26 2.87 -0.02	58.12 2.77 -0.02	52.09 2.49 -8.12	43.79 2.04 -5.35
ELLENBURG_WT_PWR 323604	38.22 -0.04 0.00	36.18 0.00 0.00	32.72 -0.13 0.00	32.24 -0.06 0.00	32.06 -0.03 0.00	34.06 0.03 0.00	38.27 0.08 0.00	37.88 0.04 0.00	34.77 0.00 0.00	33.01 -0.03 0.00	30.52 -0.06 0.00	31.21 -0.03 0.00	31.76 -0.06 0.00	34.86 -0.14 0.00	35.51 -0.14 0.00	36.47 -0.11 0.00	43.17 -0.09 0.00	50.76 -0.15 0.00	60.92 -0.12 0.00	66.12 0.07 0.00	62.56 0.19 0.00	55.28 -0.06 0.00	41.64 0.17 0.00	36.51 0.11 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.37 -3.86 0.03	31.79 -3.84 0.55	29.24 -3.58 0.03	28.76 -3.52 0.03	28.57 -3.50 0.03	30.56 -3.44 0.03	25.65 -3.59 8.95	34.71 -3.10 0.03	30.66 -2.85 1.26	30.40 -2.61 0.03	28.05 -2.51 0.03	28.26 -2.59 0.39	28.26 -2.70 0.85	24.57 -2.90 7.52	25.24 -2.96 7.44	25.46 -2.89 8.23	24.52 -3.59 15.16	29.41 -3.77 17.73	34.39 -4.15 22.50	45.92 -4.23 15.90	45.83 -4.55 11.99	41.15 -4.54 9.66	37.39 -3.98 0.10	32.16 -3.75 0.49
EMPIRE_CC_1 323656	39.37 1.11 0.00	37.23 1.05 0.00	33.93 1.08 0.00	33.34 1.03 0.00	32.99 0.90 0.00	34.94 0.92 0.00	39.18 0.99 0.00	38.63 0.80 0.00	35.53 0.76 0.00	33.80 0.76 0.00	31.25 0.67 0.00	31.96 0.72 0.00	32.52 0.70 0.00	35.77 0.77 0.00	36.50 0.85 0.00	37.57 0.99 0.00	44.65 1.38 0.00	52.44 1.53 0.00	62.63 1.58 0.00	67.64 1.58 0.00	63.99 1.62 0.00	57.00 1.66 0.00	42.80 1.33 0.00	37.49 1.09 0.00
EMPIRE_CC_2 323658	39.37 1.11 0.00	37.23 1.05 0.00	33.93 1.08 0.00	33.34 1.03 0.00	32.99 0.90 0.00	34.94 0.92 0.00	39.18 0.99 0.00	38.63 0.80 0.00	35.53 0.76 0.00	33.80 0.76 0.00	31.25 0.67 0.00	31.96 0.72 0.00	32.52 0.70 0.00	35.77 0.77 0.00	36.50 0.85 0.00	37.57 0.99 0.00	44.65 1.38 0.00	52.44 1.53 0.00	62.63 1.58 0.00	67.64 1.58 0.00	63.99 1.62 0.00	57.00 1.66 0.00	42.80 1.33 0.00	37.49 1.09 0.00
ENORWICH_115KV_TB1 80156	39.95 1.68 -0.01	37.79 1.48 -0.13	34.21 1.35 -0.01	33.60 1.29 -0.01	33.35 1.25 -0.01	35.73 1.70 -0.01	42.26 1.83 -2.24	39.47 1.63 -0.01	35.87 0.80 -0.30	33.48 0.43 -0.01	30.71 0.12 -0.01	31.68 0.34 -0.09	32.28 0.25 -0.20	37.13 0.35 -1.78	37.66 0.25 -1.76	38.93 0.29 -2.06	47.17 0.52 -3.39	55.87 1.43 -3.53	68.94 3.60 -4.30	73.02 4.23 -2.74	68.19 3.99 -1.82	59.87 3.21 -1.32	43.57 2.07 -0.02	37.94 1.42 -0.12
ERIE_ST__34_KV_TB1-2 80199	35.29 -2.95 0.02	32.85 -2.82 0.51	29.97 -2.86 0.02	29.37 -2.91 0.02	29.22 -2.86 0.02	31.55 -2.45 0.02	27.36 -2.48 8.35	35.88 -1.93 0.02	31.77 -1.84 1.16	30.77 -2.25 0.02	28.42 -2.14 0.02	29.29 -1.59 0.36	29.32 -1.72 0.78	26.31 -1.82 6.87	26.99 -1.85 6.80	27.18 -1.72 7.68	26.98 -2.12 14.16	32.32 -1.99 16.61	37.91 -1.95 21.18	49.22 -1.85 14.99	48.69 -2.37 11.32	43.53 -2.71 9.10	38.77 -2.65 0.05	33.33 -2.62 0.45
ERIE_WT_PWR 323693	34.67 -3.56 0.03	32.12 -3.51 0.55	29.51 -3.32 0.03	29.02 -3.26 0.03	28.83 -3.24 0.03	30.90 -3.10 0.03	25.91 -3.28 8.99	35.09 -2.72 0.03	30.95 -2.57 1.25	30.53 -2.48 0.03	28.20 -2.35 0.03	28.45 -2.41 0.39	28.49 -2.48 0.84	24.95 -2.63 7.43	25.62 -2.67 7.35	25.75 -2.56 8.26	24.92 -3.16 15.19	29.90 -3.26 17.75	35.02 -3.42 22.60	46.66 -3.44 15.95	46.55 -3.81 12.01	41.76 -3.93 9.65	37.81 -3.57 0.10	32.53 -3.38 0.49
ESPRGFLD_115KV_TB1 80157	39.44 1.19 0.00	37.27 1.09 0.00	33.80 0.95 0.00	33.24 0.94 0.00	32.96 0.87 0.00	35.22 1.19 0.00	39.38 1.18 -0.01	38.44 0.61 0.00	34.66 -0.10 0.00	32.54 -0.50 0.00	29.91 -0.67 0.00	30.87 -0.37 0.00	31.34 -0.48 0.00	34.51 -0.49 0.00	35.08 -0.57 0.00	36.11 -0.48 -0.01	42.89 -0.39 -0.02	51.19 0.25 -0.02	63.33 2.26 -0.03	69.51 3.43 -0.02	65.63 3.24 -0.01	57.95 2.60 -0.01	43.26 1.78 0.00	37.64 1.24 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.53 0.27 -0.01	36.55 0.18 -0.19	33.03 0.16 -0.01	32.44 0.13 -0.01	32.20 0.10 -0.01	34.31 0.27 -0.01	41.73 0.31 -3.24	38.19 0.34 -0.01	35.27 0.07 -0.43	32.98 -0.07 -0.01	30.44 -0.15 -0.01	31.25 -0.12 -0.13	31.99 -0.13 -0.29	37.48 -0.10 -2.58	38.10 -0.11 -2.56	39.48 -0.07 -2.98	48.15 -0.09 -4.98	56.51 0.31 -5.29	68.52 0.98 -6.50	71.66 1.39 -4.22	66.63 1.37 -2.88	58.42 0.94 -2.14	41.92 0.41 -0.03	36.75 0.18 -0.17
ETNA____115KV_TB2 80207	38.53 0.27 -0.01	36.55 0.18 -0.19	33.03 0.16 -0.01	32.44 0.13 -0.01	32.20 0.10 -0.01	34.31 0.27 -0.01	41.73 0.31 -3.24	38.19 0.34 -0.01	35.27 0.07 -0.43	32.98 -0.07 -0.01	30.44 -0.15 -0.01	31.25 -0.12 -0.13	31.99 -0.13 -0.29	37.48 -0.10 -2.58	38.10 -0.11 -2.56	39.48 -0.07 -2.98	48.15 -0.09 -4.98	56.51 0.31 -5.29	68.52 0.98 -6.50	71.66 1.39 -4.22	66.63 1.37 -2.88	58.42 0.94 -2.14	41.92 0.41 -0.03	36.75 0.18 -0.17
EUCLID___115KV_TB2 356179	37.38 -0.88 0.00	35.31 -0.87 0.00	32.10 -0.76 0.00	31.56 -0.74 0.00	31.33 -0.77 0.00	33.28 -0.75 0.00	37.35 -0.84 0.00	37.12 -0.72 0.00	34.04 -0.73 0.00	32.41 -0.63 0.00	30.00 -0.58 0.00	30.59 -0.66 0.00	31.15 -0.67 0.00	34.26 -0.73 0.00	34.86 -0.78 0.00	35.70 -0.88 0.00	41.63 -1.17 0.46	48.65 -1.22 1.04	58.19 -1.22 1.63	63.37 -1.19 1.49	59.79 -1.19 1.40	52.90 -1.16 1.27	40.43 -1.04 0.00	35.53 -0.87 0.00
E_CANADA_CAP_HY 24051	39.40 1.15 0.00	37.30 1.12 0.00	33.90 1.05 0.00	33.31 1.00 0.00	33.06 0.96 0.00	35.18 1.16 0.00	39.14 0.96 0.00	37.91 0.08 0.00	34.18 -0.59 0.00	31.98 -1.06 0.00	29.45 -1.13 0.00	30.40 -0.84 0.00	30.87 -0.95 0.00	33.95 -1.05 0.00	34.58 -1.07 0.00	35.63 -0.95 0.00	42.35 -0.91 0.00	50.56 -0.35 0.00	62.50 1.46 0.00	69.09 3.04 0.00	65.37 2.99 0.00	57.89 2.55 0.00	43.34 1.87 0.00	37.75 1.35 0.00
E_CANADA_MHWK_HY 24050	39.44 1.19 0.00	37.34 1.16 0.00	33.93 1.08 0.00	33.40 1.10 0.00	33.19 1.09 0.00	35.22 1.19 0.00	39.56 1.37 0.00	39.16 1.32 0.00	35.95 1.18 0.00	34.13 1.09 0.00	31.59 1.01 0.00	32.27 1.03 0.00	32.87 1.05 0.00	36.12 1.12 0.00	36.79 1.14 0.00	37.75 1.17 0.00	44.56 1.30 0.00	52.49 1.58 0.00	63.12 2.08 0.00	68.30 2.25 0.00	64.50 2.12 0.00	57.27 1.94 0.00	43.01 1.54 0.00	37.71 1.31 0.00
E_FISHKILL___LBMP 23776	39.90 1.64 0.00	37.56 1.37 0.00	34.26 1.41 0.00	33.63 1.32 0.00	33.35 1.25 0.00	35.15 1.12 0.00	39.68 1.49 0.00	39.35 1.51 0.00	36.37 1.60 0.00	34.56 1.52 0.00	32.14 1.56 0.00	32.80 1.56 0.00	33.47 1.65 0.00	36.85 1.85 0.00	37.68 2.03 0.00	38.85 2.27 0.00	46.03 2.77 0.00	53.97 3.05 0.00	64.22 3.17 0.00	68.96 2.91 0.00	64.87 2.49 0.00	57.77 2.43 0.00	43.26 1.78 0.00	37.82 1.42 0.00
FALCON___SEABRD_CC1 323796	38.60 0.34 0.00	36.54 0.36 0.00	33.02 0.17 0.00	32.53 0.23 0.00	32.38 0.29 0.00	34.37 0.34 0.00	38.65 0.46 0.00	38.29 0.46 0.00	35.15 0.38 0.00	33.34 0.30 0.00	30.82 0.24 0.00	31.52 0.28 0.00	32.11 0.29 0.00	35.25 0.25 0.00	35.90 0.25 0.00	36.84 0.26 0.00	43.69 0.43 0.00	51.32 0.41 0.00	61.65 0.61 0.00	66.98 0.92 0.00	63.43 1.06 0.00	55.89 0.55 0.00	42.13 0.66 0.00	36.95 0.55 0.00
FALCON___SEABRD_CC2 323797	38.60 0.34 0.00	36.54 0.36 0.00	33.02 0.17 0.00	32.53 0.23 0.00	32.38 0.29 0.00	34.37 0.34 0.00	38.65 0.46 0.00	38.29 0.46 0.00	35.15 0.38 0.00	33.34 0.30 0.00	30.82 0.24 0.00	31.52 0.28 0.00	32.11 0.29 0.00	35.25 0.25 0.00	35.90 0.25 0.00	36.84 0.26 0.00	43.69 0.43 0.00	51.32 0.41 0.00	61.65 0.61 0.00	66.98 0.92 0.00	63.43 1.06 0.00	55.89 0.55 0.00	42.13 0.66 0.00	36.95 0.55 0.00

FAR ROCKAWAY___4 23548	41.20 2.95 0.00	38.24 2.06 0.00	34.72 1.87 0.00	34.11 1.81 0.00	33.83 1.73 0.00	35.66 1.63 0.00	40.48 2.29 0.00	40.26 2.42 0.00	37.31 2.54 0.00	35.65 2.61 0.00	33.12 2.54 0.00	33.90 2.66 0.00	34.65 2.83 0.00	38.77 3.29 -0.48	41.39 3.53 -2.21	45.42 3.84 -5.00	50.09 4.72 -2.12	107.32 5.55 -50.86	86.08 5.13 -19.91	71.05 4.95 -0.04	66.41 3.99 -0.04	59.03 3.65 -0.04	52.91 3.03 -8.41	44.45 2.51 -5.54
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.40 2.14 0.00	37.99 1.81 0.00	34.69 1.84 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.52 1.50 0.00	40.21 2.02 0.00	40.03 2.19 0.00	36.99 2.23 0.00	35.22 2.18 0.00	32.81 2.23 0.00	33.49 2.25 0.00	34.17 2.35 0.00	37.62 2.62 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.08 3.81 -0.02	55.14 4.23 0.00	65.37 4.33 0.00	70.15 4.10 0.00	65.81 3.43 0.00	58.60 3.27 0.00	43.84 2.36 0.00	38.29 1.89 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.40 2.14 0.00	37.99 1.81 0.00	34.69 1.84 0.00	34.05 1.74 0.00	33.76 1.67 0.00	35.52 1.50 0.00	40.21 2.02 0.00	40.03 2.19 0.00	36.99 2.23 0.00	35.22 2.18 0.00	32.81 2.23 0.00	33.49 2.25 0.00	34.17 2.35 0.00	37.62 2.62 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.08 3.81 -0.02	55.14 4.23 0.00	65.37 4.33 0.00	70.15 4.10 0.00	65.87 3.49 0.00	58.66 3.32 0.00	43.84 2.36 0.00	38.29 1.89 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.36 2.10 0.00	37.95 1.77 0.00	34.66 1.81 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.52 1.50 0.00	40.18 1.99 0.00	40.03 2.19 0.00	36.99 2.23 0.00	35.22 2.18 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.17 2.35 0.00	37.59 2.59 0.00	38.50 2.85 0.00	39.65 3.07 0.00	47.04 3.76 -0.02	55.14 4.23 0.00	65.31 4.27 0.00	70.08 4.03 0.00	65.81 3.43 0.00	58.60 3.27 0.00	43.84 2.36 0.00	38.26 1.86 0.00
FARRAGUT___LBMP 323566	40.36 2.10 0.00	37.95 1.77 0.00	34.66 1.81 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.14 1.95 0.00	39.99 2.16 0.00	36.96 2.19 0.00	35.19 2.15 0.00	32.75 2.17 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.17 0.00	65.25 4.21 0.00	70.02 3.96 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.80 2.32 0.00	38.26 1.86 0.00
FARRCKWY_69_KV_BK2 55825	41.20 2.95 0.00	38.24 2.06 0.00	34.72 1.87 0.00	34.11 1.81 0.00	33.83 1.73 0.00	35.66 1.63 0.00	40.48 2.29 0.00	40.26 2.42 0.00	37.31 2.54 0.00	35.65 2.61 0.00	33.12 2.54 0.00	33.90 2.66 0.00	34.65 2.83 0.00	38.77 3.29 -0.48	41.39 3.53 -2.21	45.42 3.84 -5.00	50.09 4.72 -2.12	107.32 5.55 -50.86	86.08 5.13 -19.91	71.05 4.95 -0.04	66.41 3.99 -0.04	59.03 3.65 -0.04	52.91 3.03 -8.41	44.45 2.51 -5.54
FENNER___WINDPWR 24204	38.60 0.34 0.00	36.47 0.29 0.00	33.11 0.26 0.00	32.56 0.26 0.00	32.32 0.23 0.00	34.40 0.37 0.00	38.61 0.42 0.00	38.22 0.38 0.00	34.91 0.14 0.00	33.14 0.10 0.00	30.61 0.03 0.00	31.27 0.03 0.00	31.85 0.03 0.00	35.07 0.07 0.00	35.65 0.00 0.00	36.58 0.00 0.00	43.05 0.00 0.21	50.64 0.20 0.47	61.09 0.79 0.74	66.43 1.05 0.68	62.73 0.99 0.64	55.54 0.77 0.58	41.93 0.46 0.00	36.73 0.33 0.00
FIBERTEK___ENERGY 23856	37.80 -0.46 0.00	35.71 -0.47 0.00	32.42 -0.43 0.00	31.88 -0.42 0.00	31.68 -0.42 0.00	33.65 -0.37 0.00	37.77 -0.42 0.00	37.50 -0.34 0.00	34.38 -0.38 0.00	32.71 -0.33 0.00	30.24 -0.34 0.00	30.87 -0.37 0.00	31.44 -0.38 0.00	34.58 -0.42 0.00	35.18 -0.46 0.00	36.07 -0.51 0.00	42.53 -0.74 0.00	50.30 -0.61 0.00	60.55 -0.49 0.00	65.72 -0.33 0.00	62.13 -0.25 0.00	54.90 -0.44 0.00	40.93 -0.54 0.00	35.93 -0.47 0.00
FITZPATRICK___ 23598	36.99 -1.26 0.00	35.02 -1.16 0.00	31.80 -1.05 0.00	31.27 -1.04 0.00	31.07 -1.03 0.00	32.97 -1.06 0.00	36.97 -1.22 0.00	36.74 -1.10 0.00	33.73 -1.04 0.00	32.08 -0.96 0.00	29.66 -0.92 0.00	30.27 -0.97 0.00	30.83 -0.99 0.00	33.91 -1.09 0.00	34.51 -1.14 0.00	35.23 -1.35 0.00	41.57 -1.69 0.00	49.03 -1.88 0.00	58.97 -2.08 0.00	63.88 -2.18 0.00	60.32 -2.06 0.00	53.40 -1.94 0.00	39.94 -1.53 0.00	35.16 -1.24 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.36 2.10 0.00	37.95 1.77 0.00	34.59 1.74 0.00	33.95 1.65 0.00	33.60 1.51 0.00	35.45 1.43 0.00	40.06 1.87 0.00	39.58 1.74 0.00	36.54 1.77 0.00	34.59 1.55 0.00	32.14 1.56 0.00	32.80 1.56 0.00	33.51 1.69 0.00	36.92 1.92 0.00	37.79 2.14 0.00	38.99 2.41 0.00	46.25 2.99 0.00	54.53 3.61 0.00	65.07 4.03 0.00	70.15 4.10 0.00	65.93 3.56 0.00	58.60 3.27 0.00	43.80 2.32 0.00	38.22 1.82 0.00
FORT ORANGE___ 23900	39.14 0.88 0.00	37.01 0.83 0.00	33.74 0.89 0.00	33.14 0.84 0.00	32.80 0.71 0.00	34.74 0.72 0.00	38.91 0.72 0.00	38.25 0.42 0.00	35.15 0.38 0.00	33.27 0.23 0.00	30.80 0.22 0.00	31.56 0.31 0.00	32.11 0.29 0.00	35.31 0.31 0.00	36.04 0.39 0.00	37.13 0.55 0.00	44.13 0.86 0.00	51.78 0.86 0.00	62.08 1.04 0.00	67.37 1.32 0.00	63.62 1.25 0.00	56.66 1.33 0.00	42.55 1.08 0.00	37.31 0.91 0.00
FORT_DRUM_COGEN 23780	39.02 0.77 0.00	36.80 0.62 0.00	33.41 0.56 0.00	33.01 0.71 0.00	32.77 0.67 0.00	35.05 1.02 0.00	39.33 1.15 0.00	38.78 0.95 0.00	34.94 0.17 0.00	33.17 0.13 0.00	30.49 -0.09 0.00	31.18 -0.06 0.00	31.63 -0.19 0.00	34.79 -0.21 0.00	35.18 -0.46 0.00	35.99 -0.59 0.00	42.66 -0.61 0.00	50.56 -0.36 0.00	62.26 1.22 0.00	67.77 1.72 0.00	64.25 1.87 0.00	56.94 1.60 0.00	42.72 1.24 0.00	37.27 0.87 0.00
FOX_HILLS___ESR 323835	40.56 2.30 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.91 1.72 0.00	39.73 1.89 0.00	36.71 1.95 0.00	34.99 1.95 0.00	32.66 2.08 0.00	33.40 2.15 0.00	34.08 2.26 0.00	37.48 2.49 0.00	38.43 2.78 0.00	39.65 3.07 0.00	47.09 3.81 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
FPL_FAR_ROCK_GT1 24212	41.16 2.91 0.00	38.24 2.06 0.00	34.72 1.87 0.00	34.11 1.81 0.00	33.83 1.73 0.00	35.66 1.63 0.00	40.48 2.29 0.00	40.26 2.42 0.00	37.30 2.54 0.00	35.65 2.61 0.00	33.15 2.57 0.00	33.96 2.72 0.00	34.65 2.83 0.00	38.77 3.29 -0.48	41.39 3.53 -2.21	45.43 3.84 -5.01	50.10 4.72 -2.12	107.33 5.55 -50.86	86.08 5.13 -19.91	71.05 4.96 -0.04	66.41 4.00 -0.04	59.03 3.65 -0.04	52.91 3.03 -8.41	44.45 2.51 -5.54
FPL_FAR_ROCK_GT2 23815	41.16 2.91 0.00	38.24 2.06 0.00	34.72 1.87 0.00	34.11 1.81 0.00	33.83 1.73 0.00	35.66 1.63 0.00	40.48 2.29 0.00	40.26 2.42 0.00	37.30 2.54 0.00	35.65 2.61 0.00	33.15 2.57 0.00	33.96 2.72 0.00	34.65 2.83 0.00	38.77 3.29 -0.48	41.39 3.53 -2.21	45.43 3.84 -5.01	50.10 4.72 -2.12	107.33 5.55 -50.86	86.08 5.13 -19.91	71.05 4.96 -0.04	66.41 4.00 -0.04	59.03 3.65 -0.04	52.91 3.03 -8.41	44.45 2.51 -5.54



FRANKLIN_FALL_HYD 24054	38.45 0.19 0.00	36.40 0.22 0.00	32.85 0.00 0.00	32.40 0.10 0.00	32.22 0.13 0.00	34.26 0.24 0.00	38.57 0.38 0.00	38.10 0.26 0.00	34.94 0.17 0.00	33.11 0.07 0.00	30.64 0.06 0.00	31.34 0.09 0.00	31.92 0.10 0.00	35.03 0.03 0.00	35.61 -0.04 0.00	36.54 -0.04 0.00	43.30 0.04 0.00	50.86 -0.05 0.00	61.22 0.18 0.00	66.58 0.53 0.00	63.25 0.87 0.00	55.56 0.22 0.00	41.97 0.50 0.00	36.84 0.44 0.00
FREEPORT_EQUS_GT1 23764	41.09 2.83 0.00	38.10 1.92 0.00	34.59 1.74 0.00	33.98 1.68 0.00	33.73 1.64 0.00	35.52 1.50 0.00	40.33 2.14 0.00	40.18 2.35 0.00	37.24 2.47 0.00	35.58 2.54 0.00	33.06 2.48 0.00	33.87 2.62 0.00	34.59 2.77 0.00	38.74 3.26 -0.48	41.32 3.46 -2.21	45.32 3.73 -5.01	49.92 4.54 -2.12	76.61 5.20 -20.51	73.93 4.58 -8.31	70.30 4.23 -0.01	65.63 3.24 -0.01	58.50 3.15 -0.01	50.46 2.86 -6.13	42.84 2.40 -4.03
FREEPORT___CT2 23818	41.09 2.83 0.00	38.10 1.92 0.00	34.59 1.74 0.00	33.98 1.68 0.00	33.73 1.64 0.00	35.52 1.50 0.00	40.33 2.14 0.00	40.18 2.35 0.00	37.24 2.47 0.00	35.58 2.54 0.00	33.06 2.48 0.00	33.87 2.62 0.00	34.59 2.77 0.00	38.74 3.26 -0.48	41.32 3.46 -2.21	45.32 3.73 -5.01	49.92 4.54 -2.12	76.61 5.20 -20.51	73.93 4.58 -8.31	70.30 4.23 -0.01	65.63 3.24 -0.01	58.50 3.15 -0.01	50.46 2.86 -6.13	42.84 2.40 -4.03
FRESHKLS_33_KV_LOAD 356253	40.68 2.41 -0.01	38.17 1.99 0.00	34.86 2.00 0.00	34.14 1.84 0.00	33.83 1.73 0.00	35.45 1.43 0.00	39.98 1.80 0.00	39.77 1.93 0.00	36.75 1.98 0.00	35.02 1.98 0.00	32.69 2.11 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.72 3.15 0.00	47.21 3.94 -0.02	55.39 4.48 0.00	65.62 4.58 0.00	70.34 4.29 0.00	65.93 3.55 0.00	58.72 3.38 0.00	43.92 2.45 0.00	38.40 2.00 0.00
FULTON COGEN____ 23766	37.38 -0.88 0.00	35.35 -0.83 0.00	32.10 -0.76 0.00	31.56 -0.74 0.00	31.36 -0.74 0.00	33.31 -0.71 0.00	37.35 -0.84 0.00	37.12 -0.72 0.00	34.04 -0.73 0.00	32.38 -0.66 0.00	29.94 -0.64 0.00	30.56 -0.69 0.00	31.09 -0.73 0.00	34.23 -0.77 0.00	34.79 -0.86 0.00	35.59 -0.99 0.00	42.40 -1.25 -0.40	50.49 -1.32 -0.90	61.17 -1.28 -1.41	66.09 -1.26 -1.29	62.41 -1.19 -1.22	55.28 -1.16 -1.10	40.44 -1.04 0.00	35.53 -0.87 0.00
FULTON___LFGE 323630	39.75 1.49 0.00	37.63 1.45 0.00	34.23 1.38 0.00	33.66 1.36 0.00	33.38 1.29 0.00	35.49 1.46 0.00	39.45 1.26 0.00	38.14 0.30 0.00	34.35 -0.42 0.00	32.11 -0.92 0.00	29.57 -1.01 0.00	30.53 -0.72 0.00	30.99 -0.83 0.00	34.09 -0.91 0.00	34.76 -0.89 0.00	35.85 -0.73 0.00	42.74 -0.52 0.00	50.96 0.05 0.00	62.81 1.77 0.00	69.62 3.56 0.00	65.93 3.55 0.00	58.44 3.10 0.00	43.71 2.24 0.00	38.11 1.71 0.00
G.F.CEMENT___DRP 24184	39.79 1.53 0.00	37.66 1.48 0.00	34.30 1.45 0.00	33.73 1.42 0.00	33.38 1.28 0.00	35.42 1.40 0.00	39.64 1.45 0.00	38.78 0.95 0.00	35.43 0.66 0.00	33.34 0.30 0.00	30.73 0.15 0.00	31.56 0.31 0.00	31.95 0.13 0.00	35.03 0.03 0.00	35.68 0.04 0.00	37.13 0.55 0.00	44.34 1.08 0.00	52.54 1.63 0.00	63.67 2.62 0.00	70.08 4.03 0.00	66.18 3.80 0.00	58.83 3.49 0.00	44.00 2.53 0.00	38.44 2.04 0.00
GARDENVILLE___LBMP 24039	34.55 -3.67 0.03	31.96 -3.62 0.60	29.41 -3.42 0.03	28.92 -3.36 0.03	28.73 -3.34 0.03	30.76 -3.23 0.03	24.94 -3.36 9.89	34.93 -2.88 0.03	30.75 -2.64 1.37	30.47 -2.54 0.03	28.11 -2.45 0.03	28.38 -2.44 0.42	28.34 -2.55 0.93	24.08 -2.73 8.19	24.76 -2.78 8.11	24.82 -2.67 9.09	23.37 -3.29 16.61	28.17 -3.41 19.33	32.73 -3.72 24.58	45.06 -3.70 17.30	45.34 -4.05 12.98	40.78 -4.15 10.40	37.67 -3.69 0.11	32.37 -3.49 0.54
GARDNVLA_35_KV_LD 355827	34.71 -3.52 0.03	32.14 -3.51 0.53	29.54 -3.29 0.03	29.05 -3.23 0.03	28.86 -3.21 0.03	30.94 -3.06 0.03	26.28 -3.25 8.66	35.16 -2.65 0.03	31.03 -2.54 1.20	30.64 -2.38 0.03	28.26 -2.29 0.03	28.65 -2.22 0.37	28.59 -2.42 0.81	25.27 -2.59 7.14	25.94 -2.64 7.07	26.10 -2.52 7.96	25.53 -3.07 14.66	30.59 -3.16 17.16	35.88 -3.30 21.86	47.30 -3.30 15.45	47.04 -3.68 11.66	42.09 -3.87 9.37	37.94 -3.44 0.09	32.58 -3.35 0.47
GELCKHM___115KV_LOAD 80723	37.53 -0.73 0.00	35.46 -0.72 0.00	32.23 -0.62 0.00	31.66 -0.65 0.00	31.45 -0.64 0.00	33.41 -0.61 0.00	37.50 -0.69 0.00	37.27 -0.57 0.00	34.18 -0.59 0.00	32.51 -0.53 0.00	30.09 -0.49 0.00	30.68 -0.56 0.00	31.25 -0.57 0.00	34.40 -0.59 0.00	35.01 -0.64 0.00	35.81 -0.77 0.00	41.93 -1.00 0.33	49.19 -0.97 0.76	58.94 -0.92 1.18	64.11 -0.86 1.08	60.54 -0.81 1.02	53.53 -0.89 0.93	40.60 -0.87 0.00	35.67 -0.73 0.00
GENERAL___MILLS 23808	34.67 -3.56 0.03	32.12 -3.51 0.55	29.51 -3.32 0.03	28.98 -3.30 0.03	28.83 -3.24 0.03	30.87 -3.13 0.03	25.91 -3.28 8.99	35.09 -2.72 0.03	30.95 -2.57 1.25	30.57 -2.44 0.03	28.20 -2.35 0.03	28.58 -2.28 0.39	28.52 -2.45 0.84	24.95 -2.62 7.43	25.62 -2.67 7.35	25.75 -2.56 8.26	24.92 -3.16 15.19	29.90 -3.26 17.75	34.96 -3.48 22.60	46.66 -3.43 15.95	46.56 -3.80 12.01	41.76 -3.93 9.65	37.85 -3.53 0.10	32.53 -3.39 0.49
GE_PLASTICS___DRP 24183	38.94 0.69 0.00	36.87 0.69 0.00	33.57 0.72 0.00	32.98 0.68 0.00	32.71 0.61 0.00	34.60 0.58 0.00	38.76 0.57 0.00	38.29 0.45 0.00	35.22 0.45 0.00	33.40 0.36 0.00	30.95 0.37 0.00	31.65 0.41 0.00	32.23 0.41 0.00	35.45 0.45 0.00	36.18 0.53 0.00	37.24 0.66 0.00	44.13 0.87 0.00	51.78 0.87 0.00	61.96 0.92 0.00	66.98 0.92 0.00	63.25 0.87 0.00	56.34 1.00 0.00	42.30 0.83 0.00	37.09 0.69 0.00
GILBOA___1 23756	39.02 0.76 0.00	37.09 0.90 0.00	33.77 0.92 0.00	33.18 0.87 0.00	32.90 0.80 0.00	34.81 0.78 0.00	38.84 0.65 0.00	38.48 0.64 0.00	35.43 0.66 0.00	33.67 0.63 0.00	31.19 0.61 0.00	31.90 0.66 0.00	32.49 0.67 0.00	35.74 0.74 0.00	36.47 0.82 0.00	37.53 0.95 0.00	44.38 1.12 0.00	52.13 1.22 0.00	62.20 1.16 0.00	67.05 0.99 0.00	63.37 0.99 0.00	56.45 1.11 0.00	42.30 0.83 0.00	37.06 0.66 0.00
GILBOA___2 23757	39.02 0.76 0.00	37.09 0.90 0.00	33.77 0.92 0.00	33.18 0.87 0.00	32.90 0.80 0.00	34.81 0.78 0.00	38.84 0.65 0.00	38.48 0.64 0.00	35.43 0.66 0.00	33.67 0.63 0.00	31.19 0.61 0.00	31.90 0.66 0.00	32.49 0.67 0.00	35.74 0.74 0.00	36.47 0.82 0.00	37.53 0.95 0.00	44.38 1.12 0.00	52.13 1.22 0.00	62.20 1.16 0.00	67.05 0.99 0.00	63.37 0.99 0.00	56.45 1.11 0.00	42.30 0.83 0.00	37.06 0.66 0.00
GILBOA___3 23758	39.02 0.76 0.00	37.09 0.90 0.00	33.77 0.92 0.00	33.18 0.87 0.00	32.90 0.80 0.00	34.81 0.78 0.00	38.84 0.65 0.00	38.48 0.64 0.00	35.43 0.66 0.00	33.67 0.63 0.00	31.19 0.61 0.00	31.90 0.66 0.00	32.49 0.67 0.00	35.74 0.74 0.00	36.47 0.82 0.00	37.53 0.95 0.00	44.38 1.12 0.00	52.13 1.22 0.00	62.20 1.16 0.00	67.05 0.99 0.00	63.37 0.99 0.00	56.45 1.11 0.00	42.30 0.83 0.00	37.06 0.66 0.00

GILBOA___4 23759	39.02 0.76 0.00	37.09 0.90 0.00	33.77 0.92 0.00	33.18 0.87 0.00	32.90 0.80 0.00	34.81 0.78 0.00	38.84 0.65 0.00	38.48 0.64 0.00	35.43 0.66 0.00	33.67 0.63 0.00	31.19 0.61 0.00	31.90 0.66 0.00	32.49 0.67 0.00	35.74 0.74 0.00	36.47 0.82 0.00	37.53 0.95 0.00	44.38 1.12 0.00	52.13 1.22 0.00	62.20 1.16 0.00	67.05 0.99 0.00	63.37 0.99 0.00	56.45 1.11 0.00	42.30 0.83 0.00	37.06 0.66 0.00
GILBOA____ 23599	39.02 0.77 0.00	37.08 0.90 0.00	33.77 0.92 0.00	33.18 0.87 0.00	32.90 0.80 0.00	34.81 0.78 0.00	38.84 0.65 0.00	38.48 0.64 0.00	35.43 0.66 0.00	33.67 0.63 0.00	31.19 0.61 0.00	31.87 0.62 0.00	32.49 0.67 0.00	35.73 0.73 0.00	36.47 0.82 0.00	37.53 0.95 0.00	44.39 1.12 0.00	52.13 1.22 0.00	62.20 1.16 0.00	67.04 0.99 0.00	63.37 1.00 0.00	56.45 1.11 0.00	42.30 0.83 0.00	37.06 0.66 0.00
GINNA____ 23603	34.46 -3.79 0.00	32.25 -3.84 0.10	29.43 -3.42 0.00	29.00 -3.30 0.00	28.85 -3.24 0.00	30.55 -3.47 0.00	32.79 -3.70 1.70	34.47 -3.37 0.00	31.34 -3.20 0.23	30.39 -2.64 0.00	28.01 -2.57 0.00	28.30 -2.87 0.07	28.77 -2.90 0.15	30.50 -3.15 1.35	31.00 -3.31 1.34	31.65 -3.36 1.56	35.49 -4.20 3.57	41.42 -4.53 4.96	49.42 -4.82 6.80	55.84 -4.89 5.32	52.94 -4.99 4.44	46.69 -4.87 3.78	37.43 -4.02 0.02	32.60 -3.71 0.09
GLEN PARK____ 23778	39.17 0.92 0.00	36.94 0.76 0.00	33.54 0.69 0.00	33.11 0.81 0.00	32.86 0.77 0.00	35.15 1.12 0.00	39.45 1.26 0.00	38.90 1.06 0.00	35.01 0.25 0.00	33.21 0.17 0.00	30.52 -0.06 0.00	31.21 -0.03 0.00	31.66 -0.16 0.00	34.83 -0.17 0.00	35.22 -0.43 0.00	36.03 -0.55 0.00	42.70 -0.56 0.00	50.66 -0.25 0.00	62.50 1.46 0.00	68.03 1.98 0.00	64.50 2.12 0.00	57.16 1.82 0.00	42.88 1.41 0.00	37.38 0.98 0.00
GLENDALE_27_KV_LOAD 356172	40.51 2.26 0.00	38.10 1.92 0.00	34.79 1.94 0.00	34.15 1.84 0.00	33.83 1.73 0.00	35.56 1.53 0.00	40.21 2.02 0.00	40.07 2.23 0.00	37.10 2.33 0.00	35.32 2.28 0.00	32.94 2.35 0.00	33.62 2.37 0.00	34.33 2.51 0.00	37.73 2.73 0.00	38.64 2.99 0.00	39.83 3.26 0.00	47.26 3.98 -0.02	55.39 4.48 0.00	65.56 4.52 0.00	70.28 4.23 0.00	65.93 3.56 0.00	58.66 3.32 0.00	43.92 2.45 0.00	38.37 1.97 0.00
GLENWOOD_IC_1_G5 23712	40.67 2.41 0.00	37.95 1.77 0.00	34.56 1.71 0.00	33.92 1.62 0.00	33.64 1.54 0.00	35.45 1.43 0.00	40.18 1.99 0.00	39.96 2.12 0.00	36.99 2.23 0.00	35.29 2.25 0.00	32.81 2.23 0.00	33.55 2.31 0.00	34.27 2.45 0.00	38.32 2.83 -0.48	40.93 3.07 -2.21	44.91 3.33 -5.00	49.44 4.07 -2.12	70.88 4.48 -15.48	72.34 4.03 -7.27	69.76 3.70 -0.01	65.50 3.12 -0.01	58.50 3.15 -0.01	51.57 2.61 -7.48	43.47 2.15 -4.93
GLENWOOD_IC_2_G1 23688	40.44 2.18 0.00	37.85 1.67 0.00	34.46 1.61 0.00	33.85 1.55 0.00	33.54 1.45 0.00	35.35 1.33 0.00	40.02 1.83 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.63 2.05 0.00	33.40 2.15 0.00	34.05 2.23 0.00	38.04 2.55 -0.48	40.61 2.75 -2.21	44.58 3.00 -5.00	49.05 3.68 -2.12	63.00 4.12 -7.97	65.22 3.97 -0.22	69.75 3.70 0.00	65.43 3.06 0.00	58.27 2.93 0.00	44.18 2.36 -0.35	38.52 1.89 -0.23
GLENWOOD_IC_3_G1 23689	40.44 2.18 0.00	37.85 1.67 0.00	34.46 1.61 0.00	33.85 1.55 0.00	33.54 1.45 0.00	35.35 1.33 0.00	40.02 1.83 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.63 2.05 0.00	33.40 2.15 0.00	34.05 2.23 0.00	38.04 2.55 -0.48	40.61 2.75 -2.21	44.58 3.00 -5.00	49.05 3.68 -2.12	63.00 4.12 -7.97	65.22 3.97 -0.22	69.75 3.70 0.00	65.43 3.06 0.00	58.27 2.93 0.00	44.18 2.36 -0.35	38.52 1.89 -0.23
GLENWOOD___4 23550	40.67 2.41 0.00	37.95 1.77 0.00	34.56 1.71 0.00	33.92 1.62 0.00	33.64 1.54 0.00	35.45 1.43 0.00	40.18 1.99 0.00	39.96 2.12 0.00	36.99 2.23 0.00	35.29 2.25 0.00	32.81 2.23 0.00	33.55 2.31 0.00	34.27 2.45 0.00	38.32 2.83 -0.48	40.93 3.07 -2.21	44.91 3.33 -5.00	49.44 4.07 -2.12	70.93 4.53 -15.48	72.46 4.15 -7.27	69.96 3.90 -0.01	65.63 3.24 -0.01	58.50 3.15 -0.01	51.57 2.61 -7.48	43.47 2.15 -4.93
GLENWOOD___5 23614	40.67 2.41 0.00	37.95 1.77 0.00	34.56 1.71 0.00	33.92 1.62 0.00	33.64 1.54 0.00	35.45 1.43 0.00	40.18 1.99 0.00	39.96 2.12 0.00	36.99 2.23 0.00	35.29 2.25 0.00	32.81 2.23 0.00	33.55 2.31 0.00	34.27 2.45 0.00	38.32 2.83 -0.48	40.93 3.07 -2.21	44.91 3.33 -5.00	49.44 4.07 -2.12	70.93 4.53 -15.48	72.46 4.15 -7.27	69.96 3.90 -0.01	65.63 3.24 -0.01	58.50 3.15 -0.01	51.57 2.61 -7.48	43.47 2.15 -4.93
GLOBAL GREEN_PORT_GT1 23814	41.97 3.71 0.00	38.64 2.46 0.00	35.09 2.24 0.00	34.53 2.23 0.00	34.37 2.28 0.00	36.27 2.25 0.00	41.36 3.17 0.00	41.39 3.56 0.00	38.52 3.76 0.00	37.00 3.96 0.00	34.31 3.73 0.00	35.05 3.81 0.00	35.70 3.88 0.00	40.00 4.52 -0.48	42.46 4.60 -2.21	46.19 4.61 -5.00	51.35 5.97 -2.12	61.36 6.87 -3.58	72.37 6.23 -5.10	70.28 4.23 0.00	64.87 2.50 0.00	59.04 3.71 0.00	49.91 3.69 -4.75	42.59 3.06 -3.13
GLOBE___DSASP 323697	32.96 -5.28 0.02	30.69 -5.07 0.42	28.07 -4.76 0.02	27.63 -4.65 0.02	27.45 -4.62 0.02	29.21 -4.80 0.02	26.68 -4.54 6.96	33.28 -4.54 0.02	30.15 -3.65 0.96	29.52 -3.50 0.02	27.26 -3.30 0.02	27.20 -3.75 0.30	27.73 -3.44 0.65	25.51 -3.74 5.75	26.14 -3.81 5.69	26.26 -3.91 6.40	26.06 -5.15 12.06	30.84 -5.75 14.32	35.88 -6.78 18.38	45.87 -7.07 13.12	45.14 -7.24 10.00	40.48 -6.81 8.05	35.71 -5.68 0.09	30.85 -5.17 0.38
GOETHSLN___LBMP 323567	40.21 1.95 0.00	37.81 1.63 0.00	34.56 1.71 0.00	33.92 1.62 0.00	33.60 1.51 0.00	35.39 1.36 0.00	40.06 1.87 0.00	39.88 2.04 0.00	36.89 2.12 0.00	35.12 2.08 0.00	32.69 2.11 0.00	33.40 2.16 0.00	34.08 2.26 0.00	37.48 2.48 0.00	38.39 2.74 0.00	39.58 3.00 0.00	46.91 3.63 -0.02	54.93 4.02 0.00	65.13 4.09 0.00	69.88 3.83 0.00	65.56 3.18 0.00	58.38 3.04 0.00	43.67 2.20 0.00	38.15 1.75 0.00
GOLAH___69_KV_TB 1_2 80279	35.61 -2.64 0.01	33.29 -2.79 0.11	30.35 -2.50 0.01	29.88 -2.42 0.01	29.72 -2.38 0.01	31.57 -2.45 0.01	33.84 -2.52 1.83	35.60 -2.23 0.01	32.44 -2.09 0.24	31.45 -1.59 0.01	28.99 -1.59 0.01	29.32 -1.84 0.08	29.74 -1.91 0.17	31.48 -2.06 1.45	32.04 -2.17 1.44	32.78 -2.12 1.68	36.69 -2.81 3.76	42.97 -2.80 5.14	51.26 -2.75 7.03	58.08 -2.51 5.46	55.10 -2.74 4.53	48.56 -2.93 3.84	38.75 -2.70 0.03	33.79 -2.51 0.10
GOODYEAR_LAKE_HYD 323669	39.83 1.57 0.00	37.62 1.37 -0.07	34.07 1.22 0.00	33.47 1.16 0.00	33.22 1.12 0.00	35.53 1.50 0.00	40.99 1.60 -1.19	39.09 1.25 0.00	35.48 0.56 -0.16	33.24 0.20 0.00	30.55 -0.03 0.00	31.57 0.28 -0.05	32.12 0.19 -0.11	36.19 0.24 -0.94	36.72 0.14 -0.93	37.89 0.22 -1.10	45.41 0.39 -1.76	53.80 1.12 -1.77	66.39 3.24 -2.12	71.32 3.96 -1.30	66.94 3.74 -0.82	58.95 3.04 -0.57	43.52 2.03 -0.01	37.92 1.46 -0.06

GOUDEY___15_KV_TB6_REV_LBMP_C 345031	38.41 0.15 0.00	36.38 0.11 -0.09	32.95 0.10 0.00	32.34 0.03 0.00	32.13 0.03 0.00	34.20 0.17 0.00	39.98 0.19 -1.60	38.11 0.26 0.00	35.12 0.14 -0.21	33.04 0.00 0.00	30.55 -0.03 0.00	31.37 0.06 -0.07	32.03 0.06 -0.14	36.37 0.10 -1.26	37.04 0.14 -1.25	38.23 0.18 -1.47	45.83 0.22 -2.35	53.73 0.46 -2.36	64.72 0.85 -2.82	68.83 1.06 -1.72	64.39 0.94 -1.08	56.75 0.66 -0.74	41.74 0.25 -0.02	36.59 0.11 -0.08
GOUDEY___7 23579	38.41 0.15 0.00	36.38 0.11 -0.09	32.95 0.10 0.00	32.34 0.03 0.00	32.13 0.03 0.00	34.20 0.17 0.00	39.98 0.19 -1.60	38.11 0.26 0.00	35.12 0.14 -0.21	33.04 0.00 0.00	30.55 -0.03 0.00	31.37 0.06 -0.07	32.03 0.06 -0.14	36.37 0.10 -1.26	37.04 0.14 -1.25	38.23 0.18 -1.47	45.83 0.22 -2.35	53.73 0.46 -2.36	64.72 0.85 -2.82	68.83 1.06 -1.72	64.39 0.94 -1.08	56.75 0.66 -0.74	41.74 0.25 -0.02	36.59 0.11 -0.08
GOUDEY___8 23580	38.41 0.15 0.00	36.38 0.11 -0.09	32.95 0.10 0.00	32.34 0.03 0.00	32.13 0.03 0.00	34.20 0.17 0.00	39.98 0.19 -1.60	38.11 0.26 0.00	35.12 0.14 -0.21	33.04 0.00 0.00	30.55 -0.03 0.00	31.37 0.06 -0.07	32.03 0.06 -0.14	36.37 0.10 -1.26	37.04 0.14 -1.25	38.23 0.18 -1.47	45.83 0.22 -2.35	53.73 0.46 -2.36	64.72 0.85 -2.82	68.83 1.06 -1.72	64.39 0.94 -1.08	56.75 0.66 -0.74	41.74 0.25 -0.02	36.59 0.11 -0.08
GOWANUS_GT1_1 24077	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.69 2.11 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.08 3.81 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.08 4.03 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT1_2 24078	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.69 2.11 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.08 3.81 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.08 4.03 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT1_3 24079	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.69 2.11 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.08 3.81 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.08 4.03 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT1_4 24080	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.69 2.11 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.08 3.81 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.08 4.03 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT1_5 24084	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.69 2.11 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.08 3.81 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.08 4.03 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT1_6 24111	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.69 2.11 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.08 3.81 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.08 4.03 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT1_7 24112	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.69 2.11 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.08 3.81 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.08 4.03 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT1_8 24113	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.69 2.11 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.08 3.81 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.08 4.03 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT2_1 24114	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.79 2.32 0.00	38.29 1.89 0.00
GOWANUS_GT2_2 24115	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.79 2.32 0.00	38.29 1.89 0.00
GOWANUS_GT2_3 24116	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.79 2.32 0.00	38.29 1.89 0.00
GOWANUS_GT2_4 24117	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.79 2.32 0.00	38.29 1.89 0.00

GOWANUS_GT2_5 24118	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.79 2.32 0.00	38.29 1.89 0.00
GOWANUS_GT2_6 24119	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.79 2.32 0.00	38.29 1.89 0.00
GOWANUS_GT2_7 24120	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.79 2.32 0.00	38.29 1.89 0.00
GOWANUS_GT2_8 24121	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.79 2.32 0.00	38.29 1.89 0.00
GOWANUS_GT3_1 24122	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.09 3.81 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT3_2 24123	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.09 3.81 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT3_3 24124	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.09 3.81 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT3_4 24125	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.09 3.81 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT3_5 24126	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.09 3.81 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT3_6 24127	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.09 3.81 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT3_7 24128	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.09 3.81 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT3_8 24129	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.78 2.02 0.00	35.05 2.02 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.09 3.81 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
GOWANUS_GT4_1 24130	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.79 0.00	39.81 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.15 4.10 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.80 2.32 0.00	38.29 1.89 0.00
GOWANUS_GT4_2 24131	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.79 0.00	39.81 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.15 4.10 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.80 2.32 0.00	38.29 1.89 0.00
GOWANUS_GT4_3 24132	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.79 0.00	39.81 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.15 4.10 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.80 2.32 0.00	38.29 1.89 0.00

GOWANUS_GT4_4 24133	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.79 0.00	39.81 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.15 4.10 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.80 2.32 0.00	38.29 1.89 0.00
GOWANUS_GT4_5 24134	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.79 0.00	39.81 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.15 4.10 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.80 2.32 0.00	38.29 1.89 0.00
GOWANUS_GT4_6 24135	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.79 0.00	39.81 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.15 4.10 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.80 2.32 0.00	38.29 1.89 0.00
GOWANUS_GT4_7 24136	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.79 0.00	39.81 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.15 4.10 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.80 2.32 0.00	38.29 1.89 0.00
GOWANUS_GT4_8 24137	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.79 0.00	39.81 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.24 4.33 0.00	65.37 4.33 0.00	70.15 4.10 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.80 2.32 0.00	38.29 1.89 0.00
GREENBSH_115KV_TB3 55895	38.94 0.69 0.00	36.83 0.65 0.00	33.57 0.72 0.00	32.98 0.68 0.00	32.67 0.58 0.00	34.57 0.54 0.00	38.76 0.57 0.00	38.18 0.34 0.00	35.08 0.31 0.00	33.27 0.23 0.00	30.76 0.18 0.00	31.52 0.28 0.00	32.07 0.25 0.00	35.28 0.28 0.00	36.00 0.36 0.00	37.09 0.51 0.00	44.08 0.82 0.00	51.62 0.71 0.00	61.77 0.73 0.00	66.91 0.86 0.00	63.19 0.81 0.00	56.28 0.94 0.00	42.30 0.83 0.00	37.09 0.69 0.00
GREENDGE_115KV_TB5 80291	38.37 0.08 -0.04	36.97 -0.07 -0.87	32.76 -0.13 -0.04	32.15 -0.19 -0.04	31.94 -0.19 -0.04	34.20 0.14 -0.04	53.15 0.23 -14.73	38.18 0.30 -0.04	36.71 -0.03 -1.98	32.78 -0.30 -0.04	30.26 -0.37 -0.04	31.57 -0.28 -0.61	32.90 -0.25 -1.34	46.55 -0.24 -11.80	47.14 -0.18 -11.68	50.11 0.00 -13.53	66.56 0.00 -23.30	77.03 0.56 -25.56	94.40 1.46 -31.90	89.59 2.18 -21.35	79.62 2.12 -15.12	68.31 1.38 -11.59	42.09 0.46 -0.16	37.24 0.07 -0.77
GREENIDGE___3 23582	38.37 0.08 -0.04	36.97 -0.07 -0.87	32.76 -0.13 -0.04	32.15 -0.19 -0.04	31.94 -0.19 -0.04	34.20 0.14 -0.04	53.15 0.23 -14.73	38.18 0.30 -0.04	36.71 -0.03 -1.98	32.78 -0.30 -0.04	30.26 -0.37 -0.04	31.57 -0.28 -0.61	32.90 -0.25 -1.34	46.55 -0.24 -11.80	47.14 -0.18 -11.68	50.11 0.00 -13.53	66.56 0.00 -23.30	77.03 0.56 -25.56	94.40 1.46 -31.90	89.59 2.18 -21.35	79.62 2.12 -15.12	68.31 1.38 -11.59	42.09 0.46 -0.16	37.24 0.07 -0.77
GREENIDGE___4 23583	38.37 0.08 -0.04	37.01 -0.04 -0.87	32.76 -0.13 -0.04	32.15 -0.19 -0.04	31.95 -0.19 -0.04	34.20 0.14 -0.04	53.15 0.23 -14.73	38.18 0.30 -0.04	36.71 -0.03 -1.98	32.78 -0.30 -0.04	30.29 -0.34 -0.04	31.54 -0.31 -0.61	32.87 -0.29 -1.34	46.55 -0.24 -11.80	47.15 -0.18 -11.68	50.11 0.00 -13.53	66.56 0.00 -23.30	77.03 0.56 -25.56	94.40 1.46 -31.90	89.58 2.18 -21.35	79.62 2.12 -15.12	68.31 1.38 -11.59	42.09 0.46 -0.16	37.24 0.07 -0.77
GREENLWN_69_KV_BK 3 55738	41.01 2.75 0.00	37.92 1.74 0.00	34.43 1.58 0.00	33.82 1.52 0.00	33.57 1.48 0.00	35.39 1.36 0.00	40.21 2.02 0.00	40.03 2.19 0.00	37.13 2.36 0.00	35.52 2.48 0.00	33.00 2.42 0.00	33.77 2.53 0.00	34.56 2.74 0.00	38.70 3.22 -0.48	41.28 3.42 -2.21	45.24 3.66 -5.00	49.66 4.28 -2.12	59.45 4.48 -4.06	64.68 3.48 -0.16	68.76 2.71 0.00	64.12 1.75 0.00	57.44 2.10 0.00	48.91 2.61 -4.82	41.83 2.26 -3.17
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.79 0.00	39.81 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.43 2.19 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.39 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.80 2.32 0.00	38.29 1.89 0.00
GRISSOM___SOLAR 323813	39.75 1.49 0.00	37.63 1.45 0.00	34.23 1.38 0.00	33.66 1.36 0.00	33.35 1.25 0.00	35.45 1.43 0.00	39.41 1.22 0.00	38.10 0.27 0.00	34.35 -0.42 0.00	32.15 -0.89 0.00	29.60 -0.98 0.00	30.53 -0.72 0.00	30.99 -0.83 0.00	34.09 -0.91 0.00	34.79 -0.86 0.00	35.88 -0.70 0.00	42.79 -0.47 0.00	50.96 0.05 0.00	62.69 1.65 0.00	69.42 3.37 0.00	65.74 3.37 0.00	58.33 2.99 0.00	43.63 2.16 0.00	38.08 1.68 0.00
GROVEVILLE___HYD 323602	40.36 2.10 0.00	37.95 1.77 0.00	34.59 1.74 0.00	33.95 1.65 0.00	33.60 1.51 0.00	35.45 1.43 0.00	40.06 1.87 0.00	39.58 1.74 0.00	36.54 1.77 0.00	34.59 1.55 0.00	32.14 1.56 0.00	32.80 1.56 0.00	33.51 1.69 0.00	36.92 1.92 0.00	37.79 2.14 0.00	38.99 2.41 0.00	46.25 2.99 0.00	54.53 3.61 0.00	65.07 4.03 0.00	70.15 4.10 0.00	65.93 3.56 0.00	58.60 3.27 0.00	43.80 2.32 0.00	38.22 1.82 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.80 -0.46 0.00	35.71 -0.47 0.00	32.42 -0.43 0.00	31.88 -0.42 0.00	31.68 -0.42 0.00	33.65 -0.37 0.00	37.77 -0.42 0.00	37.50 -0.34 0.00	34.38 -0.38 0.00	32.71 -0.33 0.00	30.24 -0.34 0.00	30.87 -0.37 0.00	31.44 -0.38 0.00	34.58 -0.42 0.00	35.18 -0.46 0.00	36.07 -0.51 0.00	42.53 -0.74 0.00	50.30 -0.61 0.00	60.55 -0.49 0.00	65.72 -0.33 0.00	62.13 -0.25 0.00	54.90 -0.44 0.00	40.93 -0.54 0.00	35.93 -0.47 0.00
HAMLTNNY_34_KV_TB 80303	37.76 -0.50 0.00	35.64 -0.54 0.00	32.36 -0.49 0.00	31.79 -0.52 0.00	31.58 -0.51 0.00	33.58 -0.44 0.00	37.69 -0.50 0.00	37.46 -0.38 0.00	34.32 -0.45 0.00	32.64 -0.40 0.00	30.18 -0.40 0.00	30.81 -0.44 0.00	31.37 -0.45 0.00	34.51 -0.49 0.00	35.11 -0.53 0.00	35.99 -0.59 0.00	42.44 -0.82 0.00	50.20 -0.71 0.00	60.55 -0.49 0.00	65.79 -0.26 0.00	62.13 -0.25 0.00	54.90 -0.44 0.00	40.89 -0.58 0.00	35.85 -0.55 0.00

HAMPSHIRE___PAPER_HYD 323593	38.22 -0.04 0.00	36.11 -0.07 0.00	32.75 -0.10 0.00	32.37 0.06 0.00	32.19 0.10 0.00	34.33 0.31 0.00	38.53 0.34 0.00	38.07 0.23 0.00	34.53 -0.24 0.00	32.77 -0.27 0.00	30.25 -0.34 0.00	30.87 -0.37 0.00	31.37 -0.45 0.00	34.51 -0.49 0.00	34.90 -0.75 0.00	35.70 -0.88 0.00	42.22 -1.04 0.00	49.89 -1.02 0.00	60.80 -0.24 0.00	66.05 0.00 0.00	62.63 0.25 0.00	55.45 0.11 0.00	41.77 0.29 0.00	36.58 0.18 0.00
HARDSCRABBLE_WT_PWR 323673	39.17 0.92 0.00	37.09 0.90 0.00	33.70 0.85 0.00	33.18 0.87 0.00	32.96 0.87 0.00	34.98 0.95 0.00	39.30 1.11 0.00	38.94 1.10 0.00	35.71 0.94 0.00	33.93 0.89 0.00	31.37 0.79 0.00	32.09 0.84 0.00	32.65 0.83 0.00	35.91 0.91 0.00	36.54 0.89 0.00	37.49 0.91 0.00	44.26 1.00 0.00	52.13 1.22 0.00	62.75 1.71 0.00	67.90 1.85 0.00	64.12 1.74 0.00	56.94 1.61 0.00	42.72 1.24 0.00	37.46 1.06 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.02 1.76 0.00	37.63 1.45 0.00	34.30 1.45 0.00	33.66 1.36 0.00	33.35 1.25 0.00	35.18 1.16 0.00	39.72 1.53 0.00	39.35 1.51 0.00	36.33 1.56 0.00	34.43 1.39 0.00	32.02 1.44 0.00	32.71 1.47 0.00	33.38 1.56 0.00	36.78 1.78 0.00	37.64 2.00 0.00	38.81 2.23 0.00	45.99 2.73 0.00	54.12 3.21 0.00	64.52 3.48 0.00	69.49 3.43 0.00	65.31 2.93 0.00	58.05 2.71 0.00	43.42 1.95 0.00	37.93 1.53 0.00
HARSNRAD_115KV_TB1 81005	33.87 -4.36 0.02	31.49 -4.27 0.42	28.92 -3.91 0.02	28.47 -3.81 0.02	28.29 -3.79 0.02	30.16 -3.84 0.02	27.20 -4.05 6.94	34.03 -3.78 0.02	30.59 -3.23 0.94	30.05 -2.97 0.02	27.69 -2.87 0.02	27.73 -3.22 0.29	28.09 -3.09 0.64	26.10 -3.32 5.57	26.71 -3.42 5.52	26.80 -3.40 6.38	27.15 -4.24 11.87	32.32 -4.48 14.11	37.65 -5.13 18.26	47.66 -5.35 13.04	46.82 -5.61 9.94	42.00 -5.31 8.03	36.57 -4.81 0.09	31.84 -4.19 0.37
HARZA MOOSE___RIVER 24016	38.52 0.27 0.00	36.40 0.22 0.00	33.08 0.23 0.00	32.69 0.39 0.00	32.45 0.35 0.00	34.57 0.54 0.00	38.80 0.61 0.00	38.41 0.57 0.00	34.87 0.10 0.00	33.14 0.10 0.00	30.58 0.00 0.00	31.24 0.00 0.00	31.72 -0.10 0.00	34.89 -0.10 0.00	35.40 -0.25 0.00	36.29 -0.29 0.00	42.96 -0.30 0.00	50.76 -0.15 0.00	61.77 0.73 0.00	67.04 0.99 0.00	63.37 1.00 0.00	56.22 0.89 0.00	42.18 0.71 0.00	36.87 0.47 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.53 -0.73 0.00	35.46 -0.72 0.00	32.23 -0.62 0.00	31.66 -0.65 0.00	31.45 -0.64 0.00	33.41 -0.61 0.00	37.50 -0.69 0.00	37.27 -0.57 0.00	34.21 -0.56 0.00	32.54 -0.50 0.00	30.09 -0.49 0.00	30.71 -0.53 0.00	31.28 -0.54 0.00	34.44 -0.56 0.00	35.01 -0.64 0.00	35.85 -0.73 0.00	41.93 -0.95 0.38	49.08 -0.97 0.87	58.78 -0.92 1.35	63.96 -0.86 1.24	60.40 -0.81 1.17	53.40 -0.89 1.06	40.64 -0.83 0.00	35.67 -0.73 0.00
HELLGATE_13_KV_LD 55870	40.51 2.26 0.00	38.06 1.88 0.00	34.79 1.94 0.00	34.11 1.81 0.00	33.80 1.70 0.00	35.56 1.53 0.00	40.21 2.02 0.00	40.07 2.23 0.00	37.06 2.29 0.00	35.32 2.28 0.00	32.94 2.35 0.00	33.62 2.37 0.00	34.33 2.51 0.00	37.73 2.73 0.00	38.64 2.99 0.00	39.83 3.26 0.00	47.21 3.94 -0.02	55.34 4.43 0.00	65.44 4.39 0.00	70.21 4.16 0.00	65.81 3.43 0.00	58.60 3.27 0.00	43.88 2.41 0.00	38.33 1.93 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.51 2.26 0.00	38.06 1.88 0.00	34.79 1.94 0.00	34.11 1.81 0.00	33.80 1.70 0.00	35.56 1.53 0.00	40.21 2.02 0.00	40.07 2.23 0.00	37.06 2.29 0.00	35.32 2.28 0.00	32.94 2.35 0.00	33.62 2.37 0.00	34.33 2.51 0.00	37.73 2.73 0.00	38.64 2.99 0.00	39.83 3.26 0.00	47.21 3.94 -0.02	55.34 4.43 0.00	65.44 4.39 0.00	70.21 4.16 0.00	65.81 3.43 0.00	58.60 3.27 0.00	43.88 2.41 0.00	38.33 1.93 0.00
HEMPSTEAD___ 23647	40.78 2.52 0.00	37.88 1.70 0.00	34.46 1.61 0.00	33.82 1.52 0.00	33.57 1.48 0.00	35.35 1.33 0.00	40.14 1.95 0.00	39.96 2.12 0.00	36.99 2.23 0.00	35.35 2.31 0.00	32.84 2.26 0.00	33.65 2.41 0.00	34.33 2.51 0.00	38.42 2.94 -0.48	41.03 3.17 -2.21	44.99 3.40 -5.01	49.53 4.15 -2.12	71.69 4.68 -16.09	72.10 4.09 -6.97	69.76 3.70 -0.01	65.25 2.87 -0.01	58.22 2.88 -0.01	50.72 2.57 -6.67	42.94 2.15 -4.39
HICKLING___1 23621	37.78 -0.50 -0.02	35.99 -0.54 -0.35	32.28 -0.59 -0.02	31.67 -0.65 -0.02	31.47 -0.64 -0.02	33.70 -0.34 -0.02	43.91 -0.34 -6.06	37.67 -0.19 -0.02	35.19 -0.38 -0.81	32.46 -0.59 -0.02	29.96 -0.64 -0.02	30.99 -0.50 -0.25	31.89 -0.48 -0.55	39.37 -0.45 -4.82	39.99 -0.43 -4.77	41.89 -0.26 -5.57	52.30 -0.35 -9.39	60.97 0.00 -10.05	74.00 0.55 -12.41	75.16 0.99 -8.12	68.90 0.94 -5.59	59.97 0.44 -4.19	41.37 -0.17 -0.06	36.28 -0.44 -0.31
HICKLING___2 23622	37.78 -0.50 -0.02	35.99 -0.54 -0.35	32.28 -0.59 -0.02	31.67 -0.65 -0.02	31.47 -0.64 -0.02	33.70 -0.34 -0.02	43.91 -0.34 -6.06	37.67 -0.19 -0.02	35.19 -0.38 -0.81	32.46 -0.59 -0.02	29.96 -0.64 -0.02	30.99 -0.50 -0.25	31.89 -0.48 -0.55	39.37 -0.45 -4.82	39.99 -0.43 -4.77	41.89 -0.26 -5.57	52.30 -0.35 -9.39	60.97 0.00 -10.05	74.00 0.55 -12.41	75.16 0.99 -8.12	68.90 0.94 -5.59	59.97 0.44 -4.19	41.37 -0.17 -0.06	36.28 -0.44 -0.31
HIGH FALLS___HY 23754	40.70 2.45 0.00	38.17 1.99 0.00	34.76 1.91 0.00	34.11 1.81 0.00	33.76 1.67 0.00	35.62 1.60 0.00	40.33 2.14 0.00	39.84 2.01 0.00	36.78 2.02 0.00	34.76 1.72 0.00	32.32 1.74 0.00	32.96 1.72 0.00	33.73 1.91 0.00	37.17 2.17 0.00	38.07 2.42 0.00	39.29 2.71 0.00	46.59 3.33 0.00	55.14 4.23 0.00	65.92 4.88 0.00	71.07 5.02 0.00	66.80 4.43 0.00	59.21 3.87 0.00	44.13 2.65 0.00	38.44 2.04 0.00
HIGH_RIVER___SOLAR 323847	39.40 1.15 0.00	37.30 1.12 0.00	33.93 1.08 0.00	33.34 1.03 0.00	33.06 0.96 0.00	35.08 1.06 0.00	39.18 0.99 0.00	38.29 0.46 0.00	34.80 0.03 0.00	32.71 -0.33 0.00	30.18 -0.40 0.00	30.96 -0.28 0.00	31.47 -0.35 0.00	34.62 -0.38 0.00	35.29 -0.36 0.00	36.40 -0.18 0.00	43.43 0.17 0.00	51.57 0.66 0.00	62.63 1.58 0.00	68.50 2.45 0.00	64.74 2.37 0.00	57.50 2.16 0.00	43.05 1.58 0.00	37.64 1.24 0.00
HILLBURN___GT 23639	39.98 1.72 0.00	37.59 1.41 0.00	34.30 1.44 0.00	33.66 1.36 0.00	33.38 1.29 0.00	35.18 1.16 0.00	39.76 1.57 0.00	39.46 1.63 0.00	36.44 1.67 0.00	34.63 1.59 0.00	32.20 1.62 0.00	32.93 1.69 0.00	33.60 1.78 0.00	36.96 1.96 0.00	37.82 2.17 0.00	38.99 2.41 0.00	46.20 2.94 0.00	54.22 3.31 0.00	64.52 3.48 0.00	69.29 3.24 0.00	65.18 2.81 0.00	58.00 2.66 0.00	43.42 1.95 0.00	37.93 1.53 0.00
HILLSIDE_115KV_TB1 80332	37.54 -0.73 -0.01	35.74 -0.72 -0.29	32.11 -0.76 -0.01	31.51 -0.81 -0.01	31.31 -0.80 -0.01	33.46 -0.58 -0.01	42.52 -0.57 -4.91	37.40 -0.45 -0.01	34.86 -0.56 -0.65	32.29 -0.76 -0.01	29.83 -0.76 -0.01	30.85 -0.59 -0.20	31.66 -0.60 -0.44	38.27 -0.63 -3.90	38.94 -0.57 -3.86	40.65 -0.44 -4.51	50.22 -0.61 -7.56	58.55 -0.41 -8.04	70.87 -0.06 -9.89	72.75 0.26 -6.44	66.96 0.19 -4.40	58.45 -0.17 -3.27	40.99 -0.54 -0.05	35.96 -0.69 -0.25

HISHELDN_WT_PWR 323625	34.91 -3.29 0.06	31.74 -3.26 1.18	29.77 -3.02 0.06	29.24 -3.00 0.06	29.06 -2.98 0.06	31.08 -2.89 0.06	15.27 -3.06 19.86	35.06 -2.72 0.06	29.46 -2.61 2.70	30.47 -2.51 0.06	28.11 -2.42 0.06	27.91 -2.50 0.83	27.45 -2.55 1.83	16.19 -2.69 16.11	16.96 -2.74 15.95	15.69 -2.63 18.25	7.63 -3.20 32.43	10.81 -3.26 36.84	10.98 -3.36 46.70	30.60 -3.24 32.22	35.42 -3.31 23.64	33.29 -3.43 18.62	38.06 -3.19 0.22	32.25 -3.09 1.05
HOLTSVILLE_IC_1 23690	41.43 3.17 0.00	38.28 2.10 0.00	34.72 1.87 0.00	34.11 1.81 0.00	33.89 1.80 0.00	35.73 1.70 0.00	40.60 2.41 0.00	40.45 2.61 0.00	37.55 2.78 0.00	35.91 2.87 0.00	33.33 2.75 0.00	34.12 2.87 0.00	34.87 3.06 0.00	39.12 3.64 -0.48	41.60 3.74 -2.21	45.46 3.88 -5.00	50.18 4.80 -2.12	59.64 5.20 -3.53	70.44 4.33 -5.06	69.09 3.04 0.00	64.24 1.87 0.00	58.05 2.71 0.00	49.24 3.03 -4.74	42.07 2.55 -3.12
HOLTSVILLE_IC_10 23699	41.66 3.40 0.00	38.46 2.28 0.00	34.89 2.04 0.00	34.24 1.94 0.00	34.05 1.96 0.00	35.86 1.84 0.00	40.79 2.60 0.00	40.68 2.84 0.00	37.72 2.95 0.00	36.11 3.07 0.00	33.52 2.94 0.00	34.21 2.97 0.00	35.07 3.25 0.00	39.33 3.85 -0.48	41.85 3.99 -2.21	45.71 4.13 -5.00	50.52 5.15 -2.12	60.33 5.65 -3.76	71.18 4.89 -5.25	69.61 3.56 0.00	64.61 2.24 0.00	58.43 3.10 0.00	49.52 3.28 -4.77	42.31 2.77 -3.14
HOLTSVILLE_IC_2 23691	41.43 3.17 0.00	38.28 2.10 0.00	34.72 1.87 0.00	34.11 1.81 0.00	33.89 1.80 0.00	35.73 1.70 0.00	40.60 2.41 0.00	40.45 2.61 0.00	37.55 2.78 0.00	35.91 2.87 0.00	33.33 2.75 0.00	34.12 2.87 0.00	34.87 3.06 0.00	39.12 3.64 -0.48	41.60 3.74 -2.21	45.46 3.88 -5.00	50.18 4.80 -2.12	59.64 5.20 -3.53	70.44 4.33 -5.06	69.09 3.04 0.00	64.24 1.87 0.00	58.05 2.71 0.00	49.24 3.03 -4.74	42.07 2.55 -3.12
HOLTSVILLE_IC_3 23692	41.43 3.17 0.00	38.28 2.10 0.00	34.72 1.87 0.00	34.11 1.81 0.00	33.89 1.80 0.00	35.73 1.70 0.00	40.60 2.41 0.00	40.45 2.61 0.00	37.55 2.78 0.00	35.91 2.87 0.00	33.33 2.75 0.00	34.12 2.87 0.00	34.87 3.06 0.00	39.12 3.64 -0.48	41.60 3.74 -2.21	45.46 3.88 -5.00	50.18 4.80 -2.12	59.64 5.20 -3.53	70.44 4.33 -5.06	69.09 3.04 0.00	64.24 1.87 0.00	58.05 2.71 0.00	49.24 3.03 -4.74	42.07 2.55 -3.12
HOLTSVILLE_IC_4 23693	41.43 3.17 0.00	38.28 2.10 0.00	34.72 1.87 0.00	34.11 1.81 0.00	33.89 1.80 0.00	35.73 1.70 0.00	40.60 2.41 0.00	40.45 2.61 0.00	37.55 2.78 0.00	35.91 2.87 0.00	33.33 2.75 0.00	34.12 2.87 0.00	34.87 3.06 0.00	39.12 3.64 -0.48	41.60 3.74 -2.21	45.46 3.88 -5.00	50.18 4.80 -2.12	59.64 5.20 -3.53	70.44 4.33 -5.06	69.09 3.04 0.00	64.24 1.87 0.00	58.05 2.71 0.00	49.24 3.03 -4.74	42.07 2.55 -3.12
HOLTSVILLE_IC_5 23694	41.43 3.17 0.00	38.28 2.10 0.00	34.72 1.87 0.00	34.11 1.81 0.00	33.89 1.80 0.00	35.73 1.70 0.00	40.60 2.41 0.00	40.45 2.61 0.00	37.55 2.78 0.00	35.91 2.87 0.00	33.33 2.75 0.00	34.12 2.87 0.00	34.87 3.06 0.00	39.12 3.64 -0.48	41.60 3.74 -2.21	45.46 3.88 -5.00	50.18 4.80 -2.12	59.64 5.20 -3.53	70.44 4.33 -5.06	69.09 3.04 0.00	64.24 1.87 0.00	58.05 2.71 0.00	49.24 3.03 -4.74	42.07 2.55 -3.12
HOLTSVILLE_IC_6 23695	41.66 3.40 0.00	38.46 2.28 0.00	34.89 2.04 0.00	34.24 1.94 0.00	34.05 1.96 0.00	35.86 1.84 0.00	40.79 2.60 0.00	40.68 2.84 0.00	37.72 2.95 0.00	36.11 3.07 0.00	33.52 2.94 0.00	34.21 2.97 0.00	35.07 3.25 0.00	39.33 3.85 -0.48	41.85 3.99 -2.21	45.71 4.13 -5.00	50.52 5.15 -2.12	60.33 5.65 -3.76	71.18 4.89 -5.25	69.61 3.56 0.00	64.61 2.24 0.00	58.43 3.10 0.00	49.52 3.28 -4.77	42.31 2.77 -3.14
HOLTSVILLE_IC_7 23696	41.66 3.40 0.00	38.46 2.28 0.00	34.89 2.04 0.00	34.24 1.94 0.00	34.05 1.96 0.00	35.86 1.84 0.00	40.79 2.60 0.00	40.68 2.84 0.00	37.72 2.95 0.00	36.11 3.07 0.00	33.52 2.94 0.00	34.21 2.97 0.00	35.07 3.25 0.00	39.33 3.85 -0.48	41.85 3.99 -2.21	45.71 4.13 -5.00	50.52 5.15 -2.12	60.33 5.65 -3.76	71.18 4.89 -5.25	69.61 3.56 0.00	64.61 2.24 0.00	58.43 3.10 0.00	49.52 3.28 -4.77	42.31 2.77 -3.14
HOLTSVILLE_IC_8 23697	41.66 3.40 0.00	38.46 2.28 0.00	34.89 2.04 0.00	34.24 1.94 0.00	34.05 1.96 0.00	35.86 1.84 0.00	40.79 2.60 0.00	40.68 2.84 0.00	37.72 2.95 0.00	36.11 3.07 0.00	33.52 2.94 0.00	34.21 2.97 0.00	35.07 3.25 0.00	39.33 3.85 -0.48	41.85 3.99 -2.21	45.71 4.13 -5.00	50.52 5.15 -2.12	60.33 5.65 -3.76	71.18 4.89 -5.25	69.61 3.56 0.00	64.61 2.24 0.00	58.43 3.10 0.00	49.52 3.28 -4.77	42.31 2.77 -3.14
HOLTSVILLE_IC_9 23698	41.66 3.40 0.00	38.46 2.28 0.00	34.89 2.04 0.00	34.24 1.94 0.00	34.05 1.96 0.00	35.86 1.84 0.00	40.79 2.60 0.00	40.68 2.84 0.00	37.72 2.95 0.00	36.11 3.07 0.00	33.52 2.94 0.00	34.21 2.97 0.00	35.07 3.25 0.00	39.33 3.85 -0.48	41.85 3.99 -2.21	45.71 4.13 -5.00	50.52 5.15 -2.12	60.33 5.65 -3.76	71.18 4.89 -5.25	69.61 3.56 0.00	64.61 2.24 0.00	58.43 3.10 0.00	49.52 3.28 -4.77	42.31 2.77 -3.14
HOMER_HL_115KV_TB2 355744	35.82 -2.41 0.02	33.55 -2.17 0.46	30.43 -2.40 0.02	29.76 -2.52 0.02	29.60 -2.47 0.02	32.13 -1.87 0.02	28.82 -1.87 7.49	36.57 -1.25 0.02	32.41 -1.32 1.04	30.80 -2.21 0.02	28.45 -2.11 0.02	29.83 -1.09 0.32	29.81 -1.30 0.70	27.49 -1.33 6.18	28.22 -1.32 6.11	28.52 -1.17 6.89	29.04 -1.51 12.71	34.59 -1.37 14.95	40.64 -1.28 19.12	51.44 -1.06 13.55	50.63 -1.50 10.25	45.20 -1.88 8.26	39.45 -1.95 0.08	33.99 -2.00 0.40
HOWARD_WT_PWR 323690	36.74 -1.61 -0.09	36.28 -1.70 -1.80	31.30 -1.64 -0.09	30.71 -1.68 -0.09	30.55 -1.64 -0.09	32.78 -1.33 -0.09	67.47 -1.37 -30.65	36.79 -1.13 -0.09	37.53 -1.36 -4.12	31.64 -1.49 -0.09	29.20 -1.47 -0.09	31.04 -1.47 -1.27	33.17 -1.43 -2.79	58.07 -1.50 -24.58	58.51 -1.46 -24.33	63.50 -1.24 -28.17	90.46 -1.47 -48.67	103.48 -1.07 -53.64	127.70 -0.42 -67.08	111.47 0.33 -45.09	94.77 0.31 -32.08	79.69 -0.33 -24.68	40.77 -1.04 -0.34	36.62 -1.38 -1.60
HQ_GEN_CEDARS 23644	38.33 0.08 0.00	36.29 0.11 0.00	32.75 -0.10 0.00	32.30 0.00 0.00	32.13 0.03 0.00	34.13 0.10 0.00	38.34 0.15 0.00	37.91 0.08 0.00	34.73 -0.03 0.00	32.94 -0.10 0.00	30.49 -0.09 0.00	31.18 -0.06 0.00	31.79 -0.03 0.00	34.89 -0.10 0.00	35.47 -0.18 0.00	36.32 -0.26 0.00	43.00 -0.26 0.00	50.50 -0.41 0.00	60.61 -0.43 0.00	65.79 -0.26 0.00	62.44 0.06 0.00	55.12 -0.22 0.00	41.64 0.17 0.00	36.58 0.18 0.00
HQ_GEN_CEDARS_PROXY 323590	38.33 0.08 0.00	36.29 0.11 0.00	32.75 -0.10 0.00	32.30 0.00 0.00	32.13 0.03 0.00	34.13 0.10 0.00	38.34 0.15 0.00	37.91 0.08 0.00	34.73 -0.03 0.00	32.94 -0.10 0.00	30.49 -0.09 0.00	31.18 -0.06 0.00	31.79 -0.03 0.00	34.89 -0.10 0.00	35.47 -0.18 0.00	36.32 -0.25 0.00	43.00 -0.26 0.00	50.50 -0.41 0.00	60.62 -0.42 0.00	65.86 -0.20 0.00	62.44 0.06 0.00	55.12 -0.22 0.00	41.64 0.17 0.00	36.58 0.18 0.00

HQ_GEN_CHPE_PROXY 323851	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.16 2.12 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.39 2.75 0.00	39.58 3.00 0.00	46.95 3.68 -0.02	54.99 4.07 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00
HQ_GEN_IMPORT 323601	38.29 0.04 0.00	36.22 0.04 0.00	32.82 -0.03 0.00	32.27 -0.03 0.00	32.13 0.03 0.00	34.06 0.03 0.00	38.27 0.08 0.00	37.88 0.04 0.00	34.80 0.03 0.00	33.04 0.00 0.00	30.58 0.00 0.00	31.27 0.03 0.00	31.85 0.03 0.00	35.00 0.00 0.00	35.65 0.00 0.00	36.58 0.00 0.00	43.26 0.00 0.00	50.91 0.00 0.00	60.98 -0.06 0.00	66.05 0.00 0.00	62.44 0.06 0.00	55.34 0.00 0.00	41.56 0.08 0.00	36.47 0.07 0.00
HQ_GEN_WHEEL 23651	38.29 0.04 0.00	36.22 0.04 0.00	32.82 -0.03 0.00	32.27 -0.03 0.00	32.13 0.03 0.00	34.06 0.03 0.00	38.27 0.08 0.00	37.88 0.04 0.00	34.80 0.03 0.00	33.04 0.00 0.00	30.58 0.00 0.00	31.27 0.03 0.00	31.85 0.03 0.00	35.00 0.00 0.00	35.65 0.00 0.00	36.58 0.00 0.00	43.26 0.00 0.00	50.91 0.00 0.00	60.98 -0.06 0.00	66.05 0.00 0.00	62.44 0.06 0.00	55.34 0.00 0.00	41.56 0.08 0.00	36.47 0.07 0.00
HUDSON_AVE_GT_3 23810	40.40 2.14 0.00	37.99 1.81 0.00	34.69 1.84 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.52 1.50 0.00	40.21 2.02 0.00	40.03 2.19 0.00	37.03 2.26 0.00	35.25 2.21 0.00	32.81 2.23 0.00	33.49 2.25 0.00	34.21 2.39 0.00	37.62 2.62 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.08 3.81 -0.02	55.19 4.28 0.00	65.37 4.33 0.00	70.15 4.10 0.00	65.87 3.49 0.00	58.66 3.32 0.00	43.84 2.36 0.00	38.29 1.89 0.00
HUDSON_AVE_GT_4 23540	40.40 2.14 0.00	37.99 1.81 0.00	34.69 1.84 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.52 1.50 0.00	40.21 2.02 0.00	40.03 2.19 0.00	37.03 2.26 0.00	35.25 2.21 0.00	32.81 2.23 0.00	33.49 2.25 0.00	34.21 2.39 0.00	37.62 2.62 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.08 3.81 -0.02	55.19 4.28 0.00	65.37 4.33 0.00	70.15 4.10 0.00	65.87 3.49 0.00	58.66 3.32 0.00	43.84 2.36 0.00	38.29 1.89 0.00
HUDSON_AVE_GT_5 23657	40.40 2.14 0.00	37.99 1.81 0.00	34.69 1.84 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.52 1.50 0.00	40.21 2.02 0.00	40.03 2.19 0.00	37.03 2.26 0.00	35.25 2.21 0.00	32.81 2.23 0.00	33.49 2.25 0.00	34.21 2.39 0.00	37.62 2.62 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.08 3.81 -0.02	55.19 4.28 0.00	65.37 4.33 0.00	70.15 4.10 0.00	65.87 3.49 0.00	58.66 3.32 0.00	43.84 2.36 0.00	38.29 1.89 0.00
HUDSON_AVE_10 24168	40.32 2.07 0.00	37.92 1.74 0.00	34.63 1.77 0.00	33.98 1.68 0.00	33.67 1.57 0.00	35.45 1.43 0.00	40.14 1.95 0.00	39.99 2.16 0.00	36.99 2.23 0.00	35.22 2.18 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.17 2.35 0.00	37.62 2.62 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.08 3.81 -0.02	55.14 4.23 0.00	65.25 4.21 0.00	70.02 3.96 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.75 2.28 0.00	38.18 1.78 0.00
HUDSON___115KV_TB 4 355613	39.67 1.42 0.00	37.48 1.30 0.00	34.13 1.28 0.00	33.53 1.23 0.00	33.19 1.09 0.00	35.11 1.09 0.00	39.37 1.18 0.00	38.52 0.68 0.00	35.32 0.56 0.00	33.30 0.26 0.00	30.79 0.21 0.00	31.56 0.31 0.00	32.14 0.32 0.00	35.38 0.38 0.00	36.11 0.46 0.00	37.24 0.66 0.00	44.30 1.04 0.00	52.24 1.32 0.00	62.87 1.83 0.00	68.56 2.51 0.00	64.81 2.43 0.00	57.61 2.27 0.00	43.17 1.70 0.00	37.78 1.38 0.00
HUNTER MOUNT___DRP 323613	39.79 1.53 0.00	37.59 1.41 0.00	34.20 1.35 0.00	33.60 1.29 0.00	33.22 1.12 0.00	35.18 1.16 0.00	39.41 1.22 0.00	38.48 0.64 0.00	35.22 0.45 0.00	33.17 0.13 0.00	30.67 0.09 0.00	31.43 0.19 0.00	31.98 0.16 0.00	35.24 0.24 0.00	35.97 0.32 0.00	37.09 0.51 0.00	44.17 0.91 0.00	52.18 1.27 0.00	62.99 1.95 0.00	68.76 2.71 0.00	64.99 2.62 0.00	57.72 2.38 0.00	43.26 1.78 0.00	37.86 1.46 0.00
HUNTINGTON_RES_REC 323705	41.32 3.06 0.00	38.17 1.99 0.00	34.62 1.77 0.00	33.98 1.68 0.00	33.76 1.67 0.00	35.59 1.57 0.00	40.44 2.25 0.00	40.30 2.46 0.00	37.41 2.64 0.00	35.78 2.74 0.00	33.24 2.66 0.00	34.02 2.78 0.00	34.81 2.99 0.00	39.02 3.53 -0.48	41.60 3.74 -2.21	45.53 3.95 -5.00	50.14 4.76 -2.12	59.79 5.09 -3.79	72.78 4.15 -7.58	69.15 3.11 0.00	64.37 2.00 0.00	57.88 2.55 0.00	49.20 2.94 -4.78	42.06 2.51 -3.15
HUNTLEY___63 23557	33.99 -4.25 0.02	31.57 -4.16 0.45	28.95 -3.88 0.02	28.47 -3.81 0.02	28.29 -3.79 0.02	30.19 -3.81 0.02	26.95 -3.78 7.46	34.30 -3.52 0.02	30.75 -2.99 1.03	30.18 -2.84 0.02	27.87 -2.69 0.02	27.99 -2.94 0.32	28.29 -2.83 0.70	25.83 -3.04 6.13	26.45 -3.14 6.06	26.65 -3.07 6.86	26.58 -3.89 12.78	31.62 -4.17 15.11	37.20 -4.64 19.20	47.62 -4.76 13.68	46.86 -5.11 10.40	41.87 -5.04 8.44	36.90 -4.48 0.09	31.89 -4.11 0.40
HUNTLEY___64 23558	33.99 -4.25 0.02	31.57 -4.16 0.45	28.95 -3.88 0.02	28.47 -3.81 0.02	28.29 -3.79 0.02	30.19 -3.81 0.02	26.95 -3.78 7.46	34.30 -3.52 0.02	30.75 -2.99 1.03	30.18 -2.84 0.02	27.87 -2.69 0.02	27.99 -2.94 0.32	28.29 -2.83 0.70	25.83 -3.04 6.13	26.45 -3.14 6.06	26.65 -3.07 6.86	26.58 -3.89 12.78	31.62 -4.17 15.11	37.20 -4.64 19.20	47.62 -4.76 13.68	46.86 -5.11 10.40	41.87 -5.04 8.44	36.90 -4.48 0.09	31.89 -4.11 0.40
HUNTLEY___65 23559	33.99 -4.25 0.02	31.57 -4.16 0.45	28.95 -3.88 0.02	28.47 -3.81 0.02	28.29 -3.79 0.02	30.19 -3.81 0.02	26.95 -3.78 7.46	34.30 -3.52 0.02	30.75 -2.99 1.03	30.18 -2.84 0.02	27.87 -2.69 0.02	27.99 -2.94 0.32	28.29 -2.83 0.70	25.83 -3.04 6.13	26.45 -3.14 6.06	26.65 -3.07 6.86	26.58 -3.89 12.78	31.62 -4.17 15.11	37.20 -4.64 19.20	47.62 -4.76 13.68	46.86 -5.11 10.40	41.87 -5.04 8.44	36.90 -4.48 0.09	31.89 -4.11 0.40
HUNTLEY___66 23560	33.99 -4.25 0.02	31.57 -4.16 0.45	28.95 -3.88 0.02	28.47 -3.81 0.02	28.29 -3.79 0.02	30.19 -3.81 0.02	26.95 -3.78 7.46	34.30 -3.52 0.02	30.75 -2.99 1.03	30.18 -2.84 0.02	27.87 -2.69 0.02	27.99 -2.94 0.32	28.29 -2.83 0.70	25.83 -3.04 6.13	26.45 -3.14 6.06	26.65 -3.07 6.86	26.58 -3.89 12.78	31.62 -4.17 15.11	37.20 -4.64 19.20	47.62 -4.76 13.68	46.86 -5.11 10.40	41.87 -5.04 8.44	36.90 -4.48 0.09	31.89 -4.11 0.40
HUNTLEY___67 23561	34.06 -4.17 0.02	31.51 -4.16 0.51	29.02 -3.81 0.02	28.53 -3.75 0.02	28.35 -3.72 0.02	30.29 -3.71 0.02	26.10 -3.93 8.16	34.41 -3.41 0.02	30.47 -3.13 1.17	30.24 -2.78 0.02	27.93 -2.63 0.02	28.04 -2.84 0.36	28.07 -2.96 0.79	24.86 -3.18 6.96	25.48 -3.28 6.89	25.86 -3.22 7.50	25.31 -4.02 13.92	30.26 -4.28 16.38	35.49 -4.82 20.73	46.38 -4.95 14.72	45.98 -5.24 11.15	41.23 -5.09 9.02	37.02 -4.35 0.10	31.91 -4.04 0.45



HUNTLEY___68 23562	34.06 -4.17 0.02	31.51 -4.16 0.51	29.02 -3.81 0.02	28.53 -3.75 0.02	28.35 -3.72 0.02	30.29 -3.71 0.02	26.10 -3.93 8.16	34.41 -3.41 0.02	30.47 -3.13 1.17	30.24 -2.78 0.02	27.93 -2.63 0.02	28.04 -2.84 0.36	28.07 -2.96 0.79	24.86 -3.18 6.96	25.48 -3.28 6.89	25.86 -3.22 7.50	25.31 -4.02 13.92	30.26 -4.28 16.38	35.49 -4.82 20.73	46.38 -4.95 14.72	45.98 -5.24 11.15	41.23 -5.09 9.02	37.02 -4.35 0.10	31.91 -4.04 0.45
HYLAND___LFGE 323620	37.45 -0.88 -0.08	36.62 -1.16 -1.60	31.84 -1.08 -0.08	31.35 -1.04 -0.08	31.21 -0.96 -0.08	33.32 -0.78 -0.08	64.77 -0.61 -27.19	37.23 -0.68 -0.08	37.17 -1.25 -3.65	31.73 -1.39 -0.08	29.13 -1.53 -0.08	30.55 -1.81 -1.13	32.41 -1.88 -2.47	54.85 -1.96 -21.81	55.31 -1.93 -21.59	59.88 -1.68 -24.98	84.25 -1.95 -42.93	96.61 -1.32 -47.03	119.69 0.00 -58.65	106.92 1.65 -39.21	91.78 1.68 -27.72	77.23 0.67 -21.23	41.40 -0.37 -0.30	36.99 -0.84 -1.42
INDECK___CORINTH 23802	39.29 1.03 0.00	37.23 1.05 0.00	33.90 1.05 0.00	33.31 1.00 0.00	32.96 0.87 0.00	35.01 0.99 0.00	39.14 0.96 0.00	38.22 0.38 0.00	34.91 0.14 0.00	32.91 -0.13 0.00	30.34 -0.25 0.00	31.09 -0.16 0.00	31.47 -0.35 0.00	34.48 -0.52 0.00	35.08 -0.57 0.00	36.58 0.00 0.00	43.65 0.39 0.00	51.78 0.86 0.00	62.69 1.65 0.00	68.96 2.90 0.00	65.06 2.68 0.00	57.83 2.49 0.00	43.26 1.78 0.00	37.82 1.42 0.00
INDECK___ILION 23567	38.83 0.57 0.00	36.72 0.54 0.00	33.38 0.53 0.00	32.82 0.52 0.00	32.61 0.51 0.00	34.60 0.58 0.00	38.84 0.65 0.00	38.44 0.61 0.00	35.29 0.52 0.00	33.53 0.50 0.00	31.04 0.46 0.00	31.71 0.47 0.00	32.30 0.48 0.00	35.52 0.52 0.00	36.15 0.50 0.00	37.09 0.51 0.00	43.87 0.61 0.00	51.62 0.71 0.00	62.08 1.04 0.00	67.11 1.06 0.00	63.37 1.00 0.00	56.28 0.94 0.00	42.22 0.75 0.00	37.02 0.62 0.00
INDECK___OLEAN 23982	35.82 -2.41 0.02	33.56 -2.17 0.46	30.43 -2.40 0.02	29.76 -2.52 0.02	29.60 -2.47 0.02	32.13 -1.87 0.02	28.83 -1.87 7.49	36.57 -1.25 0.02	32.41 -1.32 1.04	30.90 -2.12 0.02	28.51 -2.05 0.02	29.61 -1.31 0.32	29.81 -1.31 0.70	27.49 -1.33 6.18	28.22 -1.32 6.11	28.52 -1.17 6.89	29.03 -1.52 12.71	34.54 -1.43 14.95	40.64 -1.28 19.12	51.44 -1.06 13.55	50.62 -1.50 10.25	45.20 -1.88 8.26	39.45 -1.95 0.08	33.99 -2.00 0.40
INDECK___OSWEGO 23783	37.30 -0.95 0.00	35.28 -0.90 0.00	32.03 -0.82 0.00	31.50 -0.81 0.00	31.29 -0.80 0.00	33.24 -0.78 0.00	37.27 -0.92 0.00	37.01 -0.83 0.00	33.93 -0.83 0.00	32.28 -0.76 0.00	29.85 -0.73 0.00	30.43 -0.81 0.00	30.99 -0.83 0.00	34.13 -0.87 0.00	34.69 -0.96 0.00	35.44 -1.13 0.00	42.61 -1.43 -0.78	51.10 -1.58 -1.77	62.21 -1.59 -2.76	66.99 -1.59 -2.53	63.26 -1.50 -2.38	56.06 -1.44 -2.16	40.27 -1.20 -0.01	35.45 -0.95 0.00
INDECK___YERKES 23781	33.99 -4.25 0.02	31.60 -4.13 0.45	28.95 -3.88 0.02	28.50 -3.78 0.02	28.32 -3.76 0.02	30.23 -3.78 0.02	26.95 -3.78 7.46	34.30 -3.52 0.02	30.78 -2.96 1.03	30.18 -2.84 0.02	27.84 -2.72 0.02	28.17 -2.75 0.32	28.29 -2.83 0.70	25.86 -3.01 6.13	26.48 -3.10 6.06	26.69 -3.04 6.86	26.58 -3.89 12.78	31.62 -4.17 15.11	37.20 -4.64 19.20	47.62 -4.76 13.68	46.92 -5.05 10.40	41.92 -4.98 8.44	36.90 -4.48 0.09	31.92 -4.08 0.40
INDIAN POINT_GT_1 24139	40.02 1.76 0.00	37.66 1.48 0.00	34.36 1.51 0.00	33.73 1.42 0.00	33.44 1.35 0.00	35.25 1.22 0.00	39.79 1.60 0.00	39.54 1.70 0.00	36.51 1.74 0.00	34.72 1.69 0.00	32.29 1.71 0.00	32.96 1.72 0.00	33.67 1.85 0.00	37.03 2.03 0.00	37.89 2.25 0.00	39.07 2.49 0.00	46.29 3.03 0.00	54.27 3.36 0.00	64.58 3.54 0.00	69.36 3.30 0.00	65.18 2.81 0.00	58.00 2.66 0.00	43.46 1.99 0.00	37.97 1.57 0.00
INDIAN POINT_GT_2 23659	40.02 1.76 0.00	37.66 1.48 0.00	34.36 1.51 0.00	33.73 1.42 0.00	33.44 1.35 0.00	35.25 1.22 0.00	39.79 1.60 0.00	39.54 1.70 0.00	36.51 1.74 0.00	34.72 1.69 0.00	32.29 1.71 0.00	32.96 1.72 0.00	33.67 1.85 0.00	37.03 2.03 0.00	37.89 2.25 0.00	39.07 2.49 0.00	46.29 3.03 0.00	54.27 3.36 0.00	64.58 3.54 0.00	69.36 3.30 0.00	65.18 2.81 0.00	58.00 2.66 0.00	43.46 1.99 0.00	37.97 1.57 0.00
INDIAN POINT_GT_3 24019	40.02 1.76 0.00	37.66 1.48 0.00	34.36 1.51 0.00	33.73 1.42 0.00	33.44 1.35 0.00	35.25 1.22 0.00	39.79 1.60 0.00	39.54 1.70 0.00	36.51 1.74 0.00	34.72 1.69 0.00	32.29 1.71 0.00	32.96 1.72 0.00	33.67 1.85 0.00	37.03 2.03 0.00	37.89 2.25 0.00	39.07 2.49 0.00	46.29 3.03 0.00	54.27 3.36 0.00	64.58 3.54 0.00	69.36 3.30 0.00	65.18 2.81 0.00	58.00 2.66 0.00	43.46 1.99 0.00	37.97 1.57 0.00
INDIAN POINT___2 23530	39.98 1.72 0.00	37.63 1.45 0.00	34.30 1.44 0.00	33.69 1.39 0.00	33.38 1.29 0.00	35.22 1.19 0.00	39.76 1.57 0.00	39.50 1.66 0.00	36.47 1.70 0.00	34.69 1.65 0.00	32.26 1.68 0.00	32.99 1.75 0.00	33.63 1.81 0.00	36.99 1.99 0.00	37.86 2.21 0.00	39.03 2.45 0.00	46.24 2.98 0.00	54.22 3.31 0.00	64.46 3.42 0.00	69.22 3.17 0.00	65.06 2.68 0.00	57.94 2.60 0.00	43.38 1.91 0.00	37.93 1.53 0.00
INDIAN POINT___3 23531	39.98 1.72 0.00	37.63 1.45 0.00	34.33 1.48 0.00	33.69 1.39 0.00	33.41 1.32 0.00	35.22 1.19 0.00	39.75 1.57 0.00	39.50 1.66 0.00	36.47 1.70 0.00	34.69 1.65 0.00	32.26 1.68 0.00	32.96 1.72 0.00	33.63 1.81 0.00	36.99 1.99 0.00	37.86 2.21 0.00	39.03 2.45 0.00	46.25 2.99 0.00	54.22 3.31 0.00	64.46 3.42 0.00	69.29 3.24 0.00	65.12 2.74 0.00	57.94 2.60 0.00	43.42 1.95 0.00	37.93 1.53 0.00
INDIANHD_69_KV_BK1 55831	41.47 3.21 0.00	38.28 2.10 0.00	34.72 1.87 0.00	34.11 1.81 0.00	33.89 1.80 0.00	35.69 1.67 0.00	40.60 2.41 0.00	40.45 2.61 0.00	37.55 2.78 0.00	35.91 2.87 0.00	33.33 2.75 0.00	34.09 2.84 0.00	34.94 3.12 0.00	39.19 3.71 -0.48	41.75 3.89 -2.21	45.68 4.10 -5.00	50.35 4.98 -2.12	60.08 5.40 -3.77	72.71 4.58 -7.09	69.48 3.43 0.00	64.62 2.25 0.00	58.16 2.82 0.00	49.36 3.11 -4.78	42.17 2.62 -3.14
INGHAM_C_115KV_TB7 356103	39.44 1.19 0.00	37.34 1.16 0.00	33.94 1.08 0.00	33.40 1.10 0.00	33.19 1.09 0.00	35.22 1.19 0.00	39.56 1.37 0.00	39.16 1.32 0.00	35.95 1.18 0.00	34.13 1.09 0.00	31.59 1.01 0.00	32.27 1.03 0.00	32.87 1.05 0.00	36.12 1.12 0.00	36.79 1.14 0.00	37.75 1.17 0.00	44.56 1.30 0.00	52.49 1.58 0.00	63.12 2.08 0.00	68.37 2.31 0.00	64.50 2.12 0.00	57.28 1.94 0.00	43.01 1.53 0.00	37.71 1.31 0.00
IP CORINTH___1 23988	39.48 1.22 0.00	37.41 1.23 0.00	34.07 1.22 0.00	33.47 1.16 0.00	33.12 1.03 0.00	35.18 1.16 0.00	39.37 1.18 0.00	38.41 0.57 0.00	35.08 0.31 0.00	33.04 0.00 0.00	30.49 -0.09 0.00	31.24 0.00 0.00	31.60 -0.22 0.00	34.65 -0.35 0.00	35.26 -0.39 0.00	36.76 0.18 0.00	43.91 0.65 0.00	52.08 1.17 0.00	62.99 1.95 0.00	69.29 3.24 0.00	65.43 3.06 0.00	58.11 2.77 0.00	43.46 1.99 0.00	38.00 1.60 0.00

IP___TICONDEROGA 23804	40.86 2.60 0.00	38.75 2.57 0.00	35.25 2.40 0.00	34.66 2.36 0.00	34.28 2.18 0.00	36.47 2.45 0.00	40.63 2.44 0.00	39.62 1.78 0.00	36.02 1.25 0.00	33.70 0.66 0.00	30.98 0.40 0.00	32.09 0.84 0.00	32.36 0.54 0.00	35.49 0.49 0.00	36.18 0.53 0.00	37.60 1.02 0.00	45.16 1.90 0.00	53.66 2.75 0.00	65.62 4.58 0.00	73.39 7.33 0.00	69.36 6.99 0.00	61.59 6.25 0.00	45.91 4.44 0.00	40.04 3.64 0.00
ISLIP_RES_REC 323679	41.85 3.59 0.00	38.60 2.42 0.00	34.99 2.13 0.00	34.37 2.07 0.00	34.15 2.06 0.00	36.00 1.97 0.00	40.94 2.75 0.00	40.83 2.99 0.00	37.90 3.13 0.00	36.28 3.24 0.00	33.64 3.06 0.00	34.40 3.15 0.00	35.23 3.41 0.00	39.54 4.06 -0.48	42.03 4.17 -2.21	45.93 4.35 -5.00	50.83 5.45 -2.12	60.84 6.00 -3.93	71.47 5.31 -5.12	70.01 3.96 0.00	64.99 2.62 0.00	58.77 3.43 0.00	49.75 3.48 -4.79	42.47 2.91 -3.15
JAMAICA__27_KV_LOAD 355505	40.47 2.22 0.00	38.06 1.88 0.00	34.76 1.91 0.00	34.11 1.81 0.00	33.80 1.70 0.00	35.62 1.60 0.00	40.40 2.21 0.00	40.30 2.46 0.00	37.31 2.54 0.00	35.52 2.48 0.00	33.06 2.48 0.00	33.74 2.50 0.00	34.43 2.61 0.00	37.94 2.94 0.00	38.82 3.17 0.00	40.05 3.47 0.00	47.52 4.24 -0.02	55.75 4.84 0.00	65.62 4.58 0.00	70.41 4.36 0.00	66.06 3.68 0.00	58.88 3.54 0.00	43.92 2.45 0.00	38.26 1.86 0.00
JANIS___SOLAR 323808	39.22 0.96 -0.01	37.17 0.83 -0.16	33.58 0.72 -0.01	32.99 0.68 -0.01	32.75 0.64 -0.01	35.02 0.99 -0.01	41.91 1.03 -2.69	38.72 0.87 -0.01	35.37 0.25 -0.36	32.92 -0.13 -0.01	30.25 -0.34 -0.01	31.07 -0.28 -0.11	31.78 -0.29 -0.24	36.90 -0.24 -2.14	37.48 -0.29 -2.12	38.83 -0.22 -2.47	47.24 -0.13 -4.11	55.85 0.61 -4.32	68.47 2.14 -5.29	72.30 2.84 -3.41	67.48 2.81 -2.30	59.19 2.16 -1.69	42.74 1.24 -0.03	37.34 0.80 -0.14
JARVIS____ 23743	38.33 0.08 0.00	36.29 0.11 0.00	32.98 0.13 0.00	32.43 0.13 0.00	32.19 0.10 0.00	34.13 0.10 0.00	38.27 0.08 0.00	37.91 0.08 0.00	34.84 0.07 0.00	33.11 0.07 0.00	30.64 0.06 0.00	31.31 0.06 0.00	31.88 0.06 0.00	35.07 0.07 0.00	35.72 0.07 0.00	36.65 0.07 0.00	43.35 0.09 0.00	51.01 0.10 0.00	61.16 0.12 0.00	66.19 0.13 0.00	62.44 0.06 0.00	55.45 0.11 0.00	41.60 0.12 0.00	36.47 0.07 0.00
JENNISON___1 23625	39.64 1.38 0.00	37.48 1.19 -0.10	33.94 1.08 0.00	33.34 1.03 0.00	33.06 0.96 0.00	35.36 1.33 0.00	41.40 1.41 -1.80	39.13 1.29 0.00	35.67 0.66 -0.24	33.37 0.33 0.00	30.71 0.12 0.00	31.66 0.34 -0.07	32.24 0.25 -0.16	36.77 0.35 -1.42	37.34 0.29 -1.41	38.56 0.33 -1.65	46.46 0.52 -2.68	54.88 1.22 -2.75	67.35 2.99 -3.32	71.63 3.50 -2.08	66.96 3.24 -1.35	58.90 2.60 -0.96	43.11 1.62 -0.02	37.59 1.09 -0.09
JENNISON___2 23626	39.64 1.38 0.00	37.48 1.19 -0.10	33.94 1.08 0.00	33.34 1.03 0.00	33.06 0.96 0.00	35.36 1.33 0.00	41.40 1.41 -1.80	39.13 1.29 0.00	35.67 0.66 -0.24	33.37 0.33 0.00	30.71 0.12 0.00	31.66 0.34 -0.07	32.24 0.25 -0.16	36.77 0.35 -1.42	37.34 0.29 -1.41	38.56 0.33 -1.65	46.46 0.52 -2.68	54.88 1.22 -2.75	67.35 2.99 -3.32	71.63 3.50 -2.08	66.96 3.24 -1.35	58.90 2.60 -0.96	43.11 1.62 -0.02	37.59 1.09 -0.09
JERICHO_RISE_WT_PWR 323719	38.22 -0.04 0.00	36.18 0.00 0.00	32.72 -0.13 0.00	32.24 -0.06 0.00	32.06 -0.03 0.00	34.02 0.00 0.00	38.27 0.08 0.00	37.88 0.04 0.00	34.77 0.00 0.00	33.01 -0.03 0.00	30.52 -0.06 0.00	31.21 -0.03 0.00	31.72 -0.10 0.00	34.86 -0.14 0.00	35.51 -0.14 0.00	36.43 -0.15 0.00	43.17 -0.09 0.00	50.76 -0.15 0.00	60.92 -0.12 0.00	66.12 0.07 0.00	62.56 0.19 0.00	55.23 -0.11 0.00	41.64 0.17 0.00	36.55 0.15 0.00
KATONAH___115KV_46KV_TB4 355592	40.21 1.95 0.00	37.84 1.66 0.00	34.49 1.64 0.00	33.89 1.58 0.00	33.60 1.51 0.00	35.45 1.43 0.00	40.06 1.87 0.00	39.73 1.89 0.00	36.68 1.91 0.00	34.82 1.78 0.00	32.42 1.83 0.00	33.09 1.84 0.00	33.79 1.97 0.00	37.17 2.17 0.00	38.00 2.35 0.00	39.21 2.63 0.00	46.46 3.20 0.00	54.58 3.67 0.00	65.07 4.03 0.00	69.95 3.90 0.00	65.62 3.24 0.00	58.38 3.04 0.00	43.71 2.24 0.00	38.15 1.75 0.00
KCE_NY_1 323755	39.82 1.57 0.00	37.66 1.48 0.00	34.30 1.44 0.00	33.72 1.42 0.00	33.38 1.29 0.00	35.42 1.40 0.00	39.64 1.45 0.00	38.90 1.06 0.00	35.64 0.87 0.00	33.67 0.63 0.00	31.10 0.52 0.00	31.93 0.69 0.00	32.42 0.60 0.00	35.63 0.63 0.00	36.32 0.68 0.00	37.53 0.95 0.00	44.69 1.43 0.00	52.69 1.78 0.00	63.49 2.44 0.00	69.29 3.24 0.00	65.49 3.12 0.00	58.21 2.88 0.00	43.59 2.11 0.00	38.15 1.75 0.00
KCE_NY_6_ESR 323823	34.67 -3.56 0.03	32.12 -3.51 0.55	29.51 -3.32 0.03	29.02 -3.26 0.03	28.83 -3.24 0.03	30.90 -3.10 0.03	25.91 -3.28 8.99	35.09 -2.72 0.03	30.95 -2.57 1.25	30.53 -2.48 0.03	28.20 -2.35 0.03	28.45 -2.41 0.39	28.49 -2.48 0.84	24.95 -2.63 7.43	25.62 -2.67 7.35	25.75 -2.56 8.26	24.92 -3.16 15.19	29.90 -3.26 17.75	35.02 -3.42 22.60	46.66 -3.44 15.95	46.55 -3.81 12.01	41.76 -3.93 9.65	37.81 -3.57 0.10	32.53 -3.38 0.49
KEDC_PORT_JEFF_GT2 24210	41.62 3.37 0.00	38.42 2.24 0.00	34.86 2.00 0.00	34.21 1.91 0.00	33.99 1.89 0.00	35.83 1.80 0.00	40.75 2.56 0.00	40.60 2.76 0.00	37.69 2.92 0.00	36.05 3.01 0.00	33.45 2.87 0.00	34.24 3.00 0.00	35.03 3.21 0.00	39.30 3.82 -0.48	41.82 3.96 -2.21	45.68 4.10 -5.00	50.48 5.10 -2.12	60.14 5.55 -3.67	71.22 4.76 -5.42	69.48 3.43 0.00	64.55 2.18 0.00	58.38 3.04 0.00	49.47 3.24 -4.76	42.23 2.69 -3.13
KEDC_PORT_JEFF_GT3 24211	41.62 3.37 0.00	38.42 2.24 0.00	34.86 2.00 0.00	34.21 1.91 0.00	33.99 1.89 0.00	35.83 1.80 0.00	40.75 2.56 0.00	40.60 2.76 0.00	37.69 2.92 0.00	36.05 3.01 0.00	33.45 2.87 0.00	34.24 3.00 0.00	35.03 3.21 0.00	39.30 3.82 -0.48	41.82 3.96 -2.21	45.68 4.10 -5.00	50.48 5.10 -2.12	60.14 5.55 -3.67	71.22 4.76 -5.42	69.48 3.43 0.00	64.55 2.18 0.00	58.38 3.04 0.00	49.47 3.24 -4.76	42.23 2.69 -3.13
KEDC_GLWD_GT4 24219	40.67 2.41 0.00	37.95 1.77 0.00	34.56 1.71 0.00	33.92 1.61 0.00	33.64 1.54 0.00	35.45 1.43 0.00	40.17 1.98 0.00	39.96 2.12 0.00	36.99 2.23 0.00	35.32 2.28 0.00	32.84 2.26 0.00	33.62 2.37 0.00	34.30 2.48 0.00	38.32 2.83 -0.48	40.93 3.07 -2.21	44.91 3.33 -5.00	49.44 4.07 -2.12	70.88 4.48 -15.48	72.34 4.03 -7.27	69.76 3.70 -0.01	65.50 3.12 -0.01	58.50 3.15 -0.01	51.57 2.61 -7.48	43.47 2.15 -4.93
KEDC_GLWD_GT5 24220	40.67 2.41 0.00	37.95 1.77 0.00	34.56 1.71 0.00	33.92 1.61 0.00	33.64 1.54 0.00	35.45 1.43 0.00	40.17 1.98 0.00	39.96 2.12 0.00	36.99 2.23 0.00	35.32 2.28 0.00	32.84 2.26 0.00	33.62 2.37 0.00	34.30 2.48 0.00	38.32 2.83 -0.48	40.93 3.07 -2.21	44.91 3.33 -5.00	49.44 4.07 -2.12	70.88 4.48 -15.48	72.34 4.03 -7.27	69.76 3.70 -0.01	65.50 3.12 -0.01	58.50 3.15 -0.01	51.57 2.61 -7.48	43.47 2.15 -4.93

KENSICO____ 23655	40.13 1.87 0.00	37.77 1.59 0.00	34.46 1.61 0.00	33.82 1.52 0.00	33.54 1.44 0.00	35.35 1.33 0.00	39.91 1.72 0.00	39.69 1.85 0.00	36.64 1.88 0.00	34.86 1.82 0.00	32.42 1.83 0.00	33.12 1.87 0.00	33.79 1.97 0.00	37.20 2.20 0.00	38.04 2.39 0.00	39.21 2.63 0.00	46.51 3.24 0.00	54.53 3.61 0.00	64.76 3.72 0.00	69.55 3.50 0.00	65.37 2.99 0.00	58.16 2.82 0.00	43.59 2.12 0.00	38.07 1.67 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.47 2.22 0.00	37.99 1.81 0.00	34.59 1.74 0.00	33.95 1.65 0.00	33.60 1.51 0.00	35.49 1.46 0.00	40.14 1.95 0.00	39.62 1.78 0.00	36.54 1.77 0.00	34.53 1.49 0.00	32.11 1.53 0.00	32.77 1.53 0.00	33.51 1.69 0.00	36.92 1.92 0.00	37.79 2.14 0.00	38.99 2.41 0.00	46.25 2.99 0.00	54.68 3.77 0.00	65.44 4.39 0.00	70.54 4.49 0.00	66.37 3.99 0.00	58.88 3.54 0.00	43.92 2.45 0.00	38.29 1.89 0.00
KIAC_JFK_GT1 23816	40.28 2.03 0.00	37.84 1.66 0.00	34.59 1.74 0.00	33.92 1.62 0.00	33.60 1.51 0.00	35.45 1.43 0.00	40.18 1.99 0.00	40.07 2.23 0.00	37.10 2.33 0.00	35.35 2.31 0.00	32.87 2.29 0.00	33.55 2.31 0.00	34.27 2.45 0.00	37.73 2.73 0.00	38.61 2.96 0.00	39.83 3.26 0.00	47.21 3.94 -0.02	55.39 4.48 0.00	65.07 4.03 0.00	69.75 3.70 0.00	65.49 3.12 0.00	58.49 3.15 0.00	43.71 2.24 0.00	38.07 1.67 0.00
KIAC_JFK_GT2 23817	40.28 2.03 0.00	37.84 1.66 0.00	34.59 1.74 0.00	33.92 1.62 0.00	33.60 1.51 0.00	35.45 1.43 0.00	40.18 1.99 0.00	40.07 2.23 0.00	37.10 2.33 0.00	35.35 2.31 0.00	32.87 2.29 0.00	33.55 2.31 0.00	34.27 2.45 0.00	37.73 2.73 0.00	38.61 2.96 0.00	39.83 3.26 0.00	47.21 3.94 -0.02	55.39 4.48 0.00	65.07 4.03 0.00	69.75 3.70 0.00	65.49 3.12 0.00	58.49 3.15 0.00	43.71 2.24 0.00	38.07 1.67 0.00
KIAC_JFK____ 323774	40.28 2.03 0.00	37.85 1.67 0.00	34.59 1.74 0.00	33.92 1.61 0.00	33.60 1.51 0.00	35.45 1.43 0.00	40.17 1.98 0.00	40.07 2.23 0.00	37.10 2.33 0.00	35.35 2.31 0.00	32.90 2.32 0.00	33.62 2.37 0.00	34.27 2.45 0.00	37.73 2.73 0.00	38.60 2.96 0.00	39.83 3.25 0.00	47.21 3.94 -0.02	55.39 4.48 0.00	65.07 4.03 0.00	69.75 3.70 0.00	65.49 3.12 0.00	58.49 3.15 0.00	43.71 2.24 0.00	38.08 1.68 0.00
KINTIGH_24_KV_GSU 356498	34.19 -4.06 0.01	31.73 -4.16 0.29	29.16 -3.68 0.01	28.74 -3.55 0.01	28.52 -3.56 0.01	30.27 -3.74 0.01	29.27 -3.97 4.95	34.34 -3.48 0.01	30.88 -3.23 0.66	30.45 -2.58 0.01	28.12 -2.45 0.01	28.04 -3.00 0.20	28.32 -3.05 0.44	27.78 -3.29 3.93	28.37 -3.39 3.89	28.67 -3.36 4.55	30.26 -4.24 8.77	35.61 -4.58 10.72	41.80 -5.19 14.06	50.41 -5.41 10.23	48.87 -5.55 7.95	43.54 -5.31 6.49	36.98 -4.44 0.06	32.07 -4.08 0.25
KINTIGH____ 23543	34.19 -4.06 0.01	31.73 -4.16 0.29	29.16 -3.68 0.01	28.74 -3.55 0.01	28.52 -3.56 0.01	30.27 -3.74 0.01	29.27 -3.97 4.95	34.34 -3.48 0.01	30.88 -3.23 0.66	30.51 -2.51 0.01	28.15 -2.42 0.01	28.14 -2.91 0.20	28.35 -3.02 0.44	27.78 -3.29 3.93	28.37 -3.39 3.89	28.67 -3.37 4.55	30.26 -4.24 8.77	35.61 -4.58 10.72	41.80 -5.19 14.06	50.48 -5.35 10.23	48.87 -5.55 7.95	43.54 -5.31 6.49	36.98 -4.44 0.06	32.07 -4.08 0.25
KNTFSRNC_46_KV_46KV_LOAD 80397	38.68 0.42 0.00	36.58 0.40 0.00	33.05 0.20 0.00	32.59 0.29 0.00	32.42 0.32 0.00	34.43 0.41 0.00	38.72 0.53 0.00	38.29 0.45 0.00	35.15 0.38 0.00	33.30 0.26 0.00	30.79 0.21 0.00	31.49 0.25 0.00	32.07 0.25 0.00	35.21 0.21 0.00	35.86 0.21 0.00	36.83 0.26 0.00	43.69 0.43 0.00	51.37 0.46 0.00	61.77 0.73 0.00	67.18 1.12 0.00	63.75 1.37 0.00	56.06 0.72 0.00	42.26 0.79 0.00	37.06 0.66 0.00
LACHUTE____HYDRO 323717	40.86 2.60 0.00	38.75 2.57 0.00	35.25 2.40 0.00	34.66 2.36 0.00	34.28 2.18 0.00	36.48 2.45 0.00	40.64 2.45 0.00	39.62 1.78 0.00	36.02 1.25 0.00	33.70 0.66 0.00	30.98 0.40 0.00	32.09 0.84 0.00	32.36 0.54 0.00	35.49 0.49 0.00	36.18 0.54 0.00	37.60 1.02 0.00	45.16 1.90 0.00	53.66 2.75 0.00	65.68 4.64 0.00	73.38 7.33 0.00	69.36 6.98 0.00	61.59 6.25 0.00	45.91 4.44 0.00	40.04 3.64 0.00
LAWRNCV_115KV_TB1 80681	38.10 -0.15 0.00	36.04 -0.14 0.00	32.56 -0.30 0.00	32.11 -0.19 0.00	31.94 -0.16 0.00	33.96 -0.07 0.00	38.15 -0.04 0.00	37.69 -0.15 0.00	34.45 -0.31 0.00	32.68 -0.36 0.00	30.21 -0.37 0.00	30.90 -0.34 0.00	31.50 -0.32 0.00	34.58 -0.42 0.00	35.01 -0.64 0.00	35.77 -0.80 0.00	42.27 -1.00 0.00	49.64 -1.27 0.00	59.76 -1.28 0.00	64.93 -1.12 0.00	61.63 -0.75 0.00	54.45 -0.89 0.00	41.22 -0.25 0.00	36.25 -0.15 0.00
LEDERLE____ 23769	40.13 1.87 0.00	37.74 1.56 0.00	34.40 1.54 0.00	33.76 1.45 0.00	33.48 1.38 0.00	35.28 1.26 0.00	39.87 1.68 0.00	39.54 1.70 0.00	36.54 1.77 0.00	34.69 1.65 0.00	32.26 1.68 0.00	32.96 1.72 0.00	33.67 1.85 0.00	37.06 2.06 0.00	37.89 2.25 0.00	39.10 2.52 0.00	46.33 3.07 0.00	54.37 3.46 0.00	64.76 3.72 0.00	69.62 3.57 0.00	65.43 3.06 0.00	58.16 2.82 0.00	43.55 2.07 0.00	38.04 1.64 0.00
LIGHTHSE_115KV_TB6 355974	37.91 -0.34 0.00	35.82 -0.36 0.00	32.52 -0.33 0.00	32.01 -0.29 0.00	31.81 -0.29 0.00	33.85 -0.17 0.00	38.00 -0.19 0.00	37.65 -0.19 0.00	34.32 -0.45 0.00	32.61 -0.43 0.00	30.09 -0.49 0.00	30.74 -0.50 0.00	31.25 -0.57 0.00	34.40 -0.59 0.00	34.93 -0.71 0.00	35.74 -0.84 0.00	42.18 -1.08 0.00	49.79 -1.12 0.00	60.43 -0.61 0.00	65.59 -0.46 0.00	62.06 -0.31 0.00	54.90 -0.44 0.00	41.14 -0.33 0.00	36.11 -0.29 0.00
LINDEN COGEN____ 23786	40.21 1.95 0.00	37.81 1.63 0.00	34.53 1.67 0.00	33.89 1.58 0.00	33.60 1.51 0.00	35.39 1.36 0.00	40.06 1.87 0.00	39.88 2.04 0.00	36.89 2.12 0.00	35.12 2.08 0.00	32.69 2.11 0.00	33.43 2.19 0.00	34.08 2.26 0.00	37.48 2.49 0.00	38.36 2.71 0.00	39.54 2.96 0.00	46.87 3.59 -0.02	54.93 4.02 0.00	65.07 4.03 0.00	69.82 3.76 0.00	65.55 3.18 0.00	58.38 3.04 0.00	43.67 2.20 0.00	38.11 1.71 0.00
LINDHRST_69_KV_BK1 356055	41.51 3.25 0.00	38.39 2.21 0.00	34.82 1.97 0.00	34.21 1.91 0.00	33.96 1.86 0.00	35.79 1.77 0.00	40.67 2.48 0.00	40.52 2.69 0.00	37.58 2.82 0.00	35.95 2.91 0.00	33.36 2.78 0.00	34.15 2.91 0.00	34.91 3.09 0.00	39.16 3.67 -0.48	41.75 3.89 -2.21	45.72 4.13 -5.00	50.39 5.02 -2.12	64.48 5.60 -7.97	70.16 4.94 -4.17	70.35 4.29 0.00	65.56 3.18 0.00	58.71 3.38 0.00	49.92 3.23 -5.22	42.56 2.73 -3.43
LIPA_MISC_IPP 23656	41.58 3.33 0.00	38.39 2.21 0.00	34.82 1.97 0.00	34.21 1.91 0.00	33.99 1.89 0.00	35.83 1.80 0.00	40.71 2.52 0.00	40.60 2.76 0.00	37.69 2.92 0.00	36.05 3.01 0.00	33.46 2.87 0.00	34.18 2.94 0.00	35.00 3.18 0.00	39.26 3.78 -0.48	41.75 3.89 -2.21	45.50 3.91 -5.00	50.39 5.02 -2.12	59.98 5.50 -3.57	70.82 4.70 -5.08	69.09 3.04 0.00	64.05 1.68 0.00	58.27 2.93 0.00	49.42 3.19 -4.75	42.18 2.66 -3.13

LISF__SOLAR 323691	41.66 3.40 0.00	38.46 2.28 0.00	34.89 2.04 0.00	34.27 1.97 0.00	34.05 1.96 0.00	35.90 1.87 0.00	40.79 2.60 0.00	40.68 2.84 0.00	37.76 2.99 0.00	36.11 3.07 0.00	33.49 2.91 0.00	34.27 3.03 0.00	35.03 3.21 0.00	39.30 3.82 -0.48	41.78 3.92 -2.21	45.57 3.99 -5.00	50.48 5.10 -2.12	60.17 5.65 -3.61	71.05 4.89 -5.12	69.22 3.17 0.00	64.18 1.81 0.00	58.38 3.04 0.00	49.50 3.28 -4.75	42.26 2.73 -3.13
LITTLE FALLS__HYD 24013	39.44 1.19 0.00	37.34 1.16 0.00	33.94 1.08 0.00	33.40 1.10 0.00	33.19 1.09 0.00	35.22 1.19 0.00	39.56 1.37 0.00	39.16 1.32 0.00	35.95 1.18 0.00	34.13 1.09 0.00	31.59 1.01 0.00	32.27 1.03 0.00	32.87 1.05 0.00	36.12 1.12 0.00	36.79 1.14 0.00	37.75 1.17 0.00	44.56 1.30 0.00	52.49 1.58 0.00	63.12 2.08 0.00	68.37 2.31 0.00	64.50 2.12 0.00	57.28 1.94 0.00	43.01 1.53 0.00	37.71 1.31 0.00
LITTLRIV_115KV_TB1 356100	38.41 0.15 0.00	36.36 0.18 0.00	32.82 -0.03 0.00	32.37 0.06 0.00	32.19 0.10 0.00	34.26 0.24 0.00	38.49 0.31 0.00	37.91 0.08 0.00	34.59 -0.17 0.00	32.74 -0.30 0.00	30.28 -0.31 0.00	30.96 -0.28 0.00	31.53 -0.29 0.00	34.65 -0.35 0.00	35.08 -0.57 0.00	35.85 -0.73 0.00	42.40 -0.87 0.00	49.84 -1.07 0.00	60.19 -0.85 0.00	65.46 -0.59 0.00	62.25 -0.12 0.00	54.95 -0.39 0.00	41.60 0.12 0.00	36.55 0.15 0.00
LI_NEWBRDGE__DRP 323616	40.63 2.37 0.00	37.70 1.52 0.00	34.26 1.41 0.00	33.63 1.32 0.00	33.38 1.28 0.00	35.18 1.16 0.00	39.95 1.76 0.00	39.77 1.93 0.00	36.85 2.09 0.00	35.22 2.18 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.21 2.39 0.00	38.32 2.83 -0.48	40.89 3.03 -2.21	44.87 3.29 -5.00	49.36 3.98 -2.12	56.13 4.48 -0.74	65.01 3.66 -0.31	69.35 3.30 0.01	64.74 2.37 0.01	57.77 2.43 0.01	48.24 2.36 -4.41	41.27 1.97 -2.90
LOCKPORT_115KV_TB60_63_64 80432	33.88 -4.36 0.02	31.55 -4.23 0.39	28.92 -3.91 0.02	28.47 -3.81 0.02	28.29 -3.79 0.02	30.16 -3.84 0.02	27.66 -4.01 6.52	34.00 -3.82 0.02	30.68 -3.20 0.88	30.01 -3.01 0.02	27.66 -2.91 0.02	27.72 -3.25 0.28	28.16 -3.05 0.60	26.48 -3.29 5.23	27.08 -3.39 5.18	27.26 -3.33 5.99	27.81 -4.20 11.25	33.05 -4.43 13.43	38.64 -5.07 17.34	48.35 -5.28 12.42	47.26 -5.61 9.50	42.40 -5.26 7.68	36.53 -4.85 0.09	31.90 -4.15 0.35
LOCKPORT__CC1 323769	33.87 -4.36 0.02	31.49 -4.27 0.42	28.92 -3.91 0.02	28.47 -3.81 0.02	28.29 -3.79 0.02	30.16 -3.84 0.02	27.20 -4.05 6.94	34.03 -3.78 0.02	30.59 -3.23 0.94	29.98 -3.04 0.02	27.66 -2.91 0.02	27.95 -3.00 0.29	28.06 -3.12 0.64	26.10 -3.33 5.57	26.71 -3.42 5.52	26.80 -3.40 6.38	27.15 -4.24 11.87	32.27 -4.53 14.11	37.59 -5.19 18.26	47.66 -5.35 13.04	46.82 -5.61 9.94	42.00 -5.31 8.03	36.57 -4.81 0.09	31.84 -4.18 0.37
LOCKPORT__CC2 323770	33.87 -4.36 0.02	31.49 -4.27 0.42	28.92 -3.91 0.02	28.47 -3.81 0.02	28.29 -3.79 0.02	30.16 -3.84 0.02	27.20 -4.05 6.94	34.03 -3.78 0.02	30.59 -3.23 0.94	29.98 -3.04 0.02	27.66 -2.91 0.02	27.95 -3.00 0.29	28.06 -3.12 0.64	26.10 -3.33 5.57	26.71 -3.42 5.52	26.80 -3.40 6.38	27.15 -4.24 11.87	32.27 -4.53 14.11	37.59 -5.19 18.26	47.66 -5.35 13.04	46.82 -5.61 9.94	42.00 -5.31 8.03	36.57 -4.81 0.09	31.84 -4.18 0.37
LOCKPORT__CC3 323771	33.87 -4.36 0.02	31.49 -4.27 0.42	28.92 -3.91 0.02	28.47 -3.81 0.02	28.29 -3.79 0.02	30.16 -3.84 0.02	27.20 -4.05 6.94	34.03 -3.78 0.02	30.59 -3.23 0.94	29.98 -3.04 0.02	27.66 -2.91 0.02	27.95 -3.00 0.29	28.06 -3.12 0.64	26.10 -3.33 5.57	26.71 -3.42 5.52	26.80 -3.40 6.38	27.15 -4.24 11.87	32.27 -4.53 14.11	37.59 -5.19 18.26	47.66 -5.35 13.04	46.82 -5.61 9.94	42.00 -5.31 8.03	36.57 -4.81 0.09	31.84 -4.18 0.37
LOCUSVLY_69_KV_BK2 55797	40.97 2.72 0.00	38.10 1.92 0.00	34.63 1.77 0.00	33.98 1.68 0.00	33.73 1.64 0.00	35.56 1.53 0.00	40.33 2.14 0.00	40.15 2.31 0.00	37.20 2.43 0.00	35.52 2.48 0.00	33.03 2.45 0.00	33.80 2.56 0.00	34.52 2.70 0.00	38.63 3.15 -0.48	41.25 3.39 -2.21	45.24 3.66 -5.00	49.79 4.41 -2.12	68.41 4.89 -12.61	71.06 4.39 -5.63	70.02 3.96 0.00	65.50 3.12 0.00	58.50 3.15 0.00	51.04 2.82 -6.75	43.17 2.33 -4.44
LONG_LAKE_PHOENIX 24014	37.38 -0.88 0.00	35.35 -0.83 0.00	32.10 -0.76 0.00	31.56 -0.74 0.00	31.36 -0.74 0.00	33.31 -0.71 0.00	37.35 -0.84 0.00	37.12 -0.72 0.00	34.04 -0.73 0.00	32.38 -0.66 0.00	29.94 -0.64 0.00	30.56 -0.69 0.00	31.09 -0.73 0.00	34.23 -0.77 0.00	34.79 -0.86 0.00	35.59 -0.99 0.00	42.40 -1.25 -0.40	50.49 -1.32 -0.90	61.17 -1.28 -1.41	66.09 -1.26 -1.29	62.41 -1.19 -1.22	55.28 -1.16 -1.10	40.44 -1.04 0.00	35.53 -0.87 0.00
LOVETT__3 23632	39.94 1.68 0.00	37.59 1.41 0.00	34.26 1.41 0.00	33.66 1.36 0.00	33.35 1.25 0.00	35.18 1.16 0.00	39.72 1.53 0.00	39.47 1.63 0.00	36.44 1.67 0.00	34.63 1.59 0.00	32.20 1.62 0.00	32.90 1.66 0.00	33.60 1.78 0.00	36.96 1.96 0.00	37.82 2.17 0.00	38.99 2.41 0.00	46.20 2.94 0.00	54.17 3.26 0.00	64.40 3.36 0.00	69.16 3.10 0.00	64.99 2.62 0.00	57.88 2.55 0.00	43.34 1.87 0.00	37.89 1.49 0.00
LOVETT__4 23642	39.94 1.68 0.00	37.59 1.41 0.00	34.26 1.41 0.00	33.66 1.36 0.00	33.35 1.25 0.00	35.18 1.16 0.00	39.72 1.53 0.00	39.47 1.63 0.00	36.44 1.67 0.00	34.63 1.59 0.00	32.20 1.62 0.00	32.90 1.66 0.00	33.60 1.78 0.00	36.96 1.96 0.00	37.82 2.17 0.00	38.99 2.41 0.00	46.20 2.94 0.00	54.17 3.26 0.00	64.40 3.36 0.00	69.16 3.10 0.00	64.99 2.62 0.00	57.88 2.55 0.00	43.34 1.87 0.00	37.89 1.49 0.00
LOVETT__5 23593	39.94 1.68 0.00	37.59 1.41 0.00	34.26 1.41 0.00	33.66 1.36 0.00	33.35 1.25 0.00	35.18 1.16 0.00	39.72 1.53 0.00	39.47 1.63 0.00	36.44 1.67 0.00	34.63 1.59 0.00	32.20 1.62 0.00	32.90 1.66 0.00	33.60 1.78 0.00	36.96 1.96 0.00	37.82 2.17 0.00	38.99 2.41 0.00	46.20 2.94 0.00	54.17 3.26 0.00	64.40 3.36 0.00	69.16 3.10 0.00	64.99 2.62 0.00	57.88 2.55 0.00	43.34 1.87 0.00	37.89 1.49 0.00
LOWER RAQUET__HYD 24057	38.03 -0.23 0.00	35.96 -0.22 0.00	32.49 -0.36 0.00	32.04 -0.26 0.00	31.87 -0.22 0.00	33.89 -0.14 0.00	38.11 -0.08 0.00	37.61 -0.23 0.00	34.39 -0.38 0.00	32.58 -0.46 0.00	30.12 -0.46 0.00	30.81 -0.44 0.00	31.41 -0.41 0.00	34.48 -0.52 0.00	34.86 -0.78 0.00	35.59 -0.99 0.00	42.05 -1.21 0.00	49.39 -1.53 0.00	59.52 -1.52 0.00	64.73 -1.32 0.00	61.44 -0.93 0.00	54.23 -1.11 0.00	41.10 -0.37 0.00	36.15 -0.25 0.00
LOWER__HUDSON 24059	39.48 1.22 0.00	37.34 1.16 0.00	34.03 1.18 0.00	33.43 1.13 0.00	33.09 1.00 0.00	35.08 1.06 0.00	39.33 1.14 0.00	38.71 0.87 0.00	35.57 0.80 0.00	33.73 0.69 0.00	31.19 0.61 0.00	31.93 0.69 0.00	32.49 0.67 0.00	35.70 0.70 0.00	36.43 0.78 0.00	37.53 0.95 0.00	44.65 1.38 0.00	52.49 1.58 0.00	62.87 1.83 0.00	68.17 2.11 0.00	64.43 2.06 0.00	57.39 2.05 0.00	43.05 1.58 0.00	37.71 1.31 0.00

LOWVILLE_115KV_TB2 356335	38.37 0.11 0.00	36.25 0.07 0.00	32.95 0.10 0.00	32.66 0.36 0.00	32.45 0.35 0.00	34.64 0.61 0.00	38.88 0.69 0.00	38.48 0.64 0.00	34.80 0.03 0.00	33.11 0.07 0.00	30.49 -0.09 0.00	31.09 -0.16 0.00	31.57 -0.25 0.00	34.72 -0.28 0.00	35.18 -0.46 0.00	36.03 -0.55 0.00	42.66 -0.61 0.00	50.45 -0.46 0.00	61.65 0.61 0.00	66.98 0.92 0.00	63.44 1.06 0.00	56.28 0.94 0.00	42.22 0.75 0.00	36.91 0.51 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.79 1.53 0.00	37.66 1.48 0.00	34.30 1.45 0.00	33.69 1.39 0.00	33.38 1.28 0.00	35.39 1.36 0.00	39.64 1.45 0.00	38.90 1.06 0.00	35.60 0.83 0.00	33.67 0.63 0.00	31.07 0.49 0.00	31.90 0.66 0.00	32.39 0.57 0.00	35.59 0.59 0.00	36.29 0.64 0.00	37.49 0.91 0.00	44.65 1.38 0.00	52.69 1.78 0.00	63.42 2.38 0.00	69.22 3.17 0.00	65.37 2.99 0.00	58.16 2.82 0.00	43.55 2.07 0.00	38.11 1.71 0.00
LUTHERNY_35_KV_BK2 355980	39.82 1.57 0.00	37.66 1.48 0.00	34.30 1.45 0.00	33.73 1.42 0.00	33.38 1.28 0.00	35.42 1.40 0.00	39.64 1.45 0.00	38.90 1.06 0.00	35.64 0.87 0.00	33.67 0.63 0.00	31.10 0.52 0.00	31.93 0.69 0.00	32.39 0.57 0.00	35.63 0.63 0.00	36.32 0.68 0.00	37.53 0.95 0.00	44.69 1.43 0.00	52.69 1.78 0.00	63.48 2.44 0.00	69.29 3.24 0.00	65.43 3.06 0.00	58.22 2.88 0.00	43.59 2.12 0.00	38.15 1.75 0.00
LWR__OSWEGATCHIE_HYD 23850	38.22 -0.04 0.00	36.11 -0.07 0.00	32.75 -0.10 0.00	32.37 0.06 0.00	32.19 0.10 0.00	34.33 0.31 0.00	38.53 0.34 0.00	38.07 0.23 0.00	34.52 -0.24 0.00	32.77 -0.26 0.00	30.24 -0.34 0.00	30.87 -0.37 0.00	31.37 -0.45 0.00	34.51 -0.49 0.00	34.90 -0.75 0.00	35.70 -0.88 0.00	42.27 -1.00 0.00	49.89 -1.02 0.00	60.80 -0.24 0.00	66.05 0.00 0.00	62.62 0.25 0.00	55.45 0.11 0.00	41.76 0.29 0.00	36.58 0.18 0.00
LYONS_FALL_HYD 23570	38.53 0.27 0.00	36.40 0.22 0.00	33.08 0.23 0.00	32.69 0.39 0.00	32.45 0.35 0.00	34.57 0.54 0.00	38.80 0.61 0.00	38.41 0.57 0.00	34.87 0.10 0.00	33.14 0.10 0.00	30.58 0.00 0.00	31.21 -0.03 0.00	31.72 -0.10 0.00	34.89 -0.10 0.00	35.40 -0.25 0.00	36.28 -0.29 0.00	42.96 -0.30 0.00	50.76 -0.15 0.00	61.78 0.74 0.00	67.05 0.99 0.00	63.37 0.99 0.00	56.22 0.88 0.00	42.18 0.70 0.00	36.87 0.47 0.00
MADISON__COUNTY_LFGE 323628	38.79 0.54 0.00	36.61 0.43 0.00	33.28 0.43 0.00	32.72 0.42 0.00	32.48 0.39 0.00	34.57 0.54 0.00	38.80 0.61 0.00	38.37 0.53 0.00	35.01 0.24 0.00	33.24 0.20 0.00	30.67 0.09 0.00	31.40 0.16 0.00	31.95 0.13 0.00	35.17 0.17 0.00	35.75 0.11 0.00	36.65 0.07 0.00	43.15 0.09 0.20	50.82 0.36 0.45	61.45 1.10 0.69	66.74 1.32 0.64	63.09 1.31 0.60	55.85 1.05 0.54	42.18 0.71 0.00	36.91 0.51 0.00
MALONE__115KV_TB1 356076	38.45 0.19 0.00	36.40 0.22 0.00	32.85 0.00 0.00	32.40 0.10 0.00	32.22 0.13 0.00	34.26 0.24 0.00	38.57 0.38 0.00	38.10 0.26 0.00	34.94 0.17 0.00	33.11 0.07 0.00	30.64 0.06 0.00	31.34 0.09 0.00	31.92 0.10 0.00	35.03 0.03 0.00	35.61 -0.04 0.00	36.54 -0.04 0.00	43.30 0.04 0.00	50.86 -0.05 0.00	61.22 0.18 0.00	66.58 0.53 0.00	63.25 0.87 0.00	55.56 0.22 0.00	41.97 0.50 0.00	36.84 0.44 0.00
MAPLEWOD_115KV_TB3 80458	39.37 1.11 0.00	37.23 1.05 0.00	33.94 1.08 0.00	33.34 1.03 0.00	32.99 0.90 0.00	34.94 0.92 0.00	39.18 0.99 0.00	38.56 0.72 0.00	35.46 0.70 0.00	33.63 0.59 0.00	31.10 0.52 0.00	31.90 0.66 0.00	32.42 0.60 0.00	35.66 0.66 0.00	36.40 0.75 0.00	37.49 0.91 0.00	44.56 1.30 0.00	52.29 1.37 0.00	62.63 1.59 0.00	67.97 1.92 0.00	64.18 1.81 0.00	57.11 1.77 0.00	42.88 1.41 0.00	37.57 1.16 0.00
MAPLE_RIDGE_WT_1 323574	37.80 -0.46 0.00	35.78 -0.40 0.00	32.49 -0.36 0.00	32.01 -0.29 0.00	31.81 -0.29 0.00	33.75 -0.27 0.00	37.92 -0.27 0.00	37.61 -0.23 0.00	34.59 -0.17 0.00	32.87 -0.16 0.00	30.40 -0.18 0.00	31.03 -0.22 0.00	31.56 -0.26 0.00	34.68 -0.32 0.00	35.33 -0.32 0.00	36.25 -0.33 0.00	42.91 -0.35 0.00	50.50 -0.41 0.00	60.62 -0.42 0.00	65.66 -0.39 0.00	61.94 -0.43 0.00	54.89 -0.44 0.00	41.14 -0.33 0.00	36.07 -0.33 0.00
MAPLE_RIDGE_WT_2 323611	37.80 -0.46 0.00	35.78 -0.40 0.00	32.49 -0.36 0.00	32.01 -0.29 0.00	31.81 -0.29 0.00	33.75 -0.27 0.00	37.92 -0.27 0.00	37.61 -0.23 0.00	34.59 -0.17 0.00	32.87 -0.16 0.00	30.40 -0.18 0.00	31.03 -0.22 0.00	31.56 -0.26 0.00	34.68 -0.32 0.00	35.33 -0.32 0.00	36.25 -0.33 0.00	42.91 -0.35 0.00	50.50 -0.41 0.00	60.62 -0.42 0.00	65.66 -0.39 0.00	61.94 -0.43 0.00	54.89 -0.44 0.00	41.14 -0.33 0.00	36.07 -0.33 0.00
MARBLE_RIVER_WT_PWR 323696	38.26 0.00 0.00	36.18 0.00 0.00	32.72 -0.13 0.00	32.24 -0.06 0.00	32.06 -0.03 0.00	34.06 0.03 0.00	38.27 0.08 0.00	37.88 0.04 0.00	34.80 0.03 0.00	33.01 -0.03 0.00	30.55 -0.03 0.00	31.21 -0.03 0.00	31.76 -0.06 0.00	34.86 -0.14 0.00	35.51 -0.14 0.00	36.47 -0.11 0.00	43.17 -0.09 0.00	50.76 -0.15 0.00	60.92 -0.12 0.00	66.12 0.07 0.00	62.56 0.19 0.00	55.28 -0.06 0.00	41.64 0.17 0.00	36.55 0.15 0.00
MARSHVLE_115KV_TB1 80742	39.52 1.26 0.00	37.41 1.23 0.00	34.00 1.15 0.00	33.43 1.13 0.00	33.16 1.06 0.00	35.28 1.26 0.00	39.26 1.07 0.00	37.95 0.11 0.00	34.18 -0.59 0.00	31.95 -1.09 0.00	29.42 -1.16 0.00	30.40 -0.84 0.00	30.87 -0.95 0.00	33.95 -1.05 0.00	34.58 -1.07 0.00	35.66 -0.91 0.00	42.44 -0.82 0.00	50.61 -0.31 0.00	62.63 1.59 0.00	69.42 3.37 0.00	65.62 3.24 0.00	58.11 2.77 0.00	43.46 1.99 0.00	37.89 1.49 0.00
MARSH_HILL_WT_PWR 323713	36.67 -1.68 -0.09	36.41 -1.74 -1.96	31.24 -1.71 -0.09	30.65 -1.74 -0.09	30.52 -1.67 -0.09	32.72 -1.40 -0.09	70.13 -1.41 -33.35	36.72 -1.21 -0.09	37.82 -1.43 -4.48	31.58 -1.55 -0.09	29.15 -1.53 -0.09	31.09 -1.53 -1.38	33.36 -1.50 -3.03	60.21 -1.54 -26.75	60.59 -1.53 -26.47	65.91 -1.32 -30.65	94.69 -1.56 -52.98	108.15 -1.17 -58.41	133.56 -0.55 -73.07	115.38 0.20 -49.13	97.54 0.19 -34.98	81.81 -0.44 -26.91	40.72 -1.12 -0.37	36.72 -1.42 -1.74
MCINTYRE_115KV_TB2 80467	38.71 0.46 0.00	36.61 0.43 0.00	33.05 0.20 0.00	32.59 0.29 0.00	32.42 0.32 0.00	34.47 0.44 0.00	38.72 0.53 0.00	38.10 0.26 0.00	34.73 -0.03 0.00	32.87 -0.17 0.00	30.37 -0.21 0.00	31.06 -0.19 0.00	31.66 -0.16 0.00	34.75 -0.24 0.00	35.26 -0.39 0.00	36.07 -0.51 0.00	42.74 -0.52 0.00	50.25 -0.66 0.00	60.67 -0.37 0.00	66.12 0.07 0.00	62.81 0.44 0.00	55.45 0.11 0.00	41.97 0.50 0.00	36.87 0.47 0.00
MECO____69_KV_BK1 80468	40.21 1.95 0.00	38.06 1.88 0.00	34.59 1.74 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.90 1.87 0.00	39.91 1.72 0.00	38.59 0.76 0.00	34.77 0.00 0.00	32.48 -0.56 0.00	29.88 -0.70 0.00	30.87 -0.37 0.00	31.31 -0.51 0.00	34.44 -0.56 0.00	35.11 -0.53 0.00	36.29 -0.29 0.00	43.35 0.09 0.00	51.68 0.76 0.00	63.67 2.62 0.00	70.68 4.62 0.00	66.93 4.55 0.00	59.27 3.93 0.00	44.29 2.82 0.00	38.62 2.22 0.00

MENANDS__115KV_TB5 355628	39.17 0.92 0.00	37.08 0.90 0.00	33.77 0.92 0.00	33.18 0.87 0.00	32.87 0.77 0.00	34.81 0.78 0.00	39.03 0.84 0.00	38.41 0.57 0.00	35.32 0.56 0.00	33.53 0.50 0.00	31.01 0.43 0.00	31.81 0.56 0.00	32.33 0.51 0.00	35.59 0.59 0.00	36.29 0.64 0.00	37.38 0.80 0.00	44.39 1.12 0.00	52.03 1.12 0.00	62.26 1.22 0.00	67.51 1.45 0.00	63.75 1.37 0.00	56.72 1.38 0.00	42.63 1.16 0.00	37.38 0.98 0.00
MG INDUSTRY__DRP 24185	39.21 0.96 0.00	37.16 0.98 0.00	33.84 0.99 0.00	33.24 0.94 0.00	32.93 0.83 0.00	34.84 0.82 0.00	38.99 0.80 0.00	38.33 0.49 0.00	35.18 0.42 0.00	33.34 0.30 0.00	30.83 0.24 0.00	31.59 0.34 0.00	32.14 0.32 0.00	35.38 0.38 0.00	36.08 0.43 0.00	37.16 0.59 0.00	44.08 0.82 0.00	51.78 0.87 0.00	62.14 1.10 0.00	67.51 1.45 0.00	63.75 1.37 0.00	56.78 1.44 0.00	42.59 1.12 0.00	37.35 0.95 0.00
MID__OSWEGATCHIE_HYD 23849	38.22 -0.04 0.00	36.11 -0.07 0.00	32.75 -0.10 0.00	32.37 0.06 0.00	32.19 0.10 0.00	34.33 0.31 0.00	38.53 0.34 0.00	38.07 0.23 0.00	34.52 -0.24 0.00	32.77 -0.26 0.00	30.24 -0.34 0.00	30.87 -0.37 0.00	31.37 -0.45 0.00	34.51 -0.49 0.00	34.90 -0.75 0.00	35.70 -0.88 0.00	42.27 -1.00 0.00	49.89 -1.02 0.00	60.80 -0.24 0.00	66.05 0.00 0.00	62.62 0.25 0.00	55.45 0.11 0.00	41.76 0.29 0.00	36.58 0.18 0.00
MID__RAQUETTE_HYD 23851	38.03 -0.23 0.00	35.96 -0.22 0.00	32.49 -0.36 0.00	32.05 -0.26 0.00	31.87 -0.22 0.00	33.89 -0.14 0.00	38.11 -0.08 0.00	37.61 -0.23 0.00	34.38 -0.38 0.00	32.58 -0.46 0.00	30.12 -0.46 0.00	30.81 -0.44 0.00	31.41 -0.41 0.00	34.47 -0.52 0.00	34.86 -0.78 0.00	35.59 -0.99 0.00	42.05 -1.21 0.00	49.38 -1.53 0.00	59.51 -1.53 0.00	64.67 -1.39 0.00	61.44 -0.94 0.00	54.23 -1.11 0.00	41.10 -0.37 0.00	36.15 -0.25 0.00
MILLIKEN__1 23584	38.53 0.27 -0.01	36.52 0.18 -0.16	32.99 0.13 -0.01	32.41 0.10 -0.01	32.20 0.10 -0.01	34.30 0.27 -0.01	41.26 0.31 -2.76	38.19 0.34 -0.01	35.21 0.07 -0.37	32.98 -0.07 -0.01	30.47 -0.12 -0.01	31.23 -0.12 -0.11	31.94 -0.13 -0.25	37.10 -0.10 -2.21	37.73 -0.11 -2.18	39.05 -0.07 -2.54	47.41 -0.09 -4.24	55.65 0.25 -4.48	67.45 0.92 -5.49	70.93 1.32 -3.55	66.10 1.31 -2.41	58.07 0.94 -1.79	41.88 0.37 -0.03	36.73 0.18 -0.14
MILLIKEN__2 23585	38.53 0.27 -0.01	36.52 0.18 -0.16	32.99 0.13 -0.01	32.41 0.10 -0.01	32.20 0.10 -0.01	34.30 0.27 -0.01	41.26 0.31 -2.76	38.19 0.34 -0.01	35.21 0.07 -0.37	32.98 -0.07 -0.01	30.47 -0.12 -0.01	31.23 -0.12 -0.11	31.94 -0.13 -0.25	37.10 -0.10 -2.21	37.73 -0.11 -2.18	39.05 -0.07 -2.54	47.41 -0.09 -4.24	55.65 0.25 -4.48	67.45 0.92 -5.49	70.93 1.32 -3.55	66.10 1.31 -2.41	58.07 0.94 -1.79	41.88 0.37 -0.03	36.73 0.18 -0.14
MILLIKEN__DIESEL 23629	38.53 0.27 -0.01	36.52 0.18 -0.16	32.99 0.13 -0.01	32.41 0.10 -0.01	32.20 0.10 -0.01	34.30 0.27 -0.01	41.26 0.31 -2.76	38.19 0.34 -0.01	35.21 0.07 -0.37	32.98 -0.07 -0.01	30.47 -0.12 -0.01	31.23 -0.12 -0.11	31.94 -0.13 -0.25	37.10 -0.10 -2.21	37.73 -0.11 -2.18	39.05 -0.07 -2.54	47.41 -0.09 -4.24	55.65 0.25 -4.48	67.45 0.92 -5.49	70.93 1.32 -3.55	66.10 1.31 -2.41	58.07 0.94 -1.79	41.88 0.37 -0.03	36.73 0.18 -0.14
MILLSEAT__LFGE 323607	34.64 -3.60 0.02	32.26 -3.58 0.34	29.52 -3.32 0.02	29.09 -3.20 0.02	28.94 -3.14 0.02	30.81 -3.20 0.02	29.27 -3.25 5.67	34.76 -3.06 0.02	31.39 -2.61 0.77	30.54 -2.48 0.02	28.15 -2.42 0.02	28.57 -2.44 0.24	28.75 -2.55 0.52	27.76 -2.69 4.55	28.33 -2.82 4.50	28.63 -2.74 5.21	29.86 -3.50 9.90	35.42 -3.57 11.93	41.91 -3.66 15.47	51.33 -3.57 11.15	49.79 -3.99 8.60	44.37 -3.99 6.99	37.50 -3.90 0.08	32.67 -3.42 0.30
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.05 1.80 0.00	37.70 1.52 0.00	34.40 1.54 0.00	33.76 1.45 0.00	33.48 1.38 0.00	35.28 1.26 0.00	39.83 1.64 0.00	39.58 1.74 0.00	36.54 1.77 0.00	34.76 1.72 0.00	32.32 1.74 0.00	33.02 1.78 0.00	33.70 1.88 0.00	37.10 2.10 0.00	37.93 2.28 0.00	39.10 2.52 0.00	46.33 3.07 0.00	54.32 3.41 0.00	64.64 3.60 0.00	69.42 3.37 0.00	65.24 2.87 0.00	58.05 2.71 0.00	43.51 2.03 0.00	38.00 1.60 0.00
MILLWOOD_13_KV_LOAD 356217	40.13 1.87 0.00	37.77 1.59 0.00	34.46 1.61 0.00	33.82 1.52 0.00	33.54 1.44 0.00	35.35 1.33 0.00	39.95 1.76 0.00	39.65 1.82 0.00	36.61 1.84 0.00	34.79 1.75 0.00	32.39 1.80 0.00	33.05 1.81 0.00	33.76 1.94 0.00	37.13 2.13 0.00	38.00 2.35 0.00	39.18 2.60 0.00	46.42 3.16 0.00	54.48 3.56 0.00	64.83 3.78 0.00	69.69 3.63 0.00	65.37 2.99 0.00	58.22 2.88 0.00	43.59 2.12 0.00	38.07 1.67 0.00
MODEL_CITY_ENERGY 24167	33.61 -4.63 0.02	31.32 -4.45 0.41	28.72 -4.11 0.02	28.28 -4.01 0.02	28.10 -3.98 0.02	29.92 -4.08 0.02	27.05 -4.32 6.82	33.62 -4.20 0.02	30.44 -3.41 0.92	29.65 -3.37 0.02	27.38 -3.18 0.02	27.80 -3.15 0.29	27.91 -3.28 0.63	26.03 -3.53 5.44	26.63 -3.64 5.38	26.69 -3.62 6.27	26.93 -4.54 11.79	32.00 -4.89 14.03	37.26 -5.74 18.04	47.09 -6.08 12.89	46.24 -6.30 9.83	41.60 -5.81 7.93	36.07 -5.31 0.10	31.66 -4.37 0.37
MODERN_LFGE__ 323580	33.61 -4.63 0.02	31.32 -4.45 0.41	28.72 -4.11 0.02	28.28 -4.01 0.02	28.10 -3.98 0.02	29.92 -4.08 0.02	27.05 -4.32 6.82	33.62 -4.20 0.02	30.44 -3.41 0.92	29.65 -3.37 0.02	27.38 -3.18 0.02	27.80 -3.15 0.29	27.91 -3.28 0.63	26.03 -3.53 5.44	26.63 -3.64 5.38	26.69 -3.62 6.27	26.93 -4.54 11.79	32.00 -4.89 14.03	37.26 -5.74 18.04	47.09 -6.08 12.89	46.24 -6.30 9.83	41.60 -5.81 7.93	36.07 -5.31 0.10	31.66 -4.37 0.37
MOHAWK_PAPER__DRP 24187	39.37 1.11 0.00	37.23 1.05 0.00	33.94 1.08 0.00	33.34 1.03 0.00	32.99 0.90 0.00	34.94 0.92 0.00	39.18 0.99 0.00	38.56 0.72 0.00	35.46 0.70 0.00	33.63 0.59 0.00	31.10 0.52 0.00	31.90 0.66 0.00	32.42 0.60 0.00	35.66 0.66 0.00	36.40 0.75 0.00	37.49 0.91 0.00	44.56 1.30 0.00	52.29 1.37 0.00	62.63 1.59 0.00	67.97 1.92 0.00	64.18 1.81 0.00	57.11 1.77 0.00	42.88 1.41 0.00	37.57 1.16 0.00
MOHICAN__35_KV_115KV_LD 80490	39.79 1.53 0.00	37.66 1.48 0.00	34.30 1.45 0.00	33.73 1.42 0.00	33.38 1.28 0.00	35.42 1.40 0.00	39.64 1.45 0.00	38.78 0.95 0.00	35.43 0.66 0.00	33.34 0.30 0.00	30.73 0.15 0.00	31.56 0.31 0.00	31.95 0.13 0.00	35.03 0.03 0.00	35.68 0.04 0.00	37.13 0.55 0.00	44.34 1.08 0.00	52.54 1.63 0.00	63.67 2.62 0.00	70.08 4.03 0.00	66.18 3.80 0.00	58.83 3.49 0.00	44.00 2.53 0.00	38.44 2.04 0.00
MONGAUP__HYD 23641	39.94 1.68 0.00	37.55 1.37 0.00	34.20 1.35 0.00	33.56 1.26 0.00	33.22 1.12 0.00	35.08 1.06 0.00	39.60 1.41 0.00	39.05 1.21 0.00	35.95 1.18 0.00	34.10 1.06 0.00	31.65 1.07 0.00	32.37 1.12 0.00	33.00 1.18 0.00	36.33 1.33 0.00	37.14 1.50 0.00	38.30 1.72 0.00	45.38 2.12 0.00	53.56 2.65 0.00	64.15 3.11 0.00	69.29 3.24 0.00	65.31 2.93 0.00	58.00 2.66 0.00	43.34 1.87 0.00	37.82 1.42 0.00

MONTAUK___DIESEL 23721	41.70 3.44 0.00	38.42 2.24 0.00	34.89 2.04 0.00	34.37 2.07 0.00	34.25 2.15 0.00	36.17 2.14 0.00	41.28 3.09 0.00	41.32 3.48 0.00	38.49 3.72 0.00	37.00 3.96 0.00	34.31 3.73 0.00	34.96 3.72 0.00	35.61 3.79 0.00	39.89 4.41 -0.48	42.28 4.42 -2.21	45.97 4.39 -5.00	51.09 5.71 -2.12	61.06 6.57 -3.58	72.00 5.86 -5.10	69.88 3.83 0.00	64.43 2.06 0.00	58.66 3.32 0.00	49.62 3.40 -4.75	42.37 2.84 -3.13
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.06 -3.18 0.02	32.44 -3.22 0.52	29.67 -3.15 0.02	29.08 -3.20 0.02	28.83 -3.24 0.02	31.04 -2.96 0.02	26.64 -3.06 8.49	35.43 -2.38 0.02	31.43 -2.16 1.18	30.80 -2.21 0.02	28.35 -2.20 0.02	28.88 -2.00 0.36	28.83 -2.20 0.80	25.67 -2.31 7.02	26.45 -2.25 6.95	26.76 -2.01 7.81	26.49 -2.42 14.35	31.72 -2.39 16.80	37.42 -2.20 21.42	49.00 -1.92 15.13	48.53 -2.43 11.41	43.07 -3.10 9.17	38.48 -2.90 0.09	32.88 -3.06 0.46
MORRIS_RIDGE___SOLAR 323848	35.94 -2.22 0.10	31.94 -2.24 2.00	30.65 -2.10 0.10	30.08 -2.13 0.10	29.92 -2.09 0.10	32.02 -1.90 0.10	2.44 -2.06 33.69	35.77 -1.97 0.10	28.13 -2.09 4.55	30.80 -2.15 0.10	28.41 -2.08 0.10	27.78 -2.06 1.40	26.67 -2.07 3.08	5.62 -2.20 27.18	6.54 -2.21 26.90	3.54 -2.08 30.96	-13.68 -2.46 54.47	-12.72 -2.39 61.24	-18.43 -2.19 77.28	11.50 -1.72 52.84	22.44 -1.56 38.38	23.53 -1.82 29.98	39.11 -1.99 0.38	32.55 -2.07 1.77
MORTIMER_115KV_TB3 55949	35.65 -2.60 0.00	33.34 -2.75 0.09	30.42 -2.43 0.00	29.97 -2.33 0.00	29.81 -2.28 0.00	31.60 -2.42 0.00	34.07 -2.52 1.60	35.71 -2.12 0.00	32.50 -2.05 0.21	31.58 -1.45 0.00	29.11 -1.47 0.00	29.46 -1.72 0.07	29.83 -1.85 0.14	31.73 -1.99 1.27	32.25 -2.14 1.26	32.98 -2.12 1.47	37.13 -2.73 3.41	43.40 -2.75 4.76	51.75 -2.75 6.54	58.28 -2.64 5.14	55.21 -2.87 4.29	48.64 -3.04 3.66	38.75 -2.70 0.02	33.70 -2.62 0.08
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.32 2.07 0.00	37.92 1.74 0.00	34.63 1.77 0.00	33.98 1.68 0.00	33.67 1.57 0.00	35.45 1.43 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.89 2.12 0.00	35.12 2.08 0.00	32.69 2.11 0.00	33.37 2.12 0.00	34.08 2.26 0.00	37.48 2.48 0.00	38.36 2.71 0.00	39.54 2.96 0.00	46.89 3.63 0.01	54.93 4.02 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.62 3.24 0.00	58.44 3.10 0.00	43.75 2.28 0.00	38.22 1.82 0.00
MUNSVILLE_WIND_PWR 323609	40.06 1.80 -0.01	37.90 1.59 -0.13	34.30 1.44 -0.01	33.70 1.39 -0.01	33.45 1.35 -0.01	35.87 1.84 -0.01	42.42 1.98 -2.24	39.62 1.78 -0.01	35.97 0.90 -0.30	33.54 0.50 -0.01	30.77 0.18 -0.01	31.74 0.41 -0.09	32.34 0.32 -0.20	37.20 0.42 -1.78	37.73 0.32 -1.76	39.00 0.37 -2.06	47.26 0.61 -3.39	55.97 1.53 -3.53	69.19 3.85 -4.30	73.29 4.49 -2.74	68.44 4.24 -1.82	60.09 3.43 -1.32	43.69 2.20 -0.02	38.04 1.53 -0.12
N SALMON___HYD 24042	38.45 0.19 0.00	36.40 0.22 0.00	32.85 0.00 0.00	32.40 0.10 0.00	32.22 0.13 0.00	34.26 0.24 0.00	38.57 0.38 0.00	38.10 0.27 0.00	34.94 0.17 0.00	33.11 0.07 0.00	30.64 0.06 0.00	31.34 0.09 0.00	31.92 0.10 0.00	35.03 0.04 0.00	35.61 -0.04 0.00	36.54 -0.04 0.00	43.30 0.04 0.00	50.86 -0.05 0.00	61.22 0.18 0.00	66.65 0.59 0.00	63.25 0.87 0.00	55.56 0.22 0.00	41.97 0.50 0.00	36.84 0.44 0.00
N.AKRON__115KV_KNAPP 355671	34.57 -3.67 0.02	32.21 -3.62 0.35	29.48 -3.35 0.02	29.06 -3.23 0.02	28.90 -3.18 0.02	30.78 -3.23 0.02	29.05 -3.28 5.86	34.72 -3.10 0.02	31.33 -2.64 0.79	30.58 -2.44 0.02	28.15 -2.42 0.02	28.28 -2.72 0.25	28.73 -2.55 0.54	27.57 -2.73 4.70	28.14 -2.85 4.65	28.41 -2.78 5.38	29.51 -3.55 10.20	35.08 -3.56 12.27	41.37 -3.78 15.89	50.92 -3.70 11.44	49.46 -4.12 8.80	44.10 -4.10 7.14	37.41 -3.98 0.08	32.63 -3.46 0.31
N.BELMOR_69_KV_BK1 55787	41.01 2.75 0.00	38.06 1.88 0.00	34.56 1.71 0.00	33.92 1.62 0.00	33.67 1.57 0.00	35.49 1.46 0.00	40.29 2.10 0.00	40.11 2.27 0.00	37.17 2.40 0.00	35.52 2.48 0.00	33.00 2.42 0.00	33.77 2.53 0.00	34.52 2.70 0.00	38.67 3.18 -0.48	41.25 3.39 -2.21	45.24 3.66 -5.00	49.83 4.46 -2.12	73.61 5.04 -17.66	72.92 4.46 -7.42	70.16 4.10 -0.01	65.57 3.18 -0.01	58.45 3.10 -0.01	50.57 2.78 -6.32	42.89 2.33 -4.16
N.E._GEN_SANDY PD 24062	39.59 1.34 0.00	37.37 1.19 0.00	34.10 1.25 0.00	33.50 1.20 0.00	33.15 1.06 0.00	35.04 1.02 0.00	39.41 1.22 0.00	38.90 1.06 0.00	35.81 1.04 0.00	34.10 1.06 0.00	31.56 0.98 0.00	32.24 1.00 0.00	32.84 1.02 0.00	36.12 1.12 0.00	36.86 1.21 0.00	37.97 1.39 0.00	45.12 1.86 0.00	53.00 2.09 0.00	63.18 2.14 0.00	67.97 1.92 0.00	64.24 1.87 0.00	57.33 1.99 0.00	43.01 1.54 0.00	37.67 1.27 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.02 1.76 0.00	37.63 1.45 0.00	34.33 1.48 0.00	33.69 1.39 0.00	33.38 1.28 0.00	35.22 1.19 0.00	39.75 1.57 0.00	39.47 1.63 0.00	36.44 1.67 0.00	34.63 1.59 0.00	32.20 1.62 0.00	32.90 1.66 0.00	33.57 1.75 0.00	36.96 1.96 0.00	37.82 2.17 0.00	38.99 2.41 0.00	46.20 2.94 0.00	54.22 3.31 0.00	64.52 3.48 0.00	69.36 3.30 0.00	65.18 2.81 0.00	58.00 2.66 0.00	43.42 1.95 0.00	37.93 1.53 0.00
N.QUEENS_27_KV_LOAD 356247	40.17 1.91 0.00	37.74 1.56 0.00	34.59 1.74 0.00	33.92 1.62 0.00	33.57 1.48 0.00	35.32 1.29 0.00	39.91 1.72 0.00	39.77 1.93 0.00	36.85 2.09 0.00	35.15 2.11 0.00	32.78 2.20 0.00	33.43 2.19 0.00	34.14 2.32 0.00	37.45 2.45 0.00	38.36 2.71 0.00	39.50 2.93 0.00	46.95 3.68 -0.02	54.98 4.07 0.00	64.95 3.91 0.00	69.62 3.57 0.00	65.37 2.99 0.00	58.16 2.82 0.00	43.55 2.07 0.00	38.04 1.64 0.00
N.TROY___115KV_TB1 355778	39.48 1.22 0.00	37.34 1.16 0.00	34.03 1.18 0.00	33.43 1.13 0.00	33.09 0.99 0.00	35.08 1.05 0.00	39.33 1.15 0.00	38.71 0.87 0.00	35.57 0.80 0.00	33.73 0.69 0.00	31.19 0.61 0.00	31.93 0.69 0.00	32.49 0.67 0.00	35.70 0.70 0.00	36.43 0.78 0.00	37.53 0.95 0.00	44.65 1.38 0.00	52.49 1.58 0.00	62.87 1.83 0.00	68.17 2.11 0.00	64.43 2.06 0.00	57.39 2.05 0.00	43.05 1.58 0.00	37.71 1.31 0.00
NARROWS_GT1_1 24228	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NARROWS_GT1_2 24229	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00

NARROWS_GT1_3 24230	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NARROWS_GT1_4 24231	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NARROWS_GT1_5 24232	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NARROWS_GT1_6 24233	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NARROWS_GT1_7 24234	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NARROWS_GT1_8 24235	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NARROWS_GT2_1 24236	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NARROWS_GT2_2 24237	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NARROWS_GT2_3 24238	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NARROWS_GT2_4 24239	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NARROWS_GT2_5 24240	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NARROWS_GT2_6 24241	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NARROWS_GT2_7 24242	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NARROWS_GT2_8 24243	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.79 1.53 0.00	37.59 1.41 0.00	34.20 1.35 0.00	33.60 1.29 0.00	33.22 1.12 0.00	35.18 1.16 0.00	39.41 1.22 0.00	38.48 0.64 0.00	35.22 0.45 0.00	33.17 0.13 0.00	30.67 0.09 0.00	31.43 0.19 0.00	31.98 0.16 0.00	35.24 0.24 0.00	35.97 0.32 0.00	37.09 0.51 0.00	44.17 0.91 0.00	52.18 1.27 0.00	62.99 1.95 0.00	68.76 2.71 0.00	64.99 2.62 0.00	57.72 2.38 0.00	43.26 1.78 0.00	37.86 1.46 0.00



NCHELSEA_115KV_TR2 355582	40.32 2.07 0.00	37.92 1.74 0.00	34.56 1.71 0.00	33.92 1.62 0.00	33.57 1.48 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.58 1.74 0.00	36.51 1.74 0.00	34.56 1.52 0.00	32.14 1.56 0.00	32.80 1.56 0.00	33.51 1.69 0.00	36.92 1.92 0.00	37.75 2.10 0.00	38.96 2.38 0.00	46.20 2.94 0.00	54.48 3.56 0.00	65.01 3.97 0.00	70.08 4.03 0.00	65.87 3.49 0.00	58.55 3.21 0.00	43.75 2.28 0.00	38.18 1.78 0.00
NEG CAPITAL___MECHNVIL 23645	39.90 1.64 0.00	37.74 1.55 0.00	34.36 1.51 0.00	33.76 1.46 0.00	33.44 1.35 0.00	35.45 1.43 0.00	39.72 1.53 0.00	38.97 1.13 0.00	35.71 0.94 0.00	33.80 0.76 0.00	31.19 0.61 0.00	32.05 0.81 0.00	32.52 0.70 0.00	35.77 0.77 0.00	36.47 0.82 0.00	37.67 1.10 0.00	44.86 1.60 0.00	52.90 1.98 0.00	63.66 2.62 0.00	69.42 3.37 0.00	65.62 3.24 0.00	58.33 2.99 0.00	43.67 2.20 0.00	38.22 1.82 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.50 -2.75 0.00	33.24 -2.86 0.08	30.32 -2.53 0.00	29.84 -2.46 0.00	29.68 -2.41 0.00	31.47 -2.55 0.00	34.15 -2.63 1.40	35.52 -2.31 0.00	32.35 -2.23 0.19	31.28 -1.75 0.00	28.84 -1.74 0.00	29.12 -2.06 0.06	29.59 -2.10 0.13	31.64 -2.24 1.11	32.16 -2.39 1.10	32.91 -2.38 1.29	37.21 -3.03 3.02	43.50 -3.16 4.25	51.88 -3.30 5.87	58.26 -3.17 4.62	55.19 -3.31 3.88	48.59 -3.43 3.31	38.51 -2.94 0.02	33.56 -2.77 0.07
NEG CENTRAL___DRP 24199	38.23 -0.04 -0.02	36.38 -0.14 -0.35	32.67 -0.20 -0.02	32.09 -0.23 -0.02	31.89 -0.22 -0.02	34.08 0.03 -0.02	44.14 0.08 -5.87	38.01 0.15 -0.02	35.45 -0.10 -0.79	32.82 -0.23 -0.02	30.32 -0.28 -0.02	31.24 -0.25 -0.24	32.13 -0.22 -0.53	39.49 -0.21 -4.71	40.09 -0.21 -4.66	41.87 -0.11 -5.40	52.35 -0.17 -9.26	61.30 0.25 -10.13	74.64 0.98 -12.63	76.00 1.52 -8.43	69.82 1.50 -5.95	60.77 0.89 -4.55	41.74 0.21 -0.06	36.67 -0.04 -0.31
NEG CENTRAL___INDECK 23768	36.99 -1.34 -0.08	36.23 -1.55 -1.61	31.52 -1.41 -0.08	30.99 -1.39 -0.08	30.86 -1.32 -0.08	32.91 -1.19 -0.08	64.44 -1.07 -27.32	36.93 -0.98 -0.08	37.12 -1.32 -3.67	31.86 -1.26 -0.08	29.34 -1.31 -0.08	30.81 -1.56 -1.13	32.74 -1.56 -2.48	55.27 -1.64 -21.92	55.70 -1.64 -21.69	60.26 -1.43 -25.10	84.63 -1.78 -43.14	96.80 -1.37 -47.26	119.50 -0.49 -58.95	106.13 0.66 -39.41	90.80 0.56 -27.87	76.46 -0.22 -21.34	40.82 -0.95 -0.30	36.55 -1.28 -1.43
NEG CENTRAL___SENECA 23627	38.55 0.27 -0.03	36.85 0.11 -0.56	32.88 0.00 -0.03	32.27 -0.06 -0.03	32.09 -0.03 -0.03	34.36 0.31 -0.03	48.13 0.42 -9.52	38.36 0.49 -0.03	36.18 0.14 -1.28	32.93 -0.13 -0.03	30.39 -0.21 -0.03	31.51 -0.12 -0.39	32.59 -0.10 -0.86	42.56 -0.07 -7.63	43.19 0.00 -7.55	45.51 0.18 -8.75	58.52 0.22 -15.04	68.26 0.87 -16.48	83.44 1.83 -20.56	82.38 2.58 -13.75	74.60 2.49 -9.73	64.50 1.72 -7.45	42.28 0.71 -0.10	37.15 0.25 -0.50
NEG CENTRAL___STATE_STREET 24147	37.95 -0.31 -0.01	35.93 -0.36 -0.11	32.50 -0.36 -0.01	31.92 -0.39 -0.01	31.72 -0.39 -0.01	33.76 -0.27 -0.01	39.81 -0.27 -1.89	37.65 -0.19 -0.01	34.67 -0.35 -0.25	32.71 -0.33 -0.01	30.25 -0.34 -0.01	30.95 -0.37 -0.08	31.61 -0.38 -0.17	36.13 -0.38 -1.52	36.75 -0.39 -1.50	37.87 -0.44 -1.73	45.57 -0.56 -2.88	53.59 -0.36 -3.03	64.87 0.12 -3.71	68.91 0.46 -2.39	64.43 0.44 -1.61	56.64 0.11 -1.19	41.24 -0.25 -0.02	36.17 -0.33 -0.10
NEG MILLWOOD___DRP 24198	40.36 2.10 0.00	37.99 1.81 0.00	34.63 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.59 1.57 0.00	40.21 2.02 0.00	39.81 1.97 0.00	36.71 1.95 0.00	34.79 1.75 0.00	32.35 1.77 0.00	32.99 1.75 0.00	33.73 1.91 0.00	37.13 2.13 0.00	37.96 2.32 0.00	39.21 2.63 0.00	46.46 3.20 0.00	54.73 3.82 0.00	65.37 4.33 0.00	70.41 4.36 0.00	66.06 3.68 0.00	58.71 3.38 0.00	43.88 2.41 0.00	38.29 1.89 0.00
NEG NORTH_FLCN_SEA 23793	38.60 0.34 0.00	36.54 0.36 0.00	33.02 0.16 0.00	32.53 0.23 0.00	32.38 0.29 0.00	34.37 0.34 0.00	38.65 0.46 0.00	38.29 0.45 0.00	35.15 0.38 0.00	33.34 0.30 0.00	30.83 0.24 0.00	31.52 0.28 0.00	32.11 0.29 0.00	35.24 0.24 0.00	35.90 0.25 0.00	36.83 0.26 0.00	43.69 0.43 0.00	51.32 0.41 0.00	61.65 0.61 0.00	66.91 0.86 0.00	63.44 1.06 0.00	55.89 0.55 0.00	42.14 0.66 0.00	36.95 0.55 0.00
NEG NORTH_KES_CHATEGAY 23792	38.29 0.04 0.00	36.22 0.04 0.00	32.75 -0.10 0.00	32.27 -0.03 0.00	32.13 0.03 0.00	34.09 0.07 0.00	38.34 0.15 0.00	37.88 0.04 0.00	34.77 0.00 0.00	32.97 -0.07 0.00	30.49 -0.09 0.00	31.15 -0.09 0.00	31.69 -0.13 0.00	34.79 -0.21 0.00	35.43 -0.21 0.00	36.43 -0.15 0.00	43.17 -0.09 0.00	50.76 -0.15 0.00	60.98 -0.06 0.00	66.25 0.20 0.00	62.75 0.37 0.00	55.39 0.06 0.00	41.72 0.25 0.00	36.62 0.22 0.00
NEG NORTH___ALICE_FALLS 23915	38.68 0.42 0.00	36.58 0.40 0.00	33.05 0.20 0.00	32.59 0.29 0.00	32.42 0.32 0.00	34.43 0.41 0.00	38.72 0.53 0.00	38.29 0.45 0.00	35.15 0.38 0.00	33.30 0.26 0.00	30.79 0.21 0.00	31.49 0.25 0.00	32.07 0.25 0.00	35.21 0.21 0.00	35.86 0.21 0.00	36.83 0.26 0.00	43.69 0.43 0.00	51.37 0.46 0.00	61.77 0.73 0.00	67.18 1.12 0.00	63.75 1.37 0.00	56.06 0.72 0.00	42.26 0.79 0.00	37.06 0.66 0.00
NEG NORTH___LWR_SARANAC 23913	38.68 0.42 0.00	36.58 0.40 0.00	33.05 0.20 0.00	32.59 0.29 0.00	32.42 0.32 0.00	34.43 0.41 0.00	38.72 0.53 0.00	38.29 0.45 0.00	35.15 0.38 0.00	33.30 0.26 0.00	30.79 0.21 0.00	31.49 0.25 0.00	32.07 0.25 0.00	35.21 0.21 0.00	35.86 0.21 0.00	36.83 0.26 0.00	43.69 0.43 0.00	51.37 0.46 0.00	61.77 0.73 0.00	67.18 1.12 0.00	63.75 1.37 0.00	56.06 0.72 0.00	42.26 0.79 0.00	37.06 0.66 0.00
NEG NORTH___PLATTSBURG 23628	38.68 0.42 0.00	36.58 0.40 0.00	33.05 0.20 0.00	32.59 0.29 0.00	32.42 0.32 0.00	34.43 0.41 0.00	38.72 0.53 0.00	38.29 0.46 0.00	35.15 0.38 0.00	33.30 0.26 0.00	30.80 0.22 0.00	31.49 0.25 0.00	32.07 0.25 0.00	35.21 0.21 0.00	35.86 0.22 0.00	36.84 0.26 0.00	43.69 0.43 0.00	51.37 0.46 0.00	61.78 0.74 0.00	67.18 1.12 0.00	63.75 1.37 0.00	56.06 0.72 0.00	42.26 0.79 0.00	37.06 0.66 0.00
NEG WEST_LEA_LOCKPORT 23791	33.87 -4.36 0.02	31.49 -4.27 0.42	28.92 -3.91 0.02	28.47 -3.81 0.02	28.29 -3.79 0.02	30.16 -3.84 0.02	27.20 -4.05 6.94	34.03 -3.78 0.02	30.59 -3.23 0.94	30.05 -2.97 0.02	27.69 -2.87 0.02	27.73 -3.22 0.29	28.09 -3.09 0.64	26.10 -3.32 5.57	26.71 -3.42 5.52	26.80 -3.40 6.38	27.15 -4.24 11.87	32.32 -4.48 14.11	37.65 -5.13 18.26	47.66 -5.35 13.04	46.82 -5.61 9.94	42.00 -5.31 8.03	36.57 -4.81 0.09	31.84 -4.19 0.37
NEG WEST___LANCASTR 23811	35.75 -2.49 0.02	33.45 -2.24 0.49	30.36 -2.46 0.02	29.70 -2.58 0.02	29.54 -2.54 0.02	32.06 -1.94 0.02	28.23 -1.91 8.04	36.53 -1.29 0.02	32.33 -1.32 1.11	30.80 -2.21 0.02	28.45 -2.11 0.02	29.84 -1.06 0.34	29.76 -1.30 0.75	27.04 -1.33 6.63	27.73 -1.35 6.56	27.94 -1.24 7.39	28.03 -1.60 13.63	33.49 -1.43 16.00	39.27 -1.34 20.43	50.47 -1.12 14.46	49.83 -1.62 10.92	44.56 -1.99 8.79	39.41 -1.99 0.07	33.89 -2.07 0.44

NEG_PENN_ALLEGHNY 23528	38.30 0.04 0.00	36.31 0.04 -0.09	32.86 0.00 0.00	32.28 -0.03 0.00	32.04 -0.06 0.00	34.13 0.10 0.00	39.84 0.11 -1.53	38.03 0.19 0.00	35.04 0.07 -0.20	32.98 -0.07 0.00	30.49 -0.09 0.00	31.27 -0.03 -0.06	31.96 0.00 -0.14	36.24 0.04 -1.21	36.91 0.07 -1.20	38.13 0.15 -1.41	45.64 0.13 -2.24	53.51 0.36 -2.24	64.45 0.74 -2.67	68.60 0.92 -1.63	64.26 0.87 -1.01	56.64 0.61 -0.69	41.65 0.17 -0.02	36.48 0.00 -0.08
NEG___GEN_MONROE 24207	35.61 -2.64 0.01	33.29 -2.79 0.11	30.35 -2.50 0.01	29.88 -2.42 0.01	29.72 -2.38 0.01	31.57 -2.45 0.01	33.84 -2.52 1.83	35.60 -2.23 0.01	32.44 -2.09 0.24	31.45 -1.59 0.01	28.99 -1.59 0.01	29.32 -1.84 0.08	29.74 -1.91 0.17	31.48 -2.06 1.45	32.04 -2.17 1.44	32.78 -2.12 1.68	36.69 -2.81 3.76	42.97 -2.80 5.14	51.26 -2.75 7.03	58.08 -2.51 5.46	55.10 -2.74 4.53	48.56 -2.93 3.84	38.75 -2.70 0.03	33.79 -2.51 0.10
NEPA___ENERGY 23901	35.02 -3.21 0.02	32.52 -3.15 0.51	29.81 -3.02 0.02	29.24 -3.04 0.02	29.05 -3.02 0.02	31.18 -2.82 0.02	26.89 -2.94 8.35	35.39 -2.42 0.02	31.35 -2.26 1.16	30.70 -2.31 0.02	28.32 -2.23 0.02	28.85 -2.03 0.36	28.90 -2.13 0.78	25.82 -2.27 6.91	26.53 -2.28 6.84	26.78 -2.12 7.68	26.47 -2.68 14.11	31.64 -2.75 16.52	37.02 -2.93 21.09	48.30 -2.84 14.91	47.95 -3.18 11.24	42.87 -3.43 9.04	38.23 -3.15 0.09	32.93 -3.02 0.45
NEVERSINK___HYD 23608	39.98 1.72 0.00	37.55 1.37 0.00	34.20 1.35 0.00	33.56 1.26 0.00	33.25 1.15 0.00	35.11 1.09 0.00	39.64 1.45 0.00	39.20 1.36 0.00	36.12 1.35 0.00	34.20 1.16 0.00	31.77 1.19 0.00	32.46 1.22 0.00	33.12 1.31 0.00	36.50 1.50 0.00	37.32 1.68 0.00	38.48 1.90 0.00	45.60 2.33 0.00	53.86 2.95 0.00	64.52 3.48 0.00	69.55 3.50 0.00	65.43 3.06 0.00	58.10 2.77 0.00	43.38 1.91 0.00	37.86 1.46 0.00
NEWKRMKL_115KV_TB1 55635	39.02 0.77 0.00	36.94 0.76 0.00	33.64 0.79 0.00	33.05 0.74 0.00	32.74 0.64 0.00	34.67 0.65 0.00	38.84 0.65 0.00	38.22 0.38 0.00	35.15 0.38 0.00	33.17 0.13 0.00	30.67 0.09 0.00	31.46 0.22 0.00	31.98 0.16 0.00	35.21 0.21 0.00	35.93 0.29 0.00	36.98 0.40 0.00	44.17 0.91 0.00	51.68 0.76 0.00	61.96 0.92 0.00	67.18 1.12 0.00	63.44 1.06 0.00	56.45 1.11 0.00	42.47 1.00 0.00	37.20 0.80 0.00
NEWTON___FALLS_HYD 23847	38.22 -0.04 0.00	36.11 -0.07 0.00	32.75 -0.10 0.00	32.37 0.06 0.00	32.19 0.10 0.00	34.33 0.31 0.00	38.53 0.34 0.00	38.07 0.23 0.00	34.52 -0.24 0.00	32.77 -0.26 0.00	30.24 -0.34 0.00	30.87 -0.37 0.00	31.37 -0.45 0.00	34.51 -0.49 0.00	34.90 -0.75 0.00	35.70 -0.88 0.00	42.27 -1.00 0.00	49.89 -1.02 0.00	60.80 -0.24 0.00	66.05 0.00 0.00	62.62 0.25 0.00	55.45 0.11 0.00	41.76 0.29 0.00	36.58 0.18 0.00
NGRID_A1_DSASP 323792	33.03 -5.20 0.02	30.73 -5.03 0.42	28.13 -4.70 0.02	27.70 -4.59 0.02	27.52 -4.56 0.02	29.28 -4.73 0.02	26.68 -4.54 6.97	33.35 -4.46 0.02	30.18 -3.62 0.97	29.58 -3.44 0.02	27.32 -3.24 0.02	27.26 -3.69 0.30	27.73 -3.44 0.66	25.51 -3.71 5.78	26.11 -3.81 5.72	26.30 -3.88 6.40	26.10 -5.10 12.06	30.94 -5.65 14.32	36.00 -6.65 18.39	46.00 -6.94 13.12	45.26 -7.11 10.00	40.59 -6.70 8.06	35.79 -5.60 0.09	30.89 -5.13 0.38
NGRID_A2_DSASP 323793	33.03 -5.20 0.02	30.73 -5.03 0.42	28.13 -4.70 0.02	27.70 -4.59 0.02	27.52 -4.56 0.02	29.28 -4.73 0.02	26.68 -4.54 6.97	33.35 -4.46 0.02	30.18 -3.62 0.97	29.58 -3.44 0.02	27.32 -3.24 0.02	27.26 -3.69 0.30	27.73 -3.44 0.66	25.51 -3.71 5.78	26.11 -3.81 5.72	26.30 -3.88 6.40	26.10 -5.10 12.06	30.94 -5.65 14.32	36.00 -6.65 18.39	46.00 -6.94 13.12	45.26 -7.11 10.00	40.59 -6.70 8.06	35.79 -5.60 0.09	30.89 -5.13 0.38
NGRID_A4_DSASP 323807	33.03 -5.20 0.02	30.73 -5.03 0.42	28.13 -4.70 0.02	27.70 -4.59 0.02	27.52 -4.56 0.02	29.28 -4.73 0.02	26.68 -4.54 6.97	33.35 -4.46 0.02	30.18 -3.62 0.97	29.58 -3.44 0.02	27.32 -3.24 0.02	27.26 -3.69 0.30	27.73 -3.44 0.66	25.51 -3.71 5.78	26.11 -3.81 5.72	26.30 -3.88 6.40	26.10 -5.10 12.06	30.94 -5.65 14.32	36.00 -6.65 18.39	46.00 -6.94 13.12	45.26 -7.11 10.00	40.59 -6.70 8.06	35.79 -5.60 0.09	30.89 -5.13 0.38
NIAGARA_115E_LBMP 323715	33.45 -4.78 0.02	31.20 -4.56 0.42	28.59 -4.24 0.02	28.15 -4.14 0.02	27.97 -4.11 0.02	29.78 -4.22 0.02	26.76 -4.47 6.96	33.43 -4.39 0.02	30.32 -3.51 0.94	29.48 -3.53 0.02	27.23 -3.33 0.02	27.69 -3.25 0.30	27.77 -3.40 0.64	25.79 -3.67 5.54	26.43 -3.74 5.48	26.45 -3.73 6.40	26.53 -4.67 12.06	31.50 -5.09 14.32	36.55 -6.10 18.38	46.39 -6.54 13.12	45.64 -6.74 10.00	41.20 -6.09 8.05	35.77 -5.60 0.10	31.51 -4.51 0.38
NIAGARA_115W_LBMP 323714	32.96 -5.28 0.02	30.69 -5.07 0.42	28.07 -4.76 0.02	27.63 -4.65 0.02	27.45 -4.62 0.02	29.21 -4.80 0.02	26.68 -4.55 6.96	33.28 -4.54 0.02	30.15 -3.65 0.96	29.45 -3.57 0.02	27.20 -3.36 0.02	27.57 -3.37 0.30	27.70 -3.47 0.65	25.51 -3.74 5.75	26.14 -3.81 5.69	26.26 -3.91 6.40	26.06 -5.15 12.06	30.79 -5.81 14.32	35.88 -6.78 18.38	45.87 -7.07 13.12	45.14 -7.23 10.00	40.48 -6.81 8.05	35.66 -5.72 0.09	30.85 -5.17 0.38
NIAGARA_230_LBMP 323716	33.64 -4.59 0.02	31.15 -4.63 0.40	28.66 -4.17 0.02	28.21 -4.07 0.02	28.03 -4.04 0.02	29.82 -4.19 0.02	26.78 -4.47 6.94	33.92 -3.90 0.02	30.27 -3.58 0.92	29.98 -3.04 0.02	27.69 -2.88 0.02	27.62 -3.34 0.28	27.79 -3.40 0.62	25.81 -3.67 5.52	26.41 -3.78 5.46	26.43 -3.77 6.38	26.51 -4.71 12.04	31.47 -5.14 14.30	36.76 -5.92 18.36	46.74 -6.21 13.10	45.97 -6.42 9.98	41.22 -6.09 8.03	36.37 -5.02 0.08	31.46 -4.59 0.36
NIAGARA___115KV_198_GIBSON 55903	32.96 -5.28 0.02	30.69 -5.07 0.42	28.07 -4.76 0.02	27.63 -4.65 0.02	27.45 -4.62 0.02	29.21 -4.80 0.02	26.68 -4.54 6.96	33.28 -4.54 0.02	30.15 -3.65 0.96	29.52 -3.50 0.02	27.26 -3.30 0.02	27.20 -3.75 0.30	27.73 -3.44 0.65	25.51 -3.74 5.75	26.14 -3.81 5.69	26.26 -3.91 6.40	26.06 -5.15 12.06	30.84 -5.75 14.32	35.88 -6.78 18.38	45.87 -7.07 13.12	45.14 -7.24 10.00	40.48 -6.81 8.05	35.71 -5.68 0.09	30.85 -5.17 0.38
NIAGARA____ 23760	33.64 -4.59 0.02	31.14 -4.63 0.41	28.66 -4.17 0.02	28.21 -4.07 0.02	28.03 -4.04 0.02	29.82 -4.19 0.02	26.77 -4.47 6.95	33.92 -3.90 0.02	30.26 -3.58 0.92	29.98 -3.04 0.02	27.68 -2.88 0.02	27.60 -3.34 0.30	27.79 -3.40 0.62	25.81 -3.67 5.52	26.41 -3.78 5.46	26.43 -3.77 6.38	26.51 -4.71 12.04	31.47 -5.14 14.30	36.75 -5.92 18.37	46.73 -6.21 13.11	45.96 -6.42 9.99	41.21 -6.09 8.04	36.36 -5.02 0.09	31.45 -4.59 0.37
NINE_MILE_1 23575	36.99 -1.26 0.00	34.99 -1.19 0.00	31.80 -1.05 0.00	31.27 -1.04 0.00	31.07 -1.03 0.00	32.97 -1.06 0.00	36.97 -1.22 0.00	36.74 -1.10 0.00	33.73 -1.04 0.00	32.08 -0.96 0.00	29.66 -0.92 0.00	30.27 -0.97 0.00	30.83 -0.99 0.00	33.91 -1.09 0.00	34.47 -1.18 0.00	35.23 -1.35 0.00	36.12 -1.69 5.45	36.59 -1.88 12.44	39.61 -2.08 19.35	46.14 -2.18 17.74	43.60 -2.06 16.72	38.24 -1.94 15.16	39.90 -1.53 0.04	35.16 -1.24 0.00

NINE_MILE_2 23744	36.99 -1.26 0.00	34.99 -1.19 0.00	31.80 -1.05 0.00	31.27 -1.04 0.00	31.07 -1.03 0.00	32.97 -1.06 0.00	36.97 -1.22 0.00	36.74 -1.10 0.00	33.73 -1.04 0.00	32.08 -0.96 0.00	29.66 -0.92 0.00	30.27 -0.97 0.00	30.83 -0.99 0.00	33.91 -1.09 0.00	34.51 -1.14 0.00	35.23 -1.35 0.00	36.05 -1.69 5.52	36.43 -1.88 12.60	39.36 -2.08 19.60	45.91 -2.18 17.97	43.38 -2.06 16.94	38.04 -1.94 15.36	39.90 -1.53 0.04	35.16 -1.24 0.00
NM_CAPITAL___DRP 24208	39.10 0.84 0.00	37.01 0.83 0.00	33.71 0.85 0.00	33.11 0.81 0.00	32.80 0.71 0.00	34.74 0.71 0.00	38.95 0.76 0.00	38.33 0.49 0.00	35.25 0.49 0.00	33.44 0.40 0.00	30.95 0.37 0.00	31.71 0.47 0.00	32.27 0.45 0.00	35.49 0.49 0.00	36.22 0.57 0.00	37.31 0.73 0.00	44.30 1.04 0.00	51.88 0.97 0.00	62.14 1.10 0.00	67.31 1.26 0.00	63.56 1.19 0.00	56.61 1.27 0.00	42.55 1.08 0.00	37.27 0.87 0.00
NM_CENTRAL___DRP 24181	37.61 -0.65 0.00	35.49 -0.69 0.00	32.26 -0.59 0.00	31.69 -0.61 0.00	31.49 -0.61 0.00	33.45 -0.58 0.00	37.54 -0.65 0.00	37.31 -0.53 0.00	34.25 -0.52 0.00	32.58 -0.46 0.00	30.12 -0.46 0.00	30.74 -0.50 0.00	31.31 -0.51 0.00	34.47 -0.52 0.00	35.04 -0.61 0.00	35.88 -0.69 0.00	41.99 -0.91 0.37	49.16 -0.92 0.83	58.89 -0.85 1.30	64.14 -0.73 1.19	60.51 -0.75 1.12	53.55 -0.77 1.02	40.68 -0.79 0.00	35.71 -0.69 0.00
NM_FRONTIER___DRP 24179	32.96 -5.28 0.02	30.69 -5.07 0.42	28.07 -4.76 0.02	27.63 -4.65 0.02	27.45 -4.62 0.02	29.21 -4.80 0.02	26.68 -4.54 6.96	33.28 -4.54 0.02	30.15 -3.65 0.96	29.52 -3.50 0.02	27.26 -3.30 0.02	27.20 -3.75 0.30	27.73 -3.44 0.65	25.51 -3.74 5.75	26.14 -3.81 5.69	26.26 -3.91 6.40	26.06 -5.15 12.06	30.84 -5.75 14.32	35.88 -6.78 18.38	45.87 -7.07 13.12	45.14 -7.24 10.00	40.48 -6.81 8.05	35.71 -5.68 0.09	30.85 -5.17 0.38
NM_ST_REGIS___HYD 24053	38.18 -0.08 0.00	36.11 -0.07 0.00	32.59 -0.26 0.00	32.17 -0.13 0.00	32.00 -0.10 0.00	34.02 0.00 0.00	38.27 0.08 0.00	37.76 -0.08 0.00	34.52 -0.24 0.00	32.74 -0.30 0.00	30.28 -0.31 0.00	30.96 -0.28 0.00	31.53 -0.29 0.00	34.61 -0.38 0.00	35.08 -0.57 0.00	35.85 -0.73 0.00	42.40 -0.87 0.00	49.79 -1.12 0.00	60.00 -1.04 0.00	65.19 -0.86 0.00	61.94 -0.44 0.00	54.62 -0.72 0.00	41.35 -0.12 0.00	36.36 -0.04 0.00
NORTHPORT___1 23551	41.09 2.83 0.00	37.99 1.81 0.00	34.49 1.64 0.00	33.85 1.55 0.00	33.64 1.54 0.00	35.42 1.40 0.00	40.29 2.10 0.00	40.11 2.27 0.00	37.24 2.47 0.00	35.62 2.58 0.00	33.06 2.48 0.00	33.83 2.59 0.00	34.59 2.77 0.00	38.77 3.29 -0.48	41.32 3.46 -2.21	45.24 3.66 -5.00	49.66 4.28 -2.12	58.45 4.33 -3.21	69.13 3.29 -4.80	68.36 2.31 0.00	63.81 1.44 0.00	57.32 1.99 0.00	48.88 2.69 -4.71	41.83 2.33 -3.10
NORTHPORT___2 23552	41.09 2.83 0.00	37.99 1.81 0.00	34.49 1.64 0.00	33.85 1.55 0.00	33.64 1.54 0.00	35.42 1.40 0.00	40.29 2.10 0.00	40.11 2.27 0.00	37.24 2.47 0.00	35.62 2.58 0.00	33.06 2.48 0.00	33.83 2.59 0.00	34.59 2.77 0.00	38.77 3.29 -0.48	41.32 3.46 -2.21	45.24 3.66 -5.00	49.66 4.28 -2.12	58.45 4.33 -3.21	69.13 3.29 6.09	68.36 2.31 0.00	63.81 1.44 0.00	57.32 1.99 0.00	48.88 2.69 -4.71	41.83 2.33 -3.10
NORTHPORT___3 23553	41.01 2.76 0.00	37.92 1.74 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.57 1.48 0.00	35.39 1.36 0.00	40.21 2.02 0.00	40.03 2.19 0.00	37.13 2.37 0.00	35.52 2.48 0.00	33.00 2.42 0.00	33.77 2.53 0.00	34.52 2.70 0.00	38.70 3.22 -0.48	41.25 3.39 -2.21	45.17 3.59 -5.00	49.57 4.20 -2.12	58.14 4.22 -3.01	61.00 3.11 3.15	68.22 2.18 0.00	63.68 1.31 0.00	57.22 1.88 0.00	48.74 2.57 -4.70	41.75 2.26 -3.09
NORTHPORT___4 23650	41.01 2.76 0.00	37.92 1.74 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.57 1.48 0.00	35.39 1.36 0.00	40.21 2.02 0.00	40.03 2.19 0.00	37.13 2.37 0.00	35.52 2.48 0.00	33.00 2.42 0.00	33.77 2.53 0.00	34.52 2.70 0.00	38.70 3.22 -0.48	41.25 3.39 -2.21	45.17 3.59 -5.00	49.57 4.20 -2.12	58.14 4.22 -3.01	61.00 3.11 3.15	68.22 2.18 0.00	63.68 1.31 0.00	57.22 1.88 0.00	48.74 2.57 -4.70	41.75 2.26 -3.09
NORTHPORT___IC 23718	41.12 2.87 0.00	37.99 1.81 0.00	34.49 1.64 0.00	33.85 1.55 0.00	33.64 1.54 0.00	35.42 1.40 0.00	40.29 2.10 0.00	40.11 2.27 0.00	37.24 2.47 0.00	35.58 2.54 0.00	33.06 2.48 0.00	33.80 2.56 0.00	34.59 2.77 0.00	38.77 3.29 -0.48	41.32 3.46 -2.21	45.24 3.66 -5.00	49.66 4.28 -2.12	58.45 4.33 -3.21	58.25 3.30 6.09	68.36 2.31 0.00	63.80 1.43 0.00	57.33 1.99 0.00	48.88 2.70 -4.71	41.83 2.33 -3.10
NORTH___COUNTRY_ESR 323785	38.22 -0.04 0.00	36.18 0.00 0.00	32.72 -0.13 0.00	32.24 -0.06 0.00	32.06 -0.03 0.00	34.02 0.00 0.00	38.27 0.08 0.00	37.88 0.04 0.00	34.77 0.00 0.00	33.01 -0.03 0.00	30.52 -0.06 0.00	31.21 -0.03 0.00	31.72 -0.10 0.00	34.86 -0.14 0.00	35.51 -0.14 0.00	36.43 -0.15 0.00	43.17 0.00 0.00	50.76 -0.09 0.00	60.92 -0.12 0.00	66.12 0.07 0.00	62.56 0.19 0.00	55.23 -0.11 0.00	41.64 0.17 0.00	36.55 0.15 0.00
NPX_GEN_1385_PROXY 323591	41.39 3.14 0.00	37.99 1.81 0.00	34.49 1.64 0.00	33.85 1.55 0.00	33.64 1.54 0.00	35.42 1.40 0.00	40.48 2.29 0.00	40.11 2.27 0.00	37.34 2.57 0.00	35.71 2.68 0.00	33.06 2.48 0.00	33.83 2.59 0.00	34.68 2.86 0.00	38.77 3.29 -0.48	41.32 3.46 -2.21	45.24 3.66 -5.00	49.57 4.20 -2.12	58.10 3.97 -3.21	65.13 2.75 -1.34	67.76 1.71 0.00	63.86 1.49 0.00	57.38 2.05 0.00	48.88 2.69 -4.71	41.58 2.07 -3.10
NPX_GEN_CSC 323557	41.74 3.48 0.00	38.50 2.32 0.00	34.92 2.07 0.00	34.31 2.00 0.00	34.09 1.99 0.00	35.93 1.90 0.00	40.86 2.67 0.00	40.75 2.91 0.00	37.83 3.06 0.00	36.21 3.17 0.00	33.58 3.00 0.00	34.34 3.09 0.00	35.13 3.31 0.00	39.40 3.92 -0.48	41.89 4.03 -2.21	45.57 3.99 -5.00	50.61 5.23 -2.12	60.28 5.80 -3.57	71.13 5.01 -5.09	68.95 2.90 0.00	63.74 1.37 0.00	58.38 3.04 0.00	49.58 3.36 -4.75	42.33 2.80 -3.13
NSINS_S_GLNS_FALLS 23858	39.71 1.45 0.00	37.63 1.45 0.00	34.26 1.41 0.00	33.66 1.36 0.00	33.32 1.22 0.00	35.39 1.36 0.00	39.56 1.37 0.00	38.67 0.83 0.00	35.32 0.56 0.00	33.27 0.23 0.00	30.67 0.09 0.00	31.46 0.22 0.00	31.85 0.03 0.00	34.93 -0.07 0.00	35.58 -0.07 0.00	37.02 0.44 0.00	44.21 0.95 0.00	52.44 1.53 0.00	63.48 2.44 0.00	69.88 3.83 0.00	65.99 3.62 0.00	58.66 3.32 0.00	43.84 2.36 0.00	38.33 1.93 0.00
NUCOR_STEEL___DRP 24197	37.99 -0.27 0.00	35.91 -0.33 -0.06	32.56 -0.30 0.00	31.98 -0.32 0.00	31.78 -0.32 0.00	33.79 -0.24 0.00	38.89 -0.27 -0.97	37.65 -0.19 0.00	34.59 -0.31 -0.13	32.74 -0.30 0.00	30.25 -0.34 0.00	30.91 -0.37 -0.04	31.53 -0.38 -0.09	35.36 -0.42 -0.78	35.99 -0.43 -0.77	37.00 -0.48 -0.89	44.03 -0.65 -1.42	51.87 -0.46 -1.41	62.60 -0.12 -1.68	67.27 0.20 -1.02	63.19 0.19 -0.63	55.72 -0.06 -0.43	41.15 -0.33 -0.01	36.09 -0.36 -0.05

NUMBER_THREE_WT_PWR 323818	38.33 0.08 0.00	36.22 0.04 0.00	32.92 0.07 0.00	32.63 0.32 0.00	32.45 0.35 0.00	34.60 0.58 0.00	38.84 0.65 0.00	38.48 0.64 0.00	34.77 0.00 0.00	33.07 0.03 0.00	30.49 -0.09 0.00	31.09 -0.16 0.00	31.53 -0.29 0.00	34.68 -0.32 0.00	35.15 -0.50 0.00	35.99 -0.59 0.00	42.61 -0.65 0.00	50.40 -0.51 0.00	61.59 0.55 0.00	66.91 0.86 0.00	63.37 0.99 0.00	56.22 0.88 0.00	42.22 0.75 0.00	36.87 0.47 0.00
NYISO_LBMP_REFERENCE 24008	38.26 0.00 0.00	36.18 0.00 0.00	32.85 0.00 0.00	32.30 0.00 0.00	32.10 0.00 0.00	34.02 0.00 0.00	38.19 0.00 0.00	37.84 0.00 0.00	34.77 0.00 0.00	33.04 0.00 0.00	30.58 0.00 0.00	31.24 0.00 0.00	31.82 0.00 0.00	35.00 0.00 0.00	35.65 0.00 0.00	36.58 0.00 0.00	43.26 0.00 0.00	50.91 0.00 0.00	61.04 0.00 0.00	66.05 0.00 0.00	62.38 0.00 0.00	55.34 0.00 0.00	41.47 0.00 0.00	36.40 0.00 0.00
NYPA_BRENTWD____GT 24164	41.62 3.37 0.00	38.42 2.24 0.00	34.86 2.00 0.00	34.21 1.91 0.00	33.99 1.89 0.00	35.83 1.80 0.00	40.75 2.56 0.00	40.56 2.73 0.00	37.65 2.88 0.00	36.01 2.97 0.00	33.43 2.84 0.00	34.24 3.00 0.00	35.00 3.18 0.00	39.23 3.75 -0.48	41.78 3.92 -2.21	45.75 4.17 -5.00	50.39 5.02 -2.12	60.37 5.29 -4.16	69.52 4.45 -4.02	69.48 3.43 0.00	64.74 2.37 0.00	58.38 3.04 0.00	49.57 3.28 -4.82	42.34 2.77 -3.17
NYPA_GOWANUS____GT5 24156	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NYPA_GOWANUS____GT6 24157	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.80 0.00	39.80 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.40 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.79 2.32 0.00	38.29 1.89 0.00
NYPA_HARLEM__RVR__GT1 24160	40.12 1.87 0.01	37.69 1.52 0.01	34.56 1.71 0.00	33.85 1.55 0.00	33.53 1.45 0.01	35.28 1.26 0.01	39.82 1.64 0.01	39.68 1.85 0.01	36.78 2.02 0.01	35.08 2.05 0.01	32.71 2.14 0.01	33.42 2.19 0.01	34.07 2.26 0.01	37.37 2.38 0.01	38.28 2.64 0.01	39.46 2.89 0.01	46.82 3.55 -0.01	54.88 3.97 0.01	64.76 3.72 0.01	69.41 3.37 0.01	65.18 2.81 0.01	57.99 2.66 0.01	43.50 2.03 0.01	37.99 1.60 0.01
NYPA_HARLEM__RVR__GT2 24161	40.12 1.87 0.01	37.69 1.52 0.01	34.56 1.71 0.00	33.85 1.55 0.00	33.53 1.45 0.01	35.28 1.26 0.01	39.82 1.64 0.01	39.68 1.85 0.01	36.78 2.02 0.01	35.08 2.05 0.01	32.71 2.14 0.01	33.42 2.19 0.01	34.07 2.26 0.01	37.37 2.38 0.01	38.28 2.64 0.01	39.46 2.89 0.01	46.82 3.55 -0.01	54.88 3.97 0.01	64.76 3.72 0.01	69.41 3.37 0.01	65.18 2.81 0.01	57.99 2.66 0.01	43.50 2.03 0.01	37.99 1.60 0.01
NYPA_KENT____GT 24152	40.48 2.22 0.00	38.02 1.84 0.00	34.72 1.87 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.88 2.04 0.00	36.89 2.12 0.00	35.16 2.12 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.17 2.35 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.09 3.81 -0.02	55.19 4.28 0.00	65.31 4.27 0.00	70.02 3.96 0.00	65.68 3.30 0.00	58.44 3.10 0.00	43.75 2.28 0.00	38.26 1.86 0.00
NYPA_POUCH1____GT 24155	40.56 2.30 -0.01	38.06 1.88 0.00	34.76 1.90 0.00	34.08 1.78 0.00	33.73 1.64 0.00	35.39 1.36 0.00	39.91 1.72 0.00	39.73 1.89 0.00	36.71 1.95 0.00	34.99 1.95 0.00	32.66 2.08 0.00	33.40 2.15 0.00	34.08 2.26 0.00	37.48 2.49 0.00	38.43 2.78 0.00	39.65 3.07 0.00	47.09 3.81 -0.02	55.24 4.33 0.00	65.38 4.33 0.00	70.08 4.03 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.29 1.89 0.00
NYPA_VERNON____GT2 24162	40.40 2.14 0.00	37.95 1.77 0.00	34.69 1.84 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.06 1.87 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.19 2.15 0.00	32.81 2.23 0.00	33.52 2.28 0.00	34.17 2.35 0.00	37.59 2.59 0.00	38.50 2.85 0.00	39.65 3.07 0.00	47.04 3.76 -0.02	55.14 4.22 0.00	65.19 4.15 0.00	69.88 3.83 0.00	65.55 3.18 0.00	58.38 3.04 0.00	43.75 2.28 0.00	38.22 1.82 0.00
NYPA_VERNON____GT3 24163	40.40 2.14 0.00	37.95 1.77 0.00	34.69 1.84 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.06 1.87 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.19 2.15 0.00	32.81 2.23 0.00	33.52 2.28 0.00	34.17 2.35 0.00	37.59 2.59 0.00	38.50 2.85 0.00	39.65 3.07 0.00	47.04 3.76 -0.02	55.14 4.22 0.00	65.19 4.15 0.00	69.88 3.83 0.00	65.55 3.18 0.00	58.38 3.04 0.00	43.75 2.28 0.00	38.22 1.82 0.00
NYPA__ASTORIA_CC1 323568	40.32 2.06 0.00	37.92 1.74 0.00	34.66 1.81 0.00	33.98 1.68 0.00	33.67 1.57 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.88 2.04 0.00	36.89 2.12 0.00	35.16 2.12 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.43 2.78 0.00	39.61 3.03 0.00	47.00 3.72 -0.02	55.03 4.12 0.00	65.07 4.03 0.00	69.75 3.70 0.00	65.43 3.06 0.00	58.27 2.93 0.00	43.67 2.20 0.00	38.18 1.78 0.00
NYPA__ASTORIA_CC2 323569	40.32 2.06 0.00	37.92 1.74 0.00	34.66 1.81 0.00	33.98 1.68 0.00	33.67 1.57 0.00	35.42 1.40 0.00	40.02 1.83 0.00	39.88 2.04 0.00	36.89 2.12 0.00	35.16 2.12 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.43 2.78 0.00	39.61 3.03 0.00	47.00 3.72 -0.02	55.03 4.12 0.00	65.07 4.03 0.00	69.75 3.70 0.00	65.43 3.06 0.00	58.27 2.93 0.00	43.67 2.20 0.00	38.18 1.78 0.00
NYPA__HOLTSVILL 23794	41.43 3.17 0.00	38.28 2.10 0.00	34.72 1.87 0.00	34.11 1.81 0.00	33.89 1.80 0.00	35.73 1.70 0.00	40.60 2.41 0.00	40.45 2.61 0.00	37.55 2.78 0.00	35.91 2.87 0.00	33.33 2.75 0.00	34.12 2.87 0.00	34.87 3.06 0.00	39.12 3.64 -0.48	41.60 3.74 -2.21	45.46 3.88 -5.00	50.18 4.80 -2.12	59.58 5.14 -3.53	70.44 4.33 -5.06	69.09 3.04 0.00	64.24 1.87 0.00	58.05 2.71 0.00	49.24 3.03 -4.74	42.07 2.55 -3.12
NYPA__HELLGATE_GT1 24158	40.12 1.87 0.01	37.69 1.52 0.01	34.56 1.71 0.00	33.85 1.55 0.00	33.53 1.45 0.01	35.28 1.26 0.01	39.82 1.64 0.01	39.68 1.85 0.01	36.78 2.02 0.01	35.08 2.05 0.01	32.71 2.14 0.01	33.42 2.19 0.01	34.07 2.26 0.01	37.37 2.38 0.01	38.28 2.64 0.01	39.46 2.89 0.01	46.82 3.55 -0.01	54.82 3.92 0.01	64.82 3.79 0.01	69.48 3.43 0.01	65.24 2.87 0.01	58.04 2.71 0.01	43.50 2.03 0.01	37.99 1.60 0.01

NYPY_____HELLGATE_GT2 24159	40.12	37.69	34.56	33.85	33.53	35.28	39.82	39.68	36.78	35.08	32.71	33.42	34.07	37.37	38.28	39.46	46.82	54.82	64.82	69.48	65.24	58.04	43.50	37.99
	1.87	1.52	1.71	1.55	1.45	1.26	1.64	1.85	2.02	2.05	2.14	2.19	2.26	2.38	2.64	2.89	3.55	3.92	3.79	3.43	2.87	2.71	2.03	1.60
	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NYS_BARGE____HYD 23848	33.87	31.55	28.92	28.47	28.29	30.16	27.66	34.00	30.68	29.95	27.63	28.00	28.16	26.48	27.08	27.26	27.81	33.00	38.58	48.29	47.26	42.40	36.53	31.90
	-4.36	-4.23	-3.91	-3.81	-3.79	-3.84	-4.01	-3.82	-3.20	-3.07	-2.94	-2.97	-3.05	-3.29	-3.39	-3.33	-4.20	-4.48	-5.13	-5.35	-5.61	-5.26	-4.85	-4.15
	0.02	0.39	0.02	0.02	0.02	0.02	6.52	0.02	0.88	0.02	0.02	0.28	0.60	5.23	5.18	5.99	11.25	13.43	17.34	12.42	9.50	7.68	0.09	0.35
OAK ORCHARD____HYD 24046	35.65	33.34	30.42	29.97	29.81	31.61	34.06	35.72	32.50	31.55	29.08	29.33	29.80	31.74	32.25	32.98	37.13	43.40	51.75	58.27	55.15	48.58	38.71	33.70
	-2.60	-2.75	-2.43	-2.33	-2.28	-2.41	-2.52	-2.12	-2.05	-1.49	-1.50	-1.84	-1.88	-1.99	-2.14	-2.12	-2.72	-2.75	-2.75	-2.64	-2.93	-3.10	-2.74	-2.62
	0.00	0.09	0.00	0.00	0.00	0.00	1.60	0.00	0.21	0.00	0.00	0.07	0.14	1.27	1.26	1.47	3.41	4.76	6.54	5.14	4.29	3.66	0.02	0.08
OAKDALE____35_KV_LOAD 356122	38.26	36.28	32.82	32.24	32.00	34.06	39.89	37.96	34.99	32.94	30.46	31.28	31.94	36.31	36.98	38.18	45.75	53.63	64.59	68.58	64.19	56.56	41.57	36.45
	0.00	0.00	-0.03	-0.06	-0.10	0.03	0.04	0.11	0.00	-0.10	-0.12	-0.03	-0.03	0.00	0.04	0.07	0.04	0.25	0.61	0.73	0.69	0.44	0.08	-0.04
	0.00	-0.10	0.00	0.00	0.00	0.00	-1.66	0.00	-0.22	0.00	0.00	-0.07	-0.15	-1.31	-1.30	-1.53	-2.44	-2.46	-2.94	-1.80	-1.13	-0.78	-0.02	-0.09
OCC_CHEM____DRP 24175	33.03	30.73	28.13	27.70	27.52	29.28	26.68	33.35	30.18	29.58	27.32	27.26	27.73	25.51	26.11	26.30	26.10	30.94	36.00	46.00	45.26	40.59	35.79	30.89
	-5.20	-5.03	-4.70	-4.59	-4.56	-4.73	-4.54	-4.46	-3.62	-3.44	-3.24	-3.69	-3.44	-3.71	-3.81	-3.88	-5.10	-5.65	-6.65	-6.94	-7.11	-6.70	-5.60	-5.13
	0.02	0.42	0.02	0.02	0.02	0.02	6.97	0.02	0.97	0.02	0.02	0.30	0.66	5.78	5.72	6.40	12.06	14.32	18.39	13.12	10.00	8.06	0.09	0.38
OH_GEN_PROXY 24063	33.68	28.00	25.50	28.00	27.60	27.82	27.35	34.00	30.40	30.05	27.72	27.70	27.90	26.30	26.90	27.00	27.70	32.80	38.00	47.70	46.70	41.80	36.46	31.55
	-4.55	-4.56	-4.14	-4.04	-4.01	-4.12	-4.39	-3.82	-3.51	-2.97	-2.84	-3.28	-3.34	-3.57	-3.67	-3.66	-4.59	-4.99	-5.80	-6.01	-6.24	-5.92	-4.94	-4.51
	0.02	3.62	3.21	0.27	0.48	2.09	6.44	0.02	0.86	0.02	0.02	0.26	0.58	5.13	5.08	5.92	10.97	13.12	17.24	12.34	9.44	7.62	0.08	0.33
OLIN_CORP_DRP 24177	33.49	31.19	28.63	28.18	28.00	29.82	26.70	33.50	30.29	29.62	27.32	27.25	27.79	25.67	26.27	26.36	26.38	31.39	36.52	46.42	45.68	41.18	35.89	31.50
	-4.74	-4.56	-4.21	-4.10	-4.08	-4.19	-4.43	-4.31	-3.51	-3.40	-3.24	-3.69	-3.37	-3.64	-3.74	-3.73	-4.67	-5.04	-5.98	-6.41	-6.61	-6.03	-5.47	-4.51
	0.02	0.43	0.02	0.02	0.02	0.02	7.06	0.02	0.97	0.02	0.02	0.30	0.66	5.69	5.64	6.49	12.20	14.48	18.54	13.23	10.08	8.13	0.11	0.38
OLIN_CORP_DSASP 323712	33.03	30.73	28.13	27.70	27.52	29.28	26.68	33.35	30.18	29.58	27.32	27.26	27.73	25.51	26.11	26.30	26.10	30.94	36.00	46.00	45.26	40.59	35.79	30.89
	-5.20	-5.03	-4.70	-4.59	-4.56	-4.73	-4.54	-4.46	-3.62	-3.44	-3.24	-3.69	-3.44	-3.71	-3.81	-3.88	-5.10	-5.65	-6.65	-6.94	-7.11	-6.70	-5.60	-5.13
	0.02	0.42	0.02	0.02	0.02	0.02	6.97	0.02	0.97	0.02	0.02	0.30	0.66	5.78	5.72	6.40	12.06	14.32	18.39	13.12	10.00	8.06	0.09	0.38
ONEIDA_HERK_LFGE 323681	38.64	36.51	33.18	32.72	32.48	34.57	38.80	38.41	34.94	33.21	30.64	31.31	31.82	35.03	35.58	36.47	43.17	50.96	61.90	67.11	63.43	56.28	42.18	36.91
	0.38	0.32	0.33	0.42	0.39	0.54	0.61	0.57	0.17	0.17	0.06	0.06	0.00	0.04	-0.07	-0.11	-0.09	0.05	0.85	1.05	1.06	0.94	0.70	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.79	36.61	33.28	32.72	32.48	34.57	38.80	38.37	35.01	33.24	30.67	31.40	31.95	35.17	35.75	36.65	43.15	50.82	61.45	66.74	63.09	55.85	42.18	36.91
	0.54	0.43	0.43	0.42	0.39	0.54	0.61	0.53	0.24	0.20	0.09	0.16	0.13	0.17	0.11	0.07	0.09	0.36	1.10	1.32	1.31	1.05	0.71	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.45	0.69	0.64	0.60	0.54	0.00	0.00
ONONDAGA_REF_OCCRA 23987	37.76	35.67	32.39	31.85	31.61	33.62	37.73	37.50	34.35	32.68	30.21	30.84	31.44	34.58	35.18	36.07	42.28	49.65	59.59	64.79	61.18	54.10	40.93	35.93
	-0.50	-0.51	-0.46	-0.45	-0.48	-0.41	-0.46	-0.34	-0.42	-0.36	-0.37	-0.41	-0.38	-0.42	-0.46	-0.51	-0.69	-0.61	-0.43	-0.33	-0.31	-0.44	-0.54	-0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.65	1.02	0.93	0.88	0.80	0.00	0.00
ONONDAGA____COGEN 23986	37.80	35.71	32.42	31.88	31.68	33.65	37.77	37.50	34.38	32.71	30.24	30.87	31.44	34.58	35.18	36.07	42.53	50.30	60.55	65.72	62.13	54.90	40.93	35.93
	-0.46	-0.47	-0.43	-0.42	-0.42	-0.37	-0.42	-0.34	-0.38	-0.33	-0.34	-0.37	-0.38	-0.42	-0.46	-0.51	-0.74	-0.61	-0.49	-0.33	-0.25	-0.44	-0.54	-0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.55	36.85	32.88	32.27	32.09	34.36	48.13	38.36	36.18	32.93	30.39	31.45	32.56	42.56	43.19	45.51	58.52	68.26	83.43	82.38	74.60	64.50	42.24	37.15
	0.27	0.11	0.00	-0.06	-0.03	0.31	0.42	0.49	0.14	-0.13	-0.21	-0.19	-0.13	-0.07	0.00	0.18	0.22	0.86	1.83	2.57	2.50	1.72	0.66	0.26
	-0.03	-0.56	-0.03	-0.03	-0.03	-0.03	-9.52	-0.03	-1.28	-0.03	-0.03	-0.39	-0.86	-7.63	-7.55	-8.75	-15.04	-16.48	-20.56	-13.75	-9.73	-7.45	-0.10	-0.50
ORANGEVILLE_WT_PWR 323706	35.17	31.76	29.99	29.46	29.27	31.30	11.57	35.24	29.07	30.53	28.16	27.84	27.18	13.12	13.92	12.19	1.48	4.02	2.52	25.15	31.70	30.47	38.34	32.34
	-3.02	-3.00	-2.79	-2.78	-2.76	-2.65	-2.79	-2.53	-2.47	-2.44	-2.35	-2.41	-2.45	-2.59	-2.64	-2.49	-3.03	-3.05	-3.05	-2.77	-2.81	-2.99	-2.86	-2.80
	0.07	1.42	0.07	0.07	0.07	0.07	23.83	0.07	3.23	0.07	0.07	1.00	2.19	19.29	19.09	21.90	38.75	43.84	55.47	38.13	27.87	21.88	0.27	1.26
ORANGEVILLE____ESR 323794	35.17	31.76	29.99	29.46	29.27	31.30	11.57	35.24	29.07	30.53	28.16	27.84	27.18	13.12	13.92	12.19	1.48	4.02	2.52	25.15	31.70	30.47	38.34	32.34
	-3.02	-3.00	-2.79	-2.78	-2.76	-2.65	-2.79	-2.53	-2.47	-2.44	-2.35	-2.41	-2.45	-2.59	-2.64	-2.49	-3.03	-3.05	-3.05	-2.77	-2.81	-2.99	-2.86	-2.80
	0.07	1.42	0.07	0.07	0.07	0.07	23.83	0.07	3.23	0.07	0.07	1.00	2.19	19.29	19.09	21.90	38.75	43.84	55.47	38.13	27.87	21.88	0.27	1.26

OSWEGATCHIE___HYD 24044	38.22 -0.04 0.00	36.11 -0.07 0.00	32.75 -0.10 0.00	32.37 0.06 0.00	32.19 0.10 0.00	34.33 0.31 0.00	38.53 0.34 0.00	38.07 0.23 0.00	34.53 -0.24 0.00	32.77 -0.27 0.00	30.25 -0.34 0.00	30.87 -0.37 0.00	31.37 -0.45 0.00	34.51 -0.49 0.00	34.90 -0.75 0.00	35.70 -0.88 0.00	42.22 -1.04 0.00	49.89 -1.02 0.00	60.80 -0.24 0.00	66.05 0.00 0.00	62.63 0.25 0.00	55.45 0.11 0.00	41.77 0.29 0.00	36.58 0.18 0.00
OSWEGO___5 23606	37.22 -1.03 0.00	35.21 -0.98 0.00	32.00 -0.85 0.00	31.43 -0.87 0.00	31.23 -0.87 0.00	33.14 -0.88 0.00	37.20 -0.99 0.00	36.93 -0.91 0.00	33.90 -0.87 0.00	32.25 -0.79 0.00	29.85 -0.73 0.00	30.43 -0.81 0.00	30.99 -0.83 0.00	34.13 -0.87 0.00	34.69 -0.96 0.00	35.48 -1.10 0.00	43.78 -1.39 -1.90	53.73 -1.53 -4.34	66.16 -1.65 -6.76	70.60 -1.65 -6.20	66.66 -1.56 -5.84	59.14 -1.49 -5.30	40.24 -1.24 -0.01	35.38 -1.02 0.00
OSWEGO___6 23613	37.22 -1.03 0.00	35.21 -0.98 0.00	32.00 -0.85 0.00	31.43 -0.87 0.00	31.23 -0.87 0.00	33.14 -0.88 0.00	37.20 -0.99 0.00	36.93 -0.91 0.00	33.90 -0.87 0.00	32.25 -0.79 0.00	29.85 -0.73 0.00	30.43 -0.81 0.00	30.99 -0.83 0.00	34.13 -0.87 0.00	34.69 -0.96 0.00	35.48 -1.10 0.00	43.78 -1.39 -1.90	53.73 -1.53 -4.34	66.16 -1.65 -6.76	70.60 -1.65 -6.20	66.66 -1.56 -5.84	59.14 -1.49 -5.30	40.24 -1.24 -0.01	35.38 -1.02 0.00
OUTOKUMPU-AB___DRP 24206	33.99 -4.25 0.02	31.57 -4.16 0.45	28.95 -3.88 0.02	28.47 -3.81 0.02	28.29 -3.79 0.02	30.19 -3.81 0.02	26.95 -3.78 7.46	34.30 -3.52 0.02	30.75 -2.99 1.03	30.18 -2.84 0.02	27.87 -2.69 0.02	27.99 -2.94 0.32	28.29 -2.83 0.70	25.83 -3.04 6.13	26.45 -3.14 6.06	26.65 -3.07 6.86	26.58 -3.89 12.78	31.62 -4.17 15.11	37.20 -4.64 19.20	47.62 -4.76 13.68	46.86 -5.11 10.40	41.87 -5.04 8.44	36.90 -4.48 0.09	31.89 -4.11 0.40
OXBOW___BTM 323836	33.53 -4.71 0.02	31.18 -4.56 0.44	28.56 -4.27 0.02	28.12 -4.17 0.02	27.93 -4.14 0.02	29.78 -4.22 0.02	26.85 -4.13 7.22	33.88 -3.94 0.02	30.50 -3.27 1.00	29.88 -3.14 0.02	27.59 -2.97 0.02	27.90 -3.03 0.31	28.03 -3.12 0.68	25.72 -3.33 5.96	26.33 -3.42 5.90	26.51 -3.44 6.63	26.42 -4.41 12.43	31.30 -4.89 14.72	36.82 -5.55 18.67	46.99 -5.75 13.32	46.18 -6.05 10.15	41.28 -5.81 8.25	36.37 -5.02 0.09	31.43 -4.59 0.39
OXBOW___ 24026	33.53 -4.71 0.02	31.18 -4.56 0.44	28.56 -4.27 0.02	28.12 -4.17 0.02	27.93 -4.14 0.02	29.78 -4.22 0.02	26.85 -4.12 7.22	33.88 -3.94 0.02	30.50 -3.27 1.00	29.91 -3.11 0.02	27.62 -2.94 0.02	27.65 -3.28 0.31	28.06 -3.09 0.68	25.72 -3.32 5.96	26.33 -3.42 5.90	26.51 -3.44 6.63	26.42 -4.41 12.43	31.35 -4.84 14.72	36.82 -5.55 18.67	46.99 -5.75 13.32	46.24 -5.99 10.15	41.28 -5.81 8.25	36.37 -5.02 0.09	31.43 -4.59 0.39
OXY_CHEM_DSASP 323612	33.03 -5.20 0.02	30.73 -5.03 0.42	28.13 -4.70 0.02	27.70 -4.59 0.02	27.52 -4.56 0.02	29.28 -4.73 0.02	26.68 -4.54 6.97	33.35 -4.46 0.02	30.18 -3.62 0.97	29.58 -3.44 0.02	27.32 -3.24 0.02	27.26 -3.69 0.30	27.73 -3.44 0.66	25.51 -3.71 5.78	26.11 -3.81 5.72	26.30 -3.88 6.40	26.10 -5.10 12.06	30.94 -5.65 14.32	36.00 -6.65 18.39	46.00 -6.94 13.12	45.26 -7.11 10.00	40.59 -6.70 8.06	35.79 -5.60 0.09	30.89 -5.13 0.38
OZONE_PARK_ESR 323760	40.67 2.41 0.00	38.24 2.06 0.00	34.89 2.04 0.00	34.24 1.94 0.00	33.93 1.83 0.00	35.73 1.70 0.00	40.44 2.25 0.00	40.30 2.46 0.00	37.24 2.47 0.00	35.45 2.41 0.00	33.00 2.42 0.00	33.71 2.47 0.00	34.40 2.58 0.00	37.87 2.87 0.00	38.75 3.10 0.00	39.94 3.37 0.00	47.43 4.15 -0.02	55.60 4.68 0.00	65.92 4.88 0.00	70.74 4.69 0.00	66.37 3.99 0.00	59.10 3.76 0.00	44.17 2.70 0.00	38.55 2.15 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.03 -5.20 0.02	30.73 -5.03 0.42	28.13 -4.70 0.02	27.70 -4.59 0.02	27.52 -4.56 0.02	29.28 -4.73 0.02	26.68 -4.54 6.97	33.35 -4.46 0.02	30.18 -3.62 0.97	29.58 -3.44 0.02	27.32 -3.24 0.02	27.26 -3.69 0.30	27.73 -3.44 0.66	25.51 -3.71 5.78	26.11 -3.81 5.72	26.30 -3.88 6.40	26.10 -5.10 12.06	30.94 -5.65 14.32	36.00 -6.65 18.39	46.00 -6.94 13.12	45.26 -7.11 10.00	40.59 -6.70 8.06	35.79 -5.60 0.09	30.89 -5.13 0.38
PACKARD___115KV_DUPONT_184 80571	33.03 -5.20 0.02	30.73 -5.03 0.42	28.13 -4.70 0.02	27.70 -4.59 0.02	27.52 -4.56 0.02	29.28 -4.73 0.02	26.68 -4.55 6.97	33.35 -4.47 0.02	30.18 -3.62 0.97	29.52 -3.50 0.02	27.26 -3.30 0.02	27.57 -3.37 0.30	27.73 -3.44 0.66	25.51 -3.71 5.78	26.11 -3.81 5.72	26.30 -3.88 6.40	26.10 -5.11 12.06	30.89 -5.70 14.32	36.00 -6.65 18.39	45.93 -7.00 13.12	45.26 -7.11 10.00	40.58 -6.70 8.06	35.75 -5.64 0.09	30.89 -5.13 0.38
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.21 1.95 0.00	37.77 1.59 0.00	34.56 1.71 0.00	33.89 1.58 0.00	33.57 1.48 0.00	35.28 1.26 0.00	39.87 1.68 0.00	39.73 1.89 0.00	36.78 2.02 0.00	35.02 1.98 0.00	32.66 2.08 0.00	33.34 2.09 0.00	34.05 2.23 0.00	37.41 2.41 0.00	38.32 2.67 0.00	39.47 2.89 0.00	46.82 3.55 -0.02	54.88 3.97 0.00	64.89 3.85 0.00	69.55 3.50 0.00	65.24 2.87 0.00	58.11 2.77 0.00	43.51 2.03 0.00	38.04 1.64 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.82 2.56 0.00	38.39 2.21 0.00	35.12 2.27 0.00	34.40 2.10 0.00	34.09 1.99 0.00	35.83 1.80 0.00	40.52 2.33 0.00	40.34 2.50 0.00	37.31 2.54 0.00	35.52 2.48 0.00	33.12 2.54 0.00	33.80 2.56 0.00	34.49 2.67 0.00	37.90 2.90 0.00	38.86 3.21 0.00	40.02 3.44 0.00	47.47 4.20 -0.02	55.70 4.79 0.00	65.86 4.82 0.00	70.68 4.62 0.00	66.24 3.87 0.00	58.99 3.65 0.00	44.13 2.65 0.00	38.58 2.18 0.00
PATROON___115KV_TB1 80586	39.14 0.88 0.00	37.01 0.83 0.00	33.74 0.89 0.00	33.14 0.84 0.00	32.83 0.74 0.00	34.77 0.75 0.00	38.95 0.76 0.00	38.33 0.49 0.00	35.22 0.45 0.00	33.63 0.59 0.00	31.10 0.52 0.00	31.93 0.69 0.00	32.46 0.64 0.00	35.70 0.70 0.00	36.43 0.78 0.00	37.53 0.95 0.00	44.30 1.04 0.00	51.88 0.97 0.00	62.14 1.10 0.00	67.44 1.39 0.00	63.68 1.31 0.00	56.67 1.33 0.00	42.59 1.12 0.00	37.31 0.91 0.00
PATTRSNVILLE___SOLAR 323815	39.33 1.07 0.00	37.23 1.05 0.00	33.87 1.02 0.00	33.31 1.00 0.00	33.03 0.93 0.00	35.01 0.99 0.00	39.14 0.96 0.00	38.41 0.57 0.00	35.01 0.25 0.00	33.04 0.00 0.00	30.52 -0.06 0.00	31.27 0.03 0.00	31.82 0.00 0.00	35.00 0.00 0.00	35.68 0.04 0.00	36.76 0.18 0.00	43.74 0.48 0.00	51.78 0.86 0.00	62.57 1.53 0.00	68.30 2.25 0.00	64.56 2.18 0.00	57.33 1.99 0.00	42.92 1.45 0.00	37.56 1.16 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.36 -2.87 0.02	32.96 -2.71 0.51	30.04 -2.79 0.02	29.44 -2.84 0.02	29.28 -2.79 0.02	31.65 -2.35 0.02	27.50 -2.41 8.28	36.00 -1.82 0.02	31.88 -1.74 1.15	30.74 -2.28 0.02	28.39 -2.17 0.02	29.39 -1.50 0.36	29.39 -1.65 0.78	26.43 -1.75 6.82	27.12 -1.78 6.75	27.32 -1.65 7.61	27.15 -2.08 14.04	32.46 -1.99 16.46	38.08 -1.95 21.00	49.34 -1.85 14.86	48.84 -2.31 11.22	43.66 -2.66 9.03	38.89 -2.53 0.06	33.44 -2.51 0.45

PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.36 2.10 0.00	37.99 1.81 0.00	34.63 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.59 1.57 0.00	40.21 2.02 0.00	39.81 1.97 0.00	36.71 1.95 0.00	34.79 1.75 0.00	32.35 1.77 0.00	32.99 1.75 0.00	33.73 1.91 0.00	37.13 2.13 0.00	37.96 2.32 0.00	39.21 2.63 0.00	46.46 3.20 0.00	54.73 3.82 0.00	65.37 4.33 0.00	70.41 4.36 0.00	66.06 3.68 0.00	58.71 3.38 0.00	43.88 2.41 0.00	38.29 1.89 0.00
PEEKSKILL____ 23653	40.02 1.76 0.00	37.66 1.48 0.00	34.36 1.51 0.00	33.72 1.42 0.00	33.44 1.35 0.00	35.25 1.22 0.00	39.79 1.60 0.00	39.54 1.70 0.00	36.50 1.74 0.00	34.72 1.68 0.00	32.29 1.71 0.00	33.02 1.78 0.00	33.66 1.84 0.00	37.03 2.03 0.00	37.89 2.25 0.00	39.07 2.49 0.00	46.29 3.03 0.00	54.27 3.36 0.00	64.58 3.54 0.00	69.35 3.30 0.00	65.18 2.81 0.00	58.05 2.71 0.00	43.46 1.99 0.00	37.96 1.56 0.00
PGE MADISON__WINDPWR 24146	40.06 1.80 -0.01	37.90 1.59 -0.13	34.30 1.45 -0.01	33.70 1.39 -0.01	33.45 1.35 -0.01	35.87 1.84 -0.01	42.42 1.99 -2.24	39.62 1.78 -0.01	35.97 0.90 -0.30	33.54 0.50 -0.01	30.77 0.18 -0.01	31.77 0.44 -0.09	32.34 0.32 -0.20	37.20 0.42 -1.78	37.73 0.32 -1.76	39.00 0.37 -2.06	47.26 0.61 -3.39	55.97 1.53 -3.53	69.19 3.85 -4.30	73.28 4.49 -2.74	68.44 4.24 -1.82	60.09 3.43 -1.32	43.74 2.24 -0.02	38.05 1.53 -0.12
PIERCEFIELD____HYD 23852	38.03 -0.23 0.00	35.96 -0.22 0.00	32.49 -0.36 0.00	32.05 -0.26 0.00	31.87 -0.22 0.00	33.89 -0.14 0.00	38.11 -0.08 0.00	37.61 -0.23 0.00	34.38 -0.38 0.00	32.58 -0.46 0.00	30.12 -0.46 0.00	30.81 -0.44 0.00	31.41 -0.41 0.00	34.47 -0.52 0.00	34.86 -0.78 0.00	35.59 -0.99 0.00	42.05 -1.21 0.00	49.38 -1.53 0.00	59.51 -1.53 0.00	64.67 -1.39 0.00	61.44 -0.94 0.00	54.23 -1.11 0.00	41.10 -0.37 0.00	36.15 -0.25 0.00
PINELAWN_CC_I 323563	41.35 3.10 0.00	38.24 2.06 0.00	34.72 1.87 0.00	34.08 1.78 0.00	33.86 1.76 0.00	35.69 1.67 0.00	40.56 2.37 0.00	40.37 2.54 0.00	37.44 2.68 0.00	35.81 2.78 0.00	33.24 2.66 0.00	34.06 2.81 0.00	34.78 2.96 0.00	38.98 3.50 -0.48	41.57 3.71 -2.21	45.53 3.95 -5.00	50.18 4.80 -2.12	64.17 5.29 -7.97	69.52 4.58 -3.90	69.95 3.90 0.00	65.25 2.87 0.00	58.44 3.10 0.00	49.68 3.07 -5.14	42.37 2.58 -3.38
PJM_GEN_HTP_PROXY 323702	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	33.98 1.68 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.14 1.95 0.00	39.96 2.12 0.00	36.92 2.16 0.00	35.16 2.12 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.39 2.75 0.00	39.58 3.00 0.00	46.95 3.68 -0.02	55.03 4.12 0.00	65.25 4.21 0.00	69.95 3.90 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00
PJM_GEN_KEystone 24065	30.98 -0.81 6.47	28.84 -0.94 6.40	26.30 -0.82 5.73	25.10 -0.87 6.33	26.10 -0.90 5.10	26.42 -0.92 6.69	29.00 -0.80 8.39	33.00 -0.53 4.31	29.46 -0.42 4.89	30.18 -0.43 2.43	29.86 -0.34 0.39	30.83 -0.31 0.10	31.35 -0.26 0.21	32.86 -0.24 1.89	33.63 -0.14 1.87	34.48 0.04 2.13	39.19 -0.04 4.03	43.09 0.00 7.82	45.16 -0.12 15.76	53.40 -0.33 12.32	56.72 -0.68 4.97	47.63 -0.66 7.05	39.18 -0.75 1.55	32.61 -0.84 2.95
PJM_GEN_NEPTUNE_PROXY 323594	40.63 2.37 0.00	37.70 1.52 0.00	34.23 1.38 0.00	33.63 1.32 0.00	33.38 1.29 0.00	35.15 1.12 0.00	39.91 1.72 0.00	39.73 1.89 0.00	36.82 2.05 0.00	35.19 2.15 0.00	32.72 2.14 0.00	33.49 2.25 0.00	34.21 2.39 0.00	38.32 2.83 -0.48	40.89 3.03 -2.21	44.84 3.25 -5.00	49.31 3.94 -2.11	56.13 4.48 -0.74	64.95 3.60 -0.31	69.28 3.24 0.01	64.74 2.37 0.01	57.71 2.38 0.01	48.24 2.36 -4.41	41.27 1.96 -2.90
PJM_GEN_VFT_PROXY 323633	40.21 1.95 0.00	37.81 1.63 0.00	34.53 1.67 0.00	33.89 1.58 0.00	33.60 1.51 0.00	35.39 1.36 0.00	40.06 1.87 0.00	39.88 2.04 0.00	36.89 2.12 0.00	35.12 2.08 0.00	32.69 2.11 0.00	33.43 2.19 0.00	34.08 2.26 0.00	37.48 2.49 0.00	38.36 2.71 0.00	39.54 2.96 0.00	46.87 3.59 -0.02	54.93 4.02 0.00	65.07 4.03 0.00	69.82 3.76 0.00	65.55 3.18 0.00	58.38 3.04 0.00	43.67 2.20 0.00	38.11 1.71 0.00
PLATSBURG_115KV_PMLD1 355749	38.60 0.34 0.00	36.51 0.33 0.00	33.02 0.16 0.00	32.53 0.23 0.00	32.35 0.26 0.00	34.37 0.34 0.00	38.65 0.46 0.00	38.25 0.42 0.00	35.11 0.35 0.00	33.30 0.26 0.00	30.83 0.24 0.00	31.49 0.25 0.00	32.07 0.25 0.00	35.21 0.21 0.00	35.86 0.21 0.00	36.83 0.26 0.00	43.65 0.39 0.00	51.27 0.36 0.00	61.59 0.55 0.00	66.85 0.79 0.00	63.37 1.00 0.00	55.89 0.55 0.00	42.10 0.62 0.00	36.95 0.55 0.00
PLEASANTVLY____LBMP 24000	39.86 1.61 0.00	37.52 1.34 0.00	34.23 1.38 0.00	33.63 1.32 0.00	33.32 1.22 0.00	35.11 1.09 0.00	39.60 1.41 0.00	39.31 1.48 0.00	36.30 1.53 0.00	34.53 1.49 0.00	32.08 1.50 0.00	32.77 1.53 0.00	33.44 1.62 0.00	36.78 1.78 0.00	37.61 1.96 0.00	38.77 2.19 0.00	45.94 2.68 0.00	53.86 2.95 0.00	64.09 3.05 0.00	68.89 2.84 0.00	64.81 2.43 0.00	57.72 2.38 0.00	43.22 1.74 0.00	37.78 1.38 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.13 1.87 0.00	37.77 1.59 0.00	34.46 1.61 0.00	33.82 1.52 0.00	33.54 1.44 0.00	35.35 1.33 0.00	39.91 1.72 0.00	39.69 1.85 0.00	36.64 1.88 0.00	34.86 1.82 0.00	32.45 1.87 0.00	33.12 1.87 0.00	33.82 2.00 0.00	37.20 2.20 0.00	38.04 2.39 0.00	39.21 2.63 0.00	46.51 3.24 0.00	54.53 3.61 0.00	64.83 3.78 0.00	69.62 3.57 0.00	65.37 2.99 0.00	58.22 2.88 0.00	43.59 2.12 0.00	38.07 1.67 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.13 1.87 0.00	37.77 1.59 0.00	34.46 1.61 0.00	33.82 1.52 0.00	33.54 1.44 0.00	35.35 1.33 0.00	39.91 1.72 0.00	39.69 1.85 0.00	36.64 1.88 0.00	34.86 1.82 0.00	32.45 1.87 0.00	33.12 1.87 0.00	33.82 2.00 0.00	37.20 2.20 0.00	38.04 2.39 0.00	39.21 2.63 0.00	46.51 3.24 0.00	54.53 3.61 0.00	64.83 3.78 0.00	69.62 3.57 0.00	65.37 2.99 0.00	58.22 2.88 0.00	43.59 2.12 0.00	38.07 1.67 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.24 1.99 0.00	37.84 1.66 0.00	34.49 1.64 0.00	33.85 1.55 0.00	33.54 1.44 0.00	35.39 1.36 0.00	39.95 1.76 0.00	39.50 1.66 0.00	36.44 1.67 0.00	34.53 1.49 0.00	32.08 1.50 0.00	32.74 1.50 0.00	33.44 1.62 0.00	36.85 1.85 0.00	37.68 2.03 0.00	38.85 2.27 0.00	46.07 2.81 0.00	54.32 3.41 0.00	64.83 3.78 0.00	69.82 3.77 0.00	65.68 3.31 0.00	58.38 3.04 0.00	43.67 2.20 0.00	38.11 1.71 0.00
POLETTI____ 23519	40.32 2.07 0.00	37.92 1.74 0.00	34.63 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.72 2.14 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.39 2.74 0.00	39.58 3.00 0.00	46.95 3.68 -0.02	54.98 4.07 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00

POMONA___ESR 323819	40.02 1.76 0.00	37.63 1.45 0.00	34.33 1.48 0.00	33.69 1.39 0.00	33.38 1.29 0.00	35.22 1.19 0.00	39.76 1.57 0.00	39.46 1.63 0.00	36.44 1.67 0.00	34.63 1.59 0.00	32.20 1.62 0.00	32.93 1.69 0.00	33.60 1.78 0.00	36.96 1.96 0.00	37.82 2.17 0.00	38.99 2.41 0.00	46.20 2.94 0.00	54.22 3.31 0.00	64.52 3.48 0.00	69.35 3.30 0.00	65.18 2.81 0.00	58.00 2.66 0.00	43.42 1.95 0.00	37.93 1.53 0.00
PORT_JEFF_3 23555	41.55 3.29 0.00	38.35 2.17 0.00	34.79 1.94 0.00	34.18 1.87 0.00	33.96 1.86 0.00	35.79 1.77 0.00	40.67 2.48 0.00	40.56 2.73 0.00	37.62 2.85 0.00	36.01 2.97 0.00	33.39 2.81 0.00	34.18 2.94 0.00	34.97 3.15 0.00	39.23 3.75 -0.48	41.71 3.85 -2.21	45.57 3.99 -5.00	50.35 4.97 -2.12	59.87 5.39 -3.57	70.74 4.58 -5.12	69.35 3.30 0.00	64.49 2.12 0.00	58.27 2.93 0.00	49.37 3.15 -4.75	42.15 2.62 -3.13
PORT_JEFF_4 23616	41.55 3.29 0.00	38.35 2.17 0.00	34.79 1.94 0.00	34.18 1.87 0.00	33.96 1.86 0.00	35.79 1.77 0.00	40.67 2.48 0.00	40.56 2.73 0.00	37.62 2.85 0.00	36.01 2.97 0.00	33.39 2.81 0.00	34.18 2.94 0.00	34.97 3.15 0.00	39.23 3.75 -0.48	41.71 3.85 -2.21	45.57 3.99 -5.00	50.35 4.97 -2.12	59.87 5.39 -3.57	70.74 4.58 -5.12	69.35 3.30 0.00	64.49 2.12 0.00	58.27 2.93 0.00	49.37 3.15 -4.75	42.15 2.62 -3.13
PORT_JEFF_IC 23713	41.62 3.37 0.00	38.42 2.24 0.00	34.86 2.00 0.00	34.21 1.91 0.00	33.99 1.89 0.00	35.83 1.80 0.00	40.75 2.56 0.00	40.60 2.76 0.00	37.69 2.92 0.00	36.05 3.01 0.00	33.46 2.87 0.00	34.18 2.94 0.00	35.03 3.21 0.00	39.30 3.81 -0.48	41.82 3.96 -2.21	45.68 4.10 -5.00	50.48 5.10 -2.12	60.13 5.55 -3.67	71.22 4.76 -5.42	69.55 3.50 0.00	64.55 2.18 0.00	58.38 3.04 0.00	49.47 3.23 -4.76	42.23 2.69 -3.13
PPL PILGRIM_ST_GT1 24216	41.62 3.37 0.00	38.42 2.24 0.00	34.86 2.00 0.00	34.21 1.91 0.00	33.99 1.89 0.00	35.83 1.80 0.00	40.75 2.56 0.00	40.56 2.73 0.00	37.65 2.88 0.00	36.01 2.97 0.00	33.43 2.84 0.00	34.24 3.00 0.00	35.00 3.18 0.00	39.23 3.75 -0.48	41.78 3.92 -2.21	45.75 4.17 -5.00	50.39 5.02 -2.12	60.37 5.29 -4.16	69.52 4.45 -4.02	69.48 3.43 0.00	64.74 2.37 0.00	58.38 3.04 0.00	49.57 3.28 -4.82	42.34 2.77 -3.17
PPL PILGRIM_ST_GT2 24217	41.62 3.37 0.00	38.42 2.24 0.00	34.86 2.00 0.00	34.21 1.91 0.00	33.99 1.89 0.00	35.83 1.80 0.00	40.75 2.56 0.00	40.56 2.73 0.00	37.65 2.88 0.00	36.01 2.97 0.00	33.43 2.84 0.00	34.24 3.00 0.00	35.00 3.18 0.00	39.23 3.75 -0.48	41.78 3.92 -2.21	45.75 4.17 -5.00	50.39 5.02 -2.12	60.37 5.29 -4.16	69.52 4.45 -4.02	69.48 3.43 0.00	64.74 2.37 0.00	58.38 3.04 0.00	49.57 3.28 -4.82	42.34 2.77 -3.17
PPL_SHRM_GT3 24213	41.74 3.48 0.00	38.53 2.35 0.00	34.92 2.07 0.00	34.31 2.00 0.00	34.12 2.02 0.00	35.93 1.90 0.00	40.86 2.67 0.00	40.75 2.91 0.00	37.83 3.06 0.00	36.21 3.17 0.00	33.58 3.00 0.00	34.37 3.12 0.00	35.13 3.31 0.00	39.40 3.92 -0.48	41.89 4.03 -2.21	45.57 3.99 -5.00	50.65 5.28 -2.12	60.38 5.85 -3.62	71.23 5.01 -5.18	69.02 2.98 0.00	63.81 1.44 0.00	58.38 3.04 0.00	49.59 3.36 -4.75	42.33 2.80 -3.13
PPL_SHRM_GT4 24214	41.74 3.48 0.00	38.53 2.35 0.00	34.92 2.07 0.00	34.31 2.00 0.00	34.12 2.02 0.00	35.93 1.90 0.00	40.86 2.67 0.00	40.75 2.91 0.00	37.83 3.06 0.00	36.21 3.17 0.00	33.58 3.00 0.00	34.37 3.12 0.00	35.13 3.31 0.00	39.40 3.92 -0.48	41.89 4.03 -2.21	45.57 3.99 -5.00	50.65 5.28 -2.12	60.38 5.85 -3.62	71.23 5.01 -5.18	69.02 2.98 0.00	63.81 1.44 0.00	58.38 3.04 0.00	49.59 3.36 -4.75	42.33 2.80 -3.13
PROJECT___ORANGE 1 24174	37.61 -0.65 0.00	35.53 -0.65 0.00	32.26 -0.59 0.00	31.72 -0.58 0.00	31.52 -0.58 0.00	33.48 -0.54 0.00	37.58 -0.61 0.00	37.35 -0.49 0.00	34.25 -0.52 0.00	32.61 -0.43 0.00	30.15 -0.43 0.00	30.77 -0.47 0.00	31.34 -0.48 0.00	34.47 -0.52 0.00	35.08 -0.57 0.00	35.92 -0.66 0.00	42.03 -0.87 0.37	49.20 -0.87 0.85	58.93 -0.79 1.32	64.12 -0.73 1.21	60.55 -0.69 1.14	53.53 -0.77 1.03	40.68 -0.79 0.00	35.74 -0.66 0.00
PROJECT___ORANGE 2 24166	37.61 -0.65 0.00	35.53 -0.65 0.00	32.26 -0.59 0.00	31.72 -0.58 0.00	31.52 -0.58 0.00	33.48 -0.54 0.00	37.58 -0.61 0.00	37.35 -0.49 0.00	34.25 -0.52 0.00	32.61 -0.43 0.00	30.15 -0.43 0.00	30.77 -0.47 0.00	31.34 -0.48 0.00	34.47 -0.52 0.00	35.08 -0.57 0.00	35.92 -0.66 0.00	42.03 -0.87 0.37	49.20 -0.87 0.85	58.93 -0.79 1.32	64.12 -0.73 1.21	60.55 -0.69 1.14	53.53 -0.77 1.03	40.68 -0.79 0.00	35.74 -0.66 0.00
PUCKETT___SOLAR 323809	38.80 0.54 0.00	36.74 0.47 -0.09	33.25 0.40 0.00	32.66 0.36 0.00	32.42 0.32 0.00	34.57 0.54 0.00	40.38 0.57 -1.61	38.37 0.53 0.00	35.12 0.14 -0.21	32.94 -0.10 0.00	30.37 -0.21 0.00	31.18 -0.12 -0.07	31.84 -0.13 -0.14	36.17 -0.10 -1.28	36.80 -0.11 -1.26	38.06 0.00 -1.48	45.68 0.04 -2.38	53.82 0.51 -2.40	65.32 1.41 -2.87	69.67 1.85 -1.77	65.23 1.74 -1.11	57.44 1.33 -0.77	42.19 0.70 -0.02	36.88 0.40 -0.08
PYRITES___HYD 24023	38.60 0.34 0.00	36.51 0.33 0.00	32.95 0.10 0.00	32.53 0.23 0.00	32.32 0.22 0.00	34.40 0.37 0.00	38.65 0.46 0.00	38.03 0.19 0.00	34.66 -0.10 0.00	32.81 -0.23 0.00	30.31 -0.28 0.00	30.99 -0.25 0.00	31.60 -0.22 0.00	34.68 -0.31 0.00	35.15 -0.50 0.00	35.92 -0.66 0.00	42.53 -0.74 0.00	50.00 -0.92 0.00	60.43 -0.61 0.00	65.79 -0.26 0.00	62.56 0.19 0.00	55.23 -0.11 0.00	41.80 0.33 0.00	36.73 0.33 0.00
QUAKERRD_115KV_BK1 80622	35.31 -2.95 0.00	33.04 -3.04 0.10	30.19 -2.66 0.00	29.72 -2.58 0.00	29.56 -2.54 0.00	31.33 -2.69 0.00	33.65 -2.86 1.67	35.30 -2.54 0.00	32.15 -2.40 0.22	31.15 -1.88 0.00	28.74 -1.83 0.00	29.11 -2.06 0.07	29.47 -2.20 0.15	31.29 -2.38 1.33	31.80 -2.53 1.31	32.48 -2.56 1.54	36.50 -3.24 3.52	42.61 -3.41 4.89	50.72 -3.60 6.72	57.16 -3.63 5.26	54.24 -3.74 4.39	47.84 -3.76 3.74	38.30 -3.15 0.02	33.37 -2.95 0.09
QUENSBRY_115KV_TB8 356137	39.71 1.45 0.00	37.63 1.45 0.00	34.23 1.38 0.00	33.66 1.36 0.00	33.32 1.22 0.00	35.39 1.36 0.00	39.56 1.37 0.00	38.56 0.72 0.00	35.22 0.45 0.00	33.17 0.13 0.00	30.58 0.00 0.00	31.40 0.16 0.00	31.76 -0.06 0.00	34.79 -0.21 0.00	35.43 -0.21 0.00	36.94 0.37 0.00	44.13 0.87 0.00	52.34 1.43 0.00	63.42 2.38 0.00	69.82 3.77 0.00	65.87 3.49 0.00	58.49 3.15 0.00	43.71 2.24 0.00	38.22 1.82 0.00
RAMAPO___LBMP 323565	39.86 1.61 0.00	37.48 1.30 0.00	34.20 1.35 0.00	33.60 1.29 0.00	33.28 1.19 0.00	35.08 1.05 0.00	39.60 1.41 0.00	39.35 1.51 0.00	36.33 1.56 0.00	34.53 1.49 0.00	32.11 1.53 0.00	32.80 1.56 0.00	33.47 1.65 0.00	36.85 1.85 0.00	37.68 2.03 0.00	38.85 2.27 0.00	46.03 2.77 0.00	53.97 3.05 0.00	64.22 3.17 0.00	69.03 2.97 0.00	64.87 2.49 0.00	57.77 2.43 0.00	43.26 1.78 0.00	37.78 1.38 0.00



RANKINE_____	34.67 -3.56 0.03	32.12 -3.51 0.55	29.51 -3.32 0.03	28.98 -3.30 0.03	28.83 -3.24 0.03	30.87 -3.13 0.03	25.91 -3.28 8.99	35.09 -2.72 0.03	30.95 -2.57 1.25	30.57 -2.44 0.03	28.20 -2.35 0.03	28.58 -2.28 0.39	28.52 -2.45 0.84	24.95 -2.62 7.43	25.62 -2.67 7.35	25.75 -2.56 8.26	24.92 -3.16 15.19	29.90 -3.26 17.75	34.96 -3.48 22.60	46.66 -3.43 15.95	46.56 -3.80 12.01	41.76 -3.93 9.65	37.85 -3.53 0.10	32.53 -3.39 0.49
RAVENSWOOD_GT2_1 24244	40.32 2.07 0.00	37.92 1.74 0.00	34.63 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.72 2.14 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.39 2.74 0.00	39.58 3.00 0.00	46.95 3.68 -0.02	54.98 4.07 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00
RAVENSWOOD_GT2_2 24245	40.32 2.07 0.00	37.92 1.74 0.00	34.63 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.72 2.14 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.39 2.74 0.00	39.58 3.00 0.00	46.95 3.68 -0.02	54.98 4.07 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00
RAVENSWOOD_GT2_3 24246	40.36 2.10 0.00	37.95 1.77 0.00	34.66 1.81 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.14 1.95 0.00	39.96 2.12 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.72 2.14 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.43 2.78 0.00	39.61 3.04 0.00	46.95 3.68 -0.02	55.04 4.12 0.00	65.25 4.21 0.00	70.02 3.96 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00
RAVENSWOOD_GT2_4 24247	40.36 2.10 0.00	37.95 1.77 0.00	34.66 1.81 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.14 1.95 0.00	39.96 2.12 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.72 2.14 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.43 2.78 0.00	39.61 3.04 0.00	46.95 3.68 -0.02	55.04 4.12 0.00	65.25 4.21 0.00	70.02 3.96 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00
RAVENSWOOD_GT3_1 24248	40.32 2.07 0.00	37.92 1.74 0.00	34.63 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.72 2.14 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.39 2.74 0.00	39.58 3.00 0.00	46.95 3.68 -0.02	54.98 4.07 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00
RAVENSWOOD_GT3_2 24249	40.32 2.07 0.00	37.92 1.74 0.00	34.63 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.72 2.14 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.39 2.74 0.00	39.58 3.00 0.00	46.95 3.68 -0.02	54.98 4.07 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00
RAVENSWOOD_GT3_3 24250	40.40 2.14 0.00	37.95 1.77 0.00	34.66 1.81 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.52 1.50 0.00	40.18 1.99 0.00	39.99 2.16 0.00	36.96 2.19 0.00	35.19 2.15 0.00	32.75 2.17 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.59 2.59 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.17 0.00	65.31 4.27 0.00	70.08 4.03 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.80 2.32 0.00	38.26 1.86 0.00
RAVENSWOOD_GT3_4 24251	40.40 2.14 0.00	37.95 1.77 0.00	34.66 1.81 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.52 1.50 0.00	40.18 1.99 0.00	39.99 2.16 0.00	36.96 2.19 0.00	35.19 2.15 0.00	32.75 2.17 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.59 2.59 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.17 0.00	65.31 4.27 0.00	70.08 4.03 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.80 2.32 0.00	38.26 1.86 0.00
RAVENSWOOD_GT_1 23729	40.40 2.14 0.00	37.95 1.77 0.00	34.69 1.84 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.06 1.87 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.19 2.15 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.17 2.35 0.00	37.59 2.59 0.00	38.50 2.85 0.00	39.65 3.07 0.00	47.04 3.76 -0.02	55.14 4.23 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.56 3.18 0.00	58.38 3.04 0.00	43.75 2.28 0.00	38.22 1.82 0.00
RAVENSWOOD_GT_10 24258	40.32 2.07 0.00	37.92 1.74 0.00	34.63 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.72 2.14 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.39 2.74 0.00	39.58 3.00 0.00	46.95 3.68 -0.02	54.98 4.07 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00
RAVENSWOOD_GT_11 24259	40.32 2.07 0.00	37.92 1.74 0.00	34.63 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.72 2.14 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.39 2.74 0.00	39.58 3.00 0.00	46.95 3.68 -0.02	54.98 4.07 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00
RAVENSWOOD_GT_4 24252	40.32 2.07 0.00	37.92 1.74 0.00	34.63 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.75 2.17 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.43 2.78 0.00	39.61 3.04 0.00	46.95 3.68 -0.02	55.04 4.12 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.62 3.24 0.00	58.44 3.10 0.00	43.75 2.28 0.00	38.22 1.82 0.00
RAVENSWOOD_GT_5 24254	40.32 2.07 0.00	37.92 1.74 0.00	34.63 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.75 2.17 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.43 2.78 0.00	39.61 3.04 0.00	46.95 3.68 -0.02	55.04 4.12 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.62 3.24 0.00	58.44 3.10 0.00	43.75 2.28 0.00	38.22 1.82 0.00
RAVENSWOOD_GT_6 24253	40.32 2.07 0.00	37.92 1.74 0.00	34.63 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.75 2.17 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.43 2.78 0.00	39.61 3.04 0.00	46.95 3.68 -0.02	55.04 4.12 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.62 3.24 0.00	58.44 3.10 0.00	43.75 2.28 0.00	38.22 1.82 0.00

RAVENSWOOD_GT_7 24255	40.32 2.07 0.00	37.92 1.74 0.00	34.63 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.75 2.17 0.00	33.43 2.19 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.43 2.78 0.00	39.61 3.04 0.00	46.95 3.68 -0.02	55.04 4.12 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.62 3.24 0.00	58.44 3.10 0.00	43.75 2.28 0.00	38.22 1.82 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.32 2.07 0.00	37.92 1.74 0.00	34.63 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.72 2.14 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.39 2.74 0.00	39.58 3.00 0.00	46.95 3.68 -0.02	54.98 4.07 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00
RAVENSWOOD_GT_9 24257	40.32 2.07 0.00	37.92 1.74 0.00	34.63 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.72 2.14 0.00	33.40 2.16 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.39 2.74 0.00	39.58 3.00 0.00	46.95 3.68 -0.02	54.98 4.07 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.68 3.31 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00
RAVENSWOOD____1 23533	40.36 2.10 0.00	37.95 1.77 0.00	34.66 1.81 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.45 1.43 0.00	40.06 1.87 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.19 2.15 0.00	32.78 2.20 0.00	33.52 2.28 0.00	34.17 2.35 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.04 3.76 -0.02	55.09 4.18 0.00	65.19 4.15 0.00	69.88 3.83 0.00	65.55 3.18 0.00	58.38 3.04 0.00	43.71 2.24 0.00	38.22 1.82 0.00
RAVENSWOOD____2 23534	40.36 2.10 0.00	37.92 1.74 0.00	34.66 1.81 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.42 1.40 0.00	40.06 1.87 0.00	39.88 2.04 0.00	36.92 2.16 0.00	35.19 2.15 0.00	32.78 2.20 0.00	33.52 2.28 0.00	34.17 2.35 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.18 0.00	65.19 4.15 0.00	69.88 3.83 0.00	65.55 3.18 0.00	58.38 3.04 0.00	43.71 2.24 0.00	38.22 1.82 0.00
RAVENSWOOD____3 23535	40.32 2.06 0.00	37.92 1.74 0.00	34.62 1.77 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.49 1.46 0.00	40.10 1.91 0.00	39.92 2.08 0.00	36.92 2.16 0.00	35.16 2.12 0.00	32.72 2.14 0.00	33.46 2.22 0.00	34.11 2.29 0.00	37.52 2.52 0.00	38.39 2.75 0.00	39.58 3.00 0.00	46.95 3.68 -0.02	54.99 4.07 0.00	65.19 4.15 0.00	69.95 3.90 0.00	65.68 3.30 0.00	58.49 3.15 0.00	43.75 2.28 0.00	38.22 1.82 0.00
RAVENSWOOD____4 23820	40.36 2.10 0.00	37.92 1.74 0.00	34.66 1.81 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.42 1.40 0.00	40.06 1.87 0.00	39.88 2.04 0.00	36.92 2.16 0.00	35.19 2.15 0.00	32.78 2.20 0.00	33.52 2.28 0.00	34.17 2.35 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.18 0.00	65.19 4.15 0.00	69.88 3.83 0.00	65.55 3.18 0.00	58.38 3.04 0.00	43.71 2.24 0.00	38.18 1.78 0.00
RCPL_TRUST____DRP 24196	40.40 2.14 0.00	37.99 1.81 0.00	34.66 1.81 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.52 1.50 0.00	40.21 2.02 0.00	40.03 2.19 0.00	36.99 2.23 0.00	35.22 2.18 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.17 2.35 0.00	37.59 2.59 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.04 3.76 -0.02	55.14 4.23 0.00	65.37 4.33 0.00	70.15 4.10 0.00	65.81 3.43 0.00	58.60 3.27 0.00	43.84 2.36 0.00	38.26 1.86 0.00
RED____ROCHESTER 323720	35.88 -2.37 0.00	33.55 -2.53 0.10	30.61 -2.24 0.00	30.17 -2.13 0.00	30.01 -2.09 0.00	31.81 -2.21 0.00	34.30 -2.25 1.64	35.94 -1.89 0.00	32.74 -1.81 0.22	31.78 -1.26 0.00	29.29 -1.28 0.00	29.58 -1.59 0.07	30.05 -1.62 0.15	31.99 -1.71 1.30	32.51 -1.86 1.29	33.28 -1.79 1.51	37.41 -2.38 3.47	43.78 -2.29 4.84	52.25 -2.14 6.65	58.92 -1.92 5.21	55.78 -2.24 4.36	49.08 -2.54 3.71	39.04 -2.41 0.02	33.95 -2.37 0.09
REGAN____SOLAR 323812	40.05 1.80 0.00	37.92 1.74 0.00	34.46 1.61 0.00	33.89 1.58 0.00	33.60 1.51 0.00	35.73 1.70 0.00	39.68 1.49 0.00	38.25 0.42 0.00	34.42 -0.35 0.00	32.15 -0.89 0.00	29.57 -1.01 0.00	30.53 -0.72 0.00	30.96 -0.86 0.00	34.06 -0.94 0.00	34.76 -0.89 0.00	35.92 -0.66 0.00	42.87 -0.39 0.00	51.17 0.26 0.00	63.05 2.01 0.00	70.08 4.03 0.00	66.43 4.05 0.00	58.93 3.59 0.00	44.05 2.57 0.00	38.40 2.00 0.00
RENSSELAER____COGEN 23796	38.94 0.69 0.00	36.83 0.65 0.00	33.57 0.72 0.00	32.98 0.68 0.00	32.67 0.58 0.00	34.57 0.54 0.00	38.76 0.57 0.00	38.18 0.34 0.00	35.08 0.31 0.00	33.27 0.23 0.00	30.77 0.18 0.00	31.56 0.31 0.00	32.07 0.25 0.00	35.28 0.28 0.00	36.00 0.36 0.00	37.09 0.51 0.00	44.08 0.82 0.00	51.62 0.71 0.00	61.78 0.74 0.00	66.91 0.86 0.00	63.18 0.81 0.00	56.28 0.94 0.00	42.30 0.83 0.00	37.09 0.69 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.12 2.87 0.00	39.04 2.86 0.00	35.51 2.66 0.00	34.95 2.65 0.00	34.54 2.44 0.00	36.75 2.72 0.00	40.94 2.75 0.00	39.88 2.04 0.00	36.23 1.46 0.00	33.87 0.83 0.00	31.13 0.55 0.00	32.27 1.03 0.00	32.52 0.70 0.00	35.66 0.66 0.00	36.40 0.75 0.00	37.82 1.24 0.00	45.42 2.16 0.00	54.02 3.11 0.00	66.17 5.13 0.00	74.11 8.06 0.00	69.98 7.61 0.00	62.15 6.81 0.00	46.33 4.85 0.00	40.37 3.97 0.00
REVERE_CPPR_DRP 24186	39.02 0.77 0.00	36.83 0.65 0.00	33.44 0.59 0.00	32.95 0.65 0.00	32.71 0.61 0.00	34.81 0.78 0.00	39.07 0.88 0.00	38.63 0.79 0.00	35.15 0.38 0.00	33.37 0.33 0.00	30.76 0.18 0.00	31.49 0.25 0.00	32.01 0.19 0.00	35.28 0.28 0.00	35.79 0.14 0.00	36.69 0.11 0.00	43.32 0.22 0.16	51.05 0.51 0.37	61.99 1.53 0.57	67.31 1.78 0.53	63.56 1.68 0.50	56.33 1.44 0.45	42.51 1.04 0.00	37.16 0.76 0.00
REYNLDDPA_13_KV_LD 356490	38.45 0.19 0.00	36.40 0.22 0.00	32.85 0.00 0.00	32.40 0.10 0.00	32.22 0.13 0.00	34.20 0.17 0.00	38.46 0.27 0.00	38.03 0.19 0.00	34.87 0.10 0.00	33.07 0.03 0.00	30.61 0.03 0.00	31.31 0.06 0.00	31.92 0.10 0.00	35.03 0.04 0.00	35.65 0.00 0.00	36.54 -0.04 0.00	43.30 0.04 0.00	50.81 -0.10 0.00	60.37 -0.67 0.00	65.66 -0.39 0.00	62.19 -0.19 0.00	55.23 -0.11 0.00	41.77 0.29 0.00	36.69 0.29 0.00
REYNOLDS_115KV_TB3 80639	39.21 0.96 0.00	37.08 0.90 0.00	33.80 0.95 0.00	33.21 0.90 0.00	32.90 0.80 0.00	34.81 0.78 0.00	39.03 0.84 0.00	38.48 0.64 0.00	35.39 0.63 0.00	33.57 0.53 0.00	31.07 0.49 0.00	31.84 0.59 0.00	32.39 0.57 0.00	35.63 0.63 0.00	36.32 0.68 0.00	37.42 0.84 0.00	44.47 1.21 0.00	52.13 1.22 0.00	62.32 1.28 0.00	67.44 1.39 0.00	63.75 1.37 0.00	56.78 1.44 0.00	42.63 1.16 0.00	37.38 0.98 0.00

RIVERBAY____ 323610	40.82 2.56 0.00	38.39 2.21 0.00	35.12 2.27 0.00	34.40 2.10 0.00	34.09 1.99 0.00	35.83 1.80 0.00	40.52 2.33 0.00	40.34 2.50 0.00	37.31 2.54 0.00	35.52 2.48 0.00	33.12 2.54 0.00	33.80 2.56 0.00	34.49 2.67 0.00	37.90 2.90 0.00	38.86 3.21 0.00	40.02 3.44 0.00	47.47 4.20 -0.02	55.70 4.79 0.00	65.86 4.82 0.00	70.68 4.62 0.00	66.24 3.87 0.00	58.99 3.65 0.00	44.13 2.65 0.00	38.58 2.18 0.00
RIVERSIDE_115KV_TB3 55908	39.10 0.84 0.00	37.01 0.83 0.00	33.71 0.85 0.00	33.11 0.81 0.00	32.80 0.71 0.00	34.74 0.71 0.00	38.95 0.76 0.00	38.33 0.49 0.00	35.25 0.49 0.00	33.44 0.40 0.00	30.95 0.37 0.00	31.71 0.47 0.00	32.27 0.45 0.00	35.49 0.49 0.00	36.22 0.57 0.00	37.31 0.73 0.00	44.30 1.04 0.00	51.88 0.97 0.00	62.14 1.10 0.00	67.31 1.26 0.00	63.56 1.19 0.00	56.61 1.27 0.00	42.55 1.08 0.00	37.27 0.87 0.00
ROARING____BROOK_WT_PWR 323790	37.80 -0.46 0.00	35.78 -0.40 0.00	32.49 -0.36 0.00	32.01 -0.29 0.00	31.81 -0.29 0.00	33.75 -0.27 0.00	37.92 -0.27 0.00	37.61 -0.23 0.00	34.59 -0.17 0.00	32.87 -0.16 0.00	30.40 -0.18 0.00	31.03 -0.22 0.00	31.56 -0.26 0.00	34.68 -0.32 0.00	35.33 -0.32 0.00	36.25 -0.33 0.00	42.91 -0.35 0.00	50.50 -0.41 0.00	60.62 -0.42 0.00	65.66 -0.39 0.00	61.94 -0.43 0.00	54.89 -0.44 0.00	41.14 -0.33 0.00	36.07 -0.33 0.00
ROCHESRG_115KV_T4 355643	35.50 -2.75 0.01	33.17 -2.89 0.11	30.32 -2.53 0.01	29.84 -2.46 0.01	29.68 -2.41 0.01	31.47 -2.55 0.01	33.61 -2.67 1.91	35.52 -2.31 0.01	32.32 -2.19 0.25	31.45 -1.59 0.01	28.99 -1.59 0.01	29.29 -1.87 0.08	29.64 -2.00 0.17	31.31 -2.17 1.52	31.86 -2.28 1.50	32.56 -2.27 1.75	36.41 -2.94 3.91	42.56 -3.00 5.35	50.63 -3.11 7.30	57.28 -3.10 5.67	54.38 -3.31 4.69	47.98 -3.38 3.98	38.54 -2.90 0.03	33.53 -2.77 0.10
ROCHESTER_9_IC 23652	35.73 -2.52 0.00	33.41 -2.68 0.10	30.48 -2.37 0.00	30.04 -2.26 0.00	29.88 -2.21 0.00	31.67 -2.35 0.00	34.16 -2.41 1.62	35.79 -2.04 0.00	32.60 -1.95 0.22	31.65 -1.39 0.00	29.20 -1.38 0.00	29.52 -1.66 0.07	29.92 -1.75 0.15	31.82 -1.89 1.28	32.34 -2.03 1.27	33.08 -2.01 1.49	37.22 -2.60 3.44	43.51 -2.60 4.81	51.87 -2.56 6.61	58.49 -2.38 5.19	55.36 -2.68 4.33	48.77 -2.88 3.69	38.84 -2.61 0.02	33.80 -2.51 0.08
ROCKVIEW_13_KV_LD 356306	40.32 2.07 0.00	37.92 1.74 0.00	34.59 1.74 0.00	33.98 1.68 0.00	33.67 1.57 0.00	35.49 1.46 0.00	40.10 1.91 0.00	39.88 2.04 0.00	36.85 2.09 0.00	35.05 2.02 0.00	32.63 2.05 0.00	33.34 2.09 0.00	34.02 2.20 0.00	37.41 2.41 0.00	38.29 2.64 0.00	39.47 2.89 0.00	46.81 3.55 0.00	54.83 3.92 0.00	65.19 4.15 0.00	70.02 3.96 0.00	65.74 3.37 0.00	58.49 3.15 0.00	43.80 2.32 0.00	38.26 1.86 0.00
ROME____115KV_TB2 80656	39.02 0.77 0.00	36.83 0.65 0.00	33.44 0.59 0.00	32.95 0.65 0.00	32.71 0.61 0.00	34.81 0.78 0.00	39.07 0.88 0.00	38.63 0.79 0.00	35.15 0.38 0.00	33.37 0.33 0.00	30.76 0.18 0.00	31.49 0.25 0.00	32.01 0.19 0.00	35.28 0.28 0.00	35.79 0.14 0.00	36.69 0.11 0.00	43.32 0.22 0.16	51.05 0.51 0.37	61.99 1.53 0.57	67.31 1.78 0.53	63.56 1.68 0.50	56.33 1.44 0.45	42.51 1.04 0.00	37.16 0.76 0.00
ROSETON____1 23587	39.82 1.57 0.00	37.48 1.30 0.00	34.20 1.35 0.00	33.60 1.29 0.00	33.28 1.19 0.00	35.11 1.09 0.00	39.60 1.41 0.00	39.31 1.47 0.00	36.30 1.53 0.00	34.49 1.45 0.00	32.08 1.50 0.00	32.80 1.56 0.00	33.44 1.62 0.00	36.78 1.78 0.00	37.61 1.96 0.00	38.77 2.19 0.00	45.94 2.68 0.00	53.86 2.95 0.00	64.09 3.05 0.00	68.89 2.84 0.00	64.81 2.43 0.00	57.66 2.32 0.00	43.21 1.74 0.00	37.78 1.38 0.00
ROSETON____2 23588	39.82 1.57 0.00	37.48 1.30 0.00	34.20 1.35 0.00	33.60 1.29 0.00	33.28 1.19 0.00	35.11 1.09 0.00	39.60 1.41 0.00	39.31 1.47 0.00	36.30 1.53 0.00	34.49 1.45 0.00	32.08 1.50 0.00	32.80 1.56 0.00	33.44 1.62 0.00	36.78 1.78 0.00	37.61 1.96 0.00	38.77 2.19 0.00	45.94 2.68 0.00	53.86 2.95 0.00	64.09 3.05 0.00	68.89 2.84 0.00	64.81 2.43 0.00	57.66 2.32 0.00	43.21 1.74 0.00	37.78 1.38 0.00
ROTTDRAM_115KV_TB3 80664	39.17 0.92 0.00	37.05 0.87 0.00	33.74 0.89 0.00	33.14 0.84 0.00	32.87 0.77 0.00	34.84 0.82 0.00	39.03 0.84 0.00	38.48 0.64 0.00	35.29 0.52 0.00	33.47 0.43 0.00	30.95 0.37 0.00	31.68 0.44 0.00	32.23 0.41 0.00	35.45 0.45 0.00	36.18 0.53 0.00	37.24 0.66 0.00	44.17 0.91 0.00	52.03 1.12 0.00	62.44 1.40 0.00	67.77 1.72 0.00	64.00 1.62 0.00	56.89 1.55 0.00	42.63 1.16 0.00	37.35 0.95 0.00
RUSSELL____1 23602	35.88 -2.37 0.00	33.55 -2.53 0.10	30.61 -2.23 0.00	30.17 -2.13 0.00	30.01 -2.09 0.00	31.81 -2.21 0.00	34.30 -2.25 1.64	35.94 -1.89 0.00	32.74 -1.81 0.22	31.81 -1.22 0.00	29.32 -1.25 0.00	29.68 -1.50 0.07	30.08 -1.59 0.15	31.99 -1.71 1.30	32.51 -1.85 1.29	33.28 -1.79 1.51	37.41 -2.38 3.47	43.78 -2.29 4.84	52.26 -2.14 6.65	58.92 -1.92 5.21	55.77 -2.25 4.36	49.08 -2.55 3.71	39.04 -2.41 0.02	33.95 -2.37 0.09
RUSSELL____2 23532	35.88 -2.37 0.00	33.55 -2.53 0.10	30.61 -2.23 0.00	30.17 -2.13 0.00	30.01 -2.09 0.00	31.81 -2.21 0.00	34.30 -2.25 1.64	35.94 -1.89 0.00	32.74 -1.81 0.22	31.81 -1.22 0.00	29.32 -1.25 0.00	29.68 -1.50 0.07	30.08 -1.59 0.15	31.99 -1.71 1.30	32.51 -1.85 1.29	33.28 -1.79 1.51	37.41 -2.38 3.47	43.78 -2.29 4.84	52.26 -2.14 6.65	58.92 -1.92 5.21	55.77 -2.25 4.36	49.08 -2.55 3.71	39.04 -2.41 0.02	33.95 -2.37 0.09
RUSSELL____3 23549	35.88 -2.37 0.00	33.55 -2.53 0.10	30.61 -2.23 0.00	30.17 -2.13 0.00	30.01 -2.09 0.00	31.81 -2.21 0.00	34.30 -2.25 1.64	35.94 -1.89 0.00	32.74 -1.81 0.22	31.81 -1.22 0.00	29.32 -1.25 0.00	29.68 -1.50 0.07	30.08 -1.59 0.15	31.99 -1.71 1.30	32.51 -1.85 1.29	33.28 -1.79 1.51	37.41 -2.38 3.47	43.78 -2.29 4.84	52.26 -2.14 6.65	58.92 -1.92 5.21	55.77 -2.25 4.36	49.08 -2.55 3.71	39.04 -2.41 0.02	33.95 -2.37 0.09
RUSSELL____4 23556	35.88 -2.37 0.00	33.55 -2.53 0.10	30.61 -2.23 0.00	30.17 -2.13 0.00	30.01 -2.09 0.00	31.81 -2.21 0.00	34.30 -2.25 1.64	35.94 -1.89 0.00	32.74 -1.81 0.22	31.81 -1.22 0.00	29.32 -1.25 0.00	29.68 -1.50 0.07	30.08 -1.59 0.15	31.99 -1.71 1.30	32.51 -1.85 1.29	33.28 -1.79 1.51	37.41 -2.38 3.47	43.78 -2.29 4.84	52.26 -2.14 6.65	58.92 -1.92 5.21	55.77 -2.25 4.36	49.08 -2.55 3.71	39.04 -2.41 0.02	33.95 -2.37 0.09
RUSSELL____STATION 23914	35.88 -2.37 0.00	33.55 -2.53 0.10	30.61 -2.23 0.00	30.17 -2.13 0.00	30.01 -2.09 0.00	31.81 -2.21 0.00	34.30 -2.25 1.64	35.94 -1.89 0.00	32.74 -1.81 0.22	31.81 -1.22 0.00	29.32 -1.25 0.00	29.68 -1.50 0.07	30.08 -1.59 0.15	31.99 -1.71 1.30	32.51 -1.85 1.29	33.28 -1.79 1.51	37.41 -2.38 3.47	43.78 -2.29 4.84	52.26 -2.14 6.65	58.92 -1.92 5.21	55.77 -2.25 4.36	49.08 -2.55 3.71	39.04 -2.41 0.02	33.95 -2.37 0.09

S SALMON___HYD 24043	37.91 -0.34 0.00	35.82 -0.36 0.00	32.52 -0.33 0.00	32.01 -0.29 0.00	31.81 -0.29 0.00	33.86 -0.17 0.00	38.00 -0.19 0.00	37.65 -0.19 0.00	34.31 -0.45 0.00	32.61 -0.43 0.00	30.09 -0.49 0.00	30.71 -0.53 0.00	31.25 -0.57 0.00	34.40 -0.60 0.00	34.93 -0.71 0.00	35.74 -0.84 0.00	42.18 -1.08 0.00	49.79 -1.12 0.00	60.37 -0.67 0.00	65.59 -0.46 0.00	62.06 -0.31 0.00	54.89 -0.44 0.00	41.14 -0.33 0.00	36.11 -0.29 0.00
S.PERRY___115KV_TB1 80734	36.99 -1.34 -0.08	36.23 -1.56 -1.61	31.52 -1.41 -0.08	30.99 -1.39 -0.08	30.86 -1.32 -0.08	32.91 -1.19 -0.08	64.44 -1.07 -27.32	36.93 -0.98 -0.08	37.12 -1.32 -3.67	31.89 -1.22 -0.08	29.34 -1.31 -0.08	30.90 -1.47 -1.13	32.74 -1.56 -2.48	55.27 -1.64 -21.92	55.70 -1.64 -21.69	60.26 -1.43 -25.10	84.63 -1.77 -43.14	96.85 -1.32 -47.26	119.56 -0.43 -58.95	106.13 0.66 -39.41	90.87 0.62 -27.87	76.46 -0.22 -21.34	40.86 -0.91 -0.30	36.55 -1.27 -1.43
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.14 -4.09 0.02	31.55 -4.12 0.51	29.05 -3.78 0.02	28.56 -3.71 0.02	28.38 -3.69 0.02	30.33 -3.67 0.02	26.16 -3.90 8.13	34.48 -3.33 0.02	30.51 -3.09 1.16	30.31 -2.71 0.02	27.96 -2.60 0.02	28.10 -2.78 0.36	28.11 -2.93 0.79	24.91 -3.15 6.94	25.57 -3.21 6.87	25.96 -3.15 7.48	25.43 -3.94 13.89	30.40 -4.17 16.34	35.72 -4.64 20.68	46.55 -4.82 14.68	46.13 -5.11 11.13	41.35 -4.98 9.00	37.10 -4.27 0.10	31.94 -4.00 0.45
SAWYER___23_KV_LOAD 55526	34.14 -4.09 0.02	31.55 -4.12 0.51	29.05 -3.78 0.02	28.56 -3.71 0.02	28.38 -3.69 0.02	30.33 -3.67 0.02	26.16 -3.90 8.13	34.48 -3.33 0.02	30.51 -3.09 1.16	30.31 -2.71 0.02	27.96 -2.60 0.02	28.10 -2.78 0.36	28.11 -2.93 0.79	24.91 -3.15 6.94	25.57 -3.21 6.87	25.96 -3.15 7.48	25.43 -3.94 13.89	30.40 -4.17 16.34	35.72 -4.64 20.68	46.55 -4.82 14.68	46.13 -5.11 11.13	41.35 -4.98 9.00	37.10 -4.27 0.10	31.94 -4.00 0.45
SELKIRK___I 23801	39.21 0.96 0.00	37.16 0.98 0.00	33.84 0.98 0.00	33.24 0.94 0.00	32.93 0.83 0.00	34.84 0.82 0.00	38.99 0.80 0.00	38.33 0.49 0.00	35.19 0.42 0.00	33.34 0.30 0.00	30.86 0.27 0.00	31.62 0.38 0.00	32.14 0.32 0.00	35.39 0.39 0.00	36.08 0.43 0.00	37.16 0.58 0.00	44.08 0.82 0.00	51.78 0.86 0.00	62.14 1.10 0.00	67.44 1.39 0.00	63.75 1.37 0.00	56.78 1.44 0.00	42.59 1.12 0.00	37.35 0.94 0.00
SELKIRK___II 23799	38.94 0.69 0.00	36.87 0.69 0.00	33.57 0.72 0.00	32.98 0.68 0.00	32.70 0.61 0.00	34.60 0.58 0.00	38.76 0.57 0.00	38.29 0.46 0.00	35.22 0.45 0.00	33.44 0.40 0.00	30.95 0.37 0.00	31.68 0.44 0.00	32.23 0.41 0.00	35.45 0.45 0.00	36.18 0.54 0.00	37.24 0.66 0.00	44.13 0.86 0.00	51.78 0.86 0.00	61.96 0.92 0.00	66.98 0.92 0.00	63.25 0.87 0.00	56.34 1.00 0.00	42.30 0.83 0.00	37.09 0.69 0.00
SENECA OSWGO___HYD 24041	37.38 -0.88 0.00	35.35 -0.83 0.00	32.10 -0.75 0.00	31.56 -0.74 0.00	31.36 -0.74 0.00	33.31 -0.72 0.00	37.35 -0.84 0.00	37.12 -0.72 0.00	34.04 -0.73 0.00	32.38 -0.66 0.00	29.94 -0.64 0.00	30.53 -0.72 0.00	31.09 -0.73 0.00	34.23 -0.77 0.00	34.79 -0.86 0.00	35.59 -0.99 0.00	42.40 -1.26 -0.40	50.49 -1.32 -0.90	61.10 -1.34 -1.41	66.09 -1.26 -1.29	62.40 -1.19 -1.22	55.28 -1.16 -1.10	40.40 -1.08 0.00	35.53 -0.87 0.00
SENECA___115KV_TB3 355854	34.71 -3.52 0.03	32.12 -3.51 0.55	29.54 -3.28 0.03	29.02 -3.26 0.03	28.83 -3.24 0.03	30.90 -3.10 0.03	25.95 -3.25 8.99	35.13 -2.69 0.03	30.98 -2.54 1.25	30.57 -2.44 0.03	28.23 -2.33 0.03	28.48 -2.38 0.39	28.56 -2.42 0.84	24.98 -2.59 7.43	25.66 -2.64 7.35	25.79 -2.52 8.26	24.96 -3.12 15.19	29.95 -3.21 17.75	35.02 -3.42 22.60	46.73 -3.37 15.95	46.62 -3.74 12.01	41.81 -3.88 9.65	37.85 -3.53 0.10	32.56 -3.35 0.49
SENECA___ENERGY 23797	38.11 -0.15 -0.01	36.17 -0.25 -0.24	32.57 -0.30 -0.01	31.99 -0.32 -0.01	31.79 -0.32 -0.01	33.93 -0.10 -0.01	42.21 -0.08 -4.09	37.89 0.04 -0.01	35.14 -0.17 -0.55	32.79 -0.27 -0.01	30.29 -0.31 -0.01	31.10 -0.31 -0.17	31.90 -0.29 -0.37	38.03 -0.24 -3.28	38.64 -0.25 -3.25	40.16 -0.18 -3.76	49.42 -0.26 -6.41	57.98 0.10 -6.96	70.36 0.67 -8.65	72.98 1.19 -5.73	67.57 1.18 -4.01	59.05 0.67 -3.05	41.56 0.04 -0.04	36.47 -0.15 -0.21
SHOEMAKER___GT 23640	39.59 1.34 0.00	37.30 1.12 0.00	33.97 1.12 0.00	33.37 1.06 0.00	33.06 0.96 0.00	34.91 0.88 0.00	39.33 1.14 0.00	38.97 1.13 0.00	35.95 1.18 0.00	34.13 1.09 0.00	31.71 1.13 0.00	32.40 1.16 0.00	33.03 1.21 0.00	36.36 1.36 0.00	37.18 1.53 0.00	38.30 1.72 0.00	45.38 2.12 0.00	53.36 2.44 0.00	63.66 2.62 0.00	68.56 2.51 0.00	64.56 2.18 0.00	57.39 2.05 0.00	42.96 1.49 0.00	37.56 1.16 0.00
SHOEMAKR_138KV_BK 111 55601	39.59 1.34 0.00	37.30 1.12 0.00	33.97 1.12 0.00	33.37 1.07 0.00	33.06 0.96 0.00	34.91 0.88 0.00	39.33 1.15 0.00	39.01 1.17 0.00	35.95 1.18 0.00	34.13 1.09 0.00	31.71 1.13 0.00	32.40 1.16 0.00	33.06 1.24 0.00	36.40 1.40 0.00	37.22 1.57 0.00	38.33 1.76 0.00	45.38 2.12 0.00	53.36 2.44 0.00	63.67 2.62 0.00	68.56 2.51 0.00	64.50 2.12 0.00	57.39 2.05 0.00	42.97 1.49 0.00	37.53 1.13 0.00
SHOREHAM_IC_1 23715	41.74 3.48 0.00	38.53 2.35 0.00	34.92 2.07 0.00	34.31 2.00 0.00	34.12 2.02 0.00	35.93 1.90 0.00	40.86 2.67 0.00	40.75 2.91 0.00	37.83 3.06 0.00	36.21 3.17 0.00	33.58 3.00 0.00	34.37 3.12 0.00	35.13 3.31 0.00	39.40 3.92 -0.48	41.89 4.03 -2.21	45.57 3.99 -5.00	50.65 5.28 -2.12	60.38 5.85 -3.62	71.23 5.01 -5.18	69.02 2.98 0.00	63.81 1.44 0.00	58.38 3.04 0.00	49.59 3.36 -4.75	42.33 2.80 -3.13
SHOREHAM_IC_2 23716	41.74 3.48 0.00	38.53 2.35 0.00	34.92 2.07 0.00	34.31 2.00 0.00	34.12 2.02 0.00	35.93 1.90 0.00	40.86 2.67 0.00	40.75 2.91 0.00	37.83 3.06 0.00	36.21 3.17 0.00	33.58 3.00 0.00	34.37 3.12 0.00	35.13 3.31 0.00	39.40 3.92 -0.48	41.89 4.03 -2.21	45.57 3.99 -5.00	50.65 5.28 -2.12	60.38 5.85 -3.62	71.23 5.01 -5.18	69.02 2.98 0.00	63.81 1.44 0.00	58.38 3.04 0.00	49.59 3.36 -4.75	42.33 2.80 -3.13
SISSONVILLE____ 23735	38.03 -0.23 0.00	35.96 -0.22 0.00	32.49 -0.36 0.00	32.05 -0.26 0.00	31.87 -0.22 0.00	33.89 -0.14 0.00	38.11 -0.08 0.00	37.61 -0.23 0.00	34.38 -0.38 0.00	32.58 -0.46 0.00	30.12 -0.46 0.00	30.81 -0.44 0.00	31.41 -0.41 0.00	34.47 -0.52 0.00	34.86 -0.78 0.00	35.59 -0.99 0.00	42.05 -1.21 0.00	49.38 -1.53 0.00	59.51 -1.53 0.00	64.67 -1.39 0.00	61.44 -0.94 0.00	54.23 -1.11 0.00	41.10 -0.37 0.00	36.15 -0.25 0.00
SITHE_IND_GS1 24169	37.03 -1.23 0.00	35.02 -1.16 0.00	31.83 -1.02 0.00	31.27 -1.04 0.00	31.07 -1.03 0.00	32.97 -1.06 0.00	37.01 -1.18 0.00	36.74 -1.10 0.00	33.73 -1.04 0.00	32.11 -0.92 0.00	29.69 -0.89 0.00	30.27 -0.97 0.00	30.83 -0.99 0.00	33.95 -1.05 0.00	34.51 -1.14 0.00	35.23 -1.35 0.00	36.43 -1.69 5.14	37.30 -1.88 11.73	40.65 -2.14 18.25	47.08 -2.25 16.73	44.48 -2.12 15.77	39.10 -1.94 14.30	39.86 -1.58 0.04	35.20 -1.20 0.00

SITHE_IND_GS2 24170	37.03 -1.23 0.00	35.02 -1.16 0.00	31.83 -1.02 0.00	31.27 -1.04 0.00	31.07 -1.03 0.00	32.97 -1.06 0.00	37.01 -1.18 0.00	36.74 -1.10 0.00	33.73 -1.04 0.00	32.11 -0.92 0.00	29.69 -0.89 0.00	30.27 -0.97 0.00	30.83 -0.99 0.00	33.95 -1.05 0.00	34.51 -1.14 0.00	35.23 -1.35 0.00	36.43 -1.69 5.14	37.30 -1.88 11.73	40.65 -2.14 18.25	47.08 -2.25 16.73	44.48 -2.12 15.77	39.10 -1.94 14.30	39.86 -1.58 0.04	35.20 -1.20 0.00
SITHE_IND_GS3 24171	37.03 -1.23 0.00	35.02 -1.16 0.00	31.83 -1.02 0.00	31.27 -1.04 0.00	31.07 -1.03 0.00	32.97 -1.06 0.00	37.01 -1.18 0.00	36.74 -1.10 0.00	33.73 -1.04 0.00	32.11 -0.92 0.00	29.69 -0.89 0.00	30.27 -0.97 0.00	30.83 -0.99 0.00	33.95 -1.05 0.00	34.51 -1.14 0.00	35.23 -1.35 0.00	36.43 -1.69 5.14	37.30 -1.88 11.73	40.65 -2.14 18.25	47.08 -2.25 16.73	44.48 -2.12 15.77	39.10 -1.94 14.30	39.86 -1.58 0.04	35.20 -1.20 0.00
SITHE_IND_GS4 24172	37.03 -1.23 0.00	35.02 -1.16 0.00	31.83 -1.02 0.00	31.27 -1.04 0.00	31.07 -1.03 0.00	32.97 -1.06 0.00	37.01 -1.18 0.00	36.74 -1.10 0.00	33.73 -1.04 0.00	32.11 -0.92 0.00	29.69 -0.89 0.00	30.27 -0.97 0.00	30.83 -0.99 0.00	33.95 -1.05 0.00	34.51 -1.14 0.00	35.23 -1.35 0.00	36.43 -1.69 5.14	37.30 -1.88 11.73	40.65 -2.14 18.25	47.08 -2.25 16.73	44.48 -2.12 15.77	39.10 -1.94 14.30	39.86 -1.58 0.04	35.20 -1.20 0.00
SITHE___BATAVIA 24024	35.07 -3.17 0.01	32.66 -3.22 0.30	29.88 -2.96 0.01	29.45 -2.84 0.01	29.29 -2.79 0.01	31.19 -2.82 0.01	30.37 -2.83 5.00	35.21 -2.61 0.01	31.79 -2.30 0.68	30.91 -2.12 0.01	28.46 -2.11 0.01	28.88 -2.16 0.21	29.13 -2.23 0.46	28.61 -2.38 4.01	29.19 -2.50 3.97	29.57 -2.42 4.59	31.32 -3.12 8.82	37.11 -3.05 10.75	44.12 -2.93 13.99	53.18 -2.71 10.16	51.37 -3.12 7.89	45.58 -3.32 6.44	38.05 -3.36 0.07	33.11 -3.02 0.27
SITHE___INDEPEND 23800	37.03 -1.22 0.00	35.02 -1.16 0.00	31.83 -1.02 0.00	31.27 -1.03 0.00	31.07 -1.03 0.00	32.97 -1.05 0.00	37.01 -1.18 0.00	36.74 -1.10 0.00	33.72 -1.04 0.00	32.11 -0.93 0.00	29.69 -0.89 0.00	30.31 -0.94 0.00	30.87 -0.95 0.00	33.95 -1.05 0.00	34.51 -1.14 0.00	35.23 -1.35 0.00	36.43 -1.69 5.14	37.30 -1.88 11.73	40.65 -2.14 18.25	47.08 -2.25 16.73	44.48 -2.12 15.77	39.10 -1.94 14.30	39.86 -1.58 0.04	35.20 -1.20 0.00
SITHE___MASSENA 23902	38.37 0.12 0.00	36.29 0.11 0.00	32.79 -0.07 0.00	32.34 0.03 0.00	32.16 0.06 0.00	34.13 0.10 0.00	38.38 0.19 0.00	37.95 0.11 0.00	34.77 0.00 0.00	32.97 -0.07 0.00	30.52 -0.06 0.00	31.21 -0.03 0.00	31.82 0.00 0.00	34.93 -0.07 0.00	35.54 -0.11 0.00	36.40 -0.18 0.00	43.13 -0.13 0.00	50.61 -0.30 0.00	60.74 -0.30 0.00	65.99 -0.07 0.00	62.56 0.19 0.00	55.23 -0.11 0.00	41.68 0.21 0.00	36.62 0.22 0.00
SITHE___OGDNSBRG 24021	38.64 0.38 0.00	36.58 0.40 0.00	33.02 0.16 0.00	32.56 0.26 0.00	32.38 0.29 0.00	34.43 0.41 0.00	38.69 0.50 0.00	38.07 0.23 0.00	34.73 -0.03 0.00	32.87 -0.17 0.00	30.40 -0.18 0.00	31.09 -0.16 0.00	31.66 -0.16 0.00	34.79 -0.21 0.00	35.29 -0.36 0.00	36.10 -0.48 0.00	42.79 -0.48 0.00	50.30 -0.61 0.00	60.74 -0.31 0.00	66.12 0.07 0.00	62.81 0.44 0.00	55.45 0.11 0.00	41.93 0.46 0.00	36.84 0.44 0.00
SITHE___STERLING 23777	38.79 0.54 0.00	36.62 0.44 0.00	33.28 0.43 0.00	32.72 0.42 0.00	32.48 0.39 0.00	34.57 0.54 0.00	38.80 0.61 0.00	38.37 0.53 0.00	35.01 0.25 0.00	33.24 0.20 0.00	30.67 0.09 0.00	31.40 0.16 0.00	31.95 0.13 0.00	35.18 0.18 0.00	35.75 0.11 0.00	36.65 0.07 0.00	43.15 0.09 0.20	50.82 0.36 0.45	61.45 1.10 0.69	66.74 1.32 0.64	63.09 1.31 0.60	55.84 1.05 0.54	42.18 0.70 0.00	36.91 0.51 0.00
SLEIGHT__34_KV_TB1 80719	36.34 -1.91 0.00	34.09 -2.03 0.06	31.07 -1.77 0.00	30.56 -1.74 0.00	30.39 -1.70 0.00	32.29 -1.74 0.00	35.31 -1.79 1.08	36.28 -1.55 0.00	33.06 -1.56 0.14	31.85 -1.19 0.00	29.39 -1.19 0.00	29.82 -1.37 0.04	30.26 -1.46 0.10	32.57 -1.57 0.86	33.12 -1.68 0.85	33.94 -1.65 0.99	38.68 -2.16 2.41	45.35 -2.09 3.48	54.25 -1.95 4.84	60.42 -1.78 3.85	57.24 -1.87 3.26	50.43 -2.10 2.80	39.51 -1.95 0.02	34.42 -1.93 0.06
SOUTH CAIRO___GT 23612	40.13 1.87 0.00	37.84 1.66 0.00	34.43 1.58 0.00	33.79 1.49 0.00	33.41 1.32 0.00	35.39 1.36 0.00	39.68 1.49 0.00	38.63 0.79 0.00	35.32 0.56 0.00	33.17 0.13 0.00	30.67 0.09 0.00	31.43 0.19 0.00	32.01 0.19 0.00	35.28 0.28 0.00	36.04 0.39 0.00	37.16 0.59 0.00	44.26 1.00 0.00	52.49 1.58 0.00	63.48 2.44 0.00	69.42 3.37 0.00	65.62 3.24 0.00	58.27 2.93 0.00	43.59 2.12 0.00	38.11 1.71 0.00
SOUTH HAMPTN___IC 23720	41.89 3.64 0.00	38.64 2.46 0.00	35.02 2.17 0.00	34.44 2.13 0.00	34.28 2.18 0.00	36.14 2.11 0.00	41.13 2.94 0.00	41.09 3.25 0.00	38.18 3.41 0.00	36.61 3.57 0.00	33.94 3.36 0.00	34.71 3.47 0.00	35.45 3.63 0.00	39.72 4.23 -0.48	42.21 4.35 -2.21	45.93 4.35 -5.00	51.04 5.67 -2.12	60.91 6.41 -3.58	71.81 5.68 -5.10	69.81 3.76 0.00	64.49 2.12 0.00	58.82 3.49 0.00	49.79 3.57 -4.75	42.47 2.95 -3.13
SOUTHDOW__115KV_TB1 355954	35.52 -2.72 0.02	32.97 -2.71 0.50	30.13 -2.69 0.02	29.50 -2.78 0.02	29.31 -2.76 0.02	31.62 -2.38 0.02	27.67 -2.37 8.15	36.07 -1.74 0.02	31.97 -1.67 1.13	31.13 -1.88 0.02	28.69 -1.87 0.02	29.43 -1.47 0.35	29.37 -1.69 0.77	26.52 -1.75 6.73	27.24 -1.75 6.66	27.59 -1.50 7.49	27.66 -1.82 13.79	33.07 -1.68 16.16	39.06 -1.34 20.63	50.40 -1.06 14.59	49.74 -1.62 11.01	44.16 -2.32 8.86	39.06 -2.32 0.09	33.45 -2.51 0.44
SOUTHOLD_69_KV_BK 2 55809	41.97 3.71 0.00	38.64 2.46 0.00	35.09 2.23 0.00	34.53 2.23 0.00	34.37 2.28 0.00	36.27 2.25 0.00	41.36 3.17 0.00	41.39 3.56 0.00	38.52 3.75 0.00	37.00 3.96 0.00	34.31 3.73 0.00	35.02 3.78 0.00	35.70 3.88 0.00	40.00 4.51 -0.48	42.46 4.60 -2.21	46.19 4.61 -5.00	51.35 5.97 -2.12	61.37 6.87 -3.58	72.36 6.23 -5.10	70.34 4.29 0.00	64.87 2.49 0.00	59.04 3.71 0.00	49.91 3.69 -4.75	42.58 3.06 -3.13
SOUTHOLD___IC 23719	41.97 3.71 0.00	38.64 2.46 0.00	35.09 2.24 0.00	34.53 2.23 0.00	34.37 2.28 0.00	36.27 2.25 0.00	41.36 3.17 0.00	41.39 3.56 0.00	38.52 3.76 0.00	37.00 3.96 0.00	34.31 3.73 0.00	35.05 3.81 0.00	35.70 3.88 0.00	40.00 4.52 -0.48	42.46 4.60 -2.21	46.19 4.61 -5.00	51.35 5.97 -2.12	61.36 6.87 -3.58	72.37 6.23 -5.10	70.28 4.23 0.00	64.87 2.50 0.00	59.04 3.71 0.00	49.91 3.69 -4.75	42.59 3.06 -3.13
SOUTH_FORK_WT_PWR 323839	41.66 3.40 0.00	38.39 2.21 0.00	34.86 2.00 0.00	34.34 2.04 0.00	34.25 2.15 0.00	36.14 2.11 0.00	41.25 3.06 0.00	41.28 3.44 0.00	38.49 3.72 0.00	37.00 3.96 0.00	34.31 3.73 0.00	34.99 3.75 0.00	35.60 3.78 0.00	39.86 4.37 -0.48	42.25 4.38 -2.21	45.93 4.35 -5.00	51.04 5.67 -2.12	61.01 6.52 -3.58	71.94 5.80 -5.10	69.75 3.70 0.00	64.31 1.94 0.00	58.60 3.26 0.00	49.58 3.36 -4.75	42.33 2.80 -3.13

SPIERFLS_115KV_TB 1 80737	39.48 1.22 0.00	37.41 1.23 0.00	34.07 1.22 0.00	33.47 1.16 0.00	33.12 1.03 0.00	35.18 1.16 0.00	39.37 1.18 0.00	38.41 0.57 0.00	35.08 0.31 0.00	33.04 0.00 0.00	30.49 -0.09 0.00	31.24 0.00 0.00	31.60 -0.22 0.00	34.65 -0.35 0.00	35.26 -0.39 0.00	36.76 0.18 0.00	43.91 0.65 0.00	52.08 1.17 0.00	62.99 1.95 0.00	69.29 3.24 0.00	65.43 3.06 0.00	58.11 2.77 0.00	43.46 1.99 0.00	38.00 1.60 0.00
ST LAWRENCE____ 23600	38.10 -0.15 0.00	36.07 -0.11 0.00	32.62 -0.23 0.00	32.11 -0.19 0.00	31.97 -0.13 0.00	33.92 -0.10 0.00	38.11 -0.08 0.00	37.72 -0.11 0.00	34.63 -0.14 0.00	32.87 -0.16 0.00	30.40 -0.18 0.00	31.09 -0.16 0.00	31.66 -0.16 0.00	34.79 -0.21 0.00	35.40 -0.25 0.00	36.32 -0.25 0.00	43.00 -0.26 0.00	50.56 -0.35 0.00	60.55 -0.49 0.00	65.66 -0.39 0.00	62.13 -0.25 0.00	55.01 -0.33 0.00	41.39 -0.08 0.00	36.33 -0.07 0.00
STATE_CA_115KV_115_LB 55624	39.14 0.88 0.00	37.01 0.83 0.00	33.74 0.89 0.00	33.14 0.84 0.00	32.83 0.74 0.00	34.77 0.75 0.00	38.95 0.76 0.00	38.33 0.49 0.00	35.22 0.45 0.00	33.63 0.59 0.00	31.10 0.52 0.00	31.93 0.69 0.00	32.46 0.64 0.00	35.70 0.70 0.00	36.43 0.78 0.00	37.53 0.95 0.00	44.30 1.04 0.00	51.88 0.97 0.00	62.14 1.10 0.00	67.44 1.39 0.00	63.68 1.31 0.00	56.67 1.33 0.00	42.59 1.12 0.00	37.31 0.91 0.00
STATE_ST_34_KV_LOAD 55959	37.95 -0.31 -0.01	35.93 -0.36 -0.11	32.50 -0.36 -0.01	31.92 -0.39 -0.01	31.72 -0.39 -0.01	33.76 -0.27 -0.01	39.81 -0.27 -1.89	37.65 -0.19 -0.01	34.67 -0.35 -0.25	32.71 -0.33 -0.01	30.25 -0.34 -0.01	30.95 -0.37 -0.08	31.61 -0.38 -0.17	36.13 -0.38 -1.52	36.75 -0.39 -1.50	37.87 -0.44 -1.73	45.57 -0.56 -2.88	53.59 -0.36 -3.03	64.87 0.12 -3.71	68.91 0.46 -2.39	64.43 0.44 -1.61	56.64 0.11 -1.19	41.24 -0.25 -0.02	36.17 -0.33 -0.10
STATION 5_MISC_HYD 23604	35.72 -2.53 0.00	33.41 -2.68 0.09	30.48 -2.37 0.00	30.04 -2.26 0.00	29.88 -2.21 0.00	31.67 -2.35 0.00	34.16 -2.40 1.62	35.79 -2.04 0.00	32.61 -1.95 0.22	31.62 -1.42 0.00	29.17 -1.41 0.00	29.43 -1.75 0.07	29.89 -1.78 0.15	31.82 -1.89 1.28	32.35 -2.03 1.27	33.08 -2.01 1.49	37.22 -2.59 3.44	43.51 -2.59 4.81	51.87 -2.56 6.61	58.49 -2.38 5.19	55.36 -2.68 4.33	48.77 -2.88 3.69	38.84 -2.61 0.02	33.80 -2.51 0.08
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.15 -2.10 0.00	33.90 -2.21 0.07	30.91 -1.94 0.00	30.43 -1.87 0.00	30.26 -1.83 0.00	32.08 -1.94 0.00	34.92 -1.99 1.29	36.17 -1.66 0.00	32.96 -1.63 0.17	31.85 -1.19 0.00	29.38 -1.19 0.00	29.78 -1.41 0.05	30.21 -1.50 0.12	32.37 -1.71 1.02	32.92 -1.92 1.01	33.68 -1.72 1.18	38.24 -2.25 2.78	44.80 -2.19 3.92	53.50 -2.14 5.41	59.80 -1.98 4.27	56.61 -2.18 3.59	49.90 -2.38 3.06	39.30 -2.16 0.02	34.22 -2.11 0.07
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.65 -2.60 0.00	33.33 -2.75 0.10	30.45 -2.40 0.00	29.97 -2.33 0.00	29.81 -2.28 0.00	31.60 -2.42 0.00	34.06 -2.48 1.65	35.71 -2.12 0.00	32.53 -2.02 0.22	31.58 -1.45 0.00	29.11 -1.47 0.00	29.46 -1.72 0.07	29.86 -1.81 0.15	31.73 -1.96 1.31	32.25 -2.10 1.29	32.98 -2.08 1.52	37.05 -2.73 3.49	43.35 -2.70 4.86	51.61 -2.75 6.68	58.17 -2.64 5.24	55.13 -2.87 4.37	48.57 -3.04 3.73	38.75 -2.70 0.02	33.73 -2.58 0.09
STA_56____34_KV_BUS2 355983	35.65 -2.60 0.00	33.33 -2.75 0.10	30.45 -2.40 0.00	29.97 -2.33 0.00	29.81 -2.28 0.00	31.60 -2.42 0.00	34.06 -2.48 1.65	35.71 -2.12 0.00	32.53 -2.02 0.22	31.58 -1.45 0.00	29.11 -1.47 0.00	29.46 -1.72 0.07	29.86 -1.81 0.15	31.73 -1.96 1.31	32.25 -2.10 1.29	32.98 -2.08 1.52	37.05 -2.73 3.49	43.35 -2.70 4.86	51.61 -2.75 6.68	58.17 -2.64 5.24	55.13 -2.87 4.37	48.57 -3.04 3.73	38.75 -2.70 0.02	33.73 -2.58 0.09
STA_67____115KV_BK2 355882	35.69 -2.56 0.00	33.34 -2.75 0.10	30.45 -2.40 0.00	29.97 -2.33 0.00	29.81 -2.28 0.00	31.60 -2.42 0.00	34.08 -2.48 1.63	35.71 -2.12 0.00	32.53 -2.02 0.22	31.58 -1.45 0.00	29.14 -1.44 0.00	29.46 -1.72 0.07	29.83 -1.85 0.15	31.75 -1.96 1.29	32.26 -2.10 1.28	32.99 -2.08 1.50	37.08 -2.73 3.46	43.39 -2.70 4.82	51.72 -2.69 6.63	58.28 -2.58 5.20	55.16 -2.87 4.35	48.59 -3.04 3.70	38.75 -2.70 0.02	33.73 -2.58 0.08
STA_7____115KV_9TRANS 80674	35.88 -2.37 0.00	33.55 -2.53 0.10	30.61 -2.23 0.00	30.17 -2.13 0.00	30.01 -2.09 0.00	31.81 -2.21 0.00	34.30 -2.25 1.64	35.94 -1.89 0.00	32.74 -1.81 0.22	31.81 -1.22 0.00	29.32 -1.25 0.00	29.68 -1.50 0.07	30.08 -1.59 0.15	31.99 -1.71 1.30	32.51 -1.85 1.29	33.28 -1.79 1.51	37.41 -2.38 3.47	43.78 -2.29 4.84	52.26 -2.14 6.65	58.92 -1.92 5.21	55.77 -2.25 4.36	49.08 -2.55 3.71	39.04 -2.41 0.02	33.95 -2.37 0.09
STA_82____115KV_TB1 80780	35.65 -2.60 0.00	33.34 -2.75 0.09	30.42 -2.43 0.00	29.97 -2.33 0.00	29.78 -2.31 0.00	31.60 -2.42 0.00	34.12 -2.52 1.55	35.68 -2.16 0.00	32.51 -2.05 0.21	31.58 -1.45 0.00	29.11 -1.47 0.00	29.43 -1.75 0.06	29.80 -1.88 0.14	31.78 -1.99 1.22	32.30 -2.14 1.21	33.04 -2.12 1.42	37.22 -2.73 3.32	43.50 -2.75 4.66	51.87 -2.75 6.42	58.35 -2.64 5.06	55.20 -2.93 4.24	48.62 -3.10 3.62	38.71 -2.74 0.02	33.70 -2.62 0.08
STEEL____WIND 323596	34.67 -3.56 0.03	32.12 -3.51 0.55	29.51 -3.32 0.03	29.02 -3.26 0.03	28.83 -3.24 0.03	30.90 -3.10 0.03	25.91 -3.28 8.99	35.09 -2.72 0.03	30.95 -2.57 1.25	30.53 -2.48 0.03	28.20 -2.35 0.03	28.45 -2.41 0.39	28.49 -2.48 0.84	24.95 -2.63 7.43	25.62 -2.67 7.35	25.75 -2.56 8.26	24.92 -3.16 15.19	29.90 -3.26 17.75	35.02 -3.42 22.60	46.66 -3.44 15.95	46.55 -3.81 12.01	41.76 -3.93 9.65	37.81 -3.57 0.10	32.53 -3.38 0.49
STEPHTWN_115KV_BK_2 55603	39.25 0.99 0.00	37.16 0.98 0.00	33.84 0.99 0.00	33.24 0.94 0.00	32.93 0.83 0.00	34.88 0.85 0.00	39.07 0.88 0.00	38.44 0.61 0.00	35.32 0.56 0.00	33.40 0.36 0.00	30.89 0.31 0.00	31.74 0.50 0.00	32.27 0.45 0.00	35.49 0.49 0.00	36.22 0.57 0.00	37.35 0.77 0.00	44.47 1.21 0.00	52.08 1.17 0.00	62.51 1.46 0.00	67.90 1.85 0.00	64.06 1.68 0.00	57.00 1.66 0.00	42.80 1.33 0.00	37.49 1.09 0.00
STEBEN_REC_LFGE 323667	37.02 -1.30 -0.06	36.10 -1.41 -1.33	31.54 -1.38 -0.06	30.95 -1.42 -0.06	30.78 -1.38 -0.06	33.03 -1.05 -0.06	59.67 -1.07 -22.55	37.07 -0.83 -0.06	36.72 -1.08 -3.03	31.88 -1.22 -0.06	29.42 -1.22 -0.06	31.02 -1.16 -0.93	32.69 -1.18 -2.05	51.84 -1.22 -18.07	52.32 -1.21 -17.88	56.31 -0.99 -20.72	77.88 -1.12 -35.75	89.56 -0.66 -39.31	110.29 0.12 -49.12	99.93 0.92 -32.96	86.65 0.87 -23.40	73.42 0.11 -17.97	41.02 -0.71 -0.25	36.49 -1.09 -1.18
STILLWATER____SOLAR 323814	39.75 1.49 0.00	37.63 1.45 0.00	34.26 1.41 0.00	33.66 1.36 0.00	33.35 1.25 0.00	35.35 1.33 0.00	39.60 1.41 0.00	38.82 0.98 0.00	35.53 0.76 0.00	33.60 0.56 0.00	31.01 0.43 0.00	31.83 0.59 0.00	32.33 0.51 0.00	35.53 0.53 0.00	36.22 0.57 0.00	37.42 0.84 0.00	44.56 1.30 0.00	52.59 1.68 0.00	63.36 2.32 0.00	69.09 3.04 0.00	65.31 2.93 0.00	58.10 2.77 0.00	43.50 2.03 0.00	38.08 1.68 0.00

STONY___BROOK 24151	41.66 3.40 0.00	38.46 2.28 0.00	34.89 2.04 0.00	34.24 1.94 0.00	34.02 1.93 0.00	35.86 1.84 0.00	40.79 2.60 0.00	40.64 2.80 0.00	37.72 2.95 0.00	36.08 3.04 0.00	33.49 2.91 0.00	34.27 3.03 0.00	35.07 3.25 0.00	39.37 3.88 -0.48	41.85 3.99 -2.21	45.75 4.17 -5.00	50.57 5.19 -2.12	60.26 5.65 -3.70	71.58 4.94 -5.60	69.68 3.63 0.00	64.74 2.37 0.00	58.43 3.10 0.00	49.51 3.28 -4.76	42.30 2.77 -3.14
STURGEON_POOL_HYD 23609	40.86 2.60 0.00	38.32 2.13 0.00	34.92 2.07 0.00	34.27 1.97 0.00	33.89 1.80 0.00	35.76 1.74 0.00	40.48 2.29 0.00	39.92 2.08 0.00	36.85 2.09 0.00	34.79 1.75 0.00	32.35 1.77 0.00	32.99 1.75 0.00	33.76 1.94 0.00	37.20 2.20 0.00	38.11 2.46 0.00	39.36 2.78 0.00	46.68 3.42 0.00	55.29 4.38 0.00	66.05 5.01 0.00	71.27 5.22 0.00	66.99 4.62 0.00	59.43 4.10 0.00	44.29 2.82 0.00	38.62 2.22 0.00
ST_LAW_115_BK7_LBMP 345037	38.10 -0.15 0.00	36.04 -0.14 0.00	32.59 -0.26 0.00	32.11 -0.19 0.00	31.94 -0.16 0.00	33.89 -0.14 0.00	38.07 -0.11 0.00	37.69 -0.15 0.00	34.59 -0.17 0.00	32.84 -0.20 0.00	30.37 -0.21 0.00	31.06 -0.19 0.00	31.63 -0.19 0.00	34.76 -0.24 0.00	35.36 -0.29 0.00	36.28 -0.29 0.00	42.96 -0.30 0.00	50.45 -0.46 0.00	60.43 -0.61 0.00	65.59 -0.46 0.00	62.06 -0.31 0.00	54.95 -0.38 0.00	41.39 -0.08 0.00	36.33 -0.07 0.00
ST_LAW_115_BK8_LBMP 345038	38.10 -0.15 0.00	36.04 -0.14 0.00	32.59 -0.26 0.00	32.11 -0.19 0.00	31.94 -0.16 0.00	33.89 -0.14 0.00	38.07 -0.11 0.00	37.69 -0.15 0.00	34.59 -0.17 0.00	32.84 -0.20 0.00	30.37 -0.21 0.00	31.06 -0.19 0.00	31.63 -0.19 0.00	34.76 -0.24 0.00	35.36 -0.29 0.00	36.28 -0.29 0.00	42.96 -0.30 0.00	50.45 -0.46 0.00	60.43 -0.61 0.00	65.59 -0.46 0.00	62.06 -0.31 0.00	54.95 -0.38 0.00	41.39 -0.08 0.00	36.33 -0.07 0.00
ST_LAW_230_BK5_LBMP 345035	38.10 -0.15 0.00	36.07 -0.11 0.00	32.62 -0.23 0.00	32.11 -0.19 0.00	31.97 -0.13 0.00	33.92 -0.10 0.00	38.11 -0.08 0.00	37.72 -0.11 0.00	34.63 -0.14 0.00	32.87 -0.16 0.00	30.40 -0.18 0.00	31.09 -0.16 0.00	31.66 -0.16 0.00	34.79 -0.21 0.00	35.40 -0.25 0.00	36.32 -0.25 0.00	43.00 -0.26 0.00	50.56 -0.35 0.00	60.55 -0.49 0.00	65.66 -0.39 0.00	62.13 -0.25 0.00	55.01 -0.33 0.00	41.39 -0.08 0.00	36.33 -0.07 0.00
ST_LAW_230_BK6_LBMP 345036	38.10 -0.15 0.00	36.07 -0.11 0.00	32.62 -0.23 0.00	32.11 -0.19 0.00	31.97 -0.13 0.00	33.92 -0.10 0.00	38.11 -0.08 0.00	37.72 -0.11 0.00	34.63 -0.14 0.00	32.87 -0.16 0.00	30.40 -0.18 0.00	31.09 -0.16 0.00	31.66 -0.16 0.00	34.79 -0.21 0.00	35.40 -0.25 0.00	36.32 -0.25 0.00	43.00 -0.26 0.00	50.56 -0.35 0.00	60.55 -0.49 0.00	65.66 -0.39 0.00	62.13 -0.25 0.00	55.01 -0.33 0.00	41.39 -0.08 0.00	36.33 -0.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.79 1.53 0.00	37.41 1.23 0.00	34.13 1.28 0.00	33.50 1.20 0.00	33.19 1.09 0.00	35.01 0.99 0.00	39.53 1.34 0.00	39.20 1.36 0.00	36.16 1.39 0.00	34.33 1.29 0.00	31.93 1.35 0.00	32.59 1.34 0.00	33.28 1.46 0.00	36.64 1.64 0.00	37.47 1.82 0.00	38.63 2.05 0.00	45.77 2.51 0.00	53.76 2.85 0.00	64.03 2.99 0.00	68.89 2.84 0.00	64.81 2.43 0.00	57.61 2.27 0.00	43.13 1.66 0.00	37.71 1.31 0.00
SWANROAD_115KV_TB1 355699	33.53 -4.71 0.02	31.28 -4.49 0.42	28.66 -4.17 0.02	28.21 -4.07 0.02	28.03 -4.04 0.02	29.89 -4.12 0.02	26.98 -4.35 6.85	33.50 -4.31 0.02	30.40 -3.44 0.93	29.62 -3.40 0.02	27.32 -3.24 0.02	27.26 -3.69 0.29	27.88 -3.31 0.63	25.93 -3.60 5.46	26.54 -3.71 5.40	26.62 -3.66 6.30	26.82 -4.59 11.85	31.88 -4.94 14.09	37.06 -5.86 18.12	46.84 -6.28 12.94	46.02 -6.49 9.87	41.46 -5.92 7.96	35.90 -5.47 0.10	31.59 -4.44 0.37
SYNERGY___BIOGAS 323694	35.07 -3.18 0.01	32.66 -3.22 0.30	29.88 -2.96 0.01	29.45 -2.84 0.01	29.29 -2.79 0.01	31.19 -2.82 0.01	30.40 -2.79 5.00	35.21 -2.61 0.01	31.80 -2.29 0.68	30.98 -2.05 0.01	28.49 -2.08 0.01	28.69 -2.34 0.21	29.13 -2.23 0.46	28.61 -2.38 4.01	29.19 -2.50 3.97	29.57 -2.41 4.59	31.32 -3.11 8.82	37.16 -3.00 10.75	44.12 -2.93 13.99	53.18 -2.71 10.16	51.37 -3.12 7.89	45.64 -3.27 6.44	38.05 -3.36 0.07	33.11 -3.02 0.27
SYRACUSE___ENERGY_ST1 323597	37.80 -0.46 0.00	35.71 -0.47 0.00	32.42 -0.43 0.00	31.88 -0.42 0.00	31.68 -0.42 0.00	33.65 -0.37 0.00	37.77 -0.42 0.00	37.50 -0.34 0.00	34.38 -0.38 0.00	32.71 -0.33 0.00	30.24 -0.34 0.00	30.87 -0.37 0.00	31.44 -0.38 0.00	34.58 -0.42 0.00	35.18 -0.46 0.00	36.07 -0.51 0.00	42.53 -0.74 0.00	50.30 -0.61 0.00	60.55 -0.49 0.00	65.72 -0.33 0.00	62.13 -0.25 0.00	54.90 -0.44 0.00	40.93 -0.54 0.00	35.93 -0.47 0.00
SYRACUSE___ENERGY_ST2 323598	37.80 -0.46 0.00	35.71 -0.47 0.00	32.42 -0.43 0.00	31.88 -0.42 0.00	31.68 -0.42 0.00	33.65 -0.37 0.00	37.77 -0.42 0.00	37.50 -0.34 0.00	34.38 -0.38 0.00	32.71 -0.33 0.00	30.24 -0.34 0.00	30.87 -0.37 0.00	31.44 -0.38 0.00	34.58 -0.42 0.00	35.18 -0.46 0.00	36.07 -0.51 0.00	42.53 -0.74 0.00	50.30 -0.61 0.00	60.55 -0.49 0.00	65.72 -0.33 0.00	62.13 -0.25 0.00	54.90 -0.44 0.00	40.93 -0.54 0.00	35.93 -0.47 0.00
SYRACUSE___POWER 24017	37.76 -0.50 0.00	35.67 -0.51 0.00	32.39 -0.46 0.00	31.82 -0.48 0.00	31.61 -0.48 0.00	33.58 -0.44 0.00	37.69 -0.50 0.00	37.46 -0.38 0.00	34.35 -0.42 0.00	32.68 -0.36 0.00	30.21 -0.37 0.00	30.84 -0.41 0.00	31.41 -0.41 0.00	34.58 -0.42 0.00	35.18 -0.46 0.00	36.03 -0.55 0.00	42.24 -0.74 0.29	49.59 -0.66 0.66	59.52 -0.49 1.03	64.71 -0.40 0.94	61.11 -0.37 0.89	54.03 -0.50 0.81	40.89 -0.58 0.00	35.89 -0.51 0.00
TALLMAN__138KV_BK151 55660	39.98 1.72 0.00	37.59 1.41 0.00	34.26 1.41 0.00	33.66 1.36 0.00	33.35 1.25 0.00	35.18 1.16 0.00	39.72 1.53 0.00	39.43 1.59 0.00	36.40 1.63 0.00	34.59 1.55 0.00	32.17 1.59 0.00	32.87 1.62 0.00	33.57 1.75 0.00	36.96 1.96 0.00	37.79 2.14 0.00	38.96 2.38 0.00	46.16 2.90 0.00	54.17 3.26 0.00	64.46 3.42 0.00	69.22 3.17 0.00	65.06 2.68 0.00	57.94 2.60 0.00	43.38 1.91 0.00	37.89 1.49 0.00
TEALLAVE_115KV_TB7 355573	37.61 -0.65 0.00	35.49 -0.69 0.00	32.26 -0.59 0.00	31.69 -0.61 0.00	31.49 -0.61 0.00	33.45 -0.58 0.00	37.54 -0.65 0.00	37.31 -0.53 0.00	34.25 -0.52 0.00	32.58 -0.46 0.00	30.12 -0.46 0.00	30.74 -0.50 0.00	31.31 -0.51 0.00	34.47 -0.52 0.00	35.04 -0.61 0.00	35.88 -0.69 0.00	41.99 -0.91 0.37	49.16 -0.92 0.83	58.89 -0.85 1.30	64.14 -0.73 1.19	60.51 -0.75 1.12	53.55 -0.77 1.02	40.68 -0.79 0.00	35.71 -0.69 0.00
TELGRAPH_34_KV_EAST 80808	34.38 -3.86 0.02	32.03 -3.80 0.35	29.35 -3.48 0.02	28.90 -3.39 0.02	28.74 -3.34 0.02	30.61 -3.40 0.02	28.85 -3.51 5.82	34.53 -3.29 0.02	31.16 -2.82 0.79	30.41 -2.61 0.02	28.03 -2.54 0.02	28.15 -2.84 0.25	28.61 -2.67 0.54	27.42 -2.90 4.67	28.03 -2.99 4.62	28.30 -2.93 5.35	29.40 -3.72 10.14	34.89 -3.82 12.20	41.02 -4.21 15.81	50.44 -4.23 11.38	49.00 -4.62 8.76	43.74 -4.48 7.11	37.16 -4.23 0.08	32.41 -3.68 0.31

TEMPLE___115KV_TB 2 55572	37.61 -0.65 0.00	35.53 -0.65 0.00	32.26 -0.59 0.00	31.72 -0.58 0.00	31.52 -0.58 0.00	33.48 -0.54 0.00	37.58 -0.61 0.00	37.35 -0.49 0.00	34.25 -0.52 0.00	32.61 -0.43 0.00	30.15 -0.43 0.00	30.77 -0.47 0.00	31.34 -0.48 0.00	34.47 -0.52 0.00	35.08 -0.57 0.00	35.92 -0.66 0.00	42.03 -0.87 0.37	49.20 -0.87 0.85	58.93 -0.79 1.32	64.12 -0.73 1.21	60.55 -0.69 1.14	53.53 -0.77 1.03	40.68 -0.79 0.00	35.74 -0.66 0.00
TIANA___69_KV_BK 1 55817	41.89 3.63 0.00	38.64 2.46 0.00	35.05 2.20 0.00	34.44 2.13 0.00	34.25 2.15 0.00	36.10 2.08 0.00	41.05 2.86 0.00	40.98 3.14 0.00	38.07 3.30 0.00	36.48 3.44 0.00	33.85 3.27 0.00	34.59 3.34 0.00	35.35 3.53 0.00	39.65 4.16 -0.48	42.18 4.31 -2.21	45.90 4.32 -5.00	51.00 5.62 -2.12	60.81 6.31 -3.58	71.75 5.62 -5.10	69.75 3.70 0.00	64.49 2.12 0.00	58.77 3.43 0.00	49.79 3.57 -4.75	42.48 2.95 -3.13
TILDEN___115KV_TB1 80814	37.76 -0.50 0.00	35.67 -0.51 0.00	32.39 -0.46 0.00	31.82 -0.48 0.00	31.61 -0.48 0.00	33.58 -0.44 0.00	37.69 -0.50 0.00	37.46 -0.38 0.00	34.35 -0.42 0.00	32.68 -0.36 0.00	30.21 -0.37 0.00	30.84 -0.41 0.00	31.41 -0.41 0.00	34.58 -0.42 0.00	35.18 -0.46 0.00	36.03 -0.55 0.00	42.24 -0.74 0.29	49.59 -0.66 0.66	59.52 -0.49 1.03	64.71 -0.40 0.94	61.11 -0.37 0.89	54.03 -0.50 0.81	40.89 -0.58 0.00	35.89 -0.51 0.00
TRIGEN___CC 323695	40.67 2.41 0.00	37.81 1.63 0.00	34.36 1.51 0.00	33.76 1.45 0.00	33.51 1.41 0.00	35.28 1.26 0.00	40.02 1.83 0.00	39.84 2.01 0.00	36.92 2.16 0.00	35.25 2.21 0.00	32.75 2.17 0.00	33.52 2.28 0.00	34.27 2.45 0.00	38.35 2.87 -0.48	40.93 3.07 -2.21	44.91 3.33 -5.00	49.40 4.02 -2.12	79.13 4.63 -23.59	75.44 3.97 -10.43	69.83 3.77 -0.02	65.26 2.87 -0.02	58.12 2.77 -0.02	52.09 2.49 -8.12	43.79 2.04 -5.35
TRINITY___115KV___ 4 BK 55933	39.02 0.77 0.00	36.90 0.72 0.00	33.64 0.79 0.00	33.05 0.74 0.00	32.71 0.61 0.00	34.64 0.61 0.00	38.84 0.65 0.00	38.22 0.38 0.00	35.15 0.38 0.00	33.30 0.26 0.00	30.83 0.24 0.00	31.59 0.34 0.00	32.14 0.32 0.00	35.35 0.35 0.00	36.08 0.43 0.00	37.16 0.59 0.00	44.17 0.91 0.00	51.73 0.81 0.00	61.90 0.85 0.00	67.04 0.99 0.00	63.31 0.94 0.00	56.39 1.05 0.00	42.39 0.91 0.00	37.16 0.76 0.00
UNION___PROCESSING_DRP 323587	35.65 -2.60 0.00	33.34 -2.75 0.09	30.42 -2.43 0.00	29.97 -2.33 0.00	29.81 -2.28 0.00	31.60 -2.42 0.00	34.07 -2.52 1.60	35.71 -2.12 0.00	32.50 -2.05 0.21	31.58 -1.45 0.00	29.11 -1.47 0.00	29.46 -1.72 0.07	29.83 -1.85 0.14	31.73 -1.99 1.27	32.25 -2.14 1.26	32.98 -2.12 1.47	37.13 -2.73 3.41	43.40 -2.75 4.76	51.75 -2.75 6.54	58.28 -2.64 5.14	55.21 -2.87 4.29	48.64 -3.04 3.66	38.75 -2.70 0.02	33.70 -2.62 0.08
UPPER HUDSON___HYD 24058	39.48 1.22 0.00	37.41 1.23 0.00	34.07 1.22 0.00	33.47 1.16 0.00	33.12 1.03 0.00	35.18 1.16 0.00	39.37 1.19 0.00	38.41 0.57 0.00	35.08 0.31 0.00	33.07 0.03 0.00	30.49 -0.09 0.00	31.24 0.00 0.00	31.63 -0.19 0.00	34.65 -0.35 0.00	35.26 -0.39 0.00	36.76 0.18 0.00	43.91 0.65 0.00	52.08 1.17 0.00	62.99 1.95 0.00	69.29 3.24 0.00	65.43 3.06 0.00	58.10 2.77 0.00	43.46 1.99 0.00	38.00 1.60 0.00
UPPER RAQUET___HYD 24056	38.03 -0.23 0.00	35.96 -0.22 0.00	32.49 -0.36 0.00	32.04 -0.26 0.00	31.87 -0.22 0.00	33.89 -0.14 0.00	38.11 -0.08 0.00	37.61 -0.23 0.00	34.39 -0.38 0.00	32.58 -0.46 0.00	30.12 -0.46 0.00	30.81 -0.44 0.00	31.41 -0.41 0.00	34.48 -0.52 0.00	34.86 -0.78 0.00	35.59 -0.99 0.00	42.05 -1.21 0.00	49.39 -1.53 0.00	59.52 -1.52 0.00	64.73 -1.32 0.00	61.44 -0.93 0.00	54.23 -1.11 0.00	41.10 -0.37 0.00	36.15 -0.25 0.00
VALLEY44___115KV_TB2 355964	35.71 -2.52 0.02	33.44 -2.28 0.46	30.33 -2.50 0.02	29.70 -2.58 0.02	29.54 -2.54 0.02	32.03 -1.97 0.02	28.67 -1.99 7.53	36.42 -1.40 0.02	32.27 -1.46 1.04	30.77 -2.25 0.02	28.42 -2.14 0.02	29.70 -1.22 0.32	29.71 -1.40 0.71	27.32 -1.47 6.21	28.08 -1.43 6.14	28.34 -1.32 6.92	28.80 -1.69 12.78	34.31 -1.58 15.02	40.30 -1.53 19.21	51.12 -1.32 13.62	50.33 -1.75 10.30	44.94 -2.10 8.29	39.32 -2.07 0.08	33.88 -2.11 0.41
VALLEY___115KV_TB 1-4 80826	39.06 0.80 0.00	36.94 0.76 0.00	33.57 0.72 0.00	33.05 0.74 0.00	32.83 0.74 0.00	34.84 0.82 0.00	39.14 0.95 0.00	38.75 0.91 0.00	35.53 0.76 0.00	33.77 0.73 0.00	31.22 0.64 0.00	31.93 0.69 0.00	32.49 0.67 0.00	35.73 0.73 0.00	36.40 0.75 0.00	37.31 0.73 0.00	44.08 0.82 0.00	51.93 1.02 0.00	62.51 1.46 0.00	67.64 1.59 0.00	63.81 1.43 0.00	56.67 1.33 0.00	42.55 1.08 0.00	37.27 0.87 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.10 1.84 0.00	37.89 1.63 -0.08	34.33 1.48 0.00	33.73 1.42 0.00	33.45 1.35 0.00	35.76 1.74 0.00	41.48 1.87 -1.42	39.43 1.59 0.00	35.82 0.87 -0.19	33.57 0.53 0.00	30.86 0.28 0.00	31.89 0.59 -0.06	32.42 0.48 -0.13	36.72 0.59 -1.12	37.22 0.46 -1.11	38.43 0.55 -1.30	46.18 0.82 -2.10	54.62 1.58 -2.13	67.38 3.78 -2.55	71.99 4.36 -1.57	67.43 4.05 -1.00	59.41 3.38 -0.70	43.81 2.32 -0.01	38.15 1.67 -0.07
VISCHER___FERRY HYD 24020	39.48 1.22 0.00	37.34 1.16 0.00	34.03 1.18 0.00	33.43 1.13 0.00	33.09 1.00 0.00	35.08 1.06 0.00	39.33 1.14 0.00	38.71 0.87 0.00	35.57 0.80 0.00	33.73 0.69 0.00	31.19 0.61 0.00	31.93 0.69 0.00	32.49 0.67 0.00	35.70 0.70 0.00	36.43 0.78 0.00	37.53 0.95 0.00	44.65 1.38 0.00	52.49 1.58 0.00	62.87 1.83 0.00	68.17 2.11 0.00	64.43 2.06 0.00	57.39 2.05 0.00	43.05 1.58 0.00	37.71 1.31 0.00
V_A_10_SYNC_DSASP 323832	34.19 -4.06 0.01	31.73 -4.16 0.29	29.16 -3.68 0.01	28.74 -3.55 0.01	28.52 -3.56 0.01	30.27 -3.74 0.01	29.27 -3.97 4.95	34.34 -3.48 0.01	30.88 -3.23 0.66	30.51 -2.51 0.01	28.15 -2.42 0.01	28.14 -2.91 0.20	28.35 -3.02 0.44	27.78 -3.29 3.93	28.37 -3.39 3.89	28.67 -3.37 4.55	30.26 -4.24 8.77	35.61 -4.58 10.72	41.80 -5.19 14.06	50.48 -5.35 10.23	48.87 -5.55 7.95	43.54 -5.31 6.49	36.98 -4.44 0.06	32.07 -4.08 0.25
V_CMM_10_SYNC_DSASP 323787	38.26 0.00 0.00	36.22 0.04 0.00	32.72 -0.13 0.00	32.24 -0.06 0.00	32.06 -0.03 0.00	34.06 0.03 0.00	38.27 0.08 0.00	37.84 0.00 0.00	34.73 -0.03 0.00	32.94 -0.10 0.00	30.52 -0.06 0.00	31.18 -0.06 0.00	31.79 -0.03 0.00	34.89 -0.10 0.00	35.50 -0.14 0.00	36.40 -0.18 0.00	43.13 -0.13 0.00	50.66 -0.25 0.00	60.43 -0.61 0.00	65.52 -0.53 0.00	62.13 -0.25 0.00	55.12 -0.22 0.00	41.56 0.08 0.00	36.51 0.11 0.00
V_CMP_10_SYNC_DSASP 323788	38.60 0.34 0.00	36.51 0.33 0.00	33.02 0.16 0.00	32.53 0.23 0.00	32.35 0.26 0.00	34.37 0.34 0.00	38.65 0.46 0.00	38.25 0.42 0.00	35.11 0.35 0.00	33.30 0.26 0.00	30.83 0.24 0.00	31.49 0.25 0.00	32.07 0.25 0.00	35.21 0.21 0.00	35.86 0.21 0.00	36.83 0.26 0.00	43.65 0.39 0.00	51.27 0.36 0.00	61.59 0.55 0.00	66.85 0.79 0.00	63.37 1.00 0.00	55.89 0.55 0.00	42.10 0.62 0.00	36.95 0.55 0.00



V_D_10_SYNC_DSASP 323841	38.37 0.11 0.00	36.33 0.14 0.00	32.79 -0.07 0.00	32.34 0.03 0.00	32.16 0.06 0.00	34.13 0.10 0.00	38.38 0.19 0.00	37.95 0.11 0.00	34.77 0.00 0.00	32.97 -0.07 0.00	30.52 -0.06 0.00	31.21 -0.03 0.00	31.82 0.00 0.00	34.93 -0.07 0.00	35.54 -0.11 0.00	36.40 -0.18 0.00	43.13 -0.13 0.00	50.66 -0.25 0.00	60.74 -0.31 0.00	65.92 -0.13 0.00	62.56 0.19 0.00	55.23 -0.11 0.00	41.68 0.21 0.00	36.62 0.22 0.00
V_E_10_SYNC_DSASP 323830	40.06 1.80 -0.01	37.90 1.59 -0.13	34.30 1.45 -0.01	33.70 1.39 -0.01	33.45 1.35 -0.01	35.87 1.84 -0.01	42.42 1.99 -2.24	39.62 1.78 -0.01	35.97 0.90 -0.30	33.54 0.50 -0.01	30.77 0.18 -0.01	31.77 0.44 -0.09	32.34 0.32 -0.20	37.20 0.42 -1.78	37.73 0.32 -1.76	39.00 0.37 -2.06	47.26 0.61 -3.39	55.97 1.53 -3.53	69.19 3.85 -4.30	73.28 4.49 -2.74	68.44 4.24 -1.82	60.09 3.43 -1.32	43.74 2.24 -0.02	38.05 1.53 -0.12
V_F_30_NSYNC___DSASP 323816	39.79 1.53 0.00	37.66 1.48 0.00	34.30 1.45 0.00	33.69 1.39 0.00	33.38 1.28 0.00	35.39 1.36 0.00	39.64 1.45 0.00	38.90 1.06 0.00	35.60 0.83 0.00	33.67 0.63 0.00	31.07 0.49 0.00	31.90 0.66 0.00	32.39 0.57 0.00	35.59 0.59 0.00	36.29 0.64 0.00	37.49 0.91 0.00	44.65 1.38 0.00	52.69 1.78 0.00	63.42 2.38 0.00	69.22 3.17 0.00	65.37 2.99 0.00	58.16 2.82 0.00	43.55 2.07 0.00	38.11 1.71 0.00
V_F_30_SYNC_DSASP 323786	39.14 0.88 0.00	37.01 0.83 0.00	33.74 0.89 0.00	33.14 0.84 0.00	32.83 0.74 0.00	34.77 0.75 0.00	38.95 0.76 0.00	38.33 0.49 0.00	35.22 0.45 0.00	33.63 0.59 0.00	31.10 0.52 0.00	31.93 0.69 0.00	32.46 0.64 0.00	35.70 0.70 0.00	36.43 0.78 0.00	37.53 0.95 0.00	44.30 1.04 0.00	51.88 0.97 0.00	62.14 1.10 0.00	67.44 1.39 0.00	63.68 1.31 0.00	56.67 1.33 0.00	42.59 1.12 0.00	37.31 0.91 0.00
V_XM_10_SYNC_DSASP 323789	38.60 0.34 0.00	36.51 0.33 0.00	33.02 0.16 0.00	32.53 0.23 0.00	32.35 0.26 0.00	34.37 0.34 0.00	38.65 0.46 0.00	38.25 0.42 0.00	35.11 0.35 0.00	33.30 0.26 0.00	30.83 0.24 0.00	31.49 0.25 0.00	32.07 0.25 0.00	35.21 0.21 0.00	35.86 0.21 0.00	36.83 0.26 0.00	43.65 0.39 0.00	51.27 0.36 0.00	61.59 0.55 0.00	66.85 0.79 0.00	63.37 1.00 0.00	55.89 0.55 0.00	42.10 0.62 0.00	36.95 0.55 0.00
W.BABYLN_69_KV_BK1 56697	41.70 3.44 0.00	38.53 2.35 0.00	34.95 2.10 0.00	34.31 2.00 0.00	34.09 1.99 0.00	35.90 1.87 0.00	40.82 2.64 0.00	40.68 2.84 0.00	37.72 2.96 0.00	36.08 3.04 0.00	33.49 2.91 0.00	34.27 3.03 0.00	35.07 3.25 0.00	39.30 3.81 -0.48	41.89 4.03 -2.21	45.86 4.28 -5.00	50.61 5.23 -2.12	64.68 5.80 -7.97	70.50 5.19 -4.27	70.48 4.43 0.00	65.62 3.24 0.00	58.88 3.54 0.00	50.02 3.40 -5.15	42.66 2.88 -3.39
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.09 1.84 0.00	37.70 1.52 0.00	34.36 1.51 0.00	33.76 1.45 0.00	33.44 1.35 0.00	35.25 1.22 0.00	39.83 1.64 0.00	39.54 1.70 0.00	36.51 1.74 0.00	34.66 1.62 0.00	32.23 1.65 0.00	32.93 1.69 0.00	33.63 1.81 0.00	37.03 2.03 0.00	37.86 2.21 0.00	39.07 2.49 0.00	46.29 3.03 0.00	54.32 3.41 0.00	64.64 3.60 0.00	69.49 3.43 0.00	65.31 2.93 0.00	58.11 2.77 0.00	43.51 2.03 0.00	38.00 1.60 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.40 2.14 0.00	37.99 1.81 0.00	34.66 1.81 0.00	34.05 1.74 0.00	33.73 1.64 0.00	35.52 1.50 0.00	40.21 2.02 0.00	40.03 2.19 0.00	36.99 2.23 0.00	35.22 2.18 0.00	32.78 2.20 0.00	33.49 2.25 0.00	34.17 2.35 0.00	37.59 2.59 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.04 3.76 -0.02	55.14 4.23 0.00	65.37 4.33 0.00	70.15 4.10 0.00	65.81 3.43 0.00	58.60 3.27 0.00	43.84 2.36 0.00	38.26 1.86 0.00
W50THST__13_KV_LOAD 356117	40.55 2.30 0.00	38.13 1.95 0.00	34.82 1.97 0.00	34.18 1.87 0.00	33.86 1.77 0.00	35.69 1.67 0.00	40.40 2.21 0.00	40.26 2.42 0.00	37.20 2.43 0.00	35.42 2.38 0.00	32.97 2.39 0.00	33.68 2.44 0.00	34.37 2.55 0.00	37.83 2.83 0.00	38.71 3.07 0.00	39.91 3.33 0.00	47.34 4.07 -0.02	55.44 4.53 0.00	65.74 4.70 0.00	70.54 4.49 0.00	66.18 3.80 0.00	58.88 3.54 0.00	44.00 2.53 0.00	38.44 2.04 0.00
WADING RIVER_IC_1 23522	41.74 3.48 0.00	38.50 2.32 0.00	34.92 2.07 0.00	34.31 2.00 0.00	34.12 2.02 0.00	35.93 1.90 0.00	40.86 2.67 0.00	40.75 2.91 0.00	37.83 3.06 0.00	36.21 3.17 0.00	33.61 3.03 0.00	34.37 3.12 0.00	35.13 3.31 0.00	39.40 3.92 -0.48	41.92 4.06 -2.21	45.57 3.99 -5.00	50.65 5.28 -2.12	60.33 5.85 -3.57	71.13 5.01 -5.09	68.95 2.90 0.00	63.74 1.37 0.00	58.38 3.04 0.00	49.58 3.36 -4.75	42.33 2.80 -3.13
WADING RIVER_IC_2 23547	41.74 3.48 0.00	38.50 2.32 0.00	34.92 2.07 0.00	34.31 2.00 0.00	34.12 2.02 0.00	35.93 1.90 0.00	40.86 2.67 0.00	40.75 2.91 0.00	37.83 3.06 0.00	36.21 3.17 0.00	33.61 3.03 0.00	34.37 3.12 0.00	35.13 3.31 0.00	39.40 3.92 -0.48	41.92 4.06 -2.21	45.57 3.99 -5.00	50.65 5.28 -2.12	60.33 5.85 -3.57	71.13 5.01 -5.09	68.95 2.90 0.00	63.74 1.37 0.00	58.38 3.04 0.00	49.58 3.36 -4.75	42.33 2.80 -3.13
WADING RIVER_IC_3 23601	41.74 3.48 0.00	38.50 2.32 0.00	34.92 2.07 0.00	34.31 2.00 0.00	34.12 2.02 0.00	35.93 1.90 0.00	40.86 2.67 0.00	40.75 2.91 0.00	37.83 3.06 0.00	36.21 3.17 0.00	33.61 3.03 0.00	34.37 3.12 0.00	35.13 3.31 0.00	39.40 3.92 -0.48	41.92 4.06 -2.21	45.57 3.99 -5.00	50.65 5.28 -2.12	60.33 5.85 -3.57	71.13 5.01 -5.09	68.95 2.90 0.00	63.74 1.37 0.00	58.38 3.04 0.00	49.58 3.36 -4.75	42.33 2.80 -3.13
WALDENNY_12_KV_BK2 80841	34.60 -3.63 0.03	32.06 -3.58 0.53	29.48 -3.35 0.03	28.95 -3.33 0.03	28.76 -3.31 0.03	30.84 -3.16 0.03	26.11 -3.32 8.75	34.97 -2.84 0.03	30.95 -2.61 1.21	30.54 -2.48 0.03	28.17 -2.39 0.03	28.49 -2.37 0.38	28.52 -2.48 0.82	25.13 -2.66 7.21	25.80 -2.71 7.14	25.94 -2.60 8.04	25.24 -3.20 14.82	30.31 -3.26 17.35	35.40 -3.54 22.10	46.87 -3.57 15.62	46.67 -3.93 11.78	41.84 -4.04 9.46	37.68 -3.69 0.10	32.47 -3.46 0.47
WALDEN___HYDRO 24148	40.02 1.76 0.00	37.63 1.45 0.00	34.30 1.45 0.00	33.66 1.36 0.00	33.35 1.25 0.00	35.18 1.16 0.00	39.72 1.53 0.00	39.31 1.48 0.00	36.30 1.53 0.00	34.43 1.39 0.00	31.99 1.41 0.00	32.68 1.44 0.00	33.38 1.56 0.00	36.75 1.75 0.00	37.57 1.92 0.00	38.74 2.16 0.00	45.94 2.68 0.00	54.07 3.16 0.00	64.46 3.42 0.00	69.42 3.37 0.00	65.24 2.87 0.00	58.00 2.66 0.00	43.38 1.91 0.00	37.89 1.49 0.00
WARRENSBURG____ 23737	39.48 1.22 0.00	37.41 1.23 0.00	34.07 1.22 0.00	33.47 1.16 0.00	33.12 1.03 0.00	35.18 1.16 0.00	39.37 1.18 0.00	38.41 0.57 0.00	35.08 0.31 0.00	33.04 0.00 0.00	30.49 -0.09 0.00	31.24 0.00 0.00	31.60 -0.22 0.00	34.65 -0.35 0.00	35.26 -0.39 0.00	36.76 0.18 0.00	43.91 0.65 0.00	52.08 1.17 0.00	62.99 1.95 0.00	69.29 3.24 0.00	65.43 3.06 0.00	58.11 2.77 0.00	43.46 1.99 0.00	38.00 1.60 0.00

WATERSIDE___6 8 9 23538	40.36 2.10 0.00	37.92 1.74 0.00	34.66 1.81 0.00	34.02 1.71 0.00	33.70 1.60 0.00	35.42 1.40 0.00	40.06 1.87 0.00	39.88 2.04 0.00	36.92 2.16 0.00	35.15 2.11 0.00	32.78 2.20 0.00	33.46 2.22 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.46 2.82 0.00	39.65 3.07 0.00	47.00 3.72 -0.02	55.09 4.17 0.00	65.19 4.15 0.00	69.88 3.83 0.00	65.56 3.18 0.00	58.38 3.04 0.00	43.71 2.24 0.00	38.18 1.78 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.83 0.57 0.00	36.72 0.54 0.00	33.38 0.53 0.00	32.82 0.52 0.00	32.61 0.51 0.00	34.60 0.58 0.00	38.84 0.65 0.00	38.44 0.61 0.00	35.29 0.52 0.00	33.53 0.50 0.00	31.04 0.46 0.00	31.71 0.47 0.00	32.30 0.48 0.00	35.52 0.52 0.00	36.15 0.50 0.00	37.09 0.51 0.00	43.87 0.61 0.00	51.62 0.71 0.00	62.08 1.04 0.00	67.11 1.06 0.00	63.37 1.00 0.00	56.28 0.94 0.00	42.22 0.75 0.00	37.02 0.62 0.00
WDELAWARE___HYD 323627	39.94 1.68 0.00	37.52 1.34 0.00	34.17 1.32 0.00	33.53 1.23 0.00	33.22 1.12 0.00	35.08 1.06 0.00	39.60 1.41 0.00	39.13 1.29 0.00	36.05 1.29 0.00	34.13 1.09 0.00	31.71 1.13 0.00	32.40 1.16 0.00	33.09 1.27 0.00	36.44 1.44 0.00	37.25 1.61 0.00	38.41 1.83 0.00	45.55 2.29 0.00	53.81 2.90 0.00	64.46 3.42 0.00	69.49 3.43 0.00	65.37 2.99 0.00	58.05 2.71 0.00	43.34 1.87 0.00	37.82 1.42 0.00
WEST BABYLON___IC 23714	41.70 3.44 0.00	38.53 2.35 0.00	34.95 2.10 0.00	34.31 2.00 0.00	34.09 1.99 0.00	35.90 1.87 0.00	40.82 2.64 0.00	40.68 2.84 0.00	37.72 2.96 0.00	36.08 3.04 0.00	33.49 2.91 0.00	34.27 3.03 0.00	35.07 3.25 0.00	39.30 3.81 -0.48	41.89 4.03 -2.21	45.86 4.28 -5.00	50.61 5.23 -2.12	64.68 5.80 -7.97	70.50 5.19 -4.27	70.48 4.43 0.00	65.62 3.24 0.00	58.88 3.54 0.00	50.02 3.40 -5.15	42.66 2.88 -3.39
WEST CANADA___HYD 24049	38.33 0.08 0.00	36.29 0.11 0.00	32.98 0.13 0.00	32.43 0.13 0.00	32.19 0.10 0.00	34.13 0.10 0.00	38.27 0.08 0.00	37.91 0.08 0.00	34.84 0.07 0.00	33.11 0.07 0.00	30.64 0.06 0.00	31.31 0.06 0.00	31.88 0.06 0.00	35.07 0.07 0.00	35.72 0.07 0.00	36.65 0.07 0.00	43.35 0.09 0.00	51.01 0.10 0.00	61.16 0.12 0.00	66.19 0.13 0.00	62.44 0.06 0.00	55.45 0.11 0.00	41.60 0.12 0.00	36.47 0.07 0.00
WESTERN_NY_WIND 24143	34.99 -3.25 0.02	32.57 -3.29 0.32	29.81 -3.02 0.02	29.38 -2.91 0.02	29.22 -2.86 0.02	31.12 -2.89 0.02	29.97 -2.90 5.32	35.14 -2.69 0.02	31.72 -2.33 0.72	30.91 -2.11 0.02	28.42 -2.14 0.02	28.61 -2.41 0.23	29.04 -2.29 0.49	28.28 -2.45 4.27	28.86 -2.57 4.22	29.20 -2.49 4.89	30.72 -3.20 9.34	36.49 -3.11 11.31	43.29 -3.05 14.70	52.57 -2.84 10.64	50.91 -3.24 8.23	45.21 -3.43 6.70	37.96 -3.44 0.07	33.02 -3.09 0.28
WESTOVER___LESR 323668	38.41 0.15 0.00	36.38 0.11 -0.09	32.95 0.10 0.00	32.34 0.03 0.00	32.13 0.03 0.00	34.20 0.17 0.00	39.98 0.19 -1.60	38.11 0.26 0.00	35.12 0.14 -0.21	33.04 0.00 0.00	30.55 -0.03 0.00	31.37 0.06 -0.07	32.03 0.06 -0.14	36.37 0.10 -1.26	37.04 0.14 -1.25	38.23 0.18 -1.47	45.83 0.22 -2.35	53.73 0.46 -2.36	64.72 0.85 -2.82	68.83 1.06 -1.72	64.39 0.94 -1.08	56.75 0.66 -0.74	41.74 0.25 -0.02	36.59 0.11 -0.08
WETHRSFD_WT_PWR 323626	35.24 -2.94 0.07	31.77 -2.93 1.48	30.06 -2.73 0.07	29.52 -2.71 0.07	29.33 -2.70 0.07	31.37 -2.59 0.07	10.56 -2.75 24.88	35.27 -2.50 0.07	28.96 -2.43 3.37	30.56 -2.41 0.07	28.19 -2.33 0.07	27.83 -2.38 1.04	27.12 -2.42 2.28	12.29 -2.59 20.12	13.13 -2.60 19.92	11.27 -2.45 22.86	-0.14 -2.98 40.42	2.27 -2.95 45.68	0.33 -2.93 57.78	23.72 -2.64 39.69	30.71 -2.68 28.98	29.72 -2.88 22.74	38.42 -2.78 0.28	32.36 -2.73 1.31
WHAVSTOR_138KV_BK127 55557	39.94 1.68 0.00	37.59 1.41 0.00	34.26 1.41 0.00	33.66 1.36 0.00	33.35 1.25 0.00	35.18 1.16 0.00	39.72 1.53 0.00	39.43 1.59 0.00	36.40 1.63 0.00	34.63 1.59 0.00	32.20 1.62 0.00	32.90 1.66 0.00	33.57 1.75 0.00	36.96 1.96 0.00	37.79 2.14 0.00	38.96 2.38 0.00	46.16 2.90 0.00	54.17 3.26 0.00	64.40 3.36 0.00	69.22 3.17 0.00	65.06 2.68 0.00	57.88 2.55 0.00	43.34 1.87 0.00	37.89 1.49 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.94 1.68 0.00	37.59 1.41 0.00	34.26 1.41 0.00	33.66 1.36 0.00	33.35 1.25 0.00	35.18 1.16 0.00	39.72 1.53 0.00	39.43 1.59 0.00	36.40 1.63 0.00	34.63 1.59 0.00	32.20 1.62 0.00	32.90 1.66 0.00	33.57 1.75 0.00	36.96 1.96 0.00	37.79 2.14 0.00	38.96 2.38 0.00	46.16 2.90 0.00	54.17 3.26 0.00	64.40 3.36 0.00	69.22 3.17 0.00	65.06 2.68 0.00	57.88 2.55 0.00	43.34 1.87 0.00	37.89 1.49 0.00
WHITEHAL_115KV_TB1 80871	40.17 1.91 0.00	38.06 1.88 0.00	34.66 1.81 0.00	34.08 1.78 0.00	33.70 1.60 0.00	35.83 1.80 0.00	40.02 1.83 0.00	39.20 1.36 0.00	35.71 0.94 0.00	33.50 0.46 0.00	30.83 0.24 0.00	31.77 0.53 0.00	32.11 0.29 0.00	35.24 0.24 0.00	35.90 0.25 0.00	37.35 0.77 0.00	44.73 1.47 0.00	53.10 2.19 0.00	64.70 3.66 0.00	71.80 5.75 0.00	67.80 5.43 0.00	60.21 4.87 0.00	44.96 3.48 0.00	39.24 2.84 0.00
WHITEPLN_13_KV_LOAD 356215	40.44 2.18 0.00	38.06 1.88 0.00	34.72 1.87 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.59 1.57 0.00	40.25 2.06 0.00	40.11 2.27 0.00	37.03 2.26 0.00	35.19 2.15 0.00	32.75 2.17 0.00	33.46 2.22 0.00	34.17 2.35 0.00	37.59 2.59 0.00	38.43 2.78 0.00	39.61 3.04 0.00	47.02 3.76 0.00	55.09 4.17 0.00	65.56 4.52 0.00	70.41 4.36 0.00	66.12 3.74 0.00	58.77 3.43 0.00	43.96 2.49 0.00	38.37 1.97 0.00
WM_FLOYD_69_KV_BK2 356380	41.74 3.48 0.00	38.53 2.35 0.00	34.92 2.07 0.00	34.31 2.00 0.00	34.09 1.99 0.00	35.93 1.91 0.00	40.86 2.67 0.00	40.75 2.91 0.00	37.79 3.02 0.00	36.14 3.11 0.00	33.55 2.97 0.00	34.27 3.03 0.00	35.07 3.25 0.00	39.37 3.88 -0.48	41.85 3.99 -2.21	45.64 4.06 -5.00	50.57 5.19 -2.12	60.30 5.75 -3.64	71.19 5.01 -5.14	69.42 3.37 0.00	64.37 2.00 0.00	58.49 3.15 0.00	49.59 3.36 -4.76	42.33 2.80 -3.13
WOODARD___115KV_TB2 355635	37.57 -0.69 0.00	35.49 -0.69 0.00	32.23 -0.62 0.00	31.69 -0.61 0.00	31.49 -0.61 0.00	33.45 -0.58 0.00	37.54 -0.65 0.00	37.27 -0.57 0.00	34.21 -0.56 0.00	32.54 -0.50 0.00	30.09 -0.49 0.00	30.71 -0.53 0.00	31.28 -0.54 0.00	34.44 -0.56 0.00	35.01 -0.64 0.00	35.85 -0.73 0.00	42.04 -0.95 0.27	49.33 -0.97 0.62	59.16 -0.92 0.96	64.31 -0.86 0.88	60.73 -0.81 0.83	53.70 -0.89 0.75	40.64 -0.83 0.00	35.71 -0.69 0.00
YORK___WARBASSE 23770	40.60 2.33 -0.01	38.06 1.88 0.00	34.76 1.91 0.00	34.08 1.78 0.00	33.76 1.67 0.00	35.42 1.40 0.00	39.98 1.79 0.00	39.81 1.97 0.00	36.82 2.05 0.00	35.09 2.05 0.00	32.72 2.14 0.00	33.43 2.19 0.00	34.14 2.32 0.00	37.55 2.55 0.00	38.50 2.85 0.00	39.69 3.11 0.00	47.13 3.85 -0.02	55.29 4.38 0.00	65.44 4.39 0.00	70.15 4.10 0.00	65.74 3.37 0.00	58.55 3.21 0.00	43.80 2.32 0.00	38.29 1.89 0.00