

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/06/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	35.38	32.39	30.47	30.77	31.05	34.55	44.65	48.28	49.02	45.50	47.03	44.71	44.01	43.46	44.79	45.50	48.24	55.45	57.94	59.46	60.27	49.08	41.96	37.50
24138	2.47	2.32	2.15	2.20	2.17	2.32	3.23	3.95	4.13	3.76	3.80	3.62	3.52	3.51	3.62	3.60	3.70	4.44	4.14	4.05	4.10	3.21	2.82	2.52
	0.00	0.00	-0.47	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	35.38	32.39	30.48	30.77	31.02	34.55	44.61	48.19	48.93	45.51	46.99	44.71	44.01	43.46	44.79	45.50	48.24	55.45	57.99	59.51	60.27	49.12	41.96	37.43
24260	2.47	2.32	2.15	2.20	2.14	2.32	3.19	3.86	4.04	3.76	3.76	3.62	3.52	3.51	3.62	3.60	3.70	4.44	4.20	4.10	4.10	3.26	2.82	2.45
	0.00	0.00	-0.47	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	35.38	32.39	30.48	30.77	31.02	34.55	44.61	48.19	48.93	45.51	46.99	44.71	44.01	43.46	44.79	45.50	48.24	55.45	57.99	59.51	60.27	49.12	41.96	37.43
24261	2.47	2.32	2.15	2.20	2.14	2.32	3.19	3.86	4.04	3.76	3.76	3.62	3.52	3.51	3.62	3.60	3.70	4.44	4.20	4.10	4.10	3.26	2.82	2.45
	0.00	0.00	-0.47	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	34.89	31.90	30.22	30.43	30.67	34.29	44.28	46.59	46.86	43.61	45.13	42.90	42.15	41.62	42.82	43.58	46.28	52.90	55.79	57.63	58.25	47.75	41.52	36.90
24011	1.97	1.83	1.76	1.86	1.79	2.06	2.86	2.26	1.98	1.88	1.90	1.81	1.66	1.68	1.65	1.68	1.74	1.89	1.99	2.22	2.08	1.88	2.39	1.92
	0.00	0.00	-0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.99	32.00	30.33	30.52	30.76	34.42	43.53	46.59	46.95	43.65	45.17	42.95	42.19	41.66	42.86	43.58	46.33	52.95	55.89	57.74	58.36	47.84	41.68	37.04
23798	2.07	1.93	1.87	1.94	1.88	2.19	2.11	2.26	2.07	1.92	1.95	1.85	1.70	1.72	1.69	1.68	1.78	1.94	2.10	2.33	2.19	1.97	2.54	2.06
	0.00	0.00	-0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.89	31.90	30.22	30.43	30.67	34.29	44.28	46.59	46.86	43.61	45.13	42.90	42.15	41.62	42.82	43.58	46.28	52.90	55.79	57.63	58.25	47.75	41.52	36.90
24028	1.97	1.83	1.76	1.86	1.79	2.06	2.86	2.26	1.98	1.88	1.90	1.81	1.66	1.68	1.65	1.68	1.74	1.89	1.99	2.22	2.08	1.88	2.39	1.92
	0.00	0.00	-0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.82	31.84	30.12	30.29	30.59	34.13	43.86	47.03	47.58	44.19	45.69	43.44	42.80	42.22	43.51	44.25	46.99	53.87	56.32	58.35	58.81	48.16	41.29	36.62
23527	1.91	1.77	1.67	1.71	1.70	1.90	2.44	2.70	2.69	2.46	2.46	2.34	2.31	2.28	2.35	2.34	2.45	2.85	2.53	2.93	2.64	2.29	2.15	1.64
	0.00	0.00	-0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.64	30.82	29.17	29.32	29.61	32.97	42.33	45.44	45.92	42.69	44.05	41.92	41.26	40.82	42.07	42.78	45.44	51.98	54.49	56.24	56.79	46.46	39.88	35.50
24190	0.72	0.75	0.72	0.74	0.72	0.74	0.91	1.11	1.03	0.96	0.82	0.82	0.77	0.88	0.91	0.88	0.89	0.97	0.70	0.83	0.62	0.60	0.74	0.52
	0.00	0.00	-0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	6.75	5.78	4.91	5.21	5.70	12.68	16.64	20.68	30.92	40.65	42.23	40.15	39.56	39.10	40.35	41.10	43.83	50.09	52.99	54.58	55.33	45.23	38.63	34.45
355683	-0.95	-0.72	-0.67	-0.69	-0.69	-0.77	-0.95	-1.06	-1.17	-1.08	-0.99	-0.95	-0.93	-0.84	-0.82	-0.80	-0.71	-0.92	-0.81	-0.83	-0.84	-0.64	-0.51	-0.52
	25.21	23.57	22.28	22.68	22.49	18.77	23.82	22.58	12.80	0.00	0.00	0.00	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	34.13	31.27	29.60	29.77	30.04	33.45	42.95	46.01	46.46	43.11	44.52	42.29	41.62	41.10	42.36	43.12	45.84	52.54	55.30	57.02	57.69	47.20	40.43	36.03
323833	1.22	1.20	1.17	1.20	1.16	1.22	1.53	1.68	1.57	1.38	1.30	1.19	1.13	1.16	1.19	1.22	1.29	1.53	1.50	1.61	1.52	1.33	1.29	1.05
	0.00	0.00	-0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.13	31.24	29.60	29.77	30.04	33.45	42.91	46.01	46.46	43.11	44.52	42.29	41.62	41.10	42.36	43.12	45.84	52.54	55.25	56.96	57.69	47.20	40.43	36.03
323834	1.22	1.17	1.17	1.20	1.16	1.22	1.49	1.68	1.57	1.38	1.30	1.19	1.13	1.16	1.19	1.22	1.29	1.53	1.45	1.55	1.52	1.33	1.29	1.05
	0.00	0.00	-0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.64	30.82	29.17	29.32	29.61	32.97	42.33	45.44	45.92	42.69	44.05	41.92	41.26	40.82	42.07	42.78	45.44	51.98	54.49	56.24	56.79	46.46	39.88	35.50
23571	0.72	0.75	0.72	0.74	0.72	0.74	0.91	1.11	1.03	0.96	0.82	0.82	0.77	0.88	0.91	0.88	0.89	0.97	0.70	0.83	0.62	0.60	0.74	0.52
	0.00	0.00	-0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.64 0.72 0.00	30.82 0.75 0.00	29.17 0.72 -0.58	29.32 0.74 0.00	29.61 0.72 0.00	32.97 0.74 0.00	42.33 0.91 0.00	45.44 1.11 0.00	45.92 1.03 0.00	42.69 0.96 0.00	44.05 0.82 0.00	41.92 0.82 0.00	41.26 0.77 0.00	40.82 0.88 0.00	42.07 0.91 0.00	42.78 0.88 0.00	45.44 0.89 0.00	51.98 0.97 0.00	54.49 0.70 0.00	56.24 0.83 0.00	56.79 0.62 0.00	46.46 0.60 0.00	39.88 0.74 0.00	35.50 0.52 0.00
ALBANY___3 23573	33.64 0.72 0.00	30.82 0.75 0.00	29.17 0.72 -0.58	29.32 0.74 0.00	29.61 0.72 0.00	32.97 0.74 0.00	42.33 0.91 0.00	45.44 1.11 0.00	45.92 1.03 0.00	42.69 0.96 0.00	44.05 0.82 0.00	41.92 0.82 0.00	41.26 0.77 0.00	40.82 0.88 0.00	42.07 0.91 0.00	42.78 0.88 0.00	45.44 0.89 0.00	51.98 0.97 0.00	54.49 0.70 0.00	56.24 0.83 0.00	56.79 0.62 0.00	46.46 0.60 0.00	39.88 0.74 0.00	35.50 0.52 0.00
ALBANY___4 23574	33.64 0.72 0.00	30.82 0.75 0.00	29.17 0.72 -0.58	29.32 0.74 0.00	29.61 0.72 0.00	32.97 0.74 0.00	42.33 0.91 0.00	45.44 1.11 0.00	45.92 1.03 0.00	42.69 0.96 0.00	44.05 0.82 0.00	41.92 0.82 0.00	41.26 0.77 0.00	40.82 0.88 0.00	42.07 0.91 0.00	42.78 0.88 0.00	45.44 0.89 0.00	51.98 0.97 0.00	54.49 0.70 0.00	56.24 0.83 0.00	56.79 0.62 0.00	46.46 0.60 0.00	39.88 0.74 0.00	35.50 0.52 0.00
ALBANY___LFGE 323615	33.90 0.99 0.00	31.06 0.99 0.00	29.42 0.97 -0.59	29.57 1.00 0.00	29.84 0.95 0.00	33.26 1.03 0.00	42.71 1.29 0.00	45.84 1.51 0.00	46.37 1.48 0.00	43.11 1.38 0.00	44.52 1.30 0.00	42.37 1.28 0.00	41.70 1.21 0.00	41.22 1.28 0.00	42.49 1.32 0.00	43.20 1.30 0.00	45.88 1.34 0.00	52.49 1.48 0.00	55.03 1.24 0.00	56.74 1.33 0.00	57.35 1.18 0.00	46.88 1.01 0.00	40.23 1.09 0.00	35.82 0.84 0.00
ALCOA_PA_115KV_PL-6C 55860	7.34 -1.18 24.40	6.33 -0.93 22.81	5.43 -0.86 21.56	5.74 -0.89 21.95	6.25 -0.87 21.76	13.09 -0.97 18.17	17.16 -1.20 23.05	21.15 -1.33 21.85	31.06 -1.44 12.39	40.40 -1.34 0.00	41.93 -1.30 0.00	39.86 -1.23 0.00	39.27 -1.21 0.00	38.82 -1.12 0.00	40.06 -1.11 0.00	40.81 -1.09 0.00	43.57 -0.98 0.00	49.74 -1.28 0.00	52.67 -1.13 0.00	54.25 -1.16 0.00	54.99 -1.18 0.00	45.00 -0.87 0.00	38.43 -0.70 0.00	34.24 -0.73 0.00
ALCOA_RYNLDS___DRP 24188	7.34 -1.18 24.40	6.33 -0.93 22.81	5.43 -0.86 21.56	5.74 -0.89 21.95	6.25 -0.87 21.76	13.09 -0.97 18.17	17.16 -1.20 23.05	21.15 -1.33 21.85	31.06 -1.44 12.39	40.40 -1.34 0.00	41.93 -1.30 0.00	39.86 -1.23 0.00	39.27 -1.21 0.00	38.82 -1.12 0.00	40.06 -1.11 0.00	40.81 -1.09 0.00	43.57 -0.98 0.00	49.74 -1.28 0.00	52.67 -1.13 0.00	54.25 -1.16 0.00	54.99 -1.18 0.00	45.00 -0.87 0.00	38.43 -0.70 0.00	34.24 -0.73 0.00
ALCOA___DSASP 323711	7.34 -1.18 24.40	6.33 -0.93 22.81	5.43 -0.86 21.56	5.74 -0.89 21.95	6.25 -0.87 21.76	13.10 -0.97 18.17	17.16 -1.20 23.05	21.15 -1.33 21.85	31.06 -1.44 12.39	40.39 -1.34 0.00	41.93 -1.30 0.00	39.90 -1.19 0.00	39.28 -1.21 0.00	38.82 -1.12 0.00	40.10 -1.07 0.00	40.85 -1.05 0.00	43.57 -0.98 0.00	49.74 -1.27 0.00	52.66 -1.13 0.00	54.25 -1.17 0.00	54.99 -1.18 0.00	44.99 -0.87 0.00	38.43 -0.70 0.00	34.24 -0.74 0.00
ALLEGHENY___COGEN 23514	33.94 1.02 0.00	30.01 -0.06 0.00	27.81 -0.14 -0.08	28.49 -0.09 0.00	28.88 0.00 0.00	32.52 0.29 0.00	41.96 0.54 0.00	44.42 0.09 0.00	44.39 -0.49 0.00	40.73 -1.00 0.00	42.10 -1.12 0.00	39.95 -1.15 0.00	39.52 -0.97 0.00	38.62 -1.32 0.00	39.81 -1.36 0.00	40.73 -1.17 0.00	43.43 -1.11 0.00	49.94 -1.07 0.00	54.12 0.32 0.00	56.58 1.17 0.00	57.97 1.80 0.00	47.11 1.24 0.00	39.64 0.51 0.00	35.92 0.94 0.00
ALTAMONT_115KV_TB 2 55880	33.94 1.02 0.00	31.06 0.99 0.00	29.39 0.95 -0.58	29.54 0.97 0.00	29.84 0.95 0.00	33.26 1.03 0.00	42.70 1.28 0.00	45.79 1.46 0.00	46.32 1.44 0.00	43.02 1.29 0.00	44.48 1.25 0.00	42.33 1.23 0.00	41.66 1.17 0.00	41.14 1.20 0.00	42.36 1.19 0.00	43.12 1.22 0.00	45.79 1.25 0.00	52.49 1.48 0.00	55.14 1.34 0.00	56.85 1.44 0.00	57.52 1.35 0.00	47.01 1.15 0.00	40.23 1.10 0.00	35.85 0.87 0.00
ALTONA_WT_PWR 323606	6.13 -1.48 25.31	5.17 -1.23 23.66	4.35 -1.14 22.37	4.63 -1.17 22.77	5.15 -1.16 22.58	12.16 -1.22 18.85	16.05 -1.45 23.92	20.11 -1.55 22.67	30.47 -1.57 12.85	40.39 -1.34 0.00	42.02 -1.21 0.00	39.95 -1.15 0.00	39.40 -1.09 0.00	39.02 -0.92 0.00	40.35 -0.82 0.00	41.15 -0.75 0.00	43.92 -0.62 0.00	50.25 -0.76 0.00	53.20 -0.59 0.00	54.80 -0.61 0.00	55.55 -0.62 0.00	45.36 -0.50 0.00	38.78 -0.35 0.00	34.60 -0.38 0.00
AMERICAN_REF_FUEL 24010	31.76 -1.15 0.00	27.96 -2.11 0.00	26.04 -1.90 -0.07	26.63 -1.94 0.00	26.95 -1.93 0.00	30.13 -2.09 0.00	38.52 -2.90 0.00	40.56 -3.77 0.00	40.98 -3.91 0.00	38.14 -3.59 0.00	39.77 -3.46 0.00	37.85 -3.25 0.00	37.73 -2.75 0.00	36.63 -3.31 0.00	37.63 -3.54 0.00	38.34 -3.56 0.00	40.67 -3.88 0.00	45.81 -5.20 0.00	49.44 -4.36 0.00	51.09 -4.32 0.00	52.29 -3.87 0.00	42.84 -3.03 0.00	36.20 -2.94 0.00	33.54 -1.44 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.75 -0.16 0.00	28.60 -1.47 0.00	26.69 -1.25 -0.08	27.49 -1.09 0.00	27.82 -1.07 0.00	31.23 -1.00 0.00	40.09 -1.33 0.00	42.87 -1.46 0.00	43.41 -1.48 0.00	40.35 -1.38 0.00	42.10 -1.12 0.00	40.48 -0.62 0.00	39.80 -0.69 0.00	38.62 -1.32 0.00	39.81 -1.36 0.00	40.68 -1.22 0.00	43.21 -1.34 0.00	48.92 -2.09 0.00	52.72 -1.08 0.00	54.47 -0.94 0.00	55.72 -0.45 0.00	45.45 -0.41 0.00	38.35 -0.78 0.00	35.29 0.31 0.00
ARTHUR KILL_GT_1 23520	35.41 2.47 -0.02	32.56 2.47 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.47 3.02 -0.02	48.02 3.68 -0.01	48.62 3.73 -0.01	45.92 3.46 -0.72	46.71 3.46 -0.02	48.84 3.37 -4.38	45.91 3.24 -2.19	46.43 3.28 -3.21	46.43 3.38 -1.89	48.93 3.39 -3.63	49.48 3.52 -1.41	58.37 4.23 -3.12	57.91 4.09 -0.02	59.42 3.99 -0.02	67.20 3.99 -7.05	49.49 3.03 -0.59	45.27 2.47 -3.67	37.21 2.20 -0.02
ARTHUR_KILL_2 23512	35.41 2.47 -0.02	32.47 2.38 -0.02	30.54 2.20 -0.48	30.84 2.26 -0.01	31.09 2.19 -0.01	34.56 2.32 -0.01	44.51 3.07 -0.02	47.89 3.55 -0.01	48.49 3.59 -0.01	45.75 3.30 -0.72	46.58 3.33 -0.02	48.76 3.29 -4.38	45.75 3.08 -2.19	46.31 3.15 -3.21	46.31 3.25 -1.89	48.76 3.23 -3.63	49.34 3.38 -1.41	58.21 4.08 -3.12	57.74 3.92 -0.02	59.20 3.77 -0.02	66.98 3.76 -7.05	49.26 2.80 -0.59	45.23 2.43 -3.67	37.17 2.17 -0.02
ARTHUR_KILL_3 23513	35.10 2.17 -0.01	32.13 2.05 -0.01	30.25 1.92 -0.47	30.52 1.94 0.00	30.79 1.91 0.00	34.26 2.03 -0.01	44.33 2.90 -0.01	47.80 3.46 -0.01	48.53 3.63 -0.01	45.87 3.42 -0.72	46.62 3.37 -0.01	48.69 3.21 -4.38	45.83 3.16 -2.18	46.34 3.20 -3.21	46.38 3.33 -1.88	48.72 3.18 -3.64	49.21 3.25 -1.42	58.07 3.93 -3.13	57.43 3.60 -0.03	58.94 3.49 -0.03	66.71 3.48 -7.05	49.21 2.75 -0.59	45.30 2.51 -3.66	37.20 2.21 -0.01

ARTHUR_KILL_COGEN 323718	35.51 2.57 -0.02	32.56 2.47 -0.02	30.62 2.29 -0.48	30.92 2.34 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.02 3.68 -0.01	48.62 3.72 -0.01	45.88 3.42 -0.72	46.66 3.41 -0.02	48.84 3.37 -4.38	45.83 3.16 -2.19	46.39 3.23 -3.21	46.39 3.33 -1.89	48.84 3.31 -3.63	49.47 3.52 -1.41	58.36 4.23 -3.12	57.90 4.09 -0.02	59.43 3.99 -0.02	67.20 3.99 -7.05	49.40 2.94 -0.59	45.35 2.54 -3.67	37.27 2.27 -0.02
ASHOKAN____ 23654	34.69 1.78 0.00	31.81 1.74 0.00	30.04 1.64 -0.53	30.20 1.63 0.00	30.50 1.62 0.00	33.97 1.74 0.00	43.78 2.36 0.00	46.99 2.66 0.00	47.53 2.65 0.00	43.86 2.13 0.00	45.26 2.03 0.00	42.82 1.73 0.00	41.94 1.46 0.00	41.46 1.52 0.00	42.77 1.60 0.00	43.45 1.55 0.00	46.28 1.74 0.00	53.36 2.35 0.00	56.16 2.36 0.00	57.85 2.44 0.00	58.36 2.19 0.00	47.70 1.84 0.00	40.90 1.76 0.00	36.41 1.43 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.32 1.41 0.01	31.42 1.35 0.01	29.75 1.42 -0.47	29.88 1.32 0.01	30.15 1.27 0.01	33.54 1.32 0.01	43.36 1.95 0.01	46.76 2.44 0.01	47.44 2.56 0.01	44.11 2.38 0.00	45.59 2.38 0.01	43.31 2.22 0.01	42.67 2.18 0.01	42.17 2.24 0.01	43.51 2.35 0.01	44.07 2.18 0.01	46.76 2.23 0.01	53.81 2.80 0.01	57.39 3.60 0.01	58.90 3.49 0.01	59.70 3.54 0.01	48.57 2.71 0.01	41.56 2.43 0.01	37.14 2.17 0.01
ASTORIA_EAST_ENERGY_CC2 323582	34.32 1.41 0.01	31.42 1.35 0.01	29.75 1.42 -0.47	29.88 1.32 0.01	30.15 1.27 0.01	33.54 1.32 0.01	43.36 1.95 0.01	46.76 2.44 0.01	47.44 2.56 0.01	44.11 2.38 0.00	45.59 2.38 0.01	43.31 2.22 0.01	42.67 2.18 0.01	42.17 2.24 0.01	43.47 2.30 0.01	44.07 2.18 0.01	46.76 2.23 0.01	53.81 2.80 0.01	57.39 3.60 0.01	58.90 3.49 0.01	59.70 3.54 0.01	48.57 2.71 0.01	41.56 2.43 0.01	37.14 2.17 0.01
ASTORIA_GT2_1 24094	34.33 1.42 0.00	31.45 1.38 0.00	29.78 1.45 0.00	29.89 1.31 0.00	30.15 1.27 0.00	33.55 1.32 0.00	43.28 1.86 0.00	46.81 2.48 0.00	47.49 2.60 0.00	44.15 2.42 0.00	45.60 2.38 0.00	43.36 2.26 0.00	42.68 2.19 0.00	42.18 2.24 0.00	43.52 2.35 0.00	44.16 2.26 0.00	46.82 2.27 0.00	53.87 2.86 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.76 3.59 0.00	48.71 2.84 0.00	41.64 2.50 0.00	37.15 2.17 0.00
ASTORIA_GT2_2 24095	34.33 1.42 0.00	31.45 1.38 0.00	29.78 1.45 -0.47	29.89 1.31 0.00	30.15 1.27 0.00	33.55 1.32 0.00	43.28 1.86 0.00	46.81 2.48 0.00	47.49 2.60 0.00	44.15 2.42 0.00	45.60 2.38 0.00	43.36 2.26 0.00	42.68 2.19 0.00	42.18 2.24 0.00	43.52 2.35 0.00	44.16 2.26 0.00	46.82 2.27 0.00	53.87 2.86 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.76 3.59 0.00	48.71 2.84 0.00	41.64 2.50 0.00	37.15 2.17 0.00
ASTORIA_GT2_3 24096	34.33 1.42 0.00	31.45 1.38 0.00	29.78 1.45 -0.47	29.89 1.31 0.00	30.15 1.27 0.00	33.55 1.32 0.00	43.28 1.86 0.00	46.81 2.48 0.00	47.49 2.60 0.00	44.15 2.42 0.00	45.60 2.38 0.00	43.36 2.26 0.00	42.68 2.19 0.00	42.18 2.24 0.00	43.52 2.35 0.00	44.16 2.26 0.00	46.82 2.27 0.00	53.87 2.86 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.76 3.59 0.00	48.71 2.84 0.00	41.64 2.50 0.00	37.15 2.17 0.00
ASTORIA_GT2_4 24097	34.33 1.42 0.00	31.45 1.38 0.00	29.78 1.45 -0.47	29.89 1.31 0.00	30.15 1.27 0.00	33.55 1.32 0.00	43.28 1.86 0.00	46.81 2.48 0.00	47.49 2.60 0.00	44.15 2.42 0.00	45.60 2.38 0.00	43.36 2.26 0.00	42.68 2.19 0.00	42.18 2.24 0.00	43.52 2.35 0.00	44.16 2.26 0.00	46.82 2.27 0.00	53.87 2.86 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.76 3.59 0.00	48.71 2.84 0.00	41.64 2.50 0.00	37.15 2.17 0.00
ASTORIA_GT3_1 24098	34.33 1.42 0.00	31.45 1.38 0.00	29.78 1.45 -0.47	29.89 1.31 0.00	30.15 1.27 0.00	33.55 1.32 0.00	43.28 1.86 0.00	46.81 2.48 0.00	47.49 2.60 0.00	44.15 2.42 0.00	45.60 2.38 0.00	43.36 2.26 0.00	42.68 2.19 0.00	42.18 2.24 0.00	43.52 2.35 0.00	44.16 2.26 0.00	46.82 2.27 0.00	53.87 2.86 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.76 3.59 0.00	48.71 2.84 0.00	41.64 2.50 0.00	37.15 2.17 0.00
ASTORIA_GT3_2 24099	34.33 1.42 0.00	31.45 1.38 0.00	29.78 1.45 -0.47	29.89 1.31 0.00	30.15 1.27 0.00	33.55 1.32 0.00	43.28 1.86 0.00	46.81 2.48 0.00	47.49 2.60 0.00	44.15 2.42 0.00	45.60 2.38 0.00	43.36 2.26 0.00	42.68 2.19 0.00	42.18 2.24 0.00	43.52 2.35 0.00	44.16 2.26 0.00	46.82 2.27 0.00	53.87 2.86 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.76 3.59 0.00	48.71 2.84 0.00	41.64 2.50 0.00	37.15 2.17 0.00
ASTORIA_GT3_3 24100	34.33 1.42 0.00	31.45 1.38 0.00	29.78 1.45 -0.47	29.89 1.31 0.00	30.15 1.27 0.00	33.55 1.32 0.00	43.28 1.86 0.00	46.81 2.48 0.00	47.49 2.60 0.00	44.15 2.42 0.00	45.60 2.38 0.00	43.36 2.26 0.00	42.68 2.19 0.00	42.18 2.24 0.00	43.52 2.35 0.00	44.16 2.26 0.00	46.82 2.27 0.00	53.87 2.86 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.76 3.59 0.00	48.71 2.84 0.00	41.64 2.50 0.00	37.15 2.17 0.00
ASTORIA_GT3_4 24101	34.33 1.42 0.00	31.45 1.38 0.00	29.78 1.45 -0.47	29.89 1.31 0.00	30.15 1.27 0.00	33.55 1.32 0.00	43.28 1.86 0.00	46.81 2.48 0.00	47.49 2.60 0.00	44.15 2.42 0.00	45.60 2.38 0.00	43.36 2.26 0.00	42.68 2.19 0.00	42.18 2.24 0.00	43.52 2.35 0.00	44.16 2.26 0.00	46.82 2.27 0.00	53.87 2.86 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.76 3.59 0.00	48.71 2.84 0.00	41.64 2.50 0.00	37.15 2.17 0.00
ASTORIA_GT4_1 24102	34.33 1.42 0.00	31.45 1.38 0.00	29.78 1.45 -0.47	29.89 1.31 0.00	30.15 1.27 0.00	33.55 1.32 0.00	43.28 1.86 0.00	46.81 2.48 0.00	47.49 2.60 0.00	44.15 2.42 0.00	45.60 2.38 0.00	43.36 2.26 0.00	42.68 2.19 0.00	42.18 2.24 0.00	43.52 2.35 0.00	44.16 2.26 0.00	46.82 2.27 0.00	53.87 2.86 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.76 3.59 0.00	48.71 2.84 0.00	41.64 2.50 0.00	37.15 2.17 0.00
ASTORIA_GT4_2 24103	34.33 1.42 0.00	31.45 1.38 0.00	29.78 1.45 -0.47	29.89 1.31 0.00	30.15 1.27 0.00	33.55 1.32 0.00	43.28 1.86 0.00	46.81 2.48 0.00	47.49 2.60 0.00	44.15 2.42 0.00	45.60 2.38 0.00	43.36 2.26 0.00	42.68 2.19 0.00	42.18 2.24 0.00	43.52 2.35 0.00	44.16 2.26 0.00	46.82 2.27 0.00	53.87 2.86 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.76 3.59 0.00	48.71 2.84 0.00	41.64 2.50 0.00	37.15 2.17 0.00
ASTORIA_GT4_3 24104	34.33 1.42 0.00	31.45 1.38 0.00	29.78 1.45 -0.47	29.89 1.31 0.00	30.15 1.27 0.00	33.55 1.32 0.00	43.28 1.86 0.00	46.81 2.48 0.00	47.49 2.60 0.00	44.15 2.42 0.00	45.60 2.38 0.00	43.36 2.26 0.00	42.68 2.19 0.00	42.18 2.24 0.00	43.52 2.35 0.00	44.16 2.26 0.00	46.82 2.27 0.00	53.87 2.86 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.76 3.59 0.00	48.71 2.84 0.00	41.64 2.50 0.00	37.15 2.17 0.00

ASTORIA_GT4_4 24105	34.33 1.42 0.00	31.45 1.38 0.00	29.78 1.45 -0.47	29.89 1.31 0.00	30.15 1.27 0.00	33.55 1.32 0.00	43.28 1.86 0.00	46.81 2.48 0.00	47.49 2.60 0.00	44.15 2.42 0.00	45.60 2.38 0.00	43.36 2.26 0.00	42.68 2.19 0.00	42.18 2.24 0.00	43.52 2.35 0.00	44.16 2.26 0.00	46.82 2.27 0.00	53.87 2.86 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.76 3.59 0.00	48.71 2.84 0.00	41.64 2.50 0.00	37.15 2.17 0.00
ASTORIA_GT_1 23523	34.40 1.48 0.00	31.48 1.41 0.00	29.81 1.48 -0.47	29.94 1.37 0.00	30.21 1.33 0.00	33.61 1.39 0.00	43.37 1.95 0.00	46.90 2.57 0.00	47.58 2.69 0.00	44.23 2.50 0.00	45.69 2.46 0.00	43.44 2.34 0.00	42.76 2.27 0.00	42.26 2.32 0.00	43.60 2.43 0.00	44.25 2.35 0.00	46.91 2.36 0.00	53.97 2.96 0.00	57.51 3.71 0.00	59.07 3.66 0.00	59.88 3.71 0.00	48.76 2.89 0.00	41.72 2.58 0.00	37.22 2.24 0.00
ASTORIA_GT_10 24110	35.22 2.30 0.00	32.30 2.23 0.00	30.42 2.09 -0.47	30.69 2.11 0.00	30.96 2.08 0.00	34.42 2.19 0.00	44.36 2.94 0.00	48.01 3.68 0.00	48.75 3.86 0.00	45.38 3.63 -0.02	46.81 3.59 0.00	44.60 3.49 -0.01	43.85 3.36 0.00	43.34 3.40 0.00	44.67 3.50 0.00	45.38 3.48 0.00	48.12 3.56 -0.01	55.31 4.29 -0.01	57.83 4.03 0.00	59.29 3.88 0.00	59.99 3.82 0.00	48.94 3.07 0.00	41.76 2.62 0.00	37.25 2.27 0.00
ASTORIA_GT_11 24225	35.22 2.30 0.00	32.30 2.23 0.00	30.42 2.09 -0.47	30.69 2.11 0.00	30.96 2.08 0.00	34.42 2.19 0.00	44.36 2.94 0.00	48.01 3.68 0.00	48.75 3.86 0.00	45.38 3.63 -0.02	46.81 3.59 0.00	44.60 3.49 -0.01	43.85 3.36 0.00	43.34 3.40 0.00	44.67 3.50 0.00	45.38 3.48 0.00	48.12 3.56 -0.01	55.31 4.29 -0.01	57.83 4.03 0.00	59.29 3.88 0.00	59.99 3.82 0.00	48.94 3.07 0.00	41.76 2.62 0.00	37.25 2.27 0.00
ASTORIA_GT_12 24226	35.22 2.30 0.00	32.30 2.23 0.00	30.42 2.09 -0.47	30.69 2.11 0.00	30.96 2.08 0.00	34.42 2.19 0.00	44.36 2.94 0.00	48.01 3.68 0.00	48.75 3.86 0.00	45.38 3.63 -0.02	46.81 3.59 0.00	44.60 3.49 -0.01	43.85 3.36 0.00	43.34 3.40 0.00	44.67 3.50 0.00	45.38 3.48 0.00	48.12 3.56 -0.01	55.31 4.29 -0.01	57.83 4.03 0.00	59.29 3.88 0.00	59.99 3.82 0.00	48.94 3.07 0.00	41.76 2.62 0.00	37.25 2.27 0.00
ASTORIA_GT_13 24227	35.22 2.30 0.00	32.30 2.23 0.00	30.42 2.09 -0.47	30.69 2.11 0.00	30.96 2.08 0.00	34.42 2.19 0.00	44.36 2.94 0.00	48.01 3.68 0.00	48.75 3.86 0.00	45.38 3.63 -0.02	46.81 3.59 0.00	44.60 3.49 -0.01	43.85 3.36 0.00	43.34 3.40 0.00	44.67 3.50 0.00	45.38 3.48 0.00	48.12 3.56 -0.01	55.31 4.29 -0.01	57.83 4.03 0.00	59.29 3.88 0.00	59.99 3.82 0.00	48.94 3.07 0.00	41.76 2.62 0.00	37.25 2.27 0.00
ASTORIA_GT_5 24106	34.40 1.48 0.00	31.48 1.41 0.00	29.81 1.48 -0.47	29.94 1.37 0.00	30.21 1.33 0.00	33.61 1.39 0.00	43.37 1.95 0.00	46.90 2.57 0.00	47.58 2.69 0.00	44.23 2.50 0.00	45.69 2.46 0.00	43.44 2.34 0.00	42.76 2.27 0.00	42.26 2.32 0.00	43.60 2.43 0.00	44.25 2.35 0.00	46.91 2.36 0.00	53.97 2.96 0.00	57.51 3.71 0.00	59.07 3.66 0.00	59.88 3.71 0.00	48.76 2.89 0.00	41.72 2.58 0.00	37.22 2.24 0.00
ASTORIA_GT_7 24107	34.40 1.48 0.00	31.48 1.41 0.00	29.81 1.48 -0.47	29.94 1.37 0.00	30.21 1.33 0.00	33.61 1.39 0.00	43.37 1.95 0.00	46.90 2.57 0.00	47.58 2.69 0.00	44.23 2.50 0.00	45.69 2.46 0.00	43.44 2.34 0.00	42.76 2.27 0.00	42.26 2.32 0.00	43.60 2.43 0.00	44.25 2.35 0.00	46.91 2.36 0.00	53.97 2.96 0.00	57.51 3.71 0.00	59.07 3.66 0.00	59.88 3.71 0.00	48.76 2.89 0.00	41.72 2.58 0.00	37.22 2.24 0.00
ASTORIA_GT_8 24108	34.40 1.48 0.00	31.48 1.41 0.00	29.81 1.48 -0.47	29.94 1.37 0.00	30.21 1.33 0.00	33.61 1.39 0.00	43.37 1.95 0.00	46.90 2.57 0.00	47.58 2.69 0.00	44.23 2.50 0.00	45.69 2.46 0.00	43.44 2.34 0.00	42.76 2.27 0.00	42.26 2.32 0.00	43.60 2.43 0.00	44.25 2.35 0.00	46.91 2.36 0.00	53.97 2.96 0.00	57.51 3.71 0.00	59.07 3.66 0.00	59.88 3.71 0.00	48.76 2.89 0.00	41.72 2.58 0.00	37.22 2.24 0.00
ASTORIA___2 24149	34.32 1.41 0.01	31.45 1.38 0.01	29.75 1.42 -0.47	29.88 1.32 0.01	30.15 1.27 0.01	33.54 1.32 0.01	43.36 1.95 0.01	46.80 2.48 0.01	47.48 2.60 0.01	44.11 2.38 0.00	45.59 2.38 0.01	43.35 2.26 0.01	42.67 2.18 0.01	42.17 2.24 0.01	43.51 2.35 0.01	44.11 2.22 0.01	46.81 2.27 0.01	53.86 2.85 0.01	57.45 3.66 0.01	58.95 3.55 0.01	59.76 3.60 0.01	48.61 2.75 0.01	41.60 2.47 0.01	37.14 2.17 0.01
ASTORIA___3 23516	35.25 2.34 0.00	32.30 2.23 0.00	30.42 2.09 -0.47	30.69 2.11 0.00	30.96 2.08 0.00	34.42 2.19 0.00	44.49 3.07 0.00	48.01 3.68 0.00	48.75 3.86 0.00	45.34 3.59 -0.02	46.77 3.55 0.00	44.60 3.49 -0.01	43.85 3.36 0.00	43.33 3.39 0.00	44.67 3.50 0.00	45.34 3.44 0.00	48.12 3.57 -0.01	55.31 4.29 -0.01	57.83 4.04 0.00	59.23 3.82 0.00	59.99 3.82 0.00	48.85 2.98 0.00	41.72 2.58 0.00	37.29 2.31 0.00
ASTORIA___4 23517	35.22 2.30 0.00	32.30 2.23 0.00	30.42 2.09 -0.47	30.69 2.11 0.00	30.96 2.08 0.00	34.42 2.19 0.00	44.36 2.94 0.00	48.01 3.68 0.00	48.75 3.86 0.00	45.38 3.63 -0.02	46.81 3.59 0.00	44.60 3.49 -0.01	43.85 3.36 0.00	43.34 3.40 0.00	44.67 3.50 0.00	45.38 3.48 0.00	48.12 3.56 -0.01	55.31 4.29 -0.01	57.83 4.03 0.00	59.29 3.88 0.00	59.99 3.82 0.00	48.94 3.07 0.00	41.76 2.62 0.00	37.25 2.27 0.00
ASTORIA___5 23518	35.25 2.34 0.00	32.30 2.23 0.00	30.42 2.09 -0.47	30.69 2.11 0.00	30.96 2.08 0.00	34.42 2.19 0.00	44.49 3.07 0.00	48.01 3.68 0.00	48.75 3.86 0.00	45.34 3.59 -0.02	46.77 3.55 0.00	44.60 3.49 -0.01	43.85 3.36 0.00	43.33 3.39 0.00	44.67 3.50 0.00	45.34 3.44 0.00	48.12 3.57 -0.01	55.31 4.29 -0.01	57.83 4.04 0.00	59.23 3.82 0.00	59.99 3.82 0.00	48.85 2.98 0.00	41.72 2.58 0.00	37.29 2.31 0.00
AST_ENERGY_2_CC3 323677	30.84 1.08 3.16	30.84 1.08 0.31	29.55 1.22 -0.47	29.68 1.11 0.01	29.94 1.07 0.01	30.84 1.00 2.39	33.33 1.53 9.63	35.26 2.04 11.11	34.25 2.15 12.79	33.11 2.00 10.63	33.54 1.95 11.63	32.07 1.85 10.88	31.82 1.78 10.45	31.82 1.84 9.96	31.92 1.94 11.19	32.26 1.80 11.44	31.82 1.83 14.55	35.65 2.35 17.71	42.57 3.71 14.93	44.08 3.60 14.93	45.96 3.65 13.85	41.36 2.80 7.31	35.93 2.51 5.71	35.93 2.21 1.25
AST_ENERGY_2_CC4 323678	30.84 1.08 3.16	30.84 1.08 0.31	29.55 1.22 -0.47	29.68 1.11 0.01	29.94 1.07 0.01	30.84 1.00 2.39	33.33 1.53 9.63	35.26 2.04 11.11	34.25 2.15 12.79	33.11 2.00 10.63	33.54 1.95 11.63	32.07 1.85 10.88	31.82 1.78 10.45	31.82 1.84 9.96	31.92 1.94 11.19	32.26 1.80 11.44	31.82 1.83 14.55	35.65 2.35 17.71	42.57 3.71 14.93	44.08 3.60 14.93	45.96 3.65 13.85	41.36 2.80 7.31	35.93 2.51 5.71	35.93 2.21 1.25

ATHENS_STG_1 23668	34.13 1.22 0.00	31.27 1.20 0.00	29.52 1.14 -0.52	29.74 1.17 0.00	30.04 1.16 0.00	33.45 1.22 0.00	42.87 1.45 0.00	46.01 1.68 0.00	46.64 1.75 0.00	43.36 1.63 0.00	44.83 1.60 0.00	42.62 1.52 0.00	41.94 1.46 0.00	41.42 1.48 0.00	42.73 1.56 0.00	43.41 1.51 0.00	46.10 1.56 0.00	52.95 1.94 0.00	55.52 1.72 0.00	57.13 1.72 0.00	57.85 1.68 0.00	47.20 1.33 0.00	40.39 1.25 0.00	36.03 1.05 0.00
ATHENS_STG_2 23670	34.13 1.22 0.00	31.27 1.20 0.00	29.52 1.14 -0.52	29.74 1.17 0.00	30.04 1.16 0.00	33.45 1.22 0.00	42.87 1.45 0.00	46.01 1.68 0.00	46.64 1.75 0.00	43.36 1.63 0.00	44.83 1.60 0.00	42.62 1.52 0.00	41.94 1.46 0.00	41.42 1.48 0.00	42.73 1.56 0.00	43.41 1.51 0.00	46.10 1.56 0.00	52.95 1.94 0.00	55.52 1.72 0.00	57.13 1.72 0.00	57.85 1.68 0.00	47.20 1.33 0.00	40.39 1.25 0.00	36.03 1.05 0.00
ATHENS_STG_3 23677	34.13 1.22 0.00	31.27 1.20 0.00	29.52 1.14 -0.52	29.74 1.17 0.00	30.04 1.16 0.00	33.45 1.22 0.00	42.87 1.45 0.00	46.01 1.68 0.00	46.64 1.75 0.00	43.36 1.63 0.00	44.83 1.60 0.00	42.62 1.52 0.00	41.94 1.46 0.00	41.42 1.48 0.00	42.73 1.56 0.00	43.41 1.51 0.00	46.10 1.56 0.00	52.95 1.94 0.00	55.52 1.72 0.00	57.13 1.72 0.00	57.85 1.68 0.00	47.20 1.33 0.00	40.39 1.25 0.00	36.03 1.05 0.00
AUBURN___LFGE 323710	33.08 0.16 0.00	29.92 -0.15 0.00	27.70 -0.22 -0.06	28.37 -0.20 0.00	28.74 -0.14 0.00	32.16 -0.06 0.00	41.54 0.12 0.00	44.42 0.09 0.00	44.93 0.04 0.00	41.77 0.04 0.00	43.23 0.00 0.00	41.05 -0.04 0.00	40.53 0.04 0.00	39.86 -0.08 0.00	41.09 -0.08 0.00	41.77 -0.13 0.00	44.41 -0.13 0.00	50.86 -0.15 0.00	54.01 0.22 0.00	55.63 0.22 0.00	56.56 0.39 0.00	46.05 0.18 0.00	39.10 -0.04 0.00	35.01 0.03 0.00
BABYLON_RES_REC 323704	36.12 3.19 -0.01	32.84 2.76 0.00	30.98 2.65 -0.47	31.20 2.63 0.00	31.57 2.69 0.00	35.19 2.96 0.00	45.36 3.94 0.00	48.32 3.99 0.00	49.11 4.22 0.00	45.82 4.05 -0.05	49.64 3.33 -3.09	51.34 3.08 -7.16	50.87 2.95 -7.42	47.83 3.08 -4.81	49.22 3.13 -4.92	49.85 3.10 -4.85	51.37 3.21 -3.62	58.83 3.67 -4.14	61.17 3.49 -3.88	61.62 3.44 -2.78	62.31 3.54 -2.60	52.47 3.07 -3.53	42.84 3.40 -0.30	38.48 3.18 -0.32
BALL_HILL_WT_PWR 323825	32.75 -0.16 0.00	28.72 -1.35 0.00	26.72 -1.23 -0.08	27.43 -1.14 0.00	27.76 -1.13 0.00	31.07 -1.16 0.00	39.93 -1.49 0.00	42.29 -2.04 0.00	42.73 -2.15 0.00	39.73 -2.00 0.00	41.37 -1.86 0.00	39.62 -1.48 0.00	39.23 -1.26 0.00	38.10 -1.84 0.00	39.19 -1.98 0.00	39.97 -1.93 0.00	42.41 -2.14 0.00	47.95 -3.06 0.00	51.64 -2.15 0.00	53.36 -2.05 0.00	54.60 -1.57 0.00	44.67 -1.19 0.00	37.73 -1.41 0.00	34.74 -0.24 0.00
BARON_WINDS___WT_PWR 323822	32.72 -0.20 0.00	29.17 -0.90 0.00	27.10 -0.86 -0.11	27.80 -0.77 0.00	28.19 -0.69 0.00	31.65 -0.58 0.00	40.88 -0.54 0.00	43.53 -0.80 0.00	43.94 -0.94 0.00	40.77 -0.96 0.00	42.28 -0.95 0.00	40.19 -0.90 0.00	39.80 -0.69 0.00	38.90 -1.04 0.00	40.06 -1.11 0.00	40.77 -1.13 0.00	43.35 -1.20 0.00	49.48 -1.53 0.00	53.04 -0.75 0.00	54.86 -0.55 0.00	56.06 -0.11 0.00	45.68 -0.18 0.00	38.63 -0.51 0.00	35.08 0.11 0.00
BARRETT_IC_1 23704	35.85 2.93 -0.01	32.66 2.59 0.00	30.75 2.42 -0.47	31.00 2.43 0.00	31.37 2.48 0.00	34.97 2.74 0.00	45.02 3.60 0.00	48.10 3.77 0.00	48.84 3.95 0.00	45.93 3.67 -0.53	79.92 3.20 -33.49	121.93 3.04 -77.80	124.11 2.95 -80.66	95.18 2.96 -52.28	97.64 3.05 -53.42	97.54 2.98 -52.66	86.90 3.07 -39.28	99.50 3.57 -44.92	99.24 3.34 -42.11	88.76 3.27 -30.08	87.83 3.43 -28.23	86.90 2.71 -38.33	45.01 2.90 -2.98	40.84 2.69 -3.17
BARRETT_IC_10 23701	35.85 2.93 -0.01	32.66 2.59 0.00	30.75 2.42 -0.47	31.00 2.43 0.00	31.37 2.48 0.00	34.97 2.74 0.00	45.02 3.60 0.00	48.10 3.77 0.00	48.84 3.95 0.00	45.93 3.67 -0.53	57.83 3.20 -11.40	70.61 3.04 -26.47	70.89 2.95 -27.45	60.69 2.96 -17.79	62.40 3.05 -18.18	62.80 2.98 -17.92	60.99 3.07 -13.37	69.87 3.57 -15.29	71.46 3.34 -14.33	68.92 3.27 -10.24	69.21 3.43 -9.61	61.62 2.71 -13.04	45.01 2.90 -2.98	40.84 2.69 -3.17
BARRETT_IC_11 23702	35.85 2.93 -0.01	32.66 2.59 0.00	30.75 2.42 -0.47	31.00 2.43 0.00	31.37 2.48 0.00	34.97 2.74 0.00	45.02 3.60 0.00	48.10 3.77 0.00	48.84 3.95 0.00	45.93 3.67 -0.53	57.83 3.20 -11.40	70.61 3.04 -26.47	70.89 2.95 -27.45	60.69 2.96 -17.79	62.40 3.05 -18.18	62.80 2.98 -17.92	60.99 3.07 -13.37	69.87 3.57 -15.29	71.46 3.34 -14.33	68.92 3.27 -10.24	69.21 3.43 -9.61	61.62 2.71 -13.04	45.01 2.90 -2.98	40.84 2.69 -3.17
BARRETT_IC_12 23703	35.85 2.93 -0.01	32.66 2.59 0.00	30.75 2.42 -0.47	31.00 2.43 0.00	31.37 2.48 0.00	34.97 2.74 0.00	45.02 3.60 0.00	48.10 3.77 0.00	48.84 3.95 0.00	45.93 3.67 -0.53	57.83 3.20 -11.40	70.61 3.04 -26.47	70.89 2.95 -27.45	60.69 2.96 -17.79	62.40 3.05 -18.18	62.80 2.98 -17.92	60.99 3.07 -13.37	69.87 3.57 -15.29	71.46 3.34 -14.33	68.92 3.27 -10.24	69.21 3.43 -9.61	61.62 2.71 -13.04	45.01 2.90 -2.98	40.84 2.69 -3.17
BARRETT_IC_2 23705	35.85 2.93 -0.01	32.66 2.59 0.00	30.75 2.42 -0.47	31.00 2.43 0.00	31.37 2.48 0.00	34.97 2.74 0.00	45.02 3.60 0.00	48.10 3.77 0.00	48.84 3.95 0.00	45.93 3.67 -0.53	79.92 3.20 -33.49	121.93 3.04 -77.80	124.11 2.95 -80.66	95.18 2.96 -52.28	97.64 3.05 -53.42	97.54 2.98 -52.66	86.90 3.07 -39.28	99.50 3.57 -44.92	99.24 3.34 -42.11	88.76 3.27 -30.08	87.83 3.43 -28.23	86.90 2.71 -38.33	45.01 2.90 -2.98	40.84 2.69 -3.17
BARRETT_IC_3 23706	35.85 2.93 -0.01	32.66 2.59 0.00	30.75 2.42 -0.47	31.00 2.43 0.00	31.37 2.48 0.00	34.97 2.74 0.00	45.02 3.60 0.00	48.10 3.77 0.00	48.84 3.95 0.00	45.93 3.67 -0.53	79.92 3.20 -33.49	121.93 3.04 -77.80	124.11 2.95 -80.66	95.18 2.96 -52.28	97.64 3.05 -53.42	97.54 2.98 -52.66	86.90 3.07 -39.28	99.50 3.57 -44.92	99.24 3.34 -42.11	88.76 3.27 -30.08	87.83 3.43 -28.23	86.90 2.71 -38.33	45.01 2.90 -2.98	40.84 2.69 -3.17
BARRETT_IC_4 23707	35.85 2.93 -0.01	32.66 2.59 0.00	30.75 2.42 -0.47	31.00 2.43 0.00	31.37 2.48 0.00	34.97 2.74 0.00	45.02 3.60 0.00	48.10 3.77 0.00	48.84 3.95 0.00	45.93 3.67 -0.53	79.92 3.20 -33.49	121.93 3.04 -77.80	124.11 2.95 -80.66	95.18 2.96 -52.28	97.64 3.05 -53.42	97.54 2.98 -52.66	86.90 3.07 -39.28	99.50 3.57 -44.92	99.24 3.34 -42.11	88.76 3.27 -30.08	87.83 3.43 -28.23	86.90 2.71 -38.33	45.01 2.90 -2.98	40.84 2.69 -3.17
BARRETT_IC_5 23708	35.85 2.93 -0.01	32.66 2.59 0.00	30.75 2.42 -0.47	31.00 2.43 0.00	31.37 2.48 0.00	34.97 2.74 0.00	45.02 3.60 0.00	48.10 3.77 0.00	48.84 3.95 0.00	45.93 3.67 -0.53	79.92 3.20 -33.49	121.93 3.04 -77.80	124.11 2.95 -80.66	95.18 2.96 -52.28	97.64 3.05 -53.42	97.54 2.98 -52.66	86.90 3.07 -39.28	99.50 3.57 -44.92	99.24 3.34 -42.11	88.76 3.27 -30.08	87.83 3.43 -28.23	86.90 2.71 -38.33	45.01 2.90 -2.98	40.84 2.69 -3.17

BARRETT_IC_6 23709	35.85 2.93 -0.01	32.66 2.59 0.00	30.75 2.42 -0.47	31.00 2.43 0.00	31.37 2.48 0.00	34.97 2.74 0.00	45.02 3.60 0.00	48.10 3.77 0.00	48.84 3.95 0.00	45.93 3.67 -0.53	79.92 3.20 -33.49	121.93 3.04 -77.80	124.11 2.95 -80.66	95.18 2.96 -52.28	97.64 3.05 -53.42	97.54 2.98 -52.66	86.90 3.07 -39.28	99.50 3.57 -44.92	99.24 3.34 -42.11	88.76 3.27 -30.08	87.83 3.43 -28.23	86.90 2.71 -38.33	45.01 2.90 -2.98	40.84 2.69 -3.17
BARRETT_IC_7 23710	35.86 2.93 -0.01	32.66 2.59 0.00	30.75 2.42 -0.47	31.03 2.46 0.00	31.37 2.48 0.00	34.97 2.74 0.00	44.69 3.27 0.00	48.10 3.77 0.00	48.79 3.91 0.00	45.97 3.71 -0.53	79.92 3.20 -33.49	121.93 3.04 -77.80	124.11 2.96 -80.66	95.18 2.96 -52.28	97.64 3.05 -53.42	97.50 2.93 -52.66	86.90 3.07 -39.28	99.50 3.57 -44.92	99.24 3.34 -42.11	88.76 3.27 -30.08	87.83 3.43 -28.23	86.99 2.80 -38.33	45.01 2.90 -2.98	40.84 2.69 -3.17
BARRETT_IC_8 23711	35.85 2.93 -0.01	32.66 2.59 0.00	30.75 2.42 -0.47	31.00 2.43 0.00	31.37 2.48 0.00	34.97 2.74 0.00	45.02 3.60 0.00	48.10 3.77 0.00	48.84 3.95 0.00	45.93 3.67 -0.53	79.92 3.20 -33.49	121.93 3.04 -77.80	124.11 2.95 -80.66	95.18 2.96 -52.28	97.64 3.05 -53.42	97.54 2.98 -52.66	86.90 3.07 -39.28	99.50 3.57 -44.92	99.24 3.34 -42.11	88.76 3.27 -30.08	87.83 3.43 -28.23	86.90 2.71 -38.33	45.01 2.90 -2.98	40.84 2.69 -3.17
BARRETT_IC_9 23700	35.85 2.93 -0.01	32.66 2.59 0.00	30.75 2.42 -0.47	31.00 2.43 0.00	31.37 2.48 0.00	34.97 2.74 0.00	45.02 3.60 0.00	48.10 3.77 0.00	48.84 3.95 0.00	45.93 3.67 -0.53	57.83 3.20 -11.40	70.61 3.04 -26.47	70.89 2.95 -27.45	60.69 2.96 -17.79	62.40 3.05 -18.18	62.80 2.98 -17.92	60.99 3.07 -13.37	69.87 3.57 -15.29	71.46 3.34 -14.33	68.92 3.27 -10.24	69.21 3.43 -9.61	61.62 2.71 -13.04	45.01 2.90 -2.98	40.84 2.69 -3.17
BARRETT___1 23545	35.85 2.93 -0.01	32.66 2.59 0.00	30.75 2.42 -0.47	31.00 2.43 0.00	31.37 2.48 0.00	34.97 2.74 0.00	45.02 3.60 0.00	48.10 3.77 0.00	48.84 3.95 0.00	45.93 3.67 -0.53	79.92 3.20 -33.49	121.93 3.04 -77.80	124.11 2.95 -80.66	95.18 2.96 -52.28	97.64 3.05 -53.42	97.54 2.98 -52.66	86.90 3.07 -39.28	99.50 3.57 -44.92	99.24 3.34 -42.11	88.76 3.27 -30.08	87.83 3.43 -28.23	86.90 2.71 -38.33	45.01 2.90 -2.98	40.84 2.69 -3.17
BARRETT___2 23546	35.85 2.93 -0.01	32.66 2.59 0.00	30.75 2.42 -0.47	31.00 2.43 0.00	31.37 2.48 0.00	34.97 2.74 0.00	45.02 3.60 0.00	48.10 3.77 0.00	48.84 3.95 0.00	45.93 3.67 -0.53	57.83 3.20 -11.40	70.61 3.04 -26.47	70.89 2.95 -27.45	60.69 2.96 -17.79	62.40 3.05 -18.18	62.80 2.98 -17.92	60.99 3.07 -13.37	69.87 3.57 -15.29	71.46 3.34 -14.33	68.92 3.27 -10.24	69.21 3.43 -9.61	61.62 2.71 -13.04	45.01 2.90 -2.98	40.84 2.69 -3.17
BATAVIA___115KV_TB1 55881	33.11 0.20 0.00	29.08 -0.99 0.00	26.98 -0.95 -0.07	27.63 -0.94 0.00	27.96 -0.92 0.00	31.33 -0.90 0.00	40.26 -1.16 0.00	42.51 -1.82 0.00	42.96 -1.93 0.00	39.89 -1.84 0.00	41.50 -1.73 0.00	39.49 -1.60 0.00	39.27 -1.21 0.00	38.18 -1.76 0.00	39.36 -1.81 0.00	39.97 -1.93 0.00	42.41 -2.14 0.00	48.05 -2.96 0.00	51.80 -1.99 0.00	53.53 -1.88 0.00	54.99 -1.18 0.00	44.63 -1.24 0.00	37.85 -1.29 0.00	34.77 -0.21 0.00
BAYONEEC___CTG1 323682	35.19 2.27 -0.01	32.21 2.14 -0.01	30.34 2.01 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.36 2.13 -0.01	44.45 3.02 -0.01	47.92 3.59 -0.01	48.66 3.77 -0.01	45.37 3.51 -0.13	46.69 3.46 -0.01	45.06 3.29 -0.67	44.07 3.24 -0.34	43.71 3.28 -0.50	44.88 3.42 -0.29	45.77 3.31 -0.56	48.15 3.38 -0.22	55.57 4.08 -0.48	57.56 3.76 0.00	59.07 3.66 0.00	60.95 3.71 -1.08	48.85 2.89 -0.09	42.28 2.58 -0.56	37.26 2.27 -0.01
BAYONEEC___CTG10 323750	35.19 2.27 -0.01	32.21 2.14 -0.01	30.34 2.01 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.36 2.13 -0.01	44.45 3.02 -0.01	47.92 3.59 -0.01	48.66 3.77 -0.01	45.37 3.51 -0.13	46.69 3.46 -0.01	45.06 3.29 -0.67	44.07 3.24 -0.34	43.71 3.28 -0.50	44.88 3.42 -0.29	45.77 3.31 -0.56	48.15 3.38 -0.22	55.57 4.08 -0.48	57.56 3.76 0.00	59.07 3.66 0.00	60.95 3.71 -1.08	48.85 2.89 -0.09	42.28 2.58 -0.56	37.26 2.27 -0.01
BAYONEEC___CTG2 323683	35.19 2.27 -0.01	32.21 2.14 -0.01	30.34 2.01 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.36 2.13 -0.01	44.45 3.02 -0.01	47.92 3.59 -0.01	48.66 3.77 -0.01	45.37 3.51 -0.13	46.69 3.46 -0.01	45.06 3.29 -0.67	44.07 3.24 -0.34	43.71 3.28 -0.50	44.88 3.42 -0.29	45.77 3.31 -0.56	48.15 3.38 -0.22	55.57 4.08 -0.48	57.56 3.76 0.00	59.07 3.66 0.00	60.95 3.71 -1.08	48.85 2.89 -0.09	42.28 2.58 -0.56	37.26 2.27 -0.01
BAYONEEC___CTG3 323684	35.19 2.27 -0.01	32.21 2.14 -0.01	30.34 2.01 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.36 2.13 -0.01	44.45 3.02 -0.01	47.92 3.59 -0.01	48.66 3.77 -0.01	45.37 3.51 -0.13	46.69 3.46 -0.01	45.06 3.29 -0.67	44.07 3.24 -0.34	43.71 3.28 -0.50	44.88 3.42 -0.29	45.77 3.31 -0.56	48.15 3.38 -0.22	55.57 4.08 -0.48	57.56 3.76 0.00	59.07 3.66 0.00	60.95 3.71 -1.08	48.85 2.89 -0.09	42.28 2.58 -0.56	37.26 2.27 -0.01
BAYONEEC___CTG4 323685	35.19 2.27 -0.01	32.21 2.14 -0.01	30.34 2.01 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.36 2.13 -0.01	44.45 3.02 -0.01	47.92 3.59 -0.01	48.66 3.77 -0.01	45.37 3.51 -0.13	46.69 3.46 -0.01	45.06 3.29 -0.67	44.07 3.24 -0.34	43.71 3.28 -0.50	44.88 3.42 -0.29	45.77 3.31 -0.56	48.15 3.38 -0.22	55.57 4.08 -0.48	57.56 3.76 0.00	59.07 3.66 0.00	60.95 3.71 -1.08	48.85 2.89 -0.09	42.28 2.58 -0.56	37.26 2.27 -0.01
BAYONEEC___CTG5 323686	35.19 2.27 -0.01	32.21 2.14 -0.01	30.34 2.01 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.36 2.13 -0.01	44.45 3.02 -0.01	47.92 3.59 -0.01	48.66 3.77 -0.01	45.37 3.51 -0.13	46.69 3.46 -0.01	45.06 3.29 -0.67	44.07 3.24 -0.34	43.71 3.28 -0.50	44.88 3.42 -0.29	45.77 3.31 -0.56	48.15 3.38 -0.22	55.57 4.08 -0.48	57.56 3.76 0.00	59.07 3.66 0.00	60.95 3.71 -1.08	48.85 2.89 -0.09	42.28 2.58 -0.56	37.26 2.27 -0.01
BAYONEEC___CTG6 323687	35.19 2.27 -0.01	32.21 2.14 -0.01	30.34 2.01 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.36 2.13 -0.01	44.45 3.02 -0.01	47.92 3.59 -0.01	48.66 3.77 -0.01	45.37 3.51 -0.13	46.69 3.46 -0.01	45.06 3.29 -0.67	44.07 3.24 -0.34	43.71 3.28 -0.50	44.88 3.42 -0.29	45.77 3.31 -0.56	48.15 3.38 -0.22	55.57 4.08 -0.48	57.56 3.76 0.00	59.07 3.66 0.00	60.95 3.71 -1.08	48.85 2.89 -0.09	42.28 2.58 -0.56	37.26 2.27 -0.01
BAYONEEC___CTG7 323688	35.19 2.27 -0.01	32.21 2.14 -0.01	30.34 2.01 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.36 2.13 -0.01	44.45 3.02 -0.01	47.92 3.59 -0.01	48.66 3.77 -0.01	45.37 3.51 -0.13	46.69 3.46 -0.01	45.06 3.29 -0.67	44.07 3.24 -0.34	43.71 3.28 -0.50	44.88 3.42 -0.29	45.77 3.31 -0.56	48.15 3.38 -0.22	55.57 4.08 -0.48	57.56 3.76 0.00	59.07 3.66 0.00	60.95 3.71 -1.08	48.85 2.89 -0.09	42.28 2.58 -0.56	37.26 2.27 -0.01

BAYONEEC___CTG8 323689	35.19 2.27 -0.01	32.21 2.14 -0.01	30.34 2.01 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.36 2.13 -0.01	44.45 3.02 -0.01	47.92 3.59 -0.01	48.66 3.77 -0.01	45.37 3.51 -0.13	46.69 3.46 -0.01	45.06 3.29 -0.67	44.07 3.24 -0.34	43.71 3.28 -0.50	44.88 3.42 -0.29	45.77 3.31 -0.56	48.15 3.38 -0.22	55.57 4.08 -0.48	57.56 3.76 0.00	59.07 3.66 0.00	60.95 3.71 -1.08	48.85 2.89 -0.09	42.28 2.58 -0.56	37.26 2.27 -0.01
BAYONEEC___CTG9 323749	35.19 2.27 -0.01	32.21 2.14 -0.01	30.34 2.01 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.36 2.13 -0.01	44.45 3.02 -0.01	47.92 3.59 -0.01	48.66 3.77 -0.01	45.37 3.51 -0.13	46.69 3.46 -0.01	45.06 3.29 -0.67	44.07 3.24 -0.34	43.71 3.28 -0.50	44.88 3.42 -0.29	45.77 3.31 -0.56	48.15 3.38 -0.22	55.57 4.08 -0.48	57.56 3.76 0.00	59.07 3.66 0.00	60.95 3.71 -1.08	48.85 2.89 -0.09	42.28 2.58 -0.56	37.26 2.27 -0.01
BEACON___LESR 323632	34.07 1.15 0.00	31.21 1.14 0.00	29.56 1.12 -0.58	29.72 1.14 0.00	29.98 1.10 0.00	33.42 1.19 0.00	42.99 1.57 0.00	46.15 1.82 0.00	46.59 1.71 0.00	43.32 1.59 0.00	44.70 1.47 0.00	42.53 1.44 0.00	41.82 1.33 0.00	41.34 1.40 0.00	42.65 1.48 0.00	43.37 1.47 0.00	46.10 1.56 0.00	52.75 1.74 0.00	55.41 1.61 0.00	57.13 1.72 0.00	57.74 1.57 0.00	47.20 1.33 0.00	40.47 1.33 0.00	35.99 1.02 0.00
BEAVER RIVER___HYD 24048	24.58 -1.38 6.95	22.36 -1.20 6.50	20.56 -1.17 6.13	21.17 -1.14 6.26	21.67 -1.01 6.20	25.99 -1.06 5.18	33.65 -1.20 6.57	36.77 -1.33 6.23	39.82 -1.53 3.54	40.06 -1.67 0.00	41.37 -1.86 0.00	39.17 -1.93 0.00	38.38 -2.11 0.00	38.14 -1.80 0.00	39.52 -1.65 0.00	40.35 -1.55 0.00	43.12 -1.43 0.00	49.74 -1.27 0.00	52.88 -0.91 0.00	54.75 -0.66 0.00	55.66 -0.51 0.00	45.32 -0.55 0.00	38.39 -0.74 0.00	34.14 -0.84 0.00
BEEBEE_GT_13 23619	32.85 -0.07 0.00	29.29 -0.78 0.00	27.22 -0.70 -0.06	27.80 -0.77 0.00	28.13 -0.75 0.00	31.49 -0.74 0.00	40.43 -0.99 0.00	42.87 -1.46 0.00	43.45 -1.44 0.00	40.48 -1.25 0.00	42.06 -1.17 0.00	40.03 -1.07 0.00	39.68 -0.81 0.00	38.78 -1.16 0.00	39.98 -1.19 0.00	40.60 -1.30 0.00	43.08 -1.47 0.00	48.97 -2.04 0.00	52.34 -1.45 0.00	53.97 -1.44 0.00	55.21 -0.95 0.00	44.86 -1.01 0.00	38.04 -1.10 0.00	34.59 -0.38 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.57 2.63 -0.02	32.62 2.53 -0.02	30.71 2.37 -0.48	30.98 2.40 -0.01	31.26 2.37 -0.01	34.75 2.51 -0.01	44.76 3.31 -0.02	48.42 4.08 -0.01	49.12 4.22 -0.01	46.76 3.92 -1.10	47.18 3.93 -0.02	51.82 3.86 -6.86	47.58 3.68 -3.40	48.71 3.75 -5.01	47.98 3.87 -2.94	51.49 3.90 -5.69	50.78 4.01 -2.23	60.70 4.80 -4.90	58.48 4.63 -0.06	60.01 4.54 -0.06	71.75 4.55 -11.03	50.32 3.53 -0.92	47.75 2.90 -5.72	37.52 2.52 -0.02
BETHLEHEM___GRP 23843	33.64 0.72 0.00	30.82 0.75 0.00	29.17 0.72 -0.58	29.32 0.74 0.00	29.61 0.72 0.00	32.97 0.74 0.00	42.33 0.91 0.00	45.44 1.11 0.00	45.92 1.03 0.00	42.69 0.96 0.00	44.05 0.82 0.00	41.92 0.82 0.00	41.26 0.77 0.00	40.82 0.88 0.00	42.07 0.91 0.00	42.78 0.88 0.00	45.44 0.89 0.00	51.98 0.97 0.00	54.49 0.70 0.00	56.24 0.83 0.00	56.79 0.62 0.00	46.46 0.60 0.00	39.88 0.74 0.00	35.50 0.52 0.00
BETHLEHEM___GS1 323560	33.64 0.72 0.00	30.82 0.75 0.00	29.20 0.75 -0.58	29.31 0.74 0.00	29.61 0.72 0.00	32.97 0.74 0.00	42.29 0.87 0.00	45.44 1.11 0.00	45.92 1.03 0.00	42.69 0.96 0.00	44.05 0.82 0.00	41.92 0.82 0.00	41.26 0.77 0.00	40.78 0.84 0.00	42.07 0.90 0.00	42.78 0.88 0.00	45.44 0.89 0.00	51.98 0.97 0.00	54.49 0.70 0.00	56.19 0.78 0.00	56.79 0.62 0.00	46.42 0.55 0.00	39.88 0.74 0.00	35.50 0.53 0.00
BETHLEHEM___GS2 323561	33.64 0.72 0.00	30.82 0.75 0.00	29.20 0.75 -0.58	29.31 0.74 0.00	29.61 0.72 0.00	32.97 0.74 0.00	42.29 0.87 0.00	45.44 1.11 0.00	45.92 1.03 0.00	42.69 0.96 0.00	44.05 0.82 0.00	41.92 0.82 0.00	41.26 0.77 0.00	40.78 0.84 0.00	42.07 0.90 0.00	42.78 0.88 0.00	45.44 0.89 0.00	51.98 0.97 0.00	54.49 0.70 0.00	56.19 0.78 0.00	56.79 0.62 0.00	46.42 0.55 0.00	39.88 0.74 0.00	35.50 0.53 0.00
BETHLEHEM___GS3 323562	33.64 0.72 0.00	30.82 0.75 0.00	29.20 0.75 -0.58	29.31 0.74 0.00	29.61 0.72 0.00	32.97 0.74 0.00	42.29 0.87 0.00	45.44 1.11 0.00	45.92 1.03 0.00	42.69 0.96 0.00	44.05 0.82 0.00	41.92 0.82 0.00	41.26 0.77 0.00	40.78 0.84 0.00	42.07 0.90 0.00	42.78 0.88 0.00	45.44 0.89 0.00	51.98 0.97 0.00	54.49 0.70 0.00	56.19 0.78 0.00	56.79 0.62 0.00	46.42 0.55 0.00	39.88 0.74 0.00	35.50 0.53 0.00
BETHLEHEM___STEEL 23779	32.69 -0.23 0.00	28.66 -1.41 0.00	26.52 -1.42 -0.08	27.32 -1.26 0.00	27.64 -1.24 0.00	30.94 -1.29 0.00	39.72 -1.70 0.00	41.98 -2.35 0.00	42.42 -2.47 0.00	39.39 -2.34 0.00	41.07 -2.16 0.00	39.12 -1.97 0.00	38.99 -1.50 0.00	37.86 -2.08 0.00	38.99 -2.18 0.00	39.68 -2.22 0.00	42.01 -2.54 0.00	47.49 -3.52 0.00	51.16 -2.64 0.00	52.70 -2.72 0.00	54.15 -2.02 0.00	44.03 -1.83 0.00	37.42 -1.72 0.00	34.52 -0.45 0.00
BETHLHEM_115KV_TB1 79974	33.67 0.76 0.00	30.85 0.78 0.00	29.20 0.75 -0.58	29.37 0.80 0.00	29.63 0.75 0.00	33.03 0.81 0.00	42.37 0.95 0.00	45.53 1.20 0.00	46.01 1.12 0.00	42.77 1.04 0.00	44.09 0.86 0.00	41.96 0.86 0.00	41.30 0.81 0.00	40.86 0.92 0.00	42.12 0.95 0.00	42.86 0.96 0.00	45.53 0.98 0.00	52.08 1.07 0.00	54.66 0.86 0.00	56.35 0.94 0.00	56.95 0.79 0.00	46.60 0.73 0.00	39.92 0.78 0.00	35.57 0.59 0.00
BETHPAGE_CC_5 323564	36.02 3.09 -0.01	32.78 2.71 0.00	30.89 2.56 -0.47	31.15 2.57 0.00	31.48 2.60 0.00	35.09 2.87 0.00	45.19 3.77 0.00	48.01 3.68 0.00	48.79 3.90 0.00	45.55 3.76 -0.06	50.50 3.41 -3.86	53.26 3.21 -8.96	52.90 3.12 -9.29	49.12 3.15 -6.02	50.58 3.25 -6.16	51.15 3.18 -6.07	52.37 3.30 -4.53	60.07 3.88 -5.18	62.31 3.66 -4.86	62.48 3.60 -3.47	63.13 3.71 -3.26	53.27 2.98 -4.42	42.61 3.09 -0.39	38.36 2.97 -0.41
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.69 -0.23 0.00	28.63 -1.44 0.00	26.46 -1.48 -0.08	27.32 -1.26 0.00	27.64 -1.24 0.00	30.94 -1.29 0.00	39.72 -1.70 0.00	42.02 -2.31 0.00	42.51 -2.38 0.00	39.48 -2.25 0.00	41.15 -2.07 0.00	39.16 -1.93 0.00	39.03 -1.46 0.00	37.90 -2.04 0.00	39.03 -2.14 0.00	39.72 -2.18 0.00	42.05 -2.49 0.00	47.59 -3.42 0.00	51.27 -2.53 0.00	52.75 -2.66 0.00	54.20 -1.97 0.00	44.08 -1.79 0.00	37.45 -1.68 0.00	34.56 -0.42 0.00
BINGHAMTON___COGEN 23790	33.34 0.43 0.00	30.19 0.12 0.00	28.04 0.03 -0.16	28.69 0.11 0.00	29.06 0.17 0.00	32.45 0.23 0.00	41.79 0.37 0.00	44.73 0.40 0.00	45.20 0.31 0.00	42.02 0.29 0.00	43.53 0.30 0.00	41.38 0.29 0.00	40.81 0.32 0.00	40.14 0.20 0.00	41.38 0.21 0.00	42.03 0.13 0.00	44.68 0.13 0.00	51.17 0.15 0.00	54.23 0.43 0.00	55.86 0.44 0.00	56.84 0.67 0.00	46.28 0.41 0.00	39.37 0.23 0.00	35.36 0.38 0.00

BIXINCNT_115KV_LOAD 355685	32.55 -0.36 0.00	28.45 -1.62 0.00	26.25 -1.70 -0.08	27.23 -1.34 0.00	27.58 -1.30 0.00	30.97 -1.26 0.00	39.97 -1.45 0.00	42.47 -1.86 0.00	42.91 -1.98 0.00	39.94 -1.79 0.00	41.67 -1.56 0.00	39.74 -1.36 0.00	39.48 -1.01 0.00	38.34 -1.60 0.00	39.48 -1.69 0.00	40.22 -1.68 0.00	42.45 -2.09 0.00	48.10 -2.91 0.00	51.86 -1.94 0.00	53.42 -1.99 0.00	54.88 -1.29 0.00	44.63 -1.24 0.00	37.88 -1.25 0.00	34.84 -0.14 0.00
BLACK RIVER___HYD 24047	27.26 -0.92 4.74	24.80 -0.84 4.43	22.86 -0.84 4.16	23.51 -0.80 4.26	24.02 -0.64 4.22	28.09 -0.61 3.53	36.32 -0.62 4.48	39.38 -0.71 4.24	41.45 -1.03 2.41	40.48 -1.25 0.00	41.76 -1.47 0.00	39.45 -1.65 0.00	38.67 -1.82 0.00	38.27 -1.68 0.00	39.69 -1.48 0.00	40.56 -1.34 0.00	43.35 -1.20 0.00	50.14 -0.87 0.00	53.36 -0.43 0.00	55.47 0.06 0.00	56.51 0.34 0.00	45.91 0.05 0.00	38.75 -0.39 0.00	34.46 -0.52 0.00
BLACKRVR_115KV_TB2 79977	27.26 -0.92 4.74	24.80 -0.84 4.43	22.86 -0.84 4.16	23.51 -0.80 4.26	24.02 -0.64 4.22	28.09 -0.61 3.53	36.32 -0.62 4.48	39.38 -0.71 4.24	41.44 -1.03 2.41	40.48 -1.25 0.00	41.76 -1.47 0.00	39.45 -1.64 0.00	38.67 -1.82 0.00	38.26 -1.68 0.00	39.69 -1.48 0.00	40.56 -1.34 0.00	43.34 -1.20 0.00	50.15 -0.87 0.00	53.36 -0.43 0.00	55.41 0.00 0.00	56.51 0.34 0.00	45.87 0.00 0.00	38.75 -0.39 0.00	34.45 -0.52 0.00
BLDWN_LI_69_KV_BK4 356085	35.99 3.06 -0.01	32.75 2.68 0.00	30.87 2.54 -0.47	31.12 2.54 0.00	31.45 2.57 0.00	35.06 2.84 0.00	44.90 3.48 0.00	48.32 3.99 0.00	49.06 4.17 0.00	45.92 4.01 -0.18	58.32 3.59 -11.51	71.23 3.41 -26.72	71.51 3.32 -27.70	61.21 3.32 -17.96	62.94 3.42 -18.35	63.34 3.35 -18.09	61.56 3.52 -13.50	70.63 4.18 -15.43	72.24 3.98 -14.47	69.74 3.99 -10.34	69.97 4.10 -9.70	62.38 3.35 -13.17	43.47 3.25 -1.09	39.08 2.94 -1.16
BLISS_WT_PWR 323608	32.46 -0.46 0.00	28.36 -1.71 0.00	26.36 -1.59 -0.08	27.15 -1.43 0.00	27.50 -1.39 0.00	30.94 -1.29 0.00	39.93 -1.49 0.00	42.47 -1.86 0.00	42.91 -1.97 0.00	39.98 -1.75 0.00	41.67 -1.55 0.00	39.74 -1.36 0.00	39.52 -0.97 0.00	38.34 -1.60 0.00	39.44 -1.73 0.00	40.22 -1.68 0.00	42.50 -2.05 0.00	48.11 -2.91 0.00	51.86 -1.93 0.00	53.64 -1.78 0.00	54.88 -1.29 0.00	44.86 -1.01 0.00	37.88 -1.25 0.00	34.84 -0.14 0.00
BLUESTONE___WT_PWR 323821	34.00 1.08 0.00	30.97 0.90 0.00	28.78 0.75 -0.17	29.46 0.89 0.00	29.98 1.10 0.00	33.52 1.29 0.00	43.29 1.87 0.00	46.37 2.04 0.00	48.84 3.95 0.00	45.15 3.42 0.00	46.60 3.37 0.00	44.18 3.08 0.00	43.16 2.67 0.00	42.50 2.56 0.00	43.93 2.76 0.00	44.92 3.02 0.00	48.24 3.70 0.00	56.01 5.00 0.00	59.61 5.81 0.00	61.84 6.42 0.00	63.08 6.91 0.00	51.19 5.32 0.00	43.05 3.91 0.00	38.34 3.36 0.00
BLUE_CIRC_CHEM_DRP 24182	33.97 1.05 0.00	31.09 1.02 0.00	29.38 0.95 -0.57	29.60 1.03 0.00	29.89 1.01 0.00	33.29 1.06 0.00	42.70 1.28 0.00	45.79 1.46 0.00	46.28 1.39 0.00	42.98 1.25 0.00	44.39 1.17 0.00	42.21 1.11 0.00	41.54 1.05 0.00	41.06 1.12 0.00	42.28 1.11 0.00	43.03 1.13 0.00	45.70 1.16 0.00	52.39 1.38 0.00	55.03 1.24 0.00	56.80 1.39 0.00	57.40 1.24 0.00	46.97 1.10 0.00	40.23 1.10 0.00	35.85 0.87 0.00
BOC_GAS_DRP 24189	33.80 0.89 0.00	30.97 0.90 0.00	29.31 0.86 -0.58	29.46 0.89 0.00	29.75 0.87 0.00	33.13 0.90 0.00	42.54 1.12 0.00	45.62 1.29 0.00	46.19 1.30 0.00	42.94 1.21 0.00	44.39 1.17 0.00	42.21 1.11 0.00	41.58 1.09 0.00	41.06 1.12 0.00	42.28 1.11 0.00	42.99 1.09 0.00	45.70 1.16 0.00	52.34 1.33 0.00	54.92 1.13 0.00	56.63 1.22 0.00	57.29 1.12 0.00	46.83 0.96 0.00	40.08 0.94 0.00	35.71 0.73 0.00
BOONVILLE_115KV_TB1 79983	31.11 -0.07 1.74	28.38 -0.06 1.63	26.25 -0.08 1.53	26.95 -0.06 1.57	27.36 0.03 1.56	31.03 0.10 1.30	39.98 0.21 1.65	42.99 0.22 1.56	44.21 0.22 0.90	41.81 0.08 0.00	43.23 0.00 0.00	40.97 -0.12 0.00	40.16 -0.32 0.00	39.78 -0.16 0.00	41.17 0.00 0.00	41.98 0.08 0.00	44.72 0.18 0.00	51.52 0.51 0.00	54.49 0.70 0.00	56.30 0.89 0.00	57.18 1.01 0.00	46.56 0.69 0.00	39.53 0.39 0.00	35.22 0.24 0.00
BORALEX_4TH_BRANCH 23824	34.83 1.91 0.00	31.84 1.77 0.00	30.12 1.67 -0.59	30.29 1.71 0.00	30.59 1.70 0.00	34.13 1.90 0.00	43.91 2.49 0.00	47.03 2.70 0.00	47.58 2.69 0.00	44.23 2.50 0.00	45.69 2.46 0.00	43.44 2.34 0.00	42.80 2.31 0.00	42.22 2.28 0.00	43.52 2.35 0.00	44.25 2.35 0.00	47.04 2.49 0.00	53.87 2.86 0.00	56.32 2.53 0.00	58.46 3.05 0.00	58.81 2.64 0.00	48.21 2.34 0.00	41.21 2.07 0.00	36.62 1.64 0.00
BOWLINE___1 23526	34.79 1.88 0.00	31.84 1.77 0.00	29.99 1.67 -0.45	30.26 1.69 0.00	30.56 1.67 0.00	34.00 1.77 0.00	43.86 2.44 0.00	47.21 2.88 0.00	47.94 3.05 0.00	44.56 2.84 0.00	46.04 2.81 0.00	43.77 2.67 0.00	43.08 2.59 0.00	42.54 2.59 0.00	43.89 2.72 0.00	44.58 2.68 0.00	47.31 2.76 0.00	54.43 3.42 0.00	57.02 3.23 0.00	58.57 3.16 0.00	59.31 3.14 0.00	48.25 2.38 0.00	41.33 2.19 0.00	36.90 1.92 0.00
BOWLINE___2 23595	34.79 1.88 0.00	31.84 1.77 0.00	30.02 1.70 -0.45	30.29 1.71 0.00	30.56 1.67 0.00	34.00 1.77 0.00	43.91 2.49 0.00	47.21 2.88 0.00	47.94 3.05 0.00	44.56 2.84 0.00	46.04 2.81 0.00	43.77 2.67 0.00	43.08 2.59 0.00	42.58 2.64 0.00	43.93 2.76 0.00	44.58 2.68 0.00	47.31 2.76 0.00	54.43 3.42 0.00	57.02 3.23 0.00	58.57 3.16 0.00	59.31 3.14 0.00	48.30 2.43 0.00	41.33 2.19 0.00	36.90 1.92 0.00
BRADY___115KV_TB2 356060	8.72 -1.25 22.95	7.65 -0.96 21.46	6.69 -0.89 20.28	7.04 -0.89 20.64	7.55 -0.87 20.47	14.21 -0.93 17.09	18.62 -1.12 21.69	22.44 -1.33 20.56	31.71 -1.53 11.65	40.19 -1.54 0.00	41.67 -1.56 0.00	39.62 -1.48 0.00	38.95 -1.54 0.00	38.58 -1.36 0.00	39.85 -1.32 0.00	40.64 -1.26 0.00	43.43 -1.11 0.00	49.74 -1.28 0.00	52.72 -1.08 0.00	54.41 -1.00 0.00	55.21 -0.95 0.00	45.13 -0.73 0.00	38.51 -0.63 0.00	34.28 -0.70 0.00
BRANSCOMB___SOLAR 323811	34.66 1.74 0.00	31.69 1.62 0.00	30.05 1.59 -0.60	30.20 1.63 0.00	30.47 1.59 0.00	34.03 1.80 0.00	43.45 2.03 0.00	46.55 2.22 0.00	47.00 2.11 0.00	43.69 1.96 0.00	45.17 1.95 0.00	42.90 1.81 0.00	42.23 1.74 0.00	41.66 1.72 0.00	42.90 1.73 0.00	43.66 1.76 0.00	46.37 1.83 0.00	53.10 2.09 0.00	55.79 1.99 0.00	57.68 2.27 0.00	58.36 2.19 0.00	47.79 1.93 0.00	41.21 2.07 0.00	36.66 1.68 0.00
BRDGHMPT_69_KV_BK1 55812	36.28 3.36 -0.01	32.96 2.89 0.00	31.17 2.84 -0.47	31.40 2.83 0.00	31.80 2.92 0.00	35.39 3.16 0.00	45.11 3.69 0.00	48.50 4.17 0.00	49.42 4.53 0.00	46.17 4.42 -0.02	48.42 3.80 -1.39	47.81 3.49 -3.22	47.23 3.40 -3.34	45.58 3.47 -2.17	47.00 3.62 -2.21	47.73 3.65 -2.18	49.92 3.74 -1.63	57.52 4.64 -1.86	60.01 4.46 -1.75	61.21 4.54 -1.25	61.84 4.49 -1.17	51.17 3.72 -1.59	42.80 3.52 -0.14	38.52 3.39 -0.15

BRENTWOD_69_KV_W. BRTWOOD 56703	36.22 3.29 -0.01	32.93 2.86 0.00	31.06 2.73 -0.47	31.29 2.71 0.00	31.66 2.77 0.00	35.29 3.06 0.00	45.02 3.60 0.00	48.36 4.03 0.00	49.24 4.35 0.00	45.97 4.21 -0.02	48.67 3.80 -1.64	48.47 3.58 -3.79	47.91 3.48 -3.93	46.05 3.55 -2.55	47.44 3.66 -2.61	48.12 3.65 -2.57	50.30 3.83 -1.92	57.75 4.54 -2.20	60.21 4.36 -2.06	61.32 4.43 -1.47	61.99 4.44 -1.38	51.41 3.67 -1.87	42.86 3.56 -0.16	38.48 3.32 -0.17
BRISTLHL_115KV_TB1 79998	32.39 -0.53 0.00	29.41 -0.66 0.00	27.23 -0.67 -0.04	27.89 -0.69 0.00	28.22 -0.66 0.00	31.55 -0.68 0.00	40.63 -0.79 0.00	43.40 -0.93 0.00	43.94 -0.94 0.00	40.85 -0.88 0.00	42.32 -0.91 0.00	40.19 -0.90 0.00	39.64 -0.85 0.00	39.02 -0.92 0.00	40.22 -0.95 0.00	40.94 -0.96 0.00	43.48 -1.07 0.00	49.79 -1.22 0.00	52.72 -1.08 0.00	54.25 -1.16 0.00	55.16 -1.01 0.00	44.95 -0.92 0.00	38.24 -0.90 0.00	34.24 -0.73 0.00
BROOKHAVEN___DRP 24191	36.15 3.23 -0.01	32.87 2.80 0.00	31.03 2.70 -0.47	31.29 2.71 0.00	31.66 2.77 0.00	35.26 3.03 0.00	44.90 3.48 0.00	48.23 3.90 0.00	49.15 4.26 0.00	45.88 4.13 -0.02	48.29 3.67 -1.38	47.75 3.45 -3.20	47.17 3.36 -3.32	45.53 3.43 -2.16	46.95 3.58 -2.20	47.63 3.56 -2.17	49.86 3.70 -1.62	57.36 4.49 -1.85	59.84 4.30 -1.74	61.03 4.38 -1.25	61.72 4.38 -1.17	51.07 3.62 -1.58	42.84 3.56 -0.14	38.41 3.29 -0.15
BROOKLYN_NAVY_YARD 23515	35.16 2.24 0.00	32.17 2.10 0.00	30.31 1.98 -0.47	30.57 2.00 0.00	30.85 1.97 0.00	34.32 2.09 0.00	44.40 2.98 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.13 3.38 -0.02	46.64 3.41 0.00	44.34 3.25 0.00	43.65 3.16 0.00	43.14 3.20 0.00	44.50 3.33 0.00	45.04 3.14 0.00	47.93 3.38 0.00	55.10 4.08 0.00	57.61 3.82 0.00	59.07 3.66 0.00	59.87 3.71 0.00	48.71 2.84 0.00	41.68 2.54 0.00	37.25 2.27 0.00
BROOKLYN___ARMY_DRP 323595	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
BROOME_2_LFGE 323671	33.34 0.43 0.00	30.19 0.12 0.00	28.07 0.06 -0.16	28.69 0.11 0.00	29.06 0.17 0.00	32.45 0.23 0.00	41.83 0.41 0.00	44.73 0.40 0.00	45.20 0.32 0.00	42.02 0.29 0.00	43.53 0.30 0.00	41.39 0.29 0.00	40.81 0.32 0.00	40.10 0.16 0.00	41.33 0.17 0.00	42.03 0.13 0.00	44.72 0.18 0.00	51.17 0.15 0.00	54.22 0.43 0.00	55.85 0.44 0.00	56.84 0.68 0.00	46.33 0.46 0.00	39.37 0.24 0.00	35.36 0.39 0.00
BROOME___LFGE 323600	33.34 0.43 0.00	30.19 0.12 0.00	28.07 0.06 -0.16	28.69 0.11 0.00	29.06 0.17 0.00	32.45 0.23 0.00	41.83 0.41 0.00	44.73 0.40 0.00	45.20 0.32 0.00	42.02 0.29 0.00	43.53 0.30 0.00	41.39 0.29 0.00	40.81 0.32 0.00	40.10 0.16 0.00	41.33 0.17 0.00	42.03 0.13 0.00	44.72 0.18 0.00	51.17 0.15 0.00	54.22 0.43 0.00	55.85 0.44 0.00	56.84 0.68 0.00	46.33 0.46 0.00	39.37 0.24 0.00	35.36 0.39 0.00
BROWNFLS_115KV_TB_3_5 80003	17.56 -2.04 13.31	15.91 -1.71 12.45	14.49 -1.62 11.75	14.94 -1.66 11.98	15.45 -1.56 11.88	20.61 -1.71 9.91	26.81 -2.03 12.58	30.19 -2.22 11.92	35.70 -2.42 6.77	39.31 -2.42 0.00	40.68 -2.55 0.00	38.59 -2.51 0.00	37.86 -2.63 0.00	37.58 -2.36 0.00	38.86 -2.31 0.00	39.68 -2.22 0.00	42.41 -2.14 0.00	48.77 -2.24 0.00	51.70 -2.10 0.00	53.47 -1.94 0.00	54.31 -1.85 0.00	44.31 -1.56 0.00	37.65 -1.49 0.00	33.48 -1.50 0.00
BROWNSV1_27_KV_LOAD 356125	35.42 2.50 0.00	32.42 2.35 0.00	30.50 2.17 -0.47	30.80 2.23 0.00	31.05 2.17 0.00	34.58 2.35 0.00	44.65 3.23 0.00	48.28 3.95 0.00	49.02 4.13 0.00	45.59 3.84 -0.02	47.03 3.80 0.00	44.75 3.66 0.00	44.05 3.56 0.00	43.50 3.55 0.00	44.87 3.71 0.00	45.55 3.65 0.00	48.33 3.79 0.00	55.55 4.54 0.00	58.04 4.25 0.00	59.62 4.21 0.00	60.38 4.21 0.00	49.22 3.35 0.00	42.07 2.94 0.00	37.53 2.55 0.00
BURROWS___LYONSDAL 23803	29.75 -0.39 2.77	27.12 -0.36 2.59	25.07 -0.36 2.43	25.74 -0.34 2.49	26.18 -0.23 2.47	29.94 -0.23 2.06	38.64 -0.17 2.61	41.67 -0.18 2.48	43.24 -0.22 1.42	41.35 -0.38 0.00	42.75 -0.48 0.00	40.48 -0.62 0.00	39.72 -0.77 0.00	39.38 -0.56 0.00	40.76 -0.41 0.00	41.61 -0.29 0.00	44.37 -0.18 0.00	51.11 0.10 0.00	54.12 0.32 0.00	55.91 0.50 0.00	56.84 0.67 0.00	46.28 0.41 0.00	39.25 0.12 0.00	34.98 0.00 0.00
CAITHNESS_CC_1 323624	36.09 3.16 -0.01	32.81 2.74 0.00	30.98 2.65 -0.47	31.23 2.66 0.00	31.60 2.71 0.00	35.16 2.93 0.00	45.23 3.81 0.00	48.10 3.77 0.00	48.97 4.08 0.00	45.72 3.97 -0.02	48.19 3.59 -1.38	47.61 3.33 -3.19	47.03 3.24 -3.30	45.44 3.36 -2.14	46.86 3.50 -2.19	47.41 3.35 -2.16	49.64 3.48 -1.61	57.19 4.33 -1.85	59.67 4.14 -1.73	60.75 4.10 -1.24	61.49 4.16 -1.16	50.84 3.39 -1.57	42.68 3.40 -0.14	38.31 3.18 -0.15
CALPINE BETH_PAGE_GT4 24209	36.02 3.09 -0.01	32.78 2.71 0.00	30.89 2.56 -0.47	31.14 2.57 0.00	31.48 2.60 0.00	35.10 2.87 0.00	44.82 3.40 0.00	48.01 3.68 0.00	48.84 3.95 0.00	45.61 3.80 -0.08	51.53 3.37 -4.93	55.69 3.16 -11.43	55.42 3.08 -11.86	50.70 3.08 -7.69	52.24 3.21 -7.86	52.79 3.14 -7.74	53.62 3.30 -5.78	61.45 3.83 -6.61	63.65 3.66 -6.20	63.44 3.60 -4.43	63.98 3.65 -4.16	54.53 3.03 -5.64	42.76 3.13 -0.49	38.41 2.90 -0.53
CALPINE_BETH_PAGE_GT_4 323586	36.02 3.09 -0.01	32.78 2.71 0.00	30.89 2.56 -0.47	31.15 2.57 0.00	31.48 2.60 0.00	35.09 2.87 0.00	45.15 3.73 0.00	47.92 3.59 0.00	48.70 3.81 0.00	45.48 3.67 -0.08	51.48 3.33 -4.93	55.70 3.16 -11.43	55.42 3.08 -11.86	50.75 3.12 -7.69	52.24 3.21 -7.86	52.79 3.14 -7.74	53.57 3.25 -5.78	61.45 3.83 -6.61	63.65 3.66 -6.20	63.39 3.55 -4.43	63.97 3.65 -4.16	54.44 2.94 -5.64	42.72 3.09 -0.49	38.41 2.90 -0.53
CALPINE_BP_GT1 23823	36.02 3.09 -0.01	32.78 2.71 0.00	30.89 2.56 -0.47	31.15 2.57 0.00	31.48 2.60 0.00	35.09 2.87 0.00	45.15 3.73 0.00	47.92 3.59 0.00	48.70 3.81 0.00	45.48 3.67 -0.08	51.48 3.33 -4.93	55.70 3.16 -11.43	55.42 3.08 -11.86	50.75 3.12 -7.69	52.24 3.21 -7.86	52.79 3.14 -7.74	53.57 3.25 -5.78	61.45 3.83 -6.61	63.65 3.66 -6.20	63.39 3.55 -4.43	63.97 3.65 -4.16	54.44 2.94 -5.64	42.72 3.09 -0.49	38.41 2.90 -0.53
CALSPAN___DRP 24200	32.69 -0.23 0.00	28.66 -1.41 0.00	26.52 -1.42 -0.08	27.32 -1.26 0.00	27.64 -1.24 0.00	30.94 -1.29 0.00	39.72 -1.70 0.00	41.98 -2.35 0.00	42.42 -2.47 0.00	39.39 -2.34 0.00	41.07 -2.16 0.00	39.12 -1.97 0.00	38.99 -1.50 0.00	37.86 -2.08 0.00	38.99 -2.18 0.00	39.68 -2.22 0.00	42.01 -2.54 0.00	47.49 -3.52 0.00	51.16 -2.64 0.00	52.70 -2.72 0.00	54.15 -2.02 0.00	44.03 -1.83 0.00	37.42 -1.72 0.00	34.52 -0.45 0.00

CALVERTON___SOLAR 323806	36.25 3.32 -0.01	32.93 2.86 0.00	31.12 2.79 -0.47	31.34 2.77 0.00	31.72 2.83 0.00	35.32 3.09 0.00	45.44 4.02 0.00	48.36 4.03 0.00	49.24 4.35 0.00	45.92 4.17 -0.02	48.37 3.76 -1.39	47.84 3.53 -3.21	47.25 3.44 -3.33	45.62 3.52 -2.16	47.04 3.66 -2.21	47.59 3.52 -2.17	49.87 3.70 -1.62	57.51 4.64 -1.86	60.00 4.46 -1.74	61.15 4.49 -1.25	61.89 4.55 -1.17	51.12 3.67 -1.58	42.87 3.60 -0.14	38.48 3.36 -0.15
CANDIGU_WT_PWR 323617	32.72 -0.20 0.00	29.17 -0.90 0.00	27.10 -0.86 -0.11	27.80 -0.77 0.00	28.19 -0.69 0.00	31.65 -0.58 0.00	40.88 -0.54 0.00	43.53 -0.80 0.00	43.94 -0.94 0.00	40.77 -0.96 0.00	42.28 -0.95 0.00	40.19 -0.90 0.00	39.80 -0.69 0.00	38.90 -1.04 0.00	40.06 -1.11 0.00	40.77 -1.13 0.00	43.35 -1.20 0.00	49.48 -1.53 0.00	53.04 -0.75 0.00	54.86 -0.55 0.00	56.06 -0.11 0.00	45.68 -0.18 0.00	38.63 -0.51 0.00	35.08 0.11 0.00
CARR STREET_E_SYR 24060	32.85 -0.07 0.00	29.77 -0.30 0.00	27.60 -0.31 -0.04	28.26 -0.31 0.00	28.59 -0.29 0.00	31.97 -0.26 0.00	41.17 -0.25 0.00	44.02 -0.31 0.00	44.58 -0.31 0.00	41.48 -0.25 0.00	42.97 -0.26 0.00	40.81 -0.29 0.00	40.25 -0.24 0.00	39.62 -0.32 0.00	40.84 -0.33 0.00	41.52 -0.38 0.00	44.10 -0.45 0.00	50.45 -0.56 0.00	53.42 -0.37 0.00	55.03 -0.39 0.00	55.89 -0.28 0.00	45.59 -0.27 0.00	38.71 -0.43 0.00	34.70 -0.28 0.00
CARTHAGE___PAPER 23857	26.07 -1.25 5.59	23.76 -1.08 5.23	21.85 -1.09 4.92	22.48 -1.06 5.03	23.00 -0.90 4.99	27.13 -0.94 4.17	35.14 -0.99 5.29	38.21 -1.11 5.01	40.65 -1.39 2.85	40.14 -1.59 0.00	41.41 -1.81 0.00	39.17 -1.93 0.00	38.38 -2.11 0.00	38.10 -1.84 0.00	39.48 -1.69 0.00	40.31 -1.59 0.00	43.12 -1.43 0.00	49.84 -1.17 0.00	53.04 -0.75 0.00	55.03 -0.39 0.00	56.00 -0.17 0.00	45.55 -0.32 0.00	38.51 -0.63 0.00	34.24 -0.74 0.00
CASSADAGA_WT_PWR 323784	32.88 -0.03 0.00	28.69 -1.38 0.00	26.78 -1.17 -0.08	27.63 -0.94 0.00	27.96 -0.93 0.00	31.45 -0.77 0.00	40.47 -0.95 0.00	43.31 -1.02 0.00	43.81 -1.08 0.00	40.69 -1.04 0.00	42.45 -0.78 0.00	40.77 -0.33 0.00	40.08 -0.40 0.00	38.90 -1.04 0.00	40.10 -1.07 0.00	40.98 -0.92 0.00	43.52 -1.02 0.00	49.28 -1.73 0.00	53.09 -0.70 0.00	54.86 -0.55 0.00	56.11 -0.06 0.00	45.82 -0.05 0.00	38.67 -0.47 0.00	35.54 0.56 0.00
CE_DUNWOOD___DRP 24194	34.92 2.01 0.00	32.00 1.92 0.00	30.14 1.81 -0.47	30.40 1.83 0.00	30.70 1.82 0.00	34.16 1.93 0.00	44.03 2.61 0.00	47.48 3.15 0.00	48.21 3.32 0.00	44.81 3.09 0.01	46.30 3.07 0.00	44.01 2.92 0.00	43.32 2.83 0.00	42.82 2.88 0.00	44.13 2.96 0.00	44.83 2.93 0.00	47.58 3.03 0.00	54.74 3.72 0.00	57.29 3.50 0.00	58.90 3.49 0.00	59.65 3.48 0.00	48.62 2.75 0.00	41.56 2.43 0.00	37.08 2.10 0.00
CE_MILLWOOD___DRP 24193	34.89 1.97 0.00	31.93 1.86 0.00	30.11 1.78 -0.47	30.37 1.80 0.00	30.65 1.76 0.00	34.10 1.87 0.00	43.95 2.53 0.00	47.39 3.06 0.00	48.12 3.23 0.00	44.73 3.00 0.01	46.17 2.94 0.00	43.93 2.84 0.00	43.24 2.75 0.00	42.70 2.76 0.00	44.05 2.88 0.00	44.75 2.85 0.00	47.49 2.94 0.00	54.63 3.62 0.00	57.18 3.39 0.00	58.79 3.38 0.00	59.54 3.37 0.00	48.53 2.66 0.00	41.52 2.39 0.00	37.01 2.03 0.00
CE_NYC2_DRP 24202	35.25 2.34 0.00	32.30 2.23 0.00	30.45 2.12 -0.47	30.72 2.14 0.00	30.99 2.11 0.00	34.45 2.22 0.00	44.40 2.98 0.00	48.05 3.72 0.00	48.75 3.86 0.00	45.38 3.63 -0.02	46.81 3.59 0.00	44.60 3.49 -0.01	43.89 3.40 0.00	43.38 3.43 0.00	44.71 3.54 0.00	45.38 3.48 0.00	48.16 3.61 -0.01	55.36 4.34 -0.01	57.83 4.03 0.00	59.35 3.93 0.00	60.04 3.88 0.00	48.99 3.12 0.00	41.80 2.66 0.00	37.29 2.31 0.00
CE_NYC_DRP 24195	35.25 2.34 0.00	32.26 2.20 0.00	30.39 2.06 -0.47	30.66 2.09 0.00	30.93 2.05 0.00	34.42 2.19 0.00	44.44 3.02 0.00	48.05 3.72 0.00	48.79 3.91 0.00	45.34 3.59 -0.02	46.81 3.59 0.00	44.55 3.45 0.00	43.85 3.36 0.00	43.30 3.36 0.00	44.67 3.50 0.00	45.34 3.44 0.00	48.11 3.56 0.00	55.25 4.23 0.00	57.72 3.93 0.00	59.29 3.88 0.00	60.04 3.88 0.00	48.94 3.07 0.00	41.84 2.70 0.00	37.32 2.34 0.00
CHAFFEE___LFGE 323603	32.82 -0.10 0.00	28.69 -1.38 0.00	26.63 -1.31 -0.08	27.35 -1.23 0.00	27.67 -1.21 0.00	30.97 -1.26 0.00	39.80 -1.62 0.00	42.16 -2.17 0.00	42.60 -2.29 0.00	39.56 -2.17 0.00	41.20 -2.03 0.00	39.21 -1.89 0.00	39.07 -1.42 0.00	37.91 -2.04 0.00	38.99 -2.18 0.00	39.76 -2.14 0.00	42.18 -2.36 0.00	47.64 -3.37 0.00	51.37 -2.42 0.00	53.09 -2.33 0.00	54.32 -1.85 0.00	44.45 -1.42 0.00	37.53 -1.61 0.00	34.60 -0.38 0.00
CHATEAUG_35_KV_LOAD 355732	6.33 -1.74 24.84	5.37 -1.47 23.23	4.54 -1.37 21.96	4.82 -1.40 22.35	5.37 -1.36 22.16	12.31 -1.42 18.50	16.25 -1.70 23.48	20.22 -1.86 22.25	30.34 -1.93 12.61	40.02 -1.71 0.00	41.67 -1.56 0.00	39.62 -1.48 0.00	39.07 -1.42 0.00	38.70 -1.24 0.00	39.98 -1.19 0.00	40.77 -1.13 0.00	43.52 -1.02 0.00	49.79 -1.22 0.00	52.67 -1.13 0.00	54.25 -1.16 0.00	54.99 -1.18 0.00	44.95 -0.92 0.00	38.43 -0.70 0.00	34.24 -0.73 0.00
CHATEAUG_WT_PWR 323614	5.84 -1.71 25.36	4.92 -1.44 23.71	4.08 -1.36 22.41	4.39 -1.37 22.81	4.93 -1.33 22.62	11.96 -1.38 18.88	15.80 -1.66 23.97	19.79 -1.82 22.72	30.17 -1.84 12.87	40.10 -1.63 0.00	41.76 -1.47 0.00	39.74 -1.36 0.00	39.15 -1.34 0.00	38.74 -1.20 0.00	40.06 -1.11 0.00	40.81 -1.09 0.00	43.57 -0.98 0.00	49.79 -1.22 0.00	52.66 -1.13 0.00	54.25 -1.17 0.00	54.99 -1.18 0.00	44.95 -0.92 0.00	38.43 -0.70 0.00	34.28 -0.70 0.00
CHAT_HIGH_FALL_HYD 323578	6.33 -1.74 24.84	5.37 -1.47 23.23	4.54 -1.37 21.96	4.82 -1.40 22.35	5.37 -1.36 22.16	12.31 -1.42 18.50	16.25 -1.70 23.48	20.22 -1.86 22.25	30.34 -1.93 12.61	40.02 -1.71 0.00	41.67 -1.56 0.00	39.62 -1.48 0.00	39.07 -1.42 0.00	38.70 -1.24 0.00	39.98 -1.19 0.00	40.77 -1.13 0.00	43.52 -1.02 0.00	49.79 -1.22 0.00	52.67 -1.13 0.00	54.25 -1.16 0.00	54.99 -1.18 0.00	44.95 -0.92 0.00	38.43 -0.70 0.00	34.24 -0.73 0.00
CHAUTAUQUA___LFGE 323629	32.95 0.03 0.00	28.84 -1.23 0.00	26.86 -1.09 -0.08	27.60 -0.97 0.00	27.96 -0.93 0.00	31.33 -0.90 0.00	40.30 -1.12 0.00	43.00 -1.33 0.00	43.45 -1.44 0.00	40.35 -1.38 0.00	42.06 -1.17 0.00	40.44 -0.66 0.00	39.64 -0.85 0.00	38.51 -1.44 0.00	39.65 -1.52 0.00	40.48 -1.42 0.00	42.94 -1.60 0.00	48.62 -2.40 0.00	52.40 -1.40 0.00	54.14 -1.27 0.00	55.38 -0.79 0.00	45.27 -0.60 0.00	38.24 -0.90 0.00	35.19 0.21 0.00
CHERRYST_13_KV_LD 356241	35.35 2.44 0.00	32.36 2.29 0.00	30.48 2.15 -0.47	30.74 2.17 0.00	31.02 2.14 0.00	34.52 2.29 0.00	44.61 3.19 0.00	48.19 3.86 0.00	48.93 4.04 0.00	45.51 3.76 -0.02	46.99 3.76 0.00	44.71 3.62 0.00	44.01 3.52 0.00	43.46 3.51 0.00	44.83 3.66 0.00	45.50 3.60 0.00	48.24 3.70 0.00	55.45 4.44 0.00	57.94 4.14 0.00	59.46 4.05 0.00	60.21 4.04 0.00	49.08 3.21 0.00	41.96 2.82 0.00	37.43 2.45 0.00

CHESTROR_138KV_BK263 355645	34.59 1.68 0.00	31.69 1.62 0.00	29.83 1.53 -0.44	30.12 1.54 0.00	30.41 1.53 0.00	33.87 1.64 0.00	43.57 2.15 0.00	46.95 2.62 0.00	47.63 2.74 0.00	44.23 2.50 0.00	45.73 2.51 0.00	43.44 2.34 0.00	42.76 2.27 0.00	42.22 2.28 0.00	43.56 2.39 0.00	44.25 2.35 0.00	46.95 2.41 0.00	54.02 3.01 0.00	56.65 2.85 0.00	58.24 2.83 0.00	58.98 2.81 0.00	48.07 2.20 0.00	41.09 1.96 0.00	36.66 1.68 0.00
CH_MIDHUDSON___DRP 24192	34.79 1.88 0.00	31.87 1.80 0.00	30.04 1.70 -0.48	30.29 1.71 0.00	30.59 1.70 0.00	34.03 1.80 0.00	43.82 2.40 0.00	47.21 2.88 0.00	47.89 3.01 0.00	44.53 2.80 0.00	45.99 2.77 0.00	43.68 2.59 0.00	42.96 2.47 0.00	42.42 2.48 0.00	43.76 2.59 0.00	44.46 2.56 0.00	47.22 2.67 0.00	54.28 3.26 0.00	56.91 3.12 0.00	58.52 3.10 0.00	59.26 3.09 0.00	48.30 2.43 0.00	41.29 2.15 0.00	36.83 1.85 0.00
CH_MISC_IPPS 23765	34.92 2.01 0.00	32.00 1.93 0.00	30.14 1.81 -0.47	30.40 1.83 0.00	30.70 1.82 0.00	34.16 1.93 0.00	44.07 2.65 0.00	47.39 3.06 0.00	48.16 3.28 0.00	44.69 2.96 0.00	46.21 2.98 0.00	43.85 2.75 0.00	43.08 2.59 0.00	42.58 2.64 0.00	43.93 2.76 0.00	44.58 2.68 0.00	47.35 2.81 0.00	54.53 3.52 0.00	57.13 3.34 0.00	58.74 3.32 0.00	59.42 3.26 0.00	48.39 2.52 0.00	41.41 2.27 0.00	36.94 1.96 0.00
CH_RES_BVR_FALLS 23983	-6.01 -1.18 37.75	-6.24 -1.02 35.29	-6.45 -0.95 33.36	-6.36 -0.97 33.96	-5.77 -0.98 33.67	2.99 -1.13 28.11	4.26 -1.49 35.67	8.96 -1.55 33.81	24.15 -1.57 19.16	40.31 -1.42 0.00	41.89 -1.34 0.00	39.90 -1.19 0.00	39.36 -1.13 0.00	38.94 -1.00 0.00	40.18 -0.99 0.00	40.98 -0.92 0.00	43.66 -0.89 0.00	49.94 -1.07 0.00	52.77 -1.02 0.00	54.36 -1.05 0.00	55.05 -1.12 0.00	44.99 -0.87 0.00	38.43 -0.70 0.00	34.28 -0.70 0.00
CH_RES_NIAGARA 23895	31.86 -1.05 0.00	28.09 -1.98 0.00	26.12 -1.81 -0.07	26.72 -1.86 0.00	27.04 -1.85 0.00	30.20 -2.03 0.00	38.65 -2.78 0.00	40.56 -3.77 0.00	41.07 -3.82 0.00	38.18 -3.55 0.00	39.86 -3.37 0.00	37.97 -3.12 0.00	37.86 -2.63 0.00	36.79 -3.16 0.00	37.83 -3.33 0.00	38.46 -3.44 0.00	40.72 -3.83 0.00	45.91 -5.10 0.00	49.49 -4.30 0.00	50.92 -4.49 0.00	52.35 -3.82 0.00	42.61 -3.26 0.00	36.24 -2.90 0.00	33.62 -1.36 0.00
CH_RES_SYRACUSE 23985	32.88 -0.03 0.00	29.83 -0.24 0.00	27.63 -0.28 -0.04	28.29 -0.29 0.00	28.62 -0.26 0.00	32.04 -0.19 0.00	41.26 -0.17 0.00	44.11 -0.22 0.00	44.66 -0.22 0.00	41.56 -0.17 0.00	43.01 -0.22 0.00	40.89 -0.20 0.00	40.29 -0.20 0.00	39.66 -0.28 0.00	40.88 -0.29 0.00	41.61 -0.29 0.00	44.24 -0.31 0.00	50.60 -0.41 0.00	53.58 -0.21 0.00	55.19 -0.22 0.00	56.06 -0.11 0.00	45.68 -0.18 0.00	38.82 -0.31 0.00	34.77 -0.21 0.00
CLINTON_WT_PWR 323605	5.84 -1.71 25.36	4.92 -1.44 23.71	4.08 -1.36 22.41	4.39 -1.37 22.81	4.93 -1.33 22.62	11.96 -1.38 18.88	15.80 -1.66 23.97	19.79 -1.82 22.72	30.17 -1.84 12.87	40.10 -1.63 0.00	41.76 -1.47 0.00	39.74 -1.36 0.00	39.15 -1.34 0.00	38.74 -1.20 0.00	40.06 -1.11 0.00	40.81 -1.09 0.00	43.57 -0.98 0.00	49.79 -1.22 0.00	52.66 -1.13 0.00	54.25 -1.17 0.00	54.99 -1.18 0.00	44.95 -0.92 0.00	38.43 -0.70 0.00	34.28 -0.70 0.00
CLINTON___LFGE 323618	6.53 -1.22 25.17	5.55 -0.99 23.53	4.64 -0.98 22.24	4.93 -1.00 22.64	5.48 -0.95 22.45	12.52 -0.97 18.74	16.56 -1.08 23.78	20.63 -1.15 22.54	30.85 -1.26 12.78	40.69 -1.04 0.00	42.32 -0.91 0.00	40.23 -0.86 0.00	39.64 -0.85 0.00	39.26 -0.68 0.00	40.59 -0.58 0.00	41.35 -0.55 0.00	44.24 -0.31 0.00	50.66 -0.35 0.00	53.63 -0.16 0.00	55.25 -0.17 0.00	56.06 -0.11 0.00	45.73 -0.14 0.00	39.10 -0.04 0.00	34.81 -0.17 0.00
COBBLENY_34_KV_TB1 80064	32.82 -0.10 0.00	28.69 -1.38 0.00	26.52 -1.42 -0.08	27.34 -1.23 0.00	27.67 -1.21 0.00	30.97 -1.26 0.00	39.80 -1.62 0.00	42.11 -2.22 0.00	42.60 -2.29 0.00	39.52 -2.21 0.00	41.20 -2.03 0.00	39.25 -1.85 0.00	39.07 -1.42 0.00	37.94 -2.00 0.00	39.07 -2.10 0.00	39.81 -2.10 0.00	42.14 -2.41 0.00	47.65 -3.37 0.00	51.37 -2.42 0.00	52.86 -2.55 0.00	54.31 -1.85 0.00	44.17 -1.70 0.00	37.49 -1.64 0.00	34.59 -0.38 0.00
COFFEEN___115KV_TB3 355620	27.58 -0.76 4.58	25.09 -0.69 4.29	23.11 -0.72 4.03	23.79 -0.66 4.12	24.33 -0.46 4.09	28.36 -0.45 3.41	36.72 -0.37 4.33	39.74 -0.49 4.11	41.75 -0.81 2.33	40.65 -1.08 0.00	41.89 -1.34 0.00	39.58 -1.52 0.00	38.71 -1.78 0.00	38.34 -1.60 0.00	39.73 -1.44 0.00	40.64 -1.26 0.00	43.48 -1.07 0.00	50.35 -0.66 0.00	53.69 -0.11 0.00	55.80 0.39 0.00	56.90 0.73 0.00	46.19 0.32 0.00	38.94 -0.20 0.00	34.63 -0.35 0.00
COLDSPRG_115KV_BK1 355956	33.44 0.53 0.00	29.08 -0.99 0.00	26.83 -1.11 -0.09	27.86 -0.71 0.00	28.22 -0.66 0.00	31.68 -0.55 0.00	40.88 -0.54 0.00	43.67 -0.66 0.00	44.12 -0.76 0.00	40.90 -0.83 0.00	42.62 -0.61 0.00	40.81 -0.29 0.00	40.29 -0.20 0.00	39.10 -0.84 0.00	40.30 -0.86 0.00	41.10 -0.80 0.00	43.48 -1.07 0.00	49.33 -1.68 0.00	53.20 -0.59 0.00	54.75 -0.66 0.00	56.22 0.06 0.00	45.68 -0.18 0.00	38.75 -0.39 0.00	35.57 0.59 0.00
COLONIE_LFGE___ 323577	34.40 1.48 0.00	31.45 1.38 0.00	29.79 1.34 -0.59	29.94 1.37 0.00	30.21 1.33 0.00	33.71 1.48 0.00	43.24 1.82 0.00	46.37 2.04 0.00	46.91 2.02 0.00	43.61 1.88 0.00	45.08 1.86 0.00	42.86 1.77 0.00	42.19 1.70 0.00	41.66 1.72 0.00	42.94 1.77 0.00	43.66 1.76 0.00	46.37 1.83 0.00	53.10 2.09 0.00	55.73 1.93 0.00	57.57 2.16 0.00	58.13 1.96 0.00	47.57 1.70 0.00	40.82 1.68 0.00	36.27 1.29 0.00
COOPERNY_115KV_TB1 80082	34.23 1.32 0.00	31.33 1.26 0.00	29.39 1.17 -0.36	29.77 1.20 0.00	30.07 1.18 0.00	33.52 1.29 0.00	43.12 1.70 0.00	46.32 1.99 0.00	47.00 2.11 0.00	43.65 1.92 0.00	45.13 1.90 0.00	42.90 1.81 0.00	42.23 1.74 0.00	41.70 1.76 0.00	42.98 1.81 0.00	43.70 1.80 0.00	46.42 1.87 0.00	53.36 2.35 0.00	56.00 2.21 0.00	57.63 2.22 0.00	58.42 2.25 0.00	47.61 1.74 0.00	40.66 1.53 0.00	36.31 1.33 0.00
COPENHAGEN_WT_PWR 323753	27.75 -0.86 4.31	25.23 -0.81 4.03	23.24 -0.84 3.79	23.89 -0.80 3.88	24.40 -0.64 3.85	28.40 -0.61 3.21	36.72 -0.62 4.08	39.71 -0.75 3.86	41.70 -0.99 2.20	40.52 -1.21 0.00	41.80 -1.43 0.00	39.53 -1.56 0.00	38.75 -1.74 0.00	38.34 -1.60 0.00	39.73 -1.44 0.00	40.60 -1.30 0.00	43.35 -1.20 0.00	50.10 -0.92 0.00	53.31 -0.49 0.00	55.36 -0.06 0.00	56.39 0.23 0.00	45.82 -0.05 0.00	38.71 -0.43 0.00	34.42 -0.56 0.00
CORNELL_____ 23752	33.67 0.76 0.00	30.52 0.45 0.00	28.28 0.31 -0.11	28.94 0.37 0.00	29.35 0.46 0.00	32.84 0.61 0.00	42.41 0.99 0.00	45.39 1.06 0.00	45.83 0.94 0.00	42.48 0.75 0.00	43.88 0.65 0.00	41.67 0.58 0.00	41.06 0.57 0.00	40.38 0.44 0.00	41.62 0.45 0.00	42.36 0.46 0.00	45.26 0.71 0.00	51.98 0.97 0.00	55.25 1.45 0.00	57.02 1.61 0.00	58.08 1.91 0.00	47.20 1.33 0.00	40.04 0.90 0.00	35.85 0.87 0.00

CORONA__69_KV_TB1 355595	35.99 3.06 -0.02	32.78 2.71 0.00	30.87 2.54 -0.47	31.12 2.54 0.00	31.45 2.57 0.00	35.06 2.84 0.00	44.94 3.52 0.00	48.41 4.08 0.00	49.15 4.26 0.00	46.16 4.05 -0.38	72.22 3.72 -25.27	103.32 3.53 -58.69	104.79 3.44 -60.86	82.82 3.43 -39.44	85.02 3.54 -40.31	85.07 3.44 -39.74	77.80 3.61 -29.64	89.14 4.23 -33.89	89.60 4.03 -31.77	82.16 4.05 -22.70	81.63 4.16 -21.31	78.18 3.39 -28.92	44.64 3.25 -2.25	40.32 2.94 -2.40
CORTLAND__115KV_TB3 80093	33.44 0.53 0.00	30.34 0.27 0.00	28.12 0.17 -0.09	28.80 0.23 0.00	29.17 0.29 0.00	32.61 0.39 0.00	42.04 0.62 0.00	44.99 0.66 0.00	45.96 1.08 0.00	42.65 0.92 0.00	44.13 0.91 0.00	41.84 0.74 0.00	41.18 0.69 0.00	40.58 0.64 0.00	41.87 0.70 0.00	42.61 0.71 0.00	44.90 0.36 0.00	51.52 0.51 0.00	54.60 0.81 0.00	56.30 0.89 0.00	57.24 1.07 0.00	46.60 0.73 0.00	39.61 0.47 0.00	35.47 0.49 0.00
COXSACKIE__GT 23611	34.56 1.65 0.00	31.69 1.62 0.00	29.95 1.53 -0.56	30.11 1.54 0.00	30.41 1.53 0.00	33.93 1.71 0.00	43.70 2.28 0.00	46.86 2.53 0.00	47.22 2.33 0.00	43.52 1.79 0.00	44.83 1.60 0.00	42.45 1.35 0.00	41.62 1.13 0.00	41.14 1.20 0.00	42.45 1.28 0.00	43.16 1.26 0.00	45.97 1.43 0.00	52.90 1.89 0.00	55.84 2.04 0.00	57.68 2.27 0.00	58.19 2.02 0.00	47.61 1.74 0.00	40.86 1.72 0.00	36.31 1.33 0.00
CPV_VALLEY__CC1 323721	34.50 1.58 0.00	31.57 1.50 0.00	29.69 1.42 -0.41	30.00 1.43 0.00	30.30 1.41 0.00	33.74 1.52 0.00	43.49 2.07 0.00	46.77 2.44 0.00	47.44 2.56 0.00	44.06 2.34 0.00	45.56 2.33 0.00	43.31 2.22 0.00	42.63 2.14 0.00	42.10 2.16 0.00	43.43 2.26 0.00	44.08 2.18 0.00	46.82 2.27 0.00	53.82 2.80 0.00	56.43 2.64 0.00	58.02 2.60 0.00	58.81 2.64 0.00	47.88 2.02 0.00	40.94 1.80 0.00	36.55 1.58 0.00
CPV_VALLEY__CC2 323722	34.50 1.58 0.00	31.57 1.50 0.00	29.69 1.42 -0.41	30.00 1.43 0.00	30.30 1.41 0.00	33.74 1.52 0.00	43.49 2.07 0.00	46.77 2.44 0.00	47.44 2.56 0.00	44.06 2.34 0.00	45.56 2.33 0.00	43.31 2.22 0.00	42.63 2.14 0.00	42.10 2.16 0.00	43.43 2.26 0.00	44.08 2.18 0.00	46.82 2.27 0.00	53.82 2.80 0.00	56.43 2.64 0.00	58.02 2.60 0.00	58.81 2.64 0.00	47.88 2.02 0.00	40.94 1.80 0.00	36.55 1.58 0.00
CRESCENT__HYD 24018	34.40 1.48 0.00	31.45 1.38 0.00	29.79 1.34 -0.59	29.94 1.37 0.00	30.21 1.33 0.00	33.71 1.48 0.00	43.24 1.82 0.00	46.37 2.04 0.00	46.91 2.02 0.00	43.61 1.88 0.00	45.08 1.86 0.00	42.86 1.77 0.00	42.19 1.70 0.00	41.66 1.72 0.00	42.94 1.77 0.00	43.66 1.76 0.00	46.37 1.83 0.00	53.10 2.09 0.00	55.73 1.93 0.00	57.57 2.16 0.00	58.13 1.96 0.00	47.57 1.70 0.00	40.82 1.68 0.00	36.27 1.29 0.00
CRICKET__VALLEY_CC1 323756	34.63 1.71 0.00	31.72 1.65 0.00	29.94 1.59 -0.49	30.17 1.60 0.00	30.47 1.59 0.00	33.87 1.64 0.00	43.66 2.24 0.00	46.94 2.61 0.00	47.63 2.74 0.00	44.28 2.55 0.00	45.73 2.51 0.00	43.48 2.38 0.00	42.84 2.35 0.00	42.30 2.36 0.00	43.64 2.47 0.00	44.29 2.39 0.00	46.99 2.45 0.00	54.07 3.06 0.00	56.64 2.85 0.00	58.18 2.77 0.00	58.98 2.81 0.00	48.02 2.16 0.00	41.09 1.96 0.00	36.66 1.68 0.00
CRICKET__VALLEY_CC2 323757	34.63 1.71 0.00	31.72 1.65 0.00	29.94 1.59 -0.49	30.17 1.60 0.00	30.47 1.59 0.00	33.87 1.64 0.00	43.66 2.24 0.00	46.94 2.61 0.00	47.63 2.74 0.00	44.28 2.55 0.00	45.73 2.51 0.00	43.48 2.38 0.00	42.84 2.35 0.00	42.30 2.36 0.00	43.64 2.47 0.00	44.29 2.39 0.00	46.99 2.45 0.00	54.07 3.06 0.00	56.64 2.85 0.00	58.18 2.77 0.00	58.98 2.81 0.00	48.02 2.16 0.00	41.09 1.96 0.00	36.66 1.68 0.00
CRICKET__VALLEY_CC3 323758	34.63 1.71 0.00	31.72 1.65 0.00	29.94 1.59 -0.49	30.17 1.60 0.00	30.47 1.59 0.00	33.87 1.64 0.00	43.66 2.24 0.00	46.94 2.61 0.00	47.63 2.74 0.00	44.28 2.55 0.00	45.73 2.51 0.00	43.48 2.38 0.00	42.84 2.35 0.00	42.30 2.36 0.00	43.64 2.47 0.00	44.29 2.39 0.00	46.99 2.45 0.00	54.07 3.06 0.00	56.64 2.85 0.00	58.18 2.77 0.00	58.98 2.81 0.00	48.02 2.16 0.00	41.09 1.96 0.00	36.66 1.68 0.00
CRUCIBLE_METL_DRP 24180	32.88 -0.03 0.00	29.83 -0.24 0.00	27.63 -0.28 -0.04	28.29 -0.29 0.00	28.62 -0.26 0.00	32.03 -0.19 0.00	41.25 -0.17 0.00	44.11 -0.22 0.00	44.66 -0.22 0.00	41.56 -0.17 0.00	43.01 -0.22 0.00	40.89 -0.21 0.00	40.29 -0.20 0.00	39.66 -0.28 0.00	40.88 -0.29 0.00	41.61 -0.29 0.00	44.19 -0.36 0.00	50.60 -0.41 0.00	53.58 -0.22 0.00	55.14 -0.28 0.00	56.06 -0.11 0.00	45.64 -0.23 0.00	38.82 -0.31 0.00	34.77 -0.21 0.00
DAHOWA__HYDRO 323763	34.76 1.84 0.00	31.78 1.71 0.00	30.13 1.67 -0.60	30.29 1.71 0.00	30.56 1.67 0.00	34.13 1.90 0.00	43.49 2.07 0.00	46.59 2.26 0.00	47.00 2.11 0.00	43.69 1.96 0.00	45.22 1.99 0.00	42.95 1.85 0.00	42.23 1.74 0.00	41.66 1.72 0.00	42.90 1.73 0.00	43.66 1.76 0.00	46.37 1.83 0.00	53.10 2.09 0.00	55.84 2.04 0.00	57.74 2.33 0.00	58.42 2.25 0.00	47.79 1.93 0.00	41.33 2.19 0.00	36.76 1.78 0.00
DANC__LFGE 323619	29.36 -0.72 2.83	26.70 -0.72 2.65	24.63 -0.75 2.48	25.28 -0.74 2.55	25.75 -0.61 2.53	29.50 -0.61 2.11	38.04 -0.70 2.68	40.99 -0.80 2.54	42.46 -0.99 1.44	40.69 -1.04 0.00	42.02 -1.21 0.00	39.78 -1.32 0.00	39.07 -1.42 0.00	38.58 -1.36 0.00	39.89 -1.28 0.00	40.73 -1.17 0.00	43.39 -1.16 0.00	49.94 -1.07 0.00	53.09 -0.70 0.00	54.91 -0.50 0.00	55.94 -0.22 0.00	45.55 -0.32 0.00	38.55 -0.59 0.00	34.38 -0.59 0.00
DANSKAMMER__1 23586	34.92 2.01 0.00	32.00 1.93 0.00	30.14 1.81 -0.47	30.40 1.83 0.00	30.70 1.82 0.00	34.16 1.93 0.00	44.07 2.65 0.00	47.39 3.06 0.00	48.16 3.28 0.00	44.69 2.96 0.00	46.21 2.98 0.00	43.85 2.75 0.00	43.08 2.59 0.00	42.58 2.64 0.00	43.93 2.76 0.00	44.58 2.68 0.00	47.35 2.81 0.00	54.53 3.52 0.00	57.13 3.34 0.00	58.74 3.32 0.00	59.42 3.26 0.00	48.39 2.52 0.00	41.41 2.27 0.00	36.94 1.96 0.00
DANSKAMMER__2 23589	34.92 2.01 0.00	32.00 1.93 0.00	30.14 1.81 -0.47	30.40 1.83 0.00	30.70 1.82 0.00	34.16 1.93 0.00	44.07 2.65 0.00	47.39 3.06 0.00	48.16 3.28 0.00	44.69 2.96 0.00	46.21 2.98 0.00	43.85 2.75 0.00	43.08 2.59 0.00	42.58 2.64 0.00	43.93 2.76 0.00	44.58 2.68 0.00	47.35 2.81 0.00	54.53 3.52 0.00	57.13 3.34 0.00	58.74 3.32 0.00	59.42 3.26 0.00	48.39 2.52 0.00	41.41 2.27 0.00	36.94 1.96 0.00
DANSKAMMER__3 23590	34.92 2.01 0.00	32.00 1.93 0.00	30.14 1.81 -0.47	30.40 1.83 0.00	30.70 1.82 0.00	34.16 1.93 0.00	44.07 2.65 0.00	47.39 3.06 0.00	48.16 3.28 0.00	44.69 2.96 0.00	46.21 2.98 0.00	43.85 2.75 0.00	43.08 2.59 0.00	42.58 2.64 0.00	43.93 2.76 0.00	44.58 2.68 0.00	47.35 2.81 0.00	54.53 3.52 0.00	57.13 3.34 0.00	58.74 3.32 0.00	59.42 3.26 0.00	48.39 2.52 0.00	41.41 2.27 0.00	36.94 1.96 0.00

DANSKAMMER___4 23591	34.92 2.01 0.00	32.00 1.93 0.00	30.14 1.81 -0.47	30.40 1.83 0.00	30.70 1.82 0.00	34.16 1.93 0.00	44.07 2.65 0.00	47.39 3.06 0.00	48.16 3.28 0.00	44.69 2.96 0.00	46.21 2.98 0.00	43.85 2.75 0.00	43.08 2.59 0.00	42.58 2.64 0.00	43.93 2.76 0.00	44.58 2.68 0.00	47.35 2.81 0.00	54.53 3.52 0.00	57.13 3.34 0.00	58.74 3.32 0.00	59.42 3.26 0.00	48.39 2.52 0.00	41.41 2.27 0.00	36.94 1.96 0.00
DANSKAMMER___DIESEL 23592	34.92 2.01 0.00	32.00 1.92 0.00	30.14 1.81 -0.47	30.40 1.83 0.00	30.70 1.82 0.00	34.16 1.93 0.00	44.03 2.61 0.00	47.39 3.06 0.00	48.16 3.28 0.00	44.69 2.96 0.00	46.21 2.98 0.00	43.85 2.75 0.00	43.12 2.63 0.00	42.58 2.64 0.00	43.93 2.76 0.00	44.58 2.68 0.00	47.40 2.85 0.00	54.53 3.52 0.00	57.13 3.34 0.00	58.74 3.32 0.00	59.43 3.26 0.00	48.48 2.61 0.00	41.45 2.31 0.00	36.94 1.96 0.00
DARBY___SOLAR 323810	34.69 1.78 0.00	31.72 1.65 0.00	30.05 1.59 -0.60	30.23 1.66 0.00	30.47 1.59 0.00	34.03 1.80 0.00	43.41 1.99 0.00	46.50 2.17 0.00	46.95 2.07 0.00	43.65 1.92 0.00	45.13 1.90 0.00	42.90 1.81 0.00	42.19 1.70 0.00	41.66 1.72 0.00	42.90 1.73 0.00	43.62 1.72 0.00	46.37 1.83 0.00	53.10 2.09 0.00	55.84 2.04 0.00	57.68 2.27 0.00	58.36 2.19 0.00	47.75 1.88 0.00	41.21 2.07 0.00	36.66 1.68 0.00
DASHVILLE___HYD 23610	34.66 1.74 0.00	31.78 1.71 0.00	29.63 1.28 -0.48	30.17 1.60 0.00	30.47 1.59 0.00	33.90 1.68 0.00	43.62 2.20 0.00	46.95 2.62 0.00	47.63 2.74 0.00	44.19 2.46 0.00	45.69 2.46 0.00	43.36 2.26 0.00	42.59 2.11 0.00	42.10 2.16 0.00	43.43 2.26 0.00	44.08 2.18 0.00	46.86 2.32 0.00	53.92 2.91 0.00	56.54 2.74 0.00	58.13 2.72 0.00	58.81 2.64 0.00	47.98 2.11 0.00	41.05 1.92 0.00	36.59 1.61 0.00
DELAWARE___LFGE 323621	34.07 1.15 0.00	31.12 1.05 0.00	29.04 0.98 -0.20	29.60 1.03 0.00	29.95 1.07 0.00	33.42 1.19 0.00	42.95 1.53 0.00	46.06 1.73 0.00	46.68 1.80 0.00	43.36 1.63 0.00	44.87 1.64 0.00	42.62 1.52 0.00	41.91 1.42 0.00	41.34 1.40 0.00	42.65 1.48 0.00	43.37 1.47 0.00	46.11 1.56 0.00	53.00 1.99 0.00	55.73 1.94 0.00	57.52 2.11 0.00	58.42 2.25 0.00	47.66 1.79 0.00	40.55 1.41 0.00	36.24 1.26 0.00
DERFIELD_115KV_TB7 355931	34.24 0.10 -1.23	31.31 0.09 -1.15	29.03 0.08 -1.08	29.76 0.09 -1.10	30.07 0.09 -1.10	33.24 0.10 -0.91	42.70 0.12 -1.16	45.56 0.13 -1.10	45.69 0.18 -0.62	41.86 0.13 0.00	43.36 0.13 0.00	41.22 0.12 0.00	40.61 0.12 0.00	40.06 0.12 0.00	41.29 0.12 0.00	42.03 0.13 0.00	44.68 0.13 0.00	51.22 0.20 0.00	53.96 0.16 0.00	55.58 0.17 0.00	56.34 0.17 0.00	46.01 0.14 0.00	39.25 0.12 0.00	35.08 0.10 0.00
DOGLEVILLE___HYD 23807	32.89 -1.25 -1.23	30.11 -1.11 -1.15	27.92 -1.03 -1.08	28.62 -1.06 -1.10	28.94 -1.04 -1.10	32.01 -1.13 -0.91	41.13 -1.45 -1.16	43.97 -1.46 -1.10	44.03 -1.48 -0.62	40.35 -1.38 0.00	41.84 -1.38 0.00	39.86 -1.23 0.00	39.23 -1.26 0.00	38.78 -1.16 0.00	40.06 -1.11 0.00	40.81 -1.09 0.00	43.48 -1.07 0.00	49.89 -1.12 0.00	52.72 -1.08 0.00	54.41 -1.00 0.00	55.27 -0.90 0.00	45.18 -0.69 0.00	38.55 -0.59 0.00	34.45 -0.52 0.00
DUNKIRK___115KV_TB_200 55889	32.95 0.03 0.00	28.87 -1.20 0.00	26.74 -1.20 -0.08	27.60 -0.97 0.00	27.96 -0.92 0.00	31.33 -0.90 0.00	40.30 -1.12 0.00	42.96 -1.37 0.00	43.41 -1.48 0.00	40.31 -1.42 0.00	42.02 -1.21 0.00	40.40 -0.70 0.00	39.60 -0.89 0.00	38.46 -1.48 0.00	39.65 -1.52 0.00	40.39 -1.51 0.00	42.76 -1.78 0.00	48.51 -2.50 0.00	52.23 -1.56 0.00	53.81 -1.61 0.00	55.27 -0.90 0.00	44.95 -0.92 0.00	38.16 -0.98 0.00	35.12 0.14 0.00
DUNKIRK___1 23563	32.95 0.03 0.00	28.87 -1.20 0.00	26.74 -1.20 -0.08	27.60 -0.97 0.00	27.96 -0.92 0.00	31.33 -0.90 0.00	40.30 -1.12 0.00	42.96 -1.37 0.00	43.41 -1.48 0.00	40.31 -1.42 0.00	42.02 -1.21 0.00	40.40 -0.70 0.00	39.60 -0.89 0.00	38.46 -1.48 0.00	39.65 -1.52 0.00	40.39 -1.51 0.00	42.76 -1.78 0.00	48.51 -2.50 0.00	52.23 -1.56 0.00	53.81 -1.61 0.00	55.27 -0.90 0.00	44.95 -0.92 0.00	38.16 -0.98 0.00	35.12 0.14 0.00
DUNKIRK___2 23564	32.95 0.03 0.00	28.87 -1.20 0.00	26.74 -1.20 -0.08	27.60 -0.97 0.00	27.96 -0.92 0.00	31.33 -0.90 0.00	40.30 -1.12 0.00	42.96 -1.37 0.00	43.41 -1.48 0.00	40.31 -1.42 0.00	42.02 -1.21 0.00	40.40 -0.70 0.00	39.60 -0.89 0.00	38.46 -1.48 0.00	39.65 -1.52 0.00	40.39 -1.51 0.00	42.76 -1.78 0.00	48.51 -2.50 0.00	52.23 -1.56 0.00	53.81 -1.61 0.00	55.27 -0.90 0.00	44.95 -0.92 0.00	38.16 -0.98 0.00	35.12 0.14 0.00
DUNKIRK___3 23565	32.82 -0.10 0.00	28.78 -1.29 0.00	26.66 -1.28 -0.08	27.49 -1.09 0.00	27.84 -1.04 0.00	31.16 -1.06 0.00	40.09 -1.33 0.00	42.42 -1.91 0.00	42.91 -1.98 0.00	39.85 -1.88 0.00	41.50 -1.73 0.00	39.86 -1.23 0.00	39.36 -1.13 0.00	38.26 -1.68 0.00	39.40 -1.77 0.00	40.14 -1.76 0.00	42.50 -2.05 0.00	48.16 -2.86 0.00	51.86 -1.94 0.00	53.36 -2.05 0.00	54.82 -1.35 0.00	44.63 -1.24 0.00	37.88 -1.25 0.00	34.87 -0.10 0.00
DUNKIRK___4 23566	32.82 -0.10 0.00	28.78 -1.29 0.00	26.66 -1.28 -0.08	27.49 -1.09 0.00	27.84 -1.04 0.00	31.16 -1.06 0.00	40.09 -1.33 0.00	42.42 -1.91 0.00	42.91 -1.98 0.00	39.85 -1.88 0.00	41.50 -1.73 0.00	39.04 -2.05 0.00	39.36 -1.13 0.00	38.22 -1.72 0.00	39.36 -1.81 0.00	40.14 -1.76 0.00	42.50 -2.05 0.00	48.16 -2.86 0.00	51.86 -1.94 0.00	53.36 -2.05 0.00	54.82 -1.35 0.00	44.63 -1.24 0.00	37.88 -1.25 0.00	34.87 -0.10 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.09 2.17 0.00	32.12 2.04 0.00	30.28 1.95 -0.47	30.54 1.97 0.00	30.82 1.94 0.00	34.29 2.06 0.00	44.20 2.78 0.00	47.70 3.37 0.00	48.43 3.55 0.00	45.03 3.30 -0.01	46.47 3.24 0.00	44.22 3.12 0.00	43.53 3.04 0.00	42.98 3.04 0.00	44.34 3.17 0.00	45.00 3.10 0.00	47.80 3.25 0.00	54.94 3.93 0.00	57.51 3.71 0.00	59.07 3.66 0.00	59.82 3.65 0.00	48.76 2.89 0.00	41.68 2.54 0.00	37.18 2.20 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.76 1.84 0.00	31.84 1.77 0.00	29.99 1.67 -0.45	30.26 1.69 0.00	30.56 1.68 0.00	34.00 1.77 0.00	43.82 2.40 0.00	47.17 2.84 0.00	47.89 3.01 0.00	44.48 2.75 0.00	45.95 2.72 0.00	43.64 2.55 0.00	42.92 2.43 0.00	42.38 2.44 0.00	43.72 2.55 0.00	44.41 2.51 0.00	47.17 2.63 0.00	54.28 3.26 0.00	56.86 3.07 0.00	58.52 3.10 0.00	59.20 3.03 0.00	48.25 2.39 0.00	41.25 2.11 0.00	36.80 1.82 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.36 1.45 0.00	31.48 1.41 0.00	29.72 1.39 -0.47	29.86 1.29 0.00	30.13 1.24 0.00	33.61 1.39 0.00	43.33 1.91 0.00	46.86 2.53 0.00	47.54 2.65 0.00	44.07 2.34 0.00	45.69 2.46 0.00	43.36 2.26 0.00	42.72 2.23 0.00	42.14 2.20 0.00	43.56 2.39 0.00	44.20 2.30 0.00	46.86 2.32 0.00	53.87 2.86 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.71 3.54 0.00	48.67 2.80 0.00	41.60 2.47 0.00	37.11 2.13 0.00

E179THST_13_KV_LOAD 356214	34.50 1.58 0.00	31.60 1.53 0.00	29.83 1.50 -0.47	29.97 1.40 0.00	30.24 1.36 0.00	33.71 1.48 0.00	43.49 2.07 0.00	47.08 2.75 0.00	47.76 2.87 0.00	44.27 2.55 0.00	45.91 2.68 0.00	43.56 2.47 0.00	42.92 2.43 0.00	42.34 2.40 0.00	43.76 2.59 0.00	44.41 2.51 0.00	47.09 2.54 0.00	54.18 3.16 0.00	57.67 3.87 0.00	59.24 3.82 0.00	59.99 3.82 0.00	48.89 3.03 0.00	41.76 2.62 0.00	37.29 2.31 0.00
EAST HAMPTON___GT 23717	35.99 3.06 -0.01	32.72 2.65 0.00	30.95 2.62 -0.47	31.17 2.60 0.00	31.57 2.69 0.00	35.13 2.90 0.00	45.19 3.77 0.00	48.18 3.85 0.00	49.06 4.18 0.00	45.76 4.01 -0.02	47.86 3.24 -1.39	47.23 2.92 -3.22	46.66 2.83 -3.34	45.02 2.91 -2.17	46.47 3.09 -2.21	46.97 2.89 -2.18	49.16 2.98 -1.63	56.80 3.93 -1.86	59.25 3.71 -1.75	60.43 3.77 -1.25	61.05 3.71 -1.17	50.44 2.98 -1.59	42.21 2.94 -0.14	38.17 3.04 -0.15
EAST RIVER___6 23660	35.29 2.37 0.00	32.30 2.23 0.00	30.42 2.09 -0.47	30.69 2.11 0.00	30.96 2.08 0.00	34.45 2.22 0.00	44.65 3.23 0.00	48.18 3.85 0.00	48.93 4.04 0.00	45.51 3.76 -0.02	46.99 3.76 0.00	44.71 3.62 0.00	44.01 3.52 0.00	43.49 3.55 0.00	44.88 3.71 0.00	45.50 3.60 0.00	48.24 3.70 0.00	55.50 4.49 0.00	57.94 4.14 0.00	59.40 3.99 0.00	60.21 4.05 0.00	48.94 3.07 0.00	41.88 2.74 0.00	37.39 2.41 0.00
EAST RIVER___7 23524	35.29 2.37 0.00	32.30 2.23 0.00	30.42 2.09 -0.47	30.69 2.11 0.00	30.96 2.08 0.00	34.45 2.22 0.00	44.65 3.23 0.00	48.18 3.85 0.00	48.93 4.04 0.00	45.51 3.76 -0.02	46.99 3.76 0.00	44.71 3.62 0.00	44.01 3.52 0.00	43.49 3.55 0.00	44.88 3.71 0.00	45.50 3.60 0.00	48.24 3.70 0.00	55.50 4.49 0.00	57.94 4.14 0.00	59.40 3.99 0.00	60.21 4.05 0.00	48.94 3.07 0.00	41.88 2.74 0.00	37.39 2.41 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.92 2.01 0.00	32.00 1.92 0.00	30.14 1.81 -0.47	30.40 1.83 0.00	30.70 1.82 0.00	34.16 1.93 0.00	44.03 2.61 0.00	47.48 3.15 0.00	48.21 3.32 0.00	44.81 3.09 0.01	46.30 3.07 0.00	44.01 2.92 0.00	43.32 2.83 0.00	42.82 2.88 0.00	44.13 2.96 0.00	44.83 2.93 0.00	47.58 3.03 0.00	54.74 3.72 0.00	57.29 3.50 0.00	58.90 3.49 0.00	59.65 3.48 0.00	48.62 2.75 0.00	41.56 2.43 0.00	37.08 2.10 0.00
EAST_HAMPTON___DIESEL 23722	35.89 2.96 -0.01	32.63 2.55 0.00	30.89 2.56 -0.47	31.11 2.54 0.00	31.51 2.63 0.00	35.06 2.84 0.00	45.11 3.69 0.00	48.10 3.77 0.00	48.97 4.08 0.00	45.67 3.92 -0.02	47.73 3.11 -1.39	47.11 2.80 -3.22	46.54 2.71 -3.34	44.90 2.79 -2.17	46.35 2.97 -2.21	46.85 2.76 -2.18	49.03 2.85 -1.63	56.70 3.83 -1.86	59.09 3.55 -1.75	60.26 3.60 -1.25	60.88 3.54 -1.17	50.30 2.84 -1.59	42.10 2.82 -0.14	38.10 2.97 -0.15
EAST_POINT___SOLAR 323840	35.75 2.83 0.00	32.60 2.53 0.00	30.94 2.42 -0.66	31.11 2.54 0.00	31.40 2.51 0.00	35.19 2.96 0.00	45.27 3.85 0.00	48.36 4.03 0.00	48.88 3.99 0.00	45.19 3.46 0.00	46.77 3.55 0.00	44.26 3.16 0.00	43.36 2.88 0.00	42.78 2.84 0.00	44.05 2.88 0.00	44.83 2.93 0.00	47.76 3.21 0.00	54.43 3.42 0.00	58.15 4.36 0.00	60.12 4.71 0.00	61.00 4.83 0.00	50.08 4.22 0.00	42.66 3.52 0.00	37.99 3.01 0.00
EAST_PULASKI___ESR 323781	31.00 -0.53 1.39	28.14 -0.63 1.30	26.03 -0.64 1.19	26.69 -0.63 1.25	27.07 -0.58 1.24	30.61 -0.58 1.03	39.44 -0.66 1.31	42.29 -0.80 1.24	43.28 -0.90 0.71	40.85 -0.88 0.00	42.28 -0.95 0.00	40.11 -0.99 0.00	39.48 -1.01 0.00	38.90 -1.04 0.00	40.14 -1.03 0.00	40.89 -1.01 0.00	43.52 -1.02 0.00	49.94 -1.07 0.00	52.93 -0.86 0.00	54.64 -0.78 0.00	55.61 -0.56 0.00	45.32 -0.55 0.00	38.43 -0.70 0.00	34.38 -0.59 0.00
EAST_RIVER___1 323558	35.25 2.34 0.00	32.26 2.19 0.00	30.39 2.06 -0.47	30.66 2.08 0.00	30.93 2.05 0.00	34.42 2.19 0.00	44.53 3.11 0.00	48.05 3.72 0.00	48.79 3.90 0.00	45.34 3.59 -0.02	46.81 3.59 0.00	44.55 3.45 0.00	43.85 3.36 0.00	43.33 3.39 0.00	44.67 3.50 0.00	45.34 3.44 0.00	48.06 3.52 0.00	55.24 4.23 0.00	57.72 3.92 0.00	59.23 3.82 0.00	60.04 3.87 0.00	48.85 2.98 0.00	41.80 2.66 0.00	37.32 2.34 0.00
EAST_RIVER___2 323559	35.29 2.37 0.00	32.30 2.23 0.00	30.42 2.09 -0.47	30.69 2.11 0.00	30.96 2.08 0.00	34.45 2.22 0.00	44.65 3.23 0.00	48.18 3.85 0.00	48.93 4.04 0.00	45.51 3.76 -0.02	46.99 3.76 0.00	44.71 3.62 0.00	44.01 3.52 0.00	43.49 3.55 0.00	44.88 3.71 0.00	45.50 3.60 0.00	48.24 3.70 0.00	55.50 4.49 0.00	57.94 4.14 0.00	59.40 3.99 0.00	60.21 4.05 0.00	48.94 3.07 0.00	41.88 2.74 0.00	37.39 2.41 0.00
EAST___DELAWARE_HYD 23607	34.86 1.94 0.00	31.94 1.87 0.00	30.02 1.73 -0.43	30.32 1.74 0.00	30.62 1.73 0.00	34.13 1.90 0.00	44.03 2.61 0.00	47.30 2.97 0.00	48.03 3.14 0.00	44.53 2.80 0.00	46.00 2.77 0.00	43.60 2.51 0.00	42.84 2.35 0.00	42.30 2.36 0.00	43.64 2.47 0.00	44.33 2.43 0.00	47.13 2.58 0.00	54.33 3.31 0.00	57.08 3.28 0.00	58.68 3.27 0.00	59.37 3.20 0.00	48.34 2.48 0.00	41.33 2.19 0.00	36.87 1.89 0.00
EIGHT_POINT___WT_PWR 323820	32.59 -0.33 0.00	28.99 -1.08 0.00	26.93 -1.03 -0.10	27.69 -0.89 0.00	28.19 -0.69 0.00	31.78 -0.45 0.00	41.21 -0.21 0.00	43.93 -0.40 0.00	44.48 -0.40 0.00	41.19 -0.54 0.00	42.71 -0.52 0.00	40.56 -0.54 0.00	40.00 -0.48 0.00	39.06 -0.88 0.00	40.22 -0.95 0.00	40.94 -0.96 0.00	43.52 -1.02 0.00	49.84 -1.17 0.00	53.63 -0.16 0.00	55.52 0.11 0.00	56.73 0.56 0.00	46.19 0.32 0.00	38.98 -0.16 0.00	35.40 0.42 0.00
ELBRIDGE_115KV_TB2 80188	32.69 -0.23 0.00	29.65 -0.42 0.00	27.46 -0.45 -0.05	28.12 -0.46 0.00	28.48 -0.40 0.00	31.84 -0.39 0.00	41.01 -0.41 0.00	43.80 -0.53 0.00	44.35 -0.54 0.00	41.23 -0.50 0.00	42.71 -0.52 0.00	40.56 -0.53 0.00	40.00 -0.49 0.00	39.38 -0.56 0.00	40.59 -0.58 0.00	41.27 -0.63 0.00	43.88 -0.67 0.00	50.20 -0.82 0.00	53.20 -0.59 0.00	54.75 -0.66 0.00	55.66 -0.51 0.00	45.36 -0.50 0.00	38.59 -0.55 0.00	34.56 -0.42 0.00
ELEC_TRO_TEK 24086	35.73 2.80 -0.02	32.57 2.50 0.00	30.70 2.37 -0.47	30.94 2.37 0.00	31.28 2.40 0.00	34.84 2.61 0.00	44.65 3.23 0.00	48.05 3.72 0.00	48.84 3.95 0.00	45.67 3.80 -0.15	56.81 3.46 -10.13	67.93 3.33 -23.51	68.10 3.24 -24.38	58.98 3.24 -15.80	60.61 3.29 -16.15	61.05 3.23 -15.92	59.81 3.39 -11.88	68.52 3.93 -13.58	70.29 3.77 -12.73	68.22 3.71 -9.10	68.53 3.82 -8.54	60.58 3.12 -11.59	43.06 2.97 -0.95	38.72 2.73 -1.01
ELLENBURG_WT_PWR 323604	5.84 -1.71 25.36	4.92 -1.44 23.71	4.08 -1.36 22.41	4.39 -1.37 22.81	4.93 -1.33 22.62	11.96 -1.38 18.88	15.80 -1.66 23.97	19.79 -1.82 22.72	30.17 -1.84 12.87	40.10 -1.63 0.00	41.76 -1.47 0.00	39.74 -1.36 0.00	39.15 -1.34 0.00	38.74 -1.20 0.00	40.06 -1.11 0.00	40.81 -1.09 0.00	43.57 -0.98 0.00	49.79 -1.22 0.00	52.66 -1.13 0.00	54.25 -1.17 0.00	54.99 -1.18 0.00	44.95 -0.92 0.00	38.43 -0.70 0.00	34.28 -0.70 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.52 -0.39 0.00	28.57 -1.50 0.00	26.49 -1.45 -0.08	27.23 -1.34 0.00	27.55 -1.33 0.00	30.81 -1.42 0.00	39.56 -1.86 0.00	41.76 -2.57 0.00	42.19 -2.69 0.00	39.23 -2.50 0.00	40.89 -2.33 0.00	38.96 -2.14 0.00	38.83 -1.66 0.00	37.70 -2.24 0.00	38.82 -2.35 0.00	39.47 -2.43 0.00	41.78 -2.76 0.00	47.24 -3.77 0.00	50.89 -2.90 0.00	52.36 -3.05 0.00	53.81 -2.36 0.00	43.80 -2.06 0.00	37.22 -1.92 0.00	34.38 -0.59 0.00
EMPIRE_CC_1 323656	34.30 1.38 0.00	31.39 1.32 0.00	29.71 1.28 -0.57	29.89 1.32 0.00	30.15 1.27 0.00	33.61 1.38 0.00	43.16 1.74 0.00	46.33 2.00 0.00	46.86 1.97 0.00	43.56 1.83 0.00	45.04 1.82 0.00	42.82 1.73 0.00	42.15 1.66 0.00	41.62 1.68 0.00	42.90 1.73 0.00	43.62 1.72 0.00	46.37 1.83 0.00	53.10 2.09 0.00	55.62 1.83 0.00	57.46 2.05 0.00	58.02 1.85 0.00	47.47 1.60 0.00	40.66 1.52 0.00	36.17 1.19 0.00
EMPIRE_CC_2 323658	34.30 1.38 0.00	31.39 1.32 0.00	29.71 1.28 -0.57	29.89 1.32 0.00	30.15 1.27 0.00	33.61 1.38 0.00	43.16 1.74 0.00	46.33 2.00 0.00	46.86 1.97 0.00	43.56 1.83 0.00	45.04 1.82 0.00	42.82 1.73 0.00	42.15 1.66 0.00	41.62 1.68 0.00	42.90 1.73 0.00	43.62 1.72 0.00	46.37 1.83 0.00	53.10 2.09 0.00	55.62 1.83 0.00	57.46 2.05 0.00	58.02 1.85 0.00	47.47 1.60 0.00	40.66 1.52 0.00	36.17 1.19 0.00
ENORWICH_115KV_TB1 80156	34.46 1.55 0.00	31.36 1.29 0.00	29.10 1.09 -0.15	29.83 1.26 0.00	30.44 1.56 0.00	34.10 1.87 0.00	44.15 2.73 0.00	47.21 2.88 0.00	48.84 3.95 0.00	44.94 3.21 0.00	46.30 3.07 0.00	43.89 2.79 0.00	42.88 2.39 0.00	42.22 2.28 0.00	43.64 2.47 0.00	44.67 2.77 0.00	48.07 3.52 0.00	55.96 4.95 0.00	59.71 5.92 0.00	61.95 6.54 0.00	63.25 7.08 0.00	51.23 5.37 0.00	43.13 3.99 0.00	38.41 3.43 0.00
ERIE_ST__34_KV_TB1-2 80199	32.65 -0.26 0.00	28.57 -1.50 0.00	26.27 -1.67 -0.08	27.23 -1.34 0.00	27.55 -1.33 0.00	30.87 -1.35 0.00	39.72 -1.70 0.00	42.11 -2.22 0.00	42.60 -2.29 0.00	39.52 -2.21 0.00	41.20 -2.03 0.00	39.25 -1.85 0.00	39.03 -1.46 0.00	37.90 -2.04 0.00	39.07 -2.10 0.00	39.81 -2.10 0.00	42.10 -2.45 0.00	47.65 -3.37 0.00	51.37 -2.42 0.00	52.81 -2.60 0.00	54.20 -1.97 0.00	44.08 -1.79 0.00	37.42 -1.72 0.00	34.49 -0.49 0.00
ERIE_WT_PWR 323693	32.72 -0.20 0.00	28.66 -1.41 0.00	26.63 -1.31 -0.08	27.32 -1.26 0.00	27.64 -1.24 0.00	30.94 -1.29 0.00	39.72 -1.70 0.00	42.02 -2.31 0.00	42.46 -2.42 0.00	39.48 -2.25 0.00	41.11 -2.12 0.00	39.12 -1.97 0.00	38.95 -1.54 0.00	37.82 -2.12 0.00	38.90 -2.26 0.00	39.68 -2.22 0.00	42.10 -2.45 0.00	47.54 -3.47 0.00	51.21 -2.58 0.00	52.92 -2.49 0.00	54.15 -2.02 0.00	44.31 -1.56 0.00	37.42 -1.72 0.00	34.52 -0.46 0.00
ESPRGFLD_115KV_TB1 80157	34.96 2.04 0.00	31.90 1.83 0.00	29.54 1.70 0.02	30.37 1.80 0.00	30.73 1.85 0.00	34.39 2.16 0.00	44.28 2.86 0.00	47.39 3.06 0.00	48.88 3.99 0.00	45.19 3.46 0.00	46.77 3.54 0.00	44.30 3.21 0.00	43.53 3.04 0.00	42.94 3.00 0.00	44.09 2.92 0.00	44.88 2.97 0.00	47.84 3.30 0.00	54.79 3.77 0.00	58.26 4.46 0.00	59.18 3.77 0.00	60.10 3.93 0.00	49.22 3.35 0.00	41.80 2.66 0.00	37.29 2.31 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.64 0.72 0.00	30.46 0.39 0.00	28.25 0.28 -0.11	28.92 0.34 0.00	29.32 0.43 0.00	32.81 0.58 0.00	42.33 0.91 0.00	45.31 0.98 0.00	45.74 0.85 0.00	42.40 0.67 0.00	43.79 0.56 0.00	41.59 0.49 0.00	40.97 0.49 0.00	40.30 0.36 0.00	41.58 0.41 0.00	42.28 0.38 0.00	45.17 0.62 0.00	51.88 0.87 0.00	55.14 1.34 0.00	56.91 1.50 0.00	57.91 1.74 0.00	47.11 1.24 0.00	39.96 0.82 0.00	35.78 0.80 0.00
ETNA____115KV_TB2 80207	33.64 0.72 0.00	30.46 0.39 0.00	28.25 0.28 -0.11	28.92 0.34 0.00	29.32 0.43 0.00	32.81 0.58 0.00	42.33 0.91 0.00	45.31 0.98 0.00	45.74 0.85 0.00	42.40 0.67 0.00	43.79 0.56 0.00	41.59 0.49 0.00	40.97 0.49 0.00	40.30 0.36 0.00	41.58 0.41 0.00	42.28 0.38 0.00	45.17 0.62 0.00	51.88 0.87 0.00	55.14 1.34 0.00	56.91 1.50 0.00	57.91 1.74 0.00	47.11 1.24 0.00	39.96 0.82 0.00	35.78 0.80 0.00
EUCLID___115KV_TB2 356179	32.65 -0.26 0.00	29.62 -0.45 0.00	27.46 -0.45 -0.04	28.12 -0.46 0.00	28.45 -0.43 0.00	31.81 -0.42 0.00	40.92 -0.50 0.00	43.71 -0.62 0.00	44.26 -0.63 0.00	41.19 -0.54 0.00	42.67 -0.56 0.00	40.56 -0.53 0.00	40.00 -0.49 0.00	39.34 -0.60 0.00	40.55 -0.62 0.00	41.27 -0.63 0.00	43.83 -0.71 0.00	50.15 -0.87 0.00	53.10 -0.70 0.00	54.64 -0.78 0.00	55.49 -0.67 0.00	45.27 -0.60 0.00	38.51 -0.63 0.00	34.52 -0.45 0.00
E_CANADA_CAP_HY 24051	35.55 2.63 0.00	32.42 2.35 0.00	30.78 2.23 -0.69	30.92 2.34 0.00	31.22 2.34 0.00	34.97 2.74 0.00	44.90 3.48 0.00	48.05 3.72 0.00	48.84 3.95 0.00	45.11 3.38 0.00	46.69 3.46 0.00	44.22 3.12 0.00	43.41 2.92 0.00	42.86 2.91 0.00	43.93 2.76 0.00	44.75 2.85 0.00	47.66 3.12 0.00	54.58 3.57 0.00	58.10 4.31 0.00	59.68 4.27 0.00	60.49 4.33 0.00	49.81 3.95 0.00	42.43 3.29 0.00	37.78 2.80 0.00
E_CANADA_MHWK_HY 24050	32.89 -1.25 -1.23	30.11 -1.11 -1.15	27.92 -1.03 -1.08	28.62 -1.06 -1.10	28.94 -1.04 -1.10	32.01 -1.13 -0.91	41.13 -1.45 -1.16	43.97 -1.46 -1.10	44.03 -1.48 -0.62	40.35 -1.38 0.00	41.84 -1.38 0.00	39.86 -1.23 0.00	39.23 -1.26 0.00	38.78 -1.16 0.00	40.06 -1.11 0.00	40.81 -1.09 0.00	43.48 -1.07 0.00	49.89 -1.12 0.00	52.72 -1.08 0.00	54.42 -1.00 0.00	55.27 -0.90 0.00	45.18 -0.69 0.00	38.55 -0.59 0.00	34.46 -0.52 0.00
E_FISHKILL___LBMP 23776	34.79 1.88 0.00	31.84 1.77 0.00	30.04 1.70 -0.48	30.29 1.71 0.00	30.56 1.68 0.00	34.03 1.80 0.00	43.78 2.36 0.00	47.17 2.84 0.00	47.89 3.01 0.00	44.53 2.80 0.00	45.99 2.77 0.00	43.73 2.63 0.00	43.04 2.55 0.00	42.50 2.56 0.00	43.85 2.68 0.00	44.54 2.64 0.00	47.26 2.72 0.00	54.33 3.32 0.00	56.86 3.07 0.00	58.46 3.05 0.00	59.20 3.03 0.00	48.25 2.39 0.00	41.25 2.11 0.00	36.80 1.82 0.00
FALCON___SEABRD_CC1 323796	6.50 -1.18 25.23	5.52 -0.96 23.59	4.64 -0.92 22.30	4.93 -0.94 22.70	5.45 -0.93 22.51	12.51 -0.94 18.79	16.54 -1.03 23.84	20.58 -1.15 22.60	30.91 -1.17 12.81	40.73 -1.00 0.00	42.36 -0.86 0.00	40.31 -0.78 0.00	39.72 -0.77 0.00	39.34 -0.60 0.00	40.68 -0.49 0.00	41.48 -0.42 0.00	44.32 -0.22 0.00	50.71 -0.30 0.00	53.69 -0.11 0.00	55.30 -0.11 0.00	56.11 -0.06 0.00	45.78 -0.09 0.00	39.18 0.04 0.00	34.91 -0.07 0.00
FALCON___SEABRD_CC2 323797	6.50 -1.18 25.23	5.52 -0.96 23.59	4.64 -0.92 22.30	4.93 -0.94 22.70	5.45 -0.93 22.51	12.51 -0.94 18.79	16.54 -1.03 23.84	20.58 -1.15 22.60	30.91 -1.17 12.81	40.73 -1.00 0.00	42.36 -0.86 0.00	40.31 -0.78 0.00	39.72 -0.77 0.00	39.34 -0.60 0.00	40.68 -0.49 0.00	41.48 -0.42 0.00	44.32 -0.22 0.00	50.71 -0.30 0.00	53.69 -0.11 0.00	55.30 -0.11 0.00	56.11 -0.06 0.00	45.78 -0.09 0.00	39.18 0.04 0.00	34.91 -0.07 0.00

FAR ROCKAWAY___4 23548	36.26 3.32 -0.01	32.99 2.92 0.00	31.06 2.73 -0.47	31.32 2.74 0.00	31.66 2.77 0.00	35.32 3.09 0.00	45.23 3.81 0.00	48.76 4.43 0.00	49.51 4.62 0.00	46.55 4.42 -0.40	73.59 4.11 -26.26	105.99 3.90 -60.99	107.53 3.81 -63.23	84.72 3.79 -40.98	86.96 3.91 -41.88	87.00 3.81 -41.29	79.35 4.01 -30.80	90.92 4.69 -35.21	91.38 4.57 -33.01	83.54 4.54 -23.58	82.97 4.66 -22.14	79.72 3.81 -30.05	45.03 3.56 -2.34	40.68 3.22 -2.48
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.25 2.34 0.00	32.27 2.20 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.91 2.02 0.00	34.42 2.19 0.00	44.40 2.98 0.00	48.01 3.68 0.00	48.75 3.86 0.00	45.30 3.55 -0.02	46.77 3.54 0.00	44.47 3.37 0.00	43.81 3.32 0.00	43.26 3.32 0.00	44.59 3.42 0.00	45.29 3.39 0.00	48.02 3.47 0.00	55.20 4.18 0.00	57.67 3.87 0.00	59.24 3.82 0.00	59.99 3.82 0.00	48.89 3.03 0.00	41.80 2.66 0.00	37.32 2.34 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.25 2.34 0.00	32.27 2.20 0.00	30.39 2.06 -0.47	30.66 2.09 0.00	30.93 2.05 0.00	34.42 2.19 0.00	44.44 3.02 0.00	48.01 3.68 0.00	48.75 3.86 0.00	45.30 3.55 -0.02	46.77 3.54 0.00	44.47 3.37 0.00	43.81 3.32 0.00	43.26 3.32 0.00	44.63 3.46 0.00	45.29 3.39 0.00	48.02 3.47 0.00	55.20 4.18 0.00	57.72 3.93 0.00	59.24 3.82 0.00	59.99 3.82 0.00	48.94 3.07 0.00	41.84 2.70 0.00	37.32 2.34 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.22 2.30 0.00	32.24 2.17 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.91 2.02 0.00	34.39 2.16 0.00	44.40 2.98 0.00	48.01 3.68 0.00	48.70 3.82 0.00	45.30 3.55 -0.02	46.77 3.54 0.00	44.47 3.37 0.00	43.77 3.28 0.00	43.26 3.32 0.00	44.59 3.42 0.00	45.25 3.35 0.00	48.02 3.47 0.00	55.20 4.18 0.00	57.67 3.87 0.00	59.18 3.77 0.00	59.93 3.76 0.00	48.89 3.03 0.00	41.80 2.66 0.00	37.29 2.31 0.00
FARRAGUT___LBMP 323566	35.22 2.30 0.00	32.24 2.17 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.91 2.02 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.97 3.64 0.00	48.70 3.82 0.00	45.26 3.51 -0.02	46.73 3.50 0.00	44.42 3.33 0.00	43.73 3.24 0.00	43.22 3.28 0.00	44.55 3.38 0.00	45.21 3.31 0.00	47.98 3.43 0.00	55.14 4.13 0.00	57.61 3.82 0.00	59.18 3.77 0.00	59.93 3.76 0.00	48.85 2.98 0.00	41.76 2.62 0.00	37.29 2.31 0.00
FENNER___WINDPWR 24204	33.41 0.49 0.00	30.40 0.33 0.00	28.20 0.28 -0.06	28.89 0.31 0.00	29.26 0.37 0.00	32.71 0.48 0.00	42.17 0.75 0.00	45.13 0.80 0.00	45.92 1.03 0.00	42.61 0.88 0.00	44.09 0.86 0.00	41.79 0.70 0.00	41.06 0.57 0.00	40.50 0.56 0.00	41.83 0.66 0.00	42.61 0.71 0.00	45.12 0.58 0.00	51.83 0.81 0.00	54.87 1.08 0.00	56.63 1.22 0.00	57.51 1.35 0.00	46.88 1.01 0.00	39.76 0.62 0.00	35.54 0.56 0.00
FIBERTEK___ENERGY 23856	32.88 -0.03 0.00	29.83 -0.24 0.00	27.63 -0.28 -0.04	28.29 -0.29 0.00	28.62 -0.26 0.00	32.03 -0.19 0.00	41.25 -0.17 0.00	44.11 -0.22 0.00	44.66 -0.22 0.00	41.56 -0.17 0.00	43.01 -0.22 0.00	40.89 -0.21 0.00	40.29 -0.20 0.00	39.66 -0.28 0.00	40.88 -0.29 0.00	41.61 -0.29 0.00	44.19 -0.36 0.00	50.60 -0.41 0.00	53.58 -0.22 0.00	55.14 -0.28 0.00	56.06 -0.11 0.00	45.64 -0.23 0.00	38.82 -0.31 0.00	34.77 -0.21 0.00
FITZPATRICK____ 23598	32.13 -0.79 0.00	29.20 -0.87 0.00	27.05 -0.84 -0.03	27.72 -0.86 0.00	28.05 -0.84 0.00	31.33 -0.90 0.00	40.30 -1.12 0.00	43.04 -1.29 0.00	43.54 -1.35 0.00	40.52 -1.21 0.00	41.93 -1.30 0.00	39.86 -1.23 0.00	39.31 -1.18 0.00	38.70 -1.24 0.00	39.89 -1.28 0.00	40.60 -1.30 0.00	43.16 -1.38 0.00	49.38 -1.63 0.00	52.23 -1.56 0.00	53.80 -1.61 0.00	54.60 -1.57 0.00	44.58 -1.28 0.00	37.92 -1.21 0.00	34.00 -0.98 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.96 2.04 0.00	32.06 1.98 0.00	30.17 1.84 -0.47	30.43 1.86 0.00	30.73 1.85 0.00	34.23 2.00 0.00	44.07 2.65 0.00	47.48 3.15 0.00	48.21 3.32 0.00	44.78 3.05 0.00	46.25 3.03 0.00	43.93 2.84 0.00	43.16 2.67 0.00	42.62 2.68 0.00	43.97 2.80 0.00	44.67 2.77 0.00	47.44 2.90 0.00	54.58 3.57 0.00	57.24 3.44 0.00	58.85 3.44 0.00	59.54 3.37 0.00	48.53 2.66 0.00	41.49 2.35 0.00	36.97 1.99 0.00
FORT ORANGE____ 23900	33.90 0.99 0.00	31.06 0.99 0.00	29.42 0.97 -0.58	29.57 1.00 0.00	29.84 0.95 0.00	33.26 1.03 0.00	42.71 1.29 0.00	45.84 1.51 0.00	46.32 1.44 0.00	42.98 1.25 0.00	44.35 1.12 0.00	42.16 1.07 0.00	41.50 1.01 0.00	41.02 1.08 0.00	42.28 1.11 0.00	43.03 1.13 0.00	45.70 1.16 0.00	52.39 1.38 0.00	54.98 1.18 0.00	56.74 1.33 0.00	57.35 1.18 0.00	46.88 1.01 0.00	40.23 1.09 0.00	35.78 0.81 0.00
FORT_DRUM_COGEN 23780	27.07 -0.95 4.90	24.62 -0.87 4.58	22.67 -0.89 4.30	23.31 -0.86 4.40	23.85 -0.66 4.37	27.91 -0.68 3.65	36.13 -0.66 4.63	39.15 -0.80 4.39	40.44 -1.08 2.49	41.71 -1.51 0.00	39.45 -1.64 0.00	38.63 -1.86 0.00	38.26 -1.68 0.00	39.65 -1.52 0.00	40.52 -1.38 0.00	43.30 -1.25 0.00	50.09 -0.92 0.00	53.31 -0.48 0.00	55.36 -0.06 0.00	56.39 0.22 0.00	45.82 -0.05 0.00	38.67 -0.47 0.00	34.42 -0.56 0.00	
FOX_HILLS___ESR 323835	35.41 2.47 -0.02	32.50 2.41 -0.02	30.59 2.26 -0.48	30.87 2.29 -0.01	31.14 2.25 -0.01	34.62 2.38 -0.01	44.51 3.07 -0.02	48.11 3.77 -0.01	48.76 3.86 -0.01	46.42 3.59 -1.10	46.84 3.59 -0.02	51.45 3.49 -6.86	47.25 3.36 -3.40	48.35 3.40 -5.01	47.61 3.50 -2.94	51.11 3.52 -5.69	50.42 3.65 -2.23	60.30 4.39 -4.90	58.05 4.20 -0.06	59.57 4.10 -0.06	71.30 4.10 -11.03	49.95 3.16 -0.92	47.44 2.58 -5.72	37.28 2.27 -0.02
FPL FAR_ROCK_GT1 24212	36.25 3.32 -0.01	32.99 2.92 0.00	31.06 2.73 -0.47	31.32 2.74 0.00	31.66 2.77 0.00	35.32 3.09 0.00	45.56 4.14 0.00	48.76 4.43 0.00	49.56 4.67 0.00	46.51 4.38 -0.40	73.60 4.11 -26.26	105.99 3.91 -60.99	107.53 3.80 -63.23	84.72 3.80 -40.98	86.96 3.91 -41.88	87.08 3.90 -41.29	79.35 4.01 -30.80	90.92 4.69 -35.21	91.38 4.57 -33.01	83.48 4.49 -23.58	82.97 4.66 -22.14	79.63 3.71 -30.05	45.03 3.56 -2.34	40.68 3.22 -2.48
FPL FAR_ROCK_GT2 23815	36.25 3.32 -0.01	32.99 2.92 0.00	31.06 2.73 -0.47	31.32 2.74 0.00	31.66 2.77 0.00	35.32 3.09 0.00	45.56 4.14 0.00	48.76 4.43 0.00	49.56 4.67 0.00	46.51 4.38 -0.40	73.60 4.11 -26.26	105.99 3.91 -60.99	107.53 3.80 -63.23	84.72 3.80 -40.98	86.96 3.91 -41.88	87.08 3.90 -41.29	79.35 4.01 -30.80	90.92 4.69 -35.21	91.38 4.57 -33.01	83.48 4.49 -23.58	82.97 4.66 -22.14	79.63 3.71 -30.05	45.03 3.56 -2.34	40.68 3.22 -2.48
FRANKLIN_FALL_HYD 24054	7.56 -1.71 23.64	6.55 -1.41 22.11	5.63 -1.34 20.90	5.93 -1.37 21.27	6.46 -1.33 21.09	13.24 -1.39 17.61	17.46 -1.62 22.34	21.42 -1.73 21.18	31.04 -1.84 12.01	40.06 -1.67 0.00	41.63 -1.60 0.00	39.58 -1.52 0.00	38.99 -1.50 0.00	38.58 -1.36 0.00	39.89 -1.28 0.00	40.64 -1.26 0.00	43.43 -1.11 0.00	49.69 -1.33 0.00	52.67 -1.13 0.00	54.25 -1.16 0.00	55.05 -1.12 0.00	44.90 -0.96 0.00	38.39 -0.74 0.00	34.14 -0.84 0.00

FREEPORT_EQUS_GT1 23764	35.99 3.06 -0.01	32.75 2.68 0.00	30.87 2.54 -0.47	31.11 2.54 0.00	31.45 2.57 0.00	35.06 2.84 0.00	45.23 3.81 0.00	48.27 3.94 0.00	49.01 4.13 0.00	45.84 3.97 -0.14	55.65 3.63 -8.79	64.96 3.45 -20.41	65.01 3.36 -21.16	57.02 3.36 -13.72	58.69 3.50 -14.02	59.16 3.44 -13.82	58.42 3.57 -10.31	67.03 4.23 -11.79	68.93 4.09 -11.05	67.30 3.99 -7.90	67.74 4.16 -7.41	59.23 3.30 -10.06	43.24 3.25 -0.86	38.86 2.97 -0.91
FREEPORT___CT2 23818	35.99 3.06 -0.01	32.75 2.68 0.00	30.87 2.54 -0.47	31.11 2.54 0.00	31.45 2.57 0.00	35.06 2.84 0.00	45.23 3.81 0.00	48.27 3.94 0.00	49.01 4.13 0.00	45.84 3.97 -0.14	55.65 3.63 -8.79	64.96 3.45 -20.41	65.01 3.36 -21.16	57.02 3.36 -13.72	58.69 3.50 -14.02	59.16 3.44 -13.82	58.42 3.57 -10.31	67.03 4.23 -11.79	68.93 4.09 -11.05	67.30 3.99 -7.90	67.74 4.16 -7.41	59.23 3.30 -10.06	43.24 3.25 -0.86	38.86 2.97 -0.91
FRESHKLS_33_KV_LOAD 356253	35.41 2.47 -0.02	32.56 2.47 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.47 3.02 -0.02	48.02 3.68 -0.01	48.62 3.73 -0.01	45.92 3.46 -0.72	46.71 3.46 -0.02	48.84 3.37 -4.38	45.91 3.24 -2.19	46.43 3.28 -3.21	46.43 3.38 -1.89	48.93 3.39 -3.63	49.48 3.52 -1.41	58.37 4.23 -3.12	57.91 4.09 -0.02	59.42 3.99 -0.02	67.20 3.99 -7.05	49.49 3.03 -0.59	45.27 2.47 -3.67	37.21 2.20 -0.02
FULTON COGEN____ 23766	32.39 -0.53 0.00	29.41 -0.66 0.00	27.23 -0.67 -0.04	27.89 -0.69 0.00	28.22 -0.66 0.00	31.55 -0.68 0.00	40.63 -0.79 0.00	43.40 -0.93 0.00	43.94 -0.94 0.00	40.85 -0.88 0.00	42.32 -0.91 0.00	40.19 -0.90 0.00	39.64 -0.85 0.00	39.02 -0.92 0.00	40.22 -0.95 0.00	40.94 -0.96 0.00	43.48 -1.07 0.00	49.79 -1.22 0.00	52.72 -1.08 0.00	54.25 -1.16 0.00	55.16 -1.01 0.00	44.95 -0.92 0.00	38.24 -0.90 0.00	34.24 -0.73 0.00
FULTON___LFGE 323630	35.39 2.47 0.00	32.30 2.23 0.00	30.66 2.15 -0.65	30.83 2.26 0.00	31.11 2.22 0.00	34.81 2.58 0.00	44.77 3.35 0.00	47.97 3.64 0.00	48.48 3.59 0.00	44.86 3.13 0.00	46.43 3.20 0.00	44.01 2.92 0.00	43.20 2.71 0.00	42.66 2.72 0.00	43.84 2.67 0.00	44.62 2.72 0.00	47.53 2.98 0.00	54.43 3.42 0.00	57.83 4.04 0.00	59.57 4.16 0.00	60.32 4.16 0.00	49.49 3.62 0.00	42.19 3.05 0.00	37.60 2.62 0.00
G.F.CEMENT___DRP 24184	34.89 1.97 0.00	31.90 1.83 0.00	30.22 1.76 -0.60	30.43 1.86 0.00	30.67 1.79 0.00	34.29 2.06 0.00	44.28 2.86 0.00	46.59 2.26 0.00	46.86 1.98 0.00	43.61 1.88 0.00	45.13 1.90 0.00	42.90 1.81 0.00	42.15 1.66 0.00	41.62 1.68 0.00	42.82 1.65 0.00	43.58 1.68 0.00	46.28 1.74 0.00	52.90 1.89 0.00	55.79 1.99 0.00	57.63 2.22 0.00	58.25 2.08 0.00	47.75 1.88 0.00	41.52 2.39 0.00	36.90 1.92 0.00
GARDENVILLE___LBMP 24039	32.59 -0.33 0.00	28.60 -1.47 0.00	26.49 -1.45 -0.08	27.26 -1.31 0.00	27.58 -1.30 0.00	30.87 -1.35 0.00	39.64 -1.78 0.00	41.89 -2.44 0.00	42.37 -2.51 0.00	39.35 -2.38 0.00	41.02 -2.20 0.00	39.04 -2.05 0.00	38.91 -1.58 0.00	37.78 -2.16 0.00	38.90 -2.26 0.00	39.60 -2.30 0.00	41.92 -2.63 0.00	47.44 -3.57 0.00	51.10 -2.69 0.00	52.59 -2.83 0.00	54.03 -2.13 0.00	43.94 -1.93 0.00	37.34 -1.80 0.00	34.45 -0.52 0.00
GARDNVLA_35_KV_LD 355827	32.75 -0.16 0.00	28.69 -1.38 0.00	26.57 -1.37 -0.08	27.34 -1.23 0.00	27.70 -1.18 0.00	30.97 -1.26 0.00	39.80 -1.62 0.00	42.07 -2.26 0.00	42.51 -2.38 0.00	39.48 -2.25 0.00	41.15 -2.07 0.00	39.21 -1.89 0.00	39.07 -1.42 0.00	37.94 -2.00 0.00	39.07 -2.10 0.00	39.76 -2.14 0.00	42.10 -2.45 0.00	47.59 -3.42 0.00	51.27 -2.53 0.00	52.75 -2.66 0.00	54.20 -1.97 0.00	44.12 -1.74 0.00	37.45 -1.68 0.00	34.59 -0.38 0.00
GELCKHM___115KV_LOAD 80723	32.72 -0.20 0.00	29.71 -0.36 0.00	27.51 -0.39 -0.04	28.17 -0.40 0.00	28.51 -0.38 0.00	31.87 -0.35 0.00	41.05 -0.37 0.00	43.84 -0.49 0.00	44.39 -0.49 0.00	41.31 -0.42 0.00	42.79 -0.43 0.00	40.64 -0.45 0.00	40.08 -0.40 0.00	39.46 -0.48 0.00	40.68 -0.49 0.00	41.40 -0.50 0.00	43.97 -0.58 0.00	50.30 -0.71 0.00	53.26 -0.54 0.00	54.80 -0.61 0.00	55.72 -0.45 0.00	45.36 -0.50 0.00	38.59 -0.55 0.00	34.59 -0.38 0.00
GENERAL___MILLS 23808	32.69 -0.23 0.00	28.66 -1.41 0.00	26.52 -1.42 -0.08	27.32 -1.26 0.00	27.64 -1.24 0.00	30.94 -1.29 0.00	39.72 -1.70 0.00	41.98 -2.35 0.00	42.42 -2.47 0.00	39.39 -2.34 0.00	41.07 -2.16 0.00	39.12 -1.97 0.00	38.99 -1.50 0.00	37.86 -2.08 0.00	38.99 -2.18 0.00	39.68 -2.22 0.00	42.01 -2.54 0.00	47.49 -3.52 0.00	51.16 -2.64 0.00	52.70 -2.72 0.00	54.15 -2.02 0.00	44.03 -1.83 0.00	37.42 -1.72 0.00	34.52 -0.45 0.00
GE_PLASTICS___DRP 24183	33.84 0.92 0.00	31.00 0.93 0.00	29.30 0.86 -0.58	29.49 0.91 0.00	29.78 0.90 0.00	33.16 0.93 0.00	42.58 1.16 0.00	45.70 1.37 0.00	46.19 1.30 0.00	42.94 1.21 0.00	44.39 1.17 0.00	42.21 1.11 0.00	41.54 1.05 0.00	41.06 1.12 0.00	42.28 1.11 0.00	42.99 1.09 0.00	45.70 1.16 0.00	52.34 1.33 0.00	54.92 1.13 0.00	56.63 1.22 0.00	57.29 1.12 0.00	46.83 0.96 0.00	40.12 0.98 0.00	35.75 0.77 0.00
GILBOA___1 23756	33.94 1.02 0.00	31.15 1.08 0.00	29.32 1.00 -0.46	29.60 1.03 0.00	29.92 1.04 0.00	33.32 1.10 0.00	42.66 1.24 0.00	45.79 1.46 0.00	46.37 1.48 0.00	43.11 1.38 0.00	44.57 1.34 0.00	42.37 1.28 0.00	41.75 1.26 0.00	41.18 1.24 0.00	42.45 1.28 0.00	43.16 1.26 0.00	45.84 1.29 0.00	52.60 1.58 0.00	55.14 1.35 0.00	56.74 1.33 0.00	57.51 1.35 0.00	47.06 1.19 0.00	40.19 1.06 0.00	35.89 0.91 0.00
GILBOA___2 23757	33.94 1.02 0.00	31.15 1.08 0.00	29.32 1.00 -0.46	29.60 1.03 0.00	29.92 1.04 0.00	33.32 1.10 0.00	42.66 1.24 0.00	45.79 1.46 0.00	46.37 1.48 0.00	43.11 1.38 0.00	44.57 1.34 0.00	42.37 1.28 0.00	41.75 1.26 0.00	41.18 1.24 0.00	42.45 1.28 0.00	43.16 1.26 0.00	45.84 1.29 0.00	52.60 1.58 0.00	55.14 1.35 0.00	56.74 1.33 0.00	57.51 1.35 0.00	47.06 1.19 0.00	40.19 1.06 0.00	35.89 0.91 0.00
GILBOA___3 23758	33.94 1.02 0.00	31.15 1.08 0.00	29.32 1.00 -0.46	29.60 1.03 0.00	29.92 1.04 0.00	33.32 1.10 0.00	42.66 1.24 0.00	45.79 1.46 0.00	46.37 1.48 0.00	43.11 1.38 0.00	44.57 1.34 0.00	42.37 1.28 0.00	41.75 1.26 0.00	41.18 1.24 0.00	42.45 1.28 0.00	43.16 1.26 0.00	45.84 1.29 0.00	52.60 1.58 0.00	55.14 1.35 0.00	56.74 1.33 0.00	57.51 1.35 0.00	47.06 1.19 0.00	40.19 1.06 0.00	35.89 0.91 0.00
GILBOA___4 23759	33.94 1.02 0.00	31.15 1.08 0.00	29.32 1.00 -0.46	29.60 1.03 0.00	29.92 1.04 0.00	33.32 1.10 0.00	42.66 1.24 0.00	45.79 1.46 0.00	46.37 1.48 0.00	43.11 1.38 0.00	44.57 1.34 0.00	42.37 1.28 0.00	41.75 1.26 0.00	41.18 1.24 0.00	42.45 1.28 0.00	43.16 1.26 0.00	45.84 1.29 0.00	52.60 1.58 0.00	55.14 1.35 0.00	56.74 1.33 0.00	57.51 1.35 0.00	47.06 1.19 0.00	40.19 1.06 0.00	35.89 0.91 0.00

GILBOA____ 23599	33.94 1.02 0.00	31.15 1.08 0.00	29.32 1.00 -0.46	29.60 1.03 0.00	29.92 1.04 0.00	33.32 1.10 0.00	42.66 1.24 0.00	45.79 1.46 0.00	46.37 1.48 0.00	43.11 1.38 0.00	44.57 1.34 0.00	42.37 1.27 0.00	41.74 1.26 0.00	41.18 1.24 0.00	42.45 1.28 0.00	43.16 1.26 0.00	45.84 1.29 0.00	52.59 1.58 0.00	55.14 1.34 0.00	56.80 1.39 0.00	57.52 1.35 0.00	47.06 1.19 0.00	40.19 1.06 0.00	35.89 0.91 0.00
GINNA____ 23603	31.37 -1.55 0.00	28.02 -2.05 0.00	25.99 -1.92 -0.05	26.60 -1.97 0.00	26.89 -1.99 0.00	30.10 -2.13 0.00	38.69 -2.74 0.00	41.18 -3.15 0.00	41.74 -3.14 0.00	38.89 -2.84 0.00	40.33 -2.90 0.00	38.38 -2.71 0.00	38.02 -2.47 0.00	37.22 -2.72 0.00	38.33 -2.84 0.00	38.97 -2.93 0.00	41.38 -3.16 0.00	47.09 -3.93 0.00	50.19 -3.60 0.00	51.86 -3.55 0.00	52.85 -3.31 0.00	43.07 -2.80 0.00	36.44 -2.70 0.00	32.99 -1.99 0.00
GLEN PARK____ 23778	27.47 -0.82 4.62	25.00 -0.75 4.32	23.02 -0.78 4.06	23.67 -0.74 4.16	24.21 -0.55 4.12	28.27 -0.52 3.44	36.56 -0.50 4.37	39.57 -0.62 4.14	41.64 -0.90 2.35	40.56 -1.17 0.00	41.80 -1.43 0.00	39.49 -1.60 0.00	38.67 -1.82 0.00	38.27 -1.68 0.00	39.69 -1.48 0.00	40.56 -1.34 0.00	43.39 -1.16 0.00	50.25 -0.76 0.00	53.53 -0.27 0.00	55.63 0.22 0.00	56.73 0.56 0.00	46.10 0.23 0.00	38.87 -0.27 0.00	34.52 -0.46 0.00
GLENDALE_27_KV_LOAD 356172	35.38 2.47 0.00	32.42 2.35 0.00	30.53 2.20 -0.47	30.80 2.23 0.00	31.08 2.20 0.00	34.55 2.32 0.00	44.57 3.15 0.00	48.23 3.90 0.00	48.97 4.08 0.00	45.59 3.84 -0.02	47.03 3.80 0.00	44.80 3.70 -0.01	44.05 3.56 0.00	43.54 3.59 0.00	44.87 3.71 0.00	45.59 3.69 0.00	48.38 3.83 -0.01	55.61 4.59 -0.01	58.15 4.36 0.00	59.62 4.21 0.00	60.38 4.21 0.00	49.17 3.30 0.00	41.96 2.82 0.00	37.43 2.45 0.00
GLENWOOD_IC_1_G5 23712	35.66 2.73 -0.02	32.54 2.47 0.00	30.67 2.34 -0.47	30.92 2.34 0.00	31.22 2.34 0.00	34.77 2.55 0.00	44.69 3.27 0.00	48.19 3.86 0.00	48.97 4.08 0.00	45.72 3.88 -0.11	54.24 3.59 -7.43	61.74 3.41 -17.23	61.68 3.32 -17.87	54.84 3.32 -11.59	56.47 3.46 -11.84	56.92 3.35 -11.67	56.77 3.52 -8.71	65.15 4.18 -9.96	67.06 3.93 -9.33	65.96 3.88 -6.67	66.36 3.93 -6.26	57.53 3.16 -8.50	42.87 3.01 -0.72	38.44 2.69 -0.77
GLENWOOD_IC_2_G1 23688	35.42 2.50 0.00	32.35 2.28 0.00	30.51 2.17 -0.47	30.74 2.17 0.00	31.05 2.17 0.00	34.58 2.35 0.00	44.65 3.23 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.34 3.59 -0.02	46.85 3.41 -0.21	44.86 3.29 -0.48	44.18 3.20 -0.50	43.50 3.23 -0.32	44.83 3.33 -0.33	45.50 3.27 -0.33	48.17 3.38 -0.24	55.32 4.03 -0.28	57.87 3.82 -0.26	59.31 3.71 -0.19	60.11 3.76 -0.17	49.08 2.98 -0.24	41.86 2.70 -0.02	37.41 2.41 -0.02
GLENWOOD_IC_3_G1 23689	35.42 2.50 0.00	32.35 2.28 0.00	30.51 2.17 -0.47	30.74 2.17 0.00	31.05 2.17 0.00	34.58 2.35 0.00	44.65 3.23 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.34 3.59 -0.02	46.85 3.41 -0.21	44.86 3.29 -0.48	44.18 3.20 -0.50	43.50 3.23 -0.32	44.83 3.33 -0.33	45.50 3.27 -0.33	48.17 3.38 -0.24	55.32 4.03 -0.28	57.87 3.82 -0.26	59.31 3.71 -0.19	60.11 3.76 -0.17	49.08 2.98 -0.24	41.86 2.70 -0.02	37.41 2.41 -0.02
GLENWOOD____4 23550	35.66 2.73 -0.02	32.54 2.47 0.00	30.67 2.34 -0.47	30.92 2.34 0.00	31.22 2.34 0.00	34.77 2.55 0.00	44.69 3.27 0.00	48.19 3.86 0.00	48.97 4.08 0.00	45.72 3.88 -0.11	54.29 3.63 -7.43	61.78 3.45 -17.23	61.76 3.40 -17.87	54.92 3.40 -11.59	56.51 3.50 -11.84	57.01 3.44 -11.67	56.82 3.56 -8.71	65.20 4.23 -9.96	67.11 3.98 -9.33	66.02 3.93 -6.67	66.42 3.99 -6.26	57.58 3.21 -8.50	42.87 3.01 -0.72	38.44 2.69 -0.77
GLENWOOD____5 23614	35.66 2.73 -0.02	32.54 2.47 0.00	30.67 2.34 -0.47	30.92 2.34 0.00	31.22 2.34 0.00	34.77 2.55 0.00	44.69 3.27 0.00	48.19 3.86 0.00	48.97 4.08 0.00	45.72 3.88 -0.11	54.29 3.63 -7.43	61.78 3.45 -17.23	61.76 3.40 -17.87	54.92 3.40 -11.59	56.51 3.50 -11.84	57.01 3.44 -11.67	56.82 3.56 -8.71	65.20 4.23 -9.96	67.11 3.98 -9.33	66.02 3.93 -6.67	66.42 3.99 -6.26	57.58 3.21 -8.50	42.87 3.01 -0.72	38.44 2.69 -0.77
GLOBAL GREEN_PORT_GT1 23814	36.25 3.32 -0.01	32.93 2.86 0.00	31.14 2.81 -0.47	31.37 2.80 0.00	31.77 2.89 0.00	35.35 3.13 0.00	45.52 4.10 0.00	48.54 4.21 0.00	49.42 4.53 0.00	46.13 4.38 -0.02	48.34 3.72 -1.39	47.73 3.41 -3.22	47.15 3.32 -3.34	45.50 3.39 -2.17	46.96 3.58 -2.21	47.48 3.39 -2.18	49.69 3.52 -1.63	57.42 4.54 -1.86	59.90 4.36 -1.75	61.10 4.43 -1.25	61.73 4.38 -1.17	50.99 3.53 -1.59	42.64 3.37 -0.14	38.49 3.36 -0.15
GLOBE____DSASP 323697	31.73 -1.18 0.00	28.00 -2.07 0.00	26.07 -1.87 -0.07	26.63 -1.94 0.00	26.95 -1.94 0.00	30.10 -2.13 0.00	38.52 -2.90 0.00	40.43 -3.90 0.00	40.89 -3.99 0.00	38.06 -3.67 0.00	39.73 -3.50 0.00	37.85 -3.25 0.00	37.74 -2.75 0.00	36.67 -3.28 0.00	37.71 -3.46 0.00	38.34 -3.56 0.00	40.58 -3.96 0.00	45.76 -5.25 0.00	49.33 -4.46 0.00	50.76 -4.65 0.00	52.18 -3.99 0.00	42.47 -3.39 0.00	36.12 -3.01 0.00	33.51 -1.47 0.00
GOETHSLN____LBMP 323567	35.09 2.17 0.00	32.11 2.04 0.00	30.25 1.92 -0.47	30.52 1.94 0.00	30.79 1.91 0.00	34.26 2.03 0.00	44.24 2.82 0.00	47.79 3.46 0.00	48.52 3.64 0.00	45.03 3.38 0.08	46.55 3.33 0.00	43.63 3.21 0.67	43.27 3.12 0.33	42.61 3.16 0.49	44.14 3.25 0.29	44.53 3.18 0.56	47.58 3.25 0.22	54.46 3.93 0.48	57.39 3.60 0.00	58.90 3.49 0.00	58.57 3.48 1.08	48.62 2.84 0.09	41.12 2.54 0.56	37.18 2.20 0.00
GOLAH____69_KV_TB 1_2 80279	32.92 0.00 0.00	29.23 -0.84 0.00	27.17 -0.75 -0.06	27.74 -0.83 0.00	28.07 -0.81 0.00	31.45 -0.77 0.00	40.38 -1.04 0.00	42.78 -1.55 0.00	43.23 -1.66 0.00	40.19 -1.54 0.00	41.76 -1.47 0.00	39.70 -1.40 0.00	39.36 -1.13 0.00	38.46 -1.48 0.00	39.60 -1.56 0.00	40.22 -1.68 0.00	42.72 -1.83 0.00	48.51 -2.50 0.00	52.02 -1.78 0.00	53.75 -1.66 0.00	55.10 -1.07 0.00	44.81 -1.05 0.00	38.00 -1.13 0.00	34.66 -0.31 0.00
GOODYEAR_LAKE_HYD 323669	34.40 1.48 0.00	31.42 1.35 0.00	29.22 1.23 -0.14	29.89 1.31 0.00	30.27 1.39 0.00	33.77 1.55 0.00	43.45 2.03 0.00	46.64 2.31 0.00	47.09 2.20 0.00	43.73 2.00 0.00	45.22 1.99 0.00	42.99 1.89 0.00	42.23 1.74 0.00	41.62 1.68 0.00	42.98 1.81 0.00	43.70 1.80 0.00	46.51 1.96 0.00	53.46 2.45 0.00	56.22 2.42 0.00	58.24 2.83 0.00	59.15 2.98 0.00	48.30 2.43 0.00	41.02 1.88 0.00	36.66 1.68 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.38 0.46 0.00	30.22 0.15 0.00	28.07 0.06 -0.16	28.72 0.14 0.00	29.09 0.20 0.00	32.49 0.26 0.00	41.83 0.41 0.00	44.73 0.40 0.00	45.20 0.31 0.00	42.02 0.29 0.00	43.53 0.30 0.00	41.38 0.29 0.00	40.85 0.36 0.00	40.14 0.20 0.00	41.38 0.21 0.00	42.07 0.17 0.00	44.68 0.13 0.00	51.17 0.15 0.00	54.23 0.43 0.00	55.86 0.44 0.00	56.84 0.67 0.00	46.33 0.46 0.00	39.37 0.23 0.00	35.40 0.42 0.00

GOUDEY___7 23579	33.38 0.46 0.00	30.22 0.15 0.00	28.07 0.06 -0.16	28.72 0.14 0.00	29.09 0.20 0.00	32.49 0.26 0.00	41.83 0.41 0.00	44.73 0.40 0.00	45.20 0.31 0.00	42.02 0.29 0.00	43.53 0.30 0.00	41.38 0.29 0.00	40.85 0.36 0.00	40.14 0.20 0.00	41.38 0.21 0.00	42.07 0.17 0.00	44.68 0.13 0.00	51.17 0.15 0.00	54.23 0.43 0.00	55.86 0.44 0.00	56.84 0.67 0.00	46.33 0.46 0.00	39.37 0.23 0.00	35.40 0.42 0.00
GOUDEY___8 23580	33.38 0.46 0.00	30.22 0.15 0.00	28.07 0.06 -0.16	28.72 0.14 0.00	29.09 0.20 0.00	32.49 0.26 0.00	41.83 0.41 0.00	44.73 0.40 0.00	45.20 0.31 0.00	42.02 0.29 0.00	43.53 0.30 0.00	41.38 0.29 0.00	40.85 0.36 0.00	40.14 0.20 0.00	41.38 0.21 0.00	42.07 0.17 0.00	44.68 0.13 0.00	51.17 0.15 0.00	54.23 0.43 0.00	55.86 0.44 0.00	56.84 0.67 0.00	46.33 0.46 0.00	39.37 0.23 0.00	35.40 0.42 0.00
GOWANUS_GT1_1 24077	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GOWANUS_GT1_2 24078	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GOWANUS_GT1_3 24079	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GOWANUS_GT1_4 24080	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GOWANUS_GT1_5 24084	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GOWANUS_GT1_6 24111	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GOWANUS_GT1_7 24112	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GOWANUS_GT1_8 24113	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GOWANUS_GT2_1 24114	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
GOWANUS_GT2_2 24115	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
GOWANUS_GT2_3 24116	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
GOWANUS_GT2_4 24117	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
GOWANUS_GT2_5 24118	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02

GOWANUS_GT2_6 24119	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
GOWANUS_GT2_7 24120	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
GOWANUS_GT2_8 24121	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
GOWANUS_GT3_1 24122	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
GOWANUS_GT3_2 24123	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
GOWANUS_GT3_3 24124	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
GOWANUS_GT3_4 24125	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
GOWANUS_GT3_5 24126	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
GOWANUS_GT3_6 24127	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
GOWANUS_GT3_7 24128	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
GOWANUS_GT3_8 24129	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
GOWANUS_GT4_1 24130	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GOWANUS_GT4_2 24131	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GOWANUS_GT4_3 24132	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GOWANUS_GT4_4 24133	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02

GOWANUS_GT4_5 24134	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GOWANUS_GT4_6 24135	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GOWANUS_GT4_7 24136	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GOWANUS_GT4_8 24137	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GREATVRV_69_KV_BK1 356245	36.48 3.55 -0.01	33.14 3.07 0.00	31.26 2.93 -0.47	31.49 2.91 0.00	31.89 3.00 0.00	35.51 3.29 0.00	45.36 3.93 0.00	48.76 4.43 0.00	49.65 4.76 0.00	46.35 4.59 -0.03	49.29 4.24 -1.82	49.26 3.95 -4.22	48.71 3.85 -4.38	46.70 3.91 -2.84	48.11 4.03 -2.90	48.83 4.06 -2.86	50.91 4.23 -2.14	58.56 5.10 -2.44	61.04 4.95 -2.29	62.09 5.04 -1.64	62.76 5.06 -1.54	52.08 4.13 -2.09	43.27 3.95 -0.18	38.81 3.64 -0.19
GREENBSH_115KV_TB3 55895	33.77 0.86 0.00	30.94 0.87 0.00	29.28 0.84 -0.58	29.46 0.89 0.00	29.72 0.84 0.00	33.13 0.90 0.00	42.54 1.12 0.00	45.66 1.33 0.00	46.14 1.26 0.00	42.90 1.17 0.00	44.26 1.04 0.00	42.12 1.03 0.00	41.46 1.08 0.00	41.02 1.08 0.00	42.24 1.07 0.00	42.99 1.09 0.00	45.66 1.11 0.00	52.24 1.22 0.00	54.82 1.02 0.00	56.52 1.11 0.00	57.12 0.95 0.00	46.69 0.83 0.00	40.04 0.90 0.00	35.64 0.66 0.00
GREENDGE_115KV_TB5 80291	33.57 0.66 0.00	30.16 0.09 0.00	27.88 -0.08 -0.10	28.63 0.06 0.00	29.06 0.17 0.00	32.65 0.42 0.00	42.29 0.87 0.00	45.22 0.89 0.00	45.56 0.67 0.00	42.23 0.50 0.00	43.66 0.43 0.00	41.47 0.37 0.00	40.89 0.40 0.00	40.14 0.20 0.00	41.38 0.21 0.00	42.07 0.17 0.00	44.81 0.27 0.00	50.96 -0.05 0.00	54.49 0.70 0.00	56.19 0.78 0.00	57.35 1.18 0.00	46.51 0.64 0.00	39.76 0.63 0.00	35.75 0.77 0.00
GREENIDGE___3 23582	33.57 0.66 0.00	30.16 0.09 0.00	27.88 -0.08 -0.10	28.63 0.06 0.00	29.06 0.17 0.00	32.65 0.42 0.00	42.29 0.87 0.00	45.22 0.89 0.00	45.56 0.67 0.00	42.23 0.50 0.00	43.66 0.43 0.00	41.47 0.37 0.00	40.89 0.40 0.00	40.14 0.20 0.00	41.38 0.21 0.00	42.07 0.17 0.00	44.81 0.27 0.00	50.96 -0.05 0.00	54.49 0.70 0.00	56.19 0.78 0.00	57.35 1.18 0.00	46.51 0.64 0.00	39.76 0.63 0.00	35.75 0.77 0.00
GREENIDGE___4 23583	33.57 0.66 0.00	30.16 0.09 0.00	27.91 -0.06 -0.10	28.63 0.06 0.00	29.06 0.17 0.00	32.65 0.42 0.00	42.33 0.91 0.00	45.22 0.89 0.00	45.56 0.67 0.00	42.23 0.50 0.00	43.66 0.43 0.00	41.46 0.37 0.00	40.89 0.40 0.00	40.14 0.20 0.00	41.33 0.17 0.00	42.03 0.13 0.00	44.81 0.27 0.00	50.96 -0.05 0.00	54.49 0.70 0.00	56.24 0.83 0.00	57.35 1.18 0.00	46.60 0.73 0.00	39.76 0.62 0.00	35.75 0.77 0.00
GREENLWN_69_KV_BK 3 55738	36.09 3.16 -0.01	32.84 2.77 0.00	30.95 2.62 -0.47	31.20 2.63 0.00	31.54 2.66 0.00	35.16 2.93 0.00	44.98 3.56 0.00	48.41 4.08 0.00	49.24 4.35 0.00	46.01 4.26 -0.02	48.77 3.89 -1.65	48.62 3.70 -3.83	48.06 3.60 -3.97	46.11 3.59 -2.57	47.55 3.75 -2.63	48.18 3.69 -2.59	50.31 3.83 -1.94	57.72 4.49 -2.22	60.23 4.36 -2.08	61.17 4.27 -1.49	61.94 4.38 -1.39	51.33 3.58 -1.89	42.75 3.44 -0.17	38.30 3.15 -0.18
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02
GRISSOM___SOLAR 323813	35.25 2.34 0.00	32.21 2.14 0.00	30.54 2.03 -0.64	30.72 2.14 0.00	30.99 2.11 0.00	34.68 2.45 0.00	44.61 3.19 0.00	47.74 3.41 0.00	48.26 3.37 0.00	44.65 2.92 0.00	46.21 2.98 0.00	43.81 2.71 0.00	43.04 2.55 0.00	42.50 2.56 0.00	43.72 2.55 0.00	44.50 2.60 0.00	47.35 2.81 0.00	54.28 3.27 0.00	57.56 3.76 0.00	59.29 3.88 0.00	60.04 3.87 0.00	49.21 3.35 0.00	41.99 2.86 0.00	37.43 2.45 0.00
GROVEVILLE___HYD 323602	34.96 2.04 0.00	32.06 1.98 0.00	30.17 1.84 -0.47	30.43 1.86 0.00	30.73 1.85 0.00	34.23 2.00 0.00	44.07 2.65 0.00	47.48 3.15 0.00	48.21 3.32 0.00	44.78 3.05 0.00	46.25 3.03 0.00	43.93 2.84 0.00	43.16 2.67 0.00	42.62 2.68 0.00	43.97 2.80 0.00	44.67 2.77 0.00	47.44 2.90 0.00	54.58 3.57 0.00	57.24 3.44 0.00	58.85 3.44 0.00	59.54 3.37 0.00	48.53 2.66 0.00	41.49 2.35 0.00	36.97 1.99 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.88 -0.03 0.00	29.83 -0.24 0.00	27.63 -0.28 -0.04	28.29 -0.29 0.00	28.62 -0.26 0.00	32.03 -0.19 0.00	41.25 -0.17 0.00	44.11 -0.22 0.00	44.66 -0.22 0.00	41.56 -0.17 0.00	43.01 -0.22 0.00	40.89 -0.21 0.00	40.29 -0.20 0.00	39.66 -0.28 0.00	40.88 -0.29 0.00	41.61 -0.29 0.00	44.19 -0.36 0.00	50.60 -0.41 0.00	53.58 -0.22 0.00	55.14 -0.28 0.00	56.06 -0.11 0.00	45.64 -0.23 0.00	38.82 -0.31 0.00	34.77 -0.21 0.00
HAMLTNNY_34_KV_TB 80303	32.98 0.07 0.00	29.86 -0.21 0.00	27.63 -0.28 -0.05	28.29 -0.29 0.00	28.65 -0.23 0.00	32.07 -0.16 0.00	41.34 -0.08 0.00	44.15 -0.18 0.00	44.71 -0.18 0.00	41.61 -0.13 0.00	43.05 -0.17 0.00	40.93 -0.16 0.00	40.37 -0.12 0.00	39.70 -0.24 0.00	40.92 -0.25 0.00	41.65 -0.25 0.00	44.23 -0.31 0.00	50.60 -0.41 0.00	53.63 -0.16 0.00	55.25 -0.17 0.00	56.17 0.00 0.00	45.73 -0.14 0.00	38.86 -0.27 0.00	34.84 -0.14 0.00

HAMPSHIRE___PAPER_HYD 323593	17.56 -2.04 13.31	15.91 -1.71 12.45	14.46 -1.64 11.75	14.94 -1.66 11.98	15.45 -1.56 11.88	20.61 -1.71 9.91	26.81 -2.03 12.58	30.19 -2.22 11.92	35.70 -2.42 6.77	39.31 -2.42 0.00	40.68 -2.55 0.00	38.59 -2.51 0.00	37.86 -2.63 0.00	37.58 -2.36 0.00	38.86 -2.30 0.00	39.68 -2.22 0.00	42.41 -2.14 0.00	48.77 -2.24 0.00	51.70 -2.10 0.00	53.47 -1.94 0.00	54.32 -1.85 0.00	44.31 -1.56 0.00	37.65 -1.49 0.00	33.48 -1.50 0.00
HARDSCRABBLE_WT_PWR 323673	32.93 -1.22 -1.23	30.17 -1.05 -1.15	27.97 -0.98 -1.08	28.68 -1.00 -1.10	29.00 -0.98 -1.10	32.08 -1.06 -0.91	41.21 -1.37 -1.16	44.06 -1.37 -1.10	44.12 -1.39 -0.62	40.48 -1.25 0.00	41.93 -1.30 0.00	39.95 -1.15 0.00	39.36 -1.13 0.00	38.90 -1.04 0.00	40.18 -0.99 0.00	40.94 -0.96 0.00	43.61 -0.94 0.00	50.10 -0.92 0.00	52.88 -0.91 0.00	54.58 -0.83 0.00	55.44 -0.73 0.00	45.32 -0.55 0.00	38.67 -0.47 0.00	34.60 -0.38 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.83 1.91 0.00	31.87 1.80 0.00	30.00 1.70 -0.44	30.29 1.71 0.00	30.59 1.70 0.00	34.06 1.84 0.00	43.86 2.44 0.00	47.26 2.93 0.00	48.03 3.14 0.00	44.61 2.88 0.00	46.12 2.90 0.00	43.81 2.71 0.00	43.04 2.55 0.00	42.50 2.56 0.00	43.85 2.68 0.00	44.54 2.64 0.00	47.31 2.76 0.00	54.43 3.42 0.00	57.02 3.23 0.00	58.63 3.21 0.00	59.37 3.20 0.00	48.39 2.52 0.00	41.37 2.23 0.00	36.87 1.89 0.00
HARSNRAD_115KV_TB1 81005	32.26 -0.66 0.00	28.36 -1.71 0.00	26.34 -1.59 -0.07	27.00 -1.57 0.00	27.32 -1.56 0.00	30.55 -1.68 0.00	39.14 -2.28 0.00	41.18 -3.15 0.00	41.66 -3.23 0.00	38.73 -3.00 0.00	40.37 -2.85 0.00	38.42 -2.67 0.00	38.34 -2.15 0.00	37.23 -2.72 0.00	38.29 -2.88 0.00	38.93 -2.97 0.00	41.25 -3.30 0.00	46.57 -4.44 0.00	50.24 -3.55 0.00	51.75 -3.66 0.00	53.19 -2.98 0.00	43.25 -2.61 0.00	36.75 -2.39 0.00	34.03 -0.94 0.00
HARZA MOOSE___RIVER 24016	29.75 -0.39 2.77	27.12 -0.36 2.59	25.07 -0.36 2.43	25.74 -0.34 2.49	26.18 -0.23 2.47	29.94 -0.23 2.06	38.64 -0.17 2.61	41.67 -0.18 2.48	43.24 -0.22 1.42	41.35 -0.38 0.00	42.75 -0.48 0.00	40.48 -0.62 0.00	39.72 -0.77 0.00	39.38 -0.56 0.00	40.76 -0.41 0.00	41.61 -0.29 0.00	44.37 -0.18 0.00	51.11 0.10 0.00	54.12 0.32 0.00	55.91 0.50 0.00	56.84 0.67 0.00	46.28 0.41 0.00	39.25 0.12 0.00	34.98 0.00 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.82 -0.10 0.00	29.77 -0.30 0.00	27.57 -0.33 -0.04	28.26 -0.31 0.00	28.59 -0.29 0.00	31.97 -0.26 0.00	41.17 -0.25 0.00	43.98 -0.35 0.00	44.57 -0.31 0.00	41.44 -0.29 0.00	42.92 -0.30 0.00	40.81 -0.29 0.00	40.25 -0.24 0.00	39.58 -0.36 0.00	40.84 -0.33 0.00	41.52 -0.38 0.00	44.10 -0.45 0.00	50.45 -0.56 0.00	53.42 -0.38 0.00	54.97 -0.44 0.00	55.83 -0.34 0.00	45.50 -0.37 0.00	38.71 -0.43 0.00	34.70 -0.28 0.00
HELLGATE_13_KV_LD 55870	35.35 2.44 0.00	32.42 2.35 0.00	30.53 2.20 -0.47	30.80 2.23 0.00	31.08 2.20 0.00	34.55 2.32 0.00	44.57 3.15 0.00	48.23 3.90 0.00	48.97 4.08 0.00	45.55 3.80 -0.02	46.99 3.76 0.00	44.80 3.70 -0.01	44.05 3.56 0.00	43.54 3.59 0.00	44.87 3.71 0.00	45.55 3.65 0.00	48.34 3.79 -0.01	55.56 4.54 -0.01	58.10 4.30 0.00	59.57 4.16 0.00	60.27 4.10 0.00	49.12 3.26 0.00	41.92 2.78 0.00	37.39 2.41 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.35 2.44 0.00	32.42 2.35 0.00	30.53 2.20 -0.47	30.80 2.23 0.00	31.08 2.20 0.00	34.55 2.32 0.00	44.57 3.15 0.00	48.23 3.90 0.00	48.97 4.08 0.00	45.55 3.80 -0.02	46.99 3.76 0.00	44.80 3.70 -0.01	44.05 3.56 0.00	43.54 3.59 0.00	44.87 3.71 0.00	45.55 3.65 0.00	48.34 3.79 -0.01	55.56 4.54 -0.01	58.10 4.30 0.00	59.57 4.16 0.00	60.27 4.10 0.00	49.12 3.26 0.00	41.92 2.78 0.00	37.39 2.41 0.00
HEMPSTEAD____ 23647	35.69 2.77 -0.01	32.54 2.47 0.00	30.64 2.31 -0.47	30.89 2.31 0.00	31.22 2.34 0.00	34.81 2.58 0.00	44.90 3.48 0.00	47.97 3.64 0.00	48.75 3.86 0.00	45.56 3.71 -0.11	53.86 3.41 -7.22	61.10 3.25 -16.76	61.02 3.16 -17.37	54.40 3.20 -11.26	55.97 3.29 -11.51	56.47 3.23 -11.35	56.36 3.34 -8.47	64.62 3.93 -9.68	66.58 3.71 -9.08	65.50 3.60 -6.49	66.02 3.76 -6.09	57.11 2.98 -8.26	42.80 2.94 -0.72	38.41 2.66 -0.77
HICKLING___1 23621	33.41 0.49 0.00	29.92 -0.15 0.00	27.65 -0.33 -0.12	28.43 -0.14 0.00	28.85 -0.03 0.00	32.36 0.13 0.00	41.79 0.37 0.00	44.64 0.31 0.00	45.07 0.18 0.00	41.86 0.13 0.00	43.40 0.17 0.00	41.26 0.16 0.00	40.77 0.28 0.00	39.94 0.00 0.00	41.13 -0.04 0.00	41.82 -0.08 0.00	44.41 -0.13 0.00	50.76 -0.26 0.00	54.23 0.43 0.00	55.91 0.50 0.00	57.18 1.01 0.00	46.46 0.60 0.00	39.41 0.27 0.00	35.61 0.63 0.00
HICKLING___2 23622	33.41 0.49 0.00	29.92 -0.15 0.00	27.65 -0.33 -0.12	28.43 -0.14 0.00	28.85 -0.03 0.00	32.36 0.13 0.00	41.79 0.37 0.00	44.64 0.31 0.00	45.07 0.18 0.00	41.86 0.13 0.00	43.40 0.17 0.00	41.26 0.16 0.00	40.77 0.28 0.00	39.94 0.00 0.00	41.13 -0.04 0.00	41.82 -0.08 0.00	44.41 -0.13 0.00	50.76 -0.26 0.00	54.23 0.43 0.00	55.91 0.50 0.00	57.18 1.01 0.00	46.46 0.60 0.00	39.41 0.27 0.00	35.61 0.63 0.00
HIGH FALLS___HY 23754	34.92 2.01 0.00	32.00 1.92 0.00	30.14 1.81 -0.47	30.37 1.80 0.00	30.67 1.79 0.00	34.16 1.93 0.00	44.03 2.61 0.00	47.43 3.10 0.00	48.16 3.28 0.00	44.65 2.92 0.00	46.08 2.85 0.00	43.73 2.63 0.00	43.00 2.51 0.00	42.46 2.52 0.00	43.80 2.63 0.00	44.50 2.60 0.00	47.31 2.76 0.00	54.53 3.52 0.00	57.18 3.39 0.00	58.79 3.38 0.00	59.48 3.31 0.00	48.48 2.61 0.00	41.41 2.27 0.00	36.90 1.92 0.00
HIGH_RIVER___SOLAR 323847	34.59 1.68 0.00	31.60 1.53 0.00	29.96 1.48 -0.62	30.11 1.54 0.00	30.38 1.50 0.00	33.93 1.71 0.00	43.57 2.15 0.00	46.63 2.30 0.00	47.09 2.20 0.00	43.65 1.92 0.00	45.13 1.90 0.00	42.86 1.77 0.00	42.19 1.70 0.00	41.66 1.72 0.00	42.90 1.73 0.00	43.62 1.72 0.00	46.42 1.87 0.00	53.25 2.24 0.00	56.27 2.48 0.00	58.02 2.60 0.00	58.75 2.59 0.00	48.07 2.20 0.00	41.09 1.96 0.00	36.62 1.64 0.00
HILLBURN___GT 23639	34.86 1.94 0.00	31.94 1.87 0.00	30.06 1.76 -0.45	30.35 1.77 0.00	30.65 1.76 0.00	34.10 1.87 0.00	44.03 2.61 0.00	47.39 3.06 0.00	48.12 3.23 0.00	44.73 3.01 0.00	46.21 2.98 0.00	43.93 2.83 0.00	43.24 2.75 0.00	42.70 2.75 0.00	44.05 2.88 0.00	44.71 2.81 0.00	47.44 2.89 0.00	54.58 3.57 0.00	57.19 3.39 0.00	58.74 3.32 0.00	59.54 3.37 0.00	48.43 2.57 0.00	41.45 2.31 0.00	36.97 1.99 0.00
HILLSIDE_115KV_TB1 80332	32.98 0.07 0.00	29.62 -0.45 0.00	27.43 -0.56 -0.13	28.17 -0.40 0.00	28.57 -0.32 0.00	31.97 -0.26 0.00	41.21 -0.21 0.00	44.02 -0.31 0.00	44.44 -0.45 0.00	41.27 -0.46 0.00	42.79 -0.43 0.00	40.73 -0.37 0.00	40.25 -0.24 0.00	39.42 -0.52 0.00	40.63 -0.54 0.00	41.27 -0.63 0.00	43.83 -0.71 0.00	50.04 -0.97 0.00	53.36 -0.43 0.00	54.97 -0.44 0.00	56.17 0.00 0.00	45.64 -0.23 0.00	38.78 -0.35 0.00	35.01 0.03 0.00

HISHELDN_WT_PWR 323625	32.46 -0.46 0.00	28.63 -1.44 0.00	26.61 -1.34 -0.09	27.29 -1.29 0.00	27.64 -1.24 0.00	30.97 -1.26 0.00	39.85 -1.57 0.00	42.25 -2.08 0.00	42.64 -2.24 0.00	39.60 -2.13 0.00	41.20 -2.03 0.00	39.17 -1.93 0.00	38.95 -1.54 0.00	37.91 -2.04 0.00	39.03 -2.14 0.00	39.76 -2.14 0.00	42.18 -2.36 0.00	47.80 -3.21 0.00	51.48 -2.31 0.00	53.25 -2.16 0.00	54.48 -1.68 0.00	44.54 -1.33 0.00	37.61 -1.53 0.00	34.56 -0.42 0.00
HOLTSVILLE_IC_1 23690	36.09 3.16 -0.01	32.81 2.74 0.00	30.98 2.65 -0.47	31.20 2.63 0.00	31.57 2.69 0.00	35.16 2.93 0.00	45.19 3.77 0.00	48.10 3.77 0.00	48.93 4.04 0.00	45.67 3.92 -0.02	48.18 3.59 -1.36	47.58 3.33 -3.16	47.00 3.24 -3.28	45.38 3.31 -2.13	46.80 3.46 -2.17	47.39 3.35 -2.14	49.62 3.48 -1.60	57.13 4.29 -1.83	59.55 4.04 -1.72	60.68 4.04 -1.23	61.42 4.10 -1.15	50.77 3.35 -1.56	42.68 3.40 -0.14	38.31 3.18 -0.14
HOLTSVILLE_IC_10 23699	36.28 3.36 -0.01	32.96 2.89 0.00	31.12 2.79 -0.47	31.34 2.77 0.00	31.72 2.83 0.00	35.32 3.09 0.00	45.48 4.06 0.00	48.41 4.08 0.00	49.24 4.35 0.00	45.96 4.21 -0.02	48.59 3.89 -1.47	48.16 3.66 -3.41	47.59 3.56 -3.54	45.87 3.63 -2.30	47.30 3.79 -2.35	47.86 3.64 -2.31	50.10 3.83 -1.73	57.68 4.69 -1.97	60.17 4.52 -1.85	61.28 4.54 -1.33	62.02 4.61 -1.24	51.27 3.71 -1.68	42.96 3.68 -0.15	38.53 3.39 -0.16
HOLTSVILLE_IC_2 23691	36.09 3.16 -0.01	32.81 2.74 0.00	30.98 2.65 -0.47	31.20 2.63 0.00	31.57 2.69 0.00	35.16 2.93 0.00	45.19 3.77 0.00	48.10 3.77 0.00	48.93 4.04 0.00	45.67 3.92 -0.02	48.18 3.59 -1.36	47.58 3.33 -3.16	47.00 3.24 -3.28	45.38 3.31 -2.13	46.80 3.46 -2.17	47.39 3.35 -2.14	49.62 3.48 -1.60	57.13 4.29 -1.83	59.55 4.04 -1.72	60.68 4.04 -1.23	61.42 4.10 -1.15	50.77 3.35 -1.56	42.68 3.40 -0.14	38.31 3.18 -0.14
HOLTSVILLE_IC_3 23692	36.09 3.16 -0.01	32.81 2.74 0.00	30.98 2.65 -0.47	31.20 2.63 0.00	31.57 2.69 0.00	35.16 2.93 0.00	45.19 3.77 0.00	48.10 3.77 0.00	48.93 4.04 0.00	45.67 3.92 -0.02	48.18 3.59 -1.36	47.58 3.33 -3.16	47.00 3.24 -3.28	45.38 3.31 -2.13	46.80 3.46 -2.17	47.39 3.35 -2.14	49.62 3.48 -1.60	57.13 4.29 -1.83	59.55 4.04 -1.72	60.68 4.04 -1.23	61.42 4.10 -1.15	50.77 3.35 -1.56	42.68 3.40 -0.14	38.31 3.18 -0.14
HOLTSVILLE_IC_4 23693	36.09 3.16 -0.01	32.81 2.74 0.00	30.98 2.65 -0.47	31.20 2.63 0.00	31.57 2.69 0.00	35.16 2.93 0.00	45.19 3.77 0.00	48.10 3.77 0.00	48.93 4.04 0.00	45.67 3.92 -0.02	48.18 3.59 -1.36	47.58 3.33 -3.16	47.00 3.24 -3.28	45.38 3.31 -2.13	46.80 3.46 -2.17	47.39 3.35 -2.14	49.62 3.48 -1.60	57.13 4.29 -1.83	59.55 4.04 -1.72	60.68 4.04 -1.23	61.42 4.10 -1.15	50.77 3.35 -1.56	42.68 3.40 -0.14	38.31 3.18 -0.14
HOLTSVILLE_IC_5 23694	36.09 3.16 -0.01	32.81 2.74 0.00	30.98 2.65 -0.47	31.20 2.63 0.00	31.57 2.69 0.00	35.16 2.93 0.00	45.19 3.77 0.00	48.10 3.77 0.00	48.93 4.04 0.00	45.67 3.92 -0.02	48.18 3.59 -1.36	47.58 3.33 -3.16	47.00 3.24 -3.28	45.38 3.31 -2.13	46.80 3.46 -2.17	47.39 3.35 -2.14	49.62 3.48 -1.60	57.13 4.29 -1.83	59.55 4.04 -1.72	60.68 4.04 -1.23	61.42 4.10 -1.15	50.77 3.35 -1.56	42.68 3.40 -0.14	38.31 3.18 -0.14
HOLTSVILLE_IC_6 23695	36.28 3.36 -0.01	32.96 2.89 0.00	31.12 2.79 -0.47	31.34 2.77 0.00	31.72 2.83 0.00	35.32 3.09 0.00	45.48 4.06 0.00	48.41 4.08 0.00	49.24 4.35 0.00	45.96 4.21 -0.02	48.59 3.89 -1.47	48.16 3.66 -3.41	47.59 3.56 -3.54	45.87 3.63 -2.30	47.30 3.79 -2.35	47.86 3.64 -2.31	50.10 3.83 -1.73	57.68 4.69 -1.97	60.17 4.52 -1.85	61.28 4.54 -1.33	62.02 4.61 -1.24	51.27 3.71 -1.68	42.96 3.68 -0.15	38.53 3.39 -0.16
HOLTSVILLE_IC_7 23696	36.28 3.36 -0.01	32.96 2.89 0.00	31.12 2.79 -0.47	31.34 2.77 0.00	31.72 2.83 0.00	35.32 3.09 0.00	45.48 4.06 0.00	48.41 4.08 0.00	49.24 4.35 0.00	45.96 4.21 -0.02	48.59 3.89 -1.47	48.16 3.66 -3.41	47.59 3.56 -3.54	45.87 3.63 -2.30	47.30 3.79 -2.35	47.86 3.64 -2.31	50.10 3.83 -1.73	57.68 4.69 -1.97	60.17 4.52 -1.85	61.28 4.54 -1.33	62.02 4.61 -1.24	51.27 3.71 -1.68	42.96 3.68 -0.15	38.53 3.39 -0.16
HOLTSVILLE_IC_8 23697	36.28 3.36 -0.01	32.96 2.89 0.00	31.12 2.79 -0.47	31.34 2.77 0.00	31.72 2.83 0.00	35.32 3.09 0.00	45.48 4.06 0.00	48.41 4.08 0.00	49.24 4.35 0.00	45.96 4.21 -0.02	48.59 3.89 -1.47	48.16 3.66 -3.41	47.59 3.56 -3.54	45.87 3.63 -2.30	47.30 3.79 -2.35	47.86 3.64 -2.31	50.10 3.83 -1.73	57.68 4.69 -1.97	60.17 4.52 -1.85	61.28 4.54 -1.33	62.02 4.61 -1.24	51.27 3.71 -1.68	42.96 3.68 -0.15	38.53 3.39 -0.16
HOLTSVILLE_IC_9 23698	36.28 3.36 -0.01	32.96 2.89 0.00	31.12 2.79 -0.47	31.34 2.77 0.00	31.72 2.83 0.00	35.32 3.09 0.00	45.48 4.06 0.00	48.41 4.08 0.00	49.24 4.35 0.00	45.96 4.21 -0.02	48.59 3.89 -1.47	48.16 3.66 -3.41	47.59 3.56 -3.54	45.87 3.63 -2.30	47.30 3.79 -2.35	47.86 3.64 -2.31	50.10 3.83 -1.73	57.68 4.69 -1.97	60.17 4.52 -1.85	61.28 4.54 -1.33	62.02 4.61 -1.24	51.27 3.71 -1.68	42.96 3.68 -0.15	38.53 3.39 -0.16
HOMER_HL_115KV_TB2 355744	32.59 -0.33 0.00	28.63 -1.44 0.00	26.19 -1.76 -0.09	27.34 -1.23 0.00	27.70 -1.18 0.00	31.04 -1.19 0.00	39.93 -1.49 0.00	42.51 -1.82 0.00	42.91 -1.98 0.00	39.81 -1.92 0.00	41.45 -1.77 0.00	39.53 -1.56 0.00	39.19 -1.30 0.00	38.10 -1.84 0.00	39.28 -1.89 0.00	40.01 -1.89 0.00	42.36 -2.18 0.00	48.16 -2.86 0.00	51.80 -1.99 0.00	53.31 -2.11 0.00	54.76 -1.40 0.00	44.49 -1.38 0.00	37.77 -1.37 0.00	34.63 -0.35 0.00
HOWARD_WT_PWR 323690	32.59 -0.33 0.00	28.99 -1.08 0.00	26.90 -1.06 -0.10	27.69 -0.89 0.00	28.16 -0.72 0.00	31.78 -0.45 0.00	41.26 -0.17 0.00	43.97 -0.36 0.00	44.53 -0.36 0.00	41.23 -0.50 0.00	42.75 -0.47 0.00	40.60 -0.49 0.00	40.04 -0.44 0.00	39.10 -0.84 0.00	40.26 -0.91 0.00	40.98 -0.92 0.00	43.57 -0.98 0.00	49.89 -1.12 0.00	53.69 -0.11 0.00	55.58 0.17 0.00	56.79 0.62 0.00	46.23 0.37 0.00	39.02 -0.12 0.00	35.43 0.45 0.00
HQ_GEN_CEDARS 23644	7.83 -1.28 23.80	6.79 -1.02 22.25	5.88 -0.95 21.04	6.19 -0.97 21.41	6.70 -0.95 21.23	13.44 -1.06 17.72	17.60 -1.33 22.49	21.55 -1.46 21.32	31.28 -1.53 12.09	40.27 -1.46 0.00	41.80 -1.43 0.00	39.74 -1.36 0.00	39.15 -1.34 0.00	38.70 -1.24 0.00	39.98 -1.19 0.00	40.73 -1.17 0.00	43.43 -1.11 0.00	49.58 -1.43 0.00	52.45 -1.34 0.00	54.08 -1.33 0.00	54.82 -1.35 0.00	44.90 -0.96 0.00	38.35 -0.78 0.00	34.17 -0.80 0.00
HQ_GEN_CEDARS_PROXY 323590	7.83 -1.28 23.80	6.79 -1.02 22.25	5.88 -0.95 21.04	6.19 -0.97 21.41	6.70 -0.95 21.23	13.44 -1.06 17.72	17.60 -1.33 22.49	21.55 -1.46 21.32	31.28 -1.53 12.09	40.27 -1.46 0.00	41.80 -1.43 0.00	39.78 -1.32 0.00	39.15 -1.34 0.00	38.70 -1.24 0.00	39.97 -1.20 0.00	40.73 -1.17 0.00	43.43 -1.11 0.00	49.58 -1.43 0.00	52.45 -1.34 0.00	54.03 -1.38 0.00	54.82 -1.35 0.00	44.90 -0.97 0.00	38.35 -0.78 0.00	34.18 -0.80 0.00

HQ_GEN_IMPORT 323601	25.25 -0.63 7.04	26.31 -0.48 3.28	24.35 -0.42 3.10	24.99 -0.43 3.15	25.33 -0.43 3.13	29.14 -0.48 2.61	35.10 -0.62 5.70	37.31 -0.71 6.31	40.59 -0.72 3.58	41.06 -0.67 0.00	42.62 -0.61 0.00	40.52 -0.58 0.00	39.92 -0.57 0.00	39.42 -0.52 0.00	40.63 -0.54 0.00	41.40 -0.50 0.00	44.06 -0.49 0.00	50.40 -0.61 0.00	53.20 -0.59 0.00	54.80 -0.61 0.00	55.55 -0.62 0.00	45.36 -0.50 0.00	38.75 -0.39 0.00	34.60 -0.38 0.00
HQ_GEN_WHEEL 23651	25.25 -0.63 7.04	26.31 -0.48 3.28	24.35 -0.42 3.10	24.99 -0.43 3.15	25.33 -0.43 3.13	29.14 -0.48 2.61	35.10 -0.62 5.70	37.31 -0.71 6.31	40.59 -0.72 3.58	41.06 -0.67 0.00	42.62 -0.61 0.00	40.52 -0.58 0.00	39.92 -0.57 0.00	39.42 -0.52 0.00	40.63 -0.54 0.00	41.40 -0.50 0.00	44.06 -0.49 0.00	50.40 -0.61 0.00	53.20 -0.59 0.00	54.80 -0.61 0.00	55.55 -0.62 0.00	45.36 -0.50 0.00	38.75 -0.39 0.00	34.60 -0.38 0.00
HUDSON AVE_GT_3 23810	35.25 2.34 0.00	32.27 2.20 0.00	30.39 2.06 -0.47	30.66 2.09 0.00	30.93 2.05 0.00	34.42 2.19 0.00	44.44 3.02 0.00	48.01 3.68 0.00	48.75 3.86 0.00	45.30 3.55 -0.02	46.77 3.54 0.00	44.51 3.41 0.00	43.81 3.32 0.00	43.26 3.32 0.00	44.63 3.46 0.00	45.29 3.39 0.00	48.07 3.52 0.00	55.20 4.18 0.00	57.72 3.93 0.00	59.24 3.82 0.00	59.99 3.82 0.00	48.94 3.07 0.00	41.84 2.70 0.00	37.32 2.34 0.00
HUDSON AVE_GT_4 23540	35.25 2.34 0.00	32.27 2.20 0.00	30.39 2.06 -0.47	30.66 2.09 0.00	30.93 2.05 0.00	34.42 2.19 0.00	44.44 3.02 0.00	48.01 3.68 0.00	48.75 3.86 0.00	45.30 3.55 -0.02	46.77 3.54 0.00	44.51 3.41 0.00	43.81 3.32 0.00	43.26 3.32 0.00	44.63 3.46 0.00	45.29 3.39 0.00	48.07 3.52 0.00	55.20 4.18 0.00	57.72 3.93 0.00	59.24 3.82 0.00	59.99 3.82 0.00	48.94 3.07 0.00	41.84 2.70 0.00	37.32 2.34 0.00
HUDSON AVE_GT_5 23657	35.25 2.34 0.00	32.27 2.20 0.00	30.39 2.06 -0.47	30.66 2.09 0.00	30.93 2.05 0.00	34.42 2.19 0.00	44.44 3.02 0.00	48.01 3.68 0.00	48.75 3.86 0.00	45.30 3.55 -0.02	46.77 3.54 0.00	44.51 3.41 0.00	43.81 3.32 0.00	43.26 3.32 0.00	44.63 3.46 0.00	45.29 3.39 0.00	48.07 3.52 0.00	55.20 4.18 0.00	57.72 3.93 0.00	59.24 3.82 0.00	59.99 3.82 0.00	48.94 3.07 0.00	41.84 2.70 0.00	37.32 2.34 0.00
HUDSON_AVE_10 24168	35.15 2.24 0.00	32.18 2.10 0.00	30.31 1.98 -0.47	30.57 2.00 0.00	30.85 1.96 0.00	34.32 2.09 0.00	44.32 2.90 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.13 3.38 -0.02	46.64 3.41 0.00	44.34 3.25 0.00	43.65 3.16 0.00	43.10 3.16 0.00	44.50 3.33 0.00	45.17 3.27 0.00	47.93 3.39 0.00	55.09 4.08 0.00	57.61 3.82 0.00	59.12 3.71 0.00	59.88 3.71 0.00	48.80 2.94 0.00	41.76 2.62 0.00	37.25 2.27 0.00
HUDSON___115KV_TB 4 355613	34.23 1.32 0.00	31.36 1.29 0.00	29.49 1.06 -0.57	29.83 1.26 0.00	30.13 1.24 0.00	33.58 1.35 0.00	43.16 1.74 0.00	46.32 1.99 0.00	46.68 1.80 0.00	43.23 1.50 0.00	44.61 1.38 0.00	42.33 1.23 0.00	41.62 1.13 0.00	41.14 1.20 0.00	42.40 1.24 0.00	43.16 1.26 0.00	45.93 1.38 0.00	52.70 1.68 0.00	55.46 1.67 0.00	57.30 1.88 0.00	57.85 1.69 0.00	47.34 1.47 0.00	40.55 1.41 0.00	36.10 1.12 0.00
HUNTER MOUNT___DRP 323613	34.27 1.35 0.00	31.39 1.32 0.00	29.36 0.95 -0.56	29.89 1.31 0.00	30.15 1.27 0.00	33.61 1.39 0.00	43.24 1.82 0.00	46.37 2.04 0.00	46.73 1.84 0.00	43.23 1.50 0.00	44.57 1.34 0.00	42.29 1.19 0.00	41.54 1.05 0.00	41.06 1.12 0.00	42.32 1.15 0.00	43.03 1.13 0.00	45.84 1.29 0.00	52.59 1.58 0.00	55.41 1.61 0.00	57.24 1.83 0.00	57.80 1.63 0.00	47.29 1.42 0.00	40.55 1.41 0.00	36.06 1.08 0.00
HUNTINGTON_RES_REC 323705	36.15 3.23 -0.01	32.90 2.83 0.00	31.01 2.67 -0.47	31.26 2.69 0.00	31.60 2.71 0.00	35.23 3.00 0.00	45.40 3.98 0.00	48.41 4.08 0.00	49.24 4.35 0.00	45.92 4.17 -0.02	48.60 3.89 -1.48	48.19 3.66 -3.44	47.62 3.56 -3.56	45.89 3.63 -2.31	47.32 3.79 -2.36	47.92 3.69 -2.33	50.16 3.87 -1.74	57.69 4.69 -1.99	60.18 4.52 -1.87	61.24 4.49 -1.34	62.03 4.61 -1.25	51.24 3.67 -1.70	42.85 3.56 -0.15	38.42 3.29 -0.16
HUNTLEY___63 23557	32.65 -0.26 0.00	28.57 -1.50 0.00	26.54 -1.39 -0.07	27.20 -1.37 0.00	27.53 -1.36 0.00	30.78 -1.45 0.00	39.47 -1.95 0.00	41.58 -2.75 0.00	42.06 -2.83 0.00	39.10 -2.63 0.00	40.76 -2.46 0.00	38.84 -2.26 0.00	38.71 -1.78 0.00	37.58 -2.36 0.00	38.66 -2.51 0.00	39.34 -2.56 0.00	41.65 -2.90 0.00	47.03 -3.98 0.00	50.73 -3.07 0.00	52.20 -3.21 0.00	53.64 -2.53 0.00	43.67 -2.20 0.00	37.14 -2.00 0.00	34.35 -0.63 0.00
HUNTLEY___64 23558	32.65 -0.26 0.00	28.57 -1.50 0.00	26.54 -1.39 -0.07	27.20 -1.37 0.00	27.53 -1.36 0.00	30.78 -1.45 0.00	39.47 -1.95 0.00	41.58 -2.75 0.00	42.06 -2.83 0.00	39.10 -2.63 0.00	40.76 -2.46 0.00	38.84 -2.26 0.00	38.71 -1.78 0.00	37.58 -2.36 0.00	38.66 -2.51 0.00	39.34 -2.56 0.00	41.65 -2.90 0.00	47.03 -3.98 0.00	50.73 -3.07 0.00	52.20 -3.21 0.00	53.64 -2.53 0.00	43.67 -2.20 0.00	37.14 -2.00 0.00	34.35 -0.63 0.00
HUNTLEY___65 23559	32.65 -0.26 0.00	28.57 -1.50 0.00	26.54 -1.39 -0.07	27.20 -1.37 0.00	27.53 -1.36 0.00	30.78 -1.45 0.00	39.47 -1.95 0.00	41.58 -2.75 0.00	42.06 -2.83 0.00	39.10 -2.63 0.00	40.76 -2.46 0.00	38.84 -2.26 0.00	38.71 -1.78 0.00	37.58 -2.36 0.00	38.66 -2.51 0.00	39.34 -2.56 0.00	41.65 -2.90 0.00	47.03 -3.98 0.00	50.73 -3.07 0.00	52.20 -3.21 0.00	53.64 -2.53 0.00	43.67 -2.20 0.00	37.14 -2.00 0.00	34.35 -0.63 0.00
HUNTLEY___66 23560	32.65 -0.26 0.00	28.57 -1.50 0.00	26.54 -1.39 -0.07	27.20 -1.37 0.00	27.53 -1.36 0.00	30.78 -1.45 0.00	39.47 -1.95 0.00	41.58 -2.75 0.00	42.06 -2.83 0.00	39.10 -2.63 0.00	40.76 -2.46 0.00	38.84 -2.26 0.00	38.71 -1.78 0.00	37.58 -2.36 0.00	38.66 -2.51 0.00	39.34 -2.56 0.00	41.65 -2.90 0.00	47.03 -3.98 0.00	50.73 -3.07 0.00	52.20 -3.21 0.00	53.64 -2.53 0.00	43.67 -2.20 0.00	37.14 -2.00 0.00	34.35 -0.63 0.00
HUNTLEY___67 23561	32.32 -0.59 0.00	28.45 -1.62 0.00	26.40 -1.53 -0.08	27.09 -1.49 0.00	27.41 -1.47 0.00	30.65 -1.58 0.00	39.31 -2.11 0.00	41.40 -2.93 0.00	41.88 -3.01 0.00	38.93 -2.80 0.00	40.59 -2.64 0.00	38.67 -2.42 0.00	38.55 -1.94 0.00	37.42 -2.52 0.00	38.53 -2.63 0.00	39.18 -2.72 0.00	41.47 -3.07 0.00	46.88 -4.13 0.00	50.51 -3.28 0.00	51.98 -3.44 0.00	53.42 -2.75 0.00	43.44 -2.43 0.00	36.95 -2.19 0.00	34.14 -0.84 0.00
HUNTLEY___68 23562	32.32 -0.59 0.00	28.45 -1.62 0.00	26.40 -1.53 -0.08	27.09 -1.49 0.00	27.41 -1.47 0.00	30.65 -1.58 0.00	39.31 -2.11 0.00	41.40 -2.93 0.00	41.88 -3.01 0.00	38.93 -2.80 0.00	40.59 -2.64 0.00	38.67 -2.42 0.00	38.55 -1.94 0.00	37.42 -2.52 0.00	38.53 -2.63 0.00	39.18 -2.72 0.00	41.47 -3.07 0.00	46.88 -4.13 0.00	50.51 -3.28 0.00	51.98 -3.44 0.00	53.42 -2.75 0.00	43.44 -2.43 0.00	36.95 -2.19 0.00	34.14 -0.84 0.00

HYLAND___LFGE 323620	34.07 1.15 0.00	30.10 0.03 0.00	27.86 -0.08 -0.08	28.57 0.00 0.00	28.97 0.09 0.00	32.62 0.39 0.00	42.08 0.66 0.00	44.51 0.18 0.00	44.35 -0.54 0.00	40.61 -1.12 0.00	41.93 -1.30 0.00	39.74 -1.36 0.00	39.31 -1.18 0.00	38.42 -1.52 0.00	39.65 -1.52 0.00	40.56 -1.34 0.00	43.30 -1.25 0.00	49.89 -1.12 0.00	54.22 0.43 0.00	56.80 1.39 0.00	58.19 2.02 0.00	47.34 1.47 0.00	39.80 0.66 0.00	36.03 1.05 0.00
INDECK___CORINTH 23802	34.79 1.88 0.00	31.78 1.71 0.00	30.13 1.67 -0.60	30.32 1.74 0.00	30.56 1.67 0.00	34.16 1.93 0.00	42.83 1.41 0.00	45.84 1.51 0.00	46.23 1.35 0.00	43.07 1.34 0.00	44.52 1.30 0.00	42.37 1.28 0.00	41.62 1.13 0.00	41.10 1.16 0.00	42.32 1.15 0.00	43.03 1.13 0.00	45.66 1.11 0.00	52.19 1.17 0.00	55.03 1.24 0.00	56.80 1.39 0.00	57.46 1.29 0.00	47.11 1.24 0.00	41.41 2.27 0.00	36.80 1.82 0.00
INDECK___ILION 23567	33.68 -0.46 -1.23	30.83 -0.39 -1.15	28.58 -0.36 -1.08	29.31 -0.37 -1.10	29.63 -0.35 -1.10	32.76 -0.39 -0.91	42.08 -0.50 -1.16	44.94 -0.49 -1.10	45.06 -0.45 -0.62	41.31 -0.42 0.00	42.79 -0.43 0.00	40.68 -0.41 0.00	40.08 -0.40 0.00	39.58 -0.36 0.00	40.84 -0.33 0.00	41.56 -0.34 0.00	44.28 -0.27 0.00	50.76 -0.26 0.00	53.58 -0.22 0.00	55.25 -0.17 0.00	56.00 -0.17 0.00	45.78 -0.09 0.00	39.02 -0.12 0.00	34.87 -0.10 0.00
INDECK___OLEAN 23982	32.59 -0.33 0.00	28.63 -1.44 0.00	26.50 -1.45 -0.09	27.35 -1.23 0.00	27.70 -1.19 0.00	31.04 -1.19 0.00	39.93 -1.49 0.00	42.51 -1.82 0.00	42.91 -1.97 0.00	39.85 -1.88 0.00	41.45 -1.77 0.00	39.53 -1.56 0.00	39.19 -1.30 0.00	38.06 -1.88 0.00	39.19 -1.98 0.00	39.97 -1.93 0.00	42.41 -2.14 0.00	48.16 -2.86 0.00	51.81 -1.99 0.00	53.47 -1.94 0.00	54.77 -1.40 0.00	44.67 -1.19 0.00	37.73 -1.41 0.00	34.63 -0.35 0.00
INDECK___OSWEGO 23783	31.66 -0.63 0.63	28.76 -0.72 0.59	26.62 -0.72 0.52	27.27 -0.74 0.56	27.60 -0.72 0.56	31.02 -0.74 0.47	39.92 -0.91 0.59	42.70 -1.06 0.56	43.45 -1.12 0.32	40.73 -1.00 0.00	42.15 -1.08 0.00	40.03 -1.07 0.00	39.48 -1.01 0.00	38.86 -1.08 0.00	40.06 -1.11 0.00	40.77 -1.13 0.00	43.35 -1.20 0.00	49.64 -1.37 0.00	52.50 -1.29 0.00	54.08 -1.33 0.00	54.93 -1.24 0.00	44.86 -1.01 0.00	38.12 -1.02 0.00	34.14 -0.84 0.00
INDECK___YERKES 23781	32.69 -0.23 0.00	28.60 -1.47 0.00	26.60 -1.34 -0.07	27.23 -1.34 0.00	27.56 -1.33 0.00	30.81 -1.42 0.00	39.47 -1.95 0.00	41.67 -2.66 0.00	42.10 -2.78 0.00	39.14 -2.59 0.00	40.81 -2.42 0.00	38.84 -2.26 0.00	38.75 -1.74 0.00	37.58 -2.36 0.00	38.62 -2.55 0.00	39.39 -2.51 0.00	41.78 -2.76 0.00	47.09 -3.93 0.00	50.78 -3.01 0.00	52.47 -2.94 0.00	53.70 -2.47 0.00	44.03 -1.84 0.00	37.18 -1.96 0.00	34.38 -0.59 0.00
INDIAN POINT_GT_1 24139	34.86 1.94 0.00	31.93 1.86 0.00	30.08 1.76 -0.46	30.34 1.77 0.00	30.65 1.76 0.00	34.10 1.87 0.00	43.95 2.53 0.00	47.34 3.01 0.00	48.07 3.19 0.00	44.69 2.96 0.01	46.17 2.94 0.00	43.89 2.79 0.00	43.20 2.71 0.00	42.70 2.76 0.00	44.01 2.84 0.00	44.75 2.85 0.00	47.49 2.94 0.00	54.63 3.62 0.00	57.18 3.39 0.00	58.79 3.38 0.00	59.54 3.37 0.00	48.53 2.66 0.00	41.49 2.35 0.00	37.01 2.03 0.00
INDIAN POINT_GT_2 23659	34.86 1.94 0.00	31.93 1.86 0.00	30.08 1.76 -0.46	30.34 1.77 0.00	30.65 1.76 0.00	34.10 1.87 0.00	43.95 2.53 0.00	47.34 3.01 0.00	48.07 3.19 0.00	44.69 2.96 0.01	46.17 2.94 0.00	43.89 2.79 0.00	43.20 2.71 0.00	42.70 2.76 0.00	44.01 2.84 0.00	44.75 2.85 0.00	47.49 2.94 0.00	54.63 3.62 0.00	57.18 3.39 0.00	58.79 3.38 0.00	59.54 3.37 0.00	48.53 2.66 0.00	41.49 2.35 0.00	37.01 2.03 0.00
INDIAN POINT_GT_3 24019	34.86 1.94 0.00	31.93 1.86 0.00	30.08 1.76 -0.46	30.34 1.77 0.00	30.65 1.76 0.00	34.10 1.87 0.00	43.95 2.53 0.00	47.34 3.01 0.00	48.07 3.19 0.00	44.69 2.96 0.01	46.17 2.94 0.00	43.89 2.79 0.00	43.20 2.71 0.00	42.70 2.76 0.00	44.01 2.84 0.00	44.75 2.85 0.00	47.49 2.94 0.00	54.63 3.62 0.00	57.18 3.39 0.00	58.79 3.38 0.00	59.54 3.37 0.00	48.53 2.66 0.00	41.49 2.35 0.00	37.01 2.03 0.00
INDIAN POINT___2 23530	34.82 1.91 0.00	31.91 1.83 0.00	30.05 1.73 -0.46	30.32 1.74 0.00	30.62 1.73 0.00	34.06 1.84 0.00	43.95 2.53 0.00	47.30 2.97 0.00	48.03 3.14 0.00	44.64 2.92 0.01	46.12 2.90 0.00	43.85 2.75 0.00	43.16 2.67 0.00	42.66 2.72 0.00	44.01 2.84 0.00	44.66 2.76 0.00	47.40 2.85 0.00	54.53 3.52 0.00	57.13 3.34 0.00	58.68 3.27 0.00	59.42 3.26 0.00	48.34 2.48 0.00	41.41 2.27 0.00	36.97 1.99 0.00
INDIAN POINT___3 23531	34.83 1.91 0.00	31.90 1.83 0.00	30.05 1.73 -0.46	30.32 1.74 0.00	30.62 1.73 0.00	34.06 1.84 0.00	43.91 2.49 0.00	47.30 2.97 0.00	48.03 3.14 0.00	44.65 2.92 0.01	46.12 2.90 0.00	43.85 2.75 0.00	43.16 2.67 0.00	42.62 2.68 0.00	43.97 2.80 0.00	44.67 2.77 0.00	47.40 2.85 0.00	54.53 3.52 0.00	57.08 3.28 0.00	58.68 3.27 0.00	59.43 3.26 0.00	48.44 2.57 0.00	41.41 2.27 0.00	36.94 1.96 0.00
INGHAM_C_115KV_TB7 356103	32.89 -1.25 -1.23	30.11 -1.11 -1.15	27.92 -1.03 -1.08	28.62 -1.06 -1.10	28.94 -1.04 -1.10	32.01 -1.13 -0.91	41.13 -1.45 -1.16	43.97 -1.46 -1.10	44.03 -1.48 -0.62	40.35 -1.38 0.00	41.84 -1.38 0.00	39.86 -1.23 0.00	39.23 -1.26 0.00	38.78 -1.16 0.00	40.06 -1.11 0.00	40.81 -1.09 0.00	43.48 -1.07 0.00	49.89 -1.12 0.00	52.72 -1.08 0.00	54.41 -1.00 0.00	55.27 -0.90 0.00	45.18 -0.69 0.00	38.55 -0.59 0.00	34.45 -0.52 0.00
IP CORINTH___1 23988	34.79 1.88 0.00	31.78 1.71 0.00	30.13 1.67 -0.60	30.32 1.74 0.00	30.56 1.68 0.00	34.16 1.93 0.00	44.11 2.69 0.00	46.19 1.86 0.00	46.50 1.62 0.00	43.27 1.54 0.00	44.78 1.56 0.00	42.58 1.48 0.00	41.82 1.34 0.00	41.30 1.36 0.00	42.53 1.36 0.00	43.24 1.34 0.00	45.88 1.34 0.00	52.49 1.48 0.00	55.30 1.51 0.00	57.19 1.77 0.00	57.74 1.57 0.00	47.38 1.51 0.00	41.37 2.23 0.00	36.80 1.82 0.00
IP___TICONDEROGA 23804	35.52 2.60 0.00	32.45 2.38 0.00	30.80 2.34 -0.60	31.03 2.46 0.00	31.22 2.34 0.00	35.00 2.77 0.00	45.40 3.98 0.00	47.61 3.28 0.00	47.63 2.74 0.00	44.28 2.55 0.00	45.73 2.51 0.00	43.56 2.47 0.00	42.72 2.23 0.00	42.14 2.20 0.00	43.31 2.14 0.00	44.08 2.18 0.00	46.86 2.32 0.00	53.61 2.60 0.00	56.81 3.01 0.00	58.79 3.38 0.00	59.43 3.26 0.00	48.71 2.84 0.00	42.35 3.21 0.00	37.64 2.66 0.00
ISLIP_RES_REC 323679	36.41 3.49 -0.01	33.08 3.01 0.00	31.20 2.87 -0.47	31.46 2.88 0.00	31.83 2.95 0.00	35.48 3.25 0.00	45.65 4.23 0.00	48.63 4.30 0.00	49.51 4.62 0.00	46.17 4.42 -0.02	48.92 4.15 -1.55	48.54 3.86 -3.58	47.97 3.77 -3.71	46.19 3.83 -2.41	47.62 3.99 -2.46	48.22 3.90 -2.43	50.45 4.10 -1.81	58.14 5.05 -2.07	60.63 4.89 -1.94	61.68 4.88 -1.39	62.42 4.94 -1.31	51.62 3.99 -1.77	43.17 3.88 -0.15	38.71 3.57 -0.16

JAMAICA__27_KV_LOAD 355505	35.15 2.24 0.00	32.18 2.10 0.00	30.31 1.98 -0.47	30.57 2.00 0.00	30.82 1.94 0.00	34.32 2.09 0.00	44.28 2.86 0.00	47.92 3.59 0.00	48.66 3.77 0.00	44.87 3.13 -0.01	46.56 3.33 0.00	44.18 3.08 0.00	43.53 3.04 0.00	42.94 3.00 0.00	44.42 3.25 0.00	45.08 3.18 0.00	47.89 3.34 0.00	55.14 4.13 0.00	57.67 3.87 0.00	59.24 3.82 0.00	59.99 3.82 0.00	48.80 2.94 0.00	41.88 2.74 0.00	37.32 2.34 0.00
JANIS__SOLAR 323808	34.07 1.15 0.00	30.91 0.84 0.00	28.66 0.67 -0.13	29.34 0.77 0.00	29.84 0.95 0.00	33.42 1.19 0.00	43.29 1.87 0.00	46.19 1.86 0.00	47.00 2.11 0.00	43.32 1.59 0.00	44.61 1.38 0.00	42.24 1.15 0.00	41.50 1.01 0.00	40.78 0.84 0.00	42.07 0.90 0.00	42.99 1.09 0.00	46.20 1.65 0.00	53.56 2.55 0.00	57.24 3.45 0.00	59.35 3.93 0.00	60.49 4.33 0.00	49.12 3.26 0.00	41.45 2.31 0.00	37.01 2.03 0.00
JARVIS____ 23743	34.24 0.10 -1.23	31.31 0.09 -1.15	29.03 0.08 -1.08	29.76 0.09 -1.10	30.07 0.09 -1.10	33.24 0.10 -0.91	42.70 0.12 -1.16	45.56 0.13 -1.10	45.69 0.18 -0.62	41.86 0.13 0.00	43.36 0.13 0.00	41.22 0.12 0.00	40.61 0.12 0.00	40.06 0.12 0.00	41.29 0.12 0.00	42.03 0.13 0.00	44.68 0.13 0.00	51.22 0.20 0.00	53.96 0.16 0.00	55.58 0.17 0.00	56.34 0.17 0.00	46.01 0.14 0.00	39.25 0.12 0.00	35.08 0.11 0.00
JENNISON____1 23625	34.07 1.15 0.00	31.00 0.93 0.00	28.81 0.78 -0.17	29.49 0.91 0.00	29.98 1.10 0.00	33.52 1.29 0.00	43.28 1.86 0.00	46.37 2.04 0.00	48.79 3.91 0.00	45.11 3.38 0.00	46.51 3.29 0.00	44.10 3.00 0.00	43.12 2.63 0.00	42.42 2.48 0.00	43.85 2.68 0.00	44.79 2.89 0.00	48.11 3.56 0.00	55.86 4.85 0.00	59.39 5.59 0.00	61.62 6.21 0.00	62.80 6.63 0.00	50.96 5.09 0.00	42.93 3.80 0.00	38.23 3.25 0.00
JENNISON____2 23626	34.07 1.15 0.00	31.00 0.93 0.00	28.81 0.78 -0.17	29.49 0.91 0.00	29.98 1.10 0.00	33.52 1.29 0.00	43.28 1.86 0.00	46.37 2.04 0.00	48.79 3.91 0.00	45.11 3.38 0.00	46.51 3.29 0.00	44.10 3.00 0.00	43.12 2.63 0.00	42.42 2.48 0.00	43.85 2.68 0.00	44.79 2.89 0.00	48.11 3.56 0.00	55.86 4.85 0.00	59.39 5.59 0.00	61.62 6.21 0.00	62.80 6.63 0.00	50.96 5.09 0.00	42.93 3.80 0.00	38.23 3.25 0.00
JERICOHO_RISE_WT_PWR 323719	6.27 -1.81 24.83	5.32 -1.53 23.22	4.49 -1.42 21.95	4.78 -1.46 22.34	5.32 -1.41 22.15	12.25 -1.48 18.49	16.17 -1.78 23.47	20.14 -1.95 22.24	30.31 -1.97 12.61	40.02 -1.71 0.00	41.63 -1.60 0.00	39.62 -1.48 0.00	39.03 -1.46 0.00	38.66 -1.28 0.00	39.94 -1.23 0.00	40.73 -1.17 0.00	43.48 -1.07 0.00	49.69 -1.33 0.00	52.56 -1.24 0.00	54.14 -1.27 0.00	54.88 -1.29 0.00	44.81 -1.05 0.00	38.35 -0.78 0.00	34.18 -0.80 0.00
KATONAH__115KV_46KV_TB4 355592	35.02 2.11 0.00	32.09 2.01 0.00	30.23 1.89 -0.47	30.52 1.94 0.00	30.79 1.91 0.00	34.26 2.03 0.00	44.15 2.73 0.00	47.57 3.24 0.00	48.34 3.46 0.00	44.94 3.21 0.00	46.38 3.16 0.00	44.10 3.00 0.00	43.48 3.00 0.00	42.94 3.00 0.00	44.30 3.13 0.00	45.04 3.14 0.00	47.84 3.30 0.00	54.99 3.98 0.00	57.61 3.82 0.00	59.18 3.77 0.00	59.93 3.76 0.00	48.80 2.94 0.00	41.72 2.58 0.00	37.18 2.20 0.00
KCE_NY_1 323755	34.73 1.81 0.00	31.75 1.68 0.00	30.08 1.62 -0.60	30.26 1.69 0.00	30.50 1.62 0.00	34.06 1.84 0.00	43.57 2.15 0.00	46.68 2.35 0.00	47.18 2.29 0.00	43.86 2.13 0.00	45.34 2.12 0.00	43.11 2.01 0.00	42.39 1.90 0.00	41.86 1.92 0.00	43.10 1.94 0.00	43.83 1.93 0.00	46.60 2.05 0.00	53.31 2.30 0.00	56.11 2.31 0.00	57.91 2.50 0.00	58.58 2.41 0.00	47.93 2.07 0.00	41.25 2.11 0.00	36.69 1.71 0.00
KCE_NY_6_ESR 323823	32.72 -0.20 0.00	28.66 -1.41 0.00	26.63 -1.31 -0.08	27.32 -1.26 0.00	27.64 -1.24 0.00	30.94 -1.29 0.00	39.72 -1.70 0.00	42.02 -2.31 0.00	42.46 -2.42 0.00	39.48 -2.25 0.00	41.11 -2.12 0.00	39.12 -1.97 0.00	38.95 -1.54 0.00	37.82 -2.12 0.00	38.90 -2.26 0.00	39.68 -2.22 0.00	42.10 -2.45 0.00	47.54 -3.47 0.00	51.21 -2.58 0.00	52.92 -2.49 0.00	54.15 -2.02 0.00	44.31 -1.56 0.00	37.42 -1.72 0.00	34.52 -0.46 0.00
KEDC_PORT_JEFF_GT2 24210	36.28 3.36 -0.01	32.96 2.89 0.00	31.12 2.79 -0.47	31.34 2.77 0.00	31.72 2.83 0.00	35.35 3.13 0.00	45.48 4.06 0.00	48.41 4.08 0.00	49.29 4.40 0.00	45.96 4.21 -0.02	48.55 3.89 -1.44	48.08 3.66 -3.32	47.50 3.56 -3.45	45.81 3.63 -2.24	47.24 3.79 -2.29	47.84 3.69 -2.25	50.10 3.87 -1.68	57.68 4.74 -1.92	60.17 4.57 -1.80	61.30 4.60 -1.29	62.04 4.66 -1.21	51.27 3.76 -1.64	42.96 3.68 -0.14	38.52 3.39 -0.15
KEDC_PORT_JEFF_GT3 24211	36.28 3.36 -0.01	32.96 2.89 0.00	31.12 2.79 -0.47	31.34 2.77 0.00	31.72 2.83 0.00	35.35 3.13 0.00	45.48 4.06 0.00	48.41 4.08 0.00	49.29 4.40 0.00	45.96 4.21 -0.02	48.55 3.89 -1.44	48.08 3.66 -3.32	47.50 3.56 -3.45	45.81 3.63 -2.24	47.24 3.79 -2.29	47.84 3.69 -2.25	50.10 3.87 -1.68	57.68 4.74 -1.92	60.17 4.57 -1.80	61.30 4.60 -1.29	62.04 4.66 -1.21	51.27 3.76 -1.64	42.96 3.68 -0.14	38.52 3.39 -0.15
KEDC_GLWD_GT4 24219	35.66 2.73 -0.02	32.54 2.47 0.00	30.67 2.34 -0.47	30.92 2.34 0.00	31.22 2.34 0.00	34.77 2.55 0.00	44.90 3.48 0.00	48.18 3.85 0.00	48.93 4.04 0.00	45.67 3.84 -0.11	54.24 3.59 -7.43	61.74 3.41 -17.23	61.68 3.32 -17.87	54.88 3.36 -11.59	56.47 3.46 -11.84	56.96 3.39 -11.67	56.77 3.52 -8.71	65.15 4.18 -9.96	67.05 3.92 -9.33	65.91 3.82 -6.67	66.36 3.93 -6.26	57.44 3.07 -8.50	42.83 2.97 -0.72	38.44 2.69 -0.77
KEDC_GLWD_GT5 24220	35.66 2.73 -0.02	32.54 2.47 0.00	30.67 2.34 -0.47	30.92 2.34 0.00	31.22 2.34 0.00	34.77 2.55 0.00	44.90 3.48 0.00	48.18 3.85 0.00	48.93 4.04 0.00	45.67 3.84 -0.11	54.24 3.59 -7.43	61.74 3.41 -17.23	61.68 3.32 -17.87	54.88 3.36 -11.59	56.47 3.46 -11.84	56.96 3.39 -11.67	56.77 3.52 -8.71	65.15 4.18 -9.96	67.05 3.92 -9.33	65.91 3.82 -6.67	66.36 3.93 -6.26	57.44 3.07 -8.50	42.83 2.97 -0.72	38.44 2.69 -0.77
KENSICO____ 23655	34.92 2.01 0.00	32.00 1.92 0.00	30.14 1.81 -0.47	30.40 1.83 0.00	30.70 1.82 0.00	34.16 1.93 0.00	44.03 2.61 0.00	47.48 3.15 0.00	48.21 3.32 0.00	44.81 3.09 0.01	46.30 3.07 0.00	44.01 2.92 0.00	43.32 2.83 0.00	42.82 2.88 0.00	44.13 2.96 0.00	44.83 2.93 0.00	47.58 3.03 0.00	54.74 3.72 0.00	57.29 3.50 0.00	58.90 3.49 0.00	59.65 3.48 0.00	48.62 2.75 0.00	41.56 2.43 0.00	37.08 2.10 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.89 1.97 0.00	31.97 1.89 0.00	30.07 1.76 -0.45	30.34 1.77 0.00	30.67 1.79 0.00	34.16 1.93 0.00	43.99 2.57 0.00	47.39 3.06 0.00	48.07 3.19 0.00	44.57 2.84 0.00	45.99 2.77 0.00	43.64 2.55 0.00	42.92 2.43 0.00	42.38 2.44 0.00	43.72 2.55 0.00	44.41 2.51 0.00	47.22 2.67 0.00	54.38 3.37 0.00	57.08 3.28 0.00	58.74 3.32 0.00	59.43 3.26 0.00	48.44 2.57 0.00	41.41 2.27 0.00	36.87 1.89 0.00

KIAC_JFK_GT1 23816	34.96 2.04 0.00	32.00 1.92 0.00	30.17 1.84 -0.47	30.43 1.86 0.00	30.67 1.79 0.00	34.13 1.90 0.00	43.91 2.49 0.00	47.48 3.15 0.00	48.21 3.32 0.00	44.49 2.75 -0.01	46.17 2.94 0.00	43.77 2.67 0.00	43.16 2.67 0.00	42.58 2.64 0.00	44.01 2.84 0.00	44.71 2.81 0.00	47.49 2.94 0.00	54.63 3.62 0.00	57.13 3.34 0.00	58.68 3.27 0.00	59.43 3.26 0.00	48.34 2.48 0.00	41.64 2.50 0.00	37.11 2.13 0.00
KIAC_JFK_GT2 23817	34.96 2.04 0.00	32.00 1.92 0.00	30.17 1.84 -0.47	30.43 1.86 0.00	30.67 1.79 0.00	34.13 1.90 0.00	43.91 2.49 0.00	47.48 3.15 0.00	48.21 3.32 0.00	44.49 2.75 -0.01	46.17 2.94 0.00	43.77 2.67 0.00	43.16 2.67 0.00	42.58 2.64 0.00	44.01 2.84 0.00	44.71 2.81 0.00	47.49 2.94 0.00	54.63 3.62 0.00	57.13 3.34 0.00	58.68 3.27 0.00	59.43 3.26 0.00	48.34 2.48 0.00	41.64 2.50 0.00	37.11 2.13 0.00
KIAC_JFK____ 323774	34.96 2.04 0.00	32.00 1.93 0.00	30.17 1.84 -0.47	30.43 1.86 0.00	30.68 1.79 0.00	34.13 1.90 0.00	43.99 2.57 0.00	47.48 3.15 0.00	48.21 3.32 0.00	44.45 2.71 -0.01	46.17 2.94 0.00	43.77 2.67 0.00	43.12 2.63 0.00	42.54 2.59 0.00	43.97 2.80 0.00	44.29 2.39 0.00	47.44 2.89 0.00	54.63 3.62 0.00	57.13 3.34 0.00	58.57 3.16 0.00	59.42 3.26 0.00	48.25 2.38 0.00	41.33 2.19 0.00	37.11 2.13 0.00
KINTIGH__24_KV_GSU 356498	32.29 -0.63 0.00	28.66 -1.41 0.00	26.70 -1.23 -0.06	27.26 -1.31 0.00	27.58 -1.30 0.00	30.81 -1.42 0.00	39.47 -1.95 0.00	41.63 -2.70 0.00	42.15 -2.74 0.00	39.23 -2.50 0.00	40.85 -2.38 0.00	38.92 -2.18 0.00	38.71 -1.78 0.00	37.70 -2.24 0.00	38.82 -2.35 0.00	39.43 -2.47 0.00	41.78 -2.76 0.00	47.29 -3.72 0.00	50.78 -3.01 0.00	52.31 -3.10 0.00	53.64 -2.53 0.00	43.62 -2.25 0.00	37.06 -2.07 0.00	34.10 -0.87 0.00
KINTIGH____ 23543	32.29 -0.63 0.00	28.66 -1.41 0.00	26.70 -1.23 -0.06	27.26 -1.31 0.00	27.58 -1.30 0.00	30.81 -1.42 0.00	39.47 -1.95 0.00	41.63 -2.70 0.00	42.15 -2.74 0.00	39.23 -2.50 0.00	40.85 -2.38 0.00	38.92 -2.18 0.00	38.71 -1.78 0.00	37.70 -2.24 0.00	38.82 -2.35 0.00	39.43 -2.47 0.00	41.78 -2.76 0.00	47.29 -3.72 0.00	50.78 -3.01 0.00	52.31 -3.10 0.00	53.64 -2.53 0.00	43.62 -2.25 0.00	37.06 -2.07 0.00	34.10 -0.87 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	6.53 -1.22 25.17	5.55 -0.99 23.53	4.67 -0.95 22.24	4.93 -1.00 22.64	5.48 -0.95 22.45	12.52 -0.97 18.74	16.56 -1.08 23.78	20.63 -1.15 22.54	30.85 -1.26 12.78	40.69 -1.04 0.00	42.32 -0.91 0.00	40.19 -0.90 0.00	39.64 -0.85 0.00	39.26 -0.68 0.00	40.59 -0.58 0.00	41.36 -0.54 0.00	44.23 -0.31 0.00	50.66 -0.36 0.00	53.63 -0.16 0.00	55.25 -0.17 0.00	56.06 -0.11 0.00	45.73 -0.14 0.00	39.10 -0.04 0.00	34.80 -0.17 0.00
LACHUTE____HYDRO 323717	35.52 2.60 0.00	32.45 2.38 0.00	30.80 2.34 -0.60	31.03 2.46 0.00	31.22 2.34 0.00	35.00 2.77 0.00	44.44 3.02 0.00	47.52 3.19 0.00	47.63 2.74 0.00	44.28 2.55 0.00	45.78 2.55 0.00	43.56 2.47 0.00	42.71 2.23 0.00	42.14 2.20 0.00	43.31 2.14 0.00	44.08 2.18 0.00	46.86 2.31 0.00	53.61 2.60 0.00	56.75 2.96 0.00	58.79 3.38 0.00	59.42 3.26 0.00	48.67 2.80 0.00	42.38 3.25 0.00	37.64 2.66 0.00
LAWRNCV_115KV_TB1 80681	9.88 -2.04 20.99	8.79 -1.65 19.63	7.75 -1.56 18.56	8.09 -1.60 18.89	8.60 -1.56 18.73	14.89 -1.71 15.63	19.47 -2.11 19.84	23.22 -2.31 18.81	31.76 -2.47 10.66	39.39 -2.34 0.00	40.85 -2.38 0.00	38.84 -2.26 0.00	38.18 -2.31 0.00	37.82 -2.12 0.00	39.07 -2.10 0.00	39.81 -2.10 0.00	42.54 -2.00 0.00	48.67 -2.35 0.00	51.54 -2.26 0.00	53.14 -2.27 0.00	53.87 -2.30 0.00	44.08 -1.79 0.00	37.61 -1.53 0.00	33.48 -1.50 0.00
LEDERLE____ 23769	34.96 2.04 0.00	32.00 1.92 0.00	30.12 1.81 -0.45	30.40 1.83 0.00	30.70 1.82 0.00	34.16 1.93 0.00	44.03 2.61 0.00	47.48 3.15 0.00	48.21 3.32 0.00	44.86 3.13 0.00	46.34 3.11 0.00	44.01 2.92 0.00	43.32 2.83 0.00	42.78 2.84 0.00	44.13 2.96 0.00	44.79 2.89 0.00	47.58 3.03 0.00	54.74 3.72 0.00	57.29 3.50 0.00	58.90 3.49 0.00	59.65 3.48 0.00	48.62 2.75 0.00	41.56 2.43 0.00	37.04 2.06 0.00
LIGHTHSE_115KV_TB6 355974	30.68 -0.56 1.68	27.87 -0.63 1.57	25.77 -0.64 1.45	26.43 -0.63 1.51	26.81 -0.58 1.50	30.40 -0.58 1.25	39.17 -0.66 1.59	42.03 -0.80 1.50	43.09 -0.94 0.85	40.85 -0.88 0.00	42.23 -0.99 0.00	40.07 -1.03 0.00	39.40 -1.09 0.00	38.86 -1.08 0.00	40.14 -1.03 0.00	40.89 -1.01 0.00	43.48 -1.07 0.00	49.94 -1.07 0.00	52.99 -0.81 0.00	54.69 -0.72 0.00	55.72 -0.45 0.00	45.36 -0.50 0.00	38.47 -0.67 0.00	34.38 -0.59 0.00
LINDEN COGEN____ 23786	35.05 2.14 0.00	32.08 2.01 0.00	30.23 1.90 -0.47	30.49 1.91 0.00	30.76 1.88 0.00	34.23 2.00 0.00	39.45 2.86 4.83	41.38 3.41 6.36	40.37 3.59 8.11	39.85 3.38 5.26	38.68 3.33 7.88	38.68 3.16 5.58	37.88 3.12 5.73	37.20 3.15 5.90	37.15 3.29 7.31	37.40 3.14 7.64	39.72 3.21 8.04	43.13 3.88 11.76	45.64 3.55 11.70	47.68 3.44 11.17	55.55 3.48 4.10	42.88 2.71 5.69	38.34 2.47 3.26	36.46 2.17 0.69
LINDHRST_69_KV_BK1 356055	36.22 3.29 -0.01	32.96 2.89 0.00	31.06 2.73 -0.47	31.29 2.71 0.00	31.66 2.77 0.00	35.29 3.06 0.00	45.11 3.69 0.00	48.50 4.17 0.00	49.33 4.44 0.00	46.07 4.30 -0.05	50.22 3.85 -3.14	52.00 3.62 -7.29	51.57 3.52 -7.55	48.40 3.55 -4.90	49.84 3.66 -5.01	50.48 3.65 -4.94	52.06 3.83 -3.68	59.76 4.54 -4.21	62.16 4.41 -3.95	62.67 4.43 -2.82	63.31 4.49 -2.65	53.13 3.67 -3.59	43.04 3.60 -0.30	38.62 3.32 -0.32
LIPA_MISC_IPP 23656	36.15 3.23 -0.01	32.87 2.80 0.00	31.03 2.70 -0.47	31.29 2.71 0.00	31.66 2.77 0.00	35.26 3.03 0.00	44.90 3.48 0.00	48.23 3.90 0.00	49.15 4.26 0.00	45.88 4.13 -0.02	48.29 3.67 -1.38	47.75 3.45 -3.20	47.17 3.36 -3.32	45.53 3.43 -2.16	46.95 3.58 -2.20	47.63 3.56 -2.17	49.86 3.70 -1.62	57.36 4.49 -1.85	59.84 4.30 -1.74	61.03 4.38 -1.25	61.72 4.38 -1.17	51.07 3.62 -1.58	42.84 3.56 -0.14	38.41 3.29 -0.15
LISF__SOLAR 323691	36.22 3.29 -0.01	32.93 2.86 0.00	31.09 2.76 -0.47	31.34 2.77 0.00	31.72 2.83 0.00	35.29 3.06 0.00	45.44 4.02 0.00	48.32 3.99 0.00	49.20 4.31 0.00	45.88 4.13 -0.02	48.39 3.76 -1.40	47.84 3.49 -3.25	47.26 3.40 -3.37	45.64 3.52 -2.19	47.07 3.66 -2.23	47.62 3.52 -2.20	49.89 3.70 -1.64	57.49 4.59 -1.88	59.97 4.41 -1.76	61.16 4.49 -1.26	61.85 4.50 -1.18	51.14 3.67 -1.60	42.88 3.60 -0.14	38.49 3.36 -0.15
LITTLE FALLS__HYD 24013	32.89 -1.25 -1.23	30.11 -1.11 -1.15	27.92 -1.03 -1.08	28.62 -1.06 -1.10	28.94 -1.04 -1.10	32.01 -1.13 -0.91	41.13 -1.45 -1.16	43.97 -1.46 -1.10	44.03 -1.48 -0.62	40.35 -1.38 0.00	41.84 -1.38 0.00	39.86 -1.23 0.00	39.23 -1.26 0.00	38.78 -1.16 0.00	40.06 -1.11 0.00	40.81 -1.09 0.00	43.48 -1.07 0.00	49.89 -1.12 0.00	52.72 -1.08 0.00	54.41 -1.00 0.00	55.27 -0.90 0.00	45.18 -0.69 0.00	38.55 -0.59 0.00	34.45 -0.52 0.00

LITTLRIV_115KV_TB1 356100	10.61 -1.78 20.53	9.49 -1.38 19.20	8.40 -1.31 18.15	8.79 -1.31 18.47	9.30 -1.27 18.32	15.55 -1.39 15.29	20.36 -1.66 19.40	24.07 -1.86 18.39	32.40 -2.06 10.43	39.64 -2.09 0.00	41.11 -2.12 0.00	39.04 -2.05 0.00	38.34 -2.15 0.00	37.98 -1.96 0.00	39.28 -1.89 0.00	40.06 -1.84 0.00	42.85 -1.69 0.00	49.13 -1.89 0.00	52.13 -1.67 0.00	53.86 -1.55 0.00	54.65 -1.52 0.00	44.68 -1.19 0.00	38.04 -1.10 0.00	33.79 -1.19 0.00
LI_NEWBRDGE___DRP 323616	35.69 2.76 -0.01	32.51 2.44 0.00	30.64 2.31 -0.47	30.89 2.31 0.00	31.22 2.34 0.00	34.81 2.58 0.00	44.53 3.11 0.00	47.92 3.59 0.00	48.70 3.82 0.00	45.45 3.71 0.00	46.90 3.33 -0.34	45.04 3.16 -0.78	44.37 3.08 -0.81	43.54 3.08 -0.53	44.88 3.17 -0.54	45.53 3.10 -0.53	48.15 3.21 -0.40	55.24 3.77 -0.45	57.82 3.60 -0.42	59.26 3.55 -0.31	60.11 3.65 -0.29	49.24 2.98 -0.39	42.11 2.94 -0.03	37.71 2.69 -0.04
LOCKPORT_115KV_TB60_63_64 80432	32.26 -0.66 0.00	28.33 -1.74 0.00	26.34 -1.59 -0.07	26.97 -1.60 0.00	27.30 -1.59 0.00	30.52 -1.71 0.00	39.10 -2.32 0.00	41.18 -3.15 0.00	41.66 -3.23 0.00	38.68 -3.05 0.00	40.33 -2.90 0.00	38.42 -2.67 0.00	38.30 -2.19 0.00	37.19 -2.76 0.00	38.29 -2.88 0.00	38.93 -2.97 0.00	41.21 -3.34 0.00	46.57 -4.44 0.00	50.24 -3.55 0.00	51.70 -3.71 0.00	53.19 -2.98 0.00	43.25 -2.61 0.00	36.75 -2.39 0.00	34.00 -0.98 0.00
LOCKPORT___CC1 323769	32.26 -0.66 0.00	28.36 -1.71 0.00	26.37 -1.56 -0.07	27.00 -1.57 0.00	27.32 -1.56 0.00	30.55 -1.68 0.00	39.14 -2.28 0.00	41.23 -3.10 0.00	41.65 -3.23 0.00	38.77 -2.96 0.00	40.37 -2.85 0.00	38.43 -2.67 0.00	38.30 -2.19 0.00	37.19 -2.76 0.00	38.20 -2.96 0.00	38.93 -2.97 0.00	41.34 -3.21 0.00	46.57 -4.44 0.00	50.24 -3.55 0.00	51.98 -3.44 0.00	53.19 -2.98 0.00	43.58 -2.29 0.00	36.79 -2.35 0.00	34.04 -0.94 0.00
LOCKPORT___CC2 323770	32.26 -0.66 0.00	28.36 -1.71 0.00	26.37 -1.56 -0.07	27.00 -1.57 0.00	27.32 -1.56 0.00	30.55 -1.68 0.00	39.14 -2.28 0.00	41.23 -3.10 0.00	41.65 -3.23 0.00	38.77 -2.96 0.00	40.37 -2.85 0.00	38.43 -2.67 0.00	38.30 -2.19 0.00	37.19 -2.76 0.00	38.20 -2.96 0.00	38.93 -2.97 0.00	41.34 -3.21 0.00	46.57 -4.44 0.00	50.24 -3.55 0.00	51.98 -3.44 0.00	53.19 -2.98 0.00	43.58 -2.29 0.00	36.79 -2.35 0.00	34.04 -0.94 0.00
LOCKPORT___CC3 323771	32.26 -0.66 0.00	28.36 -1.71 0.00	26.37 -1.56 -0.07	27.00 -1.57 0.00	27.32 -1.56 0.00	30.55 -1.68 0.00	39.14 -2.28 0.00	41.23 -3.10 0.00	41.65 -3.23 0.00	38.77 -2.96 0.00	40.37 -2.85 0.00	38.43 -2.67 0.00	38.30 -2.19 0.00	37.19 -2.76 0.00	38.20 -2.96 0.00	38.93 -2.97 0.00	41.34 -3.21 0.00	46.57 -4.44 0.00	50.24 -3.55 0.00	51.98 -3.44 0.00	53.19 -2.98 0.00	43.58 -2.29 0.00	36.79 -2.35 0.00	34.04 -0.94 0.00
LOCUSVLY_69_KV_BK2 55797	35.96 3.03 -0.01	32.75 2.68 0.00	30.84 2.51 -0.47	31.12 2.54 0.00	31.43 2.54 0.00	35.03 2.80 0.00	44.94 3.52 0.00	48.41 4.08 0.00	49.24 4.35 0.00	45.99 4.17 -0.09	53.07 3.89 -5.95	58.61 3.70 -13.81	58.45 3.64 -14.32	52.86 3.63 -9.29	54.40 3.75 -9.49	54.94 3.69 -9.35	55.36 3.83 -6.98	63.54 4.54 -7.98	65.64 4.36 -7.48	65.08 4.32 -5.35	65.57 4.38 -5.02	56.21 3.53 -6.81	43.01 3.29 -0.58	38.57 2.97 -0.62
LONG_LAKE_PHOENIX 24014	32.39 -0.53 0.00	29.41 -0.66 0.00	27.23 -0.67 -0.04	27.89 -0.69 0.00	28.22 -0.66 0.00	31.55 -0.68 0.00	40.63 -0.79 0.00	43.40 -0.93 0.00	43.94 -0.94 0.00	40.85 -0.88 0.00	42.32 -0.91 0.00	40.19 -0.90 0.00	39.64 -0.85 0.00	39.02 -0.92 0.00	40.22 -0.95 0.00	40.94 -0.96 0.00	43.48 -1.07 0.00	49.79 -1.22 0.00	52.72 -1.08 0.00	54.25 -1.16 0.00	55.16 -1.01 0.00	44.95 -0.92 0.00	38.24 -0.90 0.00	34.24 -0.73 0.00
LOVETT___3 23632	34.83 1.91 0.00	31.90 1.83 0.00	30.04 1.73 -0.46	30.32 1.74 0.00	30.62 1.73 0.00	34.06 1.84 0.00	43.91 2.49 0.00	47.30 2.97 0.00	48.03 3.14 0.00	44.65 2.92 0.00	46.12 2.90 0.00	43.85 2.75 0.00	43.16 2.67 0.00	42.62 2.68 0.00	43.97 2.80 0.00	44.67 2.77 0.00	47.40 2.85 0.00	54.53 3.52 0.00	57.13 3.34 0.00	58.68 3.27 0.00	59.43 3.26 0.00	48.44 2.57 0.00	41.41 2.27 0.00	36.97 1.99 0.00
LOVETT___4 23642	34.83 1.91 0.00	31.90 1.83 0.00	30.04 1.73 -0.46	30.32 1.74 0.00	30.62 1.73 0.00	34.06 1.84 0.00	43.91 2.49 0.00	47.30 2.97 0.00	48.03 3.14 0.00	44.65 2.92 0.00	46.12 2.90 0.00	43.85 2.75 0.00	43.16 2.67 0.00	42.62 2.68 0.00	43.97 2.80 0.00	44.67 2.77 0.00	47.40 2.85 0.00	54.53 3.52 0.00	57.13 3.34 0.00	58.68 3.27 0.00	59.43 3.26 0.00	48.44 2.57 0.00	41.41 2.27 0.00	36.97 1.99 0.00
LOVETT___5 23593	34.83 1.91 0.00	31.90 1.83 0.00	30.04 1.73 -0.46	30.32 1.74 0.00	30.62 1.73 0.00	34.06 1.84 0.00	43.91 2.49 0.00	47.30 2.97 0.00	48.03 3.14 0.00	44.65 2.92 0.00	46.12 2.90 0.00	43.85 2.75 0.00	43.16 2.67 0.00	42.62 2.68 0.00	43.97 2.80 0.00	44.67 2.77 0.00	47.40 2.85 0.00	54.53 3.52 0.00	57.13 3.34 0.00	58.68 3.27 0.00	59.43 3.26 0.00	48.44 2.57 0.00	41.41 2.27 0.00	36.97 1.99 0.00
LOWER RAQUET___HYD 24057	10.51 -2.31 20.10	9.41 -1.86 18.79	8.34 -1.75 17.77	8.72 -1.77 18.08	9.19 -1.76 17.93	15.33 -1.93 14.97	20.07 -2.36 19.00	23.71 -2.62 18.01	31.94 -2.74 10.21	39.10 -2.63 0.00	40.55 -2.68 0.00	38.55 -2.55 0.00	37.86 -2.63 0.00	37.55 -2.40 0.00	38.78 -2.39 0.00	39.55 -2.35 0.00	42.23 -2.32 0.00	48.36 -2.65 0.00	51.21 -2.58 0.00	52.86 -2.55 0.00	53.59 -2.58 0.00	43.85 -2.02 0.00	37.42 -1.72 0.00	33.23 -1.75 0.00
LOWER___HUDSON 24059	34.40 1.48 0.00	31.45 1.38 0.00	29.79 1.34 -0.59	29.94 1.37 0.00	30.21 1.33 0.00	33.71 1.48 0.00	43.24 1.82 0.00	46.37 2.04 0.00	46.91 2.02 0.00	43.61 1.88 0.00	45.08 1.86 0.00	42.86 1.77 0.00	42.19 1.70 0.00	41.66 1.72 0.00	42.94 1.77 0.00	43.66 1.76 0.00	46.37 1.83 0.00	53.10 2.09 0.00	55.73 1.93 0.00	57.57 2.16 0.00	58.13 1.96 0.00	47.57 1.70 0.00	40.82 1.68 0.00	36.27 1.29 0.00
LOWVILLE_115KV_TB2 356335	27.03 -0.99 4.90	24.64 -0.84 4.58	22.71 -0.84 4.32	23.36 -0.80 4.41	23.82 -0.69 4.37	27.87 -0.71 3.65	36.04 -0.75 4.63	39.10 -0.84 4.39	41.40 -0.99 2.50	40.60 -1.13 0.00	41.89 -1.34 0.00	39.66 -1.44 0.00	38.87 -1.62 0.00	38.74 -1.20 0.00	40.10 -1.07 0.00	40.94 -0.96 0.00	43.74 -0.80 0.00	50.50 -0.51 0.00	53.58 -0.22 0.00	55.47 0.06 0.00	56.39 0.22 0.00	45.87 0.00 0.00	38.86 -0.27 0.00	34.63 -0.35 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.73 1.81 0.00	31.75 1.68 0.00	30.08 1.62 -0.60	30.23 1.66 0.00	30.50 1.62 0.00	34.06 1.84 0.00	43.86 2.44 0.00	46.68 2.35 0.00	47.13 2.24 0.00	43.82 2.09 0.00	45.35 2.12 0.00	43.07 1.97 0.00	42.39 1.90 0.00	41.86 1.92 0.00	43.10 1.93 0.00	43.83 1.93 0.00	46.55 2.00 0.00	53.31 2.30 0.00	56.05 2.26 0.00	57.91 2.49 0.00	58.53 2.36 0.00	47.93 2.06 0.00	41.21 2.07 0.00	36.69 1.71 0.00

LUTHERNY_35_KV_BK2 355980	34.73 1.81 0.00	31.75 1.68 0.00	30.08 1.62 -0.60	30.26 1.69 0.00	30.50 1.62 0.00	34.06 1.84 0.00	43.91 2.49 0.00	46.72 2.39 0.00	47.13 2.24 0.00	43.86 2.13 0.00	45.35 2.12 0.00	43.11 2.01 0.00	42.39 1.90 0.00	41.86 1.92 0.00	43.10 1.93 0.00	43.83 1.93 0.00	46.60 2.05 0.00	53.31 2.30 0.00	56.11 2.31 0.00	57.96 2.55 0.00	58.58 2.42 0.00	47.93 2.06 0.00	41.25 2.11 0.00	36.69 1.71 0.00
LWR___OSWEGATCHIE_HYD 23850	17.56 -2.04 13.31	15.91 -1.71 12.45	14.49 -1.62 11.75	14.94 -1.66 11.98	15.45 -1.56 11.88	20.61 -1.71 9.91	26.81 -2.03 12.58	30.19 -2.22 11.92	35.70 -2.42 6.77	39.31 -2.42 0.00	40.68 -2.55 0.00	38.59 -2.51 0.00	37.86 -2.63 0.00	37.58 -2.36 0.00	38.86 -2.31 0.00	39.68 -2.22 0.00	42.41 -2.14 0.00	48.77 -2.24 0.00	51.70 -2.10 0.00	53.47 -1.94 0.00	54.31 -1.85 0.00	44.31 -1.56 0.00	37.65 -1.49 0.00	33.48 -1.50 0.00
LYONS_FALL_HYD 23570	29.76 -0.39 2.77	27.12 -0.36 2.59	25.07 -0.36 2.43	25.74 -0.34 2.49	26.18 -0.23 2.47	29.94 -0.22 2.06	38.64 -0.17 2.61	41.67 -0.18 2.48	43.24 -0.22 1.42	41.35 -0.38 0.00	42.75 -0.47 0.00	40.48 -0.62 0.00	39.72 -0.77 0.00	39.38 -0.56 0.00	40.76 -0.41 0.00	41.61 -0.29 0.00	44.37 -0.18 0.00	51.11 0.10 0.00	54.12 0.32 0.00	55.97 0.55 0.00	56.84 0.68 0.00	46.28 0.41 0.00	39.25 0.12 0.00	34.98 0.00 0.00
MADISON___COUNTY_LFGE 323628	33.54 0.63 0.00	30.58 0.51 0.00	28.31 0.42 -0.03	29.03 0.46 0.00	29.43 0.55 0.00	32.90 0.68 0.00	42.41 0.99 0.00	45.35 1.02 0.00	45.96 1.08 0.00	42.65 0.92 0.00	44.13 0.91 0.00	41.79 0.70 0.00	41.06 0.57 0.00	40.50 0.56 0.00	41.87 0.70 0.00	42.65 0.75 0.00	45.35 0.80 0.00	52.19 1.17 0.00	55.25 1.45 0.00	56.96 1.55 0.00	57.85 1.69 0.00	47.11 1.24 0.00	40.00 0.86 0.00	35.71 0.73 0.00
MALONE___115KV_TB1 356076	7.56 -1.71 23.64	6.55 -1.41 22.11	5.63 -1.34 20.90	5.93 -1.37 21.27	6.46 -1.33 21.09	13.24 -1.39 17.61	17.46 -1.62 22.34	21.42 -1.73 21.18	31.04 -1.84 12.01	40.06 -1.67 0.00	41.63 -1.60 0.00	39.58 -1.52 0.00	38.99 -1.50 0.00	38.58 -1.36 0.00	39.89 -1.28 0.00	40.64 -1.26 0.00	43.43 -1.11 0.00	49.69 -1.33 0.00	52.67 -1.13 0.00	54.25 -1.16 0.00	55.05 -1.12 0.00	44.90 -0.96 0.00	38.39 -0.74 0.00	34.14 -0.84 0.00
MAPLEWOD_115KV_TB3 80458	34.17 1.25 0.00	31.27 1.20 0.00	29.59 1.14 -0.59	29.77 1.20 0.00	30.04 1.16 0.00	33.48 1.26 0.00	43.04 1.62 0.00	46.19 1.86 0.00	46.68 1.80 0.00	43.40 1.67 0.00	44.83 1.60 0.00	42.66 1.56 0.00	41.99 1.50 0.00	41.50 1.56 0.00	42.77 1.61 0.00	43.49 1.59 0.00	46.19 1.65 0.00	52.90 1.89 0.00	55.52 1.72 0.00	57.30 1.88 0.00	57.85 1.69 0.00	47.34 1.47 0.00	40.51 1.37 0.00	36.06 1.08 0.00
MAPLE_RIDGE_WT_1 323574	-10.00 -1.15 41.76	-10.00 -1.02 39.05	-10.00 -0.95 36.91	-10.00 -1.00 37.57	-9.39 -1.01 37.26	0.00 -1.13 31.10	0.42 -1.53 39.47	5.32 -1.59 37.41	22.11 -1.57 21.20	40.31 -1.42 0.00	41.89 -1.34 0.00	39.95 -1.15 0.00	39.44 -1.05 0.00	38.98 -0.96 0.00	40.30 -0.87 0.00	41.10 -0.80 0.00	43.79 -0.76 0.00	50.10 -0.92 0.00	52.88 -0.91 0.00	54.47 -0.94 0.00	55.16 -1.01 0.00	45.09 -0.78 0.00	38.51 -0.63 0.00	34.38 -0.59 0.00
MAPLE_RIDGE_WT_2 323611	-10.00 -1.15 41.76	-10.00 -1.02 39.05	-10.00 -0.95 36.91	-10.00 -1.00 37.57	-9.39 -1.01 37.26	0.00 -1.13 31.10	0.42 -1.53 39.47	5.32 -1.59 37.41	22.11 -1.57 21.20	40.31 -1.42 0.00	41.89 -1.34 0.00	39.95 -1.15 0.00	39.44 -1.05 0.00	38.98 -0.96 0.00	40.30 -0.87 0.00	41.10 -0.80 0.00	43.79 -0.76 0.00	50.10 -0.92 0.00	52.88 -0.91 0.00	54.47 -0.94 0.00	55.16 -1.01 0.00	45.09 -0.78 0.00	38.51 -0.63 0.00	34.38 -0.59 0.00
MARBLE_RIVER_WT_PWR 323696	5.90 -1.68 25.34	4.96 -1.41 23.69	4.15 -1.31 22.40	4.43 -1.34 22.80	4.98 -1.30 22.61	11.97 -1.38 18.87	15.81 -1.66 23.95	19.86 -1.77 22.70	30.22 -1.80 12.87	40.14 -1.59 0.00	41.80 -1.43 0.00	39.78 -1.32 0.00	39.19 -1.30 0.00	38.82 -1.12 0.00	40.10 -1.07 0.00	40.89 -1.01 0.00	43.66 -0.89 0.00	49.89 -1.12 0.00	52.77 -1.02 0.00	54.36 -1.05 0.00	55.10 -1.07 0.00	45.04 -0.82 0.00	38.51 -0.63 0.00	34.35 -0.63 0.00
MARSHVLE_115KV_TB1 80742	35.58 2.67 0.00	32.45 2.38 0.00	30.80 2.26 -0.68	30.94 2.37 0.00	31.25 2.37 0.00	35.00 2.77 0.00	45.07 3.64 0.00	48.14 3.81 0.00	48.84 3.95 0.00	45.15 3.42 0.00	46.69 3.46 0.00	44.26 3.16 0.00	43.44 2.96 0.00	42.86 2.96 0.00	44.01 2.96 0.00	44.79 3.06 0.00	47.75 3.34 0.00	54.63 3.93 0.00	58.15 4.57 0.00	59.79 4.77 0.00	60.61 4.77 0.00	49.86 4.08 0.00	42.46 3.44 0.00	37.81 2.94 0.00
MARSH_HILL_WT_PWR 323713	32.59 -0.33 0.00	28.99 -1.08 0.00	26.93 -1.03 -0.10	27.69 -0.89 0.00	28.19 -0.69 0.00	31.78 -0.45 0.00	41.21 -0.21 0.00	43.93 -0.40 0.00	44.48 -0.40 0.00	41.19 -0.54 0.00	42.71 -0.52 0.00	40.56 -0.54 0.00	40.00 -0.48 0.00	39.06 -0.88 0.00	40.22 -0.95 0.00	40.94 -0.96 0.00	43.52 -1.02 0.00	49.84 -1.17 0.00	53.63 -0.16 0.00	55.52 0.11 0.00	56.73 0.56 0.00	46.19 0.32 0.00	38.98 -0.16 0.00	35.40 0.42 0.00
MCINTYRE_115KV_TB2 80467	10.30 -1.38 21.23	9.20 -1.02 19.85	8.12 -0.98 18.76	8.50 -0.97 19.10	9.05 -0.90 18.94	15.45 -0.97 15.81	20.20 -1.16 20.06	23.94 -1.37 19.02	32.45 -1.66 10.78	40.02 -1.71 0.00	41.45 -1.77 0.00	39.41 -1.68 0.00	38.71 -1.78 0.00	38.34 -1.60 0.00	39.60 -1.56 0.00	40.43 -1.47 0.00	43.25 -1.29 0.00	49.64 -1.38 0.00	52.72 -1.08 0.00	54.47 -0.94 0.00	55.33 -0.84 0.00	45.18 -0.69 0.00	38.51 -0.63 0.00	34.21 -0.77 0.00
MECO_____69_KV_BK1 80468	35.68 2.76 0.00	32.57 2.50 0.00	30.88 2.37 -0.65	31.09 2.51 0.00	31.37 2.48 0.00	35.13 2.90 0.00	45.31 3.89 0.00	48.41 4.08 0.00	48.84 3.95 0.00	45.15 3.42 0.00	46.69 3.46 0.00	44.26 3.16 0.00	43.44 2.96 0.00	42.90 2.96 0.00	44.13 2.96 0.00	44.96 3.06 0.00	47.89 3.34 0.00	54.94 3.93 0.00	58.37 4.57 0.00	60.18 4.77 0.00	60.94 4.77 0.00	49.95 4.08 0.00	42.58 3.44 0.00	37.92 2.94 0.00
MENANDS___115KV_TB5 355628	34.04 1.12 0.00	31.15 1.08 0.00	29.48 1.03 -0.59	29.66 1.09 0.00	29.92 1.04 0.00	33.36 1.13 0.00	42.83 1.41 0.00	45.97 1.64 0.00	46.50 1.62 0.00	43.23 1.50 0.00	44.65 1.43 0.00	42.49 1.40 0.00	41.82 1.34 0.00	41.34 1.40 0.00	42.61 1.44 0.00	43.32 1.42 0.00	46.02 1.47 0.00	52.64 1.63 0.00	55.19 1.40 0.00	57.02 1.61 0.00	57.57 1.40 0.00	47.06 1.19 0.00	40.31 1.17 0.00	35.89 0.91 0.00
MG INDUSTRY___DRP 24185	33.97 1.05 0.00	31.09 1.02 0.00	29.38 0.95 -0.57	29.60 1.03 0.00	29.89 1.01 0.00	33.29 1.06 0.00	42.70 1.28 0.00	45.79 1.46 0.00	46.28 1.39 0.00	42.98 1.25 0.00	44.39 1.17 0.00	42.21 1.11 0.00	41.54 1.05 0.00	41.06 1.12 0.00	42.28 1.11 0.00	43.03 1.13 0.00	45.70 1.16 0.00	52.39 1.38 0.00	55.03 1.24 0.00	56.80 1.39 0.00	57.40 1.24 0.00	46.97 1.10 0.00	40.23 1.10 0.00	35.85 0.87 0.00

MID___OSWEGATCHIE_HYD 23849	17.56 -2.04 13.31	15.91 -1.71 12.45	14.49 -1.62 11.75	14.94 -1.66 11.98	15.45 -1.56 11.88	20.61 -1.71 9.91	26.81 -2.03 12.58	30.19 -2.22 11.92	35.70 -2.42 6.77	39.31 -2.42 0.00	40.68 -2.55 0.00	38.59 -2.51 0.00	37.86 -2.63 0.00	37.58 -2.36 0.00	38.86 -2.31 0.00	39.68 -2.22 0.00	42.41 -2.14 0.00	48.77 -2.24 0.00	51.70 -2.10 0.00	53.47 -1.94 0.00	54.31 -1.85 0.00	44.31 -1.56 0.00	37.65 -1.49 0.00	33.48 -1.50 0.00
MID___RAQUETTE_HYD 23851	10.51 -2.30 20.10	9.41 -1.86 18.79	8.34 -1.76 17.77	8.72 -1.77 18.08	9.19 -1.76 17.93	15.33 -1.93 14.97	20.06 -2.36 19.00	23.71 -2.62 18.01	31.94 -2.74 10.21	39.10 -2.63 0.00	40.55 -2.68 0.00	38.55 -2.55 0.00	37.86 -2.63 0.00	37.54 -2.40 0.00	38.78 -2.39 0.00	39.51 -2.39 0.00	42.27 -2.27 0.00	48.36 -2.65 0.00	51.21 -2.58 0.00	52.86 -2.55 0.00	53.58 -2.58 0.00	43.85 -2.02 0.00	37.42 -1.72 0.00	33.23 -1.75 0.00
MILLIKEN___1 23584	33.61 0.69 0.00	30.46 0.39 0.00	28.21 0.25 -0.10	28.89 0.31 0.00	29.29 0.40 0.00	32.78 0.55 0.00	42.33 0.91 0.00	45.26 0.93 0.00	45.70 0.81 0.00	42.40 0.67 0.00	43.79 0.56 0.00	41.59 0.49 0.00	40.97 0.49 0.00	40.30 0.36 0.00	41.58 0.41 0.00	42.28 0.38 0.00	45.13 0.58 0.00	51.83 0.82 0.00	55.09 1.29 0.00	56.80 1.39 0.00	57.85 1.69 0.00	47.01 1.15 0.00	39.92 0.78 0.00	35.71 0.73 0.00
MILLIKEN___2 23585	33.61 0.69 0.00	30.46 0.39 0.00	28.21 0.25 -0.10	28.89 0.31 0.00	29.29 0.40 0.00	32.78 0.55 0.00	42.33 0.91 0.00	45.26 0.93 0.00	45.70 0.81 0.00	42.40 0.67 0.00	43.79 0.56 0.00	41.59 0.49 0.00	40.97 0.49 0.00	40.30 0.36 0.00	41.58 0.41 0.00	42.28 0.38 0.00	45.13 0.58 0.00	51.83 0.82 0.00	55.09 1.29 0.00	56.80 1.39 0.00	57.85 1.69 0.00	47.01 1.15 0.00	39.92 0.78 0.00	35.71 0.73 0.00
MILLIKEN___DIESEL 23629	33.61 0.69 0.00	30.46 0.39 0.00	28.21 0.25 -0.10	28.89 0.31 0.00	29.29 0.40 0.00	32.78 0.55 0.00	42.33 0.91 0.00	45.26 0.93 0.00	45.70 0.81 0.00	42.40 0.67 0.00	43.79 0.56 0.00	41.59 0.49 0.00	40.97 0.49 0.00	40.30 0.36 0.00	41.58 0.41 0.00	42.28 0.38 0.00	45.13 0.58 0.00	51.83 0.82 0.00	55.09 1.29 0.00	56.80 1.39 0.00	57.85 1.69 0.00	47.01 1.15 0.00	39.92 0.78 0.00	35.71 0.73 0.00
MILLSEAT___LFGE 323607	32.88 -0.03 0.00	28.84 -1.23 0.00	26.79 -1.14 -0.07	27.43 -1.14 0.00	27.76 -1.13 0.00	31.10 -1.13 0.00	39.89 -1.53 0.00	42.11 -2.22 0.00	42.55 -2.34 0.00	39.56 -2.17 0.00	41.15 -2.07 0.00	39.12 -1.97 0.00	38.95 -1.54 0.00	37.86 -2.08 0.00	38.95 -2.22 0.00	39.64 -2.26 0.00	42.10 -2.45 0.00	47.60 -3.42 0.00	51.32 -2.47 0.00	53.19 -2.22 0.00	54.43 -1.74 0.00	44.49 -1.37 0.00	37.49 -1.64 0.00	34.52 -0.46 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.89 1.97 0.00	31.93 1.86 0.00	30.11 1.78 -0.47	30.37 1.80 0.00	30.65 1.76 0.00	34.10 1.87 0.00	43.95 2.53 0.00	47.39 3.06 0.00	48.12 3.23 0.00	44.73 3.00 0.01	46.17 2.94 0.00	43.93 2.84 0.00	43.24 2.75 0.00	42.70 2.76 0.00	44.05 2.88 0.00	44.75 2.85 0.00	47.49 2.94 0.00	54.63 3.62 0.00	57.18 3.39 0.00	58.79 3.38 0.00	59.54 3.37 0.00	48.53 2.66 0.00	41.52 2.39 0.00	37.01 2.03 0.00
MILLWOOD_13_KV_LOAD 356217	34.96 2.04 0.00	32.00 1.92 0.00	30.17 1.84 -0.47	30.43 1.86 0.00	30.70 1.82 0.00	34.16 1.93 0.00	44.03 2.61 0.00	47.48 3.15 0.00	48.21 3.32 0.00	44.81 3.09 0.01	46.30 3.07 0.00	44.01 2.92 0.00	43.32 2.83 0.00	42.82 2.88 0.00	44.17 3.01 0.00	44.88 2.97 0.00	47.66 3.12 0.00	54.79 3.77 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.71 3.54 0.00	48.67 2.80 0.00	41.60 2.47 0.00	37.11 2.13 0.00
MODEL_CITY_ENERGY 24167	31.90 -1.02 0.00	28.06 -2.01 0.00	26.12 -1.81 -0.07	26.72 -1.86 0.00	27.03 -1.85 0.00	30.23 -2.00 0.00	38.69 -2.74 0.00	40.74 -3.59 0.00	41.16 -3.73 0.00	38.31 -3.42 0.00	39.90 -3.33 0.00	37.97 -3.13 0.00	37.90 -2.59 0.00	36.79 -3.16 0.00	37.79 -3.38 0.00	38.51 -3.39 0.00	40.85 -3.70 0.00	46.02 -5.00 0.00	49.65 -4.14 0.00	51.31 -4.10 0.00	52.52 -3.65 0.00	43.02 -2.84 0.00	36.32 -2.82 0.00	33.65 -1.33 0.00
MODERN_LFGE___ 323580	31.90 -1.02 0.00	28.06 -2.01 0.00	26.12 -1.81 -0.07	26.72 -1.86 0.00	27.03 -1.85 0.00	30.23 -2.00 0.00	38.69 -2.74 0.00	40.74 -3.59 0.00	41.16 -3.73 0.00	38.31 -3.42 0.00	39.90 -3.33 0.00	37.97 -3.13 0.00	37.90 -2.59 0.00	36.79 -3.16 0.00	37.79 -3.38 0.00	38.51 -3.39 0.00	40.85 -3.70 0.00	46.02 -5.00 0.00	49.65 -4.14 0.00	51.31 -4.10 0.00	52.52 -3.65 0.00	43.02 -2.84 0.00	36.32 -2.82 0.00	33.65 -1.33 0.00
MOHAWK_PAPER___DRP 24187	34.17 1.25 0.00	31.27 1.20 0.00	29.59 1.14 -0.59	29.77 1.20 0.00	30.04 1.16 0.00	33.48 1.26 0.00	43.04 1.62 0.00	46.19 1.86 0.00	46.68 1.80 0.00	43.40 1.67 0.00	44.83 1.60 0.00	42.66 1.56 0.00	41.99 1.50 0.00	41.50 1.56 0.00	42.77 1.61 0.00	43.49 1.59 0.00	46.19 1.65 0.00	52.90 1.89 0.00	55.52 1.72 0.00	57.30 1.88 0.00	57.85 1.69 0.00	47.34 1.47 0.00	40.51 1.37 0.00	36.06 1.08 0.00
MOHICAN___35_KV_115KV_LD 80490	34.89 1.97 0.00	31.90 1.83 0.00	30.22 1.76 -0.60	30.43 1.86 0.00	30.67 1.79 0.00	34.29 2.06 0.00	44.28 2.86 0.00	46.59 2.26 0.00	46.86 1.98 0.00	43.61 1.88 0.00	45.13 1.90 0.00	42.90 1.81 0.00	42.15 1.66 0.00	41.62 1.68 0.00	42.82 1.65 0.00	43.58 1.68 0.00	46.28 1.74 0.00	52.90 1.89 0.00	55.79 1.99 0.00	57.63 2.22 0.00	58.25 2.08 0.00	47.75 1.88 0.00	41.52 2.39 0.00	36.90 1.92 0.00
MONGAUP___HYD 23641	34.69 1.78 0.00	31.78 1.71 0.00	29.88 1.59 -0.43	30.17 1.60 0.00	30.47 1.59 0.00	33.93 1.71 0.00	43.78 2.36 0.00	47.03 2.70 0.00	47.63 2.74 0.00	44.11 2.38 0.00	45.52 2.29 0.00	43.19 2.09 0.00	42.51 2.02 0.00	41.98 2.04 0.00	43.31 2.14 0.00	43.99 2.09 0.00	46.77 2.23 0.00	53.92 2.91 0.00	56.70 2.90 0.00	58.35 2.93 0.00	59.03 2.86 0.00	48.11 2.25 0.00	41.13 1.99 0.00	36.69 1.71 0.00
MONTAUK___DIESEL 23721	35.99 3.06 -0.01	32.72 2.65 0.00	30.95 2.62 -0.47	31.17 2.60 0.00	31.57 2.69 0.00	35.13 2.90 0.00	44.73 3.31 0.00	48.14 3.81 0.00	49.06 4.17 0.00	45.84 4.09 -0.02	47.82 3.20 -1.39	47.23 2.92 -3.22	46.66 2.83 -3.34	45.02 2.92 -2.17	46.43 3.05 -2.21	47.10 3.02 -2.18	49.29 3.12 -1.63	56.80 3.93 -1.86	59.25 3.71 -1.75	60.43 3.77 -1.25	61.05 3.71 -1.17	50.53 3.07 -1.59	42.21 2.94 -0.14	38.17 3.04 -0.15
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.88 -0.03 0.00	28.69 -1.38 0.00	26.63 -1.31 -0.08	27.63 -0.94 0.00	27.99 -0.90 0.00	31.45 -0.77 0.00	40.47 -0.95 0.00	43.27 -1.06 0.00	43.81 -1.08 0.00	40.65 -1.08 0.00	42.45 -0.78 0.00	40.77 -0.33 0.00	40.12 -0.36 0.00	38.94 -1.00 0.00	40.18 -0.99 0.00	41.02 -0.88 0.00	43.43 -1.11 0.00	49.28 -1.73 0.00	53.10 -0.70 0.00	54.64 -0.78 0.00	56.11 -0.06 0.00	45.55 -0.32 0.00	38.67 -0.47 0.00	35.54 0.56 0.00

MORRIS_RIDGE___SOLAR 323848	32.62 -0.30 0.00	28.93 -1.14 0.00	26.90 -1.06 -0.10	27.60 -0.97 0.00	27.99 -0.90 0.00	31.39 -0.84 0.00	40.51 -0.91 0.00	43.09 -1.24 0.00	43.41 -1.48 0.00	40.19 -1.54 0.00	41.71 -1.51 0.00	39.66 -1.44 0.00	39.31 -1.18 0.00	38.38 -1.56 0.00	39.52 -1.65 0.00	40.27 -1.63 0.00	42.76 -1.78 0.00	48.82 -2.19 0.00	52.40 -1.40 0.00	54.30 -1.11 0.00	55.50 -0.67 0.00	45.27 -0.60 0.00	38.28 -0.86 0.00	34.94 -0.03 0.00
MORTIMER_115KV_TB3 55949	32.78 -0.13 0.00	29.26 -0.81 0.00	27.19 -0.72 -0.06	27.77 -0.80 0.00	28.10 -0.78 0.00	31.45 -0.77 0.00	40.38 -1.04 0.00	42.82 -1.51 0.00	43.41 -1.48 0.00	40.40 -1.34 0.00	41.97 -1.25 0.00	39.95 -1.15 0.00	39.60 -0.89 0.00	38.70 -1.24 0.00	39.89 -1.28 0.00	40.52 -1.38 0.00	42.99 -1.56 0.00	48.87 -2.14 0.00	52.23 -1.56 0.00	53.86 -1.55 0.00	55.10 -1.07 0.00	44.77 -1.10 0.00	38.00 -1.13 0.00	34.56 -0.42 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.22 2.30 0.00	32.24 2.17 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.91 2.02 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.22 3.46 -0.02	46.69 3.46 0.00	44.38 3.29 0.00	43.73 3.24 0.00	43.18 3.24 0.00	44.50 3.33 0.00	45.21 3.31 0.00	47.93 3.39 0.00	55.09 4.08 0.00	57.61 3.82 0.00	59.18 3.77 0.00	59.93 3.76 0.00	48.85 2.98 0.00	41.76 2.62 0.00	37.25 2.27 0.00
MUNSVILLE_WIND_PWR 323609	34.50 1.58 0.00	31.43 1.35 0.00	29.15 1.14 -0.15	29.92 1.34 0.00	30.53 1.65 0.00	34.19 1.97 0.00	44.32 2.90 0.00	47.39 3.06 0.00	49.01 4.13 0.00	45.15 3.42 0.00	46.47 3.24 0.00	44.06 2.96 0.00	43.04 2.55 0.00	42.34 2.40 0.00	43.76 2.60 0.00	44.83 2.93 0.00	48.33 3.78 0.00	56.27 5.26 0.00	60.09 6.29 0.00	62.34 6.93 0.00	63.64 7.47 0.00	51.60 5.73 0.00	43.33 4.19 0.00	38.58 3.60 0.00
N SALMON___HYD 24042	7.56 -1.71 23.64	6.55 -1.41 22.11	5.63 -1.34 20.90	5.93 -1.37 21.27	6.46 -1.33 21.09	13.24 -1.38 17.61	17.46 -1.62 22.34	21.42 -1.73 21.18	31.04 -1.84 12.01	40.06 -1.67 0.00	41.63 -1.60 0.00	39.58 -1.52 0.00	38.99 -1.50 0.00	38.58 -1.36 0.00	39.89 -1.28 0.00	40.64 -1.26 0.00	43.43 -1.11 0.00	49.69 -1.33 0.00	52.66 -1.13 0.00	54.25 -1.17 0.00	55.05 -1.12 0.00	44.90 -0.97 0.00	38.39 -0.74 0.00	34.14 -0.84 0.00
N.AKRON__115KV_KNAPP 355671	32.82 -0.10 0.00	28.81 -1.26 0.00	26.76 -1.17 -0.07	27.40 -1.17 0.00	27.73 -1.16 0.00	31.04 -1.19 0.00	39.85 -1.57 0.00	42.02 -2.31 0.00	42.51 -2.38 0.00	39.48 -2.25 0.00	41.11 -2.12 0.00	39.12 -1.97 0.00	38.95 -1.54 0.00	37.82 -2.12 0.00	38.99 -2.18 0.00	39.60 -2.30 0.00	41.96 -2.58 0.00	47.49 -3.52 0.00	51.27 -2.53 0.00	52.86 -2.55 0.00	54.31 -1.85 0.00	44.12 -1.74 0.00	37.45 -1.68 0.00	34.49 -0.49 0.00
N.E_GEN_SANDY PD 24062	36.10 1.61 -1.57	36.00 1.53 -4.40	34.00 1.45 -4.69	31.75 1.48 -1.69	34.30 1.47 -3.94	39.80 1.61 -5.96	43.70 2.03 -0.25	50.39 2.30 -3.76	49.10 2.29 -1.92	50.10 2.13 -6.24	55.42 2.12 -10.08	47.10 2.01 -3.99	47.40 1.94 -4.97	46.10 1.96 -4.20	43.70 2.02 -0.51	49.60 2.01 -5.69	52.30 2.09 -5.66	53.46 2.45 0.00	55.89 2.10 0.00	58.00 2.44 -0.15	58.36 2.19 0.00	47.75 1.88 0.00	40.90 1.76 0.00	36.34 1.36 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.89 1.97 0.00	31.93 1.86 0.00	30.10 1.78 -0.45	30.37 1.80 0.00	30.65 1.76 0.00	34.13 1.90 0.00	43.95 2.53 0.00	47.39 3.06 0.00	48.12 3.23 0.00	44.73 3.00 0.00	46.25 3.03 0.00	43.93 2.84 0.00	43.24 2.75 0.00	42.70 2.76 0.00	44.05 2.88 0.00	44.71 2.81 0.00	47.49 2.94 0.00	54.63 3.62 0.00	57.18 3.39 0.00	58.79 3.38 0.00	59.54 3.37 0.00	48.53 2.66 0.00	41.49 2.35 0.00	37.01 2.03 0.00
N.QUEENS_27_KV_LOAD 356247	34.40 1.48 0.00	31.48 1.41 0.00	29.81 1.48 -0.47	29.94 1.37 0.00	30.21 1.33 0.00	33.61 1.39 0.00	43.37 1.95 0.00	46.90 2.57 0.00	47.58 2.69 0.00	44.23 2.50 0.00	45.69 2.46 0.00	43.44 2.34 0.00	42.76 2.27 0.00	42.26 2.32 0.00	43.60 2.43 0.00	44.25 2.35 0.00	46.91 2.36 0.00	53.97 2.96 0.00	57.51 3.71 0.00	59.07 3.66 0.00	59.88 3.71 0.00	48.76 2.89 0.00	41.72 2.58 0.00	37.22 2.24 0.00
N.TROY___115KV_TB1 355778	34.40 1.48 0.00	31.45 1.38 0.00	29.76 1.31 -0.59	29.94 1.37 0.00	30.21 1.33 0.00	33.71 1.48 0.00	43.37 1.95 0.00	46.41 2.08 0.00	46.91 2.02 0.00	43.61 1.88 0.00	45.09 1.77 0.00	42.86 1.77 0.00	42.19 1.70 0.00	41.66 1.72 0.00	42.94 1.77 0.00	43.66 1.76 0.00	46.37 1.83 0.00	53.10 2.09 0.00	55.73 1.94 0.00	57.63 2.22 0.00	58.13 1.97 0.00	47.61 1.74 0.00	40.78 1.64 0.00	36.27 1.29 0.00
NARROWS_GT1_1 24228	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
NARROWS_GT1_2 24229	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
NARROWS_GT1_3 24230	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
NARROWS_GT1_4 24231	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
NARROWS_GT1_5 24232	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02

NARROWS_GT1_6 24233	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
NARROWS_GT1_7 24234	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
NARROWS_GT1_8 24235	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
NARROWS_GT2_1 24236	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
NARROWS_GT2_2 24237	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
NARROWS_GT2_3 24238	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
NARROWS_GT2_4 24239	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
NARROWS_GT2_5 24240	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
NARROWS_GT2_6 24241	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
NARROWS_GT2_7 24242	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
NARROWS_GT2_8 24243	35.47 2.53 -0.02	32.50 2.41 -0.02	30.62 2.29 -0.48	30.89 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.68 3.23 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.55 3.71 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.38 3.48 -3.40	48.47 3.52 -5.01	47.77 3.66 -2.94	51.20 3.60 -5.69	50.56 3.78 -2.23	60.45 4.54 -4.90	58.26 4.41 -0.06	59.74 4.27 -0.06	71.47 4.27 -11.03	49.99 3.21 -0.92	47.59 2.74 -5.72	37.41 2.41 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.27 1.35 0.00	31.39 1.32 0.00	29.36 0.95 -0.56	29.89 1.31 0.00	30.15 1.27 0.00	33.61 1.39 0.00	43.24 1.82 0.00	46.37 2.04 0.00	46.73 1.84 0.00	43.23 1.50 0.00	44.57 1.34 0.00	42.29 1.19 0.00	41.54 1.05 0.00	41.06 1.12 0.00	42.32 1.15 0.00	43.03 1.13 0.00	45.84 1.29 0.00	52.59 1.58 0.00	55.41 1.61 0.00	57.24 1.83 0.00	57.80 1.63 0.00	47.29 1.42 0.00	40.55 1.41 0.00	36.06 1.08 0.00
NCHELSEA_115KV_TR2 355582	34.92 2.01 0.00	32.03 1.95 0.00	30.14 1.81 -0.47	30.40 1.83 0.00	30.70 1.82 0.00	34.19 1.97 0.00	44.03 2.61 0.00	47.43 3.10 0.00	48.16 3.28 0.00	44.74 3.00 0.00	46.21 2.98 0.00	43.89 2.79 0.00	43.12 2.63 0.00	42.58 2.64 0.00	43.93 2.76 0.00	44.62 2.72 0.00	47.40 2.85 0.00	54.53 3.52 0.00	57.18 3.39 0.00	58.79 3.38 0.00	59.48 3.31 0.00	48.48 2.61 0.00	41.45 2.31 0.00	36.94 1.96 0.00
NEG CAPITAL___MECHNVIL 23645	34.76 1.84 0.00	31.78 1.71 0.00	30.10 1.64 -0.60	30.29 1.71 0.00	30.53 1.65 0.00	34.10 1.87 0.00	43.66 2.24 0.00	46.81 2.48 0.00	47.31 2.42 0.00	43.98 2.25 0.00	45.52 2.29 0.00	43.23 2.14 0.00	42.55 2.06 0.00	42.02 2.08 0.00	43.27 2.10 0.00	43.99 2.09 0.00	46.77 2.23 0.00	53.51 2.50 0.00	56.27 2.48 0.00	58.13 2.71 0.00	58.75 2.59 0.00	48.07 2.20 0.00	41.29 2.15 0.00	36.73 1.75 0.00
NEG CENTRAL_HIGH_ACRES 23767	32.22 -0.69 0.00	28.84 -1.23 0.00	26.75 -1.17 -0.05	27.37 -1.20 0.00	27.70 -1.19 0.00	31.00 -1.22 0.00	39.89 -1.53 0.00	42.43 -1.90 0.00	42.96 -1.93 0.00	40.02 -1.71 0.00	41.54 -1.69 0.00	39.49 -1.60 0.00	39.11 -1.38 0.00	38.30 -1.64 0.00	39.44 -1.73 0.00	40.10 -1.80 0.00	42.59 -1.96 0.00	48.41 -2.60 0.00	51.64 -2.15 0.00	53.36 -2.05 0.00	54.37 -1.80 0.00	44.31 -1.56 0.00	37.49 -1.64 0.00	33.96 -1.02 0.00

NEG CENTRAL___DRP 24199	33.34 0.43 0.00	30.04 -0.03 0.00	27.76 -0.17 -0.07	28.52 -0.06 0.00	28.91 0.03 0.00	32.42 0.19 0.00	41.96 0.54 0.00	44.86 0.53 0.00	45.29 0.40 0.00	42.02 0.29 0.00	43.49 0.26 0.00	41.30 0.21 0.00	40.73 0.24 0.00	40.02 0.08 0.00	41.25 0.08 0.00	41.94 0.04 0.00	44.64 0.09 0.00	50.91 -0.10 0.00	54.23 0.43 0.00	55.91 0.50 0.00	57.01 0.84 0.00	46.28 0.41 0.00	39.41 0.27 0.00	35.36 0.38 0.00
NEG CENTRAL___INDECK 23768	33.70 0.79 0.00	29.83 -0.24 0.00	27.67 -0.28 -0.08	28.34 -0.23 0.00	28.74 -0.14 0.00	32.32 0.10 0.00	41.71 0.29 0.00	44.24 -0.09 0.00	44.44 -0.45 0.00	41.02 -0.71 0.00	42.49 -0.74 0.00	40.31 -0.78 0.00	39.92 -0.57 0.00	39.02 -0.92 0.00	40.18 -0.99 0.00	41.02 -0.88 0.00	43.66 -0.89 0.00	49.99 -1.02 0.00	53.96 0.16 0.00	56.13 0.72 0.00	57.46 1.29 0.00	46.74 0.87 0.00	39.37 0.24 0.00	35.71 0.74 0.00
NEG CENTRAL___SENECA 23627	33.71 0.79 0.00	30.28 0.21 0.00	27.94 0.00 -0.08	28.74 0.17 0.00	29.20 0.32 0.00	32.81 0.58 0.00	42.50 1.08 0.00	45.44 1.11 0.00	45.83 0.94 0.00	42.44 0.71 0.00	43.92 0.69 0.00	41.71 0.62 0.00	41.14 0.65 0.00	40.38 0.44 0.00	41.62 0.45 0.00	42.28 0.38 0.00	45.04 0.49 0.00	51.27 0.26 0.00	54.82 1.02 0.00	56.52 1.11 0.00	57.74 1.57 0.00	46.79 0.92 0.00	39.88 0.74 0.00	35.85 0.87 0.00
NEG CENTRAL___STATE_STREET 24147	33.08 0.16 0.00	29.92 -0.15 0.00	27.70 -0.22 -0.06	28.37 -0.20 0.00	28.74 -0.14 0.00	32.16 -0.06 0.00	41.54 0.12 0.00	44.42 0.09 0.00	44.93 0.04 0.00	41.77 0.04 0.00	43.23 0.00 0.00	41.05 -0.04 0.00	40.53 0.04 0.00	39.86 -0.08 0.00	41.09 -0.08 0.00	41.77 -0.13 0.00	44.41 -0.13 0.00	50.86 -0.15 0.00	54.01 0.22 0.00	55.63 0.22 0.00	56.56 0.39 0.00	46.05 0.18 0.00	39.10 -0.04 0.00	35.01 0.03 0.00
NEG MILLWOOD___DRP 24198	35.09 2.17 0.00	32.15 2.07 0.00	30.28 1.95 -0.47	30.57 2.00 0.00	30.85 1.96 0.00	34.35 2.13 0.00	44.28 2.86 0.00	47.65 3.32 0.00	48.43 3.55 0.00	44.99 3.25 0.00	46.47 3.24 0.00	44.14 3.04 0.00	43.48 3.00 0.00	42.94 3.00 0.00	44.34 3.17 0.00	45.08 3.18 0.00	47.89 3.34 0.00	55.09 4.08 0.00	57.72 3.93 0.00	59.29 3.88 0.00	60.04 3.88 0.00	48.89 3.03 0.00	41.80 2.66 0.00	37.22 2.24 0.00
NEG NORTH_FLCN_SEA 23793	6.50 -1.18 25.23	5.52 -0.96 23.59	4.64 -0.92 22.30	4.93 -0.94 22.70	5.45 -0.92 22.51	12.51 -0.93 18.79	16.54 -1.04 23.84	20.62 -1.11 22.60	30.91 -1.17 12.81	40.73 -1.00 0.00	42.36 -0.86 0.00	40.27 -0.82 0.00	39.72 -0.77 0.00	39.34 -0.60 0.00	40.68 -0.49 0.00	41.48 -0.42 0.00	44.32 -0.22 0.00	50.71 -0.31 0.00	53.69 -0.11 0.00	55.30 -0.11 0.00	56.11 -0.06 0.00	45.78 -0.09 0.00	39.18 0.04 0.00	34.91 -0.07 0.00
NEG NORTH_KES_CHATEGAY 23792	6.33 -1.74 24.84	5.37 -1.47 23.23	4.54 -1.37 21.96	4.82 -1.40 22.35	5.37 -1.36 22.16	12.31 -1.42 18.50	16.25 -1.70 23.48	20.22 -1.86 22.25	30.34 -1.93 12.61	40.02 -1.71 0.00	41.67 -1.56 0.00	39.62 -1.48 0.00	39.07 -1.42 0.00	38.70 -1.24 0.00	39.98 -1.19 0.00	40.77 -1.13 0.00	43.52 -1.02 0.00	49.79 -1.22 0.00	52.67 -1.13 0.00	54.25 -1.16 0.00	54.99 -1.18 0.00	44.95 -0.92 0.00	38.43 -0.70 0.00	34.24 -0.73 0.00
NEG NORTH___ALICE_FALLS 23915	6.53 -1.22 25.17	5.55 -0.99 23.53	4.67 -0.95 22.24	4.93 -1.00 22.64	5.48 -0.95 22.45	12.52 -0.97 18.74	16.56 -1.08 23.78	20.63 -1.15 22.54	30.85 -1.26 12.78	40.69 -1.04 0.00	42.32 -0.91 0.00	40.19 -0.90 0.00	39.64 -0.85 0.00	39.26 -0.68 0.00	40.59 -0.58 0.00	41.36 -0.54 0.00	44.23 -0.31 0.00	50.66 -0.36 0.00	53.63 -0.16 0.00	55.25 -0.17 0.00	56.06 -0.11 0.00	45.73 -0.14 0.00	39.10 -0.04 0.00	34.80 -0.17 0.00
NEG NORTH___LWR_SARANAC 23913	6.53 -1.22 25.17	5.55 -0.99 23.53	4.67 -0.95 22.24	4.93 -1.00 22.64	5.48 -0.95 22.45	12.52 -0.97 18.74	16.56 -1.08 23.78	20.63 -1.15 22.54	30.85 -1.26 12.78	40.69 -1.04 0.00	42.32 -0.91 0.00	40.19 -0.90 0.00	39.64 -0.85 0.00	39.26 -0.68 0.00	40.59 -0.58 0.00	41.36 -0.54 0.00	44.23 -0.31 0.00	50.66 -0.36 0.00	53.63 -0.16 0.00	55.25 -0.17 0.00	56.06 -0.11 0.00	45.73 -0.14 0.00	39.10 -0.04 0.00	34.80 -0.17 0.00
NEG NORTH___PLATTSBURG 23628	6.53 -1.22 25.17	5.55 -0.99 23.53	4.64 -0.98 22.24	4.93 -1.00 22.64	5.48 -0.95 22.45	12.52 -0.97 18.74	16.56 -1.08 23.78	20.63 -1.15 22.54	30.85 -1.26 12.78	40.69 -1.04 0.00	42.32 -0.91 0.00	40.23 -0.86 0.00	39.64 -0.85 0.00	39.26 -0.68 0.00	40.59 -0.58 0.00	41.35 -0.55 0.00	44.24 -0.31 0.00	50.66 -0.35 0.00	53.63 -0.16 0.00	55.25 -0.17 0.00	56.06 -0.11 0.00	45.73 -0.14 0.00	39.10 -0.04 0.00	34.81 -0.17 0.00
NEG WEST_LEA_LOCKPORT 23791	32.26 -0.66 0.00	28.36 -1.71 0.00	26.34 -1.59 -0.07	27.00 -1.57 0.00	27.32 -1.56 0.00	30.55 -1.68 0.00	39.14 -2.28 0.00	41.18 -3.15 0.00	41.66 -3.23 0.00	38.73 -3.00 0.00	40.37 -2.85 0.00	38.42 -2.67 0.00	38.34 -2.15 0.00	37.23 -2.72 0.00	38.29 -2.88 0.00	38.93 -2.97 0.00	41.25 -3.30 0.00	46.57 -4.44 0.00	50.24 -3.55 0.00	51.75 -3.66 0.00	53.19 -2.98 0.00	43.25 -2.61 0.00	36.75 -2.39 0.00	34.03 -0.94 0.00
NEG WEST___LANCASTR 23811	32.32 -0.59 0.00	28.36 -1.71 0.00	25.88 -2.06 -0.08	27.06 -1.51 0.00	27.38 -1.50 0.00	30.65 -1.58 0.00	39.39 -2.03 0.00	41.76 -2.57 0.00	42.24 -2.65 0.00	39.23 -2.50 0.00	40.85 -2.38 0.00	38.92 -2.18 0.00	38.71 -1.78 0.00	37.62 -2.32 0.00	38.74 -2.43 0.00	39.47 -2.43 0.00	41.74 -2.81 0.00	47.34 -3.67 0.00	50.94 -2.85 0.00	52.42 -2.99 0.00	53.87 -2.30 0.00	43.76 -2.11 0.00	37.14 -2.00 0.00	34.17 -0.80 0.00
NEG_PENN_ALLEGHNY 23528	33.41 0.49 0.00	30.22 0.15 0.00	28.10 0.08 -0.16	28.72 0.14 0.00	29.09 0.20 0.00	32.52 0.29 0.00	41.88 0.46 0.00	44.82 0.49 0.00	45.29 0.40 0.00	42.11 0.37 0.00	43.62 0.39 0.00	41.46 0.37 0.00	40.89 0.40 0.00	40.18 0.24 0.00	41.42 0.25 0.00	42.11 0.21 0.00	44.81 0.27 0.00	51.27 0.26 0.00	54.33 0.54 0.00	55.97 0.55 0.00	56.95 0.79 0.00	46.42 0.55 0.00	39.41 0.28 0.00	35.40 0.42 0.00
NEG___GEN_MONROE 24207	32.92 0.00 0.00	29.23 -0.84 0.00	27.17 -0.75 -0.06	27.74 -0.83 0.00	28.07 -0.81 0.00	31.45 -0.77 0.00	40.38 -1.04 0.00	42.78 -1.55 0.00	43.23 -1.66 0.00	40.19 -1.54 0.00	41.76 -1.47 0.00	39.70 -1.40 0.00	39.36 -1.13 0.00	38.46 -1.48 0.00	39.60 -1.56 0.00	40.22 -1.68 0.00	42.72 -1.83 0.00	48.51 -2.50 0.00	52.02 -1.78 0.00	53.75 -1.66 0.00	55.10 -1.07 0.00	44.81 -1.05 0.00	38.00 -1.13 0.00	34.66 -0.31 0.00
NEPA___ENERGY 23901	32.85 -0.07 0.00	28.93 -1.14 0.00	26.77 -1.17 -0.08	27.63 -0.94 0.00	27.96 -0.92 0.00	31.33 -0.90 0.00	40.26 -1.16 0.00	42.65 -1.68 0.00	43.14 -1.75 0.00	40.06 -1.67 0.00	41.71 -1.51 0.00	39.99 -1.11 0.00	39.52 -0.97 0.00	38.42 -1.52 0.00	39.60 -1.56 0.00	40.35 -1.55 0.00	42.72 -1.83 0.00	48.46 -2.55 0.00	52.18 -1.61 0.00	53.64 -1.77 0.00	55.10 -1.07 0.00	44.81 -1.05 0.00	38.04 -1.10 0.00	34.91 -0.07 0.00

NEVERSINK___HYD 23608	34.86 1.94 0.00	31.94 1.87 0.00	30.02 1.73 -0.43	30.32 1.74 0.00	30.62 1.73 0.00	34.13 1.90 0.00	44.03 2.61 0.00	47.30 2.97 0.00	48.03 3.14 0.00	44.53 2.80 0.00	46.00 2.77 0.00	43.64 2.55 0.00	42.84 2.35 0.00	42.30 2.36 0.00	43.64 2.47 0.00	44.33 2.43 0.00	47.13 2.58 0.00	54.33 3.31 0.00	57.08 3.28 0.00	58.68 3.27 0.00	59.37 3.20 0.00	48.34 2.48 0.00	41.33 2.19 0.00	36.87 1.89 0.00
NEWKRMKL_115KV_TB1 55635	33.84 0.92 0.00	30.97 0.90 0.00	29.34 0.89 -0.59	29.49 0.91 0.00	29.75 0.87 0.00	33.16 0.93 0.00	42.58 1.16 0.00	45.75 1.42 0.00	46.23 1.35 0.00	42.98 1.25 0.00	44.39 1.17 0.00	42.25 1.15 0.00	41.58 1.09 0.00	41.10 1.16 0.00	42.36 1.19 0.00	43.07 1.17 0.00	45.75 1.20 0.00	52.34 1.33 0.00	54.87 1.08 0.00	56.63 1.22 0.00	57.18 1.01 0.00	46.79 0.92 0.00	40.12 0.98 0.00	35.71 0.73 0.00
NEWTON___FALLS_HYD 23847	17.56 -2.04 13.31	15.91 -1.71 12.45	14.49 -1.62 11.75	14.94 -1.66 11.98	15.45 -1.56 11.88	20.61 -1.71 9.91	26.81 -2.03 12.58	30.19 -2.22 11.92	35.70 -2.42 6.77	39.31 -2.42 0.00	40.68 -2.55 0.00	38.59 -2.51 0.00	37.86 -2.63 0.00	37.58 -2.36 0.00	38.86 -2.31 0.00	39.68 -2.22 0.00	42.41 -2.14 0.00	48.77 -2.24 0.00	51.70 -2.10 0.00	53.47 -1.94 0.00	54.31 -1.85 0.00	44.31 -1.56 0.00	37.65 -1.49 0.00	33.48 -1.50 0.00
NGRID_A1_DSASP 323792	31.86 -1.05 0.00	28.08 -1.99 0.00	26.15 -1.78 -0.07	26.72 -1.86 0.00	27.03 -1.85 0.00	30.20 -2.03 0.00	38.60 -2.82 0.00	40.61 -3.72 0.00	41.07 -3.82 0.00	38.23 -3.51 0.00	39.86 -3.37 0.00	37.93 -3.16 0.00	37.86 -2.63 0.00	36.74 -3.20 0.00	37.75 -3.42 0.00	38.47 -3.43 0.00	40.80 -3.74 0.00	45.91 -5.10 0.00	49.49 -4.31 0.00	51.15 -4.27 0.00	52.35 -3.82 0.00	42.93 -2.94 0.00	36.24 -2.90 0.00	33.61 -1.36 0.00
NGRID_A2_DSASP 323793	31.86 -1.05 0.00	28.08 -1.99 0.00	26.15 -1.78 -0.07	26.72 -1.86 0.00	27.03 -1.85 0.00	30.20 -2.03 0.00	38.60 -2.82 0.00	40.61 -3.72 0.00	41.07 -3.82 0.00	38.23 -3.51 0.00	39.86 -3.37 0.00	37.93 -3.16 0.00	37.86 -2.63 0.00	36.74 -3.20 0.00	37.75 -3.42 0.00	38.47 -3.43 0.00	40.80 -3.74 0.00	45.91 -5.10 0.00	49.49 -4.31 0.00	51.15 -4.27 0.00	52.35 -3.82 0.00	42.93 -2.94 0.00	36.24 -2.90 0.00	33.61 -1.36 0.00
NGRID_A4_DSASP 323807	31.86 -1.05 0.00	28.08 -1.99 0.00	26.15 -1.78 -0.07	26.72 -1.86 0.00	27.03 -1.85 0.00	30.20 -2.03 0.00	38.60 -2.82 0.00	40.61 -3.72 0.00	41.07 -3.82 0.00	38.23 -3.51 0.00	39.86 -3.37 0.00	37.93 -3.16 0.00	37.86 -2.63 0.00	36.74 -3.20 0.00	37.75 -3.42 0.00	38.47 -3.43 0.00	40.80 -3.74 0.00	45.91 -5.10 0.00	49.49 -4.31 0.00	51.15 -4.27 0.00	52.35 -3.82 0.00	42.93 -2.94 0.00	36.24 -2.90 0.00	33.61 -1.36 0.00
NIAGARA_115E_LBMP 323715	31.70 -1.22 0.00	27.91 -2.17 0.00	25.98 -1.95 -0.07	26.57 -2.00 0.00	26.89 -1.99 0.00	30.04 -2.19 0.00	38.44 -2.98 0.00	40.43 -3.90 0.00	40.89 -4.00 0.00	38.06 -3.67 0.00	39.64 -3.59 0.00	37.77 -3.33 0.00	37.65 -2.84 0.00	36.55 -3.40 0.00	37.55 -3.62 0.00	38.25 -3.65 0.00	40.58 -3.96 0.00	45.71 -5.31 0.00	49.33 -4.46 0.00	50.98 -4.44 0.00	52.18 -3.99 0.00	42.75 -3.12 0.00	36.08 -3.05 0.00	33.48 -1.50 0.00
NIAGARA_115W_LBMP 323714	31.73 -1.18 0.00	28.00 -2.07 0.00	26.07 -1.87 -0.07	26.63 -1.94 0.00	26.95 -1.93 0.00	30.10 -2.13 0.00	38.48 -2.94 0.00	40.47 -3.86 0.00	40.89 -4.00 0.00	38.10 -3.63 0.00	39.73 -3.50 0.00	37.81 -3.29 0.00	37.73 -2.75 0.00	36.63 -3.31 0.00	37.63 -3.54 0.00	38.34 -3.56 0.00	40.67 -3.88 0.00	45.76 -5.25 0.00	49.33 -4.46 0.00	50.98 -4.44 0.00	52.18 -3.99 0.00	42.80 -3.07 0.00	36.12 -3.01 0.00	33.51 -1.47 0.00
NIAGARA_230_LBMP 323716	31.96 -0.96 0.00	28.24 -1.84 0.00	26.29 -1.64 -0.07	26.89 -1.69 0.00	27.21 -1.68 0.00	30.39 -1.84 0.00	38.89 -2.53 0.00	40.92 -3.41 0.00	41.34 -3.55 0.00	38.52 -3.21 0.00	40.16 -3.07 0.00	38.22 -2.88 0.00	38.10 -2.39 0.00	36.99 -2.96 0.00	38.00 -3.17 0.00	38.71 -3.19 0.00	41.07 -3.47 0.00	46.27 -4.74 0.00	49.87 -3.92 0.00	51.53 -3.88 0.00	52.74 -3.43 0.00	43.21 -2.66 0.00	36.47 -2.66 0.00	33.79 -1.19 0.00
NIAGARA___115KV_198_GIBSON 55903	31.73 -1.18 0.00	28.00 -2.07 0.00	26.07 -1.87 -0.07	26.63 -1.94 0.00	26.95 -1.94 0.00	30.10 -2.13 0.00	38.52 -2.90 0.00	40.43 -3.90 0.00	40.89 -3.99 0.00	38.06 -3.67 0.00	39.73 -3.50 0.00	37.85 -3.25 0.00	37.74 -2.75 0.00	36.67 -3.28 0.00	37.71 -3.46 0.00	38.34 -3.56 0.00	40.58 -3.96 0.00	45.76 -5.25 0.00	49.33 -4.46 0.00	50.76 -4.65 0.00	52.18 -3.99 0.00	42.47 -3.39 0.00	36.12 -3.01 0.00	33.51 -1.47 0.00
NIAGARA____ 23760	31.96 -0.96 0.00	28.24 -1.84 0.00	26.29 -1.64 -0.07	26.89 -1.69 0.00	27.21 -1.68 0.00	30.39 -1.84 0.00	38.89 -2.53 0.00	40.92 -3.41 0.00	41.34 -3.55 0.00	38.52 -3.21 0.00	40.16 -3.07 0.00	38.22 -2.88 0.00	38.10 -2.39 0.00	36.99 -2.96 0.00	38.00 -3.17 0.00	38.71 -3.19 0.00	41.07 -3.47 0.00	46.27 -4.74 0.00	49.87 -3.92 0.00	51.53 -3.88 0.00	52.74 -3.43 0.00	43.21 -2.66 0.00	36.47 -2.66 0.00	33.79 -1.19 0.00
NINE_MILE_1 23575	32.13 -0.79 0.00	29.20 -0.87 0.00	27.05 -0.84 -0.03	27.72 -0.86 0.00	28.05 -0.84 0.00	31.33 -0.90 0.00	40.30 -1.12 0.00	43.04 -1.29 0.00	43.54 -1.35 0.00	40.52 -1.21 0.00	41.93 -1.30 0.00	39.86 -1.23 0.00	39.31 -1.18 0.00	38.70 -1.24 0.00	39.89 -1.28 0.00	40.60 -1.30 0.00	43.16 -1.38 0.00	49.38 -1.63 0.00	52.23 -1.56 0.00	53.80 -1.61 0.00	54.60 -1.57 0.00	44.58 -1.28 0.00	37.92 -1.21 0.00	34.00 -0.98 0.00
NINE_MILE_2 23744	32.13 -0.79 0.00	29.23 -0.84 0.00	27.05 -0.84 -0.03	27.72 -0.86 0.00	28.05 -0.84 0.00	31.33 -0.90 0.00	40.30 -1.12 0.00	43.04 -1.29 0.00	43.54 -1.35 0.00	40.52 -1.21 0.00	41.93 -1.30 0.00	39.86 -1.23 0.00	39.31 -1.18 0.00	38.70 -1.24 0.00	39.89 -1.28 0.00	40.60 -1.30 0.00	43.16 -1.38 0.00	49.38 -1.63 0.00	52.23 -1.56 0.00	53.80 -1.61 0.00	54.60 -1.57 0.00	44.58 -1.28 0.00	37.92 -1.21 0.00	34.00 -0.98 0.00
NM_CAPITAL___DRP 24208	33.94 1.02 0.00	31.09 1.02 0.00	29.42 0.98 -0.59	29.60 1.03 0.00	29.87 0.98 0.00	33.29 1.06 0.00	42.75 1.33 0.00	45.88 1.55 0.00	46.41 1.53 0.00	43.15 1.42 0.00	44.57 1.34 0.00	42.41 1.32 0.00	41.70 1.21 0.00	41.26 1.32 0.00	42.49 1.32 0.00	43.20 1.30 0.00	45.88 1.34 0.00	52.54 1.53 0.00	55.09 1.29 0.00	56.85 1.44 0.00	57.40 1.24 0.00	46.97 1.10 0.00	40.23 1.10 0.00	35.82 0.84 0.00
NM_CENTRAL___DRP 24181	32.85 -0.07 0.00	29.80 -0.27 0.00	27.60 -0.31 -0.04	28.26 -0.31 0.00	28.59 -0.29 0.00	31.97 -0.26 0.00	41.17 -0.25 0.00	44.02 -0.31 0.00	44.57 -0.31 0.00	41.48 -0.25 0.00	42.97 -0.26 0.00	40.85 -0.25 0.00	40.25 -0.24 0.00	39.62 -0.32 0.00	40.84 -0.33 0.00	41.56 -0.34 0.00	44.10 -0.45 0.00	50.50 -0.51 0.00	53.42 -0.38 0.00	55.02 -0.39 0.00	55.89 -0.28 0.00	45.55 -0.32 0.00	38.75 -0.39 0.00	34.73 -0.24 0.00

NM_FRONTIER___DRP 24179	31.73 -1.18 0.00	28.00 -2.07 0.00	26.07 -1.87 -0.07	26.63 -1.94 0.00	26.95 -1.94 0.00	30.10 -2.13 0.00	38.52 -2.90 0.00	40.43 -3.90 0.00	40.89 -3.99 0.00	38.06 -3.67 0.00	39.73 -3.50 0.00	37.85 -3.25 0.00	37.74 -2.75 0.00	36.67 -3.28 0.00	37.71 -3.46 0.00	38.34 -3.56 0.00	40.58 -3.96 0.00	45.76 -5.25 0.00	49.33 -4.46 0.00	50.76 -4.65 0.00	52.18 -3.99 0.00	42.47 -3.39 0.00	36.12 -3.01 0.00	33.51 -1.47 0.00
NM_ST_REGIS___HYD 24053	9.91 -2.17 20.83	8.82 -1.77 19.48	7.81 -1.64 18.41	8.15 -1.69 18.74	8.66 -1.65 18.58	14.91 -1.80 15.51	19.54 -2.20 19.68	23.28 -2.39 18.66	31.75 -2.56 10.58	39.31 -2.42 0.00	40.81 -2.42 0.00	38.79 -2.30 0.00	38.14 -2.35 0.00	37.78 -2.16 0.00	39.07 -2.10 0.00	39.81 -2.10 0.00	42.54 -2.00 0.00	48.72 -2.30 0.00	51.59 -2.21 0.00	53.20 -2.22 0.00	53.98 -2.19 0.00	44.12 -1.74 0.00	37.65 -1.49 0.00	33.48 -1.50 0.00
NORTHPORT___1 23551	35.82 2.90 -0.01	32.60 2.53 0.00	30.73 2.40 -0.47	30.97 2.40 0.00	31.31 2.43 0.00	34.90 2.67 0.00	44.90 3.48 0.00	47.61 3.28 0.00	48.48 3.59 0.00	45.21 3.46 -0.02	47.52 3.11 -1.18	46.74 2.92 -2.72	46.14 2.83 -2.82	44.69 2.91 -1.83	46.05 3.00 -1.87	46.68 2.93 -1.85	48.91 2.98 -1.38	56.21 3.62 -1.58	58.66 3.39 -1.48	59.80 3.32 -1.06	60.53 3.37 -0.99	49.92 2.71 -1.35	42.15 2.90 -0.12	37.97 2.87 -0.12
NORTHPORT___2 23552	35.82 2.90 -0.01	32.60 2.53 0.00	30.73 2.40 -0.47	30.97 2.40 0.00	31.31 2.43 0.00	34.90 2.67 0.00	44.90 3.48 0.00	47.61 3.28 0.00	48.48 3.59 0.00	45.21 3.46 -0.02	47.52 3.11 -1.18	46.74 2.92 -2.72	46.14 2.83 -2.82	44.69 2.91 -1.83	46.05 3.00 -1.87	46.68 2.93 -1.85	48.91 2.98 -1.38	56.21 3.62 -1.58	58.66 3.39 -1.48	59.80 3.32 -1.06	60.53 3.37 -0.99	49.92 2.71 -1.35	42.15 2.90 -0.12	37.97 2.87 -0.12
NORTHPORT___3 23553	36.12 3.19 -0.01	32.87 2.80 0.00	30.98 2.65 -0.47	31.23 2.66 0.00	31.57 2.69 0.00	35.19 2.96 0.00	45.40 3.98 0.00	48.41 4.08 0.00	49.24 4.35 0.00	45.92 4.17 -0.02	48.29 3.89 -1.17	47.51 3.70 -2.71	46.90 3.60 -2.81	45.40 3.63 -1.82	46.78 3.75 -1.86	47.43 3.69 -1.84	49.75 3.83 -1.37	57.08 4.49 -1.58	59.63 4.36 -1.48	60.68 4.21 -1.06	61.59 4.44 -0.99	50.74 3.53 -1.34	42.70 3.44 -0.12	38.29 3.18 -0.12
NORTHPORT___4 23650	36.12 3.19 -0.01	32.87 2.80 0.00	30.98 2.65 -0.47	31.23 2.66 0.00	31.57 2.69 0.00	35.19 2.96 0.00	45.40 3.98 0.00	48.41 4.08 0.00	49.24 4.35 0.00	45.92 4.17 -0.02	48.29 3.89 -1.17	47.51 3.70 -2.71	46.90 3.60 -2.81	45.40 3.63 -1.82	46.78 3.75 -1.86	47.43 3.69 -1.84	49.75 3.83 -1.37	57.08 4.49 -1.58	59.63 4.36 -1.48	60.68 4.21 -1.06	61.59 4.44 -0.99	50.74 3.53 -1.34	42.70 3.44 -0.12	38.29 3.18 -0.12
NORTHPORT___IC 23718	35.79 2.86 -0.01	32.60 2.53 0.00	30.73 2.40 -0.47	30.97 2.40 0.00	31.31 2.43 0.00	34.90 2.67 0.00	44.40 2.98 0.00	47.65 3.32 0.00	48.52 3.64 0.00	45.25 3.51 -0.02	47.52 3.11 -1.18	46.74 2.92 -2.72	46.15 2.83 -2.82	44.65 2.88 -1.83	46.05 3.01 -1.87	46.68 2.93 -1.85	49.00 3.07 -1.38	56.21 3.62 -1.58	58.66 3.39 -1.48	59.85 3.38 -1.06	60.53 3.37 -0.99	50.01 2.80 -1.35	42.19 2.94 -0.12	37.97 2.87 -0.12
NORTH___COUNTRY_ESR 323785	6.27 -1.81 24.83	5.32 -1.53 23.22	4.49 -1.42 21.95	4.78 -1.46 22.34	5.32 -1.41 22.15	12.25 -1.48 18.49	16.17 -1.78 23.47	20.14 -1.95 22.24	30.31 -1.97 12.61	40.02 -1.71 0.00	41.63 -1.60 0.00	39.62 -1.48 0.00	39.03 -1.46 0.00	38.66 -1.28 0.00	39.94 -1.23 0.00	40.73 -1.17 0.00	43.48 -1.07 0.00	49.69 -1.33 0.00	52.56 -1.24 0.00	54.14 -1.27 0.00	54.88 -1.29 0.00	44.81 -1.05 0.00	38.35 -0.78 0.00	34.18 -0.80 0.00
NPX_GEN_1385_PROXY 323591	35.79 2.86 -0.01	32.60 2.53 0.00	30.73 2.40 -0.47	30.97 2.40 0.00	31.31 2.43 0.00	34.90 2.67 0.00	44.90 3.48 0.00	47.70 3.37 0.00	48.43 3.55 0.00	45.13 3.38 -0.02	47.56 3.15 -1.18	46.74 2.92 -2.72	46.14 2.83 -2.82	44.69 2.91 -1.83	46.05 3.00 -1.87	46.68 2.93 -1.85	48.91 2.98 -1.38	56.21 3.62 -1.58	58.50 3.23 -1.48	59.74 3.27 -1.06	60.53 3.37 -0.99	49.92 2.71 -1.35	42.15 2.90 -0.12	37.94 2.83 -0.12
NPX_GEN_CSC 323557	36.28 3.36 -0.01	32.96 2.89 0.00	31.14 2.81 -0.47	31.37 2.80 0.00	31.77 2.89 0.00	35.35 3.13 0.00	45.52 4.10 0.00	48.45 4.12 0.00	49.33 4.44 0.00	46.01 4.26 -0.02	48.46 3.85 -1.39	47.88 3.57 -3.21	47.30 3.48 -3.33	45.70 3.60 -2.16	47.12 3.75 -2.21	47.68 3.60 -2.18	49.96 3.78 -1.62	57.62 4.74 -1.86	60.11 4.57 -1.74	61.32 4.66 -1.25	62.00 4.66 -1.17	51.22 3.76 -1.59	42.95 3.68 -0.14	38.56 3.43 -0.15
NSINS_S_GLNS_FALLS 23858	34.89 1.97 0.00	31.90 1.83 0.00	30.24 1.78 -0.60	30.43 1.86 0.00	30.67 1.79 0.00	34.29 2.06 0.00	44.28 2.86 0.00	46.50 2.17 0.00	46.77 1.89 0.00	43.57 1.84 0.00	45.04 1.82 0.00	42.82 1.73 0.00	42.11 1.62 0.00	41.54 1.60 0.00	42.77 1.61 0.00	43.49 1.59 0.00	46.19 1.65 0.00	52.85 1.84 0.00	55.68 1.88 0.00	57.57 2.16 0.00	58.13 1.97 0.00	47.66 1.79 0.00	41.52 2.39 0.00	36.94 1.96 0.00
NUCOR_STEEL___DRP 24197	33.15 0.23 0.00	30.01 -0.06 0.00	27.75 -0.17 -0.05	28.43 -0.14 0.00	28.80 -0.09 0.00	32.23 0.00 0.00	41.59 0.17 0.00	44.42 0.09 0.00	44.93 0.04 0.00	41.77 0.04 0.00	43.23 0.00 0.00	41.05 -0.04 0.00	40.49 0.00 0.00	39.82 -0.12 0.00	41.05 -0.12 0.00	41.77 -0.13 0.00	44.41 -0.13 0.00	50.86 -0.15 0.00	53.96 0.16 0.00	55.58 0.17 0.00	56.56 0.39 0.00	46.05 0.18 0.00	39.10 -0.04 0.00	35.05 0.07 0.00
NUMBER_THREE_WT_PWR 323818	26.74 -1.05 5.12	24.35 -0.93 4.79	22.46 -0.89 4.51	23.08 -0.89 4.61	23.56 -0.75 4.57	27.61 -0.80 3.82	35.71 -0.87 4.84	38.76 -0.98 4.59	41.19 -1.08 2.61	40.48 -1.25 0.00	41.80 -1.43 0.00	39.58 -1.52 0.00	38.79 -1.70 0.00	38.62 -1.32 0.00	40.02 -1.15 0.00	40.85 -1.05 0.00	43.66 -0.89 0.00	50.40 -0.61 0.00	53.47 -0.32 0.00	55.36 -0.06 0.00	56.28 0.11 0.00	45.78 -0.09 0.00	38.78 -0.35 0.00	34.56 -0.42 0.00
NYISO_LBMP_REFERENCE 24008	32.92 0.00 0.00	30.07 0.00 0.00	27.86 0.00 0.00	28.57 0.00 0.00	28.88 0.00 0.00	32.23 0.00 0.00	41.42 0.00 0.00	44.33 0.00 0.00	44.89 0.00 0.00	41.73 0.00 0.00	43.23 0.00 0.00	41.10 0.00 0.00	40.49 0.00 0.00	39.94 0.00 0.00	41.17 0.00 0.00	41.90 0.00 0.00	44.55 0.00 0.00	51.01 0.00 0.00	53.79 0.00 0.00	55.41 0.00 0.00	56.17 0.00 0.00	45.87 0.00 0.00	39.14 0.00 0.00	34.98 0.00 0.00
NYPA_BRENTWD____GT 24164	36.22 3.29 -0.01	32.93 2.86 0.00	31.06 2.73 -0.47	31.29 2.72 0.00	31.66 2.77 0.00	35.29 3.06 0.00	45.44 4.02 0.00	48.36 4.03 0.00	49.20 4.31 0.00	45.89 4.13 -0.02	48.67 3.80 -1.64	48.46 3.57 -3.79	47.91 3.48 -3.93	46.05 3.55 -2.55	47.48 3.71 -2.61	48.08 3.60 -2.57	50.21 3.74 -1.92	57.75 4.54 -2.20	60.21 4.36 -2.06	61.26 4.38 -1.47	61.99 4.44 -1.38	51.32 3.58 -1.87	42.82 3.52 -0.16	38.48 3.32 -0.17

OAKDALE___35_KV_LOAD 356122	33.31 0.39 0.00	30.19 0.12 0.00	28.04 0.03 -0.15	28.66 0.09 0.00	29.03 0.14 0.00	32.45 0.23 0.00	41.75 0.33 0.00	44.64 0.31 0.00	45.16 0.27 0.00	41.98 0.25 0.00	43.49 0.26 0.00	41.34 0.25 0.00	40.81 0.32 0.00	40.10 0.16 0.00	41.33 0.16 0.00	42.03 0.13 0.00	44.64 0.09 0.00	51.11 0.10 0.00	54.12 0.32 0.00	55.74 0.33 0.00	56.73 0.56 0.00	46.23 0.37 0.00	39.33 0.20 0.00	35.33 0.35 0.00
OCC_CHEM___DRP 24175	31.86 -1.05 0.00	28.09 -1.98 0.00	26.12 -1.81 -0.07	26.72 -1.86 0.00	27.04 -1.85 0.00	30.20 -2.03 0.00	38.65 -2.78 0.00	40.56 -3.77 0.00	41.07 -3.82 0.00	38.18 -3.55 0.00	39.86 -3.37 0.00	37.97 -3.12 0.00	37.86 -2.63 0.00	36.79 -3.16 0.00	37.83 -3.33 0.00	38.46 -3.44 0.00	40.72 -3.83 0.00	45.91 -5.10 0.00	49.49 -4.30 0.00	50.92 -4.49 0.00	52.35 -3.82 0.00	42.61 -3.26 0.00	36.24 -2.90 0.00	33.62 -1.36 0.00
OH_GEN_PROXY 24063	31.96 -0.96 0.00	28.30 -1.77 0.00	26.32 -1.62 -0.07	26.91 -1.66 0.00	27.24 -1.65 0.00	30.46 -1.77 0.00	38.94 -2.48 0.00	41.00 -3.33 0.00	41.47 -3.41 0.00	38.60 -3.13 0.00	40.24 -2.98 0.00	38.30 -2.80 0.00	38.18 -2.31 0.00	37.11 -2.83 0.00	38.12 -3.05 0.00	38.80 -3.10 0.00	41.20 -3.34 0.00	46.42 -4.59 0.00	50.03 -3.77 0.00	51.70 -3.71 0.00	52.91 -3.26 0.00	43.30 -2.57 0.00	36.55 -2.58 0.00	33.83 -1.15 0.00
OLIN_CORP_DRP 24177	31.76 -1.15 0.00	27.97 -2.10 0.00	26.01 -1.92 -0.07	26.63 -1.94 0.00	26.95 -1.94 0.00	30.13 -2.09 0.00	38.56 -2.86 0.00	40.52 -3.81 0.00	40.98 -3.91 0.00	38.10 -3.63 0.00	39.77 -3.46 0.00	37.85 -3.25 0.00	37.78 -2.71 0.00	36.67 -3.28 0.00	37.71 -3.46 0.00	38.34 -3.56 0.00	40.63 -3.92 0.00	45.81 -5.20 0.00	49.44 -4.36 0.00	50.87 -4.54 0.00	52.29 -3.88 0.00	42.57 -3.30 0.00	36.16 -2.97 0.00	33.55 -1.43 0.00
OLIN_CORP_DSASP 323712	31.86 -1.05 0.00	28.08 -1.99 0.00	26.15 -1.78 -0.07	26.72 -1.86 0.00	27.03 -1.85 0.00	30.20 -2.03 0.00	38.60 -2.82 0.00	40.61 -3.72 0.00	41.07 -3.82 0.00	38.23 -3.51 0.00	39.86 -3.37 0.00	37.93 -3.16 0.00	37.86 -2.63 0.00	36.74 -3.20 0.00	37.75 -3.42 0.00	38.47 -3.43 0.00	40.80 -3.74 0.00	45.91 -5.10 0.00	49.49 -4.31 0.00	51.15 -4.27 0.00	52.35 -3.82 0.00	42.93 -2.94 0.00	36.24 -2.90 0.00	33.61 -1.36 0.00
ONEIDA_HERK_LFGE 323681	31.29 -0.07 1.56	28.58 -0.03 1.46	26.41 -0.08 1.36	27.14 -0.03 1.40	27.55 0.06 1.39	31.16 0.10 1.16	40.20 0.25 1.47	43.20 0.27 1.40	44.35 0.27 0.81	41.81 0.08 0.00	43.23 0.00 0.00	40.97 -0.12 0.00	40.21 -0.28 0.00	39.82 -0.12 0.00	41.17 0.00 0.00	41.98 0.08 0.00	44.72 0.18 0.00	51.52 0.51 0.00	54.49 0.70 0.00	56.30 0.88 0.00	57.12 0.95 0.00	46.56 0.69 0.00	39.53 0.39 0.00	35.23 0.25 0.00
ONEIDA___115KV_TB4 55905	33.54 0.63 0.00	30.58 0.51 0.00	28.31 0.42 -0.03	29.03 0.46 0.00	29.43 0.55 0.00	32.90 0.68 0.00	42.41 0.99 0.00	45.35 1.02 0.00	45.96 1.08 0.00	42.65 0.92 0.00	44.13 0.91 0.00	41.79 0.70 0.00	41.06 0.57 0.00	40.50 0.56 0.00	41.87 0.70 0.00	42.65 0.75 0.00	45.35 0.80 0.00	52.19 1.17 0.00	55.25 1.45 0.00	56.96 1.55 0.00	57.85 1.69 0.00	47.11 1.24 0.00	40.00 0.86 0.00	35.71 0.73 0.00
ONONDAGA_REF_OCCRA 23987	32.98 0.07 0.00	29.92 -0.15 0.00	27.69 -0.22 -0.05	28.37 -0.20 0.00	28.71 -0.17 0.00	32.10 -0.13 0.00	41.38 -0.04 0.00	44.24 -0.09 0.00	44.89 0.00 0.00	41.73 0.00 0.00	43.18 -0.04 0.00	41.01 -0.08 0.00	40.45 -0.04 0.00	39.82 -0.12 0.00	41.05 -0.12 0.00	41.77 -0.13 0.00	44.32 -0.22 0.00	50.71 -0.31 0.00	53.74 -0.05 0.00	55.30 -0.11 0.00	56.22 0.06 0.00	45.78 -0.09 0.00	38.94 -0.20 0.00	34.87 -0.10 0.00
ONONDAGA___COGEN 23986	32.88 -0.03 0.00	29.83 -0.24 0.00	27.63 -0.28 -0.04	28.29 -0.29 0.00	28.62 -0.26 0.00	32.03 -0.19 0.00	41.25 -0.17 0.00	44.11 -0.22 0.00	44.66 -0.22 0.00	41.56 -0.17 0.00	43.01 -0.22 0.00	40.89 -0.21 0.00	40.29 -0.20 0.00	39.66 -0.28 0.00	40.88 -0.29 0.00	41.61 -0.29 0.00	44.19 -0.36 0.00	50.60 -0.41 0.00	53.58 -0.22 0.00	55.14 -0.28 0.00	56.06 -0.11 0.00	45.64 -0.23 0.00	38.82 -0.31 0.00	34.77 -0.21 0.00
ONTARIO___LFGE 23819	33.70 0.79 0.00	30.28 0.21 0.00	28.00 0.06 -0.08	28.75 0.17 0.00	29.20 0.32 0.00	32.78 0.55 0.00	42.50 1.08 0.00	45.48 1.15 0.00	45.83 0.94 0.00	42.44 0.71 0.00	43.92 0.69 0.00	41.71 0.62 0.00	41.13 0.65 0.00	40.34 0.40 0.00	41.58 0.41 0.00	42.28 0.38 0.00	45.04 0.49 0.00	51.27 0.26 0.00	54.81 1.02 0.00	56.63 1.22 0.00	57.74 1.57 0.00	46.88 1.01 0.00	39.88 0.74 0.00	35.85 0.87 0.00
ORANGEVILLE_WT_PWR 323706	32.46 -0.46 0.00	28.69 -1.38 0.00	26.67 -1.28 -0.09	27.35 -1.23 0.00	27.73 -1.16 0.00	31.07 -1.16 0.00	40.01 -1.41 0.00	42.47 -1.86 0.00	42.87 -2.02 0.00	39.77 -1.96 0.00	41.33 -1.90 0.00	39.29 -1.81 0.00	39.07 -1.42 0.00	38.06 -1.88 0.00	39.15 -2.02 0.00	39.89 -2.01 0.00	42.32 -2.23 0.00	48.11 -2.91 0.00	51.75 -2.04 0.00	53.53 -1.88 0.00	54.77 -1.40 0.00	44.72 -1.14 0.00	37.81 -1.33 0.00	34.66 -0.32 0.00
ORANGEVILLE___ESR 323794	32.46 -0.46 0.00	28.69 -1.38 0.00	26.67 -1.28 -0.09	27.35 -1.23 0.00	27.73 -1.16 0.00	31.07 -1.16 0.00	40.01 -1.41 0.00	42.47 -1.86 0.00	42.87 -2.02 0.00	39.77 -1.96 0.00	41.33 -1.90 0.00	39.29 -1.81 0.00	39.07 -1.42 0.00	38.06 -1.88 0.00	39.15 -2.02 0.00	39.89 -2.01 0.00	42.32 -2.23 0.00	48.11 -2.91 0.00	51.75 -2.04 0.00	53.53 -1.88 0.00	54.77 -1.40 0.00	44.72 -1.14 0.00	37.81 -1.33 0.00	34.66 -0.32 0.00
OSWEGATCHIE___HYD 24044	17.56 -2.04 13.31	15.91 -1.71 12.45	14.46 -1.64 11.75	14.94 -1.66 11.98	15.45 -1.56 11.88	20.61 -1.71 9.91	26.81 -2.03 12.58	30.19 -2.22 11.92	35.70 -2.42 6.77	39.31 -2.42 0.00	40.68 -2.55 0.00	38.59 -2.51 0.00	37.86 -2.63 0.00	37.58 -2.36 0.00	38.86 -2.30 0.00	39.68 -2.22 0.00	42.41 -2.14 0.00	48.77 -2.24 0.00	51.70 -2.10 0.00	53.47 -1.94 0.00	54.32 -1.85 0.00	44.31 -1.56 0.00	37.65 -1.49 0.00	33.48 -1.50 0.00
OSWEGO___5 23606	32.32 -0.59 0.00	29.38 -0.69 0.00	27.22 -0.67 -0.03	27.89 -0.69 0.00	28.22 -0.66 0.00	31.52 -0.71 0.00	40.55 -0.87 0.00	43.31 -1.02 0.00	43.86 -1.03 0.00	40.77 -0.96 0.00	42.23 -0.99 0.00	40.15 -0.94 0.00	39.56 -0.93 0.00	38.98 -0.96 0.00	40.18 -0.99 0.00	40.85 -1.05 0.00	43.43 -1.11 0.00	49.69 -1.33 0.00	52.56 -1.24 0.00	54.14 -1.27 0.00	54.99 -1.18 0.00	44.86 -1.01 0.00	38.20 -0.94 0.00	34.21 -0.77 0.00
OSWEGO___6 23613	32.32 -0.59 0.00	29.38 -0.69 0.00	27.22 -0.67 -0.03	27.89 -0.69 0.00	28.22 -0.66 0.00	31.52 -0.71 0.00	40.55 -0.87 0.00	43.31 -1.02 0.00	43.86 -1.03 0.00	40.77 -0.96 0.00	42.23 -0.99 0.00	40.15 -0.94 0.00	39.56 -0.93 0.00	38.98 -0.96 0.00	40.18 -0.99 0.00	40.85 -1.05 0.00	43.43 -1.11 0.00	49.69 -1.33 0.00	52.56 -1.24 0.00	54.14 -1.27 0.00	54.99 -1.18 0.00	44.86 -1.01 0.00	38.20 -0.94 0.00	34.21 -0.77 0.00

OUTOKUMPU-AB___DRP 24206	32.65 -0.26 0.00	28.57 -1.50 0.00	26.54 -1.39 -0.07	27.20 -1.37 0.00	27.53 -1.36 0.00	30.78 -1.45 0.00	39.47 -1.95 0.00	41.58 -2.75 0.00	42.06 -2.83 0.00	39.10 -2.63 0.00	40.76 -2.46 0.00	38.84 -2.26 0.00	38.71 -1.78 0.00	37.58 -2.36 0.00	38.66 -2.51 0.00	39.34 -2.56 0.00	41.65 -2.90 0.00	47.03 -3.98 0.00	50.73 -3.07 0.00	52.20 -3.21 0.00	53.64 -2.53 0.00	43.67 -2.20 0.00	37.14 -2.00 0.00	34.35 -0.63 0.00
OXBOW___BTM 323836	32.32 -0.59 0.00	28.36 -1.71 0.00	26.40 -1.53 -0.07	27.00 -1.57 0.00	27.32 -1.56 0.00	30.52 -1.71 0.00	39.10 -2.32 0.00	41.18 -3.15 0.00	41.65 -3.23 0.00	38.73 -3.01 0.00	40.37 -2.85 0.00	38.46 -2.63 0.00	38.34 -2.15 0.00	37.22 -2.72 0.00	38.25 -2.92 0.00	38.97 -2.93 0.00	41.34 -3.21 0.00	46.57 -4.44 0.00	50.19 -3.60 0.00	51.92 -3.49 0.00	53.08 -3.09 0.00	43.53 -2.34 0.00	36.75 -2.39 0.00	34.04 -0.94 0.00
OXBOW___ 24026	32.32 -0.59 0.00	28.36 -1.71 0.00	26.37 -1.56 -0.07	27.00 -1.57 0.00	27.32 -1.56 0.00	30.52 -1.71 0.00	39.10 -2.32 0.00	41.14 -3.19 0.00	41.66 -3.23 0.00	38.73 -3.00 0.00	40.37 -2.85 0.00	38.47 -2.63 0.00	38.38 -2.11 0.00	37.23 -2.72 0.00	38.33 -2.84 0.00	38.97 -2.93 0.00	41.25 -3.30 0.00	46.57 -4.44 0.00	50.19 -3.60 0.00	51.64 -3.77 0.00	53.08 -3.09 0.00	43.21 -2.66 0.00	36.75 -2.39 0.00	34.03 -0.94 0.00
OXY_CHEM_DSASP 323612	31.86 -1.05 0.00	28.09 -1.98 0.00	26.12 -1.81 -0.07	26.72 -1.86 0.00	27.04 -1.85 0.00	30.20 -2.03 0.00	38.65 -2.78 0.00	40.56 -3.77 0.00	41.07 -3.82 0.00	38.18 -3.55 0.00	39.86 -3.37 0.00	37.97 -3.12 0.00	37.86 -2.63 0.00	36.79 -3.16 0.00	37.83 -3.33 0.00	38.46 -3.44 0.00	40.72 -3.83 0.00	45.91 -5.10 0.00	49.49 -4.30 0.00	50.92 -4.49 0.00	52.35 -3.82 0.00	42.61 -3.26 0.00	36.24 -2.90 0.00	33.62 -1.36 0.00
OZONE_PARK_ESR 323760	35.45 2.53 0.00	32.42 2.35 0.00	30.53 2.20 -0.47	30.80 2.23 0.00	31.08 2.20 0.00	34.58 2.35 0.00	44.69 3.27 0.00	48.28 3.95 0.00	49.02 4.13 0.00	45.55 3.80 -0.02	47.03 3.80 0.00	44.75 3.66 0.00	44.05 3.56 0.00	43.50 3.55 0.00	44.87 3.71 0.00	45.55 3.65 0.00	48.33 3.79 0.00	55.55 4.54 0.00	58.10 4.30 0.00	59.62 4.21 0.00	60.44 4.27 0.00	49.22 3.35 0.00	42.07 2.94 0.00	37.53 2.55 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.86 -1.05 0.00	28.09 -1.98 0.00	26.12 -1.81 -0.07	26.72 -1.86 0.00	27.04 -1.85 0.00	30.20 -2.03 0.00	38.65 -2.78 0.00	40.56 -3.77 0.00	41.07 -3.82 0.00	38.18 -3.55 0.00	39.86 -3.37 0.00	37.97 -3.12 0.00	37.86 -2.63 0.00	36.79 -3.16 0.00	37.83 -3.33 0.00	38.46 -3.44 0.00	40.72 -3.83 0.00	45.91 -5.10 0.00	49.49 -4.30 0.00	50.92 -4.49 0.00	52.35 -3.82 0.00	42.61 -3.26 0.00	36.24 -2.90 0.00	33.62 -1.36 0.00
PACKARD___115KV_DUPONT_184 80571	31.86 -1.05 0.00	28.09 -1.98 0.00	26.12 -1.81 -0.07	26.72 -1.86 0.00	27.04 -1.85 0.00	30.20 -2.03 0.00	38.65 -2.78 0.00	40.56 -3.77 0.00	41.07 -3.82 0.00	38.18 -3.55 0.00	39.86 -3.37 0.00	37.97 -3.12 0.00	37.86 -2.63 0.00	36.79 -3.16 0.00	37.83 -3.33 0.00	38.46 -3.44 0.00	40.72 -3.83 0.00	45.91 -5.10 0.00	49.49 -4.30 0.00	50.92 -4.49 0.00	52.35 -3.82 0.00	42.61 -3.26 0.00	36.24 -2.90 0.00	33.62 -1.36 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.36 1.45 0.00	31.48 1.41 0.00	29.72 1.39 -0.47	29.86 1.29 0.00	30.13 1.24 0.00	33.61 1.39 0.00	43.33 1.91 0.00	46.86 2.53 0.00	47.54 2.65 0.00	44.07 2.34 0.00	45.65 2.42 0.00	43.32 2.22 0.00	42.68 2.19 0.00	42.14 2.20 0.00	43.52 2.35 0.00	44.20 2.30 0.00	46.86 2.32 0.00	53.87 2.86 0.00	57.35 3.55 0.00	58.90 3.49 0.00	59.71 3.54 0.00	48.67 2.80 0.00	41.60 2.47 0.00	37.11 2.13 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.46 1.55 0.00	31.57 1.50 0.00	29.81 1.48 -0.47	29.94 1.37 0.00	30.24 1.36 0.00	33.71 1.48 0.00	43.45 2.03 0.00	46.99 2.66 0.00	47.63 2.74 0.00	44.07 2.34 0.00	45.73 2.51 0.00	43.36 2.26 0.00	42.72 2.23 0.00	42.14 2.20 0.00	43.56 2.39 0.00	44.25 2.35 0.00	46.91 2.36 0.00	53.92 2.91 0.00	57.45 3.66 0.00	59.01 3.60 0.00	59.88 3.71 0.00	48.85 2.98 0.00	41.80 2.66 0.00	37.32 2.34 0.00
PATROON___115KV_TB1 80586	33.90 0.99 0.00	31.06 0.99 0.00	29.40 0.95 -0.59	29.57 1.00 0.00	29.84 0.95 0.00	33.26 1.03 0.00	42.70 1.28 0.00	45.88 1.55 0.00	46.37 1.48 0.00	43.11 1.38 0.00	44.52 1.30 0.00	42.37 1.27 0.00	41.70 1.21 0.00	41.22 1.28 0.00	42.49 1.32 0.00	43.20 1.30 0.00	45.88 1.34 0.00	52.49 1.48 0.00	55.03 1.24 0.00	56.80 1.39 0.00	57.35 1.18 0.00	46.92 1.05 0.00	40.23 1.10 0.00	35.82 0.84 0.00
PATTRSNVILLE___SOLAR 323815	34.46 1.55 0.00	31.51 1.44 0.00	29.87 1.39 -0.62	30.00 1.43 0.00	30.30 1.41 0.00	33.81 1.58 0.00	43.41 1.99 0.00	46.46 2.13 0.00	47.00 2.11 0.00	43.56 1.83 0.00	45.08 1.86 0.00	42.82 1.73 0.00	42.15 1.66 0.00	41.58 1.64 0.00	42.86 1.69 0.00	43.58 1.68 0.00	46.37 1.83 0.00	53.15 2.14 0.00	56.05 2.26 0.00	57.79 2.38 0.00	58.53 2.36 0.00	47.88 2.02 0.00	40.94 1.80 0.00	36.48 1.50 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.55 -0.36 0.00	28.51 -1.56 0.00	26.16 -1.78 -0.08	27.17 -1.40 0.00	27.53 -1.36 0.00	30.81 -1.42 0.00	39.60 -1.82 0.00	41.98 -2.35 0.00	42.42 -2.47 0.00	39.39 -2.34 0.00	41.07 -2.16 0.00	39.08 -2.01 0.00	38.91 -1.58 0.00	37.78 -2.16 0.00	38.95 -2.22 0.00	39.64 -2.26 0.00	41.96 -2.58 0.00	47.49 -3.52 0.00	51.16 -2.64 0.00	52.64 -2.77 0.00	54.09 -2.08 0.00	43.94 -1.93 0.00	37.34 -1.80 0.00	34.38 -0.59 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.09 2.17 0.00	32.15 2.07 0.00	30.28 1.95 -0.47	30.57 2.00 0.00	30.85 1.96 0.00	34.35 2.13 0.00	44.28 2.86 0.00	47.65 3.32 0.00	48.43 3.55 0.00	44.99 3.25 0.00	46.47 3.24 0.00	44.14 3.04 0.00	43.48 3.00 0.00	42.94 3.00 0.00	44.34 3.17 0.00	45.08 3.18 0.00	47.89 3.34 0.00	55.09 4.08 0.00	57.72 3.93 0.00	59.29 3.88 0.00	60.04 3.88 0.00	48.89 3.03 0.00	41.80 2.66 0.00	37.22 2.24 0.00
PEEKSKILL___ 23653	34.86 1.94 0.00	31.94 1.87 0.00	30.08 1.76 -0.46	30.35 1.77 0.00	30.65 1.76 0.00	34.10 1.87 0.00	43.99 2.57 0.00	47.35 3.02 0.00	48.07 3.19 0.00	44.69 2.96 0.01	46.17 2.94 0.00	43.89 2.80 0.00	43.20 2.71 0.00	42.70 2.75 0.00	44.05 2.88 0.00	44.75 2.85 0.00	47.44 2.89 0.00	54.63 3.62 0.00	57.19 3.39 0.00	58.74 3.32 0.00	59.54 3.37 0.00	48.43 2.57 0.00	41.45 2.31 0.00	37.01 2.03 0.00
PGE MADISON___WINDPWR 24146	34.50 1.58 0.00	31.43 1.35 0.00	29.15 1.14 -0.15	29.92 1.34 0.00	30.53 1.65 0.00	34.19 1.97 0.00	44.32 2.90 0.00	47.39 3.06 0.00	49.01 4.13 0.00	45.15 3.42 0.00	46.47 3.24 0.00	44.06 2.96 0.00	43.04 2.55 0.00	42.34 2.40 0.00	43.76 2.60 0.00	44.83 2.93 0.00	48.33 3.78 0.00	56.27 5.26 0.00	60.09 6.29 0.00	62.34 6.93 0.00	63.64 7.47 0.00	51.60 5.73 0.00	43.33 4.19 0.00	38.58 3.60 0.00

PIERCEFIELD___HYD 23852	10.51 -2.30 20.10	9.41 -1.86 18.79	8.34 -1.76 17.77	8.72 -1.77 18.08	9.19 -1.76 17.93	15.33 -1.93 14.97	20.06 -2.36 19.00	23.71 -2.62 18.01	31.94 -2.74 10.21	39.10 -2.63 0.00	40.55 -2.68 0.00	38.55 -2.55 0.00	37.86 -2.63 0.00	37.54 -2.40 0.00	38.78 -2.39 0.00	39.51 -2.39 0.00	42.27 -2.27 0.00	48.36 -2.65 0.00	51.21 -2.58 0.00	52.86 -2.55 0.00	53.58 -2.58 0.00	43.85 -2.02 0.00	37.42 -1.72 0.00	33.23 -1.75 0.00
PINELAWN_CC_1 323563	36.12 3.19 -0.01	32.84 2.76 0.00	30.98 2.65 -0.47	31.20 2.63 0.00	31.57 2.69 0.00	35.19 2.96 0.00	45.36 3.94 0.00	48.32 3.99 0.00	49.11 4.22 0.00	45.82 4.05 -0.05	49.64 3.33 -3.09	51.34 3.08 -7.16	50.87 2.95 -7.42	47.83 3.08 -4.81	49.22 3.13 -4.92	49.85 3.10 -4.85	51.37 3.21 -3.62	58.83 3.67 -4.14	61.17 3.49 -3.88	61.62 3.44 -2.78	62.31 3.54 -2.60	52.47 3.07 -3.53	42.84 3.40 -0.30	38.48 3.18 -0.32
PJM_GEN_HTTP_PROXY 323702	35.16 2.24 0.00	32.17 2.10 0.00	30.31 1.98 -0.47	30.57 2.00 0.00	30.85 1.97 0.00	34.35 2.13 0.00	44.40 2.98 0.00	47.88 3.55 0.00	48.61 3.72 0.00	45.15 3.42 0.01	46.60 3.37 0.00	44.34 3.25 0.00	43.65 3.16 0.00	43.14 3.20 0.00	44.50 3.33 0.00	45.13 3.23 0.00	47.89 3.34 0.00	55.04 4.03 0.00	57.56 3.76 0.00	59.07 3.66 0.00	59.87 3.71 0.00	48.71 2.84 0.00	41.68 2.54 0.00	37.25 2.27 0.00
PJM_GEN_KEystone 24065	33.54 0.62 0.00	30.31 0.24 0.00	28.37 0.22 -0.29	28.83 0.26 0.00	29.14 0.26 0.00	32.52 0.29 0.00	41.88 0.46 0.00	44.77 0.44 0.00	45.34 0.45 0.00	42.15 0.42 0.00	43.70 0.48 0.00	41.59 0.49 0.00	41.06 0.57 0.00	40.30 0.36 0.00	41.54 0.37 0.00	42.28 0.38 0.00	44.86 0.31 0.00	51.27 0.26 0.00	54.28 0.48 0.00	55.85 0.44 0.00	56.84 0.68 0.00	46.33 0.46 0.00	39.41 0.28 0.00	35.61 0.63 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.65 2.73 -0.01	32.48 2.41 0.00	30.62 2.29 -0.47	30.86 2.29 0.00	31.20 2.31 0.00	34.77 2.55 0.00	44.82 3.40 0.00	47.83 3.50 0.00	48.66 3.77 0.00	45.36 3.63 0.00	46.85 3.28 -0.34	45.00 3.12 -0.78	44.33 3.04 -0.81	43.54 3.08 -0.53	44.88 3.17 -0.54	45.53 3.10 -0.53	48.15 3.21 -0.40	55.19 3.72 -0.45	57.77 3.55 -0.42	59.15 3.44 -0.31	60.05 3.60 -0.29	49.10 2.84 -0.39	42.03 2.86 -0.03	37.67 2.66 -0.04
PJM_GEN_VFT_PROXY 323633	35.05 2.14 0.00	32.08 2.01 0.00	30.23 1.90 -0.47	30.49 1.91 0.00	30.76 1.88 0.00	34.23 2.00 0.00	39.45 2.86 4.83	41.38 3.41 6.36	40.37 3.59 8.11	39.85 3.38 5.26	38.68 3.33 7.88	38.68 3.16 5.58	37.88 3.12 5.73	37.20 3.15 5.90	37.15 3.29 7.31	37.40 3.14 7.64	39.72 3.21 8.04	43.13 3.88 11.76	45.64 3.55 11.70	47.68 3.44 11.17	55.55 3.48 4.10	42.88 2.71 5.69	38.34 2.47 3.26	36.46 2.17 0.69
PLATSBURG_115KV_PMLD1 355749	6.50 -1.18 25.23	5.49 -0.99 23.59	4.64 -0.92 22.30	4.93 -0.94 22.70	5.45 -0.92 22.51	12.51 -0.93 18.79	16.50 -1.08 23.84	20.58 -1.15 22.60	30.87 -1.21 12.81	40.73 -1.00 0.00	42.36 -0.86 0.00	40.27 -0.82 0.00	39.72 -0.77 0.00	39.34 -0.60 0.00	40.68 -0.49 0.00	41.44 -0.46 0.00	44.32 -0.22 0.00	50.71 -0.31 0.00	53.69 -0.11 0.00	55.30 -0.11 0.00	56.11 -0.06 0.00	45.78 -0.09 0.00	39.14 0.00 0.00	34.87 -0.10 0.00
PLEASANTVLY___LBMP 24000	34.69 1.78 0.00	31.78 1.71 0.00	30.00 1.64 -0.49	30.23 1.66 0.00	30.50 1.62 0.00	33.94 1.71 0.00	43.70 2.28 0.00	47.08 2.75 0.00	47.76 2.87 0.00	44.40 2.67 0.00	45.86 2.64 0.00	43.60 2.51 0.00	42.92 2.43 0.00	42.38 2.44 0.00	43.72 2.55 0.00	44.41 2.51 0.00	47.13 2.58 0.00	54.18 3.16 0.00	56.75 2.96 0.00	58.35 2.94 0.00	59.09 2.92 0.00	48.21 2.34 0.00	41.21 2.07 0.00	36.76 1.78 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.06 2.14 0.00	32.09 2.01 0.00	30.26 1.92 -0.47	30.52 1.94 0.00	30.79 1.91 0.00	34.26 2.03 0.00	44.15 2.73 0.00	47.61 3.28 0.00	48.34 3.46 0.00	45.00 3.25 -0.01	46.43 3.20 0.00	44.14 3.04 0.00	43.48 3.00 0.00	42.94 3.00 0.00	44.26 3.09 0.00	44.96 3.06 0.00	47.71 3.16 0.00	54.84 3.83 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.71 3.54 0.00	48.71 2.84 0.00	41.56 2.43 0.00	37.08 2.10 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.06 2.14 0.00	32.09 2.01 0.00	30.26 1.92 -0.47	30.52 1.94 0.00	30.79 1.91 0.00	34.26 2.03 0.00	44.15 2.73 0.00	47.61 3.28 0.00	48.34 3.46 0.00	45.00 3.25 -0.01	46.43 3.20 0.00	44.14 3.04 0.00	43.48 3.00 0.00	42.94 3.00 0.00	44.26 3.09 0.00	44.96 3.06 0.00	47.71 3.16 0.00	54.84 3.83 0.00	57.40 3.60 0.00	58.96 3.55 0.00	59.71 3.54 0.00	48.71 2.84 0.00	41.56 2.43 0.00	37.08 2.10 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.86 1.94 0.00	31.93 1.86 0.00	30.09 1.76 -0.48	30.34 1.77 0.00	30.65 1.76 0.00	34.10 1.87 0.00	43.91 2.49 0.00	47.30 2.97 0.00	48.03 3.14 0.00	44.57 2.84 0.00	46.04 2.81 0.00	43.73 2.63 0.00	43.00 2.51 0.00	42.46 2.52 0.00	43.80 2.63 0.00	44.50 2.60 0.00	47.26 2.72 0.00	54.38 3.37 0.00	57.02 3.23 0.00	58.63 3.21 0.00	59.31 3.15 0.00	48.39 2.52 0.00	41.37 2.23 0.00	36.87 1.89 0.00
POLETTI_____ 23519	30.85 1.09 3.15	30.85 1.08 0.30	29.58 1.25 -0.47	29.69 1.11 0.00	29.95 1.07 0.00	30.85 1.00 2.38	33.25 1.45 9.62	35.27 2.04 11.10	34.26 2.15 12.78	33.11 2.00 10.63	33.55 1.95 11.63	32.08 1.85 10.87	31.83 1.78 10.44	31.83 1.84 9.95	31.92 1.93 11.18	32.31 1.84 11.43	31.83 1.83 14.55	35.66 2.35 17.70	42.58 3.71 14.92	44.09 3.60 14.92	45.97 3.65 13.85	41.45 2.89 7.30	35.97 2.54 5.71	35.94 2.20 1.25
POMONA___ESR 323819	34.89 1.97 0.00	31.94 1.87 0.00	30.10 1.78 -0.45	30.37 1.80 0.00	30.65 1.76 0.00	34.13 1.90 0.00	44.03 2.61 0.00	47.39 3.06 0.00	48.12 3.23 0.00	44.73 3.01 0.00	46.21 2.98 0.00	43.93 2.83 0.00	43.24 2.75 0.00	42.70 2.75 0.00	44.05 2.88 0.00	44.71 2.81 0.00	47.44 2.89 0.00	54.63 3.62 0.00	57.19 3.39 0.00	58.74 3.32 0.00	59.54 3.37 0.00	48.43 2.57 0.00	41.45 2.31 0.00	37.01 2.03 0.00
PORT_JEFF_3 23555	36.22 3.29 -0.01	32.93 2.86 0.00	31.06 2.73 -0.47	31.32 2.74 0.00	31.68 2.80 0.00	35.29 3.06 0.00	45.40 3.98 0.00	48.32 3.99 0.00	49.20 4.31 0.00	45.88 4.13 -0.02	48.42 3.80 -1.39	47.89 3.57 -3.22	47.31 3.48 -3.34	45.66 3.55 -2.17	47.09 3.71 -2.22	47.69 3.60 -2.19	49.92 3.74 -1.63	57.52 4.64 -1.87	59.96 4.41 -1.75	61.10 4.43 -1.25	61.84 4.50 -1.18	51.08 3.62 -1.59	42.87 3.60 -0.14	38.49 3.36 -0.15
PORT_JEFF_4 23616	36.22 3.29 -0.01	32.93 2.86 0.00	31.06 2.73 -0.47	31.32 2.74 0.00	31.68 2.80 0.00	35.29 3.06 0.00	45.40 3.98 0.00	48.32 3.99 0.00	49.20 4.31 0.00	45.88 4.13 -0.02	48.42 3.80 -1.39	47.89 3.57 -3.22	47.31 3.48 -3.34	45.66 3.55 -2.17	47.09 3.71 -2.22	47.69 3.60 -2.19	49.92 3.74 -1.63	57.52 4.64 -1.87	59.96 4.41 -1.75	61.10 4.43 -1.25	61.84 4.50 -1.18	51.08 3.62 -1.59	42.87 3.60 -0.14	38.49 3.36 -0.15

PORT_JEFF_IC 23713	36.28 3.36 -0.01	32.96 2.89 0.00	31.12 2.79 -0.47	31.34 2.77 0.00	31.71 2.83 0.00	35.35 3.13 0.00	45.02 3.60 0.00	48.41 4.08 0.00	49.29 4.40 0.00	46.05 4.30 -0.02	48.55 3.89 -1.44	48.08 3.66 -3.32	47.50 3.56 -3.45	45.81 3.63 -2.24	47.24 3.79 -2.29	47.92 3.77 -2.25	50.15 3.92 -1.68	57.68 4.74 -1.92	60.17 4.57 -1.80	61.36 4.65 -1.29	62.04 4.66 -1.21	51.32 3.81 -1.64	43.00 3.72 -0.14	38.52 3.39 -0.15
PPL PILGRIM_ST_GT1 24216	36.22 3.29 -0.01	32.93 2.86 0.00	31.06 2.73 -0.47	31.29 2.72 0.00	31.66 2.77 0.00	35.29 3.06 0.00	45.44 4.02 0.00	48.36 4.03 0.00	49.20 4.31 0.00	45.89 4.13 -0.02	48.67 3.80 -1.64	48.46 3.57 -3.79	47.91 3.48 -3.93	46.05 3.55 -2.55	47.48 3.71 -2.61	48.08 3.60 -2.57	50.21 3.74 -1.92	57.75 4.54 -2.20	60.21 4.36 -2.06	61.26 4.38 -1.47	61.99 4.44 -1.38	51.32 3.58 -1.87	42.82 3.52 -0.16	38.48 3.32 -0.17
PPL PILGRIM_ST_GT2 24217	36.22 3.29 -0.01	32.93 2.86 0.00	31.06 2.73 -0.47	31.29 2.72 0.00	31.66 2.77 0.00	35.29 3.06 0.00	45.44 4.02 0.00	48.36 4.03 0.00	49.20 4.31 0.00	45.89 4.13 -0.02	48.67 3.80 -1.64	48.46 3.57 -3.79	47.91 3.48 -3.93	46.05 3.55 -2.55	47.48 3.71 -2.61	48.08 3.60 -2.57	50.21 3.74 -1.92	57.75 4.54 -2.20	60.21 4.36 -2.06	61.26 4.38 -1.47	61.99 4.44 -1.38	51.32 3.58 -1.87	42.82 3.52 -0.16	38.48 3.32 -0.17
PPL_SHRM_GT3 24213	36.28 3.36 -0.01	32.96 2.89 0.00	31.14 2.81 -0.47	31.37 2.80 0.00	31.77 2.89 0.00	35.35 3.13 0.00	45.52 4.10 0.00	48.41 4.08 0.00	49.29 4.40 0.00	45.96 4.21 -0.02	48.48 3.85 -1.41	47.93 3.57 -3.26	47.35 3.48 -3.38	45.69 3.55 -2.20	47.16 3.75 -2.24	47.72 3.60 -2.21	49.98 3.78 -1.65	57.65 4.74 -1.89	60.14 4.57 -1.77	61.28 4.60 -1.27	62.02 4.66 -1.19	51.24 3.76 -1.61	42.96 3.68 -0.14	38.56 3.43 -0.15
PPL_SHRM_GT4 24214	36.28 3.36 -0.01	32.96 2.89 0.00	31.14 2.81 -0.47	31.37 2.80 0.00	31.77 2.89 0.00	35.35 3.13 0.00	45.52 4.10 0.00	48.41 4.08 0.00	49.29 4.40 0.00	45.96 4.21 -0.02	48.48 3.85 -1.41	47.93 3.57 -3.26	47.35 3.48 -3.38	45.69 3.55 -2.20	47.16 3.75 -2.24	47.72 3.60 -2.21	49.98 3.78 -1.65	57.65 4.74 -1.89	60.14 4.57 -1.77	61.28 4.60 -1.27	62.02 4.66 -1.19	51.24 3.76 -1.61	42.96 3.68 -0.14	38.56 3.43 -0.15
PROJECT___ORANGE 1 24174	32.88 -0.03 0.00	29.83 -0.24 0.00	27.63 -0.28 -0.04	28.29 -0.29 0.00	28.62 -0.26 0.00	32.00 -0.23 0.00	41.21 -0.21 0.00	44.06 -0.27 0.00	44.62 -0.27 0.00	41.52 -0.21 0.00	43.01 -0.22 0.00	40.89 -0.21 0.00	40.33 -0.16 0.00	39.66 -0.28 0.00	40.88 -0.29 0.00	41.61 -0.29 0.00	44.19 -0.36 0.00	50.55 -0.46 0.00	53.47 -0.32 0.00	55.08 -0.33 0.00	55.94 -0.22 0.00	45.59 -0.28 0.00	38.78 -0.35 0.00	34.77 -0.21 0.00
PROJECT___ORANGE 2 24166	32.88 -0.03 0.00	29.83 -0.24 0.00	27.63 -0.28 -0.04	28.29 -0.29 0.00	28.62 -0.26 0.00	32.00 -0.23 0.00	41.21 -0.21 0.00	44.06 -0.27 0.00	44.62 -0.27 0.00	41.52 -0.21 0.00	43.01 -0.22 0.00	40.89 -0.21 0.00	40.33 -0.16 0.00	39.66 -0.28 0.00	40.88 -0.29 0.00	41.61 -0.29 0.00	44.19 -0.36 0.00	50.55 -0.46 0.00	53.47 -0.32 0.00	55.08 -0.33 0.00	55.94 -0.22 0.00	45.59 -0.28 0.00	38.78 -0.35 0.00	34.77 -0.21 0.00
PUCKETT___SOLAR 323809	33.70 0.79 0.00	30.55 0.48 0.00	28.41 0.39 -0.16	29.03 0.46 0.00	29.43 0.55 0.00	32.94 0.71 0.00	42.46 1.04 0.00	45.39 1.06 0.00	49.20 4.31 0.00	45.44 3.71 0.00	46.77 3.55 0.00	44.26 3.16 0.00	43.24 2.75 0.00	42.54 2.59 0.00	43.93 2.76 0.00	44.92 3.02 0.00	48.29 3.74 0.00	56.22 5.21 0.00	59.93 6.13 0.00	62.28 6.87 0.00	63.47 7.30 0.00	51.51 5.64 0.00	43.33 4.19 0.00	38.55 3.57 0.00
PYRITES___HYD 24023	10.64 -1.61 20.66	9.52 -1.23 19.32	8.43 -1.17 18.26	8.84 -1.14 18.59	9.35 -1.10 18.43	15.65 -1.19 15.38	20.53 -1.37 19.53	24.23 -1.60 18.51	32.55 -1.84 10.49	39.81 -1.92 0.00	41.28 -1.95 0.00	39.25 -1.85 0.00	38.50 -1.98 0.00	38.14 -1.80 0.00	39.44 -1.73 0.00	40.22 -1.68 0.00	43.03 -1.51 0.00	49.38 -1.63 0.00	52.45 -1.34 0.00	54.19 -1.22 0.00	54.99 -1.18 0.00	44.95 -0.92 0.00	38.28 -0.86 0.00	34.00 -0.98 0.00
QUAKERRD_115KV_BK1 80622	32.09 -0.82 0.00	28.75 -1.32 0.00	26.72 -1.20 -0.05	27.29 -1.29 0.00	27.58 -1.30 0.00	30.87 -1.35 0.00	39.68 -1.74 0.00	42.16 -2.17 0.00	42.73 -2.15 0.00	39.77 -1.96 0.00	41.28 -1.95 0.00	39.29 -1.81 0.00	38.91 -1.58 0.00	38.10 -1.84 0.00	39.28 -1.89 0.00	39.89 -2.01 0.00	42.32 -2.23 0.00	48.21 -2.81 0.00	51.37 -2.42 0.00	52.97 -2.44 0.00	54.09 -2.08 0.00	43.94 -1.93 0.00	37.34 -1.80 0.00	33.82 -1.15 0.00
QUENSBRY_115KV_TB8 356137	34.89 1.97 0.00	31.90 1.83 0.00	30.24 1.78 -0.60	30.43 1.86 0.00	30.67 1.79 0.00	34.32 2.09 0.00	44.32 2.90 0.00	46.46 2.13 0.00	46.73 1.84 0.00	43.52 1.79 0.00	45.00 1.77 0.00	42.82 1.73 0.00	42.07 1.58 0.00	41.50 1.56 0.00	42.73 1.56 0.00	43.45 1.55 0.00	46.15 1.60 0.00	52.75 1.73 0.00	55.62 1.83 0.00	57.46 2.05 0.00	58.08 1.91 0.00	47.61 1.74 0.00	41.52 2.39 0.00	36.94 1.96 0.00
RAMAPO___LBMP 323565	34.76 1.84 0.00	31.81 1.74 0.00	29.96 1.64 -0.45	30.23 1.66 0.00	30.53 1.65 0.00	33.97 1.74 0.00	43.78 2.36 0.00	47.17 2.84 0.00	47.89 3.01 0.00	44.52 2.80 0.00	45.99 2.77 0.00	43.73 2.63 0.00	43.04 2.55 0.00	42.50 2.56 0.00	43.85 2.68 0.00	44.54 2.64 0.00	47.26 2.72 0.00	54.33 3.32 0.00	56.91 3.12 0.00	58.52 3.10 0.00	59.26 3.09 0.00	48.30 2.43 0.00	41.29 2.15 0.00	36.87 1.89 0.00
RANKINE____ 23646	32.69 -0.23 0.00	28.66 -1.41 0.00	26.52 -1.42 -0.08	27.32 -1.26 0.00	27.64 -1.24 0.00	30.94 -1.29 0.00	39.72 -1.70 0.00	41.98 -2.35 0.00	42.42 -2.47 0.00	39.39 -2.34 0.00	41.07 -2.16 0.00	39.12 -1.97 0.00	38.99 -1.50 0.00	37.86 -2.08 0.00	38.99 -2.18 0.00	39.68 -2.22 0.00	42.01 -2.54 0.00	47.49 -3.52 0.00	51.16 -2.64 0.00	52.70 -2.72 0.00	54.15 -2.02 0.00	44.03 -1.83 0.00	37.42 -1.72 0.00	34.52 -0.45 0.00
RAVENSWOOD_GT2_1 24244	35.19 2.27 0.00	32.24 2.17 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.91 2.02 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.26 3.51 -0.02	46.69 3.46 0.00	44.42 3.33 0.00	43.73 3.24 0.00	43.18 3.24 0.00	44.55 3.38 0.00	45.21 3.31 0.00	47.98 3.43 0.00	55.14 4.13 0.00	57.61 3.82 0.00	59.18 3.77 0.00	59.93 3.76 0.00	48.85 2.98 0.00	41.76 2.62 0.00	37.25 2.27 0.00
RAVENSWOOD_GT2_2 24245	35.19 2.27 0.00	32.24 2.17 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.91 2.02 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.26 3.51 -0.02	46.69 3.46 0.00	44.42 3.33 0.00	43.73 3.24 0.00	43.18 3.24 0.00	44.55 3.38 0.00	45.21 3.31 0.00	47.98 3.43 0.00	55.14 4.13 0.00	57.61 3.82 0.00	59.18 3.77 0.00	59.93 3.76 0.00	48.85 2.98 0.00	41.76 2.62 0.00	37.25 2.27 0.00

RAVENSWOOD_GT2_3 24246	35.22 2.30 0.00	32.24 2.17 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.91 2.02 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.97 3.64 0.00	48.66 3.77 0.00	45.26 3.51 -0.02	46.73 3.50 0.00	44.42 3.33 0.00	43.73 3.24 0.00	43.22 3.28 0.00	44.55 3.38 0.00	45.25 3.35 0.00	47.98 3.43 0.00	55.14 4.13 0.00	57.67 3.87 0.00	59.18 3.77 0.00	59.93 3.76 0.00	48.89 3.03 0.00	41.76 2.62 0.00	37.29 2.31 0.00
RAVENSWOOD_GT2_4 24247	35.22 2.30 0.00	32.24 2.17 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.91 2.02 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.97 3.64 0.00	48.66 3.77 0.00	45.26 3.51 -0.02	46.73 3.50 0.00	44.42 3.33 0.00	43.73 3.24 0.00	43.22 3.28 0.00	44.55 3.38 0.00	45.25 3.35 0.00	47.98 3.43 0.00	55.14 4.13 0.00	57.67 3.87 0.00	59.18 3.77 0.00	59.93 3.76 0.00	48.89 3.03 0.00	41.76 2.62 0.00	37.29 2.31 0.00
RAVENSWOOD_GT3_1 24248	35.22 2.30 0.00	32.24 2.17 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.91 2.02 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.26 3.51 -0.02	46.69 3.46 0.00	44.42 3.33 0.00	43.73 3.24 0.00	43.18 3.24 0.00	44.55 3.38 0.00	45.21 3.31 0.00	47.98 3.43 0.00	55.14 4.13 0.00	57.61 3.82 0.00	59.18 3.77 0.00	59.93 3.76 0.00	48.85 2.98 0.00	41.76 2.62 0.00	37.25 2.27 0.00
RAVENSWOOD_GT3_2 24249	35.22 2.30 0.00	32.24 2.17 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.91 2.02 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.26 3.51 -0.02	46.69 3.46 0.00	44.42 3.33 0.00	43.73 3.24 0.00	43.18 3.24 0.00	44.55 3.38 0.00	45.21 3.31 0.00	47.98 3.43 0.00	55.14 4.13 0.00	57.61 3.82 0.00	59.18 3.77 0.00	59.93 3.76 0.00	48.85 2.98 0.00	41.76 2.62 0.00	37.25 2.27 0.00
RAVENSWOOD_GT3_3 24250	35.25 2.34 0.00	32.27 2.20 0.00	30.39 2.06 -0.47	30.66 2.09 0.00	30.93 2.05 0.00	34.42 2.19 0.00	44.40 2.98 0.00	48.01 3.68 0.00	48.70 3.82 0.00	45.30 3.55 -0.02	46.77 3.54 0.00	44.47 3.37 0.00	43.77 3.28 0.00	43.26 3.32 0.00	44.59 3.42 0.00	45.29 3.39 0.00	48.02 3.47 0.00	55.20 4.18 0.00	57.72 3.93 0.00	59.24 3.82 0.00	59.99 3.82 0.00	48.94 3.07 0.00	41.80 2.66 0.00	37.29 2.31 0.00
RAVENSWOOD_GT3_4 24251	35.25 2.34 0.00	32.27 2.20 0.00	30.39 2.06 -0.47	30.66 2.09 0.00	30.93 2.05 0.00	34.42 2.19 0.00	44.40 2.98 0.00	48.01 3.68 0.00	48.70 3.82 0.00	45.30 3.55 -0.02	46.77 3.54 0.00	44.47 3.37 0.00	43.77 3.28 0.00	43.26 3.32 0.00	44.59 3.42 0.00	45.29 3.39 0.00	48.02 3.47 0.00	55.20 4.18 0.00	57.72 3.93 0.00	59.24 3.82 0.00	59.99 3.82 0.00	48.94 3.07 0.00	41.80 2.66 0.00	37.29 2.31 0.00
RAVENSWOOD_GT_1 23729	35.29 2.37 0.00	32.33 2.26 0.00	30.45 2.12 -0.47	30.72 2.14 0.00	30.99 2.11 0.00	34.48 2.26 0.00	44.45 3.02 0.00	48.05 3.72 0.00	48.79 3.91 0.00	45.58 3.67 -0.18	46.86 3.63 0.00	45.63 3.53 -1.00	44.38 3.40 -0.49	44.10 3.43 -0.73	45.14 3.54 -0.43	46.25 3.52 -0.83	48.53 3.65 -0.33	56.12 4.39 -0.72	57.89 4.09 -0.01	59.35 3.93 -0.01	61.70 3.93 -1.60	49.12 3.12 -0.13	42.63 2.66 -0.83	37.33 2.34 0.00
RAVENSWOOD_GT_10 24258	35.19 2.27 0.00	32.24 2.17 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.91 2.02 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.26 3.51 -0.02	46.69 3.46 0.00	44.42 3.33 0.00	43.73 3.24 0.00	43.18 3.24 0.00	44.55 3.38 0.00	45.21 3.31 0.00	47.98 3.43 0.00	55.14 4.13 0.00	57.61 3.82 0.00	59.18 3.77 0.00	59.93 3.76 0.00	48.85 2.98 0.00	41.76 2.62 0.00	37.25 2.27 0.00
RAVENSWOOD_GT_11 24259	35.19 2.27 0.00	32.24 2.17 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.91 2.02 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.26 3.51 -0.02	46.69 3.46 0.00	44.42 3.33 0.00	43.73 3.24 0.00	43.18 3.24 0.00	44.55 3.38 0.00	45.21 3.31 0.00	47.98 3.43 0.00	55.14 4.13 0.00	57.61 3.82 0.00	59.18 3.77 0.00	59.93 3.76 0.00	48.85 2.98 0.00	41.76 2.62 0.00	37.25 2.27 0.00
RAVENSWOOD_GT_4 24252	35.19 2.27 0.00	32.21 2.14 0.00	30.34 2.01 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.34 3.46 -0.14	46.69 3.46 0.00	45.13 3.29 -0.75	44.06 3.20 -0.38	43.73 3.24 -0.55	44.83 3.33 -0.32	45.80 3.27 -0.63	48.17 3.39 -0.24	55.63 4.08 -0.53	57.62 3.82 -0.01	59.13 3.71 -0.01	61.15 3.76 -1.22	48.95 2.98 -0.10	42.39 2.62 -0.63	37.26 2.27 0.00
RAVENSWOOD_GT_5 24254	35.19 2.27 0.00	32.21 2.14 0.00	30.34 2.01 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.34 3.46 -0.14	46.69 3.46 0.00	45.13 3.29 -0.75	44.06 3.20 -0.38	43.73 3.24 -0.55	44.83 3.33 -0.32	45.80 3.27 -0.63	48.17 3.39 -0.24	55.63 4.08 -0.53	57.62 3.82 -0.01	59.13 3.71 -0.01	61.15 3.76 -1.22	48.95 2.98 -0.10	42.39 2.62 -0.63	37.26 2.27 0.00
RAVENSWOOD_GT_6 24253	35.19 2.27 0.00	32.21 2.14 0.00	30.34 2.01 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.34 3.46 -0.14	46.69 3.46 0.00	45.13 3.29 -0.75	44.06 3.20 -0.38	43.73 3.24 -0.55	44.83 3.33 -0.32	45.80 3.27 -0.63	48.17 3.39 -0.24	55.63 4.08 -0.53	57.62 3.82 -0.01	59.13 3.71 -0.01	61.15 3.76 -1.22	48.95 2.98 -0.10	42.39 2.62 -0.63	37.26 2.27 0.00
RAVENSWOOD_GT_7 24255	35.19 2.27 0.00	32.21 2.14 0.00	30.34 2.01 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.34 3.46 -0.14	46.69 3.46 0.00	45.13 3.29 -0.75	44.06 3.20 -0.38	43.73 3.24 -0.55	44.83 3.33 -0.32	45.80 3.27 -0.63	48.17 3.39 -0.24	55.63 4.08 -0.53	57.62 3.82 -0.01	59.13 3.71 -0.01	61.15 3.76 -1.22	48.95 2.98 -0.10	42.39 2.62 -0.63	37.26 2.27 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.19 2.27 0.00	32.24 2.17 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.91 2.02 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.26 3.51 -0.02	46.69 3.46 0.00	44.42 3.33 0.00	43.73 3.24 0.00	43.18 3.24 0.00	44.55 3.38 0.00	45.21 3.31 0.00	47.98 3.43 0.00	55.14 4.13 0.00	57.61 3.82 0.00	59.18 3.77 0.00	59.93 3.76 0.00	48.85 2.98 0.00	41.76 2.62 0.00	37.25 2.27 0.00
RAVENSWOOD_GT_9 24257	35.19 2.27 0.00	32.24 2.17 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.91 2.02 0.00	34.39 2.16 0.00	44.36 2.94 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.26 3.51 -0.02	46.69 3.46 0.00	44.42 3.33 0.00	43.73 3.24 0.00	43.18 3.24 0.00	44.55 3.38 0.00	45.21 3.31 0.00	47.98 3.43 0.00	55.14 4.13 0.00	57.61 3.82 0.00	59.18 3.77 0.00	59.93 3.76 0.00	48.85 2.98 0.00	41.76 2.62 0.00	37.25 2.27 0.00

RAVENSWOOD___1 23533	35.25 2.34 0.00	32.30 2.23 0.00	30.45 2.12 -0.47	30.72 2.14 0.00	30.99 2.11 0.00	34.45 2.22 0.00	44.53 3.11 0.00	48.05 3.72 0.00	48.79 3.90 0.00	45.38 3.63 -0.02	46.81 3.59 0.00	44.60 3.49 -0.01	43.85 3.36 0.00	43.38 3.44 0.00	44.71 3.54 0.00	45.38 3.48 0.00	48.16 3.61 -0.01	55.35 4.33 -0.01	57.88 4.09 0.00	59.29 3.88 0.00	60.10 3.93 0.00	48.89 3.03 0.00	41.76 2.62 0.00	37.29 2.31 0.00
RAVENSWOOD___2 23534	35.25 2.34 0.00	32.30 2.23 0.00	30.42 2.09 -0.47	30.69 2.11 0.00	30.96 2.08 0.00	34.45 2.22 0.00	44.49 3.07 0.00	48.01 3.68 0.00	48.75 3.86 0.00	45.38 3.63 -0.02	46.81 3.59 0.00	44.60 3.49 -0.01	43.85 3.36 0.00	43.38 3.44 0.00	44.71 3.54 0.00	45.34 3.44 0.00	48.12 3.57 -0.01	55.35 4.33 -0.01	57.83 4.04 0.00	59.29 3.88 0.00	60.04 3.87 0.00	48.85 2.98 0.00	41.76 2.62 0.00	37.29 2.31 0.00
RAVENSWOOD___3 23535	35.22 2.30 0.00	32.24 2.17 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.90 2.02 0.00	34.39 2.16 0.00	44.44 3.02 0.00	47.92 3.59 0.00	48.66 3.77 0.00	45.26 3.51 -0.02	46.69 3.46 0.00	44.42 3.33 0.00	43.73 3.24 0.00	43.22 3.28 0.00	44.55 3.38 0.00	45.21 3.31 0.00	47.98 3.43 0.00	55.14 4.13 0.00	57.67 3.88 0.00	59.13 3.71 0.00	59.93 3.76 0.00	48.81 2.94 0.00	41.72 2.58 0.00	37.25 2.27 0.00
RAVENSWOOD___4 23820	35.25 2.34 0.00	32.29 2.23 0.00	30.42 2.09 -0.47	30.69 2.11 0.00	30.96 2.08 0.00	34.42 2.19 0.00	44.48 3.07 0.00	48.01 3.68 0.00	48.75 3.86 0.00	45.19 3.59 0.13	46.81 3.59 0.00	43.62 3.49 0.97	43.36 3.36 0.49	42.62 3.39 0.72	44.25 3.50 0.42	44.52 3.44 0.81	47.80 3.57 0.31	54.61 4.29 0.69	57.82 4.04 0.01	59.28 3.88 0.01	58.47 3.87 1.58	48.72 2.98 0.13	40.94 2.62 0.82	37.28 2.31 0.00
RCPL_TRUST___DRP 24196	35.35 2.44 0.00	32.36 2.29 0.00	30.47 2.15 -0.47	30.74 2.17 0.00	31.02 2.14 0.00	34.55 2.32 0.00	44.61 3.19 0.00	48.23 3.90 0.00	48.97 4.08 0.00	45.50 3.76 -0.02	47.03 3.80 0.00	44.67 3.58 0.00	43.97 3.48 0.00	43.42 3.47 0.00	44.79 3.62 0.00	45.46 3.56 0.00	48.24 3.70 0.00	55.45 4.44 0.00	57.94 4.14 0.00	59.46 4.05 0.00	60.21 4.04 0.00	49.03 3.16 0.00	41.92 2.78 0.00	37.46 2.48 0.00
RED___ROCHESTER 323720	33.02 0.10 0.00	29.41 -0.66 0.00	27.28 -0.64 -0.06	27.92 -0.66 0.00	28.22 -0.66 0.00	31.61 -0.61 0.00	40.59 -0.83 0.00	43.09 -1.24 0.00	43.63 -1.26 0.00	40.65 -1.09 0.00	42.23 -0.99 0.00	40.19 -0.90 0.00	39.88 -0.61 0.00	38.94 -1.00 0.00	40.14 -1.03 0.00	40.81 -1.09 0.00	43.35 -1.20 0.00	49.23 -1.79 0.00	52.66 -1.13 0.00	54.47 -0.94 0.00	55.50 -0.67 0.00	45.27 -0.60 0.00	38.24 -0.90 0.00	34.77 -0.21 0.00
REGAN___SOLAR 323812	35.49 2.57 0.00	32.39 2.32 0.00	30.74 2.23 -0.65	30.92 2.34 0.00	31.20 2.31 0.00	34.90 2.67 0.00	44.94 3.52 0.00	48.10 3.77 0.00	48.57 3.68 0.00	44.90 3.17 0.00	46.43 3.20 0.00	44.06 2.96 0.00	43.24 2.75 0.00	42.70 2.75 0.00	43.93 2.76 0.00	44.71 2.81 0.00	47.66 3.12 0.00	54.63 3.62 0.00	57.99 4.20 0.00	59.74 4.32 0.00	60.55 4.38 0.00	49.58 3.71 0.00	42.31 3.17 0.00	37.67 2.69 0.00
RENSSELAER___COGEN 23796	33.77 0.85 0.00	30.94 0.87 0.00	29.31 0.86 -0.58	29.46 0.89 0.00	29.72 0.84 0.00	33.13 0.90 0.00	42.50 1.08 0.00	45.66 1.33 0.00	46.14 1.26 0.00	42.90 1.17 0.00	44.26 1.04 0.00	42.12 1.03 0.00	41.46 0.97 0.00	40.98 1.04 0.00	42.24 1.07 0.00	42.99 1.09 0.00	45.61 1.07 0.00	52.23 1.22 0.00	54.76 0.97 0.00	56.52 1.11 0.00	57.12 0.95 0.00	46.69 0.83 0.00	40.07 0.94 0.00	35.64 0.66 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.71 2.80 0.00	32.60 2.53 0.00	30.94 2.48 -0.60	31.17 2.60 0.00	31.37 2.48 0.00	35.19 2.96 0.00	45.69 4.27 0.00	47.92 3.59 0.00	47.94 3.05 0.00	44.57 2.84 0.00	46.08 2.85 0.00	43.85 2.75 0.00	43.00 2.51 0.00	42.42 2.48 0.00	43.60 2.43 0.00	44.33 2.43 0.00	47.13 2.58 0.00	53.92 2.91 0.00	57.13 3.34 0.00	59.18 3.77 0.00	59.82 3.65 0.00	48.99 3.12 0.00	42.58 3.44 0.00	37.85 2.87 0.00
REVERE_CPPR_DRP 24186	32.84 0.66 0.73	29.93 0.54 0.68	27.68 0.45 0.62	28.43 0.51 0.66	28.87 0.64 0.65	32.46 0.77 0.54	41.85 1.12 0.69	44.87 1.20 0.65	45.84 1.30 0.35	42.77 1.04 0.00	44.22 0.99 0.00	41.88 0.78 0.00	41.06 0.57 0.00	40.58 0.64 0.00	41.99 0.82 0.00	42.82 0.92 0.00	45.57 1.02 0.00	52.49 1.48 0.00	55.57 1.78 0.00	57.35 1.94 0.00	58.30 2.13 0.00	47.43 1.56 0.00	40.23 1.10 0.00	35.89 0.91 0.00
REYNLDPA_13_KV_LD 356490	6.85 -0.86 25.21	5.87 -0.63 23.57	4.99 -0.59 22.28	5.29 -0.60 22.68	5.79 -0.61 22.49	12.78 -0.68 18.77	16.77 -0.83 23.82	20.77 -0.98 22.58	31.06 -1.03 12.80	40.77 -0.96 0.00	42.36 -0.86 0.00	40.27 -0.82 0.00	39.68 -0.81 0.00	39.22 -0.72 0.00	40.47 -0.70 0.00	41.19 -0.71 0.00	43.97 -0.58 0.00	50.25 -0.77 0.00	53.15 -0.65 0.00	54.75 -0.66 0.00	55.49 -0.67 0.00	45.32 -0.55 0.00	38.75 -0.39 0.00	34.52 -0.45 0.00
REYNOLDS_115KV_TB3 80639	34.10 1.18 0.00	31.21 1.14 0.00	29.53 1.09 -0.58	29.72 1.14 0.00	29.98 1.10 0.00	33.42 1.19 0.00	42.91 1.49 0.00	46.06 1.73 0.00	46.59 1.71 0.00	43.32 1.59 0.00	44.74 1.51 0.00	42.58 1.48 0.00	41.91 1.42 0.00	41.38 1.44 0.00	42.65 1.48 0.00	43.37 1.47 0.00	46.06 1.51 0.00	52.75 1.73 0.00	55.30 1.51 0.00	57.13 1.72 0.00	57.63 1.46 0.00	47.15 1.28 0.00	40.39 1.25 0.00	35.96 0.98 0.00
RIVERBAY____ 323610	34.46 1.55 0.00	31.57 1.50 0.00	29.81 1.48 -0.47	29.94 1.37 0.00	30.24 1.36 0.00	33.71 1.48 0.00	43.45 2.03 0.00	46.99 2.66 0.00	47.63 2.74 0.00	44.07 2.34 0.00	45.73 2.51 0.00	43.36 2.26 0.00	42.72 2.23 0.00	42.14 2.20 0.00	43.56 2.39 0.00	44.25 2.35 0.00	46.91 2.36 0.00	53.92 2.91 0.00	57.45 3.66 0.00	59.01 3.60 0.00	59.88 3.71 0.00	48.85 2.98 0.00	41.80 2.66 0.00	37.32 2.34 0.00
RIVERSDE_115KV_TB3 55908	33.94 1.02 0.00	31.09 1.02 0.00	29.42 0.98 -0.59	29.60 1.03 0.00	29.87 0.98 0.00	33.29 1.06 0.00	42.75 1.33 0.00	45.88 1.55 0.00	46.41 1.53 0.00	43.15 1.42 0.00	44.57 1.34 0.00	42.41 1.32 0.00	41.70 1.21 0.00	41.26 1.32 0.00	42.49 1.32 0.00	43.20 1.30 0.00	45.88 1.34 0.00	52.54 1.53 0.00	55.09 1.29 0.00	56.85 1.44 0.00	57.40 1.24 0.00	46.97 1.10 0.00	40.23 1.10 0.00	35.82 0.84 0.00
ROARING___BROOK_WT_PWR 323790	-10.00 -1.15 41.76	-10.00 -1.02 39.05	-10.00 -0.95 36.91	-10.00 -1.00 37.57	-9.39 -1.01 37.26	0.00 -1.13 31.10	0.42 -1.53 39.47	5.32 -1.59 37.41	22.11 -1.57 21.20	40.31 -1.42 0.00	41.89 -1.34 0.00	39.95 -1.15 0.00	39.44 -1.05 0.00	38.98 -0.96 0.00	40.30 -0.87 0.00	41.10 -0.80 0.00	43.79 -0.76 0.00	50.10 -0.92 0.00	52.88 -0.91 0.00	54.47 -0.94 0.00	55.16 -1.01 0.00	45.09 -0.78 0.00	38.51 -0.63 0.00	34.38 -0.59 0.00

ROCHESRG_115KV_T4 355643	32.65 -0.26 0.00	29.17 -0.90 0.00	27.11 -0.81 -0.06	27.69 -0.89 0.00	28.02 -0.87 0.00	31.33 -0.90 0.00	40.22 -1.20 0.00	42.65 -1.68 0.00	43.23 -1.66 0.00	40.23 -1.50 0.00	41.80 -1.43 0.00	39.78 -1.32 0.00	39.48 -1.01 0.00	38.58 -1.36 0.00	39.73 -1.44 0.00	40.39 -1.51 0.00	42.81 -1.74 0.00	48.67 -2.35 0.00	52.02 -1.78 0.00	53.64 -1.77 0.00	54.82 -1.35 0.00	44.58 -1.28 0.00	37.85 -1.29 0.00	34.45 -0.52 0.00
ROCHESTER_9_IC 23652	32.85 -0.07 0.00	29.29 -0.78 0.00	27.22 -0.70 -0.06	27.80 -0.77 0.00	28.13 -0.75 0.00	31.49 -0.74 0.00	40.43 -0.99 0.00	42.87 -1.46 0.00	43.45 -1.44 0.00	40.48 -1.25 0.00	42.06 -1.17 0.00	40.03 -1.07 0.00	39.68 -0.81 0.00	38.78 -1.16 0.00	39.98 -1.19 0.00	40.60 -1.30 0.00	43.08 -1.47 0.00	48.97 -2.04 0.00	52.34 -1.45 0.00	53.97 -1.44 0.00	55.21 -0.95 0.00	44.86 -1.01 0.00	38.04 -1.10 0.00	34.59 -0.38 0.00
ROCKVIEW_13_KV_LD 356306	35.15 2.24 0.00	32.21 2.14 0.00	30.34 2.01 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.35 2.13 0.00	44.28 2.86 0.00	47.79 3.46 0.00	48.57 3.68 0.00	45.16 3.42 -0.01	46.60 3.37 0.00	44.34 3.25 0.00	43.65 3.16 0.00	43.14 3.20 0.00	44.46 3.29 0.00	45.13 3.23 0.00	47.93 3.39 0.00	55.09 4.08 0.00	57.67 3.87 0.00	59.24 3.82 0.00	59.99 3.82 0.00	48.89 3.03 0.00	41.80 2.66 0.00	37.25 2.27 0.00
ROME____115KV_TB2 80656	32.84 0.66 0.73	29.93 0.54 0.68	27.68 0.45 0.62	28.43 0.51 0.66	28.87 0.64 0.65	32.46 0.77 0.54	41.85 1.12 0.69	44.87 1.20 0.65	45.84 1.30 0.35	42.77 1.04 0.00	44.22 0.99 0.00	41.88 0.78 0.00	41.06 0.57 0.00	40.58 0.64 0.00	41.99 0.82 0.00	42.82 0.92 0.00	45.57 1.02 0.00	52.49 1.48 0.00	55.57 1.78 0.00	57.35 1.94 0.00	58.30 2.13 0.00	47.43 1.56 0.00	40.23 1.10 0.00	35.89 0.91 0.00
ROSETON___1 23587	34.69 1.78 0.00	31.78 1.71 0.00	29.94 1.62 -0.47	30.20 1.63 0.00	30.50 1.62 0.00	33.93 1.71 0.00	43.74 2.32 0.00	47.03 2.70 0.00	47.76 2.88 0.00	44.36 2.63 0.00	45.86 2.64 0.00	43.60 2.51 0.00	42.92 2.43 0.00	42.38 2.44 0.00	43.72 2.55 0.00	44.37 2.47 0.00	47.13 2.58 0.00	54.18 3.16 0.00	56.70 2.90 0.00	58.29 2.88 0.00	59.03 2.86 0.00	48.11 2.25 0.00	41.13 1.99 0.00	36.73 1.75 0.00
ROSETON___2 23588	34.69 1.78 0.00	31.78 1.71 0.00	29.94 1.62 -0.47	30.20 1.63 0.00	30.50 1.62 0.00	33.93 1.71 0.00	43.74 2.32 0.00	47.03 2.70 0.00	47.76 2.88 0.00	44.36 2.63 0.00	45.86 2.64 0.00	43.60 2.51 0.00	42.92 2.43 0.00	42.38 2.44 0.00	43.72 2.55 0.00	44.37 2.47 0.00	47.13 2.58 0.00	54.18 3.16 0.00	56.70 2.90 0.00	58.29 2.88 0.00	59.03 2.86 0.00	48.11 2.25 0.00	41.13 1.99 0.00	36.73 1.75 0.00
ROTRRDAM_115KV_TB3 80664	34.17 1.25 0.00	31.24 1.17 0.00	29.58 1.11 -0.61	29.72 1.14 0.00	30.01 1.13 0.00	33.48 1.26 0.00	43.04 1.62 0.00	46.01 1.68 0.00	46.55 1.66 0.00	43.23 1.50 0.00	44.74 1.51 0.00	42.53 1.44 0.00	41.87 1.38 0.00	41.30 1.36 0.00	42.57 1.40 0.00	43.28 1.38 0.00	46.02 1.47 0.00	52.75 1.73 0.00	55.52 1.72 0.00	57.24 1.83 0.00	57.91 1.74 0.00	47.34 1.47 0.00	40.51 1.37 0.00	36.13 1.15 0.00
RUSSELL___1 23602	33.01 0.10 0.00	29.41 -0.66 0.00	27.33 -0.59 -0.06	27.92 -0.66 0.00	28.22 -0.66 0.00	31.62 -0.61 0.00	40.59 -0.83 0.00	43.04 -1.29 0.00	43.63 -1.26 0.00	40.65 -1.08 0.00	42.23 -0.99 0.00	40.19 -0.90 0.00	39.88 -0.61 0.00	38.98 -0.96 0.00	40.18 -0.99 0.00	40.81 -1.09 0.00	43.30 -1.25 0.00	49.23 -1.79 0.00	52.67 -1.13 0.00	54.30 -1.11 0.00	55.55 -0.62 0.00	45.09 -0.78 0.00	38.24 -0.90 0.00	34.77 -0.21 0.00
RUSSELL___2 23532	33.01 0.10 0.00	29.41 -0.66 0.00	27.33 -0.59 -0.06	27.92 -0.66 0.00	28.22 -0.66 0.00	31.62 -0.61 0.00	40.59 -0.83 0.00	43.04 -1.29 0.00	43.63 -1.26 0.00	40.65 -1.08 0.00	42.23 -0.99 0.00	40.19 -0.90 0.00	39.88 -0.61 0.00	38.98 -0.96 0.00	40.18 -0.99 0.00	40.81 -1.09 0.00	43.30 -1.25 0.00	49.23 -1.79 0.00	52.67 -1.13 0.00	54.30 -1.11 0.00	55.55 -0.62 0.00	45.09 -0.78 0.00	38.24 -0.90 0.00	34.77 -0.21 0.00
RUSSELL___3 23549	33.01 0.10 0.00	29.41 -0.66 0.00	27.33 -0.59 -0.06	27.92 -0.66 0.00	28.22 -0.66 0.00	31.62 -0.61 0.00	40.59 -0.83 0.00	43.04 -1.29 0.00	43.63 -1.26 0.00	40.65 -1.08 0.00	42.23 -0.99 0.00	40.19 -0.90 0.00	39.88 -0.61 0.00	38.98 -0.96 0.00	40.18 -0.99 0.00	40.81 -1.09 0.00	43.30 -1.25 0.00	49.23 -1.79 0.00	52.67 -1.13 0.00	54.30 -1.11 0.00	55.55 -0.62 0.00	45.09 -0.78 0.00	38.24 -0.90 0.00	34.77 -0.21 0.00
RUSSELL___4 23556	33.01 0.10 0.00	29.41 -0.66 0.00	27.33 -0.59 -0.06	27.92 -0.66 0.00	28.22 -0.66 0.00	31.62 -0.61 0.00	40.59 -0.83 0.00	43.04 -1.29 0.00	43.63 -1.26 0.00	40.65 -1.08 0.00	42.23 -0.99 0.00	40.19 -0.90 0.00	39.88 -0.61 0.00	38.98 -0.96 0.00	40.18 -0.99 0.00	40.81 -1.09 0.00	43.30 -1.25 0.00	49.23 -1.79 0.00	52.67 -1.13 0.00	54.30 -1.11 0.00	55.55 -0.62 0.00	45.09 -0.78 0.00	38.24 -0.90 0.00	34.77 -0.21 0.00
RUSSELL___STATION 23914	33.01 0.10 0.00	29.41 -0.66 0.00	27.33 -0.59 -0.06	27.92 -0.66 0.00	28.22 -0.66 0.00	31.62 -0.61 0.00	40.59 -0.83 0.00	43.04 -1.29 0.00	43.63 -1.26 0.00	40.65 -1.08 0.00	42.23 -0.99 0.00	40.19 -0.90 0.00	39.88 -0.61 0.00	38.98 -0.96 0.00	40.18 -0.99 0.00	40.81 -1.09 0.00	43.30 -1.25 0.00	49.23 -1.79 0.00	52.67 -1.13 0.00	54.30 -1.11 0.00	55.55 -0.62 0.00	45.09 -0.78 0.00	38.24 -0.90 0.00	34.77 -0.21 0.00
S SALMON___HYD 24043	30.68 -0.56 1.68	27.87 -0.63 1.57	25.77 -0.64 1.45	26.43 -0.63 1.51	26.81 -0.58 1.50	30.40 -0.58 1.25	39.17 -0.66 1.59	42.03 -0.80 1.50	43.09 -0.94 0.85	40.85 -0.88 0.00	42.23 -0.99 0.00	40.07 -1.03 0.00	39.40 -1.09 0.00	38.86 -1.08 0.00	40.10 -1.07 0.00	40.89 -1.01 0.00	43.48 -1.07 0.00	49.94 -1.07 0.00	52.99 -0.81 0.00	54.69 -0.72 0.00	55.72 -0.45 0.00	45.36 -0.50 0.00	38.47 -0.67 0.00	34.38 -0.59 0.00
S.PERRY__115KV_TB1 80734	33.67 0.76 0.00	29.83 -0.24 0.00	27.64 -0.31 -0.08	28.34 -0.23 0.00	28.74 -0.14 0.00	32.32 0.10 0.00	41.71 0.29 0.00	44.24 -0.09 0.00	44.44 -0.45 0.00	40.98 -0.75 0.00	42.49 -0.73 0.00	40.32 -0.78 0.00	39.92 -0.57 0.00	39.02 -0.92 0.00	40.26 -0.91 0.00	41.02 -0.88 0.00	43.61 -0.94 0.00	49.99 -1.02 0.00	53.96 0.16 0.00	56.02 0.61 0.00	57.46 1.29 0.00	46.56 0.69 0.00	39.37 0.23 0.00	35.71 0.73 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.42 -0.49 0.00	28.51 -1.56 0.00	26.46 -1.48 -0.08	27.14 -1.43 0.00	27.47 -1.42 0.00	30.71 -1.51 0.00	39.39 -2.03 0.00	41.49 -2.84 0.00	41.97 -2.92 0.00	39.02 -2.71 0.00	40.72 -2.51 0.00	38.75 -2.34 0.00	38.63 -1.86 0.00	37.54 -2.40 0.00	38.62 -2.55 0.00	39.30 -2.60 0.00	41.61 -2.94 0.00	46.98 -4.03 0.00	50.67 -3.12 0.00	52.14 -3.27 0.00	53.58 -2.58 0.00	43.57 -2.29 0.00	37.02 -2.11 0.00	34.24 -0.73 0.00

SAWYER___23_KV_LOAD 55526	32.42 -0.49 0.00	28.51 -1.56 0.00	26.46 -1.48 -0.08	27.14 -1.43 0.00	27.47 -1.42 0.00	30.71 -1.51 0.00	39.39 -2.03 0.00	41.49 -2.84 0.00	41.97 -2.92 0.00	39.02 -2.71 0.00	40.72 -2.51 0.00	38.75 -2.34 0.00	38.63 -1.86 0.00	37.54 0.00 0.00	38.62 -2.55 0.00	39.30 -2.60 0.00	41.61 -2.94 0.00	46.98 -4.03 0.00	50.67 -3.12 0.00	52.14 -3.27 0.00	53.58 -2.58 0.00	43.57 -2.29 0.00	37.02 -2.11 0.00	34.24 -0.73 0.00
SELKIRK___I 23801	33.97 1.05 0.00	31.09 1.02 0.00	29.44 1.00 -0.57	29.60 1.03 0.00	29.89 1.01 0.00	33.29 1.06 0.00	42.71 1.29 0.00	45.79 1.46 0.00	46.28 1.39 0.00	42.98 1.25 0.00	44.39 1.17 0.00	42.21 1.11 0.00	41.54 1.05 0.00	41.06 1.12 0.00	42.28 1.11 0.00	43.03 1.13 0.00	45.70 1.16 0.00	52.39 1.38 0.00	55.03 1.24 0.00	56.74 1.33 0.00	57.40 1.23 0.00	46.97 1.10 0.00	40.23 1.09 0.00	35.85 0.87 0.00
SELKIRK___II 23799	33.84 0.92 0.00	31.00 0.93 0.00	29.33 0.89 -0.58	29.49 0.91 0.00	29.78 0.90 0.00	33.16 0.94 0.00	42.58 1.16 0.00	45.71 1.38 0.00	46.23 1.35 0.00	42.94 1.21 0.00	44.39 1.17 0.00	42.21 1.11 0.00	41.54 1.05 0.00	41.02 1.08 0.00	42.28 1.11 0.00	42.99 1.09 0.00	45.70 1.16 0.00	52.34 1.32 0.00	54.93 1.13 0.00	56.63 1.22 0.00	57.29 1.12 0.00	46.83 0.96 0.00	40.12 0.98 0.00	35.75 0.77 0.00
SENECA OSWGO___HYD 24041	32.39 -0.53 0.00	29.41 -0.66 0.00	27.23 -0.67 -0.04	27.89 -0.69 0.00	28.22 -0.66 0.00	31.55 -0.68 0.00	40.63 -0.79 0.00	43.40 -0.93 0.00	43.94 -0.94 0.00	40.85 -0.88 0.00	42.32 -0.91 0.00	40.19 -0.90 0.00	39.64 -0.85 0.00	39.02 -0.92 0.00	40.22 -0.95 0.00	40.94 -0.96 0.00	43.52 -1.02 0.00	49.79 -1.22 0.00	52.72 -1.08 0.00	54.30 -1.11 0.00	55.16 -1.01 0.00	44.99 -0.87 0.00	38.24 -0.90 0.00	34.24 -0.74 0.00
SENECA___115KV_TB3 355854	32.75 -0.16 0.00	28.69 -1.38 0.00	26.55 -1.39 -0.08	27.34 -1.23 0.00	27.67 -1.21 0.00	30.97 -1.26 0.00	39.76 -1.66 0.00	42.02 -2.31 0.00	42.51 -2.38 0.00	39.48 -2.25 0.00	41.15 -2.07 0.00	39.21 -1.89 0.00	39.03 -1.46 0.00	37.90 -2.04 0.00	39.03 -2.14 0.00	39.72 -2.18 0.00	42.05 -2.49 0.00	47.59 -3.42 0.00	51.27 -2.53 0.00	52.75 -2.66 0.00	54.20 -1.97 0.00	44.08 -1.79 0.00	37.45 -1.68 0.00	34.56 -0.42 0.00
SENECA___ENERGY 23797	33.11 0.20 0.00	29.86 -0.21 0.00	27.64 -0.28 -0.06	28.34 -0.23 0.00	28.74 -0.14 0.00	32.23 0.00 0.00	41.71 0.29 0.00	44.60 0.27 0.00	45.02 0.14 0.00	41.81 0.08 0.00	43.27 0.04 0.00	41.10 0.00 0.00	40.53 0.04 0.00	39.82 -0.12 0.00	41.01 -0.16 0.00	41.69 -0.21 0.00	44.41 -0.13 0.00	50.66 -0.35 0.00	53.90 0.11 0.00	55.63 0.22 0.00	56.62 0.45 0.00	46.10 0.23 0.00	39.18 0.04 0.00	35.15 0.18 0.00
SHOEMAKER___GT 23640	34.50 1.58 0.00	31.57 1.50 0.00	29.71 1.42 -0.43	30.00 1.43 0.00	30.30 1.41 0.00	33.74 1.52 0.00	43.49 2.07 0.00	46.72 2.39 0.00	47.40 2.51 0.00	44.02 2.29 0.00	45.47 2.25 0.00	43.23 2.14 0.00	42.55 2.06 0.00	42.02 2.08 0.00	43.31 2.14 0.00	43.99 2.09 0.00	46.73 2.18 0.00	53.77 2.75 0.00	56.43 2.64 0.00	58.02 2.60 0.00	58.75 2.59 0.00	47.84 1.97 0.00	40.94 1.80 0.00	36.55 1.58 0.00
SHOEMAKR_138KV_BK 111 55601	34.50 1.58 0.00	31.60 1.53 0.00	29.71 1.42 -0.43	30.03 1.46 0.00	30.33 1.44 0.00	33.77 1.55 0.00	43.45 2.03 0.00	46.77 2.44 0.00	47.45 2.56 0.00	44.07 2.34 0.00	45.52 2.29 0.00	43.27 2.18 0.00	42.55 2.06 0.00	42.02 2.08 0.00	43.35 2.18 0.00	44.04 2.14 0.00	46.77 2.23 0.00	53.77 2.75 0.00	56.43 2.64 0.00	58.02 2.60 0.00	58.75 2.58 0.00	47.93 2.06 0.00	40.98 1.84 0.00	36.55 1.57 0.00
SHOREHAM_IC_1 23715	36.28 3.36 -0.01	32.96 2.89 0.00	31.14 2.81 -0.47	31.37 2.80 0.00	31.77 2.89 0.00	35.35 3.13 0.00	45.52 4.10 0.00	48.41 4.08 0.00	49.29 4.40 0.00	45.96 4.21 -0.02	48.48 3.85 -1.41	47.93 3.57 -3.26	47.35 3.48 -3.38	45.69 3.55 -2.20	47.16 3.75 -2.24	47.72 3.60 -2.21	49.98 3.78 -1.65	57.65 4.74 -1.89	60.14 4.57 -1.77	61.28 4.60 -1.27	62.02 4.66 -1.19	51.24 3.76 -1.61	42.96 3.68 -0.14	38.56 3.43 -0.15
SHOREHAM_IC_2 23716	36.28 3.36 -0.01	32.96 2.89 0.00	31.14 2.81 -0.47	31.37 2.80 0.00	31.77 2.89 0.00	35.35 3.13 0.00	45.07 3.64 0.00	48.41 4.08 0.00	49.33 4.44 0.00	46.05 4.30 -0.02	48.44 3.80 -1.41	47.93 3.58 -3.26	47.35 3.48 -3.38	45.69 3.55 -2.20	47.12 3.71 -2.24	47.84 3.73 -2.21	50.07 3.88 -1.65	57.65 4.74 -1.89	60.14 4.57 -1.77	61.34 4.65 -1.27	62.02 4.66 -1.19	51.33 3.85 -1.61	43.00 3.72 -0.14	38.56 3.43 -0.15
SISSONVILLE____ 23735	10.51 -2.30 20.10	9.41 -1.86 18.79	8.34 -1.76 17.77	8.72 -1.77 18.08	9.19 -1.76 17.93	15.33 -1.93 14.97	20.06 -2.36 19.00	23.71 -2.62 18.01	31.94 -2.74 10.21	39.10 -2.63 0.00	40.55 -2.68 0.00	38.55 -2.55 0.00	37.86 -2.63 0.00	37.54 -2.40 0.00	38.78 -2.39 0.00	39.51 -2.39 0.00	42.27 -2.27 0.00	48.36 -2.65 0.00	51.21 -2.58 0.00	52.86 -2.55 0.00	53.58 -2.58 0.00	43.85 -2.02 0.00	37.42 -1.72 0.00	33.23 -1.75 0.00
SITHE_IND_GS1 24169	32.16 -0.76 0.00	29.23 -0.84 0.00	27.08 -0.81 -0.03	27.74 -0.83 0.00	28.05 -0.84 0.00	31.36 -0.87 0.00	40.30 -1.12 0.00	43.04 -1.29 0.00	43.54 -1.35 0.00	40.52 -1.21 0.00	41.97 -1.25 0.00	39.86 -1.23 0.00	39.31 -1.18 0.00	38.74 -1.20 0.00	39.94 -1.23 0.00	40.60 -1.30 0.00	43.16 -1.38 0.00	49.38 -1.63 0.00	52.23 -1.56 0.00	53.80 -1.61 0.00	54.60 -1.57 0.00	44.58 -1.28 0.00	37.92 -1.21 0.00	34.00 -0.98 0.00
SITHE_IND_GS2 24170	32.16 -0.76 0.00	29.23 -0.84 0.00	27.08 -0.81 -0.03	27.74 -0.83 0.00	28.05 -0.84 0.00	31.36 -0.87 0.00	40.30 -1.12 0.00	43.04 -1.29 0.00	43.54 -1.35 0.00	40.52 -1.21 0.00	41.97 -1.25 0.00	39.86 -1.23 0.00	39.31 -1.18 0.00	38.74 -1.20 0.00	39.94 -1.23 0.00	40.60 -1.30 0.00	43.16 -1.38 0.00	49.38 -1.63 0.00	52.23 -1.56 0.00	53.80 -1.61 0.00	54.60 -1.57 0.00	44.58 -1.28 0.00	37.92 -1.21 0.00	34.00 -0.98 0.00
SITHE_IND_GS3 24171	32.16 -0.76 0.00	29.23 -0.84 0.00	27.08 -0.81 -0.03	27.74 -0.83 0.00	28.05 -0.84 0.00	31.36 -0.87 0.00	40.30 -1.12 0.00	43.04 -1.29 0.00	43.54 -1.35 0.00	40.52 -1.21 0.00	41.97 -1.25 0.00	39.86 -1.23 0.00	39.31 -1.18 0.00	38.74 -1.20 0.00	39.94 -1.23 0.00	40.60 -1.30 0.00	43.16 -1.38 0.00	49.38 -1.63 0.00	52.23 -1.56 0.00	53.80 -1.61 0.00	54.60 -1.57 0.00	44.58 -1.28 0.00	37.92 -1.21 0.00	34.00 -0.98 0.00
SITHE_IND_GS4 24172	32.16 -0.76 0.00	29.23 -0.84 0.00	27.08 -0.81 -0.03	27.74 -0.83 0.00	28.05 -0.84 0.00	31.36 -0.87 0.00	40.30 -1.12 0.00	43.04 -1.29 0.00	43.54 -1.35 0.00	40.52 -1.21 0.00	41.97 -1.25 0.00	39.86 -1.23 0.00	39.31 -1.18 0.00	38.74 -1.20 0.00	39.94 -1.23 0.00	40.60 -1.30 0.00	43.16 -1.38 0.00	49.38 -1.63 0.00	52.23 -1.56 0.00	53.80 -1.61 0.00	54.60 -1.57 0.00	44.58 -1.28 0.00	37.92 -1.21 0.00	34.00 -0.98 0.00

SITHE___BATAVIA 24024	33.15 0.23 0.00	29.14 -0.93 0.00	27.03 -0.89 -0.07	27.69 -0.89 0.00	28.02 -0.87 0.00	31.39 -0.84 0.00	40.30 -1.12 0.00	42.60 -1.73 0.00	43.04 -1.84 0.00	39.98 -1.75 0.00	41.54 -1.69 0.00	39.53 -1.56 0.00	39.31 -1.18 0.00	38.22 -1.72 0.00	39.36 -1.81 0.00	40.06 -1.84 0.00	42.54 -2.00 0.00	48.16 -2.86 0.00	51.91 -1.88 0.00	53.86 -1.55 0.00	55.05 -1.12 0.00	44.99 -0.87 0.00	37.92 -1.21 0.00	34.81 -0.17 0.00
SITHE___INDEPEND 23800	32.16 -0.76 0.00	29.23 -0.84 0.00	27.08 -0.81 -0.03	27.74 -0.83 0.00	28.05 -0.84 0.00	31.36 -0.87 0.00	40.30 -1.12 0.00	43.04 -1.29 0.00	43.54 -1.35 0.00	40.52 -1.21 0.00	41.97 -1.25 0.00	39.86 -1.23 0.00	39.31 -1.17 0.00	38.74 -1.20 0.00	39.93 -1.24 0.00	40.60 -1.30 0.00	43.17 -1.38 0.00	49.38 -1.63 0.00	52.23 -1.56 0.00	53.75 -1.66 0.00	54.60 -1.57 0.00	44.54 -1.33 0.00	37.92 -1.21 0.00	34.00 -0.98 0.00
SITHE___MASSENA 23902	7.40 -1.18 24.33	6.39 -0.93 22.75	5.49 -0.86 21.51	5.79 -0.89 21.89	6.31 -0.87 21.71	13.14 -0.97 18.12	17.22 -1.20 23.00	21.20 -1.33 21.80	31.09 -1.44 12.36	40.39 -1.34 0.00	41.93 -1.30 0.00	39.86 -1.23 0.00	39.28 -1.21 0.00	38.82 -1.12 0.00	40.06 -1.11 0.00	40.81 -1.09 0.00	43.57 -0.98 0.00	49.74 -1.27 0.00	52.61 -1.18 0.00	54.19 -1.22 0.00	54.99 -1.18 0.00	44.99 -0.87 0.00	38.43 -0.70 0.00	34.24 -0.74 0.00
SITHE___OGDNSBRG 24021	9.82 -1.35 21.74	8.75 -0.99 20.33	7.69 -0.95 19.22	8.07 -0.94 19.56	8.59 -0.90 19.40	15.07 -0.97 16.19	19.75 -1.12 20.55	23.48 -1.37 19.48	32.23 -1.62 11.04	40.06 -1.67 0.00	41.54 -1.69 0.00	39.45 -1.64 0.00	38.79 -1.70 0.00	38.42 -1.52 0.00	39.69 -1.48 0.00	40.48 -1.42 0.00	43.30 -1.25 0.00	49.64 -1.38 0.00	52.72 -1.08 0.00	54.47 -0.94 0.00	55.27 -0.90 0.00	45.18 -0.69 0.00	38.51 -0.63 0.00	34.24 -0.73 0.00
SITHE___STERLING 23777	33.54 0.62 0.00	30.58 0.51 0.00	28.31 0.42 -0.03	29.03 0.46 0.00	29.43 0.55 0.00	32.91 0.68 0.00	42.41 0.99 0.00	45.39 1.06 0.00	45.96 1.08 0.00	42.65 0.92 0.00	44.14 0.91 0.00	41.79 0.70 0.00	41.06 0.57 0.00	40.50 0.56 0.00	41.87 0.70 0.00	42.66 0.75 0.00	45.39 0.84 0.00	52.19 1.17 0.00	55.25 1.45 0.00	56.96 1.55 0.00	57.85 1.68 0.00	47.15 1.28 0.00	40.00 0.86 0.00	35.71 0.74 0.00
SLEIGHT__34_KV_TB1 80719	32.69 -0.23 0.00	29.32 -0.75 0.00	27.19 -0.72 -0.05	27.80 -0.77 0.00	28.13 -0.75 0.00	31.52 -0.71 0.00	40.63 -0.79 0.00	43.27 -1.06 0.00	43.81 -1.08 0.00	40.81 -0.92 0.00	42.32 -0.91 0.00	40.23 -0.86 0.00	39.80 -0.69 0.00	39.02 -0.92 0.00	40.22 -0.95 0.00	40.85 -1.05 0.00	43.39 -1.16 0.00	49.43 -1.58 0.00	52.67 -1.13 0.00	54.30 -1.11 0.00	55.38 -0.79 0.00	45.00 -0.87 0.00	38.20 -0.94 0.00	34.45 -0.52 0.00
SMITHTWN_69_KV_BK 1 55830	36.32 3.39 -0.01	33.02 2.95 0.00	31.14 2.81 -0.47	31.37 2.80 0.00	31.74 2.86 0.00	35.39 3.16 0.00	45.15 3.73 0.00	48.54 4.21 0.00	49.42 4.53 0.00	46.17 4.42 -0.02	48.75 4.06 -1.46	48.27 3.78 -3.39	47.73 3.72 -3.52	45.98 3.75 -2.28	47.41 3.91 -2.33	48.09 3.90 -2.30	50.36 4.10 -1.72	57.92 4.95 -1.96	60.42 4.79 -1.84	61.61 4.88 -1.32	62.29 4.89 -1.24	51.53 3.99 -1.67	43.08 3.80 -0.15	38.60 3.46 -0.16
SOUTH CAIRO___GT 23612	34.46 1.55 0.00	31.60 1.53 0.00	29.53 1.11 -0.56	30.03 1.46 0.00	30.33 1.44 0.00	33.84 1.61 0.00	43.57 2.15 0.00	46.68 2.35 0.00	47.04 2.15 0.00	43.44 1.71 0.00	44.74 1.51 0.00	42.41 1.32 0.00	41.58 1.09 0.00	41.14 1.20 0.00	42.36 1.19 0.00	43.12 1.22 0.00	45.93 1.38 0.00	52.80 1.79 0.00	55.68 1.88 0.00	57.57 2.16 0.00	58.08 1.91 0.00	47.52 1.65 0.00	40.74 1.60 0.00	36.24 1.26 0.00
SOUTH HAMPTN___IC 23720	36.32 3.39 -0.01	33.02 2.95 0.00	31.20 2.87 -0.47	31.43 2.86 0.00	31.83 2.95 0.00	35.42 3.19 0.00	45.60 4.18 0.00	48.54 4.21 0.00	49.42 4.53 0.00	46.13 4.38 -0.02	48.51 3.89 -1.39	47.93 3.62 -3.22	47.35 3.52 -3.34	45.70 3.60 -2.17	47.17 3.79 -2.21	47.72 3.64 -2.18	49.96 3.78 -1.63	57.67 4.79 -1.86	60.11 4.57 -1.75	61.32 4.66 -1.25	62.00 4.66 -1.17	51.22 3.76 -1.59	42.92 3.64 -0.14	38.59 3.46 -0.15
SOUTHDOW_115KV_TB1 355954	33.57 0.66 0.00	29.14 -0.93 0.00	26.94 -1.00 -0.09	27.97 -0.60 0.00	28.31 -0.58 0.00	31.81 -0.42 0.00	41.05 -0.37 0.00	43.89 -0.44 0.00	44.35 -0.54 0.00	41.15 -0.58 0.00	42.88 -0.35 0.00	41.14 0.04 0.00	40.53 0.04 0.00	39.34 -0.60 0.00	40.55 -0.62 0.00	41.36 -0.54 0.00	43.74 -0.80 0.00	49.64 -1.38 0.00	53.47 -0.32 0.00	55.02 -0.39 0.00	56.51 0.34 0.00	45.91 0.05 0.00	38.98 -0.16 0.00	35.82 0.84 0.00
SOUTHOLD_69_KV_BK 2 55809	36.25 3.32 -0.01	32.93 2.86 0.00	31.14 2.81 -0.47	31.37 2.80 0.00	31.77 2.89 0.00	35.35 3.13 0.00	45.52 4.10 0.00	48.54 4.21 0.00	49.42 4.53 0.00	46.13 4.38 -0.02	48.34 3.72 -1.39	47.73 3.41 -3.22	47.15 3.32 -3.34	45.50 3.39 -2.17	46.96 3.58 -2.21	47.48 3.39 -2.18	49.69 3.52 -1.63	57.42 4.54 -1.86	59.90 4.36 -1.75	61.10 4.43 -1.25	61.73 4.38 -1.17	50.99 3.53 -1.59	42.64 3.37 -0.14	38.49 3.36 -0.15
SOUTH_FORK_WT_PWR 323839	35.89 2.96 -0.01	32.63 2.55 0.00	30.89 2.56 -0.47	31.11 2.54 0.00	31.51 2.63 0.00	35.06 2.84 0.00	45.11 3.69 0.00	48.10 3.77 0.00	48.97 4.08 0.00	45.67 3.92 -0.02	47.73 3.11 -1.39	47.11 2.80 -3.22	46.54 2.71 -3.34	44.90 2.79 -2.17	46.35 2.97 -2.21	46.85 2.76 -2.18	49.03 2.85 -1.63	56.70 3.83 -1.86	59.09 3.55 -1.75	60.26 3.60 -1.25	60.88 3.54 -1.17	50.30 2.84 -1.59	42.10 2.82 -0.14	38.10 2.97 -0.15
SPIERFLS_115KV_TB 1 80737	34.79 1.88 0.00	31.78 1.71 0.00	30.13 1.67 -0.60	30.32 1.74 0.00	30.56 1.68 0.00	34.16 1.93 0.00	44.11 2.69 0.00	46.19 1.86 0.00	46.50 1.62 0.00	43.27 1.54 0.00	44.78 1.56 0.00	42.58 1.48 0.00	41.82 1.34 0.00	41.30 1.36 0.00	42.53 1.36 0.00	43.24 1.34 0.00	45.88 1.34 0.00	52.49 1.48 0.00	55.30 1.51 0.00	57.19 1.77 0.00	57.74 1.57 0.00	47.38 1.51 0.00	41.37 2.23 0.00	36.80 1.82 0.00
ST LAWRENCE____ 23600	6.30 -1.22 25.40	5.27 -0.99 23.81	4.47 -0.89 22.50	4.76 -0.92 22.90	5.24 -0.93 22.72	12.23 -1.03 18.97	16.06 -1.28 24.07	20.09 -1.42 22.82	30.47 -1.48 12.93	40.35 -1.38 0.00	41.93 -1.30 0.00	39.86 -1.23 0.00	39.28 -1.21 0.00	38.82 -1.12 0.00	40.06 -1.11 0.00	40.81 -1.09 0.00	43.52 -1.02 0.00	49.74 -1.27 0.00	52.56 -1.24 0.00	54.14 -1.27 0.00	54.88 -1.29 0.00	44.86 -1.01 0.00	38.31 -0.82 0.00	34.18 -0.80 0.00

STATE_CA_115KV_115_LB 55624	33.90 0.99 0.00	31.06 0.99 0.00	29.40 0.95 -0.59	29.57 1.00 0.00	29.84 0.95 0.00	33.26 1.03 0.00	42.70 1.28 0.00	45.88 1.55 0.00	46.37 1.48 0.00	43.11 1.38 0.00	44.52 1.30 0.00	42.37 1.27 0.00	41.70 1.21 0.00	41.22 1.28 0.00	42.49 1.32 0.00	43.20 1.30 0.00	45.88 1.34 0.00	52.49 1.48 0.00	55.03 1.24 0.00	56.80 1.39 0.00	57.35 1.18 0.00	46.92 1.05 0.00	40.23 1.10 0.00	35.82 0.84 0.00
STATE_ST_34_KV_LOAD 55959	33.08 0.16 0.00	29.92 -0.15 0.00	27.70 -0.22 -0.06	28.37 -0.20 0.00	28.74 -0.14 0.00	32.16 -0.06 0.00	41.54 0.12 0.00	44.42 0.09 0.00	44.93 0.04 0.00	41.77 0.04 0.00	43.23 0.00 0.00	41.05 -0.04 0.00	40.53 0.04 0.00	39.86 -0.08 0.00	41.09 -0.08 0.00	41.77 -0.13 0.00	44.41 -0.13 0.00	50.86 -0.15 0.00	54.01 0.22 0.00	55.63 0.22 0.00	56.56 0.39 0.00	46.05 0.18 0.00	39.10 -0.04 0.00	35.01 0.03 0.00
STATION_5_MISC_HYD 23604	32.85 -0.07 0.00	29.29 -0.78 0.00	27.19 -0.72 -0.06	27.80 -0.77 0.00	28.13 -0.75 0.00	31.49 -0.74 0.00	40.43 -0.99 0.00	42.91 -1.42 0.00	43.45 -1.44 0.00	40.48 -1.25 0.00	42.06 -1.17 0.00	39.99 -1.11 0.00	39.68 -0.81 0.00	38.78 -1.16 0.00	39.94 -1.23 0.00	40.60 -1.30 0.00	43.12 -1.43 0.00	48.97 -2.04 0.00	52.34 -1.45 0.00	54.14 -1.27 0.00	55.21 -0.96 0.00	45.04 -0.82 0.00	38.04 -1.10 0.00	34.60 -0.38 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.10 1.18 0.00	30.37 0.30 0.00	28.14 0.22 -0.05	28.77 0.20 0.00	29.14 0.26 0.00	32.71 0.48 0.00	42.21 0.79 0.00	45.04 0.71 0.00	45.70 0.81 0.00	42.52 0.79 0.00	44.05 0.82 0.00	41.92 0.82 0.00	41.46 0.97 0.00	40.58 0.64 0.00	41.87 0.70 0.00	42.53 0.63 0.00	45.17 0.62 0.00	51.52 0.51 0.00	54.98 1.18 0.00	56.80 1.39 0.00	57.97 1.80 0.00	46.97 1.10 0.00	39.72 0.59 0.00	35.82 0.84 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.65 -0.26 0.00	29.14 -0.93 0.00	27.08 -0.84 -0.06	27.66 -0.91 0.00	27.99 -0.90 0.00	31.33 -0.90 0.00	40.26 -1.16 0.00	42.73 -1.60 0.00	43.32 -1.57 0.00	40.31 -1.42 0.00	41.89 -1.34 0.00	39.86 -1.23 0.00	39.52 -0.97 0.00	38.66 -1.28 0.00	39.85 -1.32 0.00	40.48 -1.42 0.00	42.94 -1.60 0.00	48.82 -2.19 0.00	52.13 -1.67 0.00	53.75 -1.66 0.00	54.93 -1.24 0.00	44.63 -1.24 0.00	37.88 -1.25 0.00	34.42 -0.56 0.00
STA_56___34_KV_BUS2 355983	32.65 -0.26 0.00	29.14 -0.93 0.00	27.08 -0.84 -0.06	27.66 -0.91 0.00	27.99 -0.90 0.00	31.33 -0.90 0.00	40.26 -1.16 0.00	42.73 -1.60 0.00	43.32 -1.57 0.00	40.31 -1.42 0.00	41.89 -1.34 0.00	39.86 -1.23 0.00	39.52 -0.97 0.00	38.66 -1.28 0.00	39.85 -1.32 0.00	40.48 -1.42 0.00	42.94 -1.60 0.00	48.82 -2.19 0.00	52.13 -1.67 0.00	53.75 -1.66 0.00	54.93 -1.24 0.00	44.63 -1.24 0.00	37.88 -1.25 0.00	34.42 -0.56 0.00
STA_67___115KV_BK2 355882	32.78 -0.13 0.00	29.23 -0.84 0.00	27.19 -0.72 -0.06	27.77 -0.80 0.00	28.07 -0.81 0.00	31.42 -0.81 0.00	40.34 -1.08 0.00	42.82 -1.51 0.00	43.36 -1.53 0.00	40.35 -1.38 0.00	41.97 -1.25 0.00	39.95 -1.15 0.00	39.60 -0.89 0.00	38.70 -1.24 0.00	39.89 -1.28 0.00	40.52 -1.38 0.00	42.99 -1.56 0.00	48.82 -2.19 0.00	52.23 -1.56 0.00	53.86 -1.55 0.00	55.05 -1.12 0.00	44.72 -1.15 0.00	37.96 -1.17 0.00	34.56 -0.42 0.00
STA_7___115KV_9TRANS 80674	33.01 0.10 0.00	29.41 -0.66 0.00	27.33 -0.59 -0.06	27.92 -0.66 0.00	28.22 -0.66 0.00	31.62 -0.61 0.00	40.59 -0.83 0.00	43.04 -1.29 0.00	43.63 -1.26 0.00	40.65 -1.08 0.00	42.23 -0.99 0.00	40.19 -0.90 0.00	39.88 -0.61 0.00	38.98 -0.96 0.00	40.18 -0.99 0.00	40.81 -1.09 0.00	43.30 -1.25 0.00	49.23 -1.79 0.00	52.67 -1.13 0.00	54.30 -1.11 0.00	55.55 -0.62 0.00	45.09 -0.78 0.00	38.24 -0.90 0.00	34.77 -0.21 0.00
STA_82___115KV_TB1 80780	32.78 -0.13 0.00	29.23 -0.84 0.00	27.19 -0.72 -0.06	27.77 -0.80 0.00	28.07 -0.81 0.00	31.42 -0.81 0.00	40.34 -1.08 0.00	42.82 -1.51 0.00	43.36 -1.53 0.00	40.40 -1.34 0.00	41.97 -1.25 0.00	39.95 -1.15 0.00	39.60 -0.89 0.00	38.70 -1.24 0.00	39.89 -1.28 0.00	40.52 -1.38 0.00	42.99 -1.56 0.00	48.87 -2.14 0.00	52.23 -1.56 0.00	53.86 -1.55 0.00	55.05 -1.12 0.00	44.77 -1.10 0.00	37.96 -1.17 0.00	34.56 -0.42 0.00
STEEL___WIND 323596	32.72 -0.20 0.00	28.66 -1.41 0.00	26.63 -1.31 -0.08	27.32 -1.26 0.00	27.64 -1.24 0.00	30.94 -1.29 0.00	39.72 -1.70 0.00	42.02 -2.31 0.00	42.46 -2.42 0.00	39.48 -2.25 0.00	41.11 -2.12 0.00	39.12 -1.97 0.00	38.95 -1.54 0.00	37.82 -2.12 0.00	38.90 -2.26 0.00	39.68 -2.22 0.00	42.10 -2.45 0.00	47.54 -3.47 0.00	51.21 -2.58 0.00	52.92 -2.49 0.00	54.15 -2.02 0.00	44.31 -1.56 0.00	37.42 -1.72 0.00	34.52 -0.46 0.00
STEPHTWN_115KV_BK_2 55603	34.07 1.15 0.00	31.21 1.14 0.00	29.53 1.09 -0.58	29.72 1.14 0.00	29.98 1.10 0.00	33.42 1.19 0.00	42.99 1.57 0.00	46.15 1.82 0.00	46.59 1.71 0.00	43.32 1.59 0.00	44.70 1.47 0.00	42.53 1.44 0.00	41.82 1.34 0.00	41.38 1.44 0.00	42.65 1.48 0.00	43.37 1.47 0.00	46.11 1.56 0.00	52.75 1.73 0.00	55.41 1.61 0.00	57.19 1.77 0.00	57.74 1.57 0.00	47.20 1.33 0.00	40.47 1.33 0.00	35.99 1.01 0.00
STEUBEN_REC_LFGE 323667	32.82 -0.10 0.00	29.14 -0.93 0.00	26.96 -1.00 -0.11	27.80 -0.77 0.00	28.31 -0.58 0.00	31.94 -0.29 0.00	41.46 0.04 0.00	44.20 -0.13 0.00	44.71 -0.18 0.00	41.40 -0.33 0.00	42.92 -0.30 0.00	40.81 -0.29 0.00	40.25 -0.24 0.00	39.34 -0.60 0.00	40.51 -0.66 0.00	41.19 -0.71 0.00	43.74 -0.80 0.00	50.09 -0.92 0.00	53.90 0.11 0.00	55.63 0.22 0.00	57.07 0.90 0.00	46.23 0.37 0.00	39.18 0.04 0.00	35.57 0.59 0.00
STILLWATER___SOLAR 323814	34.69 1.78 0.00	31.72 1.65 0.00	30.05 1.59 -0.60	30.23 1.66 0.00	30.47 1.59 0.00	34.03 1.80 0.00	43.49 2.07 0.00	46.59 2.26 0.00	47.09 2.20 0.00	43.77 2.04 0.00	45.26 2.03 0.00	43.03 1.93 0.00	42.31 1.82 0.00	41.78 1.84 0.00	43.02 1.85 0.00	43.74 1.84 0.00	46.50 1.96 0.00	53.20 2.19 0.00	56.00 2.21 0.00	57.79 2.38 0.00	58.47 2.30 0.00	47.84 1.97 0.00	41.21 2.07 0.00	36.66 1.68 0.00
STONY___BROOK 24151	36.32 3.39 -0.01	33.02 2.95 0.00	31.14 2.81 -0.47	31.37 2.80 0.00	31.74 2.86 0.00	35.39 3.16 0.00	45.52 4.10 0.00	48.50 4.17 0.00	49.33 4.44 0.00	46.05 4.30 -0.02	48.65 3.97 -1.45	48.19 3.74 -3.35	47.61 3.65 -3.47	45.91 3.72 -2.25	47.34 3.87 -2.30	47.94 3.77 -2.27	50.20 3.96 -1.70	57.85 4.90 -1.94	60.35 4.74 -1.82	61.42 4.71 -1.30	62.16 4.77 -1.22	51.38 3.85 -1.65	43.04 3.76 -0.14	38.60 3.46 -0.15
STURGEON_POOL_HYD 23609	34.73 1.81 0.00	31.81 1.74 0.00	29.85 1.50 -0.48	30.23 1.66 0.00	30.53 1.65 0.00	33.97 1.74 0.00	43.70 2.28 0.00	47.03 2.70 0.00	47.80 2.92 0.00	44.36 2.63 0.00	45.82 2.59 0.00	43.52 2.42 0.00	42.80 2.31 0.00	42.26 2.32 0.00	43.60 2.43 0.00	44.25 2.35 0.00	47.04 2.49 0.00	54.12 3.11 0.00	56.70 2.90 0.00	58.29 2.88 0.00	58.98 2.81 0.00	48.12 2.25 0.00	41.13 2.00 0.00	36.66 1.68 0.00

ST_LAW_115_BK7_LBMP 345037	6.39 -1.32 25.21	5.45 -1.05 23.57	4.63 -0.95 22.28	4.92 -0.97 22.68	5.41 -0.98 22.49	12.36 -1.10 18.77	16.23 -1.37 23.82	20.24 -1.51 22.58	30.52 -1.57 12.80	40.27 -1.46 0.00	41.80 -1.43 0.00	39.78 -1.32 0.00	39.19 -1.30 0.00	38.74 -1.20 0.00	39.97 -1.20 0.00	40.73 -1.17 0.00	43.43 -1.11 0.00	49.64 -1.37 0.00	52.45 -1.34 0.00	54.03 -1.38 0.00	54.77 -1.40 0.00	44.77 -1.10 0.00	38.28 -0.86 0.00	34.11 -0.87 0.00
ST_LAW_115_BK8_LBMP 345038	6.39 -1.32 25.21	5.45 -1.05 23.57	4.63 -0.95 22.28	4.92 -0.97 22.68	5.41 -0.98 22.49	12.36 -1.10 18.77	16.23 -1.37 23.82	20.24 -1.51 22.58	30.52 -1.57 12.80	40.27 -1.46 0.00	41.80 -1.43 0.00	39.78 -1.32 0.00	39.19 -1.30 0.00	38.74 -1.20 0.00	39.97 -1.20 0.00	40.73 -1.17 0.00	43.43 -1.11 0.00	49.64 -1.37 0.00	52.45 -1.34 0.00	54.03 -1.38 0.00	54.77 -1.40 0.00	44.77 -1.10 0.00	38.28 -0.86 0.00	34.11 -0.87 0.00
ST_LAW_230_BK5_LBMP 345035	5.96 -1.22 25.73	5.02 -0.99 24.06	4.22 -0.89 22.75	4.51 -0.92 23.15	5.00 -0.93 22.96	12.03 -1.03 19.16	15.82 -1.28 24.32	19.86 -1.42 23.05	30.34 -1.48 13.07	40.35 -1.38 0.00	41.93 -1.30 0.00	39.86 -1.23 0.00	39.28 -1.21 0.00	38.82 -1.12 0.00	40.06 -1.11 0.00	40.81 -1.09 0.00	43.52 -1.02 0.00	49.74 -1.27 0.00	52.56 -1.24 0.00	54.14 -1.27 0.00	54.88 -1.29 0.00	44.86 -1.01 0.00	38.31 -0.82 0.00	34.18 -0.80 0.00
ST_LAW_230_BK6_LBMP 345036	5.96 -1.22 25.73	5.02 -0.99 24.06	4.22 -0.89 22.75	4.51 -0.92 23.15	5.00 -0.93 22.96	12.03 -1.03 19.16	15.82 -1.28 24.32	19.86 -1.42 23.05	30.34 -1.48 13.07	40.35 -1.38 0.00	41.93 -1.30 0.00	39.86 -1.23 0.00	39.28 -1.21 0.00	38.82 -1.12 0.00	40.06 -1.11 0.00	40.81 -1.09 0.00	43.52 -1.02 0.00	49.74 -1.27 0.00	52.56 -1.24 0.00	54.14 -1.27 0.00	54.88 -1.29 0.00	44.86 -1.01 0.00	38.31 -0.82 0.00	34.18 -0.80 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.66 1.74 0.00	31.72 1.65 0.00	29.86 1.56 -0.44	30.14 1.57 0.00	30.44 1.56 0.00	33.90 1.68 0.00	43.66 2.24 0.00	46.99 2.66 0.00	47.72 2.83 0.00	44.36 2.63 0.00	45.82 2.59 0.00	43.52 2.42 0.00	42.84 2.35 0.00	42.30 2.36 0.00	43.64 2.47 0.00	44.33 2.43 0.00	47.09 2.54 0.00	54.12 3.11 0.00	56.70 2.90 0.00	58.29 2.88 0.00	59.03 2.86 0.00	48.16 2.29 0.00	41.17 2.04 0.00	36.73 1.75 0.00
SWANROAD_115KV_TB1 355699	31.83 -1.09 0.00	28.00 -2.07 0.00	26.04 -1.89 -0.07	26.66 -1.91 0.00	26.98 -1.91 0.00	30.13 -2.09 0.00	38.60 -2.82 0.00	40.56 -3.77 0.00	41.03 -3.86 0.00	38.14 -3.59 0.00	39.77 -3.46 0.00	37.89 -3.21 0.00	37.78 -2.71 0.00	36.67 -3.28 0.00	37.75 -3.42 0.00	38.38 -3.52 0.00	40.63 -3.92 0.00	45.86 -5.15 0.00	49.49 -4.30 0.00	50.92 -4.49 0.00	52.35 -3.82 0.00	42.61 -3.26 0.00	36.20 -2.94 0.00	33.58 -1.40 0.00
SYNERGY___BIOGAS 323694	33.15 0.23 0.00	29.14 -0.93 0.00	27.04 -0.89 -0.07	27.69 -0.89 0.00	28.02 -0.87 0.00	31.39 -0.84 0.00	40.30 -1.12 0.00	42.60 -1.73 0.00	43.05 -1.84 0.00	39.98 -1.75 0.00	41.54 -1.69 0.00	39.53 -1.56 0.00	39.31 -1.17 0.00	38.26 -1.68 0.00	39.40 -1.77 0.00	40.06 -1.84 0.00	42.50 -2.05 0.00	48.16 -2.86 0.00	51.91 -1.88 0.00	53.64 -1.77 0.00	55.10 -1.07 0.00	44.72 -1.15 0.00	37.88 -1.25 0.00	34.80 -0.17 0.00
SYRACUSE___ENERGY_ST1 323597	32.88 -0.03 0.00	29.83 -0.24 0.00	27.63 -0.28 -0.04	28.29 -0.29 0.00	28.62 -0.26 0.00	32.03 -0.19 0.00	41.25 -0.17 0.00	44.11 -0.22 0.00	44.66 -0.22 0.00	41.56 -0.17 0.00	43.01 -0.22 0.00	40.89 -0.21 0.00	40.29 -0.20 0.00	39.66 -0.28 0.00	40.88 -0.29 0.00	41.61 -0.29 0.00	44.19 -0.36 0.00	50.60 -0.41 0.00	53.58 -0.22 0.00	55.14 -0.28 0.00	56.06 -0.11 0.00	45.64 -0.23 0.00	38.82 -0.31 0.00	34.77 -0.21 0.00
SYRACUSE___ENERGY_ST2 323598	32.88 -0.03 0.00	29.83 -0.24 0.00	27.63 -0.28 -0.04	28.29 -0.29 0.00	28.62 -0.26 0.00	32.03 -0.19 0.00	41.25 -0.17 0.00	44.11 -0.22 0.00	44.66 -0.22 0.00	41.56 -0.17 0.00	43.01 -0.22 0.00	40.89 -0.21 0.00	40.29 -0.20 0.00	39.66 -0.28 0.00	40.88 -0.29 0.00	41.61 -0.29 0.00	44.19 -0.36 0.00	50.60 -0.41 0.00	53.58 -0.22 0.00	55.14 -0.28 0.00	56.06 -0.11 0.00	45.64 -0.23 0.00	38.82 -0.31 0.00	34.77 -0.21 0.00
SYRACUSE___POWER 24017	32.95 0.03 0.00	29.89 -0.18 0.00	27.69 -0.22 -0.05	28.34 -0.23 0.00	28.71 -0.17 0.00	32.10 -0.13 0.00	41.34 -0.08 0.00	44.20 -0.13 0.00	44.80 -0.09 0.00	41.69 -0.04 0.00	43.14 -0.09 0.00	41.01 -0.08 0.00	40.41 -0.08 0.00	39.78 -0.16 0.00	41.00 -0.16 0.00	41.73 -0.17 0.00	44.28 -0.27 0.00	50.71 -0.31 0.00	53.69 -0.11 0.00	55.25 -0.17 0.00	56.17 0.00 0.00	45.78 -0.09 0.00	38.90 -0.23 0.00	34.84 -0.14 0.00
TALLMAN__138KV_BK151 55660	34.83 1.91 0.00	31.90 1.83 0.00	30.04 1.73 -0.45	30.32 1.74 0.00	30.62 1.73 0.00	34.06 1.84 0.00	43.91 2.49 0.00	47.30 2.97 0.00	48.03 3.14 0.00	44.69 2.96 0.00	46.17 2.94 0.00	43.89 2.79 0.00	43.16 2.67 0.00	42.62 2.68 0.00	43.97 2.80 0.00	44.67 2.77 0.00	47.40 2.85 0.00	54.53 3.52 0.00	57.13 3.34 0.00	58.68 3.27 0.00	59.43 3.26 0.00	48.44 2.57 0.00	41.41 2.27 0.00	36.94 1.96 0.00
TEALLAVE_115KV_TB7 355573	32.85 -0.07 0.00	29.80 -0.27 0.00	27.60 -0.31 -0.04	28.26 -0.31 0.00	28.59 -0.29 0.00	31.97 -0.26 0.00	41.17 -0.25 0.00	44.02 -0.31 0.00	44.57 -0.31 0.00	41.48 -0.25 0.00	42.97 -0.26 0.00	40.85 -0.25 0.00	40.25 -0.24 0.00	39.62 -0.32 0.00	40.84 -0.33 0.00	41.56 -0.34 0.00	44.10 -0.45 0.00	50.50 -0.51 0.00	53.42 -0.38 0.00	55.02 -0.39 0.00	55.89 -0.28 0.00	45.55 -0.32 0.00	38.75 -0.39 0.00	34.73 -0.24 0.00
TELGRAPH_34_KV_EAST 80808	32.62 -0.30 0.00	28.66 -1.41 0.00	26.62 -1.31 -0.07	27.26 -1.31 0.00	27.58 -1.30 0.00	30.87 -1.35 0.00	39.60 -1.82 0.00	41.76 -2.57 0.00	42.24 -2.65 0.00	39.27 -2.46 0.00	40.89 -2.33 0.00	38.92 -2.18 0.00	38.75 -1.74 0.00	37.66 -2.28 0.00	38.78 -2.39 0.00	39.43 -2.47 0.00	41.78 -2.76 0.00	47.24 -3.77 0.00	50.94 -2.85 0.00	52.53 -2.88 0.00	53.98 -2.19 0.00	43.85 -2.02 0.00	37.22 -1.92 0.00	34.31 -0.66 0.00
TEMPLE___115KV_TB 2 55572	32.88 -0.03 0.00	29.83 -0.24 0.00	27.63 -0.28 -0.04	28.29 -0.29 0.00	28.62 -0.26 0.00	32.00 -0.23 0.00	41.21 -0.21 0.00	44.06 -0.27 0.00	44.62 -0.27 0.00	41.52 -0.21 0.00	43.01 -0.22 0.00	40.89 -0.21 0.00	40.33 -0.16 0.00	39.66 -0.28 0.00	40.88 -0.29 0.00	41.61 -0.29 0.00	44.19 -0.36 0.00	50.55 -0.46 0.00	53.47 -0.32 0.00	55.08 -0.33 0.00	55.94 -0.22 0.00	45.59 -0.28 0.00	38.78 -0.35 0.00	34.77 -0.21 0.00
TIANA____69_KV_BK 1 55817	36.35 3.42 -0.01	33.02 2.95 0.00	31.20 2.87 -0.47	31.46 2.89 0.00	31.83 2.95 0.00	35.45 3.22 0.00	45.19 3.77 0.00	48.59 4.26 0.00	49.51 4.62 0.00	46.22 4.47 -0.02	48.59 3.98 -1.39	48.01 3.70 -3.22	47.43 3.60 -3.34	45.74 3.63 -2.17	47.21 3.83 -2.21	47.90 3.81 -2.18	50.14 3.96 -1.63	57.72 4.85 -1.86	60.22 4.68 -1.75	61.43 4.77 -1.25	62.12 4.77 -1.17	51.40 3.94 -1.59	43.03 3.76 -0.14	38.62 3.50 -0.15

TILDEN___115KV_TB1 80814	32.95 0.03 0.00	29.89 -0.18 0.00	27.69 -0.22 -0.05	28.34 -0.23 0.00	28.71 -0.17 0.00	32.10 -0.13 0.00	41.34 -0.08 0.00	44.20 -0.13 0.00	44.80 -0.09 0.00	41.69 -0.04 0.00	43.14 -0.09 0.00	41.01 -0.08 0.00	40.41 -0.08 0.00	39.78 -0.16 0.00	41.00 -0.16 0.00	41.73 -0.17 0.00	44.28 -0.27 0.00	50.71 -0.31 0.00	53.69 -0.11 0.00	55.25 -0.17 0.00	56.17 0.00 0.00	45.78 -0.09 0.00	38.90 -0.23 0.00	34.84 -0.14 0.00
TRIGEN___CC 323695	35.73 2.80 -0.02	32.57 2.50 0.00	30.70 2.37 -0.47	30.94 2.37 0.00	31.28 2.40 0.00	34.84 2.61 0.00	44.65 3.23 0.00	48.05 3.72 0.00	48.84 3.95 0.00	45.67 3.80 -0.15	56.81 3.46 -10.13	67.93 3.33 -23.51	68.10 3.24 -24.38	58.98 3.24 -15.80	60.61 3.29 -16.15	61.05 3.23 -15.92	59.81 3.39 -11.88	68.52 3.93 -13.58	70.29 3.77 -12.73	68.22 3.71 -9.10	68.53 3.82 -8.54	60.58 3.12 -11.59	43.06 2.97 -0.95	38.72 2.73 -1.01
TRINITY___115KV___4 BK 55933	33.84 0.92 0.00	31.00 0.93 0.00	29.34 0.89 -0.58	29.52 0.94 0.00	29.78 0.90 0.00	33.19 0.97 0.00	42.62 1.20 0.00	45.75 1.42 0.00	46.23 1.35 0.00	42.98 1.25 0.00	44.39 1.17 0.00	42.25 1.15 0.00	41.58 1.09 0.00	41.10 1.16 0.00	42.36 1.19 0.00	43.07 1.17 0.00	45.75 1.20 0.00	52.34 1.33 0.00	54.87 1.08 0.00	56.63 1.22 0.00	57.24 1.07 0.00	46.79 0.92 0.00	40.12 0.98 0.00	35.71 0.73 0.00
UNION___PROCESSING_DRP 323587	32.78 -0.13 0.00	29.26 -0.81 0.00	27.19 -0.72 -0.06	27.77 -0.80 0.00	28.10 -0.78 0.00	31.45 -0.77 0.00	40.38 -1.04 0.00	42.82 -1.51 0.00	43.41 -1.48 0.00	40.40 -1.34 0.00	41.97 -1.25 0.00	39.95 -1.15 0.00	39.60 -0.89 0.00	38.70 -1.24 0.00	39.89 -1.28 0.00	40.52 -1.38 0.00	42.99 -1.56 0.00	48.87 -2.14 0.00	52.23 -1.56 0.00	53.86 -1.55 0.00	55.10 -1.07 0.00	44.77 -1.10 0.00	38.00 -1.13 0.00	34.56 -0.42 0.00
UPPER HUDSON___HYD 24058	34.79 1.88 0.00	31.78 1.71 0.00	30.13 1.67 -0.60	30.32 1.74 0.00	30.56 1.67 0.00	34.16 1.93 0.00	43.08 1.66 0.00	46.06 1.73 0.00	46.50 1.61 0.00	43.28 1.54 0.00	44.78 1.55 0.00	42.57 1.48 0.00	41.82 1.33 0.00	41.30 1.36 0.00	42.53 1.36 0.00	43.24 1.34 0.00	45.93 1.38 0.00	52.49 1.48 0.00	55.30 1.50 0.00	57.13 1.72 0.00	57.74 1.57 0.00	47.34 1.47 0.00	41.41 2.27 0.00	36.80 1.82 0.00
UPPER RAQUET___HYD 24056	10.51 -2.31 20.10	9.41 -1.86 18.79	8.34 -1.75 17.77	8.72 -1.77 18.08	9.19 -1.76 17.93	15.33 -1.93 14.97	20.07 -2.36 19.00	23.71 -2.62 18.01	31.94 -2.74 10.21	39.10 -2.63 0.00	40.55 -2.68 0.00	38.55 -2.55 0.00	37.86 -2.63 0.00	37.55 -2.40 0.00	38.78 -2.39 0.00	39.55 -2.35 0.00	42.23 -2.32 0.00	48.36 -2.65 0.00	51.21 -2.58 0.00	52.86 -2.55 0.00	53.59 -2.58 0.00	43.85 -2.02 0.00	37.42 -1.72 0.00	33.23 -1.75 0.00
VALLEY44_115KV_TB2 355964	32.59 -0.33 0.00	28.63 -1.44 0.00	26.22 -1.73 -0.09	27.32 -1.26 0.00	27.67 -1.21 0.00	31.00 -1.22 0.00	39.85 -1.57 0.00	42.38 -1.95 0.00	42.78 -2.11 0.00	39.73 -2.00 0.00	41.37 -1.86 0.00	39.41 -1.68 0.00	39.15 -1.34 0.00	38.02 -1.92 0.00	39.19 -1.98 0.00	39.93 -1.97 0.00	42.27 -2.27 0.00	48.00 -3.01 0.00	51.64 -2.15 0.00	53.14 -2.27 0.00	54.60 -1.57 0.00	44.35 -1.51 0.00	37.65 -1.49 0.00	34.52 -0.45 0.00
VALLEY___115KV_TB 1-4 80826	33.32 -0.82 -1.23	30.47 -0.75 -1.15	28.28 -0.67 -1.08	28.99 -0.69 -1.10	29.31 -0.66 -1.10	32.43 -0.71 -0.91	41.67 -0.91 -1.16	44.50 -0.93 -1.10	44.61 -0.90 -0.62	40.90 -0.83 0.00	42.41 -0.82 0.00	40.36 -0.74 0.00	39.76 -0.73 0.00	39.26 -0.68 0.00	40.55 -0.62 0.00	41.27 -0.63 0.00	43.97 -0.58 0.00	50.45 -0.56 0.00	53.26 -0.54 0.00	54.97 -0.44 0.00	55.78 -0.39 0.00	45.59 -0.28 0.00	38.90 -0.23 0.00	34.77 -0.21 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.56 1.65 0.00	31.60 1.53 0.00	29.46 1.39 -0.20	30.06 1.49 0.00	30.47 1.59 0.00	33.97 1.74 0.00	43.70 2.28 0.00	46.90 2.57 0.00	47.58 2.69 0.00	44.15 2.42 0.00	45.69 2.46 0.00	43.36 2.26 0.00	42.55 2.06 0.00	41.94 2.00 0.00	43.31 2.14 0.00	44.04 2.14 0.00	46.86 2.32 0.00	53.92 2.91 0.00	56.70 2.90 0.00	58.52 3.10 0.00	59.48 3.31 0.00	48.53 2.66 0.00	41.21 2.07 0.00	36.83 1.85 0.00
VISCHER___FERRY HYD 24020	34.40 1.48 0.00	31.45 1.38 0.00	29.79 1.34 -0.59	29.94 1.37 0.00	30.21 1.33 0.00	33.71 1.48 0.00	43.24 1.82 0.00	46.37 2.04 0.00	46.91 2.02 0.00	43.61 1.88 0.00	45.08 1.86 0.00	42.86 1.77 0.00	42.19 1.70 0.00	41.66 1.72 0.00	42.94 1.77 0.00	43.66 1.76 0.00	46.37 1.83 0.00	53.10 2.09 0.00	55.73 1.93 0.00	57.57 2.16 0.00	58.13 1.96 0.00	47.57 1.70 0.00	40.82 1.68 0.00	36.27 1.29 0.00
V_A_10_SYNC_DSASP 323832	32.29 -0.63 0.00	28.66 -1.41 0.00	26.67 -1.25 -0.06	27.26 -1.31 0.00	27.58 -1.30 0.00	30.81 -1.42 0.00	39.47 -1.95 0.00	41.67 -2.66 0.00	42.15 -2.74 0.00	39.27 -2.46 0.00	40.85 -2.38 0.00	38.88 -2.22 0.00	38.71 -1.78 0.00	37.67 -2.28 0.00	38.74 -2.43 0.00	39.43 -2.47 0.00	41.87 -2.67 0.00	47.29 -3.72 0.00	50.78 -3.01 0.00	52.53 -2.88 0.00	53.64 -2.53 0.00	43.90 -1.97 0.00	37.06 -2.08 0.00	34.11 -0.87 0.00
V_CMM_10_SYNC_DSASP 323787	6.79 -0.92 25.21	5.81 -0.69 23.57	4.94 -0.64 22.28	5.21 -0.69 22.68	5.73 -0.66 22.49	12.72 -0.74 18.77	16.68 -0.91 23.82	20.68 -1.06 22.58	30.97 -1.12 12.80	40.69 -1.04 0.00	42.28 -0.95 0.00	40.19 -0.90 0.00	39.60 -0.89 0.00	39.14 -0.80 0.00	40.39 -0.78 0.00	41.10 -0.80 0.00	43.88 -0.67 0.00	50.14 -0.87 0.00	53.04 -0.75 0.00	54.64 -0.78 0.00	55.38 -0.79 0.00	45.23 -0.64 0.00	38.67 -0.47 0.00	34.46 -0.52 0.00
V_CMP_10_SYNC_DSASP 323788	6.50 -1.18 25.23	5.49 -0.99 23.59	4.64 -0.92 22.30	4.93 -0.94 22.70	5.45 -0.93 22.51	12.50 -0.94 18.79	16.50 -1.08 23.84	20.58 -1.15 22.60	30.87 -1.21 12.81	40.73 -1.00 0.00	42.36 -0.86 0.00	40.31 -0.78 0.00	39.72 -0.77 0.00	39.34 -0.60 0.00	40.68 -0.49 0.00	41.44 -0.46 0.00	44.32 -0.22 0.00	50.71 -0.30 0.00	53.69 -0.11 0.00	55.30 -0.11 0.00	56.11 -0.06 0.00	45.78 -0.09 0.00	39.14 0.00 0.00	34.87 -0.10 0.00
V_D_10_SYNC_DSASP 323841	7.34 -1.18 24.40	6.33 -0.93 22.81	5.43 -0.86 21.56	5.74 -0.89 21.95	6.25 -0.87 21.76	13.10 -0.97 18.17	17.16 -1.20 23.05	21.15 -1.33 21.85	31.06 -1.44 12.39	40.39 -1.34 0.00	41.93 -1.30 0.00	39.90 -1.19 0.00	39.28 -1.21 0.00	38.82 -1.12 0.00	40.10 -1.07 0.00	40.85 -1.05 0.00	43.57 -0.98 0.00	49.74 -1.27 0.00	52.66 -1.13 0.00	54.25 -1.17 0.00	54.99 -1.18 0.00	44.99 -0.87 0.00	38.43 -0.70 0.00	34.24 -0.74 0.00
V_E_10_SYNC_DSASP 323830	34.50 1.58 0.00	31.43 1.35 0.00	29.15 1.14 -0.15	29.92 1.34 0.00	30.53 1.65 0.00	34.19 1.97 0.00	44.32 2.90 0.00	47.39 3.06 0.00	49.01 4.13 0.00	45.15 3.42 0.00	46.47 3.24 0.00	44.06 2.96 0.00	43.04 2.55 0.00	42.34 2.40 0.00	43.76 2.60 0.00	44.83 2.93 0.00	48.33 3.78 0.00	56.27 5.26 0.00	60.09 6.29 0.00	62.34 6.93 0.00	63.64 7.47 0.00	51.60 5.73 0.00	43.33 4.19 0.00	38.58 3.60 0.00

V_F_30_NSYNC___DSASP 323816	34.73 1.81 0.00	31.75 1.68 0.00	30.08 1.62 -0.60	30.23 1.66 0.00	30.50 1.62 0.00	34.06 1.84 0.00	43.53 2.11 0.00	46.63 2.30 0.00	47.13 2.24 0.00	43.82 2.09 0.00	45.34 2.12 0.00	43.07 1.97 0.00	42.39 1.90 0.00	41.82 1.88 0.00	43.10 1.94 0.00	43.83 1.93 0.00	46.55 2.01 0.00	53.31 2.30 0.00	56.05 2.26 0.00	57.91 2.50 0.00	58.53 2.36 0.00	47.88 2.02 0.00	41.25 2.11 0.00	36.69 1.71 0.00
V_F_30_SYNC_DSASP 323786	33.90 0.99 0.00	31.06 0.99 0.00	29.40 0.95 -0.59	29.57 1.00 0.00	29.84 0.95 0.00	33.26 1.03 0.00	42.70 1.28 0.00	45.88 1.55 0.00	46.37 1.48 0.00	43.11 1.38 0.00	44.52 1.30 0.00	42.37 1.27 0.00	41.70 1.21 0.00	41.22 1.28 0.00	42.49 1.32 0.00	43.20 1.30 0.00	45.88 1.34 0.00	52.49 1.48 0.00	55.03 1.24 0.00	56.80 1.39 0.00	57.35 1.18 0.00	46.92 1.05 0.00	40.23 1.10 0.00	35.82 0.84 0.00
V_XM_10_SYNC_DSASP 323789	6.50 -1.18 25.23	5.49 -0.99 23.59	4.64 -0.92 22.30	4.93 -0.94 22.70	5.45 -0.93 22.51	12.50 -0.94 18.79	16.50 -1.08 23.84	20.58 -1.15 22.60	30.87 -1.21 12.81	40.73 -1.00 0.00	42.36 -0.86 0.00	40.31 -0.78 0.00	39.72 -0.77 0.00	39.34 -0.60 0.00	40.68 -0.49 0.00	41.44 -0.46 0.00	44.32 -0.22 0.00	50.71 -0.30 0.00	53.69 -0.11 0.00	55.30 -0.11 0.00	56.11 -0.06 0.00	45.78 -0.09 0.00	39.14 0.00 0.00	34.87 -0.10 0.00
W.BABYLN_69_KV_BK1 56697	36.35 3.42 -0.01	33.05 2.98 0.00	31.14 2.81 -0.47	31.40 2.83 0.00	31.77 2.89 0.00	35.42 3.19 0.00	45.23 3.81 0.00	48.63 4.30 0.00	49.51 4.62 0.00	46.24 4.47 -0.05	50.30 3.98 -3.09	51.96 3.70 -7.17	51.53 3.60 -7.43	48.40 3.63 -4.82	49.88 3.79 -4.93	50.53 3.77 -4.86	52.13 3.96 -3.62	59.85 4.69 -4.14	62.20 4.52 -3.89	62.79 4.60 -2.78	63.44 4.66 -2.61	53.26 3.85 -3.54	43.19 3.76 -0.30	38.76 3.46 -0.32
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.92 2.01 0.00	31.97 1.89 0.00	30.10 1.78 -0.45	30.37 1.80 0.00	30.67 1.79 0.00	34.13 1.90 0.00	43.99 2.57 0.00	47.43 3.10 0.00	48.16 3.28 0.00	44.77 3.05 0.00	46.30 3.07 0.00	43.97 2.88 0.00	43.24 2.75 0.00	42.74 2.80 0.00	44.09 2.92 0.00	44.75 2.85 0.00	47.53 2.98 0.00	54.63 3.62 0.00	57.24 3.44 0.00	58.85 3.44 0.00	59.59 3.43 0.00	48.53 2.66 0.00	41.52 2.39 0.00	37.01 2.03 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.22 2.30 0.00	32.24 2.17 0.00	30.36 2.03 -0.47	30.63 2.06 0.00	30.91 2.02 0.00	34.39 2.16 0.00	44.40 2.98 0.00	47.97 3.64 0.00	48.70 3.82 0.00	45.26 3.51 -0.02	46.73 3.50 0.00	44.42 3.33 0.00	43.73 3.24 0.00	43.22 3.28 0.00	44.55 3.38 0.00	45.21 3.31 0.00	47.98 3.43 0.00	55.14 4.13 0.00	57.67 3.87 0.00	59.18 3.77 0.00	59.93 3.76 0.00	48.85 2.98 0.00	41.80 2.66 0.00	37.32 2.34 0.00
W50THST__13_KV_LOAD 356117	35.38 2.47 0.00	32.39 2.32 0.00	30.47 2.15 -0.47	30.77 2.20 0.00	31.05 2.17 0.00	34.55 2.32 0.00	44.65 3.23 0.00	48.28 3.95 0.00	49.02 4.13 0.00	45.50 3.76 -0.02	47.07 3.85 0.00	44.71 3.62 0.00	44.01 3.52 0.00	43.46 3.51 0.00	44.83 3.66 0.00	45.50 3.60 0.00	48.29 3.74 0.00	55.50 4.49 0.00	57.94 4.14 0.00	59.46 4.05 0.00	60.21 4.04 0.00	49.08 3.21 0.00	41.96 2.82 0.00	37.50 2.52 0.00
WADING RIVER_IC_1 23522	36.28 3.36 -0.01	32.99 2.92 0.00	31.14 2.81 -0.47	31.40 2.83 0.00	31.77 2.89 0.00	35.35 3.13 0.00	45.52 4.10 0.00	48.45 4.12 0.00	49.33 4.44 0.00	46.01 4.26 -0.02	48.46 3.85 -1.39	47.92 3.62 -3.21	47.34 3.52 -3.33	45.70 3.60 -2.16	47.12 3.75 -2.21	47.72 3.64 -2.17	49.95 3.78 -1.62	57.66 4.79 -1.86	60.16 4.63 -1.74	61.31 4.66 -1.25	62.00 4.66 -1.17	51.26 3.80 -1.58	42.95 3.68 -0.14	38.56 3.43 -0.15
WADING RIVER_IC_2 23547	36.28 3.36 -0.01	32.99 2.92 0.00	31.14 2.81 -0.47	31.40 2.83 0.00	31.77 2.89 0.00	35.35 3.13 0.00	45.52 4.10 0.00	48.45 4.12 0.00	49.33 4.44 0.00	46.01 4.26 -0.02	48.46 3.85 -1.39	47.92 3.62 -3.21	47.34 3.52 -3.33	45.70 3.60 -2.16	47.12 3.75 -2.21	47.72 3.64 -2.17	49.95 3.78 -1.62	57.66 4.79 -1.86	60.16 4.63 -1.74	61.31 4.66 -1.25	62.00 4.66 -1.17	51.26 3.80 -1.58	42.95 3.68 -0.14	38.56 3.43 -0.15
WADING RIVER_IC_3 23601	36.28 3.36 -0.01	32.99 2.92 0.00	31.14 2.81 -0.47	31.40 2.83 0.00	31.77 2.89 0.00	35.35 3.13 0.00	45.52 4.10 0.00	48.45 4.12 0.00	49.33 4.44 0.00	46.01 4.26 -0.02	48.46 3.85 -1.39	47.92 3.62 -3.21	47.34 3.52 -3.33	45.70 3.60 -2.16	47.12 3.75 -2.21	47.72 3.64 -2.17	49.95 3.78 -1.62	57.66 4.79 -1.86	60.16 4.63 -1.74	61.31 4.66 -1.25	62.00 4.66 -1.17	51.26 3.80 -1.58	42.95 3.68 -0.14	38.56 3.43 -0.15
WALDENNY_12_KV_BK2 80841	32.75 -0.16 0.00	28.66 -1.41 0.00	26.55 -1.39 -0.08	27.32 -1.26 0.00	27.64 -1.24 0.00	30.94 -1.29 0.00	39.72 -1.70 0.00	41.98 -2.35 0.00	42.46 -2.42 0.00	39.44 -2.30 0.00	41.11 -2.12 0.00	39.16 -1.93 0.00	39.03 -1.46 0.00	37.90 -2.04 0.00	39.03 -2.14 0.00	39.68 -2.22 0.00	42.01 -2.54 0.00	47.49 -3.52 0.00	51.21 -2.58 0.00	52.70 -2.72 0.00	54.15 -2.02 0.00	44.03 -1.83 0.00	37.42 -1.72 0.00	34.56 -0.42 0.00
WALDEN__HYDRO 24148	34.79 1.88 0.00	31.84 1.77 0.00	29.99 1.67 -0.45	30.26 1.69 0.00	30.56 1.68 0.00	34.03 1.80 0.00	43.82 2.40 0.00	47.17 2.84 0.00	47.89 3.01 0.00	44.48 2.75 0.00	45.95 2.72 0.00	43.64 2.55 0.00	42.92 2.43 0.00	42.38 2.44 0.00	43.72 2.55 0.00	44.41 2.51 0.00	47.17 2.63 0.00	54.28 3.26 0.00	56.91 3.12 0.00	58.52 3.10 0.00	59.20 3.03 0.00	48.30 2.43 0.00	41.29 2.15 0.00	36.80 1.82 0.00
WARRENSBURG____ 23737	34.79 1.88 0.00	31.78 1.71 0.00	30.13 1.67 -0.60	30.32 1.74 0.00	30.56 1.68 0.00	34.16 1.93 0.00	44.11 2.69 0.00	46.19 1.86 0.00	46.50 1.62 0.00	43.27 1.54 0.00	44.78 1.56 0.00	42.58 1.48 0.00	41.82 1.34 0.00	41.30 1.36 0.00	42.53 1.36 0.00	43.24 1.34 0.00	45.88 1.34 0.00	52.49 1.48 0.00	55.30 1.51 0.00	57.19 1.77 0.00	57.74 1.57 0.00	47.38 1.51 0.00	41.37 2.23 0.00	36.80 1.82 0.00
WATERSIDE____6 8 9 23538	35.22 2.30 0.00	32.29 2.23 0.00	30.42 2.09 -0.47	30.69 2.11 0.00	30.96 2.08 0.00	34.42 2.19 0.00	44.40 2.98 0.00	48.01 3.68 0.00	48.75 3.86 0.00	45.23 3.63 0.13	46.81 3.59 0.00	43.62 3.49 0.97	43.36 3.36 0.49	42.62 3.40 0.72	44.25 3.50 0.42	44.56 3.48 0.81	47.84 3.61 0.31	54.61 4.29 0.69	57.82 4.03 0.01	59.28 3.88 0.01	58.47 3.88 1.58	48.81 3.07 0.13	40.94 2.62 0.82	37.28 2.31 0.00
WATKINRD_115KV_LN8_ILLION 55919	33.68 -0.46 -1.23	30.83 -0.39 -1.15	28.58 -0.36 -1.08	29.31 -0.37 -1.10	29.63 -0.35 -1.10	32.76 -0.39 -0.91	42.08 -0.50 -1.16	44.94 -0.49 -1.10	45.06 -0.45 -0.62	41.31 -0.42 0.00	42.79 -0.43 0.00	40.68 -0.41 0.00	40.08 -0.40 0.00	39.58 -0.36 0.00	40.84 -0.33 0.00	41.56 -0.34 0.00	44.28 -0.27 0.00	50.76 -0.26 0.00	53.58 -0.22 0.00	55.25 -0.17 0.00	56.00 -0.17 0.00	45.78 -0.09 0.00	39.02 -0.12 0.00	34.87 -0.10 0.00

WDELAWARE___HYD 323627	34.86 1.94 0.00	31.94 1.87 0.00	30.02 1.73 -0.43	30.32 1.74 0.00	30.62 1.73 0.00	34.13 1.90 0.00	44.03 2.61 0.00	47.30 2.97 0.00	48.03 3.14 0.00	44.53 2.80 0.00	46.00 2.77 0.00	43.60 2.51 0.00	42.84 2.35 0.00	42.30 2.36 0.00	43.64 2.47 0.00	44.33 2.43 0.00	47.13 2.58 0.00	54.33 3.31 0.00	57.08 3.28 0.00	58.68 3.27 0.00	59.37 3.20 0.00	48.34 2.48 0.00	41.33 2.19 0.00	36.87 1.89 0.00
WEST BABYLON___IC 23714	36.35 3.42 -0.01	33.05 2.98 0.00	31.14 2.81 -0.47	31.40 2.83 0.00	31.77 2.89 0.00	35.42 3.19 0.00	45.23 3.81 0.00	48.63 4.30 0.00	49.51 4.62 0.00	46.24 4.47 -0.05	50.30 3.98 -3.09	51.96 3.70 -7.17	51.53 3.60 -7.43	48.40 3.63 -4.82	49.88 3.79 -4.93	50.53 3.77 -4.86	52.13 3.96 -3.62	59.85 4.69 -4.14	62.20 4.52 -3.89	62.79 4.60 -2.78	63.44 4.66 -2.61	53.26 3.85 -3.54	43.19 3.76 -0.30	38.76 3.46 -0.32
WEST CANADA___HYD 24049	34.24 0.10 -1.23	31.31 0.09 -1.15	29.03 0.08 -1.08	29.76 0.09 -1.10	30.07 0.09 -1.10	33.24 0.10 -0.91	42.70 0.12 -1.16	45.56 0.13 -1.10	45.69 0.18 -0.62	41.86 0.13 0.00	43.36 0.13 0.00	41.22 0.12 0.00	40.61 0.12 0.00	40.06 0.12 0.00	41.29 0.12 0.00	42.03 0.13 0.00	44.68 0.13 0.00	51.22 0.20 0.00	53.96 0.16 0.00	55.58 0.17 0.00	56.34 0.17 0.00	46.01 0.14 0.00	39.25 0.12 0.00	35.08 0.11 0.00
WESTERN_NY_WIND 24143	33.11 0.20 0.00	29.08 -0.99 0.00	26.98 -0.95 -0.07	27.63 -0.94 0.00	27.96 -0.92 0.00	31.33 -0.90 0.00	40.26 -1.16 0.00	42.51 -1.82 0.00	42.96 -1.93 0.00	39.89 -1.84 0.00	41.50 -1.73 0.00	39.49 -1.60 0.00	39.27 -1.21 0.00	38.18 -1.76 0.00	39.36 -1.81 0.00	39.97 -1.93 0.00	42.41 -2.14 0.00	48.05 -2.96 0.00	51.80 -1.99 0.00	53.53 -1.88 0.00	54.99 -1.18 0.00	44.63 -1.24 0.00	37.85 -1.29 0.00	34.77 -0.21 0.00
WESTOVER___LESR 323668	33.38 0.46 0.00	30.22 0.15 0.00	28.07 0.06 -0.16	28.72 0.14 0.00	29.09 0.20 0.00	32.49 0.26 0.00	41.83 0.41 0.00	44.73 0.40 0.00	45.20 0.31 0.00	42.02 0.29 0.00	43.53 0.30 0.00	41.38 0.29 0.00	40.85 0.36 0.00	40.14 0.20 0.00	41.38 0.21 0.00	42.07 0.17 0.00	44.68 0.13 0.00	51.17 0.15 0.00	54.23 0.43 0.00	55.86 0.44 0.00	56.84 0.67 0.00	46.33 0.46 0.00	39.37 0.23 0.00	35.40 0.42 0.00
WETHRSFD_WT_PWR 323626	32.46 -0.46 0.00	28.69 -1.38 0.00	26.67 -1.28 -0.09	27.37 -1.20 0.00	27.76 -1.13 0.00	31.10 -1.13 0.00	40.05 -1.37 0.00	42.51 -1.82 0.00	42.91 -1.97 0.00	39.81 -1.92 0.00	41.37 -1.86 0.00	39.33 -1.77 0.00	39.07 -1.42 0.00	38.06 -1.88 0.00	39.19 -1.98 0.00	39.93 -1.97 0.00	42.36 -2.18 0.00	48.16 -2.86 0.00	51.81 -1.99 0.00	53.64 -1.78 0.00	54.82 -1.35 0.00	44.81 -1.05 0.00	37.85 -1.29 0.00	34.70 -0.28 0.00
WHAVSTOR_138KV_BK127 55557	34.86 1.94 0.00	31.93 1.86 0.00	30.07 1.76 -0.45	30.34 1.77 0.00	30.65 1.76 0.00	34.10 1.87 0.00	43.95 2.53 0.00	47.34 3.01 0.00	48.07 3.19 0.00	44.69 2.96 0.00	46.17 2.94 0.00	43.89 2.79 0.00	43.20 2.71 0.00	42.66 2.72 0.00	44.01 2.84 0.00	44.71 2.81 0.00	47.44 2.90 0.00	54.58 3.57 0.00	57.18 3.39 0.00	58.74 3.32 0.00	59.48 3.31 0.00	48.48 2.61 0.00	41.45 2.31 0.00	36.97 1.99 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.86 1.94 0.00	31.93 1.86 0.00	30.07 1.76 -0.45	30.34 1.77 0.00	30.65 1.76 0.00	34.10 1.87 0.00	43.95 2.53 0.00	47.34 3.01 0.00	48.07 3.19 0.00	44.69 2.96 0.00	46.17 2.94 0.00	43.89 2.79 0.00	43.20 2.71 0.00	42.66 2.72 0.00	44.01 2.84 0.00	44.71 2.81 0.00	47.44 2.90 0.00	54.58 3.57 0.00	57.18 3.39 0.00	58.74 3.32 0.00	59.48 3.31 0.00	48.48 2.61 0.00	41.45 2.31 0.00	36.97 1.99 0.00
WHITEHAL_115KV_TB1 80871	35.19 2.27 0.00	32.15 2.07 0.00	30.47 2.01 -0.60	30.69 2.11 0.00	30.91 2.02 0.00	34.61 2.38 0.00	44.82 3.40 0.00	47.03 2.70 0.00	47.18 2.29 0.00	43.82 2.09 0.00	45.30 2.07 0.00	43.11 2.01 0.00	42.35 1.86 0.00	41.78 1.84 0.00	42.98 1.81 0.00	43.74 1.84 0.00	46.51 1.96 0.00	53.21 2.19 0.00	56.22 2.42 0.00	58.13 2.72 0.00	58.75 2.58 0.00	48.16 2.29 0.00	41.92 2.78 0.00	37.25 2.27 0.00
WHITEPLN_13_KV_LOAD 356215	35.15 2.24 0.00	32.21 2.14 0.00	30.36 2.03 -0.47	30.60 2.03 0.00	30.88 1.99 0.00	34.35 2.13 0.00	44.36 2.94 0.00	47.88 3.55 0.00	48.66 3.77 0.00	45.27 3.55 0.01	46.73 3.50 0.00	44.47 3.37 0.00	43.85 3.36 0.00	43.30 3.36 0.00	44.63 3.46 0.00	45.29 3.39 0.00	48.11 3.56 0.00	55.35 4.34 0.00	57.94 4.14 0.00	59.51 4.10 0.00	60.27 4.10 0.00	49.08 3.21 0.00	41.96 2.82 0.00	37.36 2.38 0.00
WM_FLOYD_69_KV_BK2 356380	36.28 3.36 -0.01	32.96 2.89 0.00	31.14 2.81 -0.47	31.37 2.80 0.00	31.74 2.86 0.00	35.35 3.13 0.00	45.07 3.64 0.00	48.41 4.08 0.00	49.33 4.44 0.00	46.05 4.30 -0.02	48.49 3.85 -1.42	47.95 3.58 -3.28	47.37 3.48 -3.40	45.70 3.55 -2.20	47.13 3.71 -2.25	47.85 3.73 -2.22	50.08 3.88 -1.66	57.60 4.69 -1.90	60.15 4.57 -1.78	61.34 4.65 -1.27	61.97 4.61 -1.19	51.29 3.81 -1.62	43.00 3.72 -0.14	38.56 3.43 -0.15
WOODARD___115KV_TB2 355635	32.75 -0.16 0.00	29.71 -0.36 0.00	27.54 -0.36 -0.04	28.20 -0.37 0.00	28.54 -0.35 0.00	31.91 -0.32 0.00	41.09 -0.33 0.00	43.89 -0.44 0.00	44.44 -0.45 0.00	41.35 -0.38 0.00	42.84 -0.39 0.00	40.73 -0.37 0.00	40.12 -0.36 0.00	39.50 -0.44 0.00	40.72 -0.45 0.00	41.44 -0.46 0.00	44.01 -0.53 0.00	50.35 -0.66 0.00	53.31 -0.48 0.00	54.86 -0.55 0.00	55.72 -0.45 0.00	45.41 -0.46 0.00	38.63 -0.51 0.00	34.63 -0.35 0.00
WOODMERE_69_KV_BK1 55827	36.19 3.26 -0.01	32.93 2.86 0.00	31.01 2.67 -0.47	31.26 2.69 0.00	31.60 2.72 0.00	35.26 3.03 0.00	45.15 3.73 0.00	48.67 4.34 0.00	49.42 4.53 0.00	46.47 4.34 -0.40	73.46 3.98 -26.26	105.90 3.82 -60.99	107.45 3.72 -63.23	84.64 3.71 -40.98	86.88 3.83 -41.88	86.92 3.73 -41.29	79.22 3.88 -30.80	90.82 4.59 -35.21	91.22 4.41 -33.01	83.37 4.38 -23.58	82.86 4.55 -22.14	79.59 3.67 -30.05	44.96 3.48 -2.34	40.61 3.15 -2.48
YORK___WARBASSE 23770	35.44 2.50 -0.02	32.50 2.41 -0.02	30.62 2.28 -0.48	30.90 2.31 -0.01	31.17 2.28 -0.01	34.65 2.42 -0.01	44.59 3.15 -0.02	48.24 3.90 -0.01	48.94 4.04 -0.01	46.59 3.76 -1.10	47.01 3.76 -0.02	51.66 3.70 -6.86	47.42 3.52 -3.40	48.51 3.55 -5.01	47.77 3.66 -2.94	51.28 3.69 -5.69	50.60 3.83 -2.23	60.45 4.54 -4.90	58.21 4.36 -0.06	59.73 4.27 -0.06	71.47 4.27 -11.03	50.09 3.30 -0.92	47.59 2.74 -5.72	37.38 2.38 -0.02