

# Day Ahead Market Generator LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/23/2024

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	24.24	22.05	21.11	21.08	21.81	24.06	31.75	41.00	35.62	29.57	27.30	27.30	27.73	29.13	30.98	35.32	40.20	52.99	60.51	48.47	39.12	33.26	28.60	25.61
24138	1.88	1.67	1.62	1.60	1.63	1.74	2.32	3.04	3.00	2.59	2.53	2.59	2.63	2.74	2.92	3.29	3.52	4.68	5.25	4.04	3.40	2.77	2.41	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	24.29	22.11	21.19	21.20	21.88	24.14	31.75	41.00	35.68	29.62	27.35	27.35	27.81	29.18	31.03	35.41	40.24	53.04	60.56	48.51	39.19	33.38	28.71	25.68
24260	1.92	1.73	1.70	1.71	1.70	1.83	2.32	3.04	3.07	2.64	2.58	2.64	2.71	2.80	2.97	3.38	3.56	4.73	5.30	4.09	3.47	2.90	2.51	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	24.29	22.11	21.19	21.20	21.88	24.14	31.75	41.00	35.68	29.62	27.35	27.35	27.81	29.18	31.03	35.41	40.24	53.04	60.56	48.51	39.19	33.38	28.71	25.68
24261	1.92	1.73	1.70	1.71	1.70	1.83	2.32	3.04	3.07	2.64	2.58	2.64	2.71	2.80	2.97	3.38	3.56	4.73	5.30	4.09	3.47	2.90	2.51	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	23.60	21.54	20.52	20.49	21.23	23.54	31.20	40.35	34.80	28.54	26.03	25.96	26.55	27.78	29.38	33.66	38.81	51.59	59.13	47.40	38.09	32.41	27.74	25.33
24011	1.23	1.16	1.03	1.01	1.05	1.23	1.77	2.39	2.19	1.56	1.26	1.26	1.46	1.40	1.32	1.69	2.13	3.28	3.87	2.98	2.36	1.92	1.55	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23.64	21.58	20.58	20.51	21.29	23.59	31.34	40.50	34.93	28.63	26.08	26.01	26.63	27.84	29.41	33.75	38.92	51.79	59.40	47.58	38.26	32.50	27.79	24.89
23798	1.27	1.20	1.09	1.03	1.11	1.27	1.91	2.54	2.32	1.65	1.31	1.31	1.53	1.45	1.35	1.79	2.24	3.48	4.15	3.15	2.54	2.01	1.60	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	23.60	21.54	20.52	20.49	21.23	23.54	31.20	40.35	34.80	28.54	26.03	25.96	26.55	27.78	29.38	33.66	38.81	51.59	59.13	47.40	38.09	32.41	27.74	25.33
24028	1.23	1.16	1.03	1.01	1.05	1.23	1.77	2.39	2.19	1.56	1.26	1.26	1.46	1.40	1.32	1.69	2.13	3.28	3.87	2.98	2.36	1.92	1.55	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	23.95	21.80	20.87	20.82	21.57	23.85	31.52	41.11	35.52	29.14	26.73	26.70	27.13	28.39	30.22	34.58	39.91	52.75	60.17	48.07	38.80	32.93	28.40	25.26
23527	1.59	1.43	1.38	1.34	1.39	1.54	2.09	3.15	2.90	2.16	1.96	2.00	2.03	2.00	2.16	2.59	3.23	4.44	4.92	3.64	3.07	2.44	2.20	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	22.99	20.99	20.11	20.10	20.75	22.94	30.28	39.25	33.86	27.87	25.56	25.52	25.98	27.23	28.99	33.19	38.11	50.34	57.58	46.11	37.16	31.59	27.14	24.23
24190	0.63	0.61	0.62	0.62	0.57	0.62	0.85	1.29	1.24	0.89	0.79	0.82	0.88	0.84	0.93	1.18	1.43	2.03	2.32	1.69	1.43	1.10	0.94	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	22.01	20.06	19.17	17.97	19.94	22.11	29.17	37.66	32.23	26.58	24.45	24.36	24.87	26.12	27.78	31.61	36.42	48.02	54.71	43.80	35.26	30.03	25.80	23.20
355683	-0.36	-0.31	-0.31	-0.29	-0.24	-0.20	-0.26	-0.30	-0.39	-0.40	-0.32	-0.35	-0.23	-0.26	-0.28	-0.32	-0.26	-0.29	-0.55	-0.62	-0.46	-0.46	-0.39	-0.26
	0.00	0.01	0.01	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	23.37	21.31	20.43	20.38	21.09	23.30	30.81	39.82	34.28	28.06	25.61	25.52	25.98	27.20	29.04	33.42	38.51	51.06	58.46	46.91	37.80	32.07	27.53	24.61
323833	1.01	0.94	0.94	0.90	0.91	0.98	1.38	1.86	1.66	1.08	0.84	0.81	0.88	0.82	0.98	1.40	1.83	2.75	3.20	2.49	2.07	1.58	1.34	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	23.37	21.31	20.43	20.38	21.07	23.30	30.81	39.82	34.25	28.06	25.61	25.52	25.98	27.20	29.04	33.39	38.51	51.06	58.46	46.91	37.80	32.04	27.53	24.61
323834	1.01	0.94	0.94	0.90	0.89	0.98	1.38	1.86	1.63	1.08	0.84	0.81	0.88	0.82	0.98	1.37	1.83	2.75	3.20	2.49	2.07	1.55	1.34	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	22.99	20.99	20.11	20.10	20.75	22.94	30.28	39.25	33.86	27.87	25.56	25.52	25.98	27.23	28.99	33.19	38.11	50.34	57.58	46.11	37.16	31.59	27.14	24.23
23571	0.63	0.61	0.62	0.62	0.57	0.62	0.85	1.29	1.24	0.89	0.79	0.82	0.88	0.84	0.93	1.18	1.43	2.03	2.32	1.69	1.43	1.10	0.94	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



ALBANY___2 23572	22.99 0.63 0.00	20.99 0.61 0.00	20.11 0.62 0.00	20.10 0.62 0.00	20.75 0.57 0.00	22.94 0.62 0.00	30.28 0.85 0.00	39.25 1.29 0.00	33.86 1.24 0.00	27.87 0.89 0.00	25.56 0.79 0.00	25.52 0.82 0.00	25.98 0.88 0.00	27.23 0.84 0.00	28.99 0.93 0.00	33.19 1.18 -0.08	38.11 1.43 0.00	50.34 2.03 0.00	57.58 2.32 0.00	46.11 1.69 0.00	37.16 1.43 0.00	31.59 1.10 0.00	27.14 0.94 0.00	24.23 0.77 0.00
ALBANY___3 23573	22.99 0.63 0.00	20.99 0.61 0.00	20.11 0.62 0.00	20.10 0.62 0.00	20.75 0.57 0.00	22.94 0.62 0.00	30.28 0.85 0.00	39.25 1.29 0.00	33.86 1.24 0.00	27.87 0.89 0.00	25.56 0.79 0.00	25.52 0.82 0.00	25.98 0.88 0.00	27.23 0.84 0.00	28.99 0.93 0.00	33.19 1.18 -0.08	38.11 1.43 0.00	50.34 2.03 0.00	57.58 2.32 0.00	46.11 1.69 0.00	37.16 1.43 0.00	31.59 1.10 0.00	27.14 0.94 0.00	24.23 0.77 0.00
ALBANY___4 23574	22.99 0.63 0.00	20.99 0.61 0.00	20.11 0.62 0.00	20.10 0.62 0.00	20.75 0.57 0.00	22.94 0.62 0.00	30.28 0.85 0.00	39.25 1.29 0.00	33.86 1.24 0.00	27.87 0.89 0.00	25.56 0.79 0.00	25.52 0.82 0.00	25.98 0.88 0.00	27.23 0.84 0.00	28.99 0.93 0.00	33.19 1.18 -0.08	38.11 1.43 0.00	50.34 2.03 0.00	57.58 2.32 0.00	46.11 1.69 0.00	37.16 1.43 0.00	31.59 1.10 0.00	27.14 0.94 0.00	24.23 0.77 0.00
ALBANY___LFGE 323615	23.19 0.83 0.00	21.15 0.77 0.00	20.29 0.80 0.00	20.24 0.76 0.00	20.93 0.75 0.00	23.12 0.80 0.00	30.58 1.15 0.00	39.59 1.63 0.00	34.18 1.57 0.00	28.14 1.16 0.00	25.79 1.02 0.00	25.74 1.04 0.00	26.23 1.13 0.00	27.47 1.08 0.00	29.27 1.21 0.00	33.49 1.50 -0.06	38.48 1.80 0.00	50.87 2.56 0.00	58.13 2.87 0.00	46.60 2.18 0.00	37.55 1.82 0.00	31.86 1.37 0.00	27.38 1.18 0.00	24.44 0.98 0.00
ALCOA_PA_115KV_PL-6C 55860	22.10 -0.27 0.00	20.12 -0.24 0.01	19.25 -0.23 0.01	18.09 -0.21 1.18	20.83 -0.16 -0.81	23.08 -0.11 -0.88	30.38 -0.15 -1.09	39.19 -0.11 -1.34	33.29 -0.29 -0.96	26.66 -0.32 0.00	24.52 -0.25 0.00	24.43 -0.27 0.00	25.66 -0.18 -0.74	27.20 -0.18 -1.00	28.91 -0.20 -1.05	32.84 -0.26 -1.16	36.58 -0.11 -0.01	48.56 -0.10 -0.35	56.75 -0.33 -1.82	43.98 -0.44 0.00	35.37 -0.36 0.00	30.12 -0.37 0.00	25.88 -0.31 0.00	23.27 -0.19 0.00
ALCOA_RYNLDS___DRP 24188	22.10 -0.27 0.00	20.12 -0.24 0.01	19.25 -0.23 0.01	18.09 -0.21 1.18	20.83 -0.16 -0.81	23.08 -0.11 -0.88	30.38 -0.15 -1.09	39.19 -0.11 -1.34	33.29 -0.29 -0.96	26.66 -0.32 0.00	24.52 -0.25 0.00	24.43 -0.27 0.00	25.66 -0.18 -0.74	27.20 -0.18 -1.00	28.91 -0.20 -1.05	32.84 -0.26 -1.16	36.58 -0.11 -0.01	48.56 -0.10 -0.35	56.75 -0.33 -1.82	43.98 -0.44 0.00	35.37 -0.36 0.00	30.12 -0.37 0.00	25.88 -0.31 0.00	23.27 -0.19 0.00
ALCOA___DSASP 323711	22.10 -0.27 0.00	20.12 -0.24 0.01	19.25 -0.23 0.01	18.07 -0.23 1.18	20.83 -0.16 -0.81	23.08 -0.11 -0.88	30.38 -0.15 -1.09	39.19 -0.11 -1.34	33.29 -0.29 -0.96	26.66 -0.32 0.00	24.52 -0.25 0.00	24.43 -0.27 0.00	25.66 -0.17 -0.74	27.20 -0.18 -1.00	28.91 -0.20 -1.05	32.84 -0.26 -1.16	36.58 -0.11 -0.01	48.56 -0.10 -0.35	56.75 -0.33 -1.82	45.49 -0.44 -1.51	35.33 -0.39 0.00	30.12 -0.36 0.00	25.88 -0.31 0.00	23.27 -0.19 0.00
ALLEGHENY___COGEN 23514	22.48 0.11 0.00	20.48 0.10 0.00	19.51 0.02 0.00	19.54 0.06 0.00	20.32 0.14 0.00	22.54 0.22 0.00	29.90 0.47 0.00	38.57 0.61 0.00	32.52 -0.10 0.00	26.98 0.00 0.00	24.55 -0.22 0.00	24.33 -0.37 0.00	24.54 -0.55 0.00	26.10 -0.29 0.00	27.75 -0.31 0.00	31.34 -0.61 -0.02	36.13 -0.55 0.00	45.73 -1.30 1.28	53.56 -0.72 0.98	44.56 0.27 0.13	35.76 0.04 0.00	30.82 0.34 0.00	26.35 0.16 0.00	23.69 0.23 0.00
ALTAMONT_115KV_TB 2 55880	23.26 0.89 0.00	21.21 0.84 0.00	20.29 0.80 0.00	20.28 0.80 0.00	20.97 0.79 0.00	23.19 0.87 0.00	30.58 1.15 0.00	39.59 1.63 0.00	34.15 1.53 0.00	28.14 1.16 0.00	25.84 1.07 0.00	25.79 1.09 0.00	26.23 1.13 0.00	27.49 1.11 0.00	29.27 1.21 0.00	33.48 1.47 -0.09	38.44 1.76 0.00	50.67 2.37 0.00	57.97 2.71 0.00	46.51 2.09 0.00	37.48 1.75 0.00	31.89 1.40 0.00	27.40 1.20 0.00	24.51 1.06 0.00
ALTONA_WT_PWR 323606	21.89 -0.47 0.00	19.88 -0.49 0.01	18.92 -0.57 0.01	17.67 -0.60 1.21	-6.98 -0.59 26.58	-6.95 -0.54 28.73	-6.93 -0.71 35.65	-6.62 -0.84 43.75	0.25 -0.91 31.45	26.22 -0.76 0.00	24.25 -0.52 0.00	23.81 -0.89 0.00	0.22 -0.78 24.10	-7.05 -0.85 32.59	-7.05 -0.90 34.21	-7.05 -0.99 37.99	35.46 -1.03 0.20	35.58 -1.30 11.42	-5.81 -1.66 59.41	-6.21 -1.24 49.39	34.73 -1.00 0.00	29.60 -0.89 0.00	25.38 -0.81 0.00	22.85 -0.61 0.00
AMERICAN_REF_FUEL 24010	20.82 -1.54 0.00	19.05 -1.32 0.00	18.15 -1.34 0.00	18.23 -1.25 0.00	18.91 -1.27 0.00	20.86 -1.45 0.00	27.40 -2.03 0.00	34.77 -3.19 0.00	29.71 -2.90 0.00	25.12 -1.86 0.00	23.13 -1.64 0.00	23.00 -1.70 0.00	23.19 -1.91 0.00	24.62 -1.77 0.00	26.07 -1.99 0.00	29.14 -2.81 -0.02	33.34 -3.34 0.00	41.00 -5.85 1.46	47.73 -6.41 1.12	39.92 -4.35 0.15	32.15 -3.57 0.00	28.02 -2.47 0.00	24.13 -2.07 0.00	21.98 -1.48 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.23 -1.14 0.00	19.40 -0.98 0.00	18.50 -0.99 0.00	18.57 -0.92 0.00	19.29 -0.89 0.00	21.31 -1.00 0.00	28.11 -1.32 0.00	35.76 -2.20 0.00	30.53 -2.09 0.00	25.82 -1.16 0.00	23.85 -0.92 0.00	23.71 -0.99 0.00	23.92 -1.18 0.00	25.54 -0.85 0.00	26.97 -1.09 0.00	29.81 -2.14 -0.02	34.37 -2.31 0.00	42.00 -4.97 1.34	49.26 -4.97 1.02	41.31 -2.98 0.14	33.41 -2.32 0.00	29.06 -1.43 0.00	25.07 -1.13 0.00	22.92 -0.54 0.00
ARTHUR KILL_GT_1 23520	24.54 2.17 -0.01	22.36 1.98 -0.01	21.43 1.93 -0.01	21.38 1.89 -0.01	22.14 1.96 -0.01	24.23 1.92 0.00	31.87 2.44 0.00	39.24 2.47 1.19	35.32 2.71 0.00	29.27 2.29 0.00	27.02 2.25 0.00	27.02 2.32 0.00	27.51 2.41 0.00	28.89 2.51 0.00	30.75 2.69 0.00	35.16 3.13 -0.10	39.61 2.94 0.01	52.31 4.01 0.01	59.67 4.42 0.01	47.79 3.37 0.01	38.79 3.07 0.01	33.32 2.84 0.00	28.87 2.67 0.00	25.93 2.46 -0.01
ARTHUR_KILL_2 23512	24.47 2.10 -0.01	22.32 1.94 -0.01	21.37 1.87 -0.01	21.34 1.85 -0.01	22.08 1.90 -0.01	24.19 1.87 0.00	31.79 2.36 0.00	39.13 2.35 1.19	35.23 2.61 0.00	29.19 2.21 0.00	26.97 2.20 0.00	26.97 2.27 0.00	27.43 2.33 0.00	28.81 2.43 0.00	30.67 2.61 0.00	35.06 3.03 -0.10	39.50 2.82 0.01	52.17 3.87 0.01	59.51 4.26 0.01	47.62 3.20 0.01	38.65 2.93 0.01	33.23 2.75 0.00	28.79 2.59 0.00	25.86 2.39 -0.01
ARTHUR_KILL_3 23513	24.06 1.70 0.00	21.88 1.51 0.00	20.97 1.48 0.00	20.92 1.44 0.00	21.63 1.45 0.00	23.85 1.54 0.00	31.49 2.06 0.00	39.32 2.54 1.18	35.29 2.68 0.00	29.33 2.35 0.00	27.07 2.30 0.00	27.07 2.37 0.00	27.51 2.41 0.00	28.89 2.51 0.00	30.73 2.67 0.00	35.03 3.00 -0.10	39.72 3.04 0.00	52.41 4.10 0.00	59.84 4.58 0.00	47.93 3.51 0.00	38.76 3.04 0.00	32.99 2.50 0.00	28.37 2.17 0.00	25.40 1.95 0.00



ARTHUR_KILL_COGEN 323718	24.54 2.17 -0.01	22.36 1.98 -0.01	21.43 1.93 -0.01	21.38 1.89 -0.01	22.14 1.96 -0.01	24.23 1.92 0.00	31.87 2.44 0.00	39.24 2.47 1.19	35.32 2.71 0.00	29.27 2.29 0.00	27.02 2.25 0.00	27.02 2.32 0.00	27.51 2.41 0.00	28.89 2.51 0.00	30.75 2.69 0.00	35.16 3.13 -0.10	39.61 2.94 0.01	52.31 4.01 0.01	59.67 4.42 0.01	47.79 3.37 0.01	38.79 3.07 0.01	33.32 2.84 0.00	28.87 2.67 0.00	25.93 2.46 -0.01
ASHOKAN____ 23654	23.44 1.07 0.00	21.37 1.00 0.00	20.46 0.97 0.00	20.44 0.95 0.00	21.13 0.95 0.00	23.34 1.03 0.00	30.96 1.53 0.00	40.09 2.12 0.00	34.38 1.76 0.00	28.14 1.16 0.00	25.71 0.94 0.00	25.54 0.84 0.00	26.07 0.98 0.00	27.23 0.84 0.00	29.13 1.07 0.00	34.38 2.36 -0.09	38.70 2.02 0.00	51.40 3.09 0.00	58.85 3.59 0.00	47.22 2.80 0.00	37.98 2.25 0.00	32.16 1.68 0.00	27.58 1.39 0.00	24.65 1.20 0.00
ASTORIA_EAST_ENERGY_CC1 323581	24.34 1.97 -0.01	22.15 1.77 -0.01	21.18 1.68 -0.01	21.13 1.64 -0.01	21.88 1.70 -0.01	23.99 1.67 0.00	31.49 2.06 0.00	40.31 2.35 0.01	35.19 2.58 0.01	29.24 2.27 0.01	26.99 2.23 0.01	26.99 2.30 0.01	27.45 2.36 0.01	28.80 2.43 0.01	30.66 2.61 0.01	34.95 2.94 -0.09	39.54 2.86 0.01	52.17 3.87 0.01	59.56 4.31 0.01	47.70 3.29 0.01	38.65 2.93 0.01	32.99 2.50 0.00	28.50 2.31 0.00	25.71 2.25 0.00
ASTORIA_EAST_ENERGY_CC2 323582	24.34 1.97 -0.01	22.15 1.77 -0.01	21.18 1.68 -0.01	21.13 1.64 -0.01	21.88 1.70 -0.01	23.99 1.67 0.00	31.49 2.06 0.00	40.31 2.35 0.01	35.19 2.58 0.01	29.24 2.27 0.01	26.99 2.23 0.01	26.99 2.30 0.01	27.45 2.36 0.01	28.80 2.43 0.01	30.66 2.61 0.01	34.95 2.94 -0.09	39.54 2.86 0.01	52.17 3.87 0.01	59.56 4.31 0.01	47.70 3.29 0.01	38.65 2.93 0.01	32.99 2.50 0.00	28.50 2.31 0.00	25.71 2.25 0.00
ASTORIA_GT2_1 24094	24.36 1.99 0.00	22.18 1.79 -0.01	21.17 1.68 -0.01	21.18 1.69 -0.01	21.88 1.70 -0.01	24.03 1.72 0.00	31.43 2.00 0.00	40.31 2.35 0.00	35.19 2.58 0.00	29.27 2.29 0.00	27.02 2.25 0.00	27.02 2.32 0.00	27.48 2.38 0.00	28.84 2.45 0.00	30.67 2.61 0.00	34.96 2.94 -0.10	39.58 2.90 0.00	52.17 3.86 0.00	59.57 4.31 0.00	47.71 3.29 0.00	38.66 2.93 0.00	33.05 2.56 0.00	28.53 2.33 0.00	25.71 2.25 0.00
ASTORIA_GT2_2 24095	24.36 1.99 0.00	22.18 1.79 -0.01	21.17 1.68 -0.01	21.18 1.69 -0.01	21.88 1.70 -0.01	24.03 1.72 0.00	31.43 2.00 0.00	40.31 2.35 0.00	35.19 2.58 0.00	29.27 2.29 0.00	27.02 2.25 0.00	27.02 2.32 0.00	27.48 2.38 0.00	28.84 2.45 0.00	30.67 2.61 0.00	34.96 2.94 -0.10	39.58 2.90 0.00	52.17 3.86 0.00	59.57 4.31 0.00	47.71 3.29 0.00	38.66 2.93 0.00	33.05 2.56 0.00	28.53 2.33 0.00	25.71 2.25 0.00
ASTORIA_GT2_3 24096	24.36 1.99 0.00	22.18 1.79 -0.01	21.17 1.68 -0.01	21.18 1.69 -0.01	21.88 1.70 -0.01	24.03 1.72 0.00	31.43 2.00 0.00	40.31 2.35 0.00	35.19 2.58 0.00	29.27 2.29 0.00	27.02 2.25 0.00	27.02 2.32 0.00	27.48 2.38 0.00	28.84 2.45 0.00	30.67 2.61 0.00	34.96 2.94 -0.10	39.58 2.90 0.00	52.17 3.86 0.00	59.57 4.31 0.00	47.71 3.29 0.00	38.66 2.93 0.00	33.05 2.56 0.00	28.53 2.33 0.00	25.71 2.25 0.00
ASTORIA_GT2_4 24097	24.36 1.99 0.00	22.18 1.79 -0.01	21.17 1.68 -0.01	21.18 1.69 -0.01	21.88 1.70 -0.01	24.03 1.72 0.00	31.43 2.00 0.00	40.31 2.35 0.00	35.19 2.58 0.00	29.27 2.29 0.00	27.02 2.25 0.00	27.02 2.32 0.00	27.48 2.38 0.00	28.84 2.45 0.00	30.67 2.61 0.00	34.96 2.94 -0.10	39.58 2.90 0.00	52.17 3.86 0.00	59.57 4.31 0.00	47.71 3.29 0.00	38.66 2.93 0.00	33.05 2.56 0.00	28.53 2.33 0.00	25.71 2.25 0.00
ASTORIA_GT3_1 24098	24.36 1.99 0.00	22.18 1.79 -0.01	21.17 1.68 -0.01	21.18 1.69 -0.01	21.88 1.70 -0.01	24.03 1.72 0.00	31.43 2.00 0.00	40.31 2.35 0.00	35.19 2.58 0.00	29.27 2.29 0.00	27.02 2.25 0.00	27.02 2.32 0.00	27.48 2.38 0.00	28.84 2.45 0.00	30.67 2.61 0.00	34.96 2.94 -0.10	39.58 2.90 0.00	52.17 3.86 0.00	59.57 4.31 0.00	47.71 3.29 0.00	38.66 2.93 0.00	33.05 2.56 0.00	28.53 2.33 0.00	25.71 2.25 0.00
ASTORIA_GT3_2 24099	24.36 1.99 0.00	22.18 1.79 -0.01	21.17 1.68 -0.01	21.18 1.69 -0.01	21.88 1.70 -0.01	24.03 1.72 0.00	31.43 2.00 0.00	40.31 2.35 0.00	35.19 2.58 0.00	29.27 2.29 0.00	27.02 2.25 0.00	27.02 2.32 0.00	27.48 2.38 0.00	28.84 2.45 0.00	30.67 2.61 0.00	34.96 2.94 -0.10	39.58 2.90 0.00	52.17 3.86 0.00	59.57 4.31 0.00	47.71 3.29 0.00	38.66 2.93 0.00	33.05 2.56 0.00	28.53 2.33 0.00	25.71 2.25 0.00
ASTORIA_GT3_3 24100	24.36 1.99 0.00	22.18 1.79 -0.01	21.17 1.68 -0.01	21.18 1.69 -0.01	21.88 1.70 -0.01	24.03 1.72 0.00	31.43 2.00 0.00	40.31 2.35 0.00	35.19 2.58 0.00	29.27 2.29 0.00	27.02 2.25 0.00	27.02 2.32 0.00	27.48 2.38 0.00	28.84 2.45 0.00	30.67 2.61 0.00	34.96 2.94 -0.10	39.58 2.90 0.00	52.17 3.86 0.00	59.57 4.31 0.00	47.71 3.29 0.00	38.66 2.93 0.00	33.05 2.56 0.00	28.53 2.33 0.00	25.71 2.25 0.00
ASTORIA_GT3_4 24101	24.36 1.99 0.00	22.18 1.79 -0.01	21.17 1.68 -0.01	21.18 1.69 -0.01	21.88 1.70 -0.01	24.03 1.72 0.00	31.43 2.00 0.00	40.31 2.35 0.00	35.19 2.58 0.00	29.27 2.29 0.00	27.02 2.25 0.00	27.02 2.32 0.00	27.48 2.38 0.00	28.84 2.45 0.00	30.67 2.61 0.00	34.96 2.94 -0.10	39.58 2.90 0.00	52.17 3.86 0.00	59.57 4.31 0.00	47.71 3.29 0.00	38.66 2.93 0.00	33.05 2.56 0.00	28.53 2.33 0.00	25.71 2.25 0.00
ASTORIA_GT4_1 24102	24.36 1.99 0.00	22.18 1.79 -0.01	21.17 1.68 -0.01	21.18 1.69 -0.01	21.88 1.70 -0.01	24.03 1.72 0.00	31.43 2.00 0.00	40.31 2.35 0.00	35.19 2.58 0.00	29.27 2.29 0.00	27.02 2.25 0.00	27.02 2.32 0.00	27.48 2.38 0.00	28.84 2.45 0.00	30.67 2.61 0.00	34.96 2.94 -0.10	39.58 2.90 0.00	52.17 3.86 0.00	59.57 4.31 0.00	47.71 3.29 0.00	38.66 2.93 0.00	33.05 2.56 0.00	28.53 2.33 0.00	25.71 2.25 0.00
ASTORIA_GT4_2 24103	24.36 1.99 0.00	22.18 1.79 -0.01	21.17 1.68 -0.01	21.18 1.69 -0.01	21.88 1.70 -0.01	24.03 1.72 0.00	31.43 2.00 0.00	40.31 2.35 0.00	35.19 2.58 0.00	29.27 2.29 0.00	27.02 2.25 0.00	27.02 2.32 0.00	27.48 2.38 0.00	28.84 2.45 0.00	30.67 2.61 0.00	34.96 2.94 -0.10	39.58 2.90 0.00	52.17 3.86 0.00	59.57 4.31 0.00	47.71 3.29 0.00	38.66 2.93 0.00	33.05 2.56 0.00	28.53 2.33 0.00	25.71 2.25 0.00
ASTORIA_GT4_3 24104	24.36 1.99 0.00	22.18 1.79 -0.01	21.17 1.68 -0.01	21.18 1.69 -0.01	21.88 1.70 -0.01	24.03 1.72 0.00	31.43 2.00 0.00	40.31 2.35 0.00	35.19 2.58 0.00	29.27 2.29 0.00	27.02 2.25 0.00	27.02 2.32 0.00	27.48 2.38 0.00	28.84 2.45 0.00	30.67 2.61 0.00	34.96 2.94 -0.10	39.58 2.90 0.00	52.17 3.86 0.00	59.57 4.31 0.00	47.71 3.29 0.00	38.66 2.93 0.00	33.05 2.56 0.00	28.53 2.33 0.00	25.71 2.25 0.00



ASTORIA_GT4_4 24105	24.36 1.99 0.00	22.18 1.79 -0.01	21.17 1.68 -0.01	21.18 1.69 -0.01	21.88 1.70 -0.01	24.03 1.72 0.00	31.43 2.00 0.00	40.31 2.35 0.00	35.19 2.58 0.00	29.27 2.29 0.00	27.02 2.25 0.00	27.02 2.32 0.00	27.48 2.38 0.00	28.84 2.45 0.00	30.67 2.61 0.00	34.96 2.94 -0.10	39.58 2.90 0.00	52.17 3.86 0.00	59.57 4.31 0.00	47.71 3.29 0.00	38.66 2.93 0.00	33.05 2.56 0.00	28.53 2.33 0.00	25.71 2.25 0.00
ASTORIA_GT_1 23523	24.39 2.01 -0.01	22.20 1.81 -0.01	21.21 1.72 -0.01	21.17 1.68 -0.01	21.92 1.74 -0.01	24.03 1.72 0.00	31.58 2.15 0.00	40.38 2.43 0.01	35.28 2.68 0.01	29.29 2.32 0.01	27.07 2.30 0.01	27.07 2.37 0.01	27.52 2.43 0.01	28.89 2.51 0.01	30.72 2.67 0.01	35.02 3.00 -0.09	39.64 2.97 0.01	52.26 3.96 0.01	59.72 4.47 0.01	47.84 3.42 0.01	38.72 3.00 0.01	33.08 2.59 0.00	28.58 2.38 0.00	25.76 2.30 0.00
ASTORIA_GT_10 24110	24.29 1.92 0.00	22.11 1.73 -0.01	21.16 1.66 -0.01	21.16 1.68 -0.01	21.86 1.67 -0.01	24.03 1.72 0.00	31.55 2.12 0.00	40.58 2.62 0.00	35.39 2.77 0.00	29.38 2.40 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.80 3.12 0.00	52.46 4.15 0.00	59.84 4.59 0.00	47.93 3.51 0.00	38.80 3.07 0.00	33.17 2.68 0.00	28.55 2.36 0.00	25.61 2.16 0.00
ASTORIA_GT_11 24225	24.29 1.92 0.00	22.11 1.73 -0.01	21.16 1.66 -0.01	21.16 1.68 -0.01	21.86 1.67 -0.01	24.03 1.72 0.00	31.55 2.12 0.00	40.58 2.62 0.00	35.39 2.77 0.00	29.38 2.40 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.80 3.12 0.00	52.46 4.15 0.00	59.84 4.59 0.00	47.93 3.51 0.00	38.80 3.07 0.00	33.17 2.68 0.00	28.55 2.36 0.00	25.61 2.16 0.00
ASTORIA_GT_12 24226	24.29 1.92 0.00	22.11 1.73 -0.01	21.16 1.66 -0.01	21.16 1.68 -0.01	21.86 1.67 -0.01	24.03 1.72 0.00	31.55 2.12 0.00	40.58 2.62 0.00	35.39 2.77 0.00	29.38 2.40 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.80 3.12 0.00	52.46 4.15 0.00	59.84 4.59 0.00	47.93 3.51 0.00	38.80 3.07 0.00	33.17 2.68 0.00	28.55 2.36 0.00	25.61 2.16 0.00
ASTORIA_GT_13 24227	24.29 1.92 0.00	22.11 1.73 -0.01	21.16 1.66 -0.01	21.16 1.68 -0.01	21.86 1.67 -0.01	24.03 1.72 0.00	31.55 2.12 0.00	40.58 2.62 0.00	35.39 2.77 0.00	29.38 2.40 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.80 3.12 0.00	52.46 4.15 0.00	59.84 4.59 0.00	47.93 3.51 0.00	38.80 3.07 0.00	33.17 2.68 0.00	28.55 2.36 0.00	25.61 2.16 0.00
ASTORIA_GT_5 24106	24.38 2.01 0.00	22.22 1.83 -0.01	21.21 1.72 -0.01	21.20 1.71 -0.01	21.92 1.74 -0.01	24.06 1.74 0.00	31.49 2.06 0.00	40.39 2.43 0.00	35.29 2.67 0.00	29.33 2.35 0.00	27.07 2.30 0.00	27.07 2.37 0.00	27.53 2.43 0.00	28.89 2.51 0.00	30.73 2.67 0.00	35.03 3.00 -0.10	39.65 2.97 0.00	52.27 3.96 0.00	59.73 4.48 0.00	47.84 3.42 0.00	38.73 3.00 0.00	33.11 2.62 0.00	28.58 2.38 0.00	25.73 2.28 0.00
ASTORIA_GT_7 24107	24.38 2.01 0.00	22.22 1.83 -0.01	21.21 1.72 -0.01	21.20 1.71 -0.01	21.92 1.74 -0.01	24.06 1.74 0.00	31.49 2.06 0.00	40.39 2.43 0.00	35.29 2.67 0.00	29.33 2.35 0.00	27.07 2.30 0.00	27.07 2.37 0.00	27.53 2.43 0.00	28.89 2.51 0.00	30.73 2.67 0.00	35.03 3.00 -0.10	39.65 2.97 0.00	52.27 3.96 0.00	59.73 4.48 0.00	47.84 3.42 0.00	38.73 3.00 0.00	33.11 2.62 0.00	28.58 2.38 0.00	25.73 2.28 0.00
ASTORIA_GT_8 24108	24.38 2.01 0.00	22.22 1.83 -0.01	21.21 1.72 -0.01	21.20 1.71 -0.01	21.92 1.74 -0.01	24.06 1.74 0.00	31.49 2.06 0.00	40.39 2.43 0.00	35.29 2.67 0.00	29.33 2.35 0.00	27.07 2.30 0.00	27.07 2.37 0.00	27.53 2.43 0.00	28.89 2.51 0.00	30.73 2.67 0.00	35.03 3.00 -0.10	39.65 2.97 0.00	52.27 3.96 0.00	59.73 4.48 0.00	47.84 3.42 0.00	38.73 3.00 0.00	33.11 2.62 0.00	28.58 2.38 0.00	25.73 2.28 0.00
ASTORIA___2 24149	24.36 1.99 -0.01	22.15 1.77 -0.01	21.18 1.68 -0.01	21.14 1.65 -0.01	21.88 1.70 -0.01	23.99 1.67 0.00	31.52 2.09 0.00	40.31 2.35 0.01	35.19 2.58 0.01	29.24 2.27 0.01	27.02 2.25 0.01	27.02 2.32 0.01	27.47 2.39 0.01	28.83 2.45 0.01	30.66 2.61 0.01	34.95 2.94 -0.09	39.57 2.90 0.01	52.17 3.87 0.01	59.56 4.31 0.01	47.70 3.29 0.01	38.65 2.93 0.01	33.02 2.53 0.00	28.53 2.33 0.00	25.71 2.25 0.00
ASTORIA___3 23516	24.26 1.90 0.00	22.09 1.71 -0.01	21.15 1.66 -0.01	21.13 1.64 -0.01	21.86 1.67 -0.01	24.01 1.70 0.00	31.64 2.21 0.00	40.58 2.62 0.00	35.39 2.77 0.00	29.38 2.40 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.80 3.12 0.00	52.46 4.16 0.00	59.84 4.58 0.00	47.93 3.51 0.00	38.83 3.11 0.00	33.11 2.62 0.00	28.55 2.36 0.00	25.64 2.18 0.00
ASTORIA___4 23517	24.29 1.92 0.00	22.11 1.73 -0.01	21.16 1.66 -0.01	21.16 1.68 -0.01	21.86 1.67 -0.01	24.03 1.72 0.00	31.55 2.12 0.00	40.58 2.62 0.00	35.39 2.77 0.00	29.38 2.40 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.80 3.12 0.00	52.46 4.15 0.00	59.84 4.59 0.00	47.93 3.51 0.00	38.80 3.07 0.00	33.17 2.68 0.00	28.55 2.36 0.00	25.61 2.16 0.00
ASTORIA___5 23518	24.26 1.90 0.00	22.09 1.71 -0.01	21.15 1.66 -0.01	21.13 1.64 -0.01	21.86 1.67 -0.01	24.01 1.70 0.00	31.64 2.21 0.00	40.58 2.62 0.00	35.39 2.77 0.00	29.38 2.40 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.80 3.12 0.00	52.46 4.16 0.00	59.84 4.58 0.00	47.93 3.51 0.00	38.83 3.11 0.00	33.11 2.62 0.00	28.55 2.36 0.00	25.64 2.18 0.00
AST_ENERGY_2_CC3 323677	24.15 1.79 0.00	21.98 1.61 0.00	21.05 1.56 0.00	21.02 1.54 0.00	21.73 1.55 0.00	23.94 1.63 0.00	31.61 2.18 0.00	40.70 2.73 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.12 2.42 0.00	27.58 2.49 0.00	28.94 2.56 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.61 4.30 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.91 3.18 0.00	33.11 2.62 0.00	28.50 2.31 0.00	25.52 2.06 0.00
AST_ENERGY_2_CC4 323678	24.15 1.79 0.00	21.98 1.61 0.00	21.05 1.56 0.00	21.02 1.54 0.00	21.73 1.55 0.00	23.94 1.63 0.00	31.61 2.18 0.00	40.70 2.73 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.12 2.42 0.00	27.58 2.49 0.00	28.94 2.56 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.61 4.30 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.91 3.18 0.00	33.11 2.62 0.00	28.50 2.31 0.00	25.52 2.06 0.00



ATHENS_STG_1 23668	23.42 1.05 0.00	21.31 0.94 0.00	20.41 0.92 0.00	20.38 0.90 0.00	21.11 0.93 0.00	23.30 0.98 0.00	30.72 1.29 0.00	39.75 1.78 0.00	34.35 1.73 0.00	28.38 1.40 0.00	26.11 1.34 0.00	26.06 1.36 0.00	26.50 1.40 0.00	27.81 1.42 0.00	29.57 1.51 0.00	33.79 1.75 -0.11	38.66 1.98 0.00	50.91 2.61 0.00	58.18 2.93 0.00	46.73 2.31 0.00	37.66 1.93 0.00	32.07 1.58 0.00	27.58 1.39 0.00	24.68 1.22 0.00
ATHENS_STG_2 23670	23.42 1.05 0.00	21.31 0.94 0.00	20.41 0.92 0.00	20.38 0.90 0.00	21.11 0.93 0.00	23.30 0.98 0.00	30.72 1.29 0.00	39.75 1.78 0.00	34.35 1.73 0.00	28.38 1.40 0.00	26.11 1.34 0.00	26.06 1.36 0.00	26.50 1.40 0.00	27.81 1.42 0.00	29.57 1.51 0.00	33.79 1.75 -0.11	38.66 1.98 0.00	50.91 2.61 0.00	58.18 2.93 0.00	46.73 2.31 0.00	37.66 1.93 0.00	32.07 1.58 0.00	27.58 1.39 0.00	24.68 1.22 0.00
ATHENS_STG_3 23677	23.42 1.05 0.00	21.31 0.94 0.00	20.41 0.92 0.00	20.38 0.90 0.00	21.11 0.93 0.00	23.30 0.98 0.00	30.72 1.29 0.00	39.75 1.78 0.00	34.35 1.73 0.00	28.38 1.40 0.00	26.11 1.34 0.00	26.06 1.36 0.00	26.50 1.40 0.00	27.81 1.42 0.00	29.57 1.51 0.00	33.79 1.75 -0.11	38.66 1.98 0.00	50.91 2.61 0.00	58.18 2.93 0.00	46.73 2.31 0.00	37.66 1.93 0.00	32.07 1.58 0.00	27.58 1.39 0.00	24.68 1.22 0.00
AUBURN___LFGE 323710	22.19 -0.18 0.00	20.19 -0.18 0.00	19.30 -0.19 0.00	19.29 -0.19 0.00	20.00 -0.18 0.00	22.09 -0.22 0.00	29.25 -0.18 0.00	37.66 -0.30 0.00	32.26 -0.36 0.00	26.74 -0.24 0.00	24.47 -0.30 0.00	24.41 -0.30 0.00	24.72 -0.38 0.00	26.04 -0.34 0.00	27.70 -0.36 0.00	31.52 -0.42 -0.01	36.17 -0.51 0.00	47.53 -0.77 0.00	54.54 -0.72 0.00	44.02 -0.40 0.00	35.41 -0.32 0.00	30.21 -0.27 0.00	25.96 -0.24 0.00	23.15 -0.30 0.00
BABYLON_RES_REC 323704	24.51 2.15 0.00	22.19 1.81 0.00	21.19 1.69 0.00	21.14 1.65 0.00	21.96 1.78 0.00	24.35 2.03 0.00	31.33 1.91 0.01	33.83 2.12 6.26	32.72 2.25 2.14	29.25 2.27 0.00	27.12 2.35 0.00	27.22 2.52 0.00	27.56 2.46 0.00	28.71 2.32 0.00	29.66 2.22 0.62	33.24 2.49 1.18	38.29 2.68 1.07	51.92 3.62 0.01	56.96 4.09 2.39	47.25 3.11 0.28	38.43 2.71 0.01	32.80 2.32 0.00	28.53 2.33 0.00	25.95 2.49 -0.01
BABYLON__69_KV_BK2 356345	24.74 2.37 0.00	22.39 2.02 0.00	21.36 1.87 0.00	21.35 1.87 0.00	22.14 1.96 0.00	24.64 2.32 0.00	31.34 1.91 0.00	33.95 2.39 6.41	32.87 2.45 2.19	29.46 2.48 0.00	27.32 2.55 0.00	27.42 2.72 0.00	27.78 2.69 0.00	28.97 2.59 0.00	29.82 2.39 0.62	33.47 2.75 1.21	38.53 2.93 1.08	52.17 3.86 0.00	57.18 4.37 2.44	47.47 3.33 0.28	38.73 3.00 0.00	33.11 2.62 0.00	28.76 2.57 0.00	26.18 2.72 0.00
BALL_HILL_WT_PWR 323825	21.52 -0.85 0.00	19.68 -0.69 0.00	18.77 -0.72 0.00	18.84 -0.64 0.00	19.58 -0.60 0.00	21.62 -0.69 0.00	28.46 -0.97 0.00	36.14 -1.82 0.00	30.82 -1.79 0.00	26.03 -0.95 0.00	24.00 -0.77 0.00	23.84 -0.87 0.00	24.04 -1.05 0.00	25.62 -0.77 0.00	27.11 -0.95 0.00	30.03 -1.91 -0.02	34.70 -1.98 0.00	42.49 -4.44 1.37	49.56 -4.64 1.05	41.44 -2.84 0.14	33.44 -2.29 0.00	29.12 -1.37 0.00	25.07 -1.13 0.00	22.87 -0.59 0.00
BARON_WINDS___WT_PWR 323822	22.10 -0.27 0.00	20.19 -0.18 0.00	19.26 -0.23 0.00	19.31 -0.18 0.00	20.08 -0.10 0.00	22.18 -0.13 0.00	29.23 -0.20 0.00	37.32 -0.65 0.00	31.74 -0.88 0.00	26.60 -0.38 0.00	24.45 -0.32 0.00	24.28 -0.42 0.00	24.52 -0.58 0.00	26.07 -0.32 0.00	27.72 -0.34 0.00	30.97 -0.99 -0.03	35.73 -0.95 0.00	44.67 -2.61 1.03	51.93 -2.54 0.79	42.94 -1.38 0.11	34.66 -1.07 0.00	29.94 -0.55 0.00	25.78 -0.42 0.00	23.32 -0.14 0.00
BARRETT_IC_1 23704	24.22 1.86 0.00	21.97 1.59 0.00	21.01 1.52 0.00	20.96 1.48 0.00	21.73 1.55 0.00	24.06 1.74 0.00	31.31 1.89 0.01	39.62 1.97 0.31	34.69 2.19 0.11	29.14 2.16 0.00	26.97 2.20 0.00	27.02 2.32 0.00	27.40 2.31 0.00	28.66 2.27 0.00	30.27 2.25 0.04	34.38 2.43 -0.03	39.15 2.53 0.06	51.78 3.48 0.01	59.06 3.92 0.12	47.33 2.93 0.02	38.26 2.54 0.01	32.71 2.22 0.00	28.34 2.15 0.00	25.62 2.16 -0.01
BARRETT_IC_10 23701	24.22 1.86 0.00	21.97 1.59 0.00	21.01 1.52 0.00	20.96 1.48 0.00	21.73 1.55 0.00	24.06 1.74 0.00	31.31 1.89 0.01	39.62 1.97 0.31	34.69 2.19 0.11	29.14 2.16 0.00	26.97 2.20 0.00	27.02 2.32 0.00	27.40 2.31 0.00	28.66 2.27 0.00	30.27 2.25 0.04	34.38 2.43 -0.03	39.15 2.53 0.06	51.78 3.48 0.01	59.06 3.92 0.12	47.33 2.93 0.02	38.26 2.54 0.01	32.71 2.22 0.00	28.34 2.15 0.00	25.62 2.16 -0.01
BARRETT_IC_11 23702	24.22 1.86 0.00	21.97 1.59 0.00	21.01 1.52 0.00	20.96 1.48 0.00	21.73 1.55 0.00	24.06 1.74 0.00	31.31 1.89 0.01	39.62 1.97 0.31	34.69 2.19 0.11	29.14 2.16 0.00	26.97 2.20 0.00	27.02 2.32 0.00	27.40 2.31 0.00	28.66 2.27 0.00	30.27 2.25 0.04	34.38 2.43 -0.03	39.15 2.53 0.06	51.78 3.48 0.01	59.06 3.92 0.12	47.33 2.93 0.02	38.26 2.54 0.01	32.71 2.22 0.00	28.34 2.15 0.00	25.62 2.16 -0.01
BARRETT_IC_12 23703	24.22 1.86 0.00	21.97 1.59 0.00	21.01 1.52 0.00	20.96 1.48 0.00	21.73 1.55 0.00	24.06 1.74 0.00	31.31 1.89 0.01	39.62 1.97 0.31	34.69 2.19 0.11	29.14 2.16 0.00	26.97 2.20 0.00	27.02 2.32 0.00	27.40 2.31 0.00	28.66 2.27 0.00	30.27 2.25 0.04	34.38 2.43 -0.03	39.15 2.53 0.06	51.78 3.48 0.01	59.06 3.92 0.12	47.33 2.93 0.02	38.26 2.54 0.01	32.71 2.22 0.00	28.34 2.15 0.00	25.62 2.16 -0.01
BARRETT_IC_2 23705	24.22 1.86 0.00	21.97 1.59 0.00	21.01 1.52 0.00	20.96 1.48 0.00	21.73 1.55 0.00	24.06 1.74 0.00	31.31 1.89 0.01	39.62 1.97 0.31	34.69 2.19 0.11	29.14 2.16 0.00	26.97 2.20 0.00	27.02 2.32 0.00	27.40 2.31 0.00	28.66 2.27 0.00	30.27 2.25 0.04	34.38 2.43 -0.03	39.15 2.53 0.06	51.78 3.48 0.01	59.06 3.92 0.12	47.33 2.93 0.02	38.26 2.54 0.01	32.71 2.22 0.00	28.34 2.15 0.00	25.62 2.16 -0.01
BARRETT_IC_3 23706	24.22 1.86 0.00	21.97 1.59 0.00	21.01 1.52 0.00	20.96 1.48 0.00	21.73 1.55 0.00	24.06 1.74 0.00	31.31 1.89 0.01	39.62 1.97 0.31	34.69 2.19 0.11	29.14 2.16 0.00	26.97 2.20 0.00	27.02 2.32 0.00	27.40 2.31 0.00	28.66 2.27 0.00	30.27 2.25 0.04	34.38 2.43 -0.03	39.15 2.53 0.06	51.78 3.48 0.01	59.06 3.92 0.12	47.33 2.93 0.02	38.26 2.54 0.01	32.71 2.22 0.00	28.34 2.15 0.00	25.62 2.16 -0.01
BARRETT_IC_4 23707	24.22 1.86 0.00	21.97 1.59 0.00	21.01 1.52 0.00	20.96 1.48 0.00	21.73 1.55 0.00	24.06 1.74 0.00	31.31 1.89 0.01	39.62 1.97 0.31	34.69 2.19 0.11	29.14 2.16 0.00	26.97 2.20 0.00	27.02 2.32 0.00	27.40 2.31 0.00	28.66 2.27 0.00	30.27 2.25 0.04	34.38 2.43 -0.03	39.15 2.53 0.06	51.78 3.48 0.01	59.06 3.92 0.12	47.33 2.93 0.02	38.26 2.54 0.01	32.71 2.22 0.00	28.34 2.15 0.00	25.62 2.16 -0.01



BARRETT_IC_5 23708	24.22 1.86 0.00	21.97 1.59 0.00	21.01 1.52 0.00	20.96 1.48 0.00	21.73 1.55 0.00	24.06 1.74 0.00	31.31 1.89 0.01	39.62 1.97 0.31	34.69 2.19 0.11	29.14 2.16 0.00	26.97 2.20 0.00	27.02 2.32 0.00	27.40 2.31 0.00	28.66 2.27 0.00	30.27 2.25 0.04	34.38 2.43 -0.03	39.15 2.53 0.06	51.78 3.48 0.01	59.06 3.92 0.12	47.33 2.93 0.02	38.26 2.54 0.01	32.71 2.22 0.00	28.34 2.15 0.00	25.62 2.16 -0.01
BARRETT_IC_6 23709	24.22 1.86 0.00	21.97 1.59 0.00	21.01 1.52 0.00	20.96 1.48 0.00	21.73 1.55 0.00	24.06 1.74 0.00	31.31 1.89 0.01	39.62 1.97 0.31	34.69 2.19 0.11	29.14 2.16 0.00	26.97 2.20 0.00	27.02 2.32 0.00	27.40 2.31 0.00	28.66 2.27 0.00	30.27 2.25 0.04	34.38 2.43 -0.03	39.15 2.53 0.06	51.78 3.48 0.01	59.06 3.92 0.12	47.33 2.93 0.02	38.26 2.54 0.01	32.71 2.22 0.00	28.34 2.15 0.00	25.62 2.16 -0.01
BARRETT_IC_7 23710	24.22 1.86 0.00	21.98 1.61 0.00	21.01 1.52 0.00	21.00 1.52 0.00	21.73 1.55 0.00	24.10 1.79 0.00	31.17 1.74 0.00	39.63 1.97 0.31	34.70 2.19 0.10	29.17 2.19 0.00	26.98 2.20 0.00	27.02 2.32 0.00	27.41 2.31 0.00	28.66 2.27 0.00	30.27 2.24 0.03	34.39 2.43 -0.03	39.16 2.53 0.05	51.79 3.48 0.00	59.07 3.92 0.12	47.34 2.93 0.01	38.23 2.50 0.00	32.74 2.26 0.00	28.34 2.15 0.00	25.59 2.13 0.00
BARRETT_IC_8 23711	24.22 1.86 0.00	21.97 1.59 0.00	21.01 1.52 0.00	20.96 1.48 0.00	21.73 1.55 0.00	24.06 1.74 0.00	31.31 1.89 0.01	39.62 1.97 0.31	34.69 2.19 0.11	29.14 2.16 0.00	26.97 2.20 0.00	27.02 2.32 0.00	27.40 2.31 0.00	28.66 2.27 0.00	30.27 2.25 0.04	34.38 2.43 -0.03	39.15 2.53 0.06	51.78 3.48 0.01	59.06 3.92 0.12	47.33 2.93 0.02	38.26 2.54 0.01	32.71 2.22 0.00	28.34 2.15 0.00	25.62 2.16 -0.01
BARRETT_IC_9 23700	24.22 1.86 0.00	21.97 1.59 0.00	21.01 1.52 0.00	20.96 1.48 0.00	21.73 1.55 0.00	24.06 1.74 0.00	31.31 1.89 0.01	39.62 1.97 0.31	34.69 2.19 0.11	29.14 2.16 0.00	26.97 2.20 0.00	27.02 2.32 0.00	27.40 2.31 0.00	28.66 2.27 0.00	30.27 2.25 0.04	34.38 2.43 -0.03	39.15 2.53 0.06	51.78 3.48 0.01	59.06 3.92 0.12	47.33 2.93 0.02	38.26 2.54 0.01	32.71 2.22 0.00	28.34 2.15 0.00	25.62 2.16 -0.01
BARRETT___1 23545	24.22 1.86 0.00	21.97 1.59 0.00	21.01 1.52 0.00	20.96 1.48 0.00	21.73 1.55 0.00	24.06 1.74 0.00	31.31 1.89 0.01	39.62 1.97 0.31	34.69 2.19 0.11	29.14 2.16 0.00	26.97 2.20 0.00	27.02 2.32 0.00	27.40 2.31 0.00	28.66 2.27 0.00	30.27 2.25 0.04	34.38 2.43 -0.03	39.15 2.53 0.06	51.78 3.48 0.01	59.06 3.92 0.12	47.33 2.93 0.02	38.26 2.54 0.01	32.71 2.22 0.00	28.34 2.15 0.00	25.62 2.16 -0.01
BARRETT___2 23546	24.22 1.86 0.00	21.97 1.59 0.00	21.01 1.52 0.00	20.96 1.48 0.00	21.73 1.55 0.00	24.06 1.74 0.00	31.31 1.89 0.01	39.62 1.97 0.31	34.69 2.19 0.11	29.14 2.16 0.00	26.97 2.20 0.00	27.02 2.32 0.00	27.40 2.31 0.00	28.66 2.27 0.00	30.27 2.25 0.04	34.38 2.43 -0.03	39.15 2.53 0.06	51.78 3.48 0.01	59.06 3.92 0.12	47.33 2.93 0.02	38.26 2.54 0.01	32.71 2.22 0.00	28.34 2.15 0.00	25.62 2.16 -0.01
BATAVIA__115KV_TB1 55881	21.60 -0.76 0.00	19.68 -0.69 0.00	18.81 -0.68 0.00	18.72 -0.76 0.00	19.57 -0.61 0.00	21.56 -0.76 0.00	28.43 -1.00 0.00	36.56 -1.40 0.00	31.21 -1.40 0.00	26.22 -0.76 0.00	24.05 -0.72 0.00	23.91 -0.79 0.00	24.14 -0.95 0.00	25.62 -0.77 0.00	27.13 -0.93 0.00	30.44 -1.50 -0.02	34.85 -1.83 0.00	43.22 -3.57 1.51	50.40 -3.70 1.16	42.09 -2.18 0.15	33.83 -1.89 0.00	29.24 -1.25 0.00	25.15 -1.05 0.00	22.73 -0.73 0.00
BAYONEEC___CTG1 323682	24.15 1.79 0.00	21.98 1.61 0.00	21.05 1.56 0.00	21.00 1.52 0.00	21.73 1.55 0.00	23.94 1.63 0.00	31.61 2.18 0.00	40.70 2.73 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.61 4.30 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.91 3.18 0.00	33.11 2.62 0.00	28.50 2.31 0.00	25.52 2.06 0.00
BAYONEEC___CTG10 323750	24.15 1.79 0.00	21.98 1.61 0.00	21.05 1.56 0.00	21.00 1.52 0.00	21.73 1.55 0.00	23.94 1.63 0.00	31.61 2.18 0.00	40.70 2.73 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.61 4.30 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.91 3.18 0.00	33.11 2.62 0.00	28.50 2.31 0.00	25.52 2.06 0.00
BAYONEEC___CTG2 323683	24.15 1.79 0.00	21.98 1.61 0.00	21.05 1.56 0.00	21.00 1.52 0.00	21.73 1.55 0.00	23.94 1.63 0.00	31.61 2.18 0.00	40.70 2.73 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.61 4.30 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.91 3.18 0.00	33.11 2.62 0.00	28.50 2.31 0.00	25.52 2.06 0.00
BAYONEEC___CTG3 323684	24.15 1.79 0.00	21.98 1.61 0.00	21.05 1.56 0.00	21.00 1.52 0.00	21.73 1.55 0.00	23.94 1.63 0.00	31.61 2.18 0.00	40.70 2.73 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.61 4.30 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.91 3.18 0.00	33.11 2.62 0.00	28.50 2.31 0.00	25.52 2.06 0.00
BAYONEEC___CTG4 323685	24.15 1.79 0.00	21.98 1.61 0.00	21.05 1.56 0.00	21.00 1.52 0.00	21.73 1.55 0.00	23.94 1.63 0.00	31.61 2.18 0.00	40.70 2.73 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.61 4.30 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.91 3.18 0.00	33.11 2.62 0.00	28.50 2.31 0.00	25.52 2.06 0.00
BAYONEEC___CTG5 323686	24.15 1.79 0.00	21.98 1.61 0.00	21.05 1.56 0.00	21.00 1.52 0.00	21.73 1.55 0.00	23.94 1.63 0.00	31.61 2.18 0.00	40.70 2.73 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.61 4.30 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.91 3.18 0.00	33.11 2.62 0.00	28.50 2.31 0.00	25.52 2.06 0.00
BAYONEEC___CTG6 323687	24.15 1.79 0.00	21.98 1.61 0.00	21.05 1.56 0.00	21.00 1.52 0.00	21.73 1.55 0.00	23.94 1.63 0.00	31.61 2.18 0.00	40.70 2.73 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.61 4.30 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.91 3.18 0.00	33.11 2.62 0.00	28.50 2.31 0.00	25.52 2.06 0.00



BAYONEEC___CTG7 323688	24.15 1.79 0.00	21.98 1.61 0.00	21.05 1.56 0.00	21.00 1.52 0.00	21.73 1.55 0.00	23.94 1.63 0.00	31.61 2.18 0.00	40.70 2.73 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.61 4.30 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.91 3.18 0.00	33.11 2.62 0.00	28.50 2.31 0.00	25.52 2.06 0.00
BAYONEEC___CTG8 323689	24.15 1.79 0.00	21.98 1.61 0.00	21.05 1.56 0.00	21.00 1.52 0.00	21.73 1.55 0.00	23.94 1.63 0.00	31.61 2.18 0.00	40.70 2.73 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.61 4.30 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.91 3.18 0.00	33.11 2.62 0.00	28.50 2.31 0.00	25.52 2.06 0.00
BAYONEEC___CTG9 323749	24.15 1.79 0.00	21.98 1.61 0.00	21.05 1.56 0.00	21.00 1.52 0.00	21.73 1.55 0.00	23.94 1.63 0.00	31.61 2.18 0.00	40.70 2.73 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.61 4.30 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.91 3.18 0.00	33.11 2.62 0.00	28.50 2.31 0.00	25.52 2.06 0.00
BEACON___LESR 323632	23.35 0.98 0.00	21.27 0.90 0.00	20.41 0.92 0.00	20.36 0.88 0.00	21.05 0.87 0.00	23.27 0.96 0.00	30.84 1.41 0.00	39.90 1.93 0.00	34.44 1.83 0.00	28.33 1.35 0.00	25.93 1.16 0.00	25.86 1.16 0.00	26.38 1.28 0.00	27.60 1.21 0.00	29.41 1.35 0.00	33.69 1.69 -0.07	38.73 2.05 0.00	51.30 3.00 0.00	58.69 3.43 0.00	47.00 2.58 0.00	37.87 2.14 0.00	32.07 1.58 0.00	27.56 1.36 0.00	24.58 1.13 0.00
BEAVER RIVER___HYD 24048	22.32 -0.04 0.00	20.31 -0.06 0.00	19.41 -0.08 0.00	19.08 -0.06 0.34	21.62 -0.04 -1.48	23.98 0.07 -1.60	31.68 0.26 -1.99	40.89 0.49 -2.44	34.54 0.16 -1.75	26.90 -0.08 0.00	24.55 -0.22 0.00	24.43 -0.27 0.00	26.04 -0.40 -1.34	27.86 -0.34 -1.82	29.63 -0.34 -1.91	33.60 -0.45 -2.12	36.80 0.11 -0.01	49.29 0.34 -0.64	58.90 0.33 -3.31	47.22 0.04 -2.75	35.80 0.07 0.00	30.67 0.18 0.00	26.20 0.00 0.00	23.39 -0.07 0.00
BEEBEE_GT_13 23619	21.67 -0.69 0.00	19.72 -0.65 0.00	18.85 -0.64 0.00	18.78 -0.70 0.00	19.57 -0.61 0.00	21.58 -0.74 0.00	28.49 -0.94 0.00	36.67 -1.29 0.00	31.41 -1.21 0.00	26.28 -0.70 0.00	24.10 -0.67 0.00	23.99 -0.72 0.00	24.27 -0.83 0.00	25.65 -0.74 0.00	27.19 -0.87 0.00	30.82 -1.12 -0.01	35.14 -1.54 0.00	44.23 -2.46 1.62	51.42 -2.60 1.24	42.66 -1.60 0.17	34.23 -1.50 0.00	29.42 -1.07 0.00	25.25 -0.94 0.00	22.71 -0.75 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.50 2.12 -0.01	22.30 1.92 -0.01	21.35 1.85 -0.01	21.34 1.85 -0.01	22.04 1.86 -0.01	24.23 1.92 0.00	31.81 2.38 0.00	40.81 2.85 0.00	35.62 3.00 0.00	29.57 2.59 0.00	27.32 2.55 0.00	27.32 2.62 0.00	27.78 2.69 0.00	29.18 2.80 0.00	31.03 2.97 0.00	35.44 3.42 -0.10	40.06 3.37 0.00	52.90 4.59 0.00	60.40 5.14 0.00	48.33 3.91 0.00	39.16 3.43 0.00	33.51 3.02 0.00	28.87 2.67 0.00	25.88 2.42 -0.01
BETHLEHEM___GRP 23843	22.99 0.63 0.00	20.99 0.61 0.00	20.11 0.62 0.00	20.10 0.62 0.00	20.75 0.57 0.00	22.94 0.62 0.00	30.28 0.85 0.00	39.25 1.29 0.00	33.86 1.24 0.00	27.87 0.89 0.00	25.56 0.79 0.00	25.52 0.82 0.00	25.98 0.88 0.00	27.23 0.84 0.00	28.99 0.93 0.00	33.19 1.18 -0.08	38.11 1.43 0.00	50.34 2.03 0.00	57.58 2.32 0.00	46.11 1.69 0.00	37.16 1.43 0.00	31.59 1.10 0.00	27.14 0.94 0.00	24.23 0.77 0.00
BETHLEHEM___GS1 323560	22.99 0.63 0.00	20.94 0.57 0.00	20.11 0.62 0.00	20.09 0.60 0.00	20.74 0.56 0.00	22.92 0.60 0.00	30.31 0.88 0.00	39.25 1.29 0.00	33.86 1.24 0.00	27.87 0.89 0.00	25.56 0.79 0.00	25.52 0.81 0.00	25.98 0.88 0.00	27.23 0.84 0.00	28.98 0.92 0.00	33.19 1.18 -0.08	38.11 1.43 0.00	50.34 2.03 0.00	57.58 2.32 0.00	46.11 1.69 0.00	37.19 1.47 0.00	31.55 1.07 0.00	27.14 0.94 0.00	24.23 0.77 0.00
BETHLEHEM___GS2 323561	22.99 0.63 0.00	20.94 0.57 0.00	20.11 0.62 0.00	20.09 0.60 0.00	20.74 0.56 0.00	22.92 0.60 0.00	30.31 0.88 0.00	39.25 1.29 0.00	33.86 1.24 0.00	27.87 0.89 0.00	25.56 0.79 0.00	25.52 0.81 0.00	25.98 0.88 0.00	27.23 0.84 0.00	28.98 0.92 0.00	33.19 1.18 -0.08	38.11 1.43 0.00	50.34 2.03 0.00	57.58 2.32 0.00	46.11 1.69 0.00	37.19 1.47 0.00	31.55 1.07 0.00	27.14 0.94 0.00	24.23 0.77 0.00
BETHLEHEM___GS3 323562	22.99 0.63 0.00	20.94 0.57 0.00	20.11 0.62 0.00	20.09 0.60 0.00	20.74 0.56 0.00	22.92 0.60 0.00	30.31 0.88 0.00	39.25 1.29 0.00	33.86 1.24 0.00	27.87 0.89 0.00	25.56 0.79 0.00	25.52 0.81 0.00	25.98 0.88 0.00	27.23 0.84 0.00	28.98 0.92 0.00	33.19 1.18 -0.08	38.11 1.43 0.00	50.34 2.03 0.00	57.58 2.32 0.00	46.11 1.69 0.00	37.19 1.47 0.00	31.55 1.07 0.00	27.14 0.94 0.00	24.23 0.77 0.00
BETHLEHEM___STEEL 23779	21.49 -0.87 0.00	19.60 -0.77 0.00	18.75 -0.74 0.00	18.68 -0.80 0.00	19.53 -0.65 0.00	21.47 -0.85 0.00	28.25 -1.18 0.00	35.99 -1.97 0.00	30.76 -1.86 0.00	26.01 -0.97 0.00	23.95 -0.82 0.00	23.79 -0.91 0.00	23.99 -1.10 0.00	25.52 -0.87 0.00	27.02 -1.04 0.00	30.00 -1.95 -0.02	34.63 -2.05 0.00	42.33 -4.59 1.39	49.33 -4.86 1.07	41.17 -3.11 0.14	33.30 -2.43 0.00	28.87 -1.62 0.00	24.96 -1.23 0.00	22.68 -0.77 0.00
BETHLHEM_115KV_TB1 79974	23.06 0.69 0.00	21.05 0.67 0.00	20.15 0.66 0.00	20.14 0.66 0.00	20.81 0.63 0.00	23.01 0.69 0.00	30.34 0.91 0.00	39.33 1.37 0.00	33.92 1.30 0.00	27.95 0.97 0.00	25.64 0.87 0.00	25.59 0.89 0.00	26.05 0.95 0.00	27.31 0.92 0.00	29.07 1.01 0.00	33.25 1.25 -0.08	38.19 1.50 0.00	50.43 2.13 0.00	57.63 2.38 0.00	46.20 1.78 0.00	37.23 1.50 0.00	31.65 1.16 0.00	27.19 1.00 0.00	24.30 0.84 0.00
BETHPAGE_CC_5 323564	24.47 2.10 0.00	22.17 1.79 0.00	21.17 1.68 0.00	21.14 1.65 0.00	21.93 1.75 0.00	24.30 1.99 0.00	31.31 1.89 0.01	34.26 2.09 5.79	32.85 2.22 1.98	29.25 2.27 0.00	27.10 2.33 0.00	27.20 2.49 0.00	27.56 2.46 0.00	28.73 2.35 0.00	29.73 2.25 0.57	33.30 2.46 1.09	38.30 2.60 0.99	51.87 3.57 0.01	57.03 3.98 2.21	47.18 3.02 0.26	38.29 2.57 0.01	32.80 2.32 0.00	28.55 2.36 0.00	25.90 2.44 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.54 -0.83 0.00	19.64 -0.73 0.00	18.79 -0.70 0.00	18.74 -0.74 0.00	19.59 -0.59 0.00	21.53 -0.78 0.00	28.34 -1.09 0.00	36.06 -1.90 0.00	30.82 -1.79 0.00	26.06 -0.92 0.00	24.03 -0.74 0.00	23.86 -0.84 0.00	24.04 -1.05 0.00	25.57 -0.82 0.00	27.11 -0.95 0.00	30.00 -1.95 -0.02	34.70 -1.98 0.00	42.29 -4.64 1.38	49.28 -4.92 1.06	41.22 -3.07 0.14	33.40 -2.32 0.00	28.93 -1.55 0.00	25.02 -1.18 0.00	22.73 -0.73 0.00



BINGHAMTON___COGEN 23790	22.86 0.49 0.00	20.84 0.47 0.00	19.92 0.43 0.00	19.93 0.45 0.00	20.70 0.52 0.00	22.87 0.56 0.00	30.11 0.68 0.00	38.72 0.76 0.00	33.14 0.52 0.00	27.60 0.62 0.00	25.34 0.57 0.00	25.25 0.54 0.00	25.57 0.48 0.00	27.02 0.63 0.00	28.71 0.65 0.00	32.42 0.45 -0.05	37.38 0.70 0.00	47.87 0.14 0.58	55.20 0.39 0.44	45.03 0.67 0.06	36.26 0.54 0.00	31.10 0.61 0.00	26.77 0.58 0.00	24.07 0.61 0.00
BIXINCNT_115KV_LOAD 355685	21.40 -0.96 0.00	19.52 -0.86 0.00	18.69 -0.80 0.00	18.64 -0.84 0.00	19.43 -0.75 0.00	21.42 -0.89 0.00	28.19 -1.24 0.00	35.87 -2.09 0.00	30.66 -1.96 0.00	25.87 -1.11 0.00	23.80 -0.97 0.00	23.54 -1.16 0.00	23.62 -1.48 0.00	25.17 -1.21 0.00	26.74 -1.32 0.00	29.40 -2.55 -0.02	34.22 -2.46 0.00	41.43 -5.56 1.32	48.34 -5.91 1.01	40.69 -3.60 0.13	33.15 -2.57 0.00	28.87 -1.62 0.00	24.99 -1.20 0.00	22.78 -0.68 0.00
BLACK RIVER___HYD 24047	22.41 0.04 0.00	20.39 0.02 0.00	19.49 0.00 0.00	19.27 0.02 0.23	21.26 0.04 -1.04	23.61 0.18 -1.12	31.26 0.44 -1.39	40.35 0.68 -1.71	34.14 0.29 -1.23	27.01 0.03 0.00	24.60 -0.17 0.00	24.48 -0.22 0.00	25.63 -0.40 -0.94	27.31 -0.34 -1.27	29.06 -0.34 -1.33	33.00 -0.42 -1.48	36.65 -0.04 -0.01	49.31 0.24 -0.76	58.15 0.33 -2.56	46.69 0.31 -1.96	36.05 0.32 0.00	30.88 0.40 0.00	26.33 0.13 0.00	23.48 0.02 0.00
BLACKRVR_115KV_TB2 79977	22.41 0.04 0.00	20.39 0.02 0.00	19.49 0.00 0.00	19.27 0.02 0.23	21.26 0.04 -1.04	23.61 0.18 -1.12	31.29 0.47 -1.39	40.35 0.68 -1.71	34.14 0.29 -1.23	27.01 0.03 0.00	24.60 -0.17 0.00	24.48 -0.22 0.00	25.63 -0.40 -0.94	27.31 -0.34 -1.27	29.06 -0.34 -1.33	33.00 -0.42 -1.48	36.65 -0.04 -0.01	49.31 0.24 -0.76	58.15 0.33 -2.56	44.77 0.31 -0.03	36.05 0.32 0.00	30.88 0.40 0.00	26.33 0.13 0.00	23.48 0.02 0.00
BLISS_WT_PWR 323608	21.27 -1.10 0.00	19.44 -0.94 0.00	18.57 -0.92 0.00	18.64 -0.84 0.00	19.31 -0.87 0.00	21.38 -0.94 0.00	28.17 -1.26 0.00	35.72 -2.24 0.00	30.46 -2.15 0.00	25.71 -1.27 0.00	23.66 -1.11 0.00	23.37 -1.33 0.00	23.42 -1.68 0.00	24.99 -1.40 0.00	26.52 -1.54 0.00	29.14 -2.81 -0.02	33.93 -2.75 0.00	41.09 -5.90 1.32	47.95 -6.30 1.01	40.42 -3.87 0.13	32.98 -2.75 0.00	28.87 -1.62 0.00	24.89 -1.31 0.00	22.78 -0.68 0.00
BLUESTONE___WT_PWR 323821	23.64 1.27 0.00	21.52 1.14 0.00	20.52 1.03 0.00	20.57 1.09 0.00	21.33 1.15 0.00	23.70 1.38 0.00	31.46 2.03 0.00	40.54 2.58 0.00	34.51 1.89 0.00	28.52 1.54 0.00	25.96 1.19 0.00	25.86 1.16 0.00	26.03 0.93 0.00	27.52 1.13 0.00	29.29 1.23 0.00	33.19 1.21 -0.04	38.55 1.87 0.00	50.04 2.18 0.44	57.52 2.60 0.34	46.95 2.58 0.05	37.83 2.11 0.00	32.47 1.98 0.00	27.79 1.60 0.00	24.84 1.38 0.00
BLUE_CIRC_CHEM_DRP 24182	23.26 0.89 0.00	21.23 0.86 0.00	20.33 0.84 0.00	20.30 0.82 0.00	20.97 0.79 0.00	23.19 0.87 0.00	30.61 1.18 0.00	39.59 1.63 0.00	34.12 1.50 0.00	28.03 1.05 0.00	25.66 0.89 0.00	25.57 0.86 0.00	26.03 0.93 0.00	27.28 0.90 0.00	29.07 1.01 0.00	33.36 1.34 -0.09	38.37 1.69 0.00	50.77 2.46 0.00	58.08 2.82 0.00	46.60 2.18 0.00	37.55 1.82 0.00	31.92 1.43 0.00	27.40 1.20 0.00	24.49 1.03 0.00
BOC_GAS_DRP 24189	23.21 0.85 0.00	21.15 0.77 0.00	20.25 0.76 0.00	20.24 0.76 0.00	20.93 0.75 0.00	23.14 0.83 0.00	30.46 1.03 0.00	39.48 1.52 0.00	34.05 1.44 0.00	28.11 1.13 0.00	25.81 1.04 0.00	25.76 1.06 0.00	26.20 1.10 0.00	27.49 1.11 0.00	29.24 1.18 0.00	33.46 1.44 -0.09	38.33 1.65 0.00	50.53 2.22 0.00	57.74 2.49 0.00	46.33 1.91 0.00	37.33 1.61 0.00	31.80 1.31 0.00	27.35 1.15 0.00	24.44 0.99 0.00
BOONVILLE_115KV_TB1 79983	22.68 0.31 0.00	20.64 0.26 0.00	19.74 0.25 0.00	19.65 0.25 0.09	21.02 0.28 -0.56	23.32 0.40 -0.60	30.86 0.68 -0.75	39.87 0.99 -0.92	33.96 0.68 -0.66	27.44 0.46 0.00	25.07 0.30 0.00	24.97 0.27 0.00	25.73 0.13 -0.51	27.26 0.18 -0.69	29.00 0.22 -0.72	32.92 0.19 -0.80	37.31 0.62 0.00	49.47 0.92 -0.24	57.50 0.99 -1.25	45.18 0.76 0.00	36.37 0.64 0.00	31.10 0.61 0.00	26.61 0.42 0.00	23.76 0.30 0.00
BORALEX_4TH_BRANCH 23824	23.95 1.59 0.00	21.82 1.45 0.00	20.87 1.38 0.00	20.86 1.38 0.00	21.57 1.39 0.00	23.88 1.56 0.00	31.46 2.03 0.00	41.11 3.15 0.00	35.52 2.90 0.00	29.14 2.16 0.00	26.73 1.96 0.00	26.70 2.00 0.00	27.13 2.03 0.00	28.39 2.01 0.00	30.22 2.16 0.00	34.58 2.59 -0.06	39.91 3.23 0.00	52.75 4.44 0.00	60.18 4.92 0.00	48.07 3.64 0.00	38.80 3.07 0.00	32.96 2.47 0.00	28.40 2.20 0.00	25.29 1.83 0.00
BOWLINE___1 23526	23.82 1.45 0.00	21.68 1.31 0.00	20.76 1.27 0.00	20.73 1.25 0.00	21.47 1.29 0.00	23.72 1.41 0.00	31.23 1.80 0.00	40.28 2.32 0.00	34.80 2.19 0.00	28.87 1.89 0.00	26.60 1.83 0.00	26.58 1.88 0.00	27.00 1.91 0.00	28.39 2.00 0.00	30.19 2.13 0.00	34.45 2.43 -0.09	39.40 2.71 0.00	51.88 3.57 0.00	59.29 4.03 0.00	47.53 3.11 0.00	38.26 2.54 0.00	32.59 2.10 0.00	28.03 1.83 0.00	25.12 1.67 0.00
BOWLINE___2 23595	23.82 1.45 0.00	21.68 1.31 0.00	20.76 1.27 0.00	20.73 1.25 0.00	21.47 1.29 0.00	23.72 1.41 0.00	31.23 1.80 0.00	40.28 2.32 0.00	34.80 2.19 0.00	28.87 1.89 0.00	26.60 1.83 0.00	26.58 1.88 0.00	27.00 1.91 0.00	28.39 2.00 0.00	30.19 2.13 0.00	34.45 2.43 -0.09	39.40 2.71 0.00	51.88 3.57 0.00	59.29 4.03 0.00	47.53 3.11 0.00	38.26 2.54 0.00	32.59 2.10 0.00	28.03 1.83 0.00	25.12 1.67 0.00
BRADY___115KV_TB2 356060	22.23 -0.13 0.00	20.25 -0.12 0.01	19.37 -0.12 0.01	18.28 -0.10 1.11	22.02 -0.02 -1.86	24.42 0.09 -2.01	32.11 0.18 -2.50	41.33 0.30 -3.07	34.79 -0.03 -2.20	26.82 -0.16 0.00	24.62 -0.15 0.00	24.53 -0.17 0.00	26.69 -0.10 -1.69	28.56 -0.11 -2.28	30.35 -0.11 -2.40	34.46 -0.13 -2.66	36.81 0.11 -0.01	49.40 0.29 -0.80	59.48 0.06 -4.16	44.33 -0.09 0.00	35.69 -0.04 0.00	30.43 -0.06 0.00	26.06 -0.13 0.00	23.43 -0.02 0.00
BRANSCOMB___SOLAR 323811	23.57 1.21 0.00	21.49 1.12 0.00	20.52 1.03 0.00	20.47 0.99 0.00	21.23 1.05 0.00	23.47 1.16 0.00	31.11 1.68 0.00	40.24 2.28 0.00	34.64 2.02 0.00	28.44 1.46 0.00	25.98 1.21 0.00	25.94 1.23 0.00	26.48 1.38 0.00	27.70 1.32 0.00	29.41 1.35 0.00	33.66 1.69 -0.04	38.81 2.13 0.00	51.50 3.19 0.00	58.96 3.70 0.00	47.27 2.85 0.00	38.08 2.36 0.00	32.35 1.86 0.00	27.74 1.55 0.00	24.82 1.36 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	24.62 2.26 0.00	22.31 1.94 0.00	21.28 1.79 0.00	21.27 1.79 0.00	22.06 1.88 0.00	24.57 2.25 0.00	31.17 1.74 0.00	33.21 2.13 6.88	32.49 2.22 2.35	29.33 2.35 0.00	27.20 2.43 0.00	27.30 2.59 0.00	27.63 2.53 0.00	28.79 2.40 0.00	29.58 2.19 0.67	33.12 2.49 1.30	38.05 2.53 1.16	51.45 3.14 0.00	56.18 3.54 2.62	46.74 2.62 0.30	38.41 2.68 0.00	32.81 2.32 0.00	28.61 2.41 0.00	26.06 2.60 0.00



BRISTLHL_115KV_TB1 79998	21.92 -0.45 0.00	19.95 -0.43 0.00	19.08 -0.41 0.00	19.07 -0.41 0.00	19.76 -0.42 0.00	21.85 -0.47 0.00	28.87 -0.56 0.00	37.16 -0.80 0.00	31.87 -0.75 0.00	26.39 -0.59 0.00	24.18 -0.59 0.00	24.11 -0.59 0.00	24.47 -0.63 0.00	25.75 -0.63 0.00	27.36 -0.70 0.00	31.14 -0.80 0.00	35.73 -0.95 0.00	48.21 -1.26 -1.16	54.82 -1.33 -0.89	43.61 -0.93 -0.12	34.98 -0.75 0.00	29.85 -0.64 0.00	25.65 -0.55 0.00	22.89 -0.56 0.00
BROOKHAVEN___DRP 24191	24.67 2.30 0.00	22.33 1.96 0.00	21.30 1.81 0.00	21.29 1.81 0.00	22.08 1.90 0.00	24.59 2.28 0.00	31.14 1.71 0.00	33.02 2.05 6.99	32.38 2.15 2.39	29.22 2.24 0.00	27.10 2.33 0.00	27.20 2.49 0.00	27.56 2.46 0.00	28.73 2.35 0.00	29.45 2.08 0.68	33.03 2.43 1.33	38.10 2.60 1.18	51.83 3.53 0.00	56.57 3.98 2.66	47.00 2.89 0.31	38.34 2.61 0.00	32.74 2.26 0.00	28.53 2.33 0.00	26.04 2.58 0.00
BROOKLYN_NAVY_YARD 23515	24.13 1.77 0.00	21.94 1.57 0.00	21.03 1.54 0.00	20.98 1.50 0.00	21.69 1.51 0.00	23.92 1.61 0.00	31.58 2.15 0.00	40.66 2.70 0.00	35.39 2.77 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.49 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.09 3.07 -0.10	39.91 3.23 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.16 3.73 0.00	38.91 3.18 0.00	33.11 2.62 0.00	28.47 2.28 0.00	25.50 2.04 0.00
BROOKLYN___ARMY_DRP 323595	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
BROOKVLE_69_KV_TB1 55790	24.44 2.08 0.00	22.17 1.79 0.00	21.17 1.68 0.00	21.18 1.69 0.00	21.92 1.74 0.00	24.32 2.01 0.00	31.40 1.97 0.00	37.32 2.51 3.15	34.12 2.58 1.08	29.43 2.46 0.00	27.25 2.48 0.00	27.35 2.64 0.00	27.73 2.64 0.00	29.00 2.61 0.00	30.33 2.58 0.31	34.29 2.91 0.54	39.30 3.15 0.53	52.61 4.30 0.00	58.87 4.81 1.20	47.97 3.69 0.14	38.80 3.07 0.00	33.14 2.65 0.00	28.61 2.41 0.00	25.85 2.39 0.00
BROOME_2_LFGE 323671	22.86 0.49 0.00	20.84 0.47 0.00	19.92 0.43 0.00	19.95 0.47 0.00	20.70 0.52 0.00	22.89 0.58 0.00	30.19 0.76 0.00	38.76 0.80 0.00	33.14 0.52 0.00	27.60 0.62 0.00	25.34 0.57 0.00	25.25 0.54 0.00	25.57 0.48 0.00	27.02 0.63 0.00	28.71 0.65 0.00	32.39 0.41 -0.05	37.38 0.70 0.00	47.87 0.15 0.58	55.20 0.39 0.44	45.03 0.67 0.06	36.26 0.54 0.00	31.13 0.64 0.00	26.77 0.58 0.00	24.09 0.63 0.00
BROOME___LFGE 323600	22.86 0.49 0.00	20.84 0.47 0.00	19.92 0.43 0.00	19.95 0.47 0.00	20.70 0.52 0.00	22.89 0.58 0.00	30.19 0.76 0.00	38.76 0.80 0.00	33.14 0.52 0.00	27.60 0.62 0.00	25.34 0.57 0.00	25.25 0.54 0.00	25.57 0.48 0.00	27.02 0.63 0.00	28.71 0.65 0.00	32.39 0.41 -0.05	37.38 0.70 0.00	47.87 0.15 0.58	55.20 0.39 0.44	45.03 0.67 0.06	36.26 0.54 0.00	31.13 0.64 0.00	26.77 0.58 0.00	24.09 0.63 0.00
BROWNFLS_115KV_TB_3_5 80003	22.21 -0.16 0.00	20.21 -0.16 0.00	19.33 -0.16 0.00	18.68 -0.16 0.64	22.74 -0.10 -2.66	25.19 0.00 -2.88	33.12 0.12 -3.57	42.61 0.27 -4.38	35.77 0.00 -3.15	26.76 -0.22 0.00	24.50 -0.27 0.00	24.41 -0.30 0.00	27.16 -0.35 -2.42	29.31 -0.34 -3.27	31.15 -0.34 -3.43	35.32 -0.42 -3.81	36.66 -0.04 -0.02	49.60 0.14 -1.14	61.21 0.00 -5.95	44.25 -0.18 0.00	35.62 -0.11 0.00	30.46 -0.03 0.00	26.04 -0.16 0.00	23.32 -0.14 0.00
BROWNSV1_27_KV_LOAD 356125	24.33 1.97 0.00	22.15 1.77 0.00	21.19 1.70 0.00	21.20 1.71 0.00	21.88 1.70 0.00	24.14 1.83 0.00	31.75 2.32 0.00	41.04 3.07 0.00	35.72 3.10 0.00	29.65 2.67 0.00	27.37 2.60 0.00	27.35 2.64 0.00	27.81 2.71 0.00	29.21 2.82 0.00	31.06 3.00 0.00	35.41 3.38 -0.10	40.28 3.59 0.00	53.09 4.78 0.00	60.67 5.42 0.00	48.60 4.18 0.00	39.23 3.50 0.00	33.42 2.93 0.00	28.74 2.54 0.00	25.68 2.23 0.00
BURROWS___LYONSDAL 23803	22.59 0.22 0.00	20.56 0.18 0.00	19.65 0.16 0.00	19.52 0.18 0.14	21.12 0.20 -0.74	23.43 0.31 -0.80	30.98 0.56 -0.99	40.01 0.84 -1.22	34.05 0.55 -0.88	27.28 0.30 0.00	24.92 0.15 0.00	24.83 0.12 0.00	25.74 -0.03 -0.67	27.32 0.03 -0.91	29.10 0.08 -0.95	33.02 0.03 -1.06	37.20 0.51 -0.01	49.45 0.82 -0.32	57.80 0.88 -1.65	44.96 0.53 0.00	36.19 0.46 0.00	30.98 0.49 0.00	26.51 0.31 0.00	23.67 0.21 0.00
CAITHNESS_CC_1 323624	24.60 2.24 0.00	22.27 1.90 0.00	21.25 1.75 0.00	21.20 1.71 0.00	22.04 1.86 0.00	24.46 2.14 0.00	31.28 1.86 0.01	32.90 1.93 7.00	32.28 2.06 2.40	29.14 2.16 0.00	27.05 2.28 0.00	27.15 2.45 0.00	27.48 2.39 0.00	28.63 2.24 0.00	29.36 1.99 0.69	32.93 2.33 1.33	37.95 2.46 1.19	51.63 3.33 0.01	56.35 3.76 2.67	46.86 2.76 0.32	38.22 2.50 0.01	32.59 2.10 0.00	28.45 2.25 0.00	26.00 2.53 -0.01
CALPINE BETH_PAGE_GT4 24209	24.47 2.10 0.00	22.17 1.79 0.00	21.17 1.68 0.00	21.16 1.68 0.00	21.92 1.74 0.00	24.37 2.05 0.00	31.20 1.77 0.00	34.92 2.20 5.25	33.14 2.32 1.79	29.30 2.32 0.00	27.15 2.38 0.00	27.22 2.52 0.00	27.61 2.51 0.00	28.81 2.43 0.00	29.88 2.33 0.51	33.48 2.52 0.97	38.47 2.68 0.89	51.98 3.67 0.00	57.40 4.14 2.00	47.30 3.11 0.23	38.37 2.64 0.00	32.90 2.41 0.00	28.50 2.31 0.00	25.87 2.42 0.00
CALPINE_BETH_PAGE_GT_4 323586	24.47 2.10 0.00	22.17 1.79 0.00	21.17 1.68 0.00	21.12 1.64 0.00	21.92 1.74 0.00	24.30 1.99 0.00	31.36 1.94 0.01	34.91 2.20 5.26	33.13 2.32 1.80	29.27 2.29 0.00	27.15 2.38 0.00	27.22 2.52 0.00	27.61 2.51 0.00	28.79 2.40 0.00	29.87 2.33 0.52	33.44 2.49 0.98	38.46 2.68 0.90	51.97 3.67 0.01	57.40 4.15 2.01	47.29 3.11 0.24	38.36 2.64 0.01	32.90 2.41 0.00	28.55 2.36 0.00	25.90 2.44 -0.01
CALPINE_BP_GT1 23823	24.47 2.10 0.00	22.17 1.79 0.00	21.17 1.68 0.00	21.12 1.64 0.00	21.92 1.74 0.00	24.30 1.99 0.00	31.36 1.94 0.01	34.91 2.20 5.26	33.13 2.32 1.80	29.27 2.29 0.00	27.15 2.38 0.00	27.22 2.52 0.00	27.61 2.51 0.00	28.79 2.40 0.00	29.87 2.33 0.52	33.44 2.49 0.98	38.46 2.68 0.90	51.97 3.67 0.01	57.40 4.15 2.01	47.29 3.11 0.24	38.36 2.64 0.01	32.90 2.41 0.00	28.55 2.36 0.00	25.90 2.44 -0.01
CALSPAN___DRP 24200	21.49 -0.87 0.00	19.60 -0.77 0.00	18.75 -0.74 0.00	18.68 -0.80 0.00	19.53 -0.65 0.00	21.47 -0.85 0.00	28.25 -1.18 0.00	35.99 -1.97 0.00	30.76 -1.86 0.00	26.01 -0.97 0.00	23.95 -0.82 0.00	23.79 -0.91 0.00	23.99 -1.10 0.00	25.52 -0.87 0.00	27.02 -1.04 0.00	30.00 -1.95 -0.02	34.63 -2.05 0.00	42.33 -4.59 1.39	49.33 -4.86 1.07	41.17 -3.11 0.14	33.30 -2.43 0.00	28.87 -1.62 0.00	24.96 -1.23 0.00	22.68 -0.77 0.00



CALVERTON___SOLAR 323806	24.73 2.37 0.00	22.39 2.02 0.00	21.36 1.87 0.00	21.31 1.83 0.00	22.16 1.98 0.00	24.59 2.28 0.00	31.48 2.06 0.01	33.16 2.20 7.00	32.50 2.28 2.40	29.27 2.29 0.00	27.17 2.40 0.00	27.27 2.57 0.00	27.61 2.51 0.00	28.76 2.38 0.00	29.53 2.16 0.69	33.12 2.52 1.33	38.24 2.75 1.19	52.07 3.77 0.01	56.84 4.26 2.67	47.22 3.11 0.32	38.51 2.79 0.01	32.84 2.35 0.00	28.60 2.41 0.00	26.14 2.67 -0.01
CANDIGU_WT_PWR 323617	22.10 -0.27 0.00	20.19 -0.18 0.00	19.26 -0.23 0.00	19.31 -0.18 0.00	20.08 -0.10 0.00	22.18 -0.13 0.00	29.23 -0.20 0.00	37.32 -0.65 0.00	31.74 -0.88 0.00	26.60 -0.38 0.00	24.45 -0.32 0.00	24.28 -0.42 0.00	24.52 -0.58 0.00	26.07 -0.32 0.00	27.72 -0.34 0.00	30.97 -0.99 -0.03	35.73 -0.95 0.00	44.67 -2.61 1.03	51.93 -2.54 0.79	42.94 -1.38 0.11	34.66 -1.07 0.00	29.94 -0.55 0.00	25.78 -0.42 0.00	23.32 -0.14 0.00
CARR STREET_E_SYR 24060	21.98 -0.38 0.00	20.03 -0.35 0.00	19.14 -0.35 0.00	19.15 -0.33 0.00	19.84 -0.34 0.00	21.91 -0.40 0.00	28.93 -0.50 0.00	37.28 -0.68 0.00	31.97 -0.65 0.00	26.49 -0.48 0.00	24.28 -0.50 0.00	24.21 -0.49 0.00	24.57 -0.53 0.00	25.86 -0.53 0.00	27.47 -0.59 0.00	31.26 -0.67 0.00	35.77 -0.92 0.00	46.52 -1.21 0.58	53.55 -1.27 0.44	43.43 -0.93 0.06	35.09 -0.64 0.00	29.97 -0.52 0.00	25.72 -0.47 0.00	22.99 -0.47 0.00
CARTHAGE___PAPER 23857	22.34 -0.02 0.00	20.31 -0.06 0.00	19.43 -0.06 0.00	19.15 -0.06 0.27	21.37 -0.02 -1.21	23.73 0.11 -1.31	31.41 0.35 -1.62	40.52 0.57 -1.99	34.28 0.23 -1.43	26.90 -0.08 0.00	24.55 -0.22 0.00	24.43 -0.27 0.00	25.79 -0.40 -1.10	27.50 -0.37 -1.48	29.25 -0.37 -1.56	33.21 -0.45 -1.73	36.73 0.04 -0.01	49.41 0.34 -0.76	58.53 0.39 -2.89	46.87 0.18 -2.27	35.91 0.18 0.00	30.76 0.27 0.00	26.25 0.05 0.00	23.41 -0.05 0.00
CASSADAGA_WT_PWR 323784	21.31 -1.05 0.00	19.48 -0.90 0.00	18.57 -0.92 0.00	18.62 -0.86 0.00	19.37 -0.81 0.00	21.40 -0.92 0.00	28.25 -1.18 0.00	35.95 -2.01 0.00	30.76 -1.86 0.00	26.01 -0.97 0.00	24.03 -0.74 0.00	23.86 -0.84 0.00	24.07 -1.03 0.00	25.70 -0.69 0.00	27.11 -0.95 0.00	29.88 -2.07 -0.02	34.52 -2.16 0.00	42.10 -4.88 1.33	49.38 -4.86 1.02	41.44 -2.84 0.14	33.51 -2.22 0.00	29.15 -1.34 0.00	25.15 -1.05 0.00	22.99 -0.47 0.00
CE_DUNWOOD___DRP 24194	24.02 1.66 0.00	21.86 1.49 0.00	20.93 1.44 0.00	20.92 1.44 0.00	21.63 1.45 0.00	23.90 1.58 0.00	31.34 1.91 0.00	40.54 2.58 0.00	35.19 2.58 0.00	29.19 2.21 0.00	26.93 2.16 0.00	26.93 2.22 0.00	27.36 2.26 0.00	28.71 2.32 0.00	30.53 2.47 0.00	34.84 2.81 -0.10	39.73 3.04 0.00	52.37 4.06 0.00	59.84 4.59 0.00	47.93 3.51 0.00	38.66 2.93 0.00	32.93 2.44 0.00	28.32 2.12 0.00	25.36 1.90 0.00
CE_MILLWOOD___DRP 24193	24.00 1.63 0.00	21.84 1.47 0.00	20.89 1.40 0.00	20.90 1.42 0.00	21.59 1.41 0.00	23.88 1.56 0.00	31.31 1.88 0.00	40.50 2.54 0.00	35.13 2.51 0.00	29.14 2.16 0.00	26.88 2.11 0.00	26.85 2.15 0.00	27.31 2.21 0.00	28.66 2.27 0.00	30.47 2.41 0.00	34.77 2.75 -0.10	39.69 3.01 0.00	52.27 3.96 0.00	59.73 4.48 0.00	47.84 3.42 0.00	38.59 2.86 0.00	32.90 2.41 0.00	28.26 2.07 0.00	25.31 1.85 0.00
CE_NYC2_DRP 24202	24.29 1.92 0.00	22.11 1.73 -0.01	21.16 1.66 -0.01	21.16 1.68 -0.01	21.86 1.67 -0.01	24.06 1.74 0.00	31.58 2.15 0.00	40.62 2.66 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.17 2.40 0.00	27.17 2.47 0.00	27.63 2.53 0.00	29.00 2.61 0.00	30.84 2.78 0.00	35.19 3.16 -0.10	39.84 3.15 0.00	52.51 4.20 0.00	59.96 4.70 0.00	48.02 3.60 0.00	38.87 3.14 0.00	33.20 2.71 0.00	28.58 2.38 0.00	25.64 2.18 0.00
CE_NYC_DRP 24195	24.20 1.83 0.00	22.03 1.65 0.00	21.09 1.60 0.00	21.10 1.62 0.00	21.77 1.59 0.00	24.03 1.72 0.00	31.58 2.15 0.00	40.81 2.85 0.00	35.52 2.90 0.00	29.49 2.51 0.00	27.22 2.45 0.00	27.22 2.52 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.89 2.83 0.00	35.22 3.19 -0.10	40.06 3.37 0.00	52.80 4.49 0.00	60.29 5.03 0.00	48.29 3.86 0.00	38.98 3.25 0.00	33.23 2.74 0.00	28.55 2.36 0.00	25.57 2.11 0.00
CHAFFEE___LFGE 323603	21.56 -0.80 0.00	19.70 -0.67 0.00	18.79 -0.70 0.00	18.88 -0.60 0.00	19.59 -0.59 0.00	21.65 -0.67 0.00	28.52 -0.91 0.00	36.25 -1.71 0.00	30.89 -1.73 0.00	26.09 -0.89 0.00	24.05 -0.72 0.00	23.89 -0.81 0.00	24.07 -1.03 0.00	25.65 -0.74 0.00	27.13 -0.93 0.00	30.03 -1.91 -0.02	34.77 -1.91 0.00	42.46 -4.49 1.36	49.47 -4.75 1.04	41.31 -2.98 0.14	33.44 -2.29 0.00	29.09 -1.40 0.00	25.04 -1.15 0.00	22.80 -0.66 0.00
CHATEAUG_35_KV_LOAD 355732	21.67 -0.69 0.00	19.67 -0.69 0.01	18.74 -0.74 0.01	17.50 -0.80 1.19	-8.90 -0.79 28.29	-9.06 -0.78 30.59	-9.53 -1.00 37.96	-9.83 -1.21 46.58	-2.07 -1.21 33.48	25.95 -1.03 0.00	23.98 -0.79 0.00	23.71 -0.99 0.00	-1.44 -0.88 25.66	-9.26 -0.95 34.69	-9.37 -1.01 36.42	-9.63 -1.12 40.44	35.33 -1.14 0.21	34.79 -1.35 12.16	-9.82 -1.82 63.25	42.78 -1.64 0.00	34.51 -1.21 0.00	29.33 -1.16 0.00	25.17 -1.02 0.00	22.66 -0.80 0.00
CHATEAUG_WT_PWR 323614	21.60 -0.76 0.00	19.61 -0.75 0.01	18.68 -0.80 0.01	17.41 -0.86 1.21	-7.07 -0.87 26.38	-7.10 -0.89 28.52	-7.11 -1.15 35.39	-6.87 -1.40 43.43	0.09 -1.31 31.22	25.87 -1.11 0.00	23.93 -0.84 0.00	23.67 -1.04 0.00	0.22 -0.95 23.92	-6.99 -1.03 32.35	-6.99 -1.09 33.96	-7.02 -1.25 37.71	35.20 -1.28 0.20	35.38 -1.59 11.34	-5.76 -2.04 58.98	-6.47 -1.86 49.03	34.30 -1.43 0.00	29.21 -1.28 0.00	25.10 -1.10 0.00	22.56 -0.89 0.00
CHAT_HIGH_FALL_HYD 323578	21.67 -0.69 0.00	19.67 -0.69 0.01	18.74 -0.74 0.01	17.50 -0.80 1.19	-8.90 -0.79 28.29	-9.06 -0.78 30.59	-9.53 -1.00 37.96	-9.83 -1.21 46.58	-2.07 -1.21 33.48	25.95 -1.03 0.00	23.98 -0.79 0.00	23.71 -0.99 0.00	-1.44 -0.88 25.66	-9.26 -0.95 34.69	-9.37 -1.01 36.42	-9.63 -1.12 40.44	35.33 -1.14 0.21	34.79 -1.35 12.16	-9.82 -1.82 63.25	42.78 -1.64 0.00	34.51 -1.21 0.00	29.33 -1.16 0.00	25.17 -1.02 0.00	22.66 -0.80 0.00
CHAUTAUQUA___LFGE 323629	21.52 -0.85 0.00	19.68 -0.69 0.00	18.77 -0.72 0.00	18.84 -0.64 0.00	19.59 -0.59 0.00	21.65 -0.67 0.00	28.49 -0.94 0.00	36.22 -1.75 0.00	30.89 -1.73 0.00	26.12 -0.86 0.00	24.10 -0.67 0.00	23.94 -0.77 0.00	24.14 -0.95 0.00	25.75 -0.63 0.00	27.22 -0.84 0.00	30.13 -1.82 -0.02	34.81 -1.87 0.00	42.56 -4.40 1.35	49.75 -4.47 1.04	41.66 -2.62 0.14	33.65 -2.07 0.00	29.27 -1.22 0.00	25.23 -0.97 0.00	23.03 -0.42 0.00
CHERRYST_13_KV_LD 356241	24.27 1.90 0.00	22.09 1.71 0.00	21.15 1.66 0.00	21.14 1.66 0.00	21.83 1.65 0.00	24.10 1.79 0.00	31.70 2.27 0.00	40.96 3.00 0.00	35.65 3.03 0.00	29.60 2.62 0.00	27.32 2.55 0.00	27.32 2.62 0.00	27.76 2.66 0.00	29.16 2.77 0.00	31.01 2.95 0.00	35.35 3.32 -0.10	40.20 3.52 0.00	52.99 4.69 0.00	60.45 5.19 0.00	48.42 4.00 0.00	39.09 3.36 0.00	33.32 2.84 0.00	28.63 2.44 0.00	25.61 2.16 0.00



CHESTROR_138KV_BK263 355645	23.73 1.36 0.00	21.62 1.24 0.00	20.68 1.19 0.00	20.67 1.19 0.00	21.39 1.21 0.00	23.65 1.34 0.00	31.05 1.62 0.00	40.16 2.20 0.00	34.71 2.09 0.00	28.76 1.78 0.00	26.48 1.71 0.00	26.43 1.73 0.00	26.85 1.76 0.00	28.21 1.82 0.00	30.02 1.96 0.00	34.28 2.27 -0.09	39.21 2.53 0.00	51.64 3.33 0.00	59.02 3.76 0.00	47.36 2.93 0.00	38.12 2.39 0.00	32.47 1.98 0.00	27.92 1.73 0.00	25.00 1.55 0.00
CH_MIDHUDSON___DRP 24192	23.91 1.54 0.00	21.78 1.41 0.00	20.84 1.34 0.00	20.83 1.34 0.00	21.53 1.35 0.00	23.81 1.50 0.00	31.28 1.85 0.00	40.50 2.54 0.00	35.06 2.45 0.00	29.03 2.05 0.00	26.73 1.96 0.00	26.70 2.00 0.00	27.16 2.06 0.00	28.47 2.08 0.00	30.30 2.24 0.00	34.65 2.62 -0.10	39.58 2.90 0.00	52.17 3.86 0.00	59.62 4.37 0.00	47.80 3.38 0.00	38.51 2.79 0.00	32.81 2.32 0.00	28.19 1.99 0.00	25.22 1.76 0.00
CH_MISC_IPPS 23765	23.98 1.61 0.00	21.82 1.45 0.00	20.89 1.40 0.00	20.86 1.38 0.00	21.59 1.41 0.00	23.85 1.54 0.00	31.46 2.03 0.00	40.66 2.70 0.00	35.16 2.55 0.00	29.11 2.13 0.00	26.80 2.03 0.00	26.73 2.03 0.00	27.21 2.11 0.00	28.50 2.11 0.00	30.39 2.33 0.00	34.74 2.71 -0.10	39.72 3.04 0.00	52.37 4.06 0.00	59.84 4.58 0.00	47.98 3.56 0.00	38.66 2.93 0.00	32.87 2.38 0.00	28.26 2.07 0.00	25.31 1.85 0.00
CH_RES_BVR_FALLS 23983	21.69 -0.67 0.00	0.33 -0.63 19.42	0.31 -0.60 18.57	0.33 -0.60 18.55	0.34 -0.59 19.25	0.36 -0.62 21.33	0.47 -0.82 28.14	0.61 -1.02 36.33	31.74 -0.88 0.00	26.22 -0.76 0.00	24.13 -0.64 0.00	24.06 -0.64 0.00	24.49 -0.60 0.00	25.75 -0.63 0.00	27.39 -0.67 0.00	31.23 -0.70 0.00	35.95 -0.73 0.00	47.39 -0.92 0.00	54.10 -1.16 0.00	43.36 -1.07 0.00	34.87 -0.86 0.00	29.79 -0.70 0.00	25.64 -0.55 0.00	23.03 -0.42 0.00
CH_RES_NIAGARA 23895	20.84 -1.52 0.00	18.99 -1.39 0.00	18.17 -1.33 0.00	18.10 -1.38 0.00	18.93 -1.25 0.00	20.73 -1.58 0.00	27.22 -2.21 0.00	34.62 -3.34 0.00	29.68 -2.94 0.00	25.12 -1.86 0.00	23.14 -1.63 0.00	23.00 -1.70 0.00	23.19 -1.91 0.00	24.59 -1.79 0.00	26.04 -2.02 0.00	29.17 -2.78 -0.02	33.31 -3.37 0.00	41.08 -5.75 1.48	47.82 -6.30 1.13	39.87 -4.40 0.15	32.12 -3.61 0.00	27.90 -2.59 0.00	24.10 -2.10 0.00	21.91 -1.55 0.00
CH_RES_SYRACUSE 23985	22.10 -0.27 0.00	20.13 -0.24 0.00	19.24 -0.25 0.00	19.25 -0.23 0.00	19.92 -0.26 0.00	22.02 -0.29 0.00	29.08 -0.35 0.00	37.47 -0.49 0.00	32.13 -0.49 0.00	26.60 -0.38 0.00	24.37 -0.40 0.00	24.31 -0.40 0.00	24.67 -0.43 0.00	25.96 -0.42 0.00	27.61 -0.45 0.00	31.39 -0.54 -0.01	36.02 -0.66 0.00	47.44 -0.87 0.00	54.37 -0.89 0.00	43.84 -0.58 0.00	35.26 -0.47 0.00	30.12 -0.36 0.00	25.85 -0.34 0.00	23.08 -0.38 0.00
CLINTON_WT_PWR 323605	21.60 -0.76 0.00	19.61 -0.75 0.01	18.68 -0.80 0.01	17.41 -0.86 1.21	-7.07 -0.87 26.38	-7.10 -0.89 28.52	-7.11 -1.15 35.39	-6.87 -1.40 43.43	0.09 -1.31 31.22	25.87 -1.11 0.00	23.93 -0.84 0.00	23.67 -1.04 0.00	0.22 -0.95 23.92	-6.99 -1.03 32.35	-6.99 -1.09 33.96	-7.02 -1.25 37.71	35.20 -1.28 0.20	35.38 -1.59 11.34	-5.76 -2.04 58.98	-6.47 -1.86 49.03	34.30 -1.43 0.00	29.21 -1.28 0.00	25.10 -1.10 0.00	22.56 -0.89 0.00
CLINTON___LFGE 323618	22.10 -0.27 0.00	20.08 -0.29 0.01	19.11 -0.37 0.01	17.87 -0.41 1.20	-7.26 -0.34 27.09	-7.20 -0.22 29.29	-7.21 -0.29 36.34	-6.94 -0.31 44.60	0.00 -0.55 32.06	26.47 -0.51 0.00	24.47 -0.30 0.00	24.01 -0.69 0.00	0.00 -0.53 24.57	-7.39 -0.56 33.22	-7.40 -0.59 34.87	-7.47 -0.67 38.72	35.86 -0.62 0.20	35.89 -0.77 11.65	-6.41 -1.10 60.57	-6.68 -0.76 50.35	35.09 -0.64 0.00	29.88 -0.61 0.00	25.62 -0.58 0.00	23.08 -0.38 0.00
COBBLENY_34_KV_TB1 80064	21.54 -0.83 0.00	19.64 -0.73 0.00	18.79 -0.70 0.00	18.74 -0.74 0.00	19.59 -0.59 0.00	21.53 -0.78 0.00	28.37 -1.06 0.00	36.14 -1.82 0.00	30.89 -1.73 0.00	26.09 -0.89 0.00	24.05 -0.72 0.00	23.89 -0.82 0.00	24.07 -1.03 0.00	25.62 -0.77 0.00	27.13 -0.93 0.00	30.07 -1.88 -0.02	34.77 -1.91 0.00	42.46 -4.49 1.36	49.47 -4.75 1.04	41.31 -2.98 0.14	33.44 -2.29 0.00	28.96 -1.52 0.00	25.04 -1.15 0.00	22.73 -0.73 0.00
COFFEEN___115KV_TB3 355620	22.54 0.18 0.00	20.50 0.12 0.00	19.59 0.10 0.00	19.37 0.12 0.23	21.33 0.14 -1.01	23.71 0.31 -1.09	31.46 0.68 -1.35	40.56 0.95 -1.65	34.26 0.46 -1.19	27.11 0.13 0.00	24.67 -0.10 0.00	24.55 -0.15 0.00	25.68 -0.33 -0.91	27.35 -0.26 -1.23	29.10 -0.25 -1.29	33.05 -0.32 -1.44	36.80 0.11 -0.01	49.55 0.48 -0.76	58.37 0.61 -2.50	45.08 0.62 -0.03	36.30 0.57 0.00	31.10 0.61 0.00	26.51 0.31 0.00	23.60 0.14 0.00
COLDSPRG_115KV_BK1 355956	21.96 -0.40 0.00	20.03 -0.35 0.00	19.18 -0.31 0.00	19.15 -0.33 0.00	20.02 -0.16 0.00	22.07 -0.25 0.00	29.14 -0.29 0.00	37.16 -0.80 0.00	31.70 -0.91 0.00	26.82 -0.16 0.00	24.75 -0.02 0.00	24.55 -0.15 0.00	24.72 -0.38 0.00	26.41 0.03 0.00	27.89 -0.17 0.00	30.61 -1.34 -0.02	35.65 -1.03 0.00	43.15 -3.86 1.29	50.51 -3.76 0.99	42.29 -2.00 0.13	34.26 -1.46 0.00	29.67 -0.82 0.00	25.70 -0.50 0.00	23.36 -0.09 0.00
COLONIE_LFGE___ 323577	23.46 1.10 0.00	21.37 1.00 0.00	20.45 0.95 0.00	20.42 0.94 0.00	21.15 0.97 0.00	23.39 1.07 0.00	30.90 1.47 0.00	40.05 2.09 0.00	34.54 1.92 0.00	28.41 1.43 0.00	26.03 1.26 0.00	26.01 1.31 0.00	26.45 1.35 0.00	27.73 1.34 0.00	29.49 1.43 0.00	33.73 1.75 -0.05	38.84 2.16 0.00	51.30 3.00 0.00	58.69 3.43 0.00	47.00 2.58 0.00	37.91 2.18 0.00	32.19 1.71 0.00	27.66 1.47 0.00	24.70 1.24 0.00
COOPERNY_115KV_TB1 80082	23.44 1.07 0.00	21.35 0.98 0.00	20.43 0.94 0.00	20.44 0.95 0.00	21.15 0.97 0.00	23.39 1.07 0.00	30.72 1.29 0.00	39.71 1.75 0.00	34.25 1.63 0.00	28.38 1.40 0.00	26.11 1.34 0.00	26.06 1.36 0.00	26.45 1.36 0.00	27.81 1.42 0.00	29.60 1.54 0.00	33.73 1.72 -0.07	38.63 1.94 0.00	50.82 2.51 0.00	58.08 2.82 0.00	46.69 2.27 0.00	37.55 1.82 0.00	32.04 1.55 0.00	27.56 1.36 0.00	24.68 1.22 0.00
COPENHAGEN_WT_PWR 323753	22.36 0.00 0.00	20.35 -0.02 0.00	19.45 -0.04 0.00	19.25 -0.02 0.21	21.11 -0.02 -0.95	23.46 0.11 -1.03	31.03 0.32 -1.28	40.06 0.53 -1.57	33.94 0.20 -1.13	26.93 -0.05 0.00	24.55 -0.22 0.00	24.43 -0.27 0.00	25.53 -0.43 -0.86	27.18 -0.37 -1.17	28.89 -0.39 -1.22	32.81 -0.48 -1.36	36.54 -0.15 -0.01	49.17 0.10 -0.77	57.82 0.17 -2.40	46.41 0.18 -1.80	35.94 0.22 0.00	30.79 0.30 0.00	26.27 0.08 0.00	23.41 -0.05 0.00
CORNELL_____ 23752	22.36 0.00 0.00	20.33 -0.04 0.00	19.45 -0.04 0.00	19.44 -0.04 0.00	20.16 -0.02 0.00	22.31 0.00 0.00	29.61 0.18 0.00	38.15 0.19 0.00	32.62 0.00 0.00	26.93 -0.05 0.00	24.60 -0.17 0.00	24.50 -0.20 0.00	24.80 -0.30 0.00	26.15 -0.24 0.00	27.81 -0.25 0.00	31.69 -0.26 -0.02	36.46 -0.22 0.00	47.68 -0.24 0.39	54.96 0.00 0.30	44.56 0.18 0.04	35.87 0.14 0.00	30.61 0.12 0.00	26.27 0.08 0.00	23.39 -0.07 0.00



CORONA V_69_KV_TB1 355595	24.36 1.99 0.00	22.11 1.73 0.00	21.11 1.62 0.00	21.10 1.62 0.00	21.85 1.67 0.00	24.23 1.92 0.00	31.34 1.91 0.00	39.33 2.39 1.02	34.75 2.48 0.35	29.33 2.35 0.00	27.15 2.38 0.00	27.20 2.49 0.00	27.58 2.48 0.00	28.87 2.48 0.00	30.43 2.47 0.10	34.60 2.78 0.11	39.48 2.97 0.17	52.41 4.11 0.00	59.46 4.59 0.39	47.89 3.51 0.05	38.66 2.93 0.00	33.05 2.56 0.00	28.55 2.36 0.00	25.75 2.30 0.00
CORTLAND_115KV_TB3 80093	22.25 -0.11 0.00	20.23 -0.14 0.00	19.35 -0.14 0.00	19.35 -0.14 0.00	20.06 -0.12 0.00	22.18 -0.13 0.00	29.37 -0.06 0.00	37.92 -0.04 0.00	32.45 -0.16 0.00	26.82 -0.16 0.00	24.55 -0.22 0.00	24.46 -0.25 0.00	24.77 -0.33 0.00	26.10 -0.29 0.00	27.75 -0.31 0.00	31.59 -0.35 -0.01	36.28 -0.40 0.00	47.56 -0.48 0.26	54.67 -0.39 0.20	44.22 -0.18 0.03	35.58 -0.14 0.00	30.40 -0.09 0.00	26.06 -0.13 0.00	23.24 -0.21 0.00
COXSACKIE___GT 23611	23.55 1.18 0.00	21.52 1.14 0.00	20.62 1.13 0.00	20.57 1.09 0.00	21.27 1.09 0.00	23.52 1.20 0.00	31.32 1.89 0.00	40.62 2.66 0.00	34.77 2.15 0.00	28.33 1.35 0.00	25.76 0.99 0.00	25.57 0.86 0.00	26.13 1.03 0.00	27.28 0.90 0.00	29.18 1.12 0.00	33.93 1.92 -0.08	39.06 2.38 0.00	52.03 3.72 0.00	59.62 4.36 0.00	47.84 3.42 0.00	38.48 2.75 0.00	32.47 1.98 0.00	27.79 1.60 0.00	24.79 1.34 0.00
CPV_VALLEY___CC1 323721	23.62 1.25 0.00	21.52 1.14 0.00	20.58 1.09 0.00	20.57 1.09 0.00	21.31 1.13 0.00	23.52 1.20 0.00	30.99 1.56 0.00	40.01 2.05 0.00	34.54 1.92 0.00	28.63 1.65 0.00	26.36 1.59 0.00	26.33 1.63 0.00	26.75 1.66 0.00	28.10 1.71 0.00	29.88 1.82 0.00	34.12 2.11 -0.08	39.03 2.35 0.00	51.40 3.09 0.00	58.74 3.48 0.00	47.13 2.71 0.00	37.94 2.22 0.00	32.32 1.83 0.00	27.79 1.60 0.00	24.91 1.45 0.00
CPV_VALLEY___CC2 323722	23.62 1.25 0.00	21.52 1.14 0.00	20.58 1.09 0.00	20.57 1.09 0.00	21.31 1.13 0.00	23.52 1.20 0.00	30.99 1.56 0.00	40.01 2.05 0.00	34.54 1.92 0.00	28.63 1.65 0.00	26.36 1.59 0.00	26.33 1.63 0.00	26.75 1.66 0.00	28.10 1.71 0.00	29.88 1.82 0.00	34.12 2.11 -0.08	39.03 2.35 0.00	51.40 3.09 0.00	58.74 3.48 0.00	47.13 2.71 0.00	37.94 2.22 0.00	32.32 1.83 0.00	27.79 1.60 0.00	24.91 1.45 0.00
CRESCENT___HYD 24018	23.46 1.10 0.00	21.37 1.00 0.00	20.45 0.95 0.00	20.42 0.94 0.00	21.15 0.97 0.00	23.39 1.07 0.00	30.90 1.47 0.00	40.05 2.09 0.00	34.54 1.92 0.00	28.41 1.43 0.00	26.03 1.26 0.00	26.01 1.31 0.00	26.45 1.35 0.00	27.73 1.34 0.00	29.49 1.43 0.00	33.73 1.75 -0.05	38.84 2.16 0.00	51.30 3.00 0.00	58.69 3.43 0.00	47.00 2.58 0.00	37.91 2.18 0.00	32.19 1.71 0.00	27.66 1.47 0.00	24.70 1.24 0.00
CRICKET___VALLEY_CC1 323756	23.82 1.45 0.00	21.68 1.31 0.00	20.76 1.27 0.00	20.71 1.23 0.00	21.45 1.27 0.00	23.68 1.36 0.00	31.20 1.77 0.00	40.43 2.47 0.00	35.00 2.38 0.00	28.92 1.94 0.00	26.63 1.86 0.00	26.60 1.90 0.00	27.03 1.93 0.00	28.34 1.95 0.00	30.17 2.11 0.00	34.46 2.43 -0.10	39.43 2.75 0.00	52.03 3.72 0.00	59.40 4.15 0.00	47.58 3.15 0.00	38.41 2.68 0.00	32.65 2.16 0.00	28.11 1.91 0.00	25.12 1.67 0.00
CRICKET___VALLEY_CC2 323757	23.82 1.45 0.00	21.68 1.31 0.00	20.76 1.27 0.00	20.71 1.23 0.00	21.45 1.27 0.00	23.68 1.36 0.00	31.20 1.77 0.00	40.43 2.47 0.00	35.00 2.38 0.00	28.92 1.94 0.00	26.63 1.86 0.00	26.60 1.90 0.00	27.03 1.93 0.00	28.34 1.95 0.00	30.17 2.11 0.00	34.46 2.43 -0.10	39.43 2.75 0.00	52.03 3.72 0.00	59.40 4.15 0.00	47.58 3.15 0.00	38.41 2.68 0.00	32.65 2.16 0.00	28.11 1.91 0.00	25.12 1.67 0.00
CRICKET___VALLEY_CC3 323758	23.82 1.45 0.00	21.68 1.31 0.00	20.76 1.27 0.00	20.71 1.23 0.00	21.45 1.27 0.00	23.68 1.36 0.00	31.20 1.77 0.00	40.43 2.47 0.00	35.00 2.38 0.00	28.92 1.94 0.00	26.63 1.86 0.00	26.60 1.90 0.00	27.03 1.93 0.00	28.34 1.95 0.00	30.17 2.11 0.00	34.46 2.43 -0.10	39.43 2.75 0.00	52.03 3.72 0.00	59.40 4.15 0.00	47.58 3.15 0.00	38.41 2.68 0.00	32.65 2.16 0.00	28.11 1.91 0.00	25.12 1.67 0.00
CRUCIBLE_METL_DRP 24180	22.10 -0.27 0.00	20.11 -0.26 0.00	19.24 -0.25 0.00	19.23 -0.25 0.00	19.92 -0.26 0.00	22.00 -0.31 0.00	29.11 -0.32 0.00	37.47 -0.49 0.00	32.13 -0.49 0.00	26.60 -0.38 0.00	24.37 -0.40 0.00	24.31 -0.40 0.00	24.67 -0.43 0.00	25.96 -0.42 0.00	27.61 -0.45 0.00	31.39 -0.54 -0.01	36.02 -0.66 0.00	47.44 -0.87 0.00	54.37 -0.88 0.00	43.85 -0.58 0.00	35.26 -0.46 0.00	30.09 -0.40 0.00	25.85 -0.34 0.00	23.08 -0.38 0.00
DAHOWA___HYDRO 323763	23.59 1.23 0.00	21.52 1.14 0.00	20.54 1.05 0.00	20.49 1.01 0.00	21.25 1.07 0.00	23.52 1.20 0.00	31.17 1.74 0.00	40.32 2.35 0.00	34.74 2.12 0.00	28.49 1.51 0.00	26.03 1.26 0.00	25.96 1.26 0.00	26.53 1.43 0.00	27.76 1.37 0.00	29.43 1.37 0.00	33.69 1.72 -0.04	38.84 2.16 0.00	51.59 3.29 0.00	59.12 3.87 0.00	47.35 2.93 0.00	38.12 2.39 0.00	32.38 1.89 0.00	27.77 1.57 0.00	24.84 1.38 0.00
DANC___LFGE 323619	22.16 -0.20 0.00	20.19 -0.18 0.00	19.29 -0.19 0.00	19.16 -0.18 0.14	20.65 -0.18 -0.65	22.91 -0.11 -0.71	30.22 -0.09 -0.88	38.96 -0.08 -1.08	33.16 -0.23 -0.77	26.68 -0.30 0.00	24.35 -0.42 0.00	24.26 -0.44 0.00	25.14 -0.55 -0.59	26.66 -0.53 -0.80	28.34 -0.56 -0.84	32.23 -0.64 -0.94	36.14 -0.55 0.00	48.55 -0.53 -0.77	56.60 -0.50 -1.84	45.33 -0.36 -1.26	35.51 -0.21 0.00	30.43 -0.06 0.00	26.01 -0.18 0.00	23.20 -0.26 0.00
DANSKAMMER___1 23586	23.98 1.61 0.00	21.82 1.45 0.00	20.89 1.40 0.00	20.86 1.38 0.00	21.59 1.41 0.00	23.85 1.54 0.00	31.46 2.03 0.00	40.66 2.70 0.00	35.16 2.55 0.00	29.11 2.13 0.00	26.80 2.03 0.00	26.73 2.03 0.00	27.21 2.11 0.00	28.50 2.11 0.00	30.39 2.33 0.00	34.74 2.71 -0.10	39.72 3.04 0.00	52.37 4.06 0.00	59.84 4.58 0.00	47.98 3.56 0.00	38.66 2.93 0.00	32.87 2.38 0.00	28.26 2.07 0.00	25.31 1.85 0.00
DANSKAMMER___2 23589	23.98 1.61 0.00	21.82 1.45 0.00	20.89 1.40 0.00	20.86 1.38 0.00	21.59 1.41 0.00	23.85 1.54 0.00	31.46 2.03 0.00	40.66 2.70 0.00	35.16 2.55 0.00	29.11 2.13 0.00	26.80 2.03 0.00	26.73 2.03 0.00	27.21 2.11 0.00	28.50 2.11 0.00	30.39 2.33 0.00	34.74 2.71 -0.10	39.72 3.04 0.00	52.37 4.06 0.00	59.84 4.58 0.00	47.98 3.56 0.00	38.66 2.93 0.00	32.87 2.38 0.00	28.26 2.07 0.00	25.31 1.85 0.00
DANSKAMMER___3 23590	23.98 1.61 0.00	21.82 1.45 0.00	20.89 1.40 0.00	20.86 1.38 0.00	21.59 1.41 0.00	23.85 1.54 0.00	31.46 2.03 0.00	40.66 2.70 0.00	35.16 2.55 0.00	29.11 2.13 0.00	26.80 2.03 0.00	26.73 2.03 0.00	27.21 2.11 0.00	28.50 2.11 0.00	30.39 2.33 0.00	34.74 2.71 -0.10	39.72 3.04 0.00	52.37 4.06 0.00	59.84 4.58 0.00	47.98 3.56 0.00	38.66 2.93 0.00	32.87 2.38 0.00	28.26 2.07 0.00	25.31 1.85 0.00



DANSKAMMER___4 23591	23.98 1.61 0.00	21.82 1.45 0.00	20.89 1.40 0.00	20.86 1.38 0.00	21.59 1.41 0.00	23.85 1.54 0.00	31.46 2.03 0.00	40.66 2.70 0.00	35.16 2.55 0.00	29.11 2.13 0.00	26.80 2.03 0.00	26.73 2.03 0.00	27.21 2.11 0.00	28.50 2.11 0.00	30.39 2.33 0.00	34.74 2.71 -0.10	39.72 3.04 0.00	52.37 4.06 0.00	59.84 4.58 0.00	47.98 3.56 0.00	38.66 2.93 0.00	32.87 2.38 0.00	28.26 2.07 0.00	25.31 1.85 0.00
DANSKAMMER___DIESEL 23592	23.98 1.61 0.00	21.84 1.47 0.00	20.89 1.40 0.00	20.90 1.42 0.00	21.59 1.41 0.00	23.88 1.56 0.00	31.37 1.94 0.00	40.66 2.70 0.00	35.16 2.54 0.00	29.11 2.13 0.00	26.80 2.03 0.00	26.73 2.03 0.00	27.21 2.11 0.00	28.52 2.14 0.00	30.39 2.33 0.00	34.74 2.71 -0.10	39.73 3.04 0.00	52.37 4.06 0.00	59.84 4.59 0.00	47.98 3.55 0.00	38.66 2.93 0.00	32.90 2.41 0.00	28.26 2.07 0.00	25.29 1.83 0.00
DARBY___SOLAR 323810	23.55 1.18 0.00	21.47 1.10 0.00	20.52 1.03 0.00	20.47 0.99 0.00	21.21 1.03 0.00	23.47 1.16 0.00	31.11 1.68 0.00	40.24 2.28 0.00	34.67 2.06 0.00	28.46 1.48 0.00	26.03 1.26 0.00	25.96 1.26 0.00	26.50 1.40 0.00	27.76 1.37 0.00	29.43 1.37 0.00	33.69 1.72 -0.04	38.84 2.16 0.00	51.50 3.19 0.00	58.96 3.70 0.00	47.27 2.85 0.00	38.05 2.32 0.00	32.32 1.83 0.00	27.71 1.52 0.00	24.79 1.34 0.00
DASHVILLE___HYD 23610	23.75 1.39 0.00	21.64 1.26 0.00	20.68 1.19 0.00	20.71 1.23 0.00	21.41 1.23 0.00	23.63 1.32 0.00	31.02 1.59 0.00	40.20 2.24 0.00	34.74 2.12 0.00	28.79 1.81 0.00	26.55 1.78 0.00	26.51 1.80 0.00	26.93 1.83 0.00	28.26 1.87 0.00	30.08 2.02 0.00	34.67 2.65 -0.09	39.25 2.57 0.00	51.69 3.38 0.00	59.07 3.81 0.00	47.36 2.93 0.00	38.16 2.43 0.00	32.53 2.04 0.00	27.98 1.78 0.00	25.03 1.57 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	25.12 2.75 0.00	22.74 2.36 0.00	21.67 2.18 0.00	21.66 2.18 0.00	22.48 2.30 0.00	25.04 2.72 0.00	31.73 2.30 0.00	33.78 2.81 6.99	33.07 2.84 2.39	29.73 2.75 0.00	27.59 2.82 0.00	27.72 3.01 0.00	28.06 2.96 0.00	29.29 2.90 0.00	30.04 2.67 0.68	33.77 3.16 1.32	39.02 3.52 1.18	53.14 4.83 0.00	58.07 5.47 2.66	48.16 4.04 0.31	39.23 3.50 0.00	33.48 2.99 0.00	29.05 2.86 0.00	26.48 3.03 0.00
DELAWARE___LFGE 323621	23.37 1.01 0.00	21.29 0.92 0.00	20.35 0.86 0.00	20.36 0.88 0.00	21.11 0.93 0.00	23.34 1.03 0.00	30.78 1.35 0.00	39.75 1.78 0.00	34.15 1.53 0.00	28.27 1.30 0.00	25.91 1.14 0.00	25.84 1.14 0.00	26.18 1.08 0.00	27.55 1.16 0.00	29.32 1.26 0.00	33.36 1.37 -0.05	38.37 1.69 0.00	50.00 2.03 0.34	57.32 2.32 0.26	46.43 2.04 0.03	37.37 1.64 0.00	31.98 1.49 0.00	27.45 1.26 0.00	24.58 1.13 0.00
DERFIELD_115KV_TB7 355931	22.52 0.16 0.00	20.52 0.14 0.00	19.63 0.14 0.00	19.68 0.14 -0.06	20.32 0.14 0.00	22.47 0.16 0.00	29.64 0.21 0.00	38.23 0.27 0.00	32.88 0.26 0.00	27.17 0.19 0.00	24.94 0.17 0.00	24.88 0.17 0.00	25.27 0.18 0.00	26.54 0.16 0.00	28.26 0.20 0.00	32.15 0.22 0.00	36.94 0.26 0.00	48.65 0.34 0.00	55.64 0.39 0.00	44.73 0.31 0.00	35.98 0.25 0.00	30.70 0.21 0.00	26.40 0.21 0.00	23.64 0.19 0.00
DOGLEVILLE___HYD 23807	22.50 0.14 0.00	20.50 0.12 0.00	19.59 0.10 0.00	19.64 0.10 -0.06	20.28 0.10 0.00	22.45 0.13 0.00	29.64 0.21 0.00	38.11 0.15 0.00	32.75 0.13 0.00	27.06 0.08 0.00	24.85 0.07 0.00	24.83 0.12 0.00	25.15 0.05 0.00	26.36 -0.03 0.00	28.00 -0.06 0.00	31.83 -0.10 0.00	36.64 -0.04 0.00	48.21 -0.10 0.00	54.98 -0.27 0.00	44.11 -0.31 0.00	35.44 -0.29 0.00	30.31 -0.18 0.00	26.04 -0.16 0.00	23.27 -0.19 0.00
DUNKIRK___115KV_TB_200 55889	21.56 -0.81 0.00	19.66 -0.71 0.00	18.81 -0.68 0.00	18.76 -0.72 0.00	19.61 -0.57 0.00	21.58 -0.74 0.00	28.40 -1.03 0.00	36.18 -1.78 0.00	30.92 -1.70 0.00	26.14 -0.84 0.00	24.10 -0.67 0.00	23.94 -0.77 0.00	24.14 -0.95 0.00	25.70 -0.69 0.00	27.22 -0.84 0.00	30.16 -1.79 -0.02	34.85 -1.83 0.00	42.61 -4.35 1.35	49.80 -4.42 1.04	41.71 -2.58 0.14	33.66 -2.07 0.00	29.18 -1.31 0.00	25.23 -0.97 0.00	22.94 -0.52 0.00
DUNKIRK___1 23563	21.56 -0.81 0.00	19.66 -0.71 0.00	18.81 -0.68 0.00	18.76 -0.72 0.00	19.61 -0.57 0.00	21.58 -0.74 0.00	28.40 -1.03 0.00	36.18 -1.78 0.00	30.92 -1.70 0.00	26.14 -0.84 0.00	24.10 -0.67 0.00	23.94 -0.77 0.00	24.14 -0.95 0.00	25.70 -0.69 0.00	27.22 -0.84 0.00	30.16 -1.79 -0.02	34.85 -1.83 0.00	42.61 -4.35 1.35	49.80 -4.42 1.04	41.71 -2.58 0.14	33.66 -2.07 0.00	29.18 -1.31 0.00	25.23 -0.97 0.00	22.94 -0.52 0.00
DUNKIRK___2 23564	21.56 -0.81 0.00	19.66 -0.71 0.00	18.81 -0.68 0.00	18.76 -0.72 0.00	19.61 -0.57 0.00	21.58 -0.74 0.00	28.40 -1.03 0.00	36.18 -1.78 0.00	30.92 -1.70 0.00	26.14 -0.84 0.00	24.10 -0.67 0.00	23.94 -0.77 0.00	24.14 -0.95 0.00	25.70 -0.69 0.00	27.22 -0.84 0.00	30.16 -1.79 -0.02	34.85 -1.83 0.00	42.61 -4.35 1.35	49.80 -4.42 1.04	41.71 -2.58 0.14	33.66 -2.07 0.00	29.18 -1.31 0.00	25.23 -0.97 0.00	22.94 -0.52 0.00
DUNKIRK___3 23565	21.56 -0.81 0.00	19.66 -0.71 0.00	18.81 -0.68 0.00	18.76 -0.72 0.00	19.61 -0.57 0.00	21.58 -0.74 0.00	28.37 -1.06 0.00	36.14 -1.82 0.00	30.89 -1.73 0.00	26.09 -0.89 0.00	24.05 -0.72 0.00	23.89 -0.82 0.00	24.09 -1.00 0.00	25.65 -0.74 0.00	27.16 -0.90 0.00	30.13 -1.82 -0.02	34.81 -1.87 0.00	42.60 -4.35 1.36	49.68 -4.53 1.04	41.57 -2.71 0.14	33.55 -2.18 0.00	29.09 -1.40 0.00	25.15 -1.05 0.00	22.85 -0.61 0.00
DUNKIRK___4 23566	21.56 -0.81 0.00	19.66 -0.71 0.00	18.81 -0.68 0.00	18.76 -0.72 0.00	19.61 -0.57 0.00	21.58 -0.74 0.00	28.37 -1.06 0.00	36.14 -1.82 0.00	30.89 -1.73 0.00	26.09 -0.89 0.00	24.05 -0.72 0.00	23.89 -0.82 0.00	24.09 -1.00 0.00	25.65 -0.74 0.00	27.16 -0.90 0.00	30.13 -1.82 -0.02	34.81 -1.87 0.00	42.60 -4.35 1.36	49.68 -4.53 1.04	41.57 -2.71 0.14	33.55 -2.18 0.00	29.09 -1.40 0.00	25.15 -1.05 0.00	22.85 -0.61 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.06 1.70 0.00	21.90 1.53 0.00	20.95 1.46 0.00	20.96 1.48 0.00	21.65 1.47 0.00	23.92 1.61 0.00	31.40 1.97 0.00	40.62 2.66 0.00	35.26 2.64 0.00	29.27 2.29 0.00	27.00 2.23 0.00	27.00 2.30 0.00	27.43 2.33 0.00	28.79 2.40 0.00	30.61 2.55 0.00	34.93 2.91 -0.10	39.80 3.12 0.00	52.46 4.15 0.00	59.96 4.70 0.00	48.02 3.60 0.00	38.73 3.00 0.00	33.02 2.53 0.00	28.37 2.17 0.00	25.40 1.95 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.86 1.50 0.00	21.74 1.37 0.00	20.80 1.31 0.00	20.79 1.31 0.00	21.51 1.33 0.00	23.77 1.45 0.00	31.23 1.80 0.00	40.43 2.47 0.00	34.93 2.32 0.00	28.95 1.97 0.00	26.65 1.88 0.00	26.58 1.88 0.00	27.03 1.93 0.00	28.36 1.98 0.00	30.22 2.16 0.00	34.54 2.52 -0.09	39.47 2.79 0.00	52.03 3.72 0.00	59.46 4.20 0.00	47.71 3.29 0.00	38.41 2.68 0.00	32.68 2.20 0.00	28.11 1.91 0.00	25.14 1.69 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	24.38 2.01 0.00	22.20 1.81 -0.01	21.19 1.70 -0.01	21.20 1.71 -0.01	21.92 1.74 -0.01	24.06 1.74 0.00	31.49 2.06 0.00	40.43 2.47 0.00	35.26 2.64 0.00	29.30 2.32 0.00	27.05 2.28 0.00	27.05 2.35 0.00	27.51 2.41 0.00	28.87 2.48 0.00	30.70 2.64 0.00	35.03 3.00 -0.10	39.65 2.97 0.00	52.27 3.96 0.00	59.68 4.42 0.00	47.80 3.38 0.00	38.69 2.97 0.00	33.11 2.62 0.00	28.55 2.36 0.00	25.71 2.25 0.00
E179THST_13_KV_LOAD 356214	24.47 2.10 0.00	22.28 1.89 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.14 1.83 0.00	31.64 2.21 0.00	40.62 2.66 0.00	35.42 2.81 0.00	29.43 2.46 0.00	27.17 2.40 0.00	27.17 2.47 0.00	27.63 2.53 0.00	29.00 2.61 0.00	30.84 2.78 0.00	35.19 3.16 -0.10	39.84 3.15 0.00	52.56 4.25 0.00	60.01 4.75 0.00	48.02 3.60 0.00	38.91 3.18 0.00	33.26 2.77 0.00	28.68 2.49 0.00	25.80 2.35 0.00
EAST HAMPTON___GT 23717	25.34 2.97 0.00	22.92 2.55 0.00	21.87 2.38 0.00	21.82 2.34 0.00	22.68 2.50 0.00	25.19 2.88 0.00	32.28 2.85 0.01	34.19 3.22 7.00	33.42 3.20 2.40	29.97 2.99 0.00	27.82 3.05 0.00	27.99 3.29 0.00	28.31 3.21 0.00	29.52 3.14 0.00	30.34 2.97 0.69	34.11 3.51 1.33	39.49 4.00 1.19	53.76 5.46 0.01	58.78 6.19 2.67	48.77 4.66 0.32	39.68 3.97 0.01	33.78 3.29 0.00	29.28 3.09 0.00	26.75 3.28 -0.01
EAST RIVER___6 23660	24.26 1.90 0.00	22.07 1.69 0.00	21.13 1.64 0.00	21.08 1.60 0.00	21.81 1.63 0.00	24.06 1.74 0.00	31.79 2.36 0.00	40.96 3.00 0.00	35.68 3.07 0.00	29.63 2.65 0.00	27.35 2.58 0.00	27.35 2.64 0.00	27.81 2.71 0.00	29.18 2.80 0.00	31.06 3.00 0.00	35.41 3.38 -0.10	40.24 3.56 0.00	52.99 4.68 0.00	60.45 5.19 0.00	48.47 4.04 0.00	39.19 3.46 0.00	33.29 2.80 0.00	28.66 2.46 0.00	25.64 2.18 0.00
EAST RIVER___7 23524	24.26 1.90 0.00	22.07 1.69 0.00	21.13 1.64 0.00	21.08 1.60 0.00	21.81 1.63 0.00	24.06 1.74 0.00	31.79 2.36 0.00	40.96 3.00 0.00	35.68 3.07 0.00	29.63 2.65 0.00	27.35 2.58 0.00	27.35 2.64 0.00	27.81 2.71 0.00	29.18 2.80 0.00	31.06 3.00 0.00	35.41 3.38 -0.10	40.24 3.56 0.00	52.99 4.68 0.00	60.45 5.19 0.00	48.47 4.04 0.00	39.19 3.46 0.00	33.29 2.80 0.00	28.66 2.46 0.00	25.64 2.18 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.02 1.66 0.00	21.86 1.49 0.00	20.93 1.44 0.00	20.92 1.44 0.00	21.63 1.45 0.00	23.90 1.58 0.00	31.34 1.91 0.00	40.54 2.58 0.00	35.19 2.58 0.00	29.19 2.21 0.00	26.93 2.16 0.00	26.93 2.22 0.00	27.36 2.26 0.00	28.71 2.32 0.00	30.53 2.47 0.00	34.84 2.81 -0.10	39.73 3.04 0.00	52.37 4.06 0.00	59.84 4.59 0.00	47.93 3.51 0.00	38.66 2.93 0.00	32.93 2.44 0.00	28.32 2.12 0.00	25.36 1.90 0.00
EAST_HAMPTON___DIESEL 23722	25.34 2.97 0.00	22.92 2.55 0.00	21.87 2.38 0.00	21.82 2.34 0.00	22.68 2.50 0.00	25.19 2.88 0.00	32.28 2.85 0.01	34.19 3.22 7.00	33.42 3.20 2.40	29.97 2.99 0.00	27.84 3.07 0.00	27.99 3.29 0.00	28.31 3.21 0.00	29.52 3.14 0.00	30.34 2.97 0.69	34.14 3.54 1.33	39.49 4.00 1.19	53.76 5.46 0.01	58.78 6.19 2.67	48.77 4.66 0.32	39.68 3.97 0.01	33.81 3.32 0.00	29.28 3.09 0.00	26.77 3.31 -0.01
EAST_POINT___SOLAR 323840	24.33 1.97 0.00	22.21 1.83 0.00	21.15 1.66 0.00	21.10 1.62 0.00	21.93 1.75 0.00	24.32 2.01 0.00	32.34 2.91 0.00	41.53 3.57 0.00	34.80 2.19 0.00	28.09 1.11 0.00	25.24 0.47 0.00	25.12 0.42 0.00	25.70 0.60 0.00	26.91 0.53 0.00	29.07 1.01 0.00	33.72 1.75 -0.03	40.13 3.45 0.00	53.53 5.22 0.00	61.45 6.19 0.00	49.44 5.02 0.00	39.69 3.97 0.00	33.60 3.11 0.00	28.66 2.46 0.00	25.64 2.18 0.00
EAST_PULASKI___ESR 323781	22.01 -0.36 0.00	20.05 -0.33 0.00	19.18 -0.31 0.00	19.10 -0.31 0.07	19.86 -0.32 0.00	22.00 -0.31 0.00	28.99 -0.44 0.00	37.39 -0.57 0.00	32.06 -0.55 0.00	26.47 -0.51 0.00	24.23 -0.55 0.00	24.14 -0.57 0.00	24.47 -0.63 0.00	25.75 -0.63 0.00	27.39 -0.67 0.00	31.17 -0.77 0.00	35.84 -0.84 0.00	48.28 -1.02 -0.99	54.96 -1.05 -0.76	43.77 -0.76 -0.10	35.19 -0.53 0.00	30.09 -0.40 0.00	25.78 -0.42 0.00	23.01 -0.45 0.00
EAST_RIVER___1 323558	24.20 1.83 0.00	22.02 1.65 0.00	21.09 1.60 0.00	21.04 1.56 0.00	21.77 1.59 0.00	24.01 1.70 0.00	31.70 2.27 0.00	40.84 2.88 0.00	35.52 2.90 0.00	29.49 2.51 0.00	27.22 2.45 0.00	27.22 2.52 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.89 2.83 0.00	35.22 3.19 -0.10	40.05 3.37 0.00	52.80 4.49 0.00	60.29 5.03 0.00	48.29 3.86 0.00	39.01 3.28 0.00	33.20 2.71 0.00	28.55 2.36 0.00	25.57 2.11 0.00
EAST_RIVER___2 323559	24.26 1.90 0.00	22.07 1.69 0.00	21.13 1.64 0.00	21.08 1.60 0.00	21.81 1.63 0.00	24.06 1.74 0.00	31.79 2.36 0.00	40.96 3.00 0.00	35.68 3.07 0.00	29.63 2.65 0.00	27.35 2.58 0.00	27.35 2.64 0.00	27.81 2.71 0.00	29.18 2.80 0.00	31.06 3.00 0.00	35.41 3.38 -0.10	40.24 3.56 0.00	52.99 4.68 0.00	60.45 5.19 0.00	48.47 4.04 0.00	39.19 3.46 0.00	33.29 2.80 0.00	28.66 2.46 0.00	25.64 2.18 0.00
EAST___DELAWARE_HYD 23607	23.91 1.54 0.00	21.78 1.40 0.00	20.83 1.34 0.00	20.81 1.33 0.00	21.55 1.37 0.00	23.81 1.50 0.00	31.43 2.00 0.00	40.62 2.66 0.00	35.00 2.38 0.00	28.95 1.97 0.00	26.63 1.86 0.00	26.56 1.85 0.00	26.98 1.88 0.00	28.31 1.93 0.00	30.19 2.13 0.00	34.54 2.52 -0.09	39.51 2.82 0.00	52.08 3.77 0.00	59.51 4.26 0.00	47.84 3.42 0.00	38.52 2.79 0.00	32.78 2.29 0.00	28.16 1.97 0.00	25.22 1.76 0.00
EIGHT_POINT___WT_PWR 323820	22.19 -0.18 0.00	20.27 -0.10 0.00	19.30 -0.19 0.00	19.35 -0.14 0.00	20.14 -0.04 0.00	22.20 -0.11 0.00	29.28 -0.15 0.00	37.51 -0.45 0.00	32.68 0.07 0.00	27.60 0.62 0.00	25.44 0.67 0.00	25.29 0.59 0.00	25.42 0.33 0.00	26.97 0.58 0.00	27.83 -0.23 0.00	31.03 -0.93 -0.02	35.54 -1.14 0.00	44.27 -3.00 1.05	51.64 -2.82 0.80	42.76 -1.56 0.11	34.51 -1.21 0.00	29.88 -0.61 0.00	25.70 -0.50 0.00	23.18 -0.28 0.00
ELBRIDGE_115KV_TB2 80188	21.98 -0.38 0.00	20.03 -0.35 0.00	19.16 -0.33 0.00	19.13 -0.35 0.00	19.84 -0.34 0.00	21.91 -0.40 0.00	28.96 -0.47 0.00	37.28 -0.68 0.00	31.97 -0.65 0.00	26.47 -0.51 0.00	24.25 -0.52 0.00	24.18 -0.52 0.00	24.54 -0.55 0.00	25.83 -0.55 0.00	27.44 -0.62 0.00	31.23 -0.70 -0.01	35.84 -0.84 0.00	47.15 -1.16 0.00	54.04 -1.22 0.00	43.58 -0.84 0.00	35.05 -0.68 0.00	29.94 -0.55 0.00	25.70 -0.50 0.00	22.96 -0.49 0.00
ELEC_TRO_TEK 24086	24.27 1.90 0.00	22.03 1.65 0.00	21.05 1.56 0.00	21.04 1.56 0.00	21.77 1.59 0.00	24.17 1.85 0.00	31.23 1.80 0.00	38.39 2.28 1.85	34.37 2.38 0.63	29.25 2.27 0.00	27.05 2.28 0.00	27.12 2.42 0.00	27.51 2.41 0.00	28.76 2.37 0.00	30.24 2.36 0.18	34.30 2.65 0.28	39.19 2.82 0.31	52.17 3.86 0.00	58.86 4.31 0.70	47.63 3.29 0.08	38.48 2.75 0.00	32.87 2.38 0.00	28.42 2.23 0.00	25.66 2.20 0.00



ELLENBURG_WT_PWR 323604	21.60 -0.76 0.00	19.61 -0.75 0.01	18.68 -0.80 0.01	17.41 -0.86 1.21	-7.07 -0.87 26.38	-7.10 -0.89 28.52	-7.11 -1.15 35.39	-6.87 -1.40 43.43	0.09 -1.31 31.22	25.87 -1.11 0.00	23.93 -0.84 0.00	23.67 -1.04 0.00	0.22 -0.95 23.92	-6.99 -1.03 32.35	-6.99 -1.09 33.96	-7.02 -1.25 37.71	35.20 -1.28 0.20	35.38 -1.59 11.34	-5.76 -2.04 58.98	-6.47 -1.86 49.03	34.30 -1.43 0.00	29.21 -1.28 0.00	25.10 -1.10 0.00	22.56 -0.89 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.36 -1.01 0.00	19.48 -0.90 0.00	18.61 -0.88 0.00	18.57 -0.92 0.00	19.41 -0.77 0.00	21.31 -1.00 0.00	28.02 -1.41 0.00	35.72 -2.24 0.00	30.56 -2.05 0.00	25.82 -1.16 0.00	23.80 -0.97 0.00	23.64 -1.06 0.00	23.84 -1.25 0.00	25.33 -1.06 0.00	26.83 -1.23 0.00	29.87 -2.08 -0.02	34.37 -2.31 0.00	42.15 -4.73 1.42	49.09 -5.08 1.09	40.99 -3.29 0.14	33.08 -2.64 0.00	28.69 -1.80 0.00	24.81 -1.39 0.00	22.52 -0.94 0.00
EMPIRE_CC_1 323656	23.50 1.14 0.00	21.41 1.04 0.00	20.52 1.03 0.00	20.47 0.99 0.00	21.19 1.01 0.00	23.43 1.12 0.00	30.93 1.50 0.00	40.12 2.16 0.00	34.64 2.02 0.00	28.52 1.54 0.00	26.18 1.41 0.00	26.13 1.43 0.00	26.58 1.48 0.00	27.84 1.45 0.00	29.63 1.57 0.00	33.91 1.88 -0.10	38.99 2.31 0.00	51.45 3.14 0.00	58.74 3.48 0.00	47.04 2.62 0.00	37.98 2.25 0.00	32.26 1.77 0.00	27.77 1.57 0.00	24.77 1.31 0.00
EMPIRE_CC_2 323658	23.50 1.14 0.00	21.41 1.04 0.00	20.52 1.03 0.00	20.47 0.99 0.00	21.19 1.01 0.00	23.43 1.12 0.00	30.93 1.50 0.00	40.12 2.16 0.00	34.64 2.02 0.00	28.52 1.54 0.00	26.18 1.41 0.00	26.13 1.43 0.00	26.58 1.48 0.00	27.84 1.45 0.00	29.63 1.57 0.00	33.91 1.88 -0.10	38.99 2.31 0.00	51.45 3.14 0.00	58.74 3.48 0.00	47.04 2.62 0.00	37.98 2.25 0.00	32.26 1.77 0.00	27.77 1.57 0.00	24.77 1.31 0.00
ENORWICH_115KV_TB1 80156	23.57 1.21 0.00	21.39 1.02 0.00	20.39 0.90 0.00	20.42 0.94 0.00	21.19 1.01 0.00	23.56 1.25 0.00	31.40 1.97 0.00	40.54 2.58 0.00	34.38 1.76 0.00	28.25 1.27 0.00	25.66 0.89 0.00	25.54 0.84 0.00	25.62 0.53 0.00	27.10 0.71 0.00	28.90 0.84 0.00	32.86 0.89 -0.04	38.30 1.61 0.00	50.07 2.17 0.41	57.59 2.65 0.32	47.09 2.71 0.04	37.87 2.14 0.00	32.50 2.01 0.00	27.74 1.55 0.00	24.68 1.22 0.00
ERIE_ST__34_KV_TB1-2 80199	21.67 -0.69 0.00	19.76 -0.61 0.00	18.91 -0.58 0.00	18.86 -0.62 0.00	19.74 -0.44 0.00	21.71 -0.60 0.00	28.58 -0.85 0.00	36.37 -1.59 0.00	31.05 -1.57 0.00	26.25 -0.73 0.00	24.20 -0.57 0.00	24.04 -0.67 0.00	24.22 -0.88 0.00	25.81 -0.58 0.00	27.33 -0.73 0.00	30.00 -1.95 -0.02	35.03 -1.65 0.00	42.29 -4.64 1.38	49.28 -4.92 1.06	41.31 -2.98 0.14	33.58 -2.14 0.00	29.12 -1.37 0.00	25.15 -1.05 0.00	22.87 -0.59 0.00
ERIE_WT_PWR 323693	21.52 -0.85 0.00	19.68 -0.69 0.00	18.75 -0.74 0.00	18.84 -0.64 0.00	19.55 -0.63 0.00	21.60 -0.71 0.00	28.43 -1.00 0.00	36.10 -1.86 0.00	30.79 -1.83 0.00	26.01 -0.97 0.00	23.98 -0.79 0.00	23.81 -0.89 0.00	23.99 -1.10 0.00	25.57 -0.82 0.00	27.05 -1.01 0.00	30.00 -1.95 -0.02	34.63 -2.05 0.00	42.32 -4.59 1.39	49.38 -4.81 1.07	41.22 -3.06 0.14	33.33 -2.39 0.00	29.00 -1.49 0.00	24.99 -1.20 0.00	22.78 -0.68 0.00
ESPRGFLD_115KV_TB1 80157	23.86 1.50 0.00	21.74 1.37 0.00	20.76 1.27 0.00	20.75 1.27 0.00	21.55 1.37 0.00	23.88 1.56 0.00	31.61 2.18 0.00	40.73 2.77 0.00	34.74 2.12 0.00	28.60 1.62 0.00	26.01 1.24 0.00	25.91 1.21 0.00	26.28 1.18 0.00	27.65 1.27 0.00	29.58 1.52 0.00	33.79 1.82 -0.04	39.25 2.57 0.00	51.50 3.43 0.24	59.11 4.03 0.18	47.82 3.42 0.02	38.48 2.75 0.00	32.81 2.32 0.00	28.06 1.86 0.00	25.12 1.67 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.34 -0.02 0.00	20.31 -0.06 0.00	19.41 -0.08 0.00	19.40 -0.08 0.00	20.12 -0.06 0.00	22.27 -0.04 0.00	29.55 0.12 0.00	38.07 0.11 0.00	32.55 -0.07 0.00	26.87 -0.11 0.00	24.55 -0.22 0.00	24.46 -0.25 0.00	24.75 -0.35 0.00	26.10 -0.29 0.00	27.75 -0.31 0.00	31.63 -0.32 -0.02	36.39 -0.29 0.00	47.67 -0.29 0.35	54.88 -0.11 0.27	44.48 0.09 0.04	35.80 0.07 0.00	30.55 0.06 0.00	26.22 0.03 0.00	23.34 -0.12 0.00
ETNA____115KV_TB2 80207	22.34 -0.02 0.00	20.31 -0.06 0.00	19.41 -0.08 0.00	19.40 -0.08 0.00	20.12 -0.06 0.00	22.27 -0.04 0.00	29.55 0.12 0.00	38.07 0.11 0.00	32.55 -0.07 0.00	26.87 -0.11 0.00	24.55 -0.22 0.00	24.46 -0.25 0.00	24.75 -0.35 0.00	26.10 -0.29 0.00	27.75 -0.31 0.00	31.63 -0.32 -0.02	36.39 -0.29 0.00	47.67 -0.29 0.35	54.88 -0.11 0.27	44.48 0.09 0.04	35.80 0.07 0.00	30.55 0.06 0.00	26.22 0.03 0.00	23.34 -0.12 0.00
EUCLID____115KV_TB2 356179	21.92 -0.45 0.00	19.95 -0.43 0.00	19.08 -0.41 0.00	19.07 -0.41 0.00	19.78 -0.40 0.00	21.85 -0.47 0.00	28.84 -0.59 0.00	37.13 -0.84 0.00	31.87 -0.75 0.00	26.39 -0.59 0.00	24.20 -0.57 0.00	24.13 -0.57 0.00	24.47 -0.63 0.00	25.78 -0.61 0.00	27.39 -0.67 0.00	31.17 -0.77 0.00	35.73 -0.95 0.00	46.24 -1.30 0.76	53.29 -1.38 0.58	43.32 -1.02 0.08	34.94 -0.79 0.00	29.85 -0.64 0.00	25.62 -0.58 0.00	22.89 -0.56 0.00
E_CANADA_CAP_HY 24051	24.13 1.77 0.00	22.01 1.63 0.00	20.99 1.50 0.00	20.94 1.46 0.00	21.76 1.58 0.00	24.10 1.79 0.00	31.96 2.53 0.00	41.11 3.15 0.00	34.97 2.35 0.00	28.57 1.59 0.00	25.89 1.12 0.00	25.76 1.06 0.00	26.30 1.20 0.00	27.60 1.21 0.00	29.60 1.54 0.00	34.04 2.07 -0.04	39.84 3.16 0.00	52.80 4.49 0.00	60.56 5.31 0.00	48.73 4.31 0.00	39.16 3.43 0.00	33.26 2.77 0.00	28.42 2.23 0.00	25.40 1.95 0.00
E_CANADA_MHWK_HY 24050	22.50 0.14 0.00	20.50 0.12 0.00	19.59 0.10 0.00	19.64 0.10 -0.06	20.28 0.10 0.00	22.45 0.13 0.00	29.64 0.21 0.00	38.11 0.15 0.00	32.75 0.13 0.00	27.06 0.08 0.00	24.85 0.07 0.00	24.83 0.12 0.00	25.15 0.05 0.00	26.36 -0.03 0.00	28.00 -0.06 0.00	31.83 -0.10 0.00	36.64 -0.04 0.00	48.21 -0.10 0.00	54.98 -0.27 0.00	44.11 -0.31 0.00	35.44 -0.29 0.00	30.31 -0.18 0.00	26.04 -0.16 0.00	23.27 -0.19 0.00
E_FISHKILL____LBMP 23776	23.86 1.50 0.00	21.72 1.34 0.00	20.80 1.31 0.00	20.79 1.31 0.00	21.49 1.31 0.00	23.74 1.43 0.00	31.17 1.74 0.00	40.35 2.39 0.00	34.97 2.35 0.00	28.98 2.00 0.00	26.70 1.93 0.00	26.68 1.98 0.00	27.10 2.01 0.00	28.44 2.06 0.00	30.25 2.19 0.00	34.55 2.52 -0.10	39.47 2.79 0.00	52.03 3.72 0.00	59.40 4.14 0.00	47.62 3.20 0.00	38.41 2.68 0.00	32.71 2.23 0.00	28.13 1.94 0.00	25.17 1.71 0.00
FALCON____SEABRD_CC1 323796	22.12 -0.25 0.00	20.08 -0.29 0.01	19.11 -0.37 0.01	17.87 -0.41 1.20	-7.05 -0.36 26.87	-7.00 -0.27 29.05	-6.96 -0.35 36.04	-6.65 -0.38 44.23	0.24 -0.59 31.79	26.47 -0.51 0.00	24.50 -0.27 0.00	23.91 -0.79 0.00	0.08 -0.65 24.36	-7.27 -0.71 32.94	-7.28 -0.76 34.58	-7.30 -0.83 38.40	35.60 -0.88 0.20	35.60 -1.16 11.55	-6.24 -1.44 60.06	-6.31 -0.80 49.93	35.09 -0.64 0.00	29.88 -0.61 0.00	25.62 -0.58 0.00	23.08 -0.38 0.00



FALCON___SEABRD_CC2 323797	22.12 -0.25 0.00	20.08 -0.29 0.01	19.11 -0.37 0.01	17.87 -0.41 1.20	-7.05 -0.36 26.87	-7.00 -0.27 29.05	-6.96 -0.35 36.04	-6.65 -0.38 44.23	0.24 -0.59 31.79	26.47 -0.51 0.00	24.50 -0.27 0.00	23.91 -0.79 0.00	0.08 -0.65 24.36	-7.27 -0.71 32.94	-7.28 -0.76 34.58	-7.30 -0.83 38.40	35.60 -0.88 0.20	35.60 -1.16 11.55	-6.24 -1.44 60.06	-6.31 -0.80 49.93	35.09 -0.64 0.00	29.88 -0.61 0.00	25.62 -0.58 0.00	23.08 -0.38 0.00
FAR ROCKAWAY___4 23548	24.51 2.15 0.00	22.23 1.85 0.00	21.23 1.73 0.00	21.22 1.73 0.00	21.98 1.80 0.00	24.37 2.05 0.00	31.55 2.12 0.00	39.62 2.62 0.96	35.00 2.71 0.33	29.52 2.54 0.00	27.30 2.53 0.00	27.37 2.67 0.00	27.78 2.69 0.00	29.08 2.69 0.00	30.66 2.69 0.09	34.86 3.03 0.10	39.82 3.30 0.16	52.80 4.49 0.00	59.98 5.08 0.37	48.29 3.91 0.04	38.98 3.25 0.00	33.29 2.80 0.00	28.74 2.54 0.00	25.92 2.46 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.20 1.83 0.00	22.03 1.65 0.00	21.09 1.60 0.00	21.08 1.60 0.00	21.77 1.59 0.00	24.03 1.72 0.00	31.58 2.15 0.00	40.81 2.85 0.00	35.49 2.87 0.00	29.49 2.51 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.66 2.56 0.00	29.02 2.64 0.00	30.87 2.81 0.00	35.19 3.16 -0.10	40.02 3.34 0.00	52.75 4.44 0.00	60.23 4.97 0.00	48.24 3.82 0.00	38.94 3.22 0.00	33.20 2.71 0.00	28.55 2.36 0.00	25.54 2.09 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.20 1.83 0.00	22.03 1.65 0.00	21.09 1.60 0.00	21.08 1.60 0.00	21.77 1.59 0.00	24.03 1.72 0.00	31.58 2.15 0.00	40.81 2.85 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.66 2.56 0.00	29.02 2.64 0.00	30.87 2.81 0.00	35.19 3.16 -0.10	40.02 3.34 0.00	52.75 4.44 0.00	60.23 4.97 0.00	48.24 3.82 0.00	38.98 3.25 0.00	33.20 2.71 0.00	28.55 2.36 0.00	25.54 2.09 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.18 1.81 0.00	22.00 1.63 0.00	21.07 1.58 0.00	21.08 1.60 0.00	21.75 1.57 0.00	24.01 1.70 0.00	31.55 2.12 0.00	40.77 2.77 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.17 2.47 0.00	27.63 2.53 0.00	29.02 2.64 0.00	30.87 2.81 0.00	35.19 3.16 -0.10	39.98 3.30 0.00	52.70 4.40 0.00	60.18 4.92 0.00	48.20 3.78 0.00	38.94 3.22 0.00	33.20 2.71 0.00	28.53 2.33 0.00	25.54 2.09 0.00
FARRAGUT___LBMP 323566	24.18 1.81 0.00	22.00 1.63 0.00	21.07 1.58 0.00	21.06 1.58 0.00	21.75 1.57 0.00	24.01 1.70 0.00	31.55 2.12 0.00	40.73 2.77 0.00	35.46 2.84 0.00	29.43 2.46 0.00	27.17 2.40 0.00	27.17 2.47 0.00	27.61 2.51 0.00	29.00 2.61 0.00	30.84 2.78 0.00	35.16 3.13 -0.10	39.95 3.26 0.00	52.66 4.35 0.00	60.18 4.92 0.00	48.15 3.73 0.00	38.91 3.18 0.00	33.17 2.68 0.00	28.53 2.33 0.00	25.52 2.06 0.00
FENNER___WINDPWR 24204	22.57 0.20 0.00	20.54 0.16 0.00	19.63 0.14 0.00	19.64 0.16 0.00	20.34 0.16 0.00	22.56 0.25 0.00	29.84 0.41 0.00	38.72 0.76 0.00	33.14 0.52 0.00	27.36 0.38 0.00	24.99 0.22 0.00	24.92 0.22 0.00	25.20 0.10 0.00	26.55 0.16 0.00	28.26 0.20 0.00	32.03 0.10 -0.01	36.87 0.18 0.00	48.38 0.34 0.27	55.49 0.44 0.21	44.84 0.44 0.03	36.12 0.39 0.00	30.86 0.37 0.00	26.46 0.26 0.00	23.62 0.17 0.00
FIBERTEK___ENERGY 23856	22.10 -0.27 0.00	20.11 -0.26 0.00	19.24 -0.25 0.00	19.23 -0.25 0.00	19.92 -0.26 0.00	22.00 -0.31 0.00	29.11 -0.32 0.00	37.47 -0.49 0.00	32.13 -0.49 0.00	26.60 -0.38 0.00	24.37 -0.40 0.00	24.31 -0.40 0.00	24.67 -0.43 0.00	25.96 -0.42 0.00	27.61 -0.45 0.00	31.39 -0.54 -0.01	36.02 -0.66 0.00	47.44 -0.87 0.00	54.37 -0.88 0.00	43.85 -0.58 0.00	35.26 -0.46 0.00	30.09 -0.40 0.00	25.85 -0.34 0.00	23.08 -0.38 0.00
FITZPATRICK____ 23598	21.65 -0.72 0.00	19.72 -0.65 0.00	18.87 -0.62 0.00	18.88 -0.60 0.00	19.53 -0.65 0.00	21.60 -0.71 0.00	28.46 -0.97 0.00	36.63 -1.33 0.00	31.44 -1.17 0.00	26.03 -0.95 0.00	23.88 -0.89 0.00	23.81 -0.89 0.00	24.17 -0.93 0.00	25.44 -0.95 0.00	27.02 -1.04 0.00	30.75 -1.18 0.00	35.29 -1.39 0.00	46.42 -1.88 0.00	53.16 -2.10 0.00	42.83 -1.60 0.00	34.44 -1.28 0.00	29.42 -1.07 0.00	25.28 -0.92 0.00	22.61 -0.84 0.00
FLOWRFLD_69_KV_BK1 356044	24.67 2.30 0.00	22.33 1.96 0.00	21.30 1.81 0.00	21.29 1.81 0.00	22.08 1.90 0.00	24.59 2.28 0.00	31.14 1.71 0.00	33.01 2.01 6.96	32.39 2.15 2.38	29.30 2.32 0.00	27.17 2.40 0.00	27.30 2.59 0.00	27.63 2.53 0.00	28.79 2.40 0.00	29.46 2.08 0.68	33.01 2.39 1.32	38.11 2.60 1.18	51.69 3.38 0.00	56.42 3.81 2.65	46.92 2.80 0.31	38.30 2.57 0.00	32.74 2.26 0.00	28.61 2.41 0.00	26.08 2.63 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.02 1.66 0.00	21.86 1.49 0.00	20.91 1.42 0.00	20.92 1.44 0.00	21.63 1.45 0.00	23.90 1.58 0.00	31.43 2.00 0.00	40.73 2.77 0.00	35.23 2.61 0.00	29.14 2.16 0.00	26.83 2.06 0.00	26.78 2.07 0.00	27.23 2.13 0.00	28.55 2.16 0.00	30.42 2.36 0.00	34.80 2.78 -0.10	39.76 3.08 0.00	52.46 4.15 0.00	59.90 4.64 0.00	48.07 3.64 0.00	38.69 2.97 0.00	32.93 2.44 0.00	28.29 2.10 0.00	25.31 1.85 0.00
FORT ORANGE____ 23900	23.19 0.83 0.00	21.15 0.77 0.00	20.29 0.80 0.00	20.24 0.76 0.00	20.93 0.75 0.00	23.12 0.80 0.00	30.61 1.18 0.00	39.63 1.67 0.00	34.15 1.53 0.00	28.06 1.08 0.00	25.71 0.94 0.00	25.66 0.96 0.00	26.13 1.03 0.00	27.36 0.98 0.00	29.15 1.09 0.00	33.44 1.44 -0.07	38.44 1.76 0.00	50.82 2.51 0.00	58.13 2.87 0.00	46.60 2.18 0.00	37.55 1.82 0.00	31.86 1.37 0.00	27.38 1.18 0.00	24.44 0.98 0.00
FORT_DRUM_COGEN 23780	22.39 0.02 0.00	20.37 0.00 0.00	19.47 -0.02 0.00	19.24 0.00 0.24	21.27 0.02 -1.07	23.63 0.16 -1.15	31.30 0.44 -1.43	40.40 0.68 -1.76	34.18 0.29 -1.26	26.98 0.00 0.00	24.60 -0.17 0.00	24.48 -0.22 0.00	25.66 -0.40 -0.97	27.35 -0.34 -1.31	29.07 -0.36 -1.37	33.01 -0.45 -1.53	36.65 -0.04 -0.01	49.31 0.24 -0.76	58.21 0.33 -2.62	44.72 0.27 -0.03	36.01 0.29 0.00	30.82 0.34 0.00	26.30 0.10 0.00	23.46 0.00 0.00
FOX_HILLS___ESR 323835	24.48 2.10 -0.01	22.32 1.94 -0.01	21.35 1.85 -0.01	21.36 1.87 -0.01	22.06 1.88 -0.01	24.21 1.90 0.00	31.73 2.30 0.00	39.28 2.51 1.19	35.36 2.74 0.00	29.33 2.35 0.00	27.07 2.30 0.00	27.07 2.37 0.00	27.53 2.43 0.00	28.92 2.53 0.00	30.78 2.72 0.00	35.16 3.13 -0.10	39.69 3.01 0.00	52.41 4.11 0.00	59.79 4.53 0.00	47.89 3.47 0.00	38.80 3.07 0.00	33.35 2.87 0.00	28.79 2.59 0.00	25.86 2.39 -0.01
FPL FAR_ROCK_GT1 24212	24.51 2.15 0.00	22.23 1.85 0.00	21.22 1.73 0.00	21.20 1.71 0.00	21.98 1.80 0.00	24.32 2.01 0.00	31.69 2.27 0.01	39.65 2.66 0.97	34.99 2.71 0.34	29.49 2.51 0.00	27.30 2.53 0.00	27.37 2.67 0.00	27.78 2.69 0.00	29.05 2.66 0.00	30.65 2.69 0.10	34.86 3.03 0.11	39.81 3.30 0.17	52.79 4.49 0.01	59.96 5.08 0.37	48.28 3.91 0.05	38.97 3.25 0.01	33.29 2.80 0.00	28.71 2.52 0.00	25.93 2.46 -0.01



FPL FAR_ROCK_GT2 23815	24.51 2.15 0.00	22.23 1.85 0.00	21.22 1.73 0.00	21.20 1.71 0.00	21.98 1.80 0.00	24.32 2.01 0.00	31.69 2.27 0.01	39.65 2.66 0.97	34.99 2.71 0.34	29.49 2.51 0.00	27.30 2.53 0.00	27.37 2.67 0.00	27.78 2.69 0.00	29.05 2.66 0.00	30.65 2.69 0.10	34.86 3.03 0.11	39.81 3.30 0.17	52.79 4.49 0.01	59.96 5.08 0.37	48.28 3.91 0.05	38.97 3.25 0.01	33.29 2.80 0.00	28.71 2.52 0.00	25.93 2.46 -0.01
FRANKLIN_FALL_HYD 24054	21.87 -0.49 0.00	19.90 -0.47 0.01	18.96 -0.53 0.01	17.80 -0.55 1.13	36.69 -0.50 -17.01	40.26 -0.45 -18.39	51.72 -0.53 -22.82	65.36 -0.61 -28.01	52.00 -0.75 -20.14	26.31 -0.67 0.00	24.28 -0.50 0.00	24.06 -0.64 0.00	40.00 -0.53 -15.43	46.67 -0.58 -20.86	49.34 -0.62 -21.90	55.55 -0.70 -24.32	36.26 -0.55 -0.13	54.99 -0.63 -7.31	92.19 -1.11 -38.04	43.36 -1.07 0.00	34.94 -0.79 0.00	29.70 -0.79 0.00	25.46 -0.73 0.00	22.94 -0.52 0.00
FREEPORT_EQUS_GT1 23764	24.42 2.06 0.00	22.15 1.77 0.00	21.15 1.66 0.00	21.10 1.62 0.00	21.89 1.71 0.00	24.26 1.94 0.00	31.45 2.03 0.01	36.23 2.32 4.05	33.64 2.41 1.39	29.30 2.32 0.00	27.15 2.38 0.00	27.22 2.52 0.00	27.61 2.51 0.00	28.84 2.45 0.00	30.07 2.41 0.40	33.88 2.68 0.73	38.93 2.94 0.69	52.31 4.01 0.01	58.24 4.53 1.55	47.66 3.42 0.19	38.61 2.89 0.01	32.99 2.50 0.00	28.58 2.38 0.00	25.86 2.39 -0.01
FREEPORT___CT2 23818	24.42 2.06 0.00	22.15 1.77 0.00	21.15 1.66 0.00	21.10 1.62 0.00	21.89 1.71 0.00	24.26 1.94 0.00	31.45 2.03 0.01	36.23 2.32 4.05	33.64 2.41 1.39	29.30 2.32 0.00	27.15 2.38 0.00	27.22 2.52 0.00	27.61 2.51 0.00	28.84 2.45 0.00	30.07 2.41 0.40	33.88 2.68 0.73	38.93 2.94 0.69	52.31 4.01 0.01	58.24 4.53 1.55	47.66 3.42 0.19	38.61 2.89 0.01	32.99 2.50 0.00	28.58 2.38 0.00	25.86 2.39 -0.01
FRESHKLS_33_KV_LOAD 356253	24.54 2.17 -0.01	22.38 2.00 -0.01	21.41 1.91 -0.01	21.42 1.93 -0.01	22.15 1.96 -0.01	24.28 1.96 0.00	31.78 2.35 0.00	39.20 2.43 1.19	35.32 2.71 0.00	29.27 2.29 0.00	27.02 2.25 0.00	27.02 2.32 0.00	27.51 2.41 0.00	28.89 2.51 0.00	30.75 2.69 0.00	35.16 3.13 -0.10	39.65 2.97 0.00	52.37 4.06 0.00	59.73 4.48 0.00	47.84 3.42 0.00	38.76 3.04 0.00	33.38 2.90 0.00	28.87 2.67 0.00	25.90 2.44 -0.01
FULTON COGEN____ 23766	21.92 -0.45 0.00	19.95 -0.43 0.00	19.08 -0.41 0.00	19.07 -0.41 0.00	19.76 -0.42 0.00	21.85 -0.47 0.00	28.87 -0.56 0.00	37.16 -0.80 0.00	31.87 -0.75 0.00	26.39 -0.59 0.00	24.18 -0.59 0.00	24.11 -0.59 0.00	24.47 -0.63 0.00	25.75 -0.63 0.00	27.36 -0.70 0.00	31.14 -0.80 0.00	35.73 -0.95 0.00	48.21 -1.26 -1.16	54.82 -1.33 -0.89	43.61 -0.93 -0.12	34.98 -0.75 0.00	29.85 -0.64 0.00	25.65 -0.55 0.00	22.89 -0.56 0.00
FULTON___LFGE 323630	24.11 1.75 0.00	21.98 1.61 0.00	20.97 1.48 0.00	20.92 1.44 0.00	21.73 1.55 0.00	24.08 1.76 0.00	31.99 2.56 0.00	41.15 3.19 0.00	35.13 2.51 0.00	28.71 1.73 0.00	26.01 1.24 0.00	25.91 1.21 0.00	26.48 1.38 0.00	27.76 1.37 0.00	29.71 1.66 0.00	34.20 2.23 -0.03	39.87 3.19 0.00	52.95 4.64 0.00	60.73 5.47 0.00	48.82 4.40 0.00	39.23 3.50 0.00	33.23 2.75 0.00	28.40 2.20 0.00	25.38 1.92 0.00
G.F.CEMENT___DRP 24184	23.60 1.23 0.00	21.54 1.16 0.00	20.52 1.03 0.00	20.49 1.01 0.00	21.23 1.05 0.00	23.54 1.23 0.00	31.20 1.77 0.00	40.35 2.39 0.00	34.80 2.19 0.00	28.54 1.56 0.00	26.03 1.26 0.00	25.96 1.26 0.00	26.55 1.46 0.00	27.78 1.40 0.00	29.38 1.32 0.00	33.66 1.69 -0.04	38.81 2.13 0.00	51.59 3.28 0.00	59.13 3.87 0.00	47.40 2.98 0.00	38.09 2.36 0.00	32.41 1.92 0.00	27.74 1.55 0.00	25.33 1.88 0.00
GARDENVILLE___LBMP 24039	21.43 -0.94 0.00	19.54 -0.84 0.00	18.69 -0.80 0.00	18.62 -0.86 0.00	19.47 -0.71 0.00	21.40 -0.91 0.00	28.13 -1.29 0.00	35.87 -2.09 0.00	30.66 -1.96 0.00	25.90 -1.08 0.00	23.88 -0.89 0.00	23.71 -0.99 0.00	23.92 -1.18 0.00	25.41 -0.98 0.00	26.94 -1.12 0.00	29.91 -2.04 -0.02	34.48 -2.20 0.00	42.23 -4.69 1.40	49.21 -4.97 1.07	41.13 -3.15 0.14	33.23 -2.50 0.00	28.81 -1.68 0.00	24.89 -1.31 0.00	22.61 -0.84 0.00
GARDNVLA_35_KV_LD 355827	21.54 -0.83 0.00	19.62 -0.75 0.00	18.77 -0.72 0.00	18.72 -0.76 0.00	19.57 -0.61 0.00	21.51 -0.80 0.00	28.28 -1.15 0.00	36.02 -1.94 0.00	30.82 -1.79 0.00	26.04 -0.94 0.00	24.00 -0.77 0.00	23.84 -0.86 0.00	24.02 -1.08 0.00	25.57 -0.82 0.00	27.08 -0.98 0.00	30.03 -1.92 -0.02	34.66 -2.02 0.00	42.37 -4.54 1.39	49.38 -4.81 1.07	41.26 -3.02 0.14	33.37 -2.36 0.00	28.93 -1.55 0.00	24.99 -1.20 0.00	22.71 -0.75 0.00
GELCKHM___115KV_LOAD 80723	21.98 -0.38 0.00	20.01 -0.37 0.00	19.14 -0.35 0.00	19.13 -0.35 0.00	19.82 -0.36 0.00	21.89 -0.42 0.00	28.96 -0.47 0.00	37.28 -0.68 0.00	31.97 -0.65 0.00	26.47 -0.51 0.00	24.28 -0.50 0.00	24.21 -0.49 0.00	24.54 -0.55 0.00	25.86 -0.53 0.00	27.47 -0.59 0.00	31.26 -0.67 0.00	35.84 -0.84 0.00	46.68 -1.16 0.47	53.68 -1.22 0.36	43.53 -0.84 0.05	35.05 -0.68 0.00	29.94 -0.55 0.00	25.70 -0.50 0.00	22.96 -0.49 0.00
GENERAL___MILLS 23808	21.49 -0.87 0.00	19.60 -0.77 0.00	18.75 -0.74 0.00	18.68 -0.80 0.00	19.53 -0.65 0.00	21.47 -0.85 0.00	28.25 -1.18 0.00	35.99 -1.97 0.00	30.76 -1.86 0.00	26.01 -0.97 0.00	23.95 -0.82 0.00	23.79 -0.91 0.00	23.99 -1.10 0.00	25.52 -0.87 0.00	27.02 -1.04 0.00	30.00 -1.95 -0.02	34.63 -2.05 0.00	42.33 -4.59 1.39	49.33 -4.86 1.07	41.17 -3.11 0.14	33.30 -2.43 0.00	28.87 -1.62 0.00	24.96 -1.23 0.00	22.68 -0.77 0.00
GE_PLASTICS___DRP 24183	23.17 0.81 0.00	21.15 0.77 0.00	20.25 0.76 0.00	20.24 0.76 0.00	20.91 0.73 0.00	23.12 0.80 0.00	30.52 1.09 0.00	39.52 1.56 0.00	34.09 1.47 0.00	28.06 1.08 0.00	25.71 0.94 0.00	25.67 0.96 0.00	26.13 1.03 0.00	27.39 1.00 0.00	29.15 1.09 0.00	33.41 1.40 -0.08	38.37 1.69 0.00	50.67 2.37 0.00	57.97 2.71 0.00	46.47 2.04 0.00	37.44 1.71 0.00	31.80 1.31 0.00	27.32 1.13 0.00	24.42 0.96 0.00
GILBOA___1 23756	23.26 0.90 0.00	21.19 0.82 0.00	20.29 0.80 0.00	20.26 0.78 0.00	20.99 0.81 0.00	23.18 0.87 0.00	30.58 1.15 0.00	39.52 1.56 0.00	34.09 1.47 0.00	28.17 1.19 0.00	25.89 1.12 0.00	25.84 1.14 0.00	26.25 1.16 0.00	27.57 1.19 0.00	29.35 1.29 0.00	33.50 1.47 -0.10	38.33 1.65 0.00	50.29 1.98 0.00	57.52 2.27 0.00	46.29 1.87 0.00	37.30 1.57 0.00	31.83 1.34 0.00	27.38 1.18 0.00	24.51 1.06 0.00
GILBOA___2 23757	23.26 0.90 0.00	21.19 0.82 0.00	20.29 0.80 0.00	20.26 0.78 0.00	20.99 0.81 0.00	23.18 0.87 0.00	30.58 1.15 0.00	39.52 1.56 0.00	34.09 1.47 0.00	28.17 1.19 0.00	25.89 1.12 0.00	25.84 1.14 0.00	26.25 1.16 0.00	27.57 1.19 0.00	29.35 1.29 0.00	33.50 1.47 -0.10	38.33 1.65 0.00	50.29 1.98 0.00	57.52 2.27 0.00	46.29 1.87 0.00	37.30 1.57 0.00	31.83 1.34 0.00	27.38 1.18 0.00	24.51 1.06 0.00



GILBOA___3 23758	23.26 0.90 0.00	21.19 0.82 0.00	20.29 0.80 0.00	20.26 0.78 0.00	20.99 0.81 0.00	23.18 0.87 0.00	30.58 1.15 0.00	39.52 1.56 0.00	34.09 1.47 0.00	28.17 1.19 0.00	25.89 1.12 0.00	25.84 1.14 0.00	26.25 1.16 0.00	27.57 1.19 0.00	29.35 1.29 0.00	33.50 1.47 -0.10	38.33 1.65 0.00	50.29 1.98 0.00	57.52 2.27 0.00	46.29 1.87 0.00	37.30 1.57 0.00	31.83 1.34 0.00	27.38 1.18 0.00	24.51 1.06 0.00
GILBOA___4 23759	23.26 0.90 0.00	21.19 0.82 0.00	20.29 0.80 0.00	20.26 0.78 0.00	20.99 0.81 0.00	23.18 0.87 0.00	30.58 1.15 0.00	39.52 1.56 0.00	34.09 1.47 0.00	28.17 1.19 0.00	25.89 1.12 0.00	25.84 1.14 0.00	26.25 1.16 0.00	27.57 1.19 0.00	29.35 1.29 0.00	33.50 1.47 -0.10	38.33 1.65 0.00	50.29 1.98 0.00	57.52 2.27 0.00	46.29 1.87 0.00	37.30 1.57 0.00	31.83 1.34 0.00	27.38 1.18 0.00	24.51 1.06 0.00
GILBOA___ 23599	23.26 0.89 0.00	21.21 0.84 0.00	20.29 0.80 0.00	20.28 0.80 0.00	20.99 0.81 0.00	23.21 0.89 0.00	30.55 1.12 0.00	39.52 1.56 0.00	34.09 1.47 0.00	28.17 1.19 0.00	25.89 1.11 0.00	25.84 1.14 0.00	26.25 1.15 0.00	27.57 1.19 0.00	29.35 1.29 0.00	33.49 1.47 -0.10	38.33 1.65 0.00	50.29 1.98 0.00	57.52 2.27 0.00	46.29 1.87 0.00	37.30 1.57 0.00	31.86 1.37 0.00	27.37 1.18 0.00	24.51 1.06 0.00
GINNA___ 23603	20.71 -1.65 0.00	18.89 -1.49 0.00	18.01 -1.48 0.00	18.04 -1.44 0.00	18.69 -1.49 0.00	20.71 -1.61 0.00	27.34 -2.09 0.00	35.27 -2.69 0.00	30.17 -2.45 0.00	25.17 -1.81 0.00	23.06 -1.71 0.00	22.97 -1.73 0.00	23.27 -1.83 0.00	24.57 -1.82 0.00	26.04 -2.02 0.00	29.58 -2.36 -0.01	33.75 -2.94 0.00	42.46 -4.20 1.64	49.41 -4.59 1.26	40.97 -3.29 0.17	32.90 -2.82 0.00	28.26 -2.22 0.00	24.18 -2.02 0.00	21.74 -1.71 0.00
GLEN PARK___ 23778	22.50 0.14 0.00	20.48 0.10 0.00	19.55 0.06 0.00	19.35 0.10 0.23	21.29 0.10 -1.01	23.68 0.27 -1.10	31.38 0.59 -1.36	40.50 0.87 -1.67	34.24 0.42 -1.20	27.06 0.08 0.00	24.65 -0.12 0.00	24.53 -0.17 0.00	25.64 -0.38 -0.92	27.34 -0.29 -1.24	29.08 -0.28 -1.30	33.03 -0.35 -1.45	36.76 0.07 -0.01	49.46 0.38 -0.76	58.33 0.55 -2.52	46.88 0.54 -1.92	36.19 0.46 0.00	31.04 0.55 0.00	26.46 0.26 0.00	23.57 0.12 0.00
GLENDALE_27_KV_LOAD 356172	24.36 1.99 0.00	22.18 1.79 -0.01	21.23 1.73 -0.01	21.22 1.73 -0.01	21.92 1.74 -0.01	24.12 1.81 0.00	31.70 2.27 0.00	40.81 2.85 0.00	35.59 2.97 0.00	29.54 2.56 0.00	27.30 2.53 0.00	27.30 2.59 0.00	27.73 2.64 0.00	29.13 2.74 0.00	30.98 2.92 0.00	35.35 3.32 -0.10	40.02 3.34 0.00	52.80 4.49 0.00	60.29 5.03 0.00	48.24 3.82 0.00	39.05 3.32 0.00	33.35 2.87 0.00	28.68 2.49 0.00	25.73 2.28 0.00
GLENWOOD_IC_1_G5 23712	24.38 2.01 0.00	22.13 1.75 0.00	21.13 1.64 0.00	21.12 1.64 0.00	21.88 1.70 0.00	24.26 1.94 0.00	31.31 1.88 0.00	37.62 2.43 2.77	34.18 2.51 0.95	29.38 2.40 0.00	27.20 2.43 0.00	27.27 2.57 0.00	27.66 2.56 0.00	28.92 2.53 0.00	30.29 2.50 0.27	34.27 2.81 0.47	39.26 3.04 0.47	52.46 4.15 0.00	58.85 4.64 1.05	47.86 3.55 0.12	38.69 2.97 0.00	33.05 2.56 0.00	28.55 2.36 0.00	25.78 2.32 0.00
GLENWOOD_IC_2_G1 23688	24.33 1.97 0.00	22.07 1.69 0.00	21.09 1.60 0.00	21.06 1.58 0.00	21.84 1.66 0.00	24.17 1.85 0.00	31.42 2.00 0.01	39.50 2.39 0.85	34.80 2.48 0.30	29.30 2.32 0.00	27.12 2.35 0.00	27.20 2.49 0.00	27.58 2.49 0.00	28.84 2.45 0.00	30.41 2.44 0.09	34.59 2.75 0.08	39.50 2.97 0.15	52.36 4.06 0.01	59.46 4.53 0.33	47.85 3.47 0.05	38.65 2.93 0.01	32.96 2.47 0.00	28.50 2.31 0.00	25.74 2.27 -0.01
GLENWOOD_IC_3_G1 23689	24.33 1.97 0.00	22.07 1.69 0.00	21.09 1.60 0.00	21.06 1.58 0.00	21.84 1.66 0.00	24.17 1.85 0.00	31.42 2.00 0.01	39.50 2.39 0.85	34.80 2.48 0.30	29.30 2.32 0.00	27.12 2.35 0.00	27.20 2.49 0.00	27.58 2.49 0.00	28.84 2.45 0.00	30.41 2.44 0.09	34.59 2.75 0.08	39.50 2.97 0.15	52.36 4.06 0.01	59.46 4.53 0.33	47.85 3.47 0.05	38.65 2.93 0.01	32.96 2.47 0.00	28.50 2.31 0.00	25.74 2.27 -0.01
GLENWOOD___4 23550	24.38 2.01 0.00	22.13 1.75 0.00	21.13 1.64 0.00	21.12 1.64 0.00	21.88 1.70 0.00	24.26 1.94 0.00	31.31 1.88 0.00	37.62 2.43 2.77	34.18 2.51 0.95	29.38 2.40 0.00	27.20 2.43 0.00	27.27 2.57 0.00	27.66 2.56 0.00	28.92 2.53 0.00	30.29 2.50 0.27	34.27 2.81 0.47	39.26 3.04 0.47	52.46 4.15 0.00	58.85 4.64 1.05	47.86 3.55 0.12	38.69 2.97 0.00	33.05 2.56 0.00	28.55 2.36 0.00	25.78 2.32 0.00
GLENWOOD___5 23614	24.38 2.01 0.00	22.13 1.75 0.00	21.13 1.64 0.00	21.12 1.64 0.00	21.88 1.70 0.00	24.26 1.94 0.00	31.31 1.88 0.00	37.62 2.43 2.77	34.18 2.51 0.95	29.38 2.40 0.00	27.20 2.43 0.00	27.27 2.57 0.00	27.66 2.56 0.00	28.92 2.53 0.00	30.29 2.50 0.27	34.27 2.81 0.47	39.26 3.04 0.47	52.46 4.15 0.00	58.85 4.64 1.05	47.86 3.55 0.12	38.69 2.97 0.00	33.05 2.56 0.00	28.55 2.36 0.00	25.78 2.32 0.00
GLOBAL GREEN_PORT_GT1 23814	25.29 2.93 0.00	22.88 2.51 0.00	21.83 2.34 0.00	21.78 2.30 0.00	22.64 2.46 0.00	25.15 2.83 0.00	32.22 2.80 0.01	34.16 3.19 7.00	33.35 3.13 2.40	29.92 2.94 0.00	27.79 3.02 0.00	27.94 3.24 0.00	28.26 3.16 0.00	29.50 3.11 0.00	30.29 2.92 0.69	34.08 3.48 1.33	39.42 3.93 1.19	53.66 5.36 0.01	58.67 6.08 2.67	48.68 4.58 0.32	39.61 3.89 0.01	33.75 3.26 0.00	29.23 3.04 0.00	26.72 3.26 -0.01
GLOBE___DSASP 323697	20.80 -1.57 0.00	18.97 -1.41 0.00	18.13 -1.36 0.00	18.06 -1.42 0.00	18.89 -1.29 0.00	20.71 -1.61 0.00	27.16 -2.27 0.00	34.54 -3.42 0.00	29.62 -3.00 0.00	25.06 -1.92 0.00	23.09 -1.68 0.00	22.95 -1.75 0.00	23.14 -1.96 0.00	24.51 -1.87 0.00	25.98 -2.08 0.00	29.10 -2.84 -0.02	33.23 -3.45 0.00	40.98 -5.85 1.48	47.71 -6.41 1.14	39.83 -4.44 0.15	32.05 -3.68 0.00	27.84 -2.65 0.00	24.05 -2.15 0.00	21.86 -1.60 0.00
GOETHSLN___LBMP 323567	24.06 1.70 0.00	21.90 1.53 0.00	20.97 1.48 0.00	20.96 1.48 0.00	21.65 1.47 0.00	23.90 1.58 0.00	31.40 1.97 0.00	39.32 2.54 1.18	35.29 2.67 0.00	29.33 2.35 0.00	27.07 2.30 0.00	27.07 2.37 0.00	27.51 2.41 0.00	28.89 2.51 0.00	30.73 2.67 0.00	35.00 2.97 -0.10	39.76 3.08 0.00	52.41 4.11 0.00	59.84 4.59 0.00	47.93 3.51 0.00	38.73 3.00 0.00	33.02 2.53 0.00	28.37 2.17 0.00	25.38 1.92 0.00
GOLAH___69_KV_TB 1_2 80279	21.65 -0.72 0.00	19.70 -0.67 0.00	18.85 -0.64 0.00	18.76 -0.72 0.00	19.55 -0.63 0.00	21.53 -0.78 0.00	28.40 -1.03 0.00	36.48 -1.48 0.00	31.21 -1.40 0.00	26.14 -0.84 0.00	24.00 -0.77 0.00	23.89 -0.82 0.00	24.14 -0.95 0.00	25.54 -0.84 0.00	27.05 -1.01 0.00	30.60 -1.34 -0.01	34.92 -1.76 0.00	43.82 -2.90 1.59	51.00 -3.04 1.22	42.40 -1.87 0.16	34.01 -1.71 0.00	29.27 -1.22 0.00	25.17 -1.02 0.00	22.73 -0.73 0.00



GOODYEAR_LAKE_HYD 323669	23.57 1.21 0.00	21.48 1.10 0.00	20.52 1.03 0.00	20.53 1.05 0.00	21.29 1.11 0.00	23.59 1.27 0.00	31.14 1.71 0.00	40.20 2.24 0.00	34.44 1.83 0.00	28.49 1.51 0.00	26.06 1.29 0.00	25.99 1.28 0.00	26.28 1.18 0.00	27.68 1.29 0.00	29.49 1.43 0.00	33.54 1.56 -0.05	38.74 2.05 0.00	50.52 2.51 0.30	57.90 2.87 0.23	46.92 2.53 0.03	37.80 2.07 0.00	32.32 1.83 0.00	27.71 1.52 0.00	24.79 1.34 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.88 0.51 0.00	20.86 0.49 0.00	19.94 0.45 0.00	19.95 0.47 0.00	20.72 0.54 0.00	22.89 0.58 0.00	30.11 0.68 0.00	38.72 0.76 0.00	33.14 0.52 0.00	27.60 0.62 0.00	25.34 0.57 0.00	25.25 0.54 0.00	25.57 0.48 0.00	27.02 0.63 0.00	28.71 0.65 0.00	32.39 0.42 -0.05	37.38 0.70 0.00	47.82 0.10 0.59	55.14 0.33 0.45	45.03 0.67 0.06	36.23 0.50 0.00	31.10 0.61 0.00	26.77 0.58 0.00	24.07 0.61 0.00
GOUDEY___7 23579	22.88 0.51 0.00	20.86 0.49 0.00	19.94 0.45 0.00	19.95 0.47 0.00	20.72 0.54 0.00	22.89 0.58 0.00	30.11 0.68 0.00	38.72 0.76 0.00	33.14 0.52 0.00	27.60 0.62 0.00	25.34 0.57 0.00	25.25 0.54 0.00	25.57 0.48 0.00	27.02 0.63 0.00	28.71 0.65 0.00	32.39 0.42 -0.05	37.38 0.70 0.00	47.82 0.10 0.59	55.14 0.33 0.45	45.03 0.67 0.06	36.23 0.50 0.00	31.10 0.61 0.00	26.77 0.58 0.00	24.07 0.61 0.00
GOUDEY___8 23580	22.88 0.51 0.00	20.86 0.49 0.00	19.94 0.45 0.00	19.95 0.47 0.00	20.72 0.54 0.00	22.89 0.58 0.00	30.11 0.68 0.00	38.72 0.76 0.00	33.14 0.52 0.00	27.60 0.62 0.00	25.34 0.57 0.00	25.25 0.54 0.00	25.57 0.48 0.00	27.02 0.63 0.00	28.71 0.65 0.00	32.39 0.42 -0.05	37.38 0.70 0.00	47.82 0.10 0.59	55.14 0.33 0.45	45.03 0.67 0.06	36.23 0.50 0.00	31.10 0.61 0.00	26.77 0.58 0.00	24.07 0.61 0.00
GOWANUS_GT1_1 24077	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
GOWANUS_GT1_2 24078	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
GOWANUS_GT1_3 24079	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
GOWANUS_GT1_4 24080	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
GOWANUS_GT1_5 24084	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
GOWANUS_GT1_6 24111	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
GOWANUS_GT1_7 24112	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
GOWANUS_GT1_8 24113	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
GOWANUS_GT2_1 24114	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
GOWANUS_GT2_2 24115	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
GOWANUS_GT2_3 24116	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01



GOWANUS_GT2_4 24117	24.43 <u>2.06</u> -0.01	22.22 <u>1.83</u> -0.01	21.29 <u>1.79</u> -0.01	21.24 <u>1.75</u> -0.01	21.98 <u>1.80</u> -0.01	24.12 <u>1.81</u> 0.00	31.79 <u>2.36</u> 0.00	40.66 <u>2.70</u> 0.00	35.49 <u>2.87</u> 0.00	29.46 <u>2.48</u> 0.00	27.20 <u>2.43</u> 0.00	27.20 <u>2.49</u> 0.00	27.68 <u>2.59</u> 0.00	29.05 <u>2.66</u> 0.00	30.92 <u>2.86</u> 0.00	35.28 <u>3.26</u> -0.10	39.84 <u>3.16</u> 0.00	52.61 <u>4.30</u> 0.00	60.06 <u>4.81</u> 0.00	48.07 <u>3.64</u> 0.00	39.01 <u>3.28</u> 0.00	33.32 <u>2.84</u> 0.00	28.74 <u>2.54</u> 0.00	25.81 <u>2.35</u> -0.01
GOWANUS_GT2_5 24118	24.43 <u>2.06</u> -0.01	22.22 <u>1.83</u> -0.01	21.29 <u>1.79</u> -0.01	21.24 <u>1.75</u> -0.01	21.98 <u>1.80</u> -0.01	24.12 <u>1.81</u> 0.00	31.79 <u>2.36</u> 0.00	40.66 <u>2.70</u> 0.00	35.49 <u>2.87</u> 0.00	29.46 <u>2.48</u> 0.00	27.20 <u>2.43</u> 0.00	27.20 <u>2.49</u> 0.00	27.68 <u>2.59</u> 0.00	29.05 <u>2.66</u> 0.00	30.92 <u>2.86</u> 0.00	35.28 <u>3.26</u> -0.10	39.84 <u>3.16</u> 0.00	52.61 <u>4.30</u> 0.00	60.06 <u>4.81</u> 0.00	48.07 <u>3.64</u> 0.00	39.01 <u>3.28</u> 0.00	33.32 <u>2.84</u> 0.00	28.74 <u>2.54</u> 0.00	25.81 <u>2.35</u> -0.01
GOWANUS_GT2_6 24119	24.43 <u>2.06</u> -0.01	22.22 <u>1.83</u> -0.01	21.29 <u>1.79</u> -0.01	21.24 <u>1.75</u> -0.01	21.98 <u>1.80</u> -0.01	24.12 <u>1.81</u> 0.00	31.79 <u>2.36</u> 0.00	40.66 <u>2.70</u> 0.00	35.49 <u>2.87</u> 0.00	29.46 <u>2.48</u> 0.00	27.20 <u>2.43</u> 0.00	27.20 <u>2.49</u> 0.00	27.68 <u>2.59</u> 0.00	29.05 <u>2.66</u> 0.00	30.92 <u>2.86</u> 0.00	35.28 <u>3.26</u> -0.10	39.84 <u>3.16</u> 0.00	52.61 <u>4.30</u> 0.00	60.06 <u>4.81</u> 0.00	48.07 <u>3.64</u> 0.00	39.01 <u>3.28</u> 0.00	33.32 <u>2.84</u> 0.00	28.74 <u>2.54</u> 0.00	25.81 <u>2.35</u> -0.01
GOWANUS_GT2_7 24120	24.43 <u>2.06</u> -0.01	22.22 <u>1.83</u> -0.01	21.29 <u>1.79</u> -0.01	21.24 <u>1.75</u> -0.01	21.98 <u>1.80</u> -0.01	24.12 <u>1.81</u> 0.00	31.79 <u>2.36</u> 0.00	40.66 <u>2.70</u> 0.00	35.49 <u>2.87</u> 0.00	29.46 <u>2.48</u> 0.00	27.20 <u>2.43</u> 0.00	27.20 <u>2.49</u> 0.00	27.68 <u>2.59</u> 0.00	29.05 <u>2.66</u> 0.00	30.92 <u>2.86</u> 0.00	35.28 <u>3.26</u> -0.10	39.84 <u>3.16</u> 0.00	52.61 <u>4.30</u> 0.00	60.06 <u>4.81</u> 0.00	48.07 <u>3.64</u> 0.00	39.01 <u>3.28</u> 0.00	33.32 <u>2.84</u> 0.00	28.74 <u>2.54</u> 0.00	25.81 <u>2.35</u> -0.01
GOWANUS_GT2_8 24121	24.43 <u>2.06</u> -0.01	22.22 <u>1.83</u> -0.01	21.29 <u>1.79</u> -0.01	21.24 <u>1.75</u> -0.01	21.98 <u>1.80</u> -0.01	24.12 <u>1.81</u> 0.00	31.79 <u>2.36</u> 0.00	40.66 <u>2.70</u> 0.00	35.49 <u>2.87</u> 0.00	29.46 <u>2.48</u> 0.00	27.20 <u>2.43</u> 0.00	27.20 <u>2.49</u> 0.00	27.68 <u>2.59</u> 0.00	29.05 <u>2.66</u> 0.00	30.92 <u>2.86</u> 0.00	35.28 <u>3.26</u> -0.10	39.84 <u>3.16</u> 0.00	52.61 <u>4.30</u> 0.00	60.06 <u>4.81</u> 0.00	48.07 <u>3.64</u> 0.00	39.01 <u>3.28</u> 0.00	33.32 <u>2.84</u> 0.00	28.74 <u>2.54</u> 0.00	25.81 <u>2.35</u> -0.01
GOWANUS_GT3_1 24122	24.43 <u>2.06</u> -0.01	22.22 <u>1.83</u> -0.01	21.29 <u>1.79</u> -0.01	21.24 <u>1.75</u> -0.01	21.98 <u>1.80</u> -0.01	24.12 <u>1.81</u> 0.00	31.79 <u>2.36</u> 0.00	40.66 <u>2.70</u> 0.00	35.49 <u>2.87</u> 0.00	29.46 <u>2.48</u> 0.00	27.20 <u>2.43</u> 0.00	27.20 <u>2.49</u> 0.00	27.68 <u>2.59</u> 0.00	29.05 <u>2.66</u> 0.00	30.92 <u>2.86</u> 0.00	35.28 <u>3.26</u> -0.10	39.84 <u>3.16</u> 0.00	52.61 <u>4.30</u> 0.00	60.06 <u>4.81</u> 0.00	48.07 <u>3.64</u> 0.00	39.01 <u>3.28</u> 0.00	33.32 <u>2.84</u> 0.00	28.74 <u>2.54</u> 0.00	25.81 <u>2.35</u> -0.01
GOWANUS_GT3_2 24123	24.43 <u>2.06</u> -0.01	22.22 <u>1.83</u> -0.01	21.29 <u>1.79</u> -0.01	21.24 <u>1.75</u> -0.01	21.98 <u>1.80</u> -0.01	24.12 <u>1.81</u> 0.00	31.79 <u>2.36</u> 0.00	40.66 <u>2.70</u> 0.00	35.49 <u>2.87</u> 0.00	29.46 <u>2.48</u> 0.00	27.20 <u>2.43</u> 0.00	27.20 <u>2.49</u> 0.00	27.68 <u>2.59</u> 0.00	29.05 <u>2.66</u> 0.00	30.92 <u>2.86</u> 0.00	35.28 <u>3.26</u> -0.10	39.84 <u>3.16</u> 0.00	52.61 <u>4.30</u> 0.00	60.06 <u>4.81</u> 0.00	48.07 <u>3.64</u> 0.00	39.01 <u>3.28</u> 0.00	33.32 <u>2.84</u> 0.00	28.74 <u>2.54</u> 0.00	25.81 <u>2.35</u> -0.01
GOWANUS_GT3_3 24124	24.43 <u>2.06</u> -0.01	22.22 <u>1.83</u> -0.01	21.29 <u>1.79</u> -0.01	21.24 <u>1.75</u> -0.01	21.98 <u>1.80</u> -0.01	24.12 <u>1.81</u> 0.00	31.79 <u>2.36</u> 0.00	40.66 <u>2.70</u> 0.00	35.49 <u>2.87</u> 0.00	29.46 <u>2.48</u> 0.00	27.20 <u>2.43</u> 0.00	27.20 <u>2.49</u> 0.00	27.68 <u>2.59</u> 0.00	29.05 <u>2.66</u> 0.00	30.92 <u>2.86</u> 0.00	35.28 <u>3.26</u> -0.10	39.84 <u>3.16</u> 0.00	52.61 <u>4.30</u> 0.00	60.06 <u>4.81</u> 0.00	48.07 <u>3.64</u> 0.00	39.01 <u>3.28</u> 0.00	33.32 <u>2.84</u> 0.00	28.74 <u>2.54</u> 0.00	25.81 <u>2.35</u> -0.01
GOWANUS_GT3_4 24125	24.43 <u>2.06</u> -0.01	22.22 <u>1.83</u> -0.01	21.29 <u>1.79</u> -0.01	21.24 <u>1.75</u> -0.01	21.98 <u>1.80</u> -0.01	24.12 <u>1.81</u> 0.00	31.79 <u>2.36</u> 0.00	40.66 <u>2.70</u> 0.00	35.49 <u>2.87</u> 0.00	29.46 <u>2.48</u> 0.00	27.20 <u>2.43</u> 0.00	27.20 <u>2.49</u> 0.00	27.68 <u>2.59</u> 0.00	29.05 <u>2.66</u> 0.00	30.92 <u>2.86</u> 0.00	35.28 <u>3.26</u> -0.10	39.84 <u>3.16</u> 0.00	52.61 <u>4.30</u> 0.00	60.06 <u>4.81</u> 0.00	48.07 <u>3.64</u> 0.00	39.01 <u>3.28</u> 0.00	33.32 <u>2.84</u> 0.00	28.74 <u>2.54</u> 0.00	25.81 <u>2.35</u> -0.01
GOWANUS_GT3_5 24126	24.43 <u>2.06</u> -0.01	22.22 <u>1.83</u> -0.01	21.29 <u>1.79</u> -0.01	21.24 <u>1.75</u> -0.01	21.98 <u>1.80</u> -0.01	24.12 <u>1.81</u> 0.00	31.79 <u>2.36</u> 0.00	40.66 <u>2.70</u> 0.00	35.49 <u>2.87</u> 0.00	29.46 <u>2.48</u> 0.00	27.20 <u>2.43</u> 0.00	27.20 <u>2.49</u> 0.00	27.68 <u>2.59</u> 0.00	29.05 <u>2.66</u> 0.00	30.92 <u>2.86</u> 0.00	35.28 <u>3.26</u> -0.10	39.84 <u>3.16</u> 0.00	52.61 <u>4.30</u> 0.00	60.06 <u>4.81</u> 0.00	48.07 <u>3.64</u> 0.00	39.01 <u>3.28</u> 0.00	33.32 <u>2.84</u> 0.00	28.74 <u>2.54</u> 0.00	25.81 <u>2.35</u> -0.01
GOWANUS_GT3_6 24127	24.43 <u>2.06</u> -0.01	22.22 <u>1.83</u> -0.01	21.29 <u>1.79</u> -0.01	21.24 <u>1.75</u> -0.01	21.98 <u>1.80</u> -0.01	24.12 <u>1.81</u> 0.00	31.79 <u>2.36</u> 0.00	40.66 <u>2.70</u> 0.00	35.49 <u>2.87</u> 0.00	29.46 <u>2.48</u> 0.00	27.20 <u>2.43</u> 0.00	27.20 <u>2.49</u> 0.00	27.68 <u>2.59</u> 0.00	29.05 <u>2.66</u> 0.00	30.92 <u>2.86</u> 0.00	35.28 <u>3.26</u> -0.10	39.84 <u>3.16</u> 0.00	52.61 <u>4.30</u> 0.00	60.06 <u>4.81</u> 0.00	48.07 <u>3.64</u> 0.00	39.01 <u>3.28</u> 0.00	33.32 <u>2.84</u> 0.00	28.74 <u>2.54</u> 0.00	25.81 <u>2.35</u> -0.01
GOWANUS_GT3_7 24128	24.43 <u>2.06</u> -0.01	22.22 <u>1.83</u> -0.01	21.29 <u>1.79</u> -0.01	21.24 <u>1.75</u> -0.01	21.98 <u>1.80</u> -0.01	24.12 <u>1.81</u> 0.00	31.79 <u>2.36</u> 0.00	40.66 <u>2.70</u> 0.00	35.49 <u>2.87</u> 0.00	29.46 <u>2.48</u> 0.00	27.20 <u>2.43</u> 0.00	27.20 <u>2.49</u> 0.00	27.68 <u>2.59</u> 0.00	29.05 <u>2.66</u> 0.00	30.92 <u>2.86</u> 0.00	35.28 <u>3.26</u> -0.10	39.84 <u>3.16</u> 0.00	52.61 <u>4.30</u> 0.00	60.06 <u>4.81</u> 0.00	48.07 <u>3.64</u> 0.00	39.01 <u>3.28</u> 0.00	33.32 <u>2.84</u> 0.00	28.74 <u>2.54</u> 0.00	25.81 <u>2.35</u> -0.01
GOWANUS_GT3_8 24129	24.43 <u>2.06</u> -0.01	22.22 <u>1.83</u> -0.01	21.29 <u>1.79</u> -0.01	21.24 <u>1.75</u> -0.01	21.98 <u>1.80</u> -0.01	24.12 <u>1.81</u> 0.00	31.79 <u>2.36</u> 0.00	40.66 <u>2.70</u> 0.00	35.49 <u>2.87</u> 0.00	29.46 <u>2.48</u> 0.00	27.20 <u>2.43</u> 0.00	27.20 <u>2.49</u> 0.00	27.68 <u>2.59</u> 0.00	29.05 <u>2.66</u> 0.00	30.92 <u>2.86</u> 0.00	35.28 <u>3.26</u> -0.10	39.84 <u>3.16</u> 0.00	52.61 <u>4.30</u> 0.00	60.06 <u>4.81</u> 0.00	48.07 <u>3.64</u> 0.00	39.01 <u>3.28</u> 0.00	33.32 <u>2.84</u> 0.00	28.74 <u>2.54</u> 0.00	25.81 <u>2.35</u> -0.01
GOWANUS_GT4_1 24130	24.43 <u>2.06</u> -0.01	22.24 <u>1.85</u> -0.01	21.27 <u>1.77</u> -0.01	21.28 <u>1.79</u> -0.01	21.98 <u>1.80</u> -0.01	24.17 <u>1.85</u> 0.00	31.70 <u>2.27</u> 0.00	40.66 <u>2.70</u> 0.00	35.49 <u>2.87</u> 0.00	29.46 <u>2.48</u> 0.00	27.20 <u>2.43</u> 0.00	27.20 <u>2.49</u> 0.00	27.68 <u>2.59</u> 0.00	29.05 <u>2.66</u> 0.00	30.92 <u>2.86</u> 0.00	35.28 <u>3.26</u> -0.10	39.87 <u>3.19</u> 0.00	52.66 <u>4.35</u> 0.00	60.12 <u>4.86</u> 0.00	48.11 <u>3.69</u> 0.00	38.98 <u>3.25</u> 0.00	33.35 <u>2.87</u> 0.00	28.74 <u>2.54</u> 0.00	25.79 <u>2.32</u> -0.01
GOWANUS_GT4_2 24131	24.43 <u>2.06</u> -0.01	22.24 <u>1.85</u> -0.01	21.27 <u>1.77</u> -0.01	21.28 <u>1.79</u> -0.01	21.98 <u>1.80</u> -0.01	24.17 <u>1.85</u> 0.00	31.70 <u>2.27</u> 0.00	40.66 <u>2.70</u> 0.00	35.49 <u>2.87</u> 0.00	29.46 <u>2.48</u> 0.00	27.20 <u>2.43</u> 0.00	27.20 <u>2.49</u> 0.00	27.68 <u>2.59</u> 0.00	29.05 <u>2.66</u> 0.00	30.92 <u>2.86</u> 0.00	35.28 <u>3.26</u> -0.10	39.87 <u>3.19</u> 0.00	52.66 <u>4.35</u> 0.00	60.12 <u>4.86</u> 0.00	48.11 <u>3.69</u> 0.00	38.98 <u>3.25</u> 0.00	33.35 <u>2.87</u> 0.00	28.74 <u>2.54</u> 0.00	25.79 <u>2.32</u> -0.01



GOWANUS_GT4_3 24132	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
GOWANUS_GT4_4 24133	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
GOWANUS_GT4_5 24134	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
GOWANUS_GT4_6 24135	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
GOWANUS_GT4_7 24136	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
GOWANUS_GT4_8 24137	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
GREENBSH_115KV_TB3 55895	23.13 0.76 0.00	21.09 0.71 0.00	20.21 0.72 0.00	20.20 0.72 0.00	20.85 0.67 0.00	23.05 0.74 0.00	30.43 1.00 0.00	39.44 1.48 0.00	34.02 1.40 0.00	28.01 1.03 0.00	25.69 0.92 0.00	25.64 0.94 0.00	26.10 1.00 0.00	27.36 0.98 0.00	29.13 1.07 0.00	33.34 1.34 -0.07	38.30 1.61 0.00	50.63 2.32 0.00	57.86 2.60 0.00	46.38 1.95 0.00	37.37 1.64 0.00	31.74 1.25 0.00	27.27 1.07 0.00	24.37 0.91 0.00
GREENIDGE_115KV_TB5 80291	22.28 -0.09 0.00	20.27 -0.10 0.00	19.37 -0.12 0.00	19.36 -0.12 0.00	20.16 -0.02 0.00	22.27 -0.04 0.00	29.46 0.03 0.00	37.66 -0.30 0.00	32.36 -0.26 0.00	26.95 -0.03 0.00	24.67 -0.10 0.00	24.55 -0.15 0.00	24.85 -0.25 0.00	26.28 -0.11 0.00	27.89 -0.17 0.00	31.50 -0.45 -0.02	36.24 -0.44 0.00	45.88 -1.55 0.88	53.20 -1.38 0.68	43.67 -0.67 0.09	35.41 -0.32 0.00	30.34 -0.15 0.00	26.09 -0.10 0.00	23.36 -0.09 0.00
GREENIDGE___3 23582	22.28 -0.09 0.00	20.27 -0.10 0.00	19.37 -0.12 0.00	19.36 -0.12 0.00	20.16 -0.02 0.00	22.27 -0.04 0.00	29.46 0.03 0.00	37.66 -0.30 0.00	32.36 -0.26 0.00	26.95 -0.03 0.00	24.67 -0.10 0.00	24.55 -0.15 0.00	24.85 -0.25 0.00	26.28 -0.11 0.00	27.89 -0.17 0.00	31.50 -0.45 -0.02	36.24 -0.44 0.00	45.88 -1.55 0.88	53.20 -1.38 0.68	43.67 -0.67 0.09	35.41 -0.32 0.00	30.34 -0.15 0.00	26.09 -0.10 0.00	23.36 -0.09 0.00
GREENIDGE___4 23583	22.28 -0.09 0.00	20.29 -0.08 0.00	19.37 -0.12 0.00	19.40 -0.08 0.00	20.16 -0.02 0.00	22.31 0.00 0.00	29.52 0.09 0.00	37.70 -0.26 0.00	32.36 -0.26 0.00	26.95 -0.03 0.00	24.67 -0.10 0.00	24.55 -0.15 0.00	24.85 -0.25 0.00	26.28 -0.11 0.00	27.89 -0.17 0.00	31.47 -0.48 -0.02	36.24 -0.44 0.00	45.88 -1.55 0.88	53.20 -1.38 0.68	43.67 -0.67 0.09	35.41 -0.32 0.00	30.40 -0.09 0.00	26.09 -0.10 0.00	23.41 -0.05 0.00
GREENLWN_69_KV_BK 3 55738	24.36 1.99 0.00	22.09 1.71 0.00	21.09 1.60 0.00	21.08 1.60 0.00	21.83 1.65 0.00	24.26 1.94 0.00	30.87 1.44 0.00	32.87 1.78 6.88	32.22 1.96 2.35	29.19 2.21 0.00	27.07 2.30 0.00	27.15 2.45 0.00	27.48 2.38 0.00	28.58 2.19 0.00	29.41 2.02 0.67	32.89 2.27 1.30	37.94 2.42 1.16	51.64 3.33 0.00	56.34 3.70 2.62	46.92 2.80 0.30	38.09 2.36 0.00	32.53 2.04 0.00	28.32 2.12 0.00	25.75 2.30 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01
GRISSOM___SOLAR 323813	24.02 1.65 0.00	21.90 1.53 0.00	20.89 1.40 0.00	20.84 1.36 0.00	21.65 1.47 0.00	23.99 1.67 0.00	31.84 2.41 0.00	41.03 3.07 0.00	35.07 2.45 0.00	28.68 1.70 0.00	26.03 1.26 0.00	25.94 1.23 0.00	26.50 1.40 0.00	27.78 1.40 0.00	29.71 1.66 0.00	34.16 2.20 -0.03	39.72 3.04 0.00	52.70 4.40 0.00	60.45 5.19 0.00	48.60 4.17 0.00	39.05 3.32 0.00	33.11 2.62 0.00	28.29 2.10 0.00	25.31 1.85 0.00
GROVEVILLE___HYD 323602	24.02 1.66 0.00	21.86 1.49 0.00	20.91 1.42 0.00	20.92 1.44 0.00	21.63 1.45 0.00	23.90 1.58 0.00	31.43 2.00 0.00	40.73 2.77 0.00	35.23 2.61 0.00	29.14 2.16 0.00	26.83 2.06 0.00	26.78 2.07 0.00	27.23 2.13 0.00	28.55 2.16 0.00	30.42 2.36 0.00	34.80 2.78 -0.10	39.76 3.08 0.00	52.46 4.15 0.00	59.90 4.64 0.00	48.07 3.64 0.00	38.69 2.97 0.00	32.93 2.44 0.00	28.29 2.10 0.00	25.31 1.85 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.10 -0.27 0.00	20.11 -0.26 0.00	19.24 -0.25 0.00	19.23 -0.25 0.00	19.92 -0.26 0.00	22.00 -0.31 0.00	29.11 -0.32 0.00	37.47 -0.49 0.00	32.13 -0.49 0.00	26.60 -0.38 0.00	24.37 -0.40 0.00	24.31 -0.40 0.00	24.67 -0.43 0.00	25.96 -0.42 0.00	27.61 -0.45 0.00	31.39 -0.54 -0.01	36.02 -0.66 0.00	47.44 -0.87 0.00	54.37 -0.88 0.00	43.85 -0.58 0.00	35.26 -0.46 0.00	30.09 -0.40 0.00	25.85 -0.34 0.00	23.08 -0.38 0.00



HAMLTNNY_34_KV_TB 80303	22.10 -0.27 0.00	20.11 -0.26 0.00	19.24 -0.25 0.00	19.23 -0.25 0.00	19.92 -0.26 0.00	22.00 -0.31 0.00	29.11 -0.32 0.00	37.51 -0.46 0.00	32.13 -0.49 0.00	26.63 -0.35 0.00	24.40 -0.37 0.00	24.31 -0.40 0.00	24.67 -0.43 0.00	25.99 -0.40 0.00	27.61 -0.45 0.00	31.39 -0.54 -0.01	36.02 -0.66 0.00	47.39 -0.92 0.00	54.32 -0.94 0.00	43.85 -0.58 0.00	35.23 -0.50 0.00	30.09 -0.40 0.00	25.85 -0.34 0.00	23.08 -0.38 0.00
HAMPSHIRE___PAPER_HYD 323593	22.21 -0.16 0.00	20.21 -0.16 0.00	19.33 -0.16 0.00	18.68 -0.16 0.64	22.74 -0.10 -2.66	25.19 0.00 -2.88	33.12 0.12 -3.57	42.61 0.27 -4.38	35.77 0.00 -3.15	26.76 -0.22 0.00	24.50 -0.27 0.00	24.41 -0.30 0.00	27.16 -0.35 -2.42	29.31 -0.34 -3.27	31.15 -0.34 -3.43	35.32 -0.42 -3.81	36.66 -0.04 -0.02	49.60 0.15 -1.14	61.21 0.00 -5.95	49.20 -0.18 -4.95	35.58 -0.14 0.00	30.46 -0.03 0.00	26.04 -0.16 0.00	23.32 -0.14 0.00
HARDSCRABBLE_WT_PWR 323673	22.48 0.11 0.00	20.48 0.10 0.00	19.57 0.08 0.00	19.62 0.08 -0.06	20.26 0.08 0.00	22.43 0.11 0.00	29.61 0.18 0.00	38.08 0.11 0.00	32.72 0.10 0.00	27.06 0.08 0.00	24.85 0.07 0.00	24.83 0.12 0.00	25.12 0.03 0.00	26.33 -0.05 0.00	27.95 -0.11 0.00	31.77 -0.16 0.00	36.57 -0.11 0.00	48.16 -0.14 0.00	54.87 -0.38 0.00	43.98 -0.44 0.00	35.33 -0.39 0.00	30.18 -0.30 0.00	25.91 -0.29 0.00	23.15 -0.31 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.84 1.48 0.00	21.74 1.37 0.00	20.78 1.29 0.00	20.79 1.31 0.00	21.51 1.33 0.00	23.79 1.47 0.00	31.23 1.80 0.00	40.39 2.43 0.00	34.90 2.28 0.00	28.92 1.94 0.00	26.65 1.88 0.00	26.58 1.88 0.00	27.03 1.93 0.00	28.36 1.98 0.00	30.22 2.16 0.00	34.54 2.52 -0.09	39.51 2.82 0.00	52.03 3.72 0.00	59.46 4.20 0.00	47.71 3.29 0.00	38.37 2.64 0.00	32.68 2.20 0.00	28.08 1.89 0.00	25.14 1.69 0.00
HARSNRAD_115KV_TB1 81005	21.11 -1.25 0.00	19.25 -1.12 0.00	18.40 -1.09 0.00	18.33 -1.15 0.00	19.17 -1.01 0.00	21.04 -1.27 0.00	27.66 -1.77 0.00	35.27 -2.70 0.00	30.20 -2.41 0.00	25.52 -1.46 0.00	23.51 -1.26 0.00	23.34 -1.36 0.00	23.54 -1.56 0.00	24.99 -1.40 0.00	26.49 -1.57 0.00	29.58 -2.36 -0.02	33.86 -2.82 0.00	41.66 -5.17 1.48	48.54 -5.58 1.14	40.58 -3.69 0.15	32.69 -3.04 0.00	28.35 -2.13 0.00	24.49 -1.70 0.00	22.21 -1.24 0.00
HARZA MOOSE___RIVER 24016	22.59 0.22 0.00	20.56 0.18 0.00	19.65 0.16 0.00	19.52 0.18 0.14	21.12 0.20 -0.74	23.43 0.31 -0.80	30.98 0.56 -0.99	40.01 0.84 -1.22	34.05 0.55 -0.88	27.28 0.30 0.00	24.92 0.15 0.00	24.83 0.12 0.00	25.74 -0.03 -0.67	27.32 0.03 -0.91	29.10 0.08 -0.95	33.02 0.03 -1.06	37.20 0.51 -0.01	49.45 0.82 -0.32	57.80 0.88 -1.65	44.96 0.53 0.00	36.19 0.46 0.00	30.98 0.49 0.00	26.51 0.31 0.00	23.67 0.21 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.98 -0.38 0.00	20.01 -0.37 0.00	19.14 -0.35 0.00	19.13 -0.35 0.00	19.82 -0.36 0.00	21.89 -0.42 0.00	28.96 -0.47 0.00	37.24 -0.72 0.00	31.97 -0.65 0.00	26.47 -0.51 0.00	24.28 -0.50 0.00	24.21 -0.49 0.00	24.54 -0.55 0.00	25.86 -0.53 0.00	27.47 -0.59 0.00	31.26 -0.67 0.00	35.80 -0.88 0.00	46.51 -1.21 0.59	53.54 -1.27 0.45	43.47 -0.89 0.06	35.05 -0.68 0.00	29.94 -0.55 0.00	25.70 -0.50 0.00	22.96 -0.49 0.00
HELLGATE_13_KV_LD 55870	24.29 1.92 0.00	22.11 1.73 -0.01	21.17 1.68 -0.01	21.16 1.68 -0.01	21.86 1.67 -0.01	24.06 1.74 0.00	31.55 2.12 0.00	40.58 2.62 0.00	35.39 2.77 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.16 3.13 -0.10	39.80 3.12 0.00	52.46 4.15 0.00	59.90 4.64 0.00	47.93 3.51 0.00	38.84 3.11 0.00	33.17 2.68 0.00	28.58 2.38 0.00	25.64 2.18 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.29 1.92 0.00	22.11 1.73 -0.01	21.17 1.68 -0.01	21.16 1.68 -0.01	21.86 1.67 -0.01	24.06 1.74 0.00	31.55 2.12 0.00	40.58 2.62 0.00	35.39 2.77 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.16 3.13 -0.10	39.80 3.12 0.00	52.46 4.15 0.00	59.90 4.64 0.00	47.93 3.51 0.00	38.84 3.11 0.00	33.17 2.68 0.00	28.58 2.38 0.00	25.64 2.18 0.00
HEMPSTEAD____ 23647	24.29 1.92 0.00	22.02 1.65 0.00	21.05 1.56 0.00	21.00 1.52 0.00	21.80 1.62 0.00	24.12 1.81 0.00	31.31 1.89 0.01	36.36 2.16 3.77	33.61 2.28 1.29	29.19 2.21 0.00	27.05 2.28 0.00	27.12 2.42 0.00	27.51 2.41 0.00	28.73 2.35 0.00	29.99 2.30 0.37	33.84 2.59 0.68	38.82 2.79 0.64	52.12 3.82 0.01	58.07 4.26 1.44	47.49 3.24 0.17	38.43 2.71 0.01	32.84 2.35 0.00	28.42 2.23 0.00	25.72 2.25 -0.01
HEWLETT_69_KV_BK3 55828	24.42 2.06 0.00	22.15 1.77 0.00	21.17 1.68 0.00	21.16 1.68 0.00	21.90 1.72 0.00	24.28 1.96 0.00	31.43 2.00 0.00	39.47 2.47 0.96	34.87 2.58 0.33	29.41 2.43 0.00	27.20 2.43 0.00	27.27 2.57 0.00	27.66 2.56 0.00	28.95 2.56 0.00	30.52 2.55 0.09	34.70 2.87 0.10	39.64 3.12 0.16	52.56 4.25 0.00	59.70 4.81 0.37	48.07 3.69 0.04	38.76 3.04 0.00	33.14 2.65 0.00	28.61 2.41 0.00	25.80 2.35 0.00
HICKLING___1 23621	22.50 0.13 0.00	20.52 0.14 0.00	19.61 0.12 0.00	19.62 0.14 0.00	20.44 0.26 0.00	22.56 0.25 0.00	29.69 0.26 0.00	38.07 0.11 0.00	32.45 -0.16 0.00	27.14 0.16 0.00	24.92 0.15 0.00	24.78 0.07 0.00	25.07 -0.03 0.00	26.60 0.21 0.00	28.23 0.17 0.00	31.64 -0.32 -0.03	36.57 -0.11 0.00	46.15 -1.35 0.81	53.48 -1.16 0.62	44.03 -0.31 0.08	35.44 -0.29 0.00	30.49 0.00 0.00	26.30 0.10 0.00	23.67 0.21 0.00
HICKLING___2 23622	22.50 0.13 0.00	20.52 0.14 0.00	19.61 0.12 0.00	19.62 0.14 0.00	20.44 0.26 0.00	22.56 0.25 0.00	29.69 0.26 0.00	38.07 0.11 0.00	32.45 -0.16 0.00	27.14 0.16 0.00	24.92 0.15 0.00	24.78 0.07 0.00	25.07 -0.03 0.00	26.60 0.21 0.00	28.23 0.17 0.00	31.64 -0.32 -0.03	36.57 -0.11 0.00	46.15 -1.35 0.81	53.48 -1.16 0.62	44.03 -0.31 0.08	35.44 -0.29 0.00	30.49 0.00 0.00	26.30 0.10 0.00	23.67 0.21 0.00
HIGH FALLS___HY 23754	24.02 1.66 0.00	21.86 1.49 0.00	20.91 1.42 0.00	20.92 1.44 0.00	21.65 1.47 0.00	23.92 1.61 0.00	31.43 2.00 0.00	40.69 2.73 0.00	35.16 2.54 0.00	29.14 2.16 0.00	26.85 2.08 0.00	26.80 2.10 0.00	27.21 2.11 0.00	28.58 2.19 0.00	30.44 2.39 0.00	34.80 2.78 -0.09	39.73 3.04 0.00	52.32 4.01 0.00	59.79 4.53 0.00	48.02 3.60 0.00	38.66 2.93 0.00	32.93 2.44 0.00	28.29 2.10 0.00	25.31 1.85 0.00
HIGH_RIVER___SOLAR 323847	23.59 1.23 0.00	21.52 1.14 0.00	20.54 1.05 0.00	20.51 1.03 0.00	21.27 1.09 0.00	23.54 1.23 0.00	31.17 1.74 0.00	40.20 2.24 0.00	34.38 1.76 0.00	28.17 1.19 0.00	25.56 0.79 0.00	25.47 0.77 0.00	25.95 0.85 0.00	27.23 0.84 0.00	29.15 1.09 0.00	33.53 1.56 -0.03	38.92 2.24 0.00	51.54 3.24 0.00	59.07 3.81 0.00	47.40 2.98 0.00	38.16 2.43 0.00	32.41 1.92 0.00	27.77 1.57 0.00	24.84 1.38 0.00



HILLBURN___GT 23639	23.86 1.50 0.00	21.74 1.37 0.00	20.80 1.31 0.00	20.79 1.31 0.00	21.53 1.35 0.00	23.76 1.45 0.00	31.32 1.89 0.00	40.39 2.43 0.00	34.90 2.28 0.00	28.95 1.97 0.00	26.70 1.93 0.00	26.65 1.95 0.00	27.08 1.98 0.00	28.45 2.06 0.00	30.28 2.22 0.00	34.57 2.56 -0.09	39.51 2.82 0.00	52.03 3.72 0.00	59.46 4.20 0.00	47.66 3.24 0.00	38.37 2.64 0.00	32.68 2.20 0.00	28.08 1.89 0.00	25.17 1.71 0.00
HILLSIDE_115KV_TB1 80332	22.36 0.00 0.00	20.42 0.04 0.00	19.51 0.02 0.00	19.52 0.04 0.00	20.32 0.14 0.00	22.45 0.13 0.00	29.49 0.06 0.00	37.77 -0.19 0.00	32.23 -0.39 0.00	26.95 -0.03 0.00	24.75 -0.02 0.00	24.63 -0.07 0.00	24.92 -0.18 0.00	26.44 0.05 0.00	28.03 -0.03 0.00	31.45 -0.51 -0.03	36.39 -0.29 0.00	45.89 -1.64 0.77	53.12 -1.55 0.59	43.68 -0.67 0.08	35.16 -0.57 0.00	30.27 -0.21 0.00	26.09 -0.10 0.00	23.53 0.07 0.00
HISHELDN_WT_PWR 323625	21.43 -0.94 0.00	19.58 -0.79 0.00	18.67 -0.82 0.00	18.74 -0.74 0.00	19.47 -0.71 0.00	21.49 -0.83 0.00	28.28 -1.15 0.00	35.95 -2.01 0.00	30.63 -1.99 0.00	25.82 -1.16 0.00	23.75 -1.02 0.00	23.59 -1.11 0.00	23.79 -1.31 0.00	25.33 -1.06 0.00	26.85 -1.21 0.00	29.91 -2.04 -0.02	34.44 -2.24 0.00	42.51 -4.49 1.30	49.51 -4.75 1.00	41.27 -3.02 0.13	33.37 -2.36 0.00	29.00 -1.49 0.00	24.96 -1.23 0.00	22.70 -0.75 0.00
HOLTSVILLE_IC_1 23690	24.58 2.21 0.00	22.25 1.87 0.00	21.22 1.73 0.00	21.18 1.69 0.00	22.02 1.84 0.00	24.44 2.12 0.00	31.28 1.86 0.01	32.85 1.90 7.01	32.27 2.06 2.40	29.14 2.16 0.00	27.05 2.28 0.00	27.15 2.45 0.00	27.51 2.41 0.00	28.60 2.22 0.00	29.36 1.99 0.69	32.89 2.30 1.33	37.91 2.42 1.19	51.54 3.24 0.01	56.23 3.65 2.67	46.77 2.67 0.32	38.18 2.46 0.01	32.56 2.07 0.00	28.45 2.25 0.00	26.00 2.53 -0.01
HOLTSVILLE_IC_10 23699	24.67 2.30 0.00	22.33 1.96 0.00	21.30 1.81 0.00	21.25 1.77 0.00	22.10 1.92 0.00	24.52 2.21 0.00	31.39 1.97 0.01	33.09 2.09 6.96	32.42 2.19 2.38	29.27 2.29 0.00	27.17 2.40 0.00	27.27 2.57 0.00	27.61 2.51 0.00	28.76 2.38 0.00	29.48 2.11 0.69	33.06 2.46 1.32	38.10 2.60 1.18	51.82 3.52 0.01	56.53 3.92 2.66	47.04 2.93 0.31	38.36 2.64 0.01	32.71 2.22 0.00	28.58 2.38 0.00	26.09 2.63 -0.01
HOLTSVILLE_IC_2 23691	24.58 2.21 0.00	22.25 1.87 0.00	21.22 1.73 0.00	21.18 1.69 0.00	22.02 1.84 0.00	24.44 2.12 0.00	31.28 1.86 0.01	32.85 1.90 7.01	32.27 2.06 2.40	29.14 2.16 0.00	27.05 2.28 0.00	27.15 2.45 0.00	27.51 2.41 0.00	28.60 2.22 0.00	29.36 1.99 0.69	32.89 2.30 1.33	37.91 2.42 1.19	51.54 3.24 0.01	56.23 3.65 2.67	46.77 2.67 0.32	38.18 2.46 0.01	32.56 2.07 0.00	28.45 2.25 0.00	26.00 2.53 -0.01
HOLTSVILLE_IC_3 23692	24.58 2.21 0.00	22.25 1.87 0.00	21.22 1.73 0.00	21.18 1.69 0.00	22.02 1.84 0.00	24.44 2.12 0.00	31.28 1.86 0.01	32.85 1.90 7.01	32.27 2.06 2.40	29.14 2.16 0.00	27.05 2.28 0.00	27.15 2.45 0.00	27.51 2.41 0.00	28.60 2.22 0.00	29.36 1.99 0.69	32.89 2.30 1.33	37.91 2.42 1.19	51.54 3.24 0.01	56.23 3.65 2.67	46.77 2.67 0.32	38.18 2.46 0.01	32.56 2.07 0.00	28.45 2.25 0.00	26.00 2.53 -0.01
HOLTSVILLE_IC_4 23693	24.58 2.21 0.00	22.25 1.87 0.00	21.22 1.73 0.00	21.18 1.69 0.00	22.02 1.84 0.00	24.44 2.12 0.00	31.28 1.86 0.01	32.85 1.90 7.01	32.27 2.06 2.40	29.14 2.16 0.00	27.05 2.28 0.00	27.15 2.45 0.00	27.51 2.41 0.00	28.60 2.22 0.00	29.36 1.99 0.69	32.89 2.30 1.33	37.91 2.42 1.19	51.54 3.24 0.01	56.23 3.65 2.67	46.77 2.67 0.32	38.18 2.46 0.01	32.56 2.07 0.00	28.45 2.25 0.00	26.00 2.53 -0.01
HOLTSVILLE_IC_5 23694	24.58 2.21 0.00	22.25 1.87 0.00	21.22 1.73 0.00	21.18 1.69 0.00	22.02 1.84 0.00	24.44 2.12 0.00	31.28 1.86 0.01	32.85 1.90 7.01	32.27 2.06 2.40	29.14 2.16 0.00	27.05 2.28 0.00	27.15 2.45 0.00	27.51 2.41 0.00	28.60 2.22 0.00	29.36 1.99 0.69	32.89 2.30 1.33	37.91 2.42 1.19	51.54 3.24 0.01	56.23 3.65 2.67	46.77 2.67 0.32	38.18 2.46 0.01	32.56 2.07 0.00	28.45 2.25 0.00	26.00 2.53 -0.01
HOLTSVILLE_IC_6 23695	24.67 2.30 0.00	22.33 1.96 0.00	21.30 1.81 0.00	21.25 1.77 0.00	22.10 1.92 0.00	24.52 2.21 0.00	31.39 1.97 0.01	33.09 2.09 6.96	32.42 2.19 2.38	29.27 2.29 0.00	27.17 2.40 0.00	27.27 2.57 0.00	27.61 2.51 0.00	28.76 2.38 0.00	29.48 2.11 0.69	33.06 2.46 1.32	38.10 2.60 1.18	51.82 3.52 0.01	56.53 3.92 2.66	47.04 2.93 0.31	38.36 2.64 0.01	32.71 2.22 0.00	28.58 2.38 0.00	26.09 2.63 -0.01
HOLTSVILLE_IC_7 23696	24.67 2.30 0.00	22.33 1.96 0.00	21.30 1.81 0.00	21.25 1.77 0.00	22.10 1.92 0.00	24.52 2.21 0.00	31.39 1.97 0.01	33.09 2.09 6.96	32.42 2.19 2.38	29.27 2.29 0.00	27.17 2.40 0.00	27.27 2.57 0.00	27.61 2.51 0.00	28.76 2.38 0.00	29.48 2.11 0.69	33.06 2.46 1.32	38.10 2.60 1.18	51.82 3.52 0.01	56.53 3.92 2.66	47.04 2.93 0.31	38.36 2.64 0.01	32.71 2.22 0.00	28.58 2.38 0.00	26.09 2.63 -0.01
HOLTSVILLE_IC_8 23697	24.67 2.30 0.00	22.33 1.96 0.00	21.30 1.81 0.00	21.25 1.77 0.00	22.10 1.92 0.00	24.52 2.21 0.00	31.39 1.97 0.01	33.09 2.09 6.96	32.42 2.19 2.38	29.27 2.29 0.00	27.17 2.40 0.00	27.27 2.57 0.00	27.61 2.51 0.00	28.76 2.38 0.00	29.48 2.11 0.69	33.06 2.46 1.32	38.10 2.60 1.18	51.82 3.52 0.01	56.53 3.92 2.66	47.04 2.93 0.31	38.36 2.64 0.01	32.71 2.22 0.00	28.58 2.38 0.00	26.09 2.63 -0.01
HOLTSVILLE_IC_9 23698	24.67 2.30 0.00	22.33 1.96 0.00	21.30 1.81 0.00	21.25 1.77 0.00	22.10 1.92 0.00	24.52 2.21 0.00	31.39 1.97 0.01	33.09 2.09 6.96	32.42 2.19 2.38	29.27 2.29 0.00	27.17 2.40 0.00	27.27 2.57 0.00	27.61 2.51 0.00	28.76 2.38 0.00	29.48 2.11 0.69	33.06 2.46 1.32	38.10 2.60 1.18	51.82 3.52 0.01	56.53 3.92 2.66	47.04 2.93 0.31	38.36 2.64 0.01	32.71 2.22 0.00	28.58 2.38 0.00	26.09 2.63 -0.01
HOMER_HL_115KV_TB2 355744	21.92 -0.45 0.00	20.03 -0.35 0.00	19.16 -0.33 0.00	19.15 -0.33 0.00	20.04 -0.14 0.00	22.07 -0.25 0.00	28.99 -0.44 0.00	36.82 -1.14 0.00	31.35 -1.27 0.00	26.47 -0.51 0.00	24.37 -0.40 0.00	24.21 -0.49 0.00	24.39 -0.70 0.00	26.02 -0.37 0.00	27.53 -0.53 0.00	30.00 -1.95 -0.02	35.40 -1.28 0.00	42.51 -4.54 1.26	49.60 -4.70 0.96	41.58 -2.71 0.13	33.87 -1.86 0.00	29.33 -1.16 0.00	25.38 -0.81 0.00	23.13 -0.33 0.00
HOWARD_WT_PWR 323690	22.19 -0.18 0.00	20.27 -0.10 0.00	19.30 -0.19 0.00	19.37 -0.12 0.00	20.16 -0.02 0.00	22.23 -0.09 0.00	29.31 -0.12 0.00	37.54 -0.42 0.00	32.65 0.03 0.00	27.57 0.59 0.00	25.41 0.64 0.00	25.27 0.57 0.00	25.40 0.30 0.00	26.94 0.55 0.00	27.86 -0.20 0.00	31.06 -0.89 -0.03	35.47 -1.21 0.00	44.20 -3.09 1.01	51.55 -2.93 0.78	42.68 -1.64 0.10	34.44 -1.28 0.00	29.82 -0.67 0.00	25.67 -0.52 0.00	23.15 -0.31 0.00



HQ_GEN_CEDARS 23644	22.07 -0.29 0.00	20.12 -0.24 0.01	19.23 -0.25 0.01	18.10 -0.23 1.15	21.26 -0.16 -1.24	23.57 -0.09 -1.34	30.95 -0.15 -1.67	39.90 -0.11 -2.05	33.80 -0.29 -1.47	26.66 -0.32 0.00	24.52 -0.25 0.00	24.43 -0.27 0.00	26.05 -0.18 -1.13	27.73 -0.18 -1.53	29.44 -0.22 -1.60	33.45 -0.26 -1.78	36.58 -0.11 -0.01	48.75 -0.10 -0.53	57.71 -0.33 -2.78	43.98 -0.44 0.00	35.41 -0.32 0.00	30.12 -0.37 0.00	25.88 -0.31 0.00	23.27 -0.19 0.00
HQ_GEN_CEDARS_PROXY 323590	22.07 -0.29 0.00	20.12 -0.24 0.01	19.23 -0.25 0.01	18.10 -0.23 1.15	21.26 -0.16 -1.24	23.55 -0.11 -1.34	30.95 -0.15 -1.67	39.90 -0.11 -2.05	33.80 -0.29 -1.47	26.66 -0.32 0.00	24.52 -0.25 0.00	24.43 -0.27 0.00	26.05 -0.17 -1.13	27.73 -0.18 -1.53	29.44 -0.23 -1.60	33.45 -0.26 -1.78	36.58 -0.11 -0.01	48.75 -0.10 -0.53	57.71 -0.33 -2.78	46.29 -0.44 -2.31	35.33 -0.39 0.00	30.12 -0.36 0.00	25.88 -0.31 0.00	23.24 -0.21 0.00
HQ_GEN_IMPORT 323601	22.21 -0.16 0.00	20.23 -0.14 0.00	19.35 -0.14 0.00	19.18 -0.14 0.17	20.06 -0.12 0.00	22.20 -0.11 0.00	29.28 -0.15 0.00	37.81 -0.15 0.00	32.42 -0.19 0.00	26.79 -0.19 0.00	24.62 -0.15 0.00	24.53 -0.17 0.00	24.97 -0.12 0.00	26.25 -0.13 0.00	27.92 -0.14 0.00	31.77 -0.16 0.00	36.54 -0.15 0.00	48.16 -0.14 0.00	55.04 -0.22 0.00	44.16 -0.26 0.00	35.48 -0.25 0.00	30.28 -0.21 0.00	26.01 -0.18 0.00	23.32 -0.14 0.00
HQ_GEN_WHEEL 23651	22.21 -0.16 0.00	20.23 -0.14 0.00	19.35 -0.14 0.00	19.18 -0.14 0.17	20.06 -0.12 0.00	22.20 -0.11 0.00	29.28 -0.15 0.00	37.81 -0.15 0.00	32.42 -0.19 0.00	26.79 -0.19 0.00	24.62 -0.15 0.00	24.53 -0.17 0.00	24.97 -0.12 0.00	26.25 -0.13 0.00	27.92 -0.14 0.00	31.77 -0.16 0.00	36.54 -0.15 0.00	48.16 -0.14 0.00	55.04 -0.22 0.00	44.16 -0.26 0.00	35.48 -0.25 0.00	30.28 -0.21 0.00	26.01 -0.18 0.00	23.32 -0.14 0.00
HUDSON_AVE_GT_3 23810	24.20 1.83 0.00	22.03 1.65 0.00	21.09 1.60 0.00	21.08 1.60 0.00	21.77 1.59 0.00	24.03 1.72 0.00	31.58 2.15 0.00	40.77 2.81 0.00	35.49 2.87 0.00	29.49 2.51 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.66 2.56 0.00	29.02 2.64 0.00	30.87 2.81 0.00	35.19 3.16 -0.10	40.02 3.34 0.00	52.75 4.44 0.00	60.23 4.97 0.00	48.24 3.82 0.00	38.98 3.25 0.00	33.20 2.71 0.00	28.55 2.36 0.00	25.54 2.09 0.00
HUDSON_AVE_GT_4 23540	24.20 1.83 0.00	22.03 1.65 0.00	21.09 1.60 0.00	21.08 1.60 0.00	21.77 1.59 0.00	24.03 1.72 0.00	31.58 2.15 0.00	40.77 2.81 0.00	35.49 2.87 0.00	29.49 2.51 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.66 2.56 0.00	29.02 2.64 0.00	30.87 2.81 0.00	35.19 3.16 -0.10	40.02 3.34 0.00	52.75 4.44 0.00	60.23 4.97 0.00	48.24 3.82 0.00	38.98 3.25 0.00	33.20 2.71 0.00	28.55 2.36 0.00	25.54 2.09 0.00
HUDSON_AVE_GT_5 23657	24.20 1.83 0.00	22.03 1.65 0.00	21.09 1.60 0.00	21.08 1.60 0.00	21.77 1.59 0.00	24.03 1.72 0.00	31.58 2.15 0.00	40.77 2.81 0.00	35.49 2.87 0.00	29.49 2.51 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.66 2.56 0.00	29.02 2.64 0.00	30.87 2.81 0.00	35.19 3.16 -0.10	40.02 3.34 0.00	52.75 4.44 0.00	60.23 4.97 0.00	48.24 3.82 0.00	38.98 3.25 0.00	33.20 2.71 0.00	28.55 2.36 0.00	25.54 2.09 0.00
HUDSON_AVE_10 24168	24.13 1.77 0.00	21.96 1.59 0.00	21.03 1.54 0.00	21.02 1.54 0.00	21.69 1.51 0.00	23.94 1.63 0.00	31.49 2.06 0.00	40.66 2.70 0.00	35.39 2.77 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.09 3.07 -0.10	39.91 3.23 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.15 3.73 0.00	38.87 3.14 0.00	33.14 2.65 0.00	28.47 2.28 0.00	25.47 2.02 0.00
HUDSON___115KV_TB 4 355613	23.37 1.01 0.00	21.33 0.96 0.00	20.43 0.94 0.00	20.40 0.92 0.00	21.07 0.89 0.00	23.32 1.00 0.00	30.87 1.44 0.00	40.01 2.05 0.00	34.41 1.79 0.00	28.19 1.21 0.00	25.74 0.97 0.00	25.64 0.94 0.00	26.13 1.03 0.00	27.36 0.98 0.00	29.18 1.12 0.00	33.64 1.63 -0.08	38.70 2.02 0.00	51.35 3.04 0.00	58.79 3.54 0.00	47.13 2.71 0.00	37.94 2.22 0.00	32.17 1.68 0.00	27.56 1.36 0.00	24.63 1.17 0.00
HUNTER MOUNT___DRP 323613	23.33 0.96 0.00	21.33 0.96 0.00	20.41 0.92 0.00	20.38 0.90 0.00	21.05 0.87 0.00	23.30 0.98 0.00	30.90 1.47 0.00	40.09 2.13 0.00	34.38 1.76 0.00	28.09 1.11 0.00	25.61 0.84 0.00	25.47 0.77 0.00	25.98 0.88 0.00	27.18 0.79 0.00	29.01 0.95 0.00	33.61 1.60 -0.08	38.63 1.94 0.00	51.35 3.04 0.00	58.79 3.54 0.00	47.18 2.75 0.00	37.94 2.22 0.00	32.13 1.65 0.00	27.51 1.31 0.00	24.58 1.13 0.00
HUNTINGTON_RES_REC 323705	24.47 2.10 0.00	22.17 1.79 0.00	21.15 1.66 0.00	21.10 1.62 0.00	21.92 1.74 0.00	24.30 1.99 0.00	31.16 1.74 0.01	32.82 1.82 6.96	32.22 1.99 2.38	29.16 2.18 0.00	27.07 2.30 0.00	27.17 2.47 0.00	27.51 2.41 0.00	28.60 2.22 0.00	29.37 1.99 0.69	32.87 2.27 1.33	37.95 2.46 1.18	51.63 3.33 0.01	56.30 3.70 2.66	46.86 2.76 0.31	38.18 2.46 0.01	32.56 2.07 0.00	28.40 2.20 0.00	25.90 2.44 -0.01
HUNTLEY___63 23557	21.31 -1.05 0.00	19.42 -0.96 0.00	18.57 -0.92 0.00	18.51 -0.97 0.00	19.37 -0.81 0.00	21.27 -1.05 0.00	27.96 -1.47 0.00	35.65 -2.32 0.00	30.50 -2.12 0.00	25.82 -1.16 0.00	23.78 -0.99 0.00	23.64 -1.06 0.00	23.82 -1.28 0.00	25.30 -1.08 0.00	26.83 -1.23 0.00	29.90 -2.04 -0.02	34.26 -2.42 0.00	42.07 -4.78 1.45	49.06 -5.08 1.11	40.94 -3.33 0.15	32.98 -2.75 0.00	28.60 -1.89 0.00	24.73 -1.47 0.00	22.45 -1.01 0.00
HUNTLEY___64 23558	21.31 -1.05 0.00	19.42 -0.96 0.00	18.57 -0.92 0.00	18.51 -0.97 0.00	19.37 -0.81 0.00	21.27 -1.05 0.00	27.96 -1.47 0.00	35.65 -2.32 0.00	30.50 -2.12 0.00	25.82 -1.16 0.00	23.78 -0.99 0.00	23.64 -1.06 0.00	23.82 -1.28 0.00	25.30 -1.08 0.00	26.83 -1.23 0.00	29.90 -2.04 -0.02	34.26 -2.42 0.00	42.07 -4.78 1.45	49.06 -5.08 1.11	40.94 -3.33 0.15	32.98 -2.75 0.00	28.60 -1.89 0.00	24.73 -1.47 0.00	22.45 -1.01 0.00
HUNTLEY___65 23559	21.31 -1.05 0.00	19.42 -0.96 0.00	18.57 -0.92 0.00	18.51 -0.97 0.00	19.37 -0.81 0.00	21.27 -1.05 0.00	27.96 -1.47 0.00	35.65 -2.32 0.00	30.50 -2.12 0.00	25.82 -1.16 0.00	23.78 -0.99 0.00	23.64 -1.06 0.00	23.82 -1.28 0.00	25.30 -1.08 0.00	26.83 -1.23 0.00	29.90 -2.04 -0.02	34.26 -2.42 0.00	42.07 -4.78 1.45	49.06 -5.08 1.11	40.94 -3.33 0.15	32.98 -2.75 0.00	28.60 -1.89 0.00	24.73 -1.47 0.00	22.45 -1.01 0.00
HUNTLEY___66 23560	21.31 -1.05 0.00	19.42 -0.96 0.00	18.57 -0.92 0.00	18.51 -0.97 0.00	19.37 -0.81 0.00	21.27 -1.05 0.00	27.96 -1.47 0.00	35.65 -2.32 0.00	30.50 -2.12 0.00	25.82 -1.16 0.00	23.78 -0.99 0.00	23.64 -1.06 0.00	23.82 -1.28 0.00	25.30 -1.08 0.00	26.83 -1.23 0.00	29.90 -2.04 -0.02	34.26 -2.42 0.00	42.07 -4.78 1.45	49.06 -5.08 1.11	40.94 -3.33 0.15	32.98 -2.75 0.00	28.60 -1.89 0.00	24.73 -1.47 0.00	22.45 -1.01 0.00



HUNTLEY___67 23561	21.22 -1.14 0.00	19.36 -1.02 0.00	18.50 -0.99 0.00	18.43 -1.05 0.00	19.27 -0.91 0.00	21.15 -1.16 0.00	27.81 -1.62 0.00	35.38 -2.58 0.00	30.30 -2.32 0.00	25.63 -1.35 0.00	23.61 -1.16 0.00	23.47 -1.24 0.00	23.64 -1.46 0.00	25.09 -1.29 0.00	26.60 -1.46 0.00	29.68 -2.27 -0.02	34.04 -2.64 0.00	41.84 -5.02 1.44	48.74 -5.42 1.10	40.72 -3.55 0.15	32.83 -2.89 0.00	28.48 -2.01 0.00	24.62 -1.57 0.00	22.35 -1.10 0.00
HUNTLEY___68 23562	21.22 -1.14 0.00	19.36 -1.02 0.00	18.50 -0.99 0.00	18.43 -1.05 0.00	19.27 -0.91 0.00	21.15 -1.16 0.00	27.81 -1.62 0.00	35.38 -2.58 0.00	30.30 -2.32 0.00	25.63 -1.35 0.00	23.61 -1.16 0.00	23.47 -1.24 0.00	23.64 -1.46 0.00	25.09 -1.29 0.00	26.60 -1.46 0.00	29.68 -2.27 -0.02	34.04 -2.64 0.00	41.84 -5.02 1.44	48.74 -5.42 1.10	40.72 -3.55 0.15	32.83 -2.89 0.00	28.48 -2.01 0.00	24.62 -1.57 0.00	22.35 -1.10 0.00
HYLAND___LFG 323620	22.54 0.18 0.00	20.54 0.16 0.00	19.57 0.08 0.00	19.60 0.12 0.00	20.36 0.18 0.00	22.63 0.31 0.00	30.02 0.59 0.00	38.76 0.80 0.00	32.62 0.00 0.00	27.01 0.03 0.00	24.52 -0.25 0.00	24.28 -0.42 0.00	24.49 -0.60 0.00	26.07 -0.32 0.00	27.72 -0.34 0.00	31.34 -0.61 -0.02	36.17 -0.51 0.00	45.82 -1.21 1.28	53.78 -0.50 0.98	44.78 0.49 0.13	35.94 0.22 0.00	30.95 0.46 0.00	26.43 0.24 0.00	23.76 0.30 0.00
INDECK___CORINTH 23802	23.33 0.96 0.00	21.29 0.92 0.00	20.31 0.82 0.00	20.24 0.76 0.00	21.01 0.83 0.00	23.25 0.94 0.00	30.87 1.44 0.00	39.90 1.93 0.00	34.41 1.79 0.00	28.22 1.24 0.00	25.76 0.99 0.00	25.69 0.99 0.00	26.28 1.18 0.00	27.49 1.11 0.00	28.98 0.92 0.00	33.24 1.28 -0.03	38.33 1.65 0.00	50.91 2.61 0.00	58.35 3.09 0.00	46.73 2.31 0.00	37.58 1.86 0.00	32.01 1.52 0.00	27.40 1.21 0.00	24.56 1.10 0.00
INDECK___ILION 23567	22.54 0.18 0.00	20.54 0.16 0.00	19.65 0.16 0.00	19.70 0.16 -0.06	20.34 0.16 0.00	22.52 0.20 0.00	29.69 0.26 0.00	38.26 0.30 0.00	32.88 0.26 0.00	27.20 0.22 0.00	24.94 0.17 0.00	24.90 0.20 0.00	25.25 0.15 0.00	26.52 0.13 0.00	28.20 0.14 0.00	32.09 0.16 0.00	36.90 0.22 0.00	48.60 0.29 0.00	55.53 0.28 0.00	44.60 0.18 0.00	35.87 0.14 0.00	30.64 0.15 0.00	26.30 0.10 0.00	23.53 0.07 0.00
INDECK___OLEAN 23982	21.92 -0.45 0.00	20.07 -0.31 0.00	19.16 -0.33 0.00	19.25 -0.23 0.00	20.04 -0.14 0.00	22.14 -0.18 0.00	29.14 -0.29 0.00	36.90 -1.06 0.00	31.34 -1.27 0.00	26.47 -0.51 0.00	24.37 -0.40 0.00	24.18 -0.52 0.00	24.39 -0.70 0.00	26.04 -0.34 0.00	27.53 -0.53 0.00	29.94 -2.01 -0.02	35.40 -1.28 0.00	42.51 -4.54 1.26	49.60 -4.70 0.96	41.58 -2.71 0.13	33.87 -1.86 0.00	29.45 -1.04 0.00	25.38 -0.81 0.00	23.22 -0.23 0.00
INDECK___OSWEGO 23783	21.81 -0.56 0.00	19.87 -0.51 0.00	19.00 -0.49 0.00	18.96 -0.49 0.03	19.68 -0.50 0.00	21.73 -0.58 0.00	28.64 -0.79 0.00	36.90 -1.06 0.00	31.67 -0.95 0.00	26.22 -0.76 0.00	24.03 -0.74 0.00	23.96 -0.74 0.00	24.29 -0.80 0.00	25.57 -0.82 0.00	27.19 -0.87 0.00	30.94 -0.99 0.00	35.51 -1.18 0.00	48.78 -1.55 -2.02	55.15 -1.66 -1.55	43.39 -1.24 -0.21	34.76 -0.96 0.00	29.70 -0.79 0.00	25.46 -0.73 0.00	22.75 -0.70 0.00
INDECK___YERKES 23781	21.34 -1.03 0.00	19.52 -0.85 0.00	18.59 -0.90 0.00	18.68 -0.80 0.00	19.39 -0.79 0.00	21.40 -0.92 0.00	28.14 -1.29 0.00	35.76 -2.20 0.00	30.53 -2.09 0.00	25.85 -1.13 0.00	23.83 -0.94 0.00	23.67 -1.04 0.00	23.84 -1.25 0.00	25.38 -1.00 0.00	26.85 -1.21 0.00	29.90 -2.04 -0.02	34.30 -2.38 0.00	42.12 -4.73 1.45	49.12 -5.03 1.11	40.99 -3.29 0.15	33.01 -2.72 0.00	28.75 -1.74 0.00	24.75 -1.44 0.00	22.54 -0.92 0.00
INDIAN POINT_GT_1 24139	23.98 1.61 0.00	21.82 1.45 0.00	20.87 1.38 0.00	20.88 1.40 0.00	21.59 1.41 0.00	23.85 1.54 0.00	31.28 1.85 0.00	40.50 2.54 0.00	35.10 2.48 0.00	29.11 2.13 0.00	26.83 2.06 0.00	26.83 2.12 0.00	27.26 2.16 0.00	28.60 2.22 0.00	30.44 2.39 0.00	34.74 2.71 -0.10	39.65 2.97 0.00	52.22 3.91 0.00	59.68 4.42 0.00	47.84 3.42 0.00	38.55 2.82 0.00	32.84 2.35 0.00	28.24 2.04 0.00	25.29 1.83 0.00
INDIAN POINT_GT_2 23659	23.98 1.61 0.00	21.82 1.45 0.00	20.87 1.38 0.00	20.88 1.40 0.00	21.59 1.41 0.00	23.85 1.54 0.00	31.28 1.85 0.00	40.50 2.54 0.00	35.10 2.48 0.00	29.11 2.13 0.00	26.83 2.06 0.00	26.83 2.12 0.00	27.26 2.16 0.00	28.60 2.22 0.00	30.44 2.39 0.00	34.74 2.71 -0.10	39.65 2.97 0.00	52.22 3.91 0.00	59.68 4.42 0.00	47.84 3.42 0.00	38.55 2.82 0.00	32.84 2.35 0.00	28.24 2.04 0.00	25.29 1.83 0.00
INDIAN POINT_GT_3 24019	23.98 1.61 0.00	21.82 1.45 0.00	20.87 1.38 0.00	20.88 1.40 0.00	21.59 1.41 0.00	23.85 1.54 0.00	31.28 1.85 0.00	40.50 2.54 0.00	35.10 2.48 0.00	29.11 2.13 0.00	26.83 2.06 0.00	26.83 2.12 0.00	27.26 2.16 0.00	28.60 2.22 0.00	30.44 2.39 0.00	34.74 2.71 -0.10	39.65 2.97 0.00	52.22 3.91 0.00	59.68 4.42 0.00	47.84 3.42 0.00	38.55 2.82 0.00	32.84 2.35 0.00	28.24 2.04 0.00	25.29 1.83 0.00
INDIAN POINT___2 23530	23.91 1.54 0.00	21.76 1.39 0.00	20.82 1.33 0.00	20.81 1.33 0.00	21.53 1.35 0.00	23.76 1.45 0.00	31.32 1.89 0.00	40.39 2.43 0.00	34.97 2.35 0.00	29.00 2.02 0.00	26.75 1.98 0.00	26.73 2.03 0.00	27.16 2.06 0.00	28.52 2.14 0.00	30.33 2.27 0.00	34.61 2.59 -0.09	39.54 2.86 0.00	52.08 3.77 0.00	59.51 4.26 0.00	47.71 3.29 0.00	38.44 2.71 0.00	32.71 2.22 0.00	28.13 1.94 0.00	25.22 1.76 0.00
INDIAN POINT___3 23531	24.00 1.63 0.00	21.84 1.47 0.00	20.89 1.40 0.00	20.90 1.42 0.00	21.59 1.41 0.00	23.88 1.56 0.00	31.31 1.88 0.00	40.50 2.54 0.00	35.16 2.54 0.00	29.17 2.19 0.00	26.88 2.11 0.00	26.88 2.17 0.00	27.31 2.21 0.00	28.66 2.27 0.00	30.47 2.41 0.00	34.77 2.75 -0.10	39.69 3.01 0.00	52.32 4.01 0.00	59.73 4.48 0.00	47.84 3.42 0.00	38.59 2.86 0.00	32.90 2.41 0.00	28.29 2.10 0.00	25.31 1.85 0.00
INGHAM_C_115KV_TB7 356103	22.50 0.13 0.00	20.50 0.12 0.00	19.59 0.10 0.00	19.66 0.12 -0.06	20.28 0.10 0.00	22.45 0.13 0.00	29.64 0.21 0.00	38.11 0.15 0.00	32.75 0.13 0.00	27.06 0.08 0.00	24.84 0.07 0.00	24.83 0.12 0.00	25.15 0.05 0.00	26.39 0.00 0.00	28.00 -0.06 0.00	31.83 -0.10 0.00	36.64 -0.04 0.00	48.21 -0.10 0.00	54.98 -0.28 0.00	44.11 -0.31 0.00	35.44 -0.29 0.00	30.34 -0.15 0.00	26.04 -0.16 0.00	23.27 -0.19 0.00
IP CORINTH___1 23988	23.44 1.07 0.00	21.39 1.02 0.00	20.41 0.92 0.00	20.36 0.88 0.00	21.11 0.93 0.00	23.39 1.07 0.00	30.99 1.56 0.00	40.09 2.13 0.00	34.57 1.96 0.00	28.36 1.38 0.00	25.89 1.11 0.00	25.81 1.11 0.00	26.40 1.31 0.00	27.63 1.24 0.00	29.15 1.09 0.00	33.40 1.44 -0.03	38.52 1.83 0.00	51.16 2.85 0.00	58.63 3.37 0.00	46.96 2.53 0.00	37.76 2.04 0.00	32.20 1.71 0.00	27.53 1.34 0.00	25.29 1.83 0.00



IP___TICONDEROGA 23804	24.27 1.90 0.00	22.19 1.81 0.00	21.11 1.62 0.00	21.04 1.56 0.00	21.83 1.65 0.00	24.23 1.92 0.00	32.26 2.83 0.00	41.68 3.72 0.00	35.94 3.33 0.00	29.38 2.40 0.00	26.68 1.91 0.00	26.60 1.90 0.00	27.31 2.21 0.00	28.52 2.14 0.00	30.16 2.10 0.00	34.65 2.68 -0.04	40.06 3.37 0.00	53.52 5.22 0.00	61.45 6.19 0.00	49.22 4.80 0.00	39.55 3.82 0.00	33.45 2.96 0.00	28.50 2.31 0.00	26.08 2.63 0.00
ISLIP_RES_REC 323679	24.76 2.39 0.00	22.41 2.04 0.00	21.38 1.89 0.00	21.33 1.85 0.00	22.16 1.98 0.00	24.61 2.30 0.00	31.51 2.09 0.01	33.28 2.24 6.92	32.60 2.35 2.37	29.35 2.37 0.00	27.27 2.50 0.00	27.37 2.67 0.00	27.73 2.63 0.00	28.87 2.48 0.00	29.62 2.25 0.68	33.23 2.62 1.32	38.33 2.82 1.18	52.07 3.77 0.01	56.87 4.26 2.64	47.26 3.15 0.31	38.54 2.82 0.01	32.90 2.41 0.00	28.69 2.49 0.00	26.18 2.72 -0.01
JAMAICA__27_KV_LOAD 355505	24.18 1.81 0.00	22.00 1.63 0.00	21.09 1.60 0.00	21.08 1.60 0.00	21.73 1.55 0.00	23.99 1.67 0.00	31.61 2.18 0.00	40.77 2.81 0.00	35.52 2.90 0.00	29.57 2.59 0.00	27.27 2.50 0.00	27.27 2.57 0.00	27.73 2.64 0.00	29.13 2.74 0.00	30.98 2.92 0.00	35.25 3.22 -0.10	40.06 3.37 0.00	52.90 4.59 0.00	60.45 5.19 0.00	48.42 4.00 0.00	39.09 3.36 0.00	33.32 2.84 0.00	28.61 2.41 0.00	25.54 2.09 0.00
JANIS___SOLAR 323808	22.88 0.51 0.00	20.80 0.43 0.00	19.84 0.35 0.00	19.87 0.39 0.00	20.60 0.42 0.00	22.87 0.56 0.00	30.43 1.00 0.00	39.25 1.29 0.00	33.30 0.69 0.00	27.36 0.38 0.00	24.85 0.07 0.00	24.70 0.00 0.00	24.90 -0.20 0.00	26.31 -0.08 0.00	28.03 -0.03 0.00	31.99 0.03 -0.03	37.16 0.48 0.00	48.69 0.77 0.39	56.12 1.16 0.30	45.72 1.33 0.04	36.76 1.04 0.00	31.49 1.00 0.00	26.93 0.73 0.00	23.97 0.52 0.00
JARVIS____ 23743	22.52 0.16 0.00	20.52 0.14 0.00	19.63 0.14 0.00	19.68 0.14 -0.06	20.32 0.14 0.00	22.47 0.16 0.00	29.64 0.21 0.00	38.23 0.27 0.00	32.88 0.26 0.00	27.17 0.19 0.00	24.95 0.17 0.00	24.88 0.17 0.00	25.27 0.18 0.00	26.55 0.16 0.00	28.26 0.20 0.00	32.15 0.23 0.00	36.94 0.26 0.00	48.65 0.34 0.00	55.65 0.39 0.00	44.74 0.31 0.00	36.01 0.28 0.00	30.70 0.21 0.00	26.40 0.21 0.00	23.62 0.17 0.00
JENNISON___1 23625	23.53 1.16 0.00	21.41 1.04 0.00	20.45 0.96 0.00	20.48 0.99 0.00	21.25 1.07 0.00	23.56 1.25 0.00	31.25 1.82 0.00	40.28 2.32 0.00	34.31 1.70 0.00	28.36 1.38 0.00	25.86 1.09 0.00	25.76 1.06 0.00	25.93 0.83 0.00	27.41 1.03 0.00	29.18 1.12 0.00	33.09 1.12 -0.04	38.37 1.69 0.00	49.85 1.98 0.44	57.30 2.38 0.34	46.73 2.35 0.05	37.62 1.89 0.00	32.29 1.80 0.00	27.66 1.47 0.00	24.70 1.24 0.00
JENNISON___2 23626	23.53 1.16 0.00	21.41 1.04 0.00	20.45 0.96 0.00	20.48 0.99 0.00	21.25 1.07 0.00	23.56 1.25 0.00	31.25 1.82 0.00	40.28 2.32 0.00	34.31 1.70 0.00	28.36 1.38 0.00	25.86 1.09 0.00	25.76 1.06 0.00	25.93 0.83 0.00	27.41 1.03 0.00	29.18 1.12 0.00	33.09 1.12 -0.04	38.37 1.69 0.00	49.85 1.98 0.44	57.30 2.38 0.34	46.73 2.35 0.05	37.62 1.89 0.00	32.29 1.80 0.00	27.66 1.47 0.00	24.70 1.24 0.00
JERICHO_RISE_WT_PWR 323719	21.63 -0.74 0.00	19.63 -0.73 0.01	18.70 -0.78 0.01	17.46 -0.84 1.19	-8.97 -0.83 28.33	-9.16 -0.85 30.62	-9.66 -1.09 38.00	-10.00 -1.33 46.63	-2.18 -1.27 33.52	25.90 -1.08 0.00	23.93 -0.84 0.00	23.69 -1.01 0.00	-1.52 -0.93 25.69	-9.35 -1.00 34.73	-9.47 -1.07 36.46	-9.74 -1.18 40.49	35.26 -1.21 0.21	34.63 -1.50 12.18	-10.00 -1.94 63.32	-10.00 -1.78 52.65	34.33 -1.39 0.00	29.27 -1.22 0.00	25.12 -1.08 0.00	22.61 -0.84 0.00
KATONAH__115KV_46KV_TB4 355592	24.13 1.77 0.00	21.92 1.55 0.00	20.97 1.48 0.00	21.00 1.52 0.00	21.69 1.51 0.00	23.97 1.65 0.00	31.49 2.06 0.00	40.81 2.85 0.00	35.39 2.77 0.00	29.30 2.32 0.00	27.00 2.23 0.00	27.02 2.32 0.00	27.46 2.36 0.00	28.81 2.43 0.00	30.67 2.61 0.00	35.00 2.97 -0.10	39.95 3.26 0.00	52.66 4.35 0.00	60.23 4.97 0.00	48.20 3.78 0.00	38.87 3.14 0.00	33.11 2.62 0.00	28.45 2.25 0.00	25.45 1.99 0.00
KCE_NY_1 323755	23.62 1.25 0.00	21.54 1.16 0.00	20.56 1.07 0.00	20.53 1.05 0.00	21.27 1.09 0.00	23.54 1.23 0.00	31.17 1.74 0.00	40.32 2.35 0.00	34.74 2.12 0.00	28.54 1.56 0.00	26.11 1.34 0.00	26.04 1.33 0.00	26.58 1.48 0.00	27.84 1.45 0.00	29.55 1.49 0.00	33.82 1.85 -0.04	38.99 2.31 0.00	51.64 3.33 0.00	59.12 3.87 0.00	47.45 3.02 0.00	38.19 2.46 0.00	32.41 1.92 0.00	27.79 1.60 0.00	24.86 1.41 0.00
KCE_NY_6_ESR 323823	21.52 -0.85 0.00	19.68 -0.69 0.00	18.75 -0.74 0.00	18.84 -0.64 0.00	19.55 -0.63 0.00	21.60 -0.71 0.00	28.43 -1.00 0.00	36.10 -1.86 0.00	30.79 -1.83 0.00	26.01 -0.97 0.00	23.98 -0.79 0.00	23.81 -0.89 0.00	23.99 -1.10 0.00	25.57 -0.82 0.00	27.05 -1.01 0.00	30.00 -1.95 -0.02	34.63 -2.05 0.00	42.32 -4.59 1.39	49.38 -4.81 1.07	41.22 -3.06 0.14	33.33 -2.39 0.00	29.00 -1.49 0.00	24.99 -1.20 0.00	22.78 -0.68 0.00
KEDC_PORT_JEFF_GT2 24210	24.62 2.26 0.00	22.29 1.91 0.00	21.28 1.79 0.00	21.24 1.75 0.00	22.06 1.88 0.00	24.48 2.16 0.00	31.33 1.91 0.01	32.88 1.90 6.98	32.32 2.09 2.39	29.22 2.24 0.00	27.12 2.35 0.00	27.25 2.54 0.00	27.58 2.49 0.00	28.71 2.32 0.00	29.34 1.96 0.69	32.87 2.27 1.33	37.91 2.42 1.19	51.39 3.09 0.01	56.08 3.48 2.66	46.64 2.53 0.32	38.15 2.43 0.01	32.56 2.07 0.00	28.53 2.33 0.00	26.07 2.60 -0.01
KEDC_PORT_JEFF_GT3 24211	24.62 2.26 0.00	22.29 1.91 0.00	21.28 1.79 0.00	21.24 1.75 0.00	22.06 1.88 0.00	24.48 2.16 0.00	31.33 1.91 0.01	32.88 1.90 6.98	32.32 2.09 2.39	29.22 2.24 0.00	27.12 2.35 0.00	27.25 2.54 0.00	27.58 2.49 0.00	28.71 2.32 0.00	29.34 1.96 0.69	32.87 2.27 1.33	37.91 2.42 1.19	51.39 3.09 0.01	56.08 3.48 2.66	46.64 2.53 0.32	38.15 2.43 0.01	32.56 2.07 0.00	28.53 2.33 0.00	26.07 2.60 -0.01
KEDC_GLWD_GT4 24219	24.38 2.01 0.00	22.11 1.73 0.00	21.13 1.64 0.00	21.08 1.60 0.00	21.88 1.70 0.00	24.21 1.90 0.00	31.45 2.03 0.01	37.62 2.43 2.78	34.18 2.51 0.95	29.35 2.37 0.00	27.20 2.43 0.00	27.27 2.57 0.00	27.66 2.56 0.00	28.89 2.51 0.00	30.28 2.50 0.28	34.27 2.81 0.47	39.25 3.04 0.48	52.45 4.16 0.01	58.84 4.64 1.06	47.85 3.56 0.13	38.72 3.00 0.01	33.02 2.53 0.00	28.55 2.36 0.00	25.81 2.35 -0.01
KEDC_GLWD_GT5 24220	24.38 2.01 0.00	22.11 1.73 0.00	21.13 1.64 0.00	21.08 1.60 0.00	21.88 1.70 0.00	24.21 1.90 0.00	31.45 2.03 0.01	37.62 2.43 2.78	34.18 2.51 0.95	29.35 2.37 0.00	27.20 2.43 0.00	27.27 2.57 0.00	27.66 2.56 0.00	28.89 2.51 0.00	30.28 2.50 0.28	34.27 2.81 0.47	39.25 3.04 0.48	52.45 4.16 0.01	58.84 4.64 1.06	47.85 3.56 0.13	38.72 3.00 0.01	33.02 2.53 0.00	28.55 2.36 0.00	25.81 2.35 -0.01



KENSICO____ 23655	24.02 1.66 0.00	21.86 1.49 0.00	20.93 1.44 0.00	20.92 1.44 0.00	21.63 1.45 0.00	23.90 1.58 0.00	31.34 1.91 0.00	40.54 2.58 0.00	35.19 2.58 0.00	29.19 2.21 0.00	26.93 2.16 0.00	26.93 2.22 0.00	27.36 2.26 0.00	28.71 2.32 0.00	30.53 2.47 0.00	34.84 2.81 -0.10	39.73 3.04 0.00	52.37 4.06 0.00	59.84 4.59 0.00	47.93 3.51 0.00	38.66 2.93 0.00	32.93 2.44 0.00	28.32 2.12 0.00	25.36 1.90 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.98 1.61 0.00	21.84 1.47 0.00	20.87 1.38 0.00	20.88 1.40 0.00	21.61 1.43 0.00	23.88 1.56 0.00	31.40 1.97 0.00	40.66 2.70 0.00	35.10 2.48 0.00	29.06 2.08 0.00	26.75 1.98 0.00	26.68 1.98 0.00	27.10 2.01 0.00	28.44 2.06 0.00	30.30 2.24 0.00	34.70 2.68 -0.09	39.65 2.97 0.00	52.27 3.96 0.00	59.73 4.48 0.00	47.98 3.55 0.00	38.59 2.86 0.00	32.87 2.38 0.00	28.24 2.04 0.00	25.26 1.81 0.00
KIAC_JFK_GT1 23816	24.06 1.70 0.00	21.88 1.51 0.00	20.97 1.48 0.00	20.98 1.50 0.00	21.63 1.45 0.00	23.88 1.56 0.00	31.46 2.03 0.00	40.39 2.43 0.00	35.19 2.58 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.12 2.42 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	34.93 2.91 -0.10	39.69 3.01 0.00	52.41 4.11 0.00	59.90 4.64 0.00	47.93 3.51 0.00	38.73 3.00 0.00	33.11 2.62 0.00	28.45 2.25 0.00	25.40 1.95 0.00
KIAC_JFK_GT2 23817	24.06 1.70 0.00	21.88 1.51 0.00	20.97 1.48 0.00	20.98 1.50 0.00	21.63 1.45 0.00	23.88 1.56 0.00	31.46 2.03 0.00	40.39 2.43 0.00	35.19 2.58 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.12 2.42 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	34.93 2.91 -0.10	39.69 3.01 0.00	52.41 4.11 0.00	59.90 4.64 0.00	47.93 3.51 0.00	38.73 3.00 0.00	33.11 2.62 0.00	28.45 2.25 0.00	25.40 1.95 0.00
KIAC_JFK____ 323774	24.06 1.70 0.00	21.88 1.51 0.00	20.97 1.48 0.00	20.92 1.44 0.00	21.63 1.45 0.00	23.83 1.52 0.00	31.55 2.12 0.00	40.43 2.47 0.00	35.19 2.58 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.12 2.42 0.00	27.58 2.49 0.00	28.97 2.59 0.00	30.81 2.75 0.00	34.93 2.91 -0.10	39.69 3.01 0.00	52.41 4.10 0.00	59.90 4.64 0.00	47.93 3.51 0.00	38.76 3.04 0.00	33.08 2.59 0.00	28.45 2.25 0.00	25.43 1.97 0.00
KINTIGH____ 23543	21.20 -1.16 0.00	19.34 -1.04 0.00	18.48 -1.01 0.00	18.41 -1.07 0.00	19.23 -0.95 0.00	21.13 -1.18 0.00	27.78 -1.65 0.00	35.49 -2.47 0.00	30.43 -2.19 0.00	25.63 -1.35 0.00	23.56 -1.21 0.00	23.44 -1.26 0.00	23.67 -1.43 0.00	25.04 -1.35 0.00	26.54 -1.52 0.00	29.96 -1.98 -0.01	34.11 -2.57 0.00	42.56 -4.15 1.60	49.56 -4.48 1.22	41.19 -3.07 0.16	33.05 -2.68 0.00	28.57 -1.92 0.00	24.62 -1.57 0.00	22.26 -1.20 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.10 -0.27 0.00	20.08 -0.29 0.01	19.11 -0.37 0.01	17.87 -0.41 1.20	-7.26 -0.34 27.09	-7.20 -0.22 29.29	-7.21 -0.29 36.34	-6.94 -0.30 44.60	0.00 -0.55 32.06	26.47 -0.51 0.00	24.47 -0.30 0.00	24.01 -0.69 0.00	0.00 -0.53 24.57	-7.39 -0.55 33.22	-7.40 -0.59 34.87	-7.46 -0.67 38.72	35.86 -0.62 0.20	35.89 -0.77 11.65	-6.41 -1.11 60.57	43.67 -0.76 0.00	35.19 -0.54 0.00	29.88 -0.61 0.00	25.62 -0.58 0.00	23.08 -0.38 0.00
LACHUTE__HYDRO 323717	24.26 1.90 0.00	22.19 1.81 0.00	21.11 1.62 0.00	21.02 1.54 0.00	21.84 1.66 0.00	24.23 1.92 0.00	32.32 2.89 0.00	41.68 3.72 0.00	35.95 3.33 0.00	29.38 2.40 0.00	26.68 1.91 0.00	26.60 1.90 0.00	27.31 2.21 0.00	28.52 2.14 0.00	30.17 2.11 0.00	34.65 2.68 -0.04	40.05 3.37 0.00	53.53 5.22 0.00	61.45 6.19 0.00	49.22 4.80 0.00	39.55 3.82 0.00	33.44 2.96 0.00	28.50 2.31 0.00	25.54 2.09 0.00
LAWRNCV_115KV_TB1 80681	22.07 -0.29 0.00	20.12 -0.24 0.01	19.23 -0.25 0.01	18.23 -0.23 1.01	23.28 -0.18 -3.28	25.77 -0.09 -3.54	33.77 -0.06 -4.40	43.36 0.00 -5.40	36.27 -0.23 -3.88	26.66 -0.32 0.00	24.50 -0.27 0.00	24.38 -0.32 0.00	27.84 -0.23 -2.97	30.17 -0.24 -4.02	32.03 -0.25 -4.22	36.30 -0.32 -4.69	36.60 -0.11 -0.02	49.72 0.00 -1.41	62.31 -0.28 -7.33	43.98 -0.44 0.00	35.44 -0.29 0.00	30.18 -0.30 0.00	25.88 -0.31 0.00	23.24 -0.21 0.00
LEDERLE____ 23769	23.91 1.54 0.00	21.78 1.41 0.00	20.84 1.34 0.00	20.85 1.36 0.00	21.57 1.39 0.00	23.85 1.54 0.00	31.28 1.85 0.00	40.47 2.51 0.00	34.97 2.35 0.00	29.03 2.05 0.00	26.75 1.98 0.00	26.70 2.00 0.00	27.13 2.03 0.00	28.52 2.14 0.00	30.33 2.27 0.00	34.64 2.62 -0.09	39.62 2.93 0.00	52.17 3.86 0.00	59.62 4.37 0.00	47.80 3.38 0.00	38.44 2.72 0.00	32.74 2.26 0.00	28.13 1.94 0.00	25.22 1.76 0.00
LIGHTHSE_115KV_TB6 355974	22.05 -0.31 0.00	20.09 -0.29 0.00	19.20 -0.29 0.00	19.12 -0.27 0.09	19.90 -0.28 0.00	22.02 -0.29 0.00	29.11 -0.32 0.00	37.51 -0.46 0.00	32.13 -0.49 0.00	26.52 -0.46 0.00	24.25 -0.52 0.00	24.18 -0.52 0.00	24.47 -0.63 0.00	25.78 -0.61 0.00	27.41 -0.65 0.00	31.20 -0.73 0.00	35.87 -0.81 0.00	47.93 -0.97 -0.59	54.77 -0.94 -0.45	43.82 -0.67 -0.06	35.26 -0.46 0.00	30.15 -0.34 0.00	25.83 -0.37 0.00	23.06 -0.40 0.00
LINDEN COGEN____ 23786	24.04 1.68 0.00	21.88 1.51 0.00	20.95 1.46 0.00	20.90 1.42 0.00	21.63 1.45 0.00	23.83 1.52 0.00	31.46 2.03 0.00	39.32 2.54 1.18	35.26 2.64 0.00	29.30 2.32 0.00	27.05 2.28 0.00	27.05 2.35 0.00	27.51 2.41 0.00	28.87 2.48 0.00	30.70 2.64 0.00	35.00 2.97 -0.10	39.72 3.04 0.00	52.41 4.10 0.00	59.84 4.58 0.00	47.89 3.47 0.00	38.76 3.04 0.00	32.99 2.50 0.00	28.37 2.17 0.00	25.40 1.95 0.00
LINDHRST_69_KV_BK1 356055	24.62 2.26 0.00	22.31 1.94 0.00	21.28 1.79 0.00	21.27 1.79 0.00	22.06 1.88 0.00	24.55 2.23 0.00	31.31 1.88 0.00	34.24 2.35 6.07	32.95 2.41 2.08	29.41 2.43 0.00	27.27 2.50 0.00	27.37 2.67 0.00	27.71 2.61 0.00	28.92 2.53 0.00	29.85 2.39 0.59	33.50 2.71 1.14	38.55 2.90 1.03	52.22 3.91 0.00	57.36 4.42 2.31	47.53 3.38 0.27	38.66 2.93 0.00	33.02 2.53 0.00	28.68 2.49 0.00	26.06 2.60 0.00
LIPA_MISC_IPP 23656	24.67 2.30 0.00	22.33 1.96 0.00	21.30 1.81 0.00	21.29 1.81 0.00	22.08 1.90 0.00	24.59 2.28 0.00	31.14 1.71 0.00	33.02 2.05 6.99	32.38 2.15 2.39	29.22 2.24 0.00	27.10 2.33 0.00	27.20 2.49 0.00	27.56 2.46 0.00	28.73 2.35 0.00	29.45 2.08 0.68	33.03 2.43 1.33	38.10 2.60 1.18	51.83 3.53 0.00	56.57 3.98 2.66	47.00 2.89 0.31	38.34 2.61 0.00	32.74 2.26 0.00	28.53 2.33 0.00	26.04 2.58 0.00
LISF__SOLAR 323691	24.69 2.33 0.00	22.37 2.00 0.00	21.34 1.85 0.00	21.29 1.81 0.00	22.12 1.94 0.00	24.55 2.23 0.00	31.42 2.00 0.01	33.10 2.12 6.99	32.41 2.19 2.39	29.22 2.24 0.00	27.12 2.35 0.00	27.22 2.52 0.00	27.56 2.46 0.00	28.71 2.32 0.00	29.48 2.11 0.69	33.06 2.46 1.33	38.13 2.64 1.19	51.92 3.62 0.01	56.68 4.09 2.67	47.08 2.98 0.32	38.43 2.71 0.01	32.78 2.29 0.00	28.55 2.36 0.00	26.09 2.63 -0.01



LITTLE FALLS___HYD 24013	22.50 0.13 0.00	20.50 0.12 0.00	19.59 0.10 0.00	19.66 0.12 -0.06	20.28 0.10 0.00	22.45 0.13 0.00	29.64 0.21 0.00	38.11 0.15 0.00	32.75 0.13 0.00	27.06 0.08 0.00	24.84 0.07 0.00	24.83 0.12 0.00	25.15 0.05 0.00	26.39 0.00 0.00	28.00 -0.06 0.00	31.83 -0.10 0.00	36.64 -0.04 0.00	48.21 -0.10 0.00	54.98 -0.28 0.00	44.11 -0.31 0.00	35.44 -0.29 0.00	30.34 -0.15 0.00	26.04 -0.16 0.00	23.27 -0.19 0.00
LITTLRIV_115KV_TB1 356100	22.25 -0.11 0.00	20.29 -0.08 0.01	19.39 -0.10 0.01	18.41 -0.08 0.99	23.79 0.00 -3.61	26.38 0.16 -3.90	34.57 0.29 -4.84	44.40 0.49 -5.95	36.99 0.10 -4.27	26.90 -0.08 0.00	24.67 -0.10 0.00	24.58 -0.12 0.00	28.30 -0.08 -3.28	30.73 -0.08 -4.43	32.62 -0.08 -4.65	36.96 -0.13 -5.16	36.89 0.18 -0.03	50.25 0.39 -1.55	63.50 0.17 -8.07	44.42 0.00 0.00	35.80 0.07 0.00	30.49 0.00 0.00	26.12 -0.08 0.00	23.46 0.00 0.00
LI_NEWBRDGE___DRP 323616	24.22 1.86 0.00	21.96 1.59 0.00	20.99 1.50 0.00	20.98 1.50 0.00	21.73 1.55 0.00	24.10 1.79 0.00	31.05 1.62 0.00	32.44 2.09 7.61	32.20 2.19 2.60	29.14 2.16 0.00	26.98 2.20 0.00	27.02 2.32 0.00	27.41 2.31 0.00	28.63 2.24 0.00	29.51 2.19 0.74	32.94 2.46 1.45	38.00 2.60 1.29	51.88 3.57 0.00	56.34 3.98 2.90	47.11 3.02 0.34	38.30 2.57 0.00	32.71 2.23 0.00	28.32 2.12 0.00	25.59 2.13 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.11 -1.25 0.00	19.23 -1.14 0.00	18.38 -1.11 0.00	18.31 -1.17 0.00	19.17 -1.01 0.00	21.04 -1.27 0.00	27.66 -1.77 0.00	35.27 -2.70 0.00	30.20 -2.41 0.00	25.52 -1.46 0.00	23.51 -1.26 0.00	23.34 -1.36 0.00	23.54 -1.56 0.00	24.99 -1.40 0.00	26.49 -1.57 0.00	29.58 -2.36 -0.02	33.86 -2.82 0.00	41.65 -5.17 1.49	48.54 -5.58 1.14	40.58 -3.69 0.15	32.69 -3.04 0.00	28.35 -2.13 0.00	24.47 -1.73 0.00	22.21 -1.24 0.00
LOCKPORT___CC1 323769	21.11 -1.25 0.00	19.31 -1.06 0.00	18.40 -1.09 0.00	18.47 -1.01 0.00	19.17 -1.01 0.00	21.18 -1.14 0.00	27.81 -1.62 0.00	35.38 -2.58 0.00	30.20 -2.41 0.00	25.52 -1.46 0.00	23.51 -1.26 0.00	23.34 -1.36 0.00	23.54 -1.56 0.00	25.01 -1.37 0.00	26.49 -1.57 0.00	29.58 -2.36 -0.02	33.86 -2.82 0.00	41.66 -5.17 1.48	48.54 -5.58 1.14	40.59 -3.69 0.15	32.69 -3.04 0.00	28.45 -2.04 0.00	24.49 -1.70 0.00	22.31 -1.15 0.00
LOCKPORT___CC2 323770	21.11 -1.25 0.00	19.31 -1.06 0.00	18.40 -1.09 0.00	18.47 -1.01 0.00	19.17 -1.01 0.00	21.18 -1.14 0.00	27.81 -1.62 0.00	35.38 -2.58 0.00	30.20 -2.41 0.00	25.52 -1.46 0.00	23.51 -1.26 0.00	23.34 -1.36 0.00	23.54 -1.56 0.00	25.01 -1.37 0.00	26.49 -1.57 0.00	29.58 -2.36 -0.02	33.86 -2.82 0.00	41.66 -5.17 1.48	48.54 -5.58 1.14	40.59 -3.69 0.15	32.69 -3.04 0.00	28.45 -2.04 0.00	24.49 -1.70 0.00	22.31 -1.15 0.00
LOCKPORT___CC3 323771	21.11 -1.25 0.00	19.31 -1.06 0.00	18.40 -1.09 0.00	18.47 -1.01 0.00	19.17 -1.01 0.00	21.18 -1.14 0.00	27.81 -1.62 0.00	35.38 -2.58 0.00	30.20 -2.41 0.00	25.52 -1.46 0.00	23.51 -1.26 0.00	23.34 -1.36 0.00	23.54 -1.56 0.00	25.01 -1.37 0.00	26.49 -1.57 0.00	29.58 -2.36 -0.02	33.86 -2.82 0.00	41.66 -5.17 1.48	48.54 -5.58 1.14	40.59 -3.69 0.15	32.69 -3.04 0.00	28.45 -2.04 0.00	24.49 -1.70 0.00	22.31 -1.15 0.00
LONG_LAKE_PHOENIX 24014	21.92 -0.45 0.00	19.95 -0.43 0.00	19.08 -0.41 0.00	19.07 -0.41 0.00	19.76 -0.42 0.00	21.85 -0.47 0.00	28.87 -0.56 0.00	37.16 -0.80 0.00	31.87 -0.75 0.00	26.39 -0.59 0.00	24.18 -0.59 0.00	24.11 -0.59 0.00	24.47 -0.63 0.00	25.75 -0.63 0.00	27.36 -0.70 0.00	31.14 -0.80 0.00	35.73 -0.95 0.00	48.21 -1.26 -1.16	54.82 -1.33 -0.89	43.61 -0.93 -0.12	34.98 -0.75 0.00	29.85 -0.64 0.00	25.65 -0.55 0.00	22.89 -0.56 0.00
LOVETT___3 23632	23.82 1.45 0.00	21.70 1.32 0.00	20.76 1.27 0.00	20.77 1.29 0.00	21.49 1.31 0.00	23.74 1.43 0.00	31.14 1.71 0.00	40.28 2.32 0.00	34.80 2.19 0.00	28.90 1.92 0.00	26.63 1.86 0.00	26.58 1.88 0.00	27.03 1.93 0.00	28.39 2.01 0.00	30.22 2.16 0.00	34.48 2.46 -0.09	39.40 2.71 0.00	51.88 3.57 0.00	59.29 4.03 0.00	47.53 3.11 0.00	38.23 2.50 0.00	32.59 2.10 0.00	28.03 1.83 0.00	25.10 1.64 0.00
LOVETT___4 23642	23.82 1.45 0.00	21.70 1.32 0.00	20.76 1.27 0.00	20.77 1.29 0.00	21.49 1.31 0.00	23.74 1.43 0.00	31.14 1.71 0.00	40.28 2.32 0.00	34.80 2.19 0.00	28.90 1.92 0.00	26.63 1.86 0.00	26.58 1.88 0.00	27.03 1.93 0.00	28.39 2.01 0.00	30.22 2.16 0.00	34.48 2.46 -0.09	39.40 2.71 0.00	51.88 3.57 0.00	59.29 4.03 0.00	47.53 3.11 0.00	38.23 2.50 0.00	32.59 2.10 0.00	28.03 1.83 0.00	25.10 1.64 0.00
LOVETT___5 23593	23.82 1.45 0.00	21.70 1.32 0.00	20.76 1.27 0.00	20.77 1.29 0.00	21.49 1.31 0.00	23.74 1.43 0.00	31.14 1.71 0.00	40.28 2.32 0.00	34.80 2.19 0.00	28.90 1.92 0.00	26.63 1.86 0.00	26.58 1.88 0.00	27.03 1.93 0.00	28.39 2.01 0.00	30.22 2.16 0.00	34.48 2.46 -0.09	39.40 2.71 0.00	51.88 3.57 0.00	59.29 4.03 0.00	47.53 3.11 0.00	38.23 2.50 0.00	32.59 2.10 0.00	28.03 1.83 0.00	25.10 1.64 0.00
LOWER RAQUET___HYD 24057	22.10 -0.27 0.00	20.13 -0.24 0.01	19.23 -0.25 0.01	18.28 -0.23 0.97	23.92 -0.18 -3.93	26.49 -0.07 -4.24	34.67 -0.03 -5.27	44.46 0.04 -6.46	37.04 -0.23 -4.65	26.66 -0.32 0.00	24.50 -0.27 0.00	24.38 -0.32 0.00	28.41 -0.25 -3.56	30.93 -0.26 -4.81	32.83 -0.28 -5.05	37.22 -0.32 -5.61	36.64 -0.07 -0.03	49.99 0.00 -1.69	63.76 -0.27 -8.77	51.32 -0.40 -7.29	35.37 -0.36 0.00	30.18 -0.30 0.00	25.88 -0.31 0.00	23.24 -0.21 0.00
LOWER___HUDSON 24059	23.46 1.10 0.00	21.37 1.00 0.00	20.45 0.95 0.00	20.42 0.94 0.00	21.15 0.97 0.00	23.39 1.07 0.00	30.90 1.47 0.00	40.05 2.09 0.00	34.54 1.92 0.00	28.41 1.43 0.00	26.03 1.26 0.00	26.01 1.31 0.00	26.45 1.35 0.00	27.73 1.34 0.00	29.49 1.43 0.00	33.73 1.75 -0.05	38.84 2.16 0.00	51.30 3.00 0.00	58.69 3.43 0.00	47.00 2.58 0.00	37.91 2.18 0.00	32.19 1.71 0.00	27.66 1.47 0.00	24.70 1.24 0.00
LOWVILLE_115KV_TB2 356335	22.41 0.04 0.00	20.39 0.02 0.00	19.49 0.00 0.00	19.26 0.02 0.24	21.34 0.04 -1.12	23.68 0.16 -1.21	31.34 0.41 -1.50	40.45 0.65 -1.84	34.27 0.33 -1.32	27.03 0.05 0.00	24.67 -0.10 0.00	24.58 -0.12 0.00	25.84 -0.28 -1.01	27.52 -0.24 -1.37	29.30 -0.20 -1.44	33.24 -0.29 -1.60	37.06 0.37 -0.01	49.46 0.68 -0.48	58.53 0.77 -2.50	44.69 0.27 0.00	35.98 0.25 0.00	30.79 0.30 0.00	26.33 0.13 0.00	23.48 0.02 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.62 1.25 0.00	21.54 1.16 0.00	20.56 1.07 0.00	20.53 1.05 0.00	21.27 1.09 0.00	23.54 1.23 0.00	31.14 1.71 0.00	40.28 2.32 0.00	34.74 2.12 0.00	28.54 1.56 0.00	26.08 1.31 0.00	26.04 1.33 0.00	26.55 1.46 0.00	27.81 1.42 0.00	29.55 1.49 0.00	33.82 1.85 -0.04	38.96 2.27 0.00	51.64 3.33 0.00	59.13 3.87 0.00	47.40 2.98 0.00	38.16 2.43 0.00	32.41 1.92 0.00	27.79 1.60 0.00	25.05 1.60 0.00



LUTHERNY_35_KV_BK2 355980	23.62 1.25 0.00	21.56 1.18 0.00	20.56 1.07 0.00	20.53 1.05 0.00	21.27 1.09 0.00	23.54 1.23 0.00	31.14 1.71 0.00	40.31 2.35 0.00	34.74 2.12 0.00	28.54 1.56 0.00	26.11 1.34 0.00	26.04 1.33 0.00	26.58 1.48 0.00	27.84 1.45 0.00	29.55 1.49 0.00	33.82 1.85 -0.04	38.99 2.31 0.00	51.64 3.33 0.00	59.13 3.87 0.00	47.44 3.02 0.00	38.16 2.43 0.00	32.44 1.95 0.00	27.79 1.60 0.00	25.07 1.62 0.00
LWR__OSWEGATCHIE_HYD 23850	22.21 -0.16 0.00	20.21 -0.16 0.00	19.33 -0.16 0.00	18.68 -0.16 0.64	22.74 -0.10 -2.66	25.19 0.00 -2.88	33.12 0.12 -3.57	42.61 0.27 -4.38	35.77 0.00 -3.15	26.76 -0.22 0.00	24.50 -0.27 0.00	24.41 -0.30 0.00	27.16 -0.35 -2.42	29.31 -0.34 -3.27	31.15 -0.34 -3.43	35.32 -0.42 -3.81	36.66 -0.04 -0.02	49.60 0.14 -1.14	61.21 0.00 -5.95	44.25 -0.18 0.00	35.62 -0.11 0.00	30.46 -0.03 0.00	26.04 -0.16 0.00	23.32 -0.14 0.00
LYONS_FALL_HYD 23570	22.59 0.22 0.00	20.56 0.18 0.00	19.65 0.16 0.00	19.52 0.17 0.14	21.12 0.20 -0.74	23.43 0.31 -0.80	30.98 0.56 -0.99	40.01 0.83 -1.22	34.05 0.55 -0.88	27.28 0.30 0.00	24.92 0.15 0.00	24.83 0.12 0.00	25.74 -0.03 -0.67	27.32 0.03 -0.91	29.10 0.08 -0.95	33.02 0.03 -1.06	37.20 0.51 -0.01	49.45 0.82 -0.32	57.79 0.88 -1.65	46.33 0.54 -1.38	36.19 0.46 0.00	30.97 0.49 0.00	26.51 0.32 0.00	23.67 0.21 0.00
MADISON__COUNTY_LFGE 323628	22.81 0.45 0.00	20.76 0.39 0.00	19.84 0.35 0.00	19.83 0.35 0.00	20.56 0.38 0.00	22.81 0.49 0.00	30.22 0.79 0.00	39.25 1.29 0.00	33.56 0.95 0.00	27.68 0.70 0.00	25.29 0.52 0.00	25.20 0.49 0.00	25.45 0.35 0.00	26.83 0.45 0.00	28.56 0.51 0.00	32.32 0.38 0.00	37.27 0.59 0.00	48.85 0.82 0.28	56.04 0.99 0.22	45.33 0.93 0.03	36.48 0.75 0.00	31.19 0.70 0.00	26.72 0.52 0.00	23.88 0.42 0.00
MALONE__115KV_TB1 356076	21.87 -0.49 0.00	19.90 -0.47 0.01	18.96 -0.53 0.01	17.80 -0.55 1.13	36.69 -0.50 -17.01	40.26 -0.45 -18.39	51.72 -0.53 -22.82	65.36 -0.61 -28.01	52.00 -0.75 -20.14	26.31 -0.67 0.00	24.28 -0.50 0.00	24.06 -0.64 0.00	40.00 -0.53 -15.43	46.67 -0.58 -20.86	49.34 -0.62 -21.90	55.55 -0.70 -24.32	36.26 -0.55 -0.13	54.99 -0.63 -7.31	92.19 -1.11 -38.04	43.36 -1.07 0.00	34.94 -0.79 0.00	29.70 -0.79 0.00	25.46 -0.73 0.00	22.94 -0.52 0.00
MAPLEWOD_115KV_TB3 80458	23.39 1.03 0.00	21.33 0.96 0.00	20.43 0.94 0.00	20.40 0.92 0.00	21.09 0.91 0.00	23.32 1.00 0.00	30.78 1.35 0.00	39.93 1.97 0.00	34.44 1.83 0.00	28.36 1.38 0.00	25.98 1.21 0.00	25.94 1.24 0.00	26.40 1.31 0.00	27.68 1.29 0.00	29.46 1.40 0.00	33.72 1.72 -0.06	38.77 2.09 0.00	51.25 2.95 0.00	58.63 3.37 0.00	46.96 2.53 0.00	37.84 2.11 0.00	32.13 1.65 0.00	27.58 1.39 0.00	24.65 1.20 0.00
MAPLE_RIDGE_WT_1 323574	21.31 -1.05 0.00	0.00 -0.96 19.42	0.00 -0.92 18.57	0.00 -0.93 18.55	0.00 -0.93 19.25	0.00 -0.98 21.33	0.00 -1.29 28.14	0.00 -1.63 36.33	31.22 -1.40 0.00	25.82 -1.16 0.00	23.78 -0.99 0.00	23.74 -0.96 0.00	24.17 -0.93 0.00	25.38 -1.00 0.00	27.02 -1.04 0.00	30.84 -1.09 0.00	35.54 -1.14 0.00	46.86 -1.45 0.00	53.44 -1.82 0.00	42.78 -1.64 0.00	34.44 -1.28 0.00	29.42 -1.07 0.00	25.38 -0.81 0.00	22.82 -0.63 0.00
MAPLE_RIDGE_WT_2 323611	21.31 -1.05 0.00	0.00 -0.96 19.42	0.00 -0.92 18.57	0.00 -0.93 18.55	0.00 -0.93 19.25	0.00 -0.98 21.33	0.00 -1.29 28.14	0.00 -1.63 36.33	31.22 -1.40 0.00	25.82 -1.16 0.00	23.78 -0.99 0.00	23.74 -0.96 0.00	24.17 -0.93 0.00	25.38 -1.00 0.00	27.02 -1.04 0.00	30.84 -1.09 0.00	35.54 -1.14 0.00	46.86 -1.45 0.00	53.44 -1.82 0.00	42.78 -1.64 0.00	34.44 -1.28 0.00	29.42 -1.07 0.00	25.38 -0.81 0.00	22.82 -0.63 0.00
MARBLE_RIVER_WT_PWR 323696	21.74 -0.63 0.00	19.74 -0.63 0.01	18.78 -0.70 0.01	17.51 -0.76 1.21	-7.00 -0.73 26.45	-7.00 -0.71 28.60	-7.00 -0.94 35.49	-6.77 -1.18 43.55	0.14 -1.17 31.31	26.01 -0.97 0.00	24.05 -0.72 0.00	23.71 -0.99 0.00	0.23 -0.88 23.99	-7.00 -0.95 32.44	-7.00 -1.01 34.05	-7.00 -1.12 37.81	35.31 -1.18 0.20	35.49 -1.45 11.37	-5.76 -1.88 59.14	-6.34 -1.60 49.17	34.48 -1.25 0.00	29.39 -1.10 0.00	25.23 -0.97 0.00	22.70 -0.75 0.00
MARSHVLE_115KV_TB1 80742	24.18 1.81 0.00	22.05 1.67 0.00	21.01 1.52 0.00	20.98 1.50 0.00	21.79 1.61 0.00	24.14 1.83 0.00	32.02 2.59 0.00	41.23 3.26 0.00	35.03 2.41 0.00	28.57 1.59 0.00	25.86 1.09 0.00	25.74 1.04 0.00	26.28 1.18 0.00	27.57 1.19 0.00	29.60 1.54 0.00	34.07 2.11 -0.03	39.91 3.23 0.00	52.95 4.64 0.00	60.78 5.53 0.00	48.91 4.49 0.00	39.26 3.54 0.00	33.35 2.87 0.00	28.47 2.28 0.00	25.47 2.02 0.00
MARSH_HILL_WT_PWR 323713	22.19 -0.18 0.00	20.27 -0.10 0.00	19.30 -0.19 0.00	19.35 -0.14 0.00	20.14 -0.04 0.00	22.20 -0.11 0.00	29.28 -0.15 0.00	37.51 -0.45 0.00	32.68 0.07 0.00	27.60 0.62 0.00	25.44 0.67 0.00	25.29 0.59 0.00	25.42 0.33 0.00	26.97 0.58 0.00	27.83 -0.23 0.00	31.03 -0.93 -0.02	35.54 -1.14 0.00	44.27 -3.00 1.05	51.64 -2.82 0.80	42.76 -1.56 0.11	34.51 -1.21 0.00	29.88 -0.61 0.00	25.70 -0.50 0.00	23.18 -0.28 0.00
MCINTYRE_115KV_TB2 80467	22.34 -0.02 0.00	20.35 -0.02 0.01	19.46 -0.02 0.01	18.46 0.00 1.02	23.37 0.08 -3.11	25.92 0.25 -3.36	34.04 0.44 -4.17	43.72 0.65 -5.12	36.52 0.23 -3.68	26.95 -0.03 0.00	24.75 -0.02 0.00	24.63 -0.07 0.00	27.89 -0.03 -2.82	30.20 0.00 -3.81	32.06 0.00 -4.00	36.34 -0.03 -4.44	37.00 0.29 -0.02	50.22 0.58 -1.34	62.59 0.39 -6.95	44.65 0.22 0.00	35.94 0.21 0.00	30.61 0.12 0.00	26.22 0.03 0.00	23.55 0.09 0.00
MECO____69_KV_BK1 80468	24.29 1.92 0.00	22.17 1.79 0.00	21.13 1.64 0.00	21.08 1.60 0.00	21.90 1.72 0.00	24.30 1.99 0.00	32.23 2.80 0.00	41.49 3.53 0.00	35.49 2.87 0.00	28.98 2.00 0.00	26.23 1.46 0.00	26.14 1.43 0.00	26.73 1.63 0.00	28.02 1.64 0.00	30.00 1.94 0.00	34.55 2.59 -0.03	40.24 3.56 0.00	53.48 5.17 0.00	61.39 6.13 0.00	49.31 4.89 0.00	39.62 3.89 0.00	33.54 3.05 0.00	28.63 2.44 0.00	25.64 2.18 0.00
MENANDS__115KV_TB5 355628	23.28 0.92 0.00	21.25 0.88 0.00	20.35 0.86 0.00	20.34 0.86 0.00	21.01 0.83 0.00	23.23 0.91 0.00	30.67 1.24 0.00	39.75 1.78 0.00	34.31 1.70 0.00	28.25 1.27 0.00	25.91 1.14 0.00	25.86 1.16 0.00	26.33 1.23 0.00	27.57 1.19 0.00	29.38 1.32 0.00	33.59 1.60 -0.07	38.63 1.94 0.00	51.01 2.71 0.00	58.30 3.04 0.00	46.73 2.31 0.00	37.66 1.93 0.00	31.98 1.49 0.00	27.48 1.28 0.00	24.54 1.08 0.00
MG INDUSTRY__DRP 24185	23.26 0.89 0.00	21.23 0.86 0.00	20.33 0.84 0.00	20.30 0.82 0.00	20.97 0.79 0.00	23.19 0.87 0.00	30.61 1.18 0.00	39.59 1.63 0.00	34.12 1.50 0.00	28.03 1.05 0.00	25.66 0.89 0.00	25.57 0.86 0.00	26.03 0.93 0.00	27.28 0.90 0.00	29.07 1.01 0.00	33.36 1.34 -0.09	38.37 1.69 0.00	50.77 2.46 0.00	58.08 2.82 0.00	46.60 2.18 0.00	37.55 1.82 0.00	31.92 1.43 0.00	27.40 1.20 0.00	24.49 1.03 0.00



MID___OSWEGATCHIE_HYD 23849	22.21 -0.16 0.00	20.21 -0.16 0.00	19.33 -0.16 0.00	18.68 -0.16 0.64	22.74 -0.10 -2.66	25.19 0.00 -2.88	33.12 0.12 -3.57	42.61 0.27 -4.38	35.77 0.00 -3.15	26.76 -0.22 0.00	24.50 -0.27 0.00	24.41 -0.30 0.00	27.16 -0.35 -2.42	29.31 -0.34 -3.27	31.15 -0.34 -3.43	35.32 -0.42 -3.81	36.66 -0.04 -0.02	49.60 0.14 -1.14	61.21 0.00 -5.95	44.25 -0.18 0.00	35.62 -0.11 0.00	30.46 -0.03 0.00	26.04 -0.16 0.00	23.32 -0.14 0.00
MID___RAQUETTE_HYD 23851	22.10 -0.27 0.00	20.12 -0.24 0.01	19.23 -0.25 0.01	18.28 -0.23 0.97	23.92 -0.18 -3.93	26.49 -0.07 -4.24	34.67 -0.03 -5.27	44.46 0.04 -6.46	37.03 -0.23 -4.65	26.66 -0.32 0.00	24.50 -0.27 0.00	24.38 -0.32 0.00	28.41 -0.25 -3.56	30.93 -0.26 -4.81	32.83 -0.28 -5.05	37.22 -0.32 -5.61	36.64 -0.07 -0.03	49.99 0.00 -1.69	63.76 -0.28 -8.77	44.02 -0.40 0.00	35.44 -0.29 0.00	30.18 -0.30 0.00	25.88 -0.31 0.00	23.24 -0.21 0.00
MILLIKEN___1 23584	22.39 0.02 0.00	20.35 -0.02 0.00	19.45 -0.04 0.00	19.44 -0.04 0.00	20.16 -0.02 0.00	22.31 0.00 0.00	29.64 0.21 0.00	38.19 0.23 0.00	32.62 0.00 0.00	26.95 -0.03 0.00	24.60 -0.17 0.00	24.50 -0.20 0.00	24.80 -0.30 0.00	26.15 -0.24 0.00	27.81 -0.25 0.00	31.69 -0.26 -0.02	36.50 -0.18 0.00	47.81 -0.14 0.35	55.04 0.06 0.27	44.61 0.22 0.04	35.91 0.18 0.00	30.64 0.15 0.00	26.27 0.08 0.00	23.41 -0.05 0.00
MILLIKEN___2 23585	22.39 0.02 0.00	20.35 -0.02 0.00	19.45 -0.04 0.00	19.44 -0.04 0.00	20.16 -0.02 0.00	22.31 0.00 0.00	29.64 0.21 0.00	38.19 0.23 0.00	32.62 0.00 0.00	26.95 -0.03 0.00	24.60 -0.17 0.00	24.50 -0.20 0.00	24.80 -0.30 0.00	26.15 -0.24 0.00	27.81 -0.25 0.00	31.69 -0.26 -0.02	36.50 -0.18 0.00	47.81 -0.14 0.35	55.04 0.06 0.27	44.61 0.22 0.04	35.91 0.18 0.00	30.64 0.15 0.00	26.27 0.08 0.00	23.41 -0.05 0.00
MILLIKEN___DIESEL 23629	22.39 0.02 0.00	20.35 -0.02 0.00	19.45 -0.04 0.00	19.44 -0.04 0.00	20.16 -0.02 0.00	22.31 0.00 0.00	29.64 0.21 0.00	38.19 0.23 0.00	32.62 0.00 0.00	26.95 -0.03 0.00	24.60 -0.17 0.00	24.50 -0.20 0.00	24.80 -0.30 0.00	26.15 -0.24 0.00	27.81 -0.25 0.00	31.69 -0.26 -0.02	36.50 -0.18 0.00	47.81 -0.14 0.35	55.04 0.06 0.27	44.61 0.22 0.04	35.91 0.18 0.00	30.64 0.15 0.00	26.27 0.08 0.00	23.41 -0.05 0.00
MILLSEAT___LFGE 323607	21.43 -0.94 0.00	19.58 -0.79 0.00	18.65 -0.84 0.00	18.72 -0.76 0.00	19.43 -0.75 0.00	21.49 -0.83 0.00	28.31 -1.12 0.00	36.22 -1.75 0.00	30.86 -1.76 0.00	25.98 -1.00 0.00	23.88 -0.89 0.00	23.74 -0.96 0.00	23.94 -1.15 0.00	25.44 -0.95 0.00	26.91 -1.15 0.00	30.16 -1.79 -0.02	34.52 -2.16 0.00	42.70 -4.11 1.50	49.79 -4.31 1.15	41.61 -2.66 0.15	33.44 -2.29 0.00	29.03 -1.46 0.00	24.91 -1.28 0.00	22.61 -0.84 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.00 1.63 0.00	21.84 1.47 0.00	20.89 1.40 0.00	20.90 1.42 0.00	21.59 1.41 0.00	23.88 1.56 0.00	31.31 1.88 0.00	40.50 2.54 0.00	35.13 2.51 0.00	29.14 2.16 0.00	26.88 2.11 0.00	26.85 2.15 0.00	27.31 2.21 0.00	28.66 2.27 0.00	30.47 2.41 0.00	34.77 2.75 -0.10	39.69 3.01 0.00	52.27 3.96 0.00	59.73 4.48 0.00	47.84 3.42 0.00	38.59 2.86 0.00	32.90 2.41 0.00	28.26 2.07 0.00	25.31 1.85 0.00
MILLWOOD_13_KV_LOAD 356217	24.06 1.70 0.00	21.88 1.51 0.00	20.93 1.44 0.00	20.94 1.46 0.00	21.65 1.47 0.00	23.92 1.61 0.00	31.37 1.94 0.00	40.62 2.66 0.00	35.23 2.61 0.00	29.22 2.24 0.00	26.93 2.16 0.00	26.95 2.25 0.00	27.36 2.26 0.00	28.73 2.35 0.00	30.56 2.50 0.00	34.87 2.84 -0.10	39.80 3.12 0.00	52.46 4.15 0.00	59.96 4.70 0.00	48.02 3.60 0.00	38.69 2.97 0.00	32.99 2.50 0.00	28.34 2.15 0.00	25.38 1.92 0.00
MODEL_CITY_ENERGY 24167	20.87 -1.50 0.00	19.09 -1.28 0.00	18.19 -1.31 0.00	18.27 -1.21 0.00	18.95 -1.23 0.00	20.91 -1.41 0.00	27.46 -1.97 0.00	34.89 -3.07 0.00	29.81 -2.81 0.00	25.20 -1.78 0.00	23.21 -1.56 0.00	23.07 -1.63 0.00	23.24 -1.86 0.00	24.70 -1.69 0.00	26.15 -1.91 0.00	29.23 -2.71 -0.02	33.45 -3.23 0.00	41.08 -5.75 1.48	47.88 -6.24 1.13	40.05 -4.22 0.15	32.26 -3.46 0.00	28.11 -2.38 0.00	24.18 -2.02 0.00	22.02 -1.43 0.00
MODERN_LFGE___ 323580	20.87 -1.50 0.00	19.09 -1.28 0.00	18.19 -1.31 0.00	18.27 -1.21 0.00	18.95 -1.23 0.00	20.91 -1.41 0.00	27.46 -1.97 0.00	34.89 -3.07 0.00	29.81 -2.81 0.00	25.20 -1.78 0.00	23.21 -1.56 0.00	23.07 -1.63 0.00	23.24 -1.86 0.00	24.70 -1.69 0.00	26.15 -1.91 0.00	29.23 -2.71 -0.02	33.45 -3.23 0.00	41.08 -5.75 1.48	47.88 -6.24 1.13	40.05 -4.22 0.15	32.26 -3.46 0.00	28.11 -2.38 0.00	24.18 -2.02 0.00	22.02 -1.43 0.00
MOHAWK_PAPER___DRP 24187	23.39 1.03 0.00	21.33 0.96 0.00	20.43 0.94 0.00	20.40 0.92 0.00	21.09 0.91 0.00	23.32 1.00 0.00	30.78 1.35 0.00	39.93 1.97 0.00	34.44 1.83 0.00	28.36 1.38 0.00	25.98 1.21 0.00	25.94 1.24 0.00	26.40 1.31 0.00	27.68 1.29 0.00	29.46 1.40 0.00	33.72 1.72 -0.06	38.77 2.09 0.00	51.25 2.95 0.00	58.63 3.37 0.00	46.96 2.53 0.00	37.84 2.11 0.00	32.13 1.65 0.00	27.58 1.39 0.00	24.65 1.20 0.00
MOHICAN___35_KV_115KV_LD 80490	23.60 1.23 0.00	21.54 1.16 0.00	20.52 1.03 0.00	20.49 1.01 0.00	21.23 1.05 0.00	23.54 1.23 0.00	31.20 1.77 0.00	40.35 2.39 0.00	34.80 2.19 0.00	28.54 1.56 0.00	26.03 1.26 0.00	25.96 1.26 0.00	26.55 1.46 0.00	27.78 1.40 0.00	29.38 1.32 0.00	33.66 1.69 -0.04	38.81 2.13 0.00	51.59 3.28 0.00	59.13 3.87 0.00	47.40 2.98 0.00	38.09 2.36 0.00	32.41 1.92 0.00	27.74 1.55 0.00	25.33 1.88 0.00
MONGAUP___HYD 23641	23.77 1.41 0.00	21.66 1.28 0.00	20.72 1.23 0.00	20.69 1.21 0.00	21.43 1.25 0.00	23.68 1.36 0.00	31.26 1.83 0.00	40.39 2.43 0.00	34.77 2.15 0.00	28.73 1.75 0.00	26.40 1.63 0.00	26.31 1.60 0.00	26.75 1.66 0.00	28.08 1.69 0.00	29.94 1.88 0.00	34.25 2.23 -0.09	39.25 2.57 0.00	51.79 3.48 0.00	59.24 3.98 0.00	47.58 3.15 0.00	38.30 2.57 0.00	32.59 2.10 0.00	27.98 1.78 0.00	25.07 1.62 0.00
MONTAUK___DIESEL 23721	25.34 2.97 0.00	22.94 2.57 0.00	21.87 2.38 0.00	21.86 2.38 0.00	22.68 2.50 0.00	25.26 2.95 0.00	32.02 2.59 0.00	34.20 3.23 6.99	33.43 3.20 2.39	30.00 3.02 0.00	27.82 3.05 0.00	27.99 3.29 0.00	28.31 3.21 0.00	29.58 3.19 0.00	30.35 2.97 0.68	34.15 3.54 1.32	39.50 4.00 1.18	53.77 5.46 0.00	58.79 6.19 2.66	48.78 4.66 0.31	39.66 3.93 0.00	33.84 3.35 0.00	29.31 3.12 0.00	26.74 3.28 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.31 -1.05 0.00	19.42 -0.96 0.00	18.57 -0.92 0.00	18.53 -0.95 0.00	19.37 -0.81 0.00	21.31 -1.00 0.00	28.11 -1.32 0.00	35.87 -2.09 0.00	30.76 -1.86 0.00	26.01 -0.97 0.00	24.03 -0.74 0.00	23.86 -0.84 0.00	24.07 -1.03 0.00	25.67 -0.71 0.00	27.11 -0.95 0.00	29.91 -2.04 -0.02	34.52 -2.16 0.00	42.10 -4.88 1.33	49.38 -4.86 1.02	41.44 -2.84 0.14	33.51 -2.22 0.00	29.02 -1.46 0.00	25.15 -1.05 0.00	22.89 -0.56 0.00



MORRIS_RIDGE___SOLAR 323848	21.81 -0.56 0.00	19.93 -0.45 0.00	19.00 -0.49 0.00	19.07 -0.41 0.00	19.82 -0.36 0.00	21.89 -0.42 0.00	28.81 -0.62 0.00	36.74 -1.22 0.00	31.25 -1.37 0.00	26.25 -0.73 0.00	24.13 -0.64 0.00	23.96 -0.74 0.00	24.19 -0.90 0.00	25.73 -0.66 0.00	27.36 -0.70 0.00	30.52 -1.44 -0.02	35.18 -1.51 0.00	43.67 -3.48 1.16	50.89 -3.48 0.89	42.22 -2.09 0.12	34.12 -1.61 0.00	29.54 -0.95 0.00	25.43 -0.76 0.00	23.06 -0.40 0.00
MORTIMER_115KV_TB3 55949	21.63 -0.74 0.00	19.70 -0.67 0.00	18.83 -0.66 0.00	18.76 -0.72 0.00	19.55 -0.63 0.00	21.56 -0.76 0.00	28.46 -0.97 0.00	36.63 -1.33 0.00	31.35 -1.27 0.00	26.22 -0.76 0.00	24.05 -0.72 0.00	23.96 -0.74 0.00	24.24 -0.85 0.00	25.59 -0.79 0.00	27.16 -0.90 0.00	30.76 -1.18 -0.01	35.10 -1.58 0.00	44.20 -2.51 1.59	51.33 -2.71 1.22	42.57 -1.69 0.16	34.16 -1.57 0.00	29.39 -1.10 0.00	25.23 -0.97 0.00	22.68 -0.77 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.18 1.81 0.00	22.00 1.63 0.00	21.05 1.56 0.00	21.06 1.58 0.00	21.75 1.57 0.00	24.01 1.70 0.00	31.52 2.09 0.00	40.73 2.77 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.12 2.35 0.00	27.12 2.42 0.00	27.56 2.46 0.00	28.95 2.56 0.00	30.78 2.72 0.00	35.09 3.07 -0.10	39.91 3.23 0.00	52.61 4.30 0.00	60.12 4.86 0.00	48.15 3.73 0.00	38.87 3.14 0.00	33.14 2.65 0.00	28.50 2.31 0.00	25.52 2.06 0.00
MUNSVILLE_WIND_PWR 323609	23.59 1.23 0.00	21.43 1.06 0.00	20.41 0.92 0.00	20.46 0.97 0.00	21.21 1.03 0.00	23.61 1.29 0.00	31.52 2.09 0.00	40.66 2.70 0.00	34.44 1.83 0.00	28.30 1.32 0.00	25.69 0.92 0.00	25.59 0.89 0.00	25.62 0.53 0.00	27.12 0.74 0.00	28.96 0.90 0.00	32.86 0.89 -0.04	38.37 1.69 0.00	50.21 2.32 0.41	57.76 2.82 0.32	47.23 2.85 0.04	38.02 2.29 0.00	32.65 2.16 0.00	27.82 1.62 0.00	24.75 1.29 0.00
N SALMON___HYD 24042	21.87 -0.49 0.00	19.90 -0.47 0.01	18.96 -0.53 0.01	17.80 -0.55 1.13	36.69 -0.50 -17.01	40.26 -0.45 -18.39	51.72 -0.53 -22.82	65.36 -0.61 -28.01	52.00 -0.75 -20.14	26.31 -0.67 0.00	24.28 -0.50 0.00	24.06 -0.64 0.00	40.00 -0.53 -15.43	46.67 -0.58 -20.86	49.34 -0.62 -21.90	55.55 -0.70 -24.32	36.26 -0.55 -0.13	54.99 -0.63 -7.31	92.19 -1.10 -38.04	74.98 -1.07 -31.62	34.87 -0.86 0.00	29.70 -0.79 0.00	25.46 -0.73 0.00	22.94 -0.52 0.00
N.AKRON__115KV_KNAPP 355671	21.43 -0.94 0.00	19.52 -0.86 0.00	18.65 -0.84 0.00	18.59 -0.90 0.00	19.43 -0.75 0.00	21.38 -0.94 0.00	28.16 -1.27 0.00	36.10 -1.86 0.00	30.86 -1.76 0.00	25.98 -1.00 0.00	23.88 -0.89 0.00	23.74 -0.96 0.00	23.94 -1.15 0.00	25.41 -0.98 0.00	26.91 -1.15 0.00	30.16 -1.79 -0.02	34.52 -2.16 0.00	42.65 -4.15 1.50	49.69 -4.42 1.15	41.56 -2.71 0.15	33.40 -2.32 0.00	28.90 -1.59 0.00	24.89 -1.31 0.00	22.54 -0.91 0.00
N.BELMOR_69_KV_BK1 55787	24.40 2.04 0.00	22.13 1.75 0.00	21.13 1.64 0.00	21.12 1.64 0.00	21.88 1.70 0.00	24.28 1.96 0.00	31.25 1.82 0.00	36.17 2.28 4.07	33.61 2.38 1.39	29.30 2.32 0.00	27.12 2.35 0.00	27.20 2.49 0.00	27.58 2.48 0.00	28.81 2.43 0.00	30.05 2.39 0.40	33.88 2.68 0.73	38.89 2.90 0.69	52.27 3.96 0.00	58.18 4.48 1.55	47.66 3.42 0.18	38.59 2.86 0.00	32.99 2.50 0.00	28.53 2.33 0.00	25.80 2.35 0.00
N.E_GEN_SANDY PD 24062	26.00 1.34 -2.29	24.20 1.20 -2.62	23.28 1.17 -2.62	23.32 1.15 -2.69	24.63 1.17 -3.28	29.00 1.27 -5.41	41.08 1.68 -9.97	42.27 2.39 -1.92	34.90 2.28 0.00	28.76 1.78 0.00	26.43 1.66 0.00	26.41 1.70 0.00	26.83 1.73 0.00	28.10 1.71 0.00	29.94 1.88 0.00	34.23 2.20 -0.10	39.29 2.60 0.00	52.00 3.52 -0.17	59.18 3.92 0.00	47.40 2.98 0.00	38.23 2.50 0.00	32.50 2.01 0.00	27.98 1.78 0.00	26.13 1.52 -1.15
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.84 1.48 0.00	21.72 1.34 0.00	20.78 1.29 0.00	20.79 1.31 0.00	21.51 1.33 0.00	23.79 1.47 0.00	31.20 1.77 0.00	40.35 2.39 0.00	34.87 2.25 0.00	28.92 1.94 0.00	26.65 1.88 0.00	26.63 1.93 0.00	27.05 1.96 0.00	28.42 2.03 0.00	30.25 2.19 0.00	34.54 2.52 -0.09	39.47 2.79 0.00	51.98 3.67 0.00	59.40 4.14 0.00	47.62 3.20 0.00	38.30 2.57 0.00	32.65 2.16 0.00	28.06 1.86 0.00	25.14 1.69 0.00
N.QUEENS_27_KV_LOAD 356247	24.38 2.01 0.00	22.22 1.83 -0.01	21.21 1.72 -0.01	21.20 1.71 -0.01	21.92 1.74 -0.01	24.06 1.74 0.00	31.49 2.06 0.00	40.39 2.43 0.00	35.29 2.67 0.00	29.33 2.35 0.00	27.07 2.30 0.00	27.07 2.37 0.00	27.53 2.43 0.00	28.89 2.51 0.00	30.73 2.67 0.00	35.03 3.00 -0.10	39.65 2.97 0.00	52.27 3.96 0.00	59.73 4.48 0.00	47.84 3.42 0.00	38.73 3.00 0.00	33.11 2.62 0.00	28.58 2.38 0.00	25.73 2.28 0.00
N.TROY___115KV_TB1 355778	23.46 1.10 0.00	21.39 1.02 0.00	20.45 0.96 0.00	20.44 0.95 0.00	21.15 0.97 0.00	23.39 1.07 0.00	30.87 1.44 0.00	40.05 2.09 0.00	34.54 1.92 0.00	28.41 1.43 0.00	26.03 1.26 0.00	26.01 1.31 0.00	26.45 1.36 0.00	27.73 1.35 0.00	29.49 1.43 0.00	33.73 1.76 -0.05	38.85 2.16 0.00	51.30 3.00 0.00	58.68 3.43 0.00	47.00 2.58 0.00	37.87 2.14 0.00	32.20 1.71 0.00	27.66 1.47 0.00	24.77 1.31 0.00
NARROWS_GT1_1 24228	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
NARROWS_GT1_2 24229	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
NARROWS_GT1_3 24230	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
NARROWS_GT1_4 24231	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01



NARROWS_GT1_5 24232	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
NARROWS_GT1_6 24233	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
NARROWS_GT1_7 24234	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
NARROWS_GT1_8 24235	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
NARROWS_GT2_1 24236	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
NARROWS_GT2_2 24237	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
NARROWS_GT2_3 24238	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
NARROWS_GT2_4 24239	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
NARROWS_GT2_5 24240	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
NARROWS_GT2_6 24241	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
NARROWS_GT2_7 24242	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
NARROWS_GT2_8 24243	24.43 2.06 -0.01	22.22 1.83 -0.01	21.29 1.79 -0.01	21.24 1.75 -0.01	21.98 1.80 -0.01	24.12 1.81 0.00	31.79 2.36 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.84 3.16 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.07 3.64 0.00	39.01 3.28 0.00	33.32 2.84 0.00	28.74 2.54 0.00	25.81 2.35 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.33 0.96 0.00	21.33 0.96 0.00	20.41 0.92 0.00	20.38 0.90 0.00	21.05 0.87 0.00	23.30 0.98 0.00	30.90 1.47 0.00	40.09 2.13 0.00	34.38 1.76 0.00	28.09 1.11 0.00	25.61 0.84 0.00	25.47 0.77 0.00	25.98 0.88 0.00	27.18 0.79 0.00	29.01 0.95 0.00	33.61 1.60 -0.08	38.63 1.94 0.00	51.35 3.04 0.00	58.79 3.54 0.00	47.18 2.75 0.00	37.94 2.22 0.00	32.13 1.65 0.00	27.51 1.31 0.00	24.58 1.13 0.00
NCHELSEA_115KV_TR2 355582	24.00 1.63 0.00	21.84 1.47 0.00	20.89 1.40 0.00	20.90 1.42 0.00	21.61 1.43 0.00	23.88 1.56 0.00	31.40 1.97 0.00	40.69 2.73 0.00	35.19 2.58 0.00	29.11 2.13 0.00	26.80 2.03 0.00	26.75 2.05 0.00	27.21 2.11 0.00	28.52 2.14 0.00	30.39 2.33 0.00	34.77 2.75 -0.10	39.73 3.04 0.00	52.37 4.06 0.00	59.84 4.59 0.00	47.98 3.55 0.00	38.66 2.93 0.00	32.90 2.41 0.00	28.26 2.07 0.00	25.29 1.83 0.00
NEG CAPITAL___MECHNVIL 23645	23.62 1.25 0.00	21.54 1.16 0.00	20.58 1.09 0.00	20.53 1.05 0.00	21.29 1.11 0.00	23.54 1.23 0.00	31.20 1.77 0.00	40.35 2.39 0.00	34.77 2.15 0.00	28.60 1.62 0.00	26.13 1.36 0.00	26.08 1.38 0.00	26.60 1.51 0.00	27.86 1.48 0.00	29.60 1.54 0.00	33.88 1.92 -0.04	39.06 2.38 0.00	51.79 3.48 0.00	59.24 3.98 0.00	47.49 3.06 0.00	38.23 2.50 0.00	32.44 1.95 0.00	27.82 1.62 0.00	24.89 1.43 0.00



NEG CENTRAL_HIGH_ACRES 23767	21.31 -1.05 0.00	19.44 -0.94 0.00	18.56 -0.94 0.00	18.57 -0.92 0.00	19.25 -0.93 0.00	21.31 -1.00 0.00	28.14 -1.29 0.00	36.25 -1.71 0.00	31.02 -1.60 0.00	25.87 -1.11 0.00	23.73 -1.04 0.00	23.64 -1.06 0.00	23.92 -1.18 0.00	25.28 -1.11 0.00	26.80 -1.26 0.00	30.41 -1.53 -0.01	34.70 -1.98 0.00	43.77 -2.90 1.64	50.85 -3.15 1.26	42.12 -2.13 0.17	33.83 -1.89 0.00	29.09 -1.40 0.00	24.91 -1.28 0.00	22.38 -1.08 0.00
NEG CENTRAL___DRP 24199	22.16 -0.20 0.00	20.17 -0.20 0.00	19.28 -0.21 0.00	19.27 -0.21 0.00	20.02 -0.16 0.00	22.14 -0.18 0.00	29.28 -0.15 0.00	37.62 -0.34 0.00	32.23 -0.39 0.00	26.79 -0.19 0.00	24.52 -0.25 0.00	24.43 -0.27 0.00	24.75 -0.35 0.00	26.12 -0.26 0.00	27.75 -0.31 0.00	31.46 -0.48 -0.01	36.13 -0.55 0.00	46.73 -1.11 0.47	53.90 -0.99 0.36	43.84 -0.53 0.05	35.33 -0.39 0.00	30.21 -0.27 0.00	25.96 -0.24 0.00	23.20 -0.26 0.00
NEG CENTRAL___INDECK 23768	22.34 -0.02 0.00	20.38 0.00 0.00	19.41 -0.08 0.00	19.44 -0.04 0.00	20.20 0.02 0.00	22.40 0.09 0.00	29.66 0.23 0.00	38.23 0.27 0.00	32.32 -0.29 0.00	26.93 -0.05 0.00	24.57 -0.20 0.00	24.41 -0.30 0.00	24.65 -0.45 0.00	26.17 -0.21 0.00	27.81 -0.25 0.00	31.38 -0.57 -0.02	36.02 -0.66 0.00	45.48 -1.55 1.28	53.18 -1.10 0.98	44.16 -0.13 0.13	35.44 -0.29 0.00	30.58 0.09 0.00	26.17 -0.03 0.00	23.53 0.07 0.00
NEG CENTRAL___SENECA 23627	22.25 -0.11 0.00	20.25 -0.12 0.00	19.35 -0.14 0.00	19.35 -0.14 0.00	20.12 -0.06 0.00	22.25 -0.07 0.00	29.43 0.00 0.00	37.77 -0.19 0.00	32.36 -0.26 0.00	26.95 -0.03 0.00	24.67 -0.10 0.00	24.55 -0.15 0.00	24.85 -0.25 0.00	26.28 -0.11 0.00	27.89 -0.17 0.00	31.53 -0.42 -0.01	36.28 -0.40 0.00	46.10 -1.26 0.95	53.48 -1.05 0.73	43.88 -0.44 0.10	35.44 -0.29 0.00	30.34 -0.15 0.00	26.06 -0.13 0.00	23.34 -0.12 0.00
NEG CENTRAL___STATE_STREET 24147	22.19 -0.18 0.00	20.19 -0.18 0.00	19.30 -0.19 0.00	19.29 -0.19 0.00	20.00 -0.18 0.00	22.09 -0.22 0.00	29.25 -0.18 0.00	37.66 -0.30 0.00	32.26 -0.36 0.00	26.74 -0.24 0.00	24.47 -0.30 0.00	24.41 -0.30 0.00	24.72 -0.38 0.00	26.04 -0.34 0.00	27.70 -0.36 0.00	31.52 -0.42 -0.01	36.17 -0.51 0.00	47.53 -0.77 0.00	54.54 -0.72 0.00	44.02 -0.40 0.00	35.41 -0.32 0.00	30.21 -0.27 0.00	25.96 -0.24 0.00	23.15 -0.30 0.00
NEG MILLWOOD___DRP 24198	24.15 1.79 0.00	21.96 1.59 0.00	20.99 1.50 0.00	21.02 1.54 0.00	21.71 1.53 0.00	24.01 1.70 0.00	31.55 2.12 0.00	40.92 2.96 0.00	35.42 2.81 0.00	29.30 2.32 0.00	27.00 2.23 0.00	27.00 2.30 0.00	27.43 2.33 0.00	28.79 2.40 0.00	30.67 2.61 0.00	35.03 3.00 -0.10	40.02 3.34 0.00	52.75 4.44 0.00	60.34 5.08 0.00	48.29 3.86 0.00	38.94 3.22 0.00	33.14 2.65 0.00	28.47 2.28 0.00	25.47 2.02 0.00
NEG NORTH_FLCN_SEA 23793	22.12 -0.25 0.00	20.08 -0.29 0.01	19.11 -0.37 0.01	17.87 -0.41 1.20	-7.05 -0.36 26.87	-7.00 -0.27 29.05	-6.96 -0.35 36.04	-6.65 -0.38 44.23	0.24 -0.59 31.79	26.47 -0.51 0.00	24.50 -0.27 0.00	23.91 -0.79 0.00	0.08 -0.65 24.36	-7.27 -0.71 32.94	-7.28 -0.76 34.58	-7.30 -0.83 38.40	35.60 -0.88 0.20	35.60 -1.16 11.55	-6.24 -1.44 60.06	43.62 -0.80 0.00	35.16 -0.57 0.00	29.88 -0.61 0.00	25.62 -0.58 0.00	23.08 -0.38 0.00
NEG NORTH_KES_CHATEGAY 23792	21.67 -0.69 0.00	19.67 -0.69 0.01	18.74 -0.74 0.01	17.50 -0.80 1.19	-8.90 -0.79 28.29	-9.06 -0.78 30.59	-9.53 -1.00 37.96	-9.83 -1.21 46.58	-2.07 -1.21 33.48	25.95 -1.03 0.00	23.98 -0.79 0.00	23.71 -0.99 0.00	-1.44 -0.88 25.66	-9.26 -0.95 34.69	-9.37 -1.01 36.42	-9.63 -1.12 40.44	35.33 -1.14 0.21	34.79 -1.35 12.16	-9.82 -1.82 63.25	42.78 -1.64 0.00	34.51 -1.21 0.00	29.33 -1.16 0.00	25.17 -1.02 0.00	22.66 -0.80 0.00
NEG NORTH___ALICE_FALLS 23915	22.10 -0.27 0.00	20.08 -0.29 0.01	19.11 -0.37 0.01	17.87 -0.41 1.20	-7.26 -0.34 27.09	-7.20 -0.22 29.29	-7.21 -0.29 36.34	-6.94 -0.30 44.60	0.00 -0.55 32.06	26.47 -0.51 0.00	24.47 -0.30 0.00	24.01 -0.69 0.00	0.00 -0.53 24.57	-7.39 -0.55 33.22	-7.40 -0.59 34.87	-7.46 -0.67 38.72	35.86 -0.62 0.20	35.89 -0.77 11.65	-6.41 -1.11 60.57	43.67 -0.76 0.00	35.19 -0.54 0.00	29.88 -0.61 0.00	25.62 -0.58 0.00	23.08 -0.38 0.00
NEG NORTH___LWR_SARANAC 23913	22.10 -0.27 0.00	20.08 -0.29 0.01	19.11 -0.37 0.01	17.87 -0.41 1.20	-7.26 -0.34 27.09	-7.20 -0.22 29.29	-7.21 -0.29 36.34	-6.94 -0.30 44.60	0.00 -0.55 32.06	26.47 -0.51 0.00	24.47 -0.30 0.00	24.01 -0.69 0.00	0.00 -0.53 24.57	-7.39 -0.55 33.22	-7.40 -0.59 34.87	-7.46 -0.67 38.72	35.86 -0.62 0.20	35.89 -0.77 11.65	-6.41 -1.11 60.57	43.67 -0.76 0.00	35.19 -0.54 0.00	29.88 -0.61 0.00	25.62 -0.58 0.00	23.08 -0.38 0.00
NEG NORTH___PLATTSBURG 23628	22.10 -0.27 0.00	20.08 -0.29 0.01	19.11 -0.37 0.01	17.87 -0.41 1.20	-7.26 -0.34 27.09	-7.20 -0.22 29.29	-7.21 -0.29 36.34	-6.94 -0.31 44.60	0.00 -0.55 32.06	26.47 -0.51 0.00	24.47 -0.30 0.00	24.01 -0.69 0.00	0.00 -0.53 24.57	-7.39 -0.56 33.22	-7.40 -0.59 34.87	-7.47 -0.67 38.72	35.86 -0.62 0.20	35.89 -0.77 11.65	-6.41 -1.10 60.57	-6.68 -0.76 50.35	35.09 -0.64 0.00	29.88 -0.61 0.00	25.62 -0.58 0.00	23.08 -0.38 0.00
NEG WEST_LEA_LOCKPORT 23791	21.11 -1.25 0.00	19.25 -1.12 0.00	18.40 -1.09 0.00	18.33 -1.15 0.00	19.17 -1.01 0.00	21.04 -1.27 0.00	27.66 -1.77 0.00	35.27 -2.70 0.00	30.20 -2.41 0.00	25.52 -1.46 0.00	23.51 -1.26 0.00	23.34 -1.36 0.00	23.54 -1.56 0.00	24.99 -1.40 0.00	26.49 -1.57 0.00	29.58 -2.36 -0.02	33.86 -2.82 0.00	41.66 -5.17 1.48	48.54 -5.58 1.14	40.58 -3.69 0.15	32.69 -3.04 0.00	28.35 -2.13 0.00	24.49 -1.70 0.00	22.21 -1.24 0.00
NEG WEST___LANCASTR 23811	21.67 -0.69 0.00	19.78 -0.59 0.00	18.93 -0.57 0.00	18.90 -0.58 0.00	19.76 -0.42 0.00	21.73 -0.58 0.00	28.58 -0.85 0.00	36.25 -1.71 0.00	30.92 -1.70 0.00	26.12 -0.86 0.00	24.08 -0.69 0.00	23.91 -0.79 0.00	24.09 -1.00 0.00	25.67 -0.71 0.00	27.19 -0.87 0.00	29.59 -2.36 -0.02	34.92 -1.76 0.00	41.71 -5.27 1.34	48.60 -5.64 1.02	40.87 -3.42 0.14	33.48 -2.25 0.00	29.02 -1.46 0.00	25.07 -1.13 0.00	22.85 -0.61 0.00
NEG_PENN_ALLEGHNY 23528	22.90 0.54 0.00	20.88 0.51 0.00	19.96 0.47 0.00	19.99 0.51 0.00	20.74 0.56 0.00	22.94 0.62 0.00	30.25 0.82 0.00	38.83 0.87 0.00	33.21 0.59 0.00	27.65 0.67 0.00	25.39 0.62 0.00	25.29 0.59 0.00	25.62 0.53 0.00	27.07 0.68 0.00	28.76 0.70 0.00	32.45 0.48 -0.05	37.45 0.77 0.00	47.97 0.24 0.58	55.31 0.50 0.44	45.12 0.75 0.06	36.33 0.61 0.00	31.19 0.70 0.00	26.82 0.63 0.00	24.14 0.68 0.00
NEG___GEN_MONROE 24207	21.65 -0.72 0.00	19.70 -0.67 0.00	18.85 -0.64 0.00	18.76 -0.72 0.00	19.55 -0.63 0.00	21.53 -0.78 0.00	28.40 -1.03 0.00	36.48 -1.48 0.00	31.21 -1.40 0.00	26.14 -0.84 0.00	24.00 -0.77 0.00	23.89 -0.82 0.00	24.14 -0.95 0.00	25.54 -0.84 0.00	27.05 -1.01 0.00	30.60 -1.34 -0.01	34.92 -1.76 0.00	43.82 -2.90 1.59	51.00 -3.04 1.22	42.40 -1.87 0.16	34.01 -1.71 0.00	29.27 -1.22 0.00	25.17 -1.02 0.00	22.73 -0.73 0.00



NEPA___ENERGY 23901	21.74 -0.63 0.00	19.85 -0.53 0.00	18.98 -0.51 0.00	18.96 -0.53 0.00	19.82 -0.36 0.00	21.80 -0.51 0.00	28.64 -0.79 0.00	36.44 -1.52 0.00	31.05 -1.57 0.00	26.22 -0.76 0.00	24.18 -0.59 0.00	24.01 -0.69 0.00	24.22 -0.88 0.00	25.78 -0.61 0.00	27.30 -0.76 0.00	30.29 -1.66 -0.02	35.10 -1.58 0.00	42.97 -4.01 1.33	50.10 -4.14 1.02	41.84 -2.44 0.14	33.73 -2.00 0.00	29.24 -1.25 0.00	25.28 -0.92 0.00	22.99 -0.47 0.00
NEVERSink___HYD 23608	23.91 1.54 0.00	21.78 1.40 0.00	20.83 1.34 0.00	20.81 1.33 0.00	21.55 1.37 0.00	23.81 1.50 0.00	31.43 2.00 0.00	40.62 2.66 0.00	35.00 2.38 0.00	28.95 1.97 0.00	26.63 1.86 0.00	26.53 1.83 0.00	26.95 1.86 0.00	28.29 1.90 0.00	30.17 2.11 0.00	34.51 2.49 -0.09	39.51 2.82 0.00	52.08 3.77 0.00	59.51 4.26 0.00	47.80 3.37 0.00	38.48 2.75 0.00	32.78 2.29 0.00	28.13 1.94 0.00	25.22 1.76 0.00
NEWKRMKL_115KV_TB1 55635	23.15 0.78 0.00	21.13 0.75 0.00	20.23 0.74 0.00	20.22 0.74 0.00	20.87 0.69 0.00	23.07 0.76 0.00	30.49 1.06 0.00	39.48 1.52 0.00	34.09 1.47 0.00	28.06 1.08 0.00	25.71 0.94 0.00	25.69 0.99 0.00	26.15 1.05 0.00	27.41 1.03 0.00	29.18 1.12 0.00	33.40 1.40 -0.07	38.37 1.69 0.00	50.72 2.42 0.00	57.97 2.71 0.00	46.47 2.04 0.00	37.44 1.71 0.00	31.80 1.31 0.00	27.30 1.10 0.00	24.39 0.94 0.00
NEWTON___FALLS_HYD 23847	22.21 -0.16 0.00	20.21 -0.16 0.00	19.33 -0.16 0.00	18.68 -0.16 0.64	22.74 -0.10 -2.66	25.19 0.00 -2.88	33.12 0.12 -3.57	42.61 0.27 -4.38	35.77 0.00 -3.15	26.76 -0.22 0.00	24.50 -0.27 0.00	24.41 -0.30 0.00	27.16 -0.35 -2.42	29.31 -0.34 -3.27	31.15 -0.34 -3.43	35.32 -0.42 -3.81	36.66 -0.04 -0.02	49.60 0.14 -1.14	61.21 0.00 -5.95	44.25 -0.18 0.00	35.62 -0.11 0.00	30.46 -0.03 0.00	26.04 -0.16 0.00	23.32 -0.14 0.00
NGRID_A1_DSASP 323792	20.84 -1.52 0.00	19.07 -1.30 0.00	18.16 -1.33 0.00	18.25 -1.23 0.00	18.93 -1.25 0.00	20.86 -1.45 0.00	27.37 -2.06 0.00	34.70 -3.26 0.00	29.68 -2.94 0.00	25.12 -1.86 0.00	23.13 -1.64 0.00	23.00 -1.70 0.00	23.19 -1.91 0.00	24.62 -1.77 0.00	26.04 -2.02 0.00	29.17 -2.78 -0.02	33.31 -3.37 0.00	41.08 -5.75 1.48	47.82 -6.30 1.13	39.87 -4.40 0.15	32.12 -3.61 0.00	27.99 -2.50 0.00	24.10 -2.10 0.00	21.98 -1.48 0.00
NGRID_A2_DSASP 323793	20.84 -1.52 0.00	19.07 -1.30 0.00	18.16 -1.33 0.00	18.25 -1.23 0.00	18.93 -1.25 0.00	20.86 -1.45 0.00	27.37 -2.06 0.00	34.70 -3.26 0.00	29.68 -2.94 0.00	25.12 -1.86 0.00	23.13 -1.64 0.00	23.00 -1.70 0.00	23.19 -1.91 0.00	24.62 -1.77 0.00	26.04 -2.02 0.00	29.17 -2.78 -0.02	33.31 -3.37 0.00	41.08 -5.75 1.48	47.82 -6.30 1.13	39.87 -4.40 0.15	32.12 -3.61 0.00	27.99 -2.50 0.00	24.10 -2.10 0.00	21.98 -1.48 0.00
NGRID_A4_DSASP 323807	20.84 -1.52 0.00	19.07 -1.30 0.00	18.16 -1.33 0.00	18.25 -1.23 0.00	18.93 -1.25 0.00	20.86 -1.45 0.00	27.37 -2.06 0.00	34.70 -3.26 0.00	29.68 -2.94 0.00	25.12 -1.86 0.00	23.13 -1.64 0.00	23.00 -1.70 0.00	23.19 -1.91 0.00	24.62 -1.77 0.00	26.04 -2.02 0.00	29.17 -2.78 -0.02	33.31 -3.37 0.00	41.08 -5.75 1.48	47.82 -6.30 1.13	39.87 -4.40 0.15	32.12 -3.61 0.00	27.99 -2.50 0.00	24.10 -2.10 0.00	21.98 -1.48 0.00
NIAGARA_115E_LBMP 323715	20.73 -1.63 0.00	18.97 -1.41 0.00	18.07 -1.42 0.00	18.16 -1.33 0.00	18.83 -1.35 0.00	20.78 -1.54 0.00	27.28 -2.15 0.00	34.62 -3.34 0.00	29.59 -3.03 0.00	25.01 -1.97 0.00	23.04 -1.73 0.00	22.90 -1.80 0.00	23.09 -2.01 0.00	24.51 -1.87 0.00	25.95 -2.10 0.00	29.01 -2.94 -0.02	33.20 -3.49 0.00	40.75 -6.09 1.47	47.50 -6.63 1.13	39.74 -4.53 0.15	32.01 -3.72 0.00	27.90 -2.59 0.00	24.02 -2.17 0.00	21.88 -1.57 0.00
NIAGARA_115W_LBMP 323714	20.80 -1.57 0.00	19.03 -1.35 0.00	18.13 -1.36 0.00	18.22 -1.27 0.00	18.89 -1.29 0.00	20.82 -1.49 0.00	27.31 -2.12 0.00	34.62 -3.34 0.00	29.62 -3.00 0.00	25.06 -1.91 0.00	23.09 -1.69 0.00	22.95 -1.75 0.00	23.14 -1.96 0.00	24.57 -1.82 0.00	25.98 -2.08 0.00	29.10 -2.84 -0.02	33.23 -3.45 0.00	40.98 -5.85 1.48	47.71 -6.41 1.14	39.83 -4.44 0.15	32.05 -3.68 0.00	27.93 -2.56 0.00	24.05 -2.15 0.00	21.93 -1.52 0.00
NIAGARA_230_LBMP 323716	21.00 -1.36 0.00	19.21 -1.16 0.00	18.28 -1.21 0.00	18.37 -1.11 0.00	19.07 -1.11 0.00	21.02 -1.29 0.00	27.58 -1.85 0.00	35.00 -2.96 0.00	29.91 -2.71 0.00	25.31 -1.67 0.00	23.28 -1.49 0.00	23.15 -1.56 0.00	23.34 -1.76 0.00	24.78 -1.61 0.00	26.24 -1.82 0.00	29.36 -2.59 -0.02	33.56 -3.12 0.00	41.45 -5.36 1.50	48.25 -5.86 1.15	40.23 -4.04 0.15	32.41 -3.32 0.00	28.23 -2.26 0.00	24.31 -1.89 0.00	22.14 -1.31 0.00
NIAGARA___115KV_198_GIBSON 55903	20.80 -1.57 0.00	18.97 -1.41 0.00	18.13 -1.36 0.00	18.06 -1.42 0.00	18.89 -1.29 0.00	20.71 -1.61 0.00	27.16 -2.27 0.00	34.54 -3.42 0.00	29.62 -3.00 0.00	25.06 -1.92 0.00	23.09 -1.68 0.00	22.95 -1.75 0.00	23.14 -1.96 0.00	24.51 -1.87 0.00	25.98 -2.08 0.00	29.10 -2.84 -0.02	33.23 -3.45 0.00	40.98 -5.85 1.48	47.71 -6.41 1.14	39.83 -4.44 0.15	32.05 -3.68 0.00	27.84 -2.65 0.00	24.05 -2.15 0.00	21.86 -1.60 0.00
NIAGARA____ 23760	21.00 -1.36 0.00	19.21 -1.16 0.00	18.28 -1.21 0.00	18.37 -1.11 0.00	19.07 -1.11 0.00	21.02 -1.29 0.00	27.58 -1.85 0.00	35.00 -2.96 0.00	29.91 -2.71 0.00	25.31 -1.67 0.00	23.28 -1.49 0.00	23.15 -1.56 0.00	23.34 -1.76 0.00	24.78 -1.61 0.00	26.24 -1.82 0.00	29.36 -2.59 -0.02	33.56 -3.12 0.00	41.46 -5.36 1.49	48.26 -5.86 1.14	40.23 -4.04 0.15	32.41 -3.32 0.00	28.23 -2.26 0.00	24.31 -1.89 0.00	22.14 -1.31 0.00
NINE_MILE_1 23575	21.65 -0.72 0.00	19.72 -0.65 0.00	18.87 -0.62 0.00	18.88 -0.60 0.00	19.53 -0.65 0.00	21.58 -0.74 0.00	28.46 -0.97 0.00	36.63 -1.33 0.00	31.44 -1.17 0.00	26.03 -0.95 0.00	23.88 -0.89 0.00	23.81 -0.89 0.00	24.17 -0.93 0.00	25.44 -0.95 0.00	27.02 -1.04 0.00	30.75 -1.18 0.00	35.25 -1.43 0.00	35.43 -1.88 10.99	44.74 -2.10 8.42	41.70 -1.60 1.12	34.44 -1.28 0.00	29.42 -1.07 0.00	25.28 -0.92 0.00	22.61 -0.84 0.00
NINE_MILE_2 23744	21.65 -0.72 0.00	19.72 -0.65 0.00	18.87 -0.62 0.00	18.88 -0.60 0.00	19.53 -0.65 0.00	21.60 -0.71 0.00	28.46 -0.97 0.00	36.63 -1.33 0.00	31.44 -1.17 0.00	26.03 -0.95 0.00	23.88 -0.89 0.00	23.81 -0.89 0.00	24.17 -0.93 0.00	25.44 -0.95 0.00	27.02 -1.04 0.00	30.75 -1.18 0.00	35.25 -1.43 0.00	35.29 -1.88 11.13	44.63 -2.10 8.53	41.69 -1.60 1.14	34.44 -1.28 0.00	29.42 -1.07 0.00	25.28 -0.92 0.00	22.61 -0.84 0.00
NM_CAPITAL___DRP 24208	23.24 0.87 0.00	21.21 0.84 0.00	20.31 0.82 0.00	20.30 0.82 0.00	20.95 0.77 0.00	23.19 0.87 0.00	30.58 1.15 0.00	39.67 1.71 0.00	34.22 1.60 0.00	28.17 1.19 0.00	25.84 1.07 0.00	25.81 1.11 0.00	26.25 1.15 0.00	27.52 1.13 0.00	29.29 1.23 0.00	33.53 1.53 -0.07	38.52 1.83 0.00	50.92 2.61 0.00	58.19 2.93 0.00	46.60 2.18 0.00	37.55 1.82 0.00	31.92 1.43 0.00	27.43 1.23 0.00	24.49 1.03 0.00



NM_CENTRAL___DRP 24181	22.01 -0.36 0.00	20.03 -0.35 0.00	19.16 -0.33 0.00	19.15 -0.33 0.00	19.86 -0.32 0.00	21.94 -0.38 0.00	28.99 -0.44 0.00	37.32 -0.65 0.00	32.00 -0.62 0.00	26.52 -0.46 0.00	24.30 -0.47 0.00	24.23 -0.47 0.00	24.60 -0.50 0.00	25.88 -0.50 0.00	27.50 -0.56 0.00	31.30 -0.64 0.00	35.87 -0.81 0.00	46.64 -1.11 0.56	53.67 -1.16 0.43	43.57 -0.80 0.06	35.12 -0.61 0.00	29.97 -0.52 0.00	25.75 -0.45 0.00	22.99 -0.47 0.00
NM_FRONTIER___DRP 24179	20.80 -1.57 0.00	18.97 -1.41 0.00	18.13 -1.36 0.00	18.06 -1.42 0.00	18.89 -1.29 0.00	20.71 -1.61 0.00	27.16 -2.27 0.00	34.54 -3.42 0.00	29.62 -3.00 0.00	25.06 -1.92 0.00	23.09 -1.68 0.00	22.95 -1.75 0.00	23.14 -1.96 0.00	24.51 -1.87 0.00	25.98 -2.08 0.00	29.10 -2.84 -0.02	33.23 -3.45 0.00	40.98 -5.85 1.48	47.71 -6.41 1.14	39.83 -4.44 0.15	32.05 -3.68 0.00	27.84 -2.65 0.00	24.05 -2.15 0.00	21.86 -1.60 0.00
NM_ST_REGIS___HYD 24053	22.01 -0.36 0.00	20.04 -0.33 0.01	19.13 -0.35 0.01	18.15 -0.33 1.00	26.52 -0.28 -6.62	29.29 -0.18 -7.16	38.10 -0.21 -8.88	48.71 -0.15 -10.90	40.06 -0.39 -7.83	26.55 -0.43 0.00	24.42 -0.35 0.00	24.28 -0.42 0.00	30.77 -0.33 -6.00	34.13 -0.37 -8.12	36.19 -0.39 -8.52	40.94 -0.45 -9.46	36.51 -0.22 -0.05	50.96 -0.19 -2.85	69.56 -0.50 -14.80	43.80 -0.62 0.00	35.30 -0.43 0.00	30.03 -0.46 0.00	25.75 -0.45 0.00	23.15 -0.30 0.00
NORTHPORT___1 23551	24.35 1.99 0.00	22.07 1.69 0.00	21.07 1.58 0.00	21.02 1.54 0.00	21.84 1.66 0.00	24.23 1.92 0.00	31.01 1.59 0.01	32.45 1.59 7.11	31.94 1.76 2.43	29.00 2.02 0.00	26.95 2.18 0.00	27.00 2.30 0.00	27.33 2.23 0.00	28.34 1.95 0.00	29.10 1.74 0.70	32.52 1.95 1.36	37.41 1.94 1.21	50.95 2.66 0.01	55.47 2.93 2.71	46.32 2.22 0.32	37.75 2.04 0.01	32.19 1.71 0.00	28.24 2.04 0.00	25.81 2.35 -0.01
NORTHPORT___2 23552	24.35 1.99 0.00	22.07 1.69 0.00	21.07 1.58 0.00	21.02 1.54 0.00	21.84 1.66 0.00	24.23 1.92 0.00	31.01 1.59 0.01	32.45 1.59 7.11	31.94 1.76 2.43	29.00 2.02 0.00	26.95 2.18 0.00	27.00 2.30 0.00	27.33 2.23 0.00	28.34 1.95 0.00	29.10 1.74 0.70	32.52 1.95 1.36	37.41 1.94 1.21	50.95 2.66 0.01	55.47 2.93 2.71	46.32 2.22 0.32	37.75 2.04 0.01	32.19 1.71 0.00	28.24 2.04 0.00	25.81 2.35 -0.01
NORTHPORT___3 23553	24.31 1.94 0.00	22.05 1.67 0.00	21.05 1.56 0.00	21.00 1.52 0.00	21.80 1.62 0.00	24.14 1.83 0.00	30.92 1.50 0.01	32.45 1.63 7.14	32.00 1.83 2.45	29.11 2.13 0.00	27.05 2.28 0.00	27.12 2.42 0.00	27.43 2.33 0.00	28.50 2.11 0.00	29.27 1.91 0.70	32.67 2.11 1.36	37.70 2.24 1.22	51.39 3.09 0.01	56.02 3.48 2.73	46.68 2.58 0.32	37.97 2.25 0.01	32.38 1.89 0.00	28.24 2.04 0.00	25.74 2.27 -0.01
NORTHPORT___4 23650	24.31 1.94 0.00	22.05 1.67 0.00	21.05 1.56 0.00	21.00 1.52 0.00	21.80 1.62 0.00	24.14 1.83 0.00	30.92 1.50 0.01	32.45 1.63 7.14	32.00 1.83 2.45	29.11 2.13 0.00	27.05 2.28 0.00	27.12 2.42 0.00	27.43 2.33 0.00	28.50 2.11 0.00	29.27 1.91 0.70	32.67 2.11 1.36	37.70 2.24 1.22	51.39 3.09 0.01	56.02 3.48 2.73	46.68 2.58 0.32	37.97 2.25 0.01	32.38 1.89 0.00	28.24 2.04 0.00	25.74 2.27 -0.01
NORTHPORT___IC 23718	24.36 1.99 0.00	22.07 1.69 0.00	21.07 1.58 0.00	21.06 1.58 0.00	21.83 1.65 0.00	24.32 2.01 0.00	30.75 1.32 0.00	32.46 1.59 7.10	31.95 1.76 2.43	29.03 2.05 0.00	26.95 2.18 0.00	27.00 2.30 0.00	27.33 2.23 0.00	28.39 2.01 0.00	29.11 1.74 0.69	32.53 1.95 1.35	37.42 1.94 1.20	50.96 2.66 0.00	55.48 2.93 2.70	46.33 2.22 0.31	37.73 2.00 0.00	32.23 1.74 0.00	28.29 2.10 0.00	25.80 2.35 0.00
NORTH___COUNTRY_ESR 323785	21.63 -0.74 0.00	19.63 -0.73 0.01	18.70 -0.78 0.01	17.46 -0.84 1.19	-8.97 -0.83 28.33	-9.16 -0.85 30.62	-9.66 -1.09 38.00	-10.00 -1.33 46.63	-2.18 -1.27 33.52	25.90 -1.08 0.00	23.93 -0.84 0.00	23.69 -1.01 0.00	-1.52 -0.93 25.69	-9.35 -1.00 34.73	-9.47 -1.07 36.46	-9.74 -1.18 40.49	35.26 -1.21 0.21	34.63 -1.50 12.18	-10.00 -1.94 63.32	-10.00 -1.78 52.65	34.33 -1.39 0.00	29.27 -1.22 0.00	25.12 -1.08 0.00	22.61 -0.84 0.00
NPX_GEN_1385_PROXY 323591	24.35 1.99 0.00	22.07 1.69 0.00	21.07 1.58 0.00	21.02 1.54 0.00	21.92 1.74 0.00	24.50 2.19 0.00	31.84 2.41 0.01	35.50 2.73 5.20	32.76 2.58 2.43	28.84 1.86 0.00	26.90 2.13 0.00	26.83 2.12 0.00	27.13 2.03 0.00	28.23 1.85 0.00	29.07 1.71 0.70	33.00 2.43 1.36	37.71 2.24 1.21	51.15 2.85 0.01	55.75 3.20 2.71	46.90 2.80 0.32	38.11 2.39 0.01	32.41 1.92 0.00	28.45 2.25 0.00	25.74 2.27 -0.01
NPX_GEN_CSC 323557	24.73 2.37 0.00	22.39 2.02 0.00	21.36 1.87 0.00	21.31 1.83 0.00	22.16 1.98 0.00	24.59 2.28 0.00	31.48 2.06 0.01	33.16 2.20 7.00	32.50 2.28 2.40	29.30 2.32 0.00	27.20 2.43 0.00	27.30 2.59 0.00	27.63 2.53 0.00	28.79 2.40 0.00	29.56 2.19 0.69	33.15 2.56 1.33	38.24 2.75 1.19	52.07 3.77 0.01	56.84 4.26 2.67	47.17 3.06 0.32	38.54 2.82 0.01	32.80 2.32 0.00	28.58 2.38 0.00	26.11 2.65 -0.01
NSINS_S___GLNS_FALLS 23858	23.57 1.21 0.00	21.52 1.14 0.00	20.50 1.01 0.00	20.48 0.99 0.00	21.21 1.03 0.00	23.50 1.18 0.00	31.17 1.74 0.00	40.31 2.35 0.00	34.77 2.15 0.00	28.52 1.54 0.00	26.01 1.24 0.00	25.94 1.24 0.00	26.53 1.43 0.00	27.76 1.37 0.00	29.32 1.26 0.00	33.62 1.66 -0.04	38.77 2.09 0.00	51.50 3.19 0.00	59.02 3.76 0.00	47.31 2.89 0.00	38.05 2.32 0.00	32.38 1.89 0.00	27.69 1.49 0.00	25.36 1.90 0.00
NUCOR_STEEL___DRP 24197	22.21 -0.16 0.00	20.21 -0.16 0.00	19.33 -0.16 0.00	19.33 -0.16 0.00	20.02 -0.16 0.00	22.09 -0.22 0.00	29.22 -0.21 0.00	37.62 -0.34 0.00	32.23 -0.39 0.00	26.71 -0.27 0.00	24.45 -0.32 0.00	24.38 -0.32 0.00	24.72 -0.38 0.00	26.04 -0.34 0.00	27.67 -0.39 0.00	31.52 -0.42 -0.01	36.13 -0.55 0.00	47.53 -0.77 0.00	54.54 -0.72 0.00	44.02 -0.40 0.00	35.41 -0.32 0.00	30.21 -0.27 0.00	25.99 -0.21 0.00	23.17 -0.28 0.00
NUMBER_THREE_WT_PWR 323818	22.36 0.00 0.00	20.35 -0.02 0.00	19.47 -0.02 0.00	19.23 0.00 0.25	21.36 0.02 -1.16	23.70 0.13 -1.25	31.34 0.35 -1.55	40.44 0.57 -1.91	34.25 0.26 -1.37	27.01 0.03 0.00	24.65 -0.12 0.00	24.53 -0.17 0.00	25.85 -0.30 -1.05	27.54 -0.26 -1.42	29.30 -0.25 -1.49	33.26 -0.32 -1.65	37.02 0.33 -0.01	49.43 0.63 -0.50	58.56 0.72 -2.59	46.75 0.18 -2.15	35.91 0.18 0.00	30.73 0.24 0.00	26.27 0.08 0.00	23.46 0.00 0.00
NYISO_LBMP_REFERENCE 24008	22.36 0.00 0.00	20.38 0.00 0.00	19.49 0.00 0.00	19.48 0.00 0.00	20.18 0.00 0.00	22.31 0.00 0.00	29.43 0.00 0.00	37.96 0.00 0.00	32.62 0.00 0.00	26.98 0.00 0.00	24.77 0.00 0.00	24.70 0.00 0.00	25.10 0.00 0.00	26.39 0.00 0.00	28.06 0.00 0.00	31.93 0.00 0.00	36.68 0.00 0.00	48.31 0.00 0.00	55.26 0.00 0.00	44.42 0.00 0.00	35.73 0.00 0.00	30.49 0.00 0.00	26.20 0.00 0.00	23.46 0.00 0.00



NYPA_BRENTWD____GT 24164	24.62	22.29	21.28	21.24	22.06	24.48	31.39	33.20	32.48	29.30	27.20	27.30	27.63	28.73	29.57	33.11	38.04	51.44	56.11	46.73	38.43	32.78	28.60	26.09
	2.26	1.91	1.79	1.75	1.88	2.16	1.97	2.12	2.22	2.32	2.43	2.59	2.53	2.35	2.19	2.49	2.53	3.14	3.48	2.62	2.71	2.29	2.41	2.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	6.88	2.36	0.00	0.00	0.00	0.00	0.00	0.68	1.31	1.17	0.01	2.63	0.31	0.01	0.00	0.00	-0.01
NYPA_GOWANUS____GT5 24156	24.43	22.22	21.29	21.24	21.98	24.12	31.79	40.66	35.49	29.46	27.20	27.20	27.68	29.05	30.92	35.28	39.84	52.61	60.01	48.07	39.01	33.32	28.74	25.81
	2.06	1.83	1.79	1.75	1.80	1.81	2.36	2.70	2.87	2.48	2.43	2.49	2.59	2.66	2.86	3.26	3.16	4.30	4.75	3.64	3.28	2.84	2.54	2.35
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA_GOWANUS____GT6 24157	24.43	22.22	21.29	21.24	21.98	24.12	31.79	40.66	35.49	29.46	27.20	27.20	27.68	29.05	30.92	35.28	39.84	52.61	60.01	48.07	39.01	33.32	28.74	25.81
	2.06	1.83	1.79	1.75	1.80	1.81	2.36	2.70	2.87	2.48	2.43	2.49	2.59	2.66	2.86	3.26	3.16	4.30	4.75	3.64	3.28	2.84	2.54	2.35
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA_HARLEM__RVR__GT1 24160	24.36	22.18	21.19	21.14	21.90	23.99	31.55	40.35	35.22	29.26	27.02	27.02	27.47	28.83	30.69	34.99	39.57	52.17	59.56	47.70	38.68	33.02	28.53	25.71
	1.99	1.79	1.69	1.65	1.71	1.67	2.12	2.39	2.61	2.29	2.25	2.32	2.39	2.45	2.64	2.97	2.90	3.87	4.31	3.29	2.96	2.53	2.33	2.25
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.09	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	24.36	22.18	21.19	21.14	21.90	23.99	31.55	40.35	35.22	29.26	27.02	27.02	27.47	28.83	30.69	34.99	39.57	52.17	59.56	47.70	38.68	33.02	28.53	25.71
	1.99	1.79	1.69	1.65	1.71	1.67	2.12	2.39	2.61	2.29	2.25	2.32	2.39	2.45	2.64	2.97	2.90	3.87	4.31	3.29	2.96	2.53	2.33	2.25
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.09	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
NYPA_KENT____GT 24152	24.36	22.18	21.23	21.18	21.92	24.08	31.73	40.66	35.49	29.43	27.20	27.20	27.66	29.02	30.89	35.25	39.84	52.56	60.01	48.02	38.98	33.23	28.66	25.74
	1.99	1.79	1.73	1.69	1.74	1.76	2.30	2.70	2.87	2.45	2.43	2.49	2.56	2.64	2.83	3.22	3.16	4.25	4.75	3.60	3.25	2.75	2.46	2.27
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	24.47	22.30	21.35	21.32	22.07	24.19	31.81	39.28	35.36	29.30	27.07	27.07	27.53	28.92	30.78	35.16	39.64	52.36	59.72	47.84	38.83	33.29	28.79	25.86
	2.10	1.91	1.85	1.83	1.88	1.87	2.38	2.50	2.74	2.32	2.30	2.37	2.43	2.53	2.72	3.13	2.97	4.06	4.47	3.42	3.11	2.80	2.59	2.39
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.01	0.01	0.01	0.01	0.01	0.00	0.00	-0.01
NYPA_VERNON____GT2 24162	24.29	22.11	21.18	21.13	21.86	24.03	31.67	40.66	35.45	29.43	27.20	27.20	27.63	29.02	30.87	35.19	39.87	52.56	60.01	48.07	38.91	33.17	28.60	25.66
	1.92	1.73	1.68	1.64	1.67	1.72	2.24	2.70	2.84	2.45	2.43	2.49	2.53	2.64	2.81	3.16	3.19	4.25	4.75	3.64	3.18	2.68	2.41	2.20
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	24.29	22.11	21.18	21.13	21.86	24.03	31.67	40.66	35.45	29.43	27.20	27.20	27.63	29.02	30.87	35.19	39.87	52.56	60.01	48.07	38.91	33.17	28.60	25.66
	1.92	1.73	1.68	1.64	1.67	1.72	2.24	2.70	2.84	2.45	2.43	2.49	2.53	2.64	2.81	3.16	3.19	4.25	4.75	3.64	3.18	2.68	2.41	2.20
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__ASTORIA_CC1 323568	24.26	22.09	21.15	21.13	21.86	24.01	31.64	40.58	35.39	29.38	27.15	27.15	27.61	28.97	30.81	35.12	39.80	52.46	59.84	47.93	38.83	33.11	28.55	25.64
	1.90	1.71	1.66	1.64	1.67	1.70	2.21	2.62	2.77	2.40	2.38	2.45	2.51	2.59	2.75	3.10	3.12	4.16	4.58	3.51	3.11	2.62	2.36	2.18
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__ASTORIA_CC2 323569	24.26	22.09	21.15	21.13	21.86	24.01	31.64	40.58	35.39	29.38	27.15	27.15	27.61	28.97	30.81	35.12	39.80	52.46	59.84	47.93	38.83	33.11	28.55	25.64
	1.90	1.71	1.66	1.64	1.67	1.70	2.21	2.62	2.77	2.40	2.38	2.45	2.51	2.59	2.75	3.10	3.12	4.16	4.58	3.51	3.11	2.62	2.36	2.18
	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HOLTSVILL 23794	24.58	22.25	21.22	21.18	22.02	24.44	31.25	32.85	32.27	29.14	27.05	27.15	27.48	28.60	29.36	32.89	37.87	51.54	56.23	46.77	38.15	32.56	28.45	26.00
	2.21	1.87	1.73	1.69	1.84	2.12	1.83	1.90	2.06	2.16	2.28	2.45	2.39	2.22	1.99	2.30	2.38	3.24	3.65	2.67	2.43	2.07	2.25	2.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	7.01	2.40	0.00	0.00	0.00	0.00	0.00	0.69	1.33	1.19	0.01	2.67	0.32	0.01	0.00	0.00	-0.01
NYPA__HELLGATE_GT1 24158	24.36	22.18	21.19	21.14	21.90	23.99	31.55	40.35	35.22	29.26	27.02	27.02	27.47	28.83	30.69	34.99	39.61	52.21	59.61	47.75	38.68	33.02	28.53	25.71
	1.99	1.79	1.69	1.65	1.71	1.67	2.12	2.39	2.61	2.29	2.25	2.32	2.39	2.45	2.64	2.97	2.94	3.91	4.36	3.33	2.96	2.53	2.33	2.25
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.09	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
NYPA__HELLGATE_GT2 24159	24.36	22.18	21.19	21.14	21.90	23.99	31.55	40.35	35.22	29.26	27.02	27.02	27.47	28.83	30.69	34.99	39.61	52.21	59.61	47.75	38.68	33.02	28.53	25.71
	1.99	1.79	1.69	1.65	1.71	1.67	2.12	2.39	2.61	2.29	2.25	2.32	2.39	2.45	2.64	2.97	2.94	3.91	4.36	3.33	2.96	2.53	2.33	2.25
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.09	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
NYS_BARGE__HYD 23848	21.11	19.29	18.38	18.47	19.17	21.15	27.81	35.38	30.20	25.52	23.51	23.34	23.54	25.01	26.49	29.58	33.86	41.65	48.54	40.58	32.69	28.45	24.47	22.28
	-1.25	-1.08	-1.11	-1.01	-1.01	-1.16	-1.62	-2.58	-2.41	-1.46	-1.26	-1.36	-1.56	-1.37	-1.57	-2.36	-2.82	-5.17	-5.58	-3.69	-3.04	-2.04	-1.73	-1.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	1.49	1.14	0.15	0.00	0.00	0.00	0.00



OAK ORCHARD___HYD 24046	21.63 -0.74 0.00	19.74 -0.63 0.00	18.83 -0.66 0.00	18.86 -0.62 0.00	19.55 -0.63 0.00	21.62 -0.69 0.00	28.52 -0.91 0.00	36.67 -1.29 0.00	31.34 -1.27 0.00	26.22 -0.76 0.00	24.05 -0.72 0.00	23.96 -0.74 0.00	24.24 -0.85 0.00	25.62 -0.77 0.00	27.16 -0.90 0.00	30.79 -1.15 -0.01	35.11 -1.58 0.00	44.20 -2.51 1.59	51.39 -2.65 1.22	42.57 -1.69 0.16	34.19 -1.54 0.00	29.45 -1.04 0.00	25.23 -0.97 0.00	22.73 -0.73 0.00
OAKDALE___35_KV_LOAD 356122	22.86 0.49 0.00	20.84 0.47 0.00	19.92 0.43 0.00	19.93 0.45 0.00	20.70 0.52 0.00	22.87 0.56 0.00	30.08 0.65 0.00	38.68 0.72 0.00	33.14 0.52 0.00	27.60 0.62 0.00	25.34 0.57 0.00	25.25 0.54 0.00	25.57 0.48 0.00	27.02 0.63 0.00	28.71 0.65 0.00	32.39 0.42 -0.05	37.38 0.70 0.00	47.86 0.14 0.59	55.14 0.33 0.45	44.98 0.62 0.06	36.23 0.50 0.00	31.07 0.58 0.00	26.77 0.58 0.00	24.04 0.59 0.00
OCC_CHEM___DRP 24175	20.84 -1.52 0.00	18.99 -1.39 0.00	18.17 -1.33 0.00	18.10 -1.38 0.00	18.93 -1.25 0.00	20.73 -1.58 0.00	27.22 -2.21 0.00	34.62 -3.34 0.00	29.68 -2.94 0.00	25.12 -1.86 0.00	23.14 -1.63 0.00	23.00 -1.70 0.00	23.19 -1.91 0.00	24.59 -1.79 0.00	26.04 -2.02 0.00	29.17 -2.78 -0.02	33.31 -3.37 0.00	41.08 -5.75 1.48	47.82 -6.30 1.13	39.87 -4.40 0.15	32.12 -3.61 0.00	27.90 -2.59 0.00	24.10 -2.10 0.00	21.91 -1.55 0.00
OH_GEN_PROXY 24063	21.02 -1.34 0.00	19.25 -1.12 0.00	18.32 -1.17 0.00	18.41 -1.07 0.00	19.09 -1.09 0.00	21.07 -1.25 0.00	27.63 -1.80 0.00	35.11 -2.85 0.00	30.01 -2.61 0.00	25.36 -1.62 0.00	23.36 -1.41 0.00	23.22 -1.48 0.00	23.42 -1.68 0.00	24.83 -1.56 0.00	26.29 -1.77 0.00	29.46 -2.49 -0.02	33.67 -3.01 0.00	41.64 -5.17 1.50	48.42 -5.69 1.15	40.40 -3.87 0.15	32.51 -3.22 0.00	28.32 -2.16 0.00	24.36 -1.83 0.00	22.19 -1.27 0.00
OLIN_CORP_DRP 24177	20.82 -1.54 0.00	18.99 -1.39 0.00	18.15 -1.34 0.00	18.08 -1.40 0.00	18.91 -1.27 0.00	20.73 -1.58 0.00	27.22 -2.21 0.00	34.66 -3.30 0.00	29.71 -2.90 0.00	25.12 -1.86 0.00	23.14 -1.63 0.00	23.00 -1.70 0.00	23.19 -1.91 0.00	24.59 -1.79 0.00	26.07 -1.99 0.00	29.14 -2.81 -0.02	33.34 -3.34 0.00	41.00 -5.85 1.46	47.73 -6.41 1.12	39.92 -4.35 0.15	32.15 -3.57 0.00	27.90 -2.59 0.00	24.13 -2.07 0.00	21.91 -1.55 0.00
OLIN_CORP_DSASP 323712	20.84 -1.52 0.00	19.07 -1.30 0.00	18.16 -1.33 0.00	18.25 -1.23 0.00	18.93 -1.25 0.00	20.86 -1.45 0.00	27.37 -2.06 0.00	34.70 -3.26 0.00	29.68 -2.94 0.00	25.12 -1.86 0.00	23.13 -1.64 0.00	23.00 -1.70 0.00	23.19 -1.91 0.00	24.62 -1.77 0.00	26.04 -2.02 0.00	29.17 -2.78 -0.02	33.31 -3.37 0.00	41.08 -5.75 1.48	47.82 -6.30 1.13	39.87 -4.40 0.15	32.12 -3.61 0.00	27.99 -2.50 0.00	24.10 -2.10 0.00	21.98 -1.48 0.00
ONEIDA_HERK_LFGE 323681	22.68 0.31 0.00	20.64 0.26 0.00	19.74 0.25 0.00	19.66 0.25 0.08	20.99 0.28 -0.53	23.29 0.40 -0.57	30.79 0.65 -0.71	39.82 0.99 -0.87	33.93 0.69 -0.63	27.44 0.46 0.00	25.07 0.30 0.00	24.97 0.27 0.00	25.73 0.15 -0.48	27.22 0.19 -0.65	28.99 0.25 -0.68	32.88 0.19 -0.76	37.27 0.59 0.00	49.45 0.92 -0.23	57.44 1.00 -1.18	46.11 0.71 -0.98	36.33 0.61 0.00	31.10 0.61 0.00	26.61 0.42 0.00	23.76 0.30 0.00
ONEIDA___115KV_TB4 55905	22.81 0.45 0.00	20.76 0.39 0.00	19.84 0.35 0.00	19.83 0.35 0.00	20.56 0.38 0.00	22.81 0.49 0.00	30.22 0.79 0.00	39.25 1.29 0.00	33.56 0.95 0.00	27.68 0.70 0.00	25.29 0.52 0.00	25.20 0.49 0.00	25.45 0.35 0.00	26.83 0.45 0.00	28.56 0.51 0.00	32.32 0.38 0.00	37.27 0.59 0.00	48.85 0.82 0.28	56.04 0.99 0.22	45.33 0.93 0.03	36.48 0.75 0.00	31.19 0.70 0.00	26.72 0.52 0.00	23.88 0.42 0.00
ONONDAGA_REF_OCCRA 23987	22.05 -0.31 0.00	20.07 -0.31 0.00	19.20 -0.29 0.00	19.19 -0.29 0.00	19.88 -0.30 0.00	21.98 -0.33 0.00	29.08 -0.35 0.00	37.43 -0.53 0.00	32.10 -0.52 0.00	26.58 -0.40 0.00	24.35 -0.42 0.00	24.28 -0.42 0.00	24.62 -0.48 0.00	25.94 -0.45 0.00	27.55 -0.51 0.00	31.36 -0.57 -0.01	35.95 -0.73 0.00	46.97 -0.97 0.38	54.03 -0.94 0.29	43.72 -0.67 0.04	35.23 -0.50 0.00	30.06 -0.43 0.00	25.83 -0.37 0.00	23.06 -0.40 0.00
ONONDAGA___COGEN 23986	22.10 -0.27 0.00	20.11 -0.26 0.00	19.24 -0.25 0.00	19.23 -0.25 0.00	19.92 -0.26 0.00	22.00 -0.31 0.00	29.11 -0.32 0.00	37.47 -0.49 0.00	32.13 -0.49 0.00	26.60 -0.38 0.00	24.37 -0.40 0.00	24.31 -0.40 0.00	24.67 -0.43 0.00	25.96 -0.42 0.00	27.61 -0.45 0.00	31.39 -0.54 -0.01	36.02 -0.66 0.00	47.44 -0.87 0.00	54.37 -0.88 0.00	43.85 -0.58 0.00	35.26 -0.46 0.00	30.09 -0.40 0.00	25.85 -0.34 0.00	23.08 -0.38 0.00
ONTARIO___LFGE 23819	22.25 -0.11 0.00	20.27 -0.10 0.00	19.36 -0.14 0.00	19.38 -0.10 0.00	20.12 -0.06 0.00	22.29 -0.02 0.00	29.49 0.06 0.00	37.81 -0.15 0.00	32.36 -0.26 0.00	26.95 -0.03 0.00	24.67 -0.10 0.00	24.55 -0.15 0.00	24.85 -0.25 0.00	26.28 -0.11 0.00	27.89 -0.17 0.00	31.53 -0.42 -0.01	36.28 -0.40 0.00	46.10 -1.26 0.95	53.48 -1.05 0.73	43.88 -0.44 0.10	35.44 -0.29 0.00	30.40 -0.09 0.00	26.07 -0.13 0.00	23.36 -0.09 0.00
ORANGEVILLE_WT_PWR 323706	21.49 -0.87 0.00	19.62 -0.75 0.00	18.71 -0.78 0.00	18.80 -0.68 0.00	19.53 -0.65 0.00	21.56 -0.76 0.00	28.37 -1.06 0.00	36.10 -1.86 0.00	30.72 -1.89 0.00	25.87 -1.11 0.00	23.80 -0.97 0.00	23.64 -1.06 0.00	23.84 -1.25 0.00	25.38 -1.00 0.00	26.94 -1.12 0.00	30.00 -1.95 -0.02	34.59 -2.09 0.00	42.70 -4.35 1.26	49.76 -4.53 0.97	41.45 -2.84 0.13	33.51 -2.22 0.00	29.09 -1.40 0.00	25.07 -1.13 0.00	22.78 -0.68 0.00
ORANGEVILLE___ESR 323794	21.49 -0.87 0.00	19.62 -0.75 0.00	18.71 -0.78 0.00	18.80 -0.68 0.00	19.53 -0.65 0.00	21.56 -0.76 0.00	28.37 -1.06 0.00	36.10 -1.86 0.00	30.72 -1.89 0.00	25.87 -1.11 0.00	23.80 -0.97 0.00	23.64 -1.06 0.00	23.84 -1.25 0.00	25.38 -1.00 0.00	26.94 -1.12 0.00	30.00 -1.95 -0.02	34.59 -2.09 0.00	42.70 -4.35 1.26	49.76 -4.53 0.97	41.45 -2.84 0.13	33.51 -2.22 0.00	29.09 -1.40 0.00	25.07 -1.13 0.00	22.78 -0.68 0.00
OSWEGATCHIE___HYD 24044	22.21 -0.16 0.00	20.21 -0.16 0.00	19.33 -0.16 0.00	18.68 -0.16 0.64	22.74 -0.10 -2.66	25.19 0.00 -2.88	33.12 0.12 -3.57	42.61 0.27 -4.38	35.77 0.00 -3.15	26.76 -0.22 0.00	24.50 -0.27 0.00	24.41 -0.30 0.00	27.16 -0.35 -2.42	29.31 -0.34 -3.27	31.15 -0.34 -3.43	35.32 -0.42 -3.81	36.66 -0.04 -0.02	49.60 0.15 -1.14	61.21 0.00 -5.95	49.20 -0.18 -4.95	35.58 -0.14 0.00	30.46 -0.03 0.00	26.04 -0.16 0.00	23.32 -0.14 0.00
OSWEGO___5 23606	21.78 -0.58 0.00	19.87 -0.51 0.00	18.98 -0.51 0.00	19.00 -0.49 0.00	19.66 -0.52 0.00	21.73 -0.58 0.00	28.64 -0.79 0.00	36.90 -1.06 0.00	31.67 -0.95 0.00	26.22 -0.76 0.00	24.05 -0.72 0.00	23.99 -0.72 0.00	24.34 -0.75 0.00	25.62 -0.77 0.00	27.22 -0.84 0.00	30.98 -0.96 0.00	35.51 -1.18 0.00	51.23 -1.55 -4.47	56.97 -1.71 -3.42	43.59 -1.29 -0.46	34.69 -1.04 0.00	29.63 -0.85 0.00	25.46 -0.73 0.00	22.78 -0.68 0.00



OSWEGO___6 23613	21.78 -0.58 0.00	19.87 -0.51 0.00	18.98 -0.51 0.00	19.00 -0.49 0.00	19.66 -0.52 0.00	21.73 -0.58 0.00	28.64 -0.79 0.00	36.90 -1.06 0.00	31.67 -0.95 0.00	26.22 -0.76 0.00	24.05 -0.72 0.00	23.99 -0.72 0.00	24.34 -0.75 0.00	25.62 -0.77 0.00	27.22 -0.84 0.00	30.98 -0.96 0.00	35.51 -1.18 0.00	51.23 -1.55 -4.47	56.97 -1.71 -3.42	43.59 -1.29 -0.46	34.69 -1.04 0.00	29.63 -0.85 0.00	25.46 -0.73 0.00	22.78 -0.68 0.00
OUTOKUMPU-AB___DRP 24206	21.31 -1.05 0.00	19.42 -0.96 0.00	18.57 -0.92 0.00	18.51 -0.97 0.00	19.37 -0.81 0.00	21.27 -1.05 0.00	27.96 -1.47 0.00	35.65 -2.32 0.00	30.50 -2.12 0.00	25.82 -1.16 0.00	23.78 -0.99 0.00	23.64 -1.06 0.00	23.82 -1.28 0.00	25.30 -1.08 0.00	26.83 -1.23 0.00	29.90 -2.04 -0.02	34.26 -2.42 0.00	42.07 -4.78 1.45	49.06 -5.08 1.11	40.94 -3.33 0.15	32.98 -2.75 0.00	28.60 -1.89 0.00	24.73 -1.47 0.00	22.45 -1.01 0.00
OXBOW___BTM 323836	21.11 -1.25 0.00	19.31 -1.06 0.00	18.40 -1.09 0.00	18.49 -0.99 0.00	19.17 -1.01 0.00	21.15 -1.16 0.00	27.78 -1.65 0.00	35.30 -2.66 0.00	30.17 -2.45 0.00	25.52 -1.46 0.00	23.53 -1.24 0.00	23.37 -1.33 0.00	23.57 -1.53 0.00	25.04 -1.34 0.00	26.49 -1.57 0.00	29.58 -2.36 -0.02	33.86 -2.82 0.00	41.67 -5.17 1.47	48.55 -5.58 1.12	40.50 -3.78 0.15	32.62 -3.11 0.00	28.41 -2.07 0.00	24.47 -1.73 0.00	22.28 -1.17 0.00
OXBOW____ 24026	21.11 -1.25 0.00	19.23 -1.14 0.00	18.40 -1.09 0.00	18.33 -1.15 0.00	19.17 -1.01 0.00	21.04 -1.27 0.00	27.63 -1.80 0.00	35.19 -2.77 0.00	30.17 -2.45 0.00	25.52 -1.46 0.00	23.53 -1.24 0.00	23.37 -1.33 0.00	23.57 -1.53 0.00	25.01 -1.37 0.00	26.49 -1.57 0.00	29.58 -2.36 -0.02	33.86 -2.82 0.00	41.67 -5.17 1.47	48.55 -5.58 1.12	40.50 -3.78 0.15	32.62 -3.11 0.00	28.29 -2.20 0.00	24.47 -1.73 0.00	22.21 -1.24 0.00
OXY_CHEM_DSASP 323612	20.84 -1.52 0.00	18.99 -1.39 0.00	18.17 -1.33 0.00	18.10 -1.38 0.00	18.93 -1.25 0.00	20.73 -1.58 0.00	27.22 -2.21 0.00	34.62 -3.34 0.00	29.68 -2.94 0.00	25.12 -1.86 0.00	23.14 -1.63 0.00	23.00 -1.70 0.00	23.19 -1.91 0.00	24.59 -1.79 0.00	26.04 -2.02 0.00	29.17 -2.78 -0.02	33.31 -3.37 0.00	41.08 -5.75 1.48	47.82 -6.30 1.13	39.87 -4.40 0.15	32.12 -3.61 0.00	27.90 -2.59 0.00	24.10 -2.10 0.00	21.91 -1.55 0.00
OZONE_PARK_ESR 323760	24.33 1.97 0.00	22.15 1.77 0.00	21.21 1.72 0.00	21.20 1.71 0.00	21.88 1.70 0.00	24.17 1.85 0.00	31.75 2.32 0.00	41.04 3.07 0.00	35.72 3.10 0.00	29.65 2.67 0.00	27.37 2.60 0.00	27.35 2.64 0.00	27.81 2.71 0.00	29.21 2.82 0.00	31.06 3.00 0.00	35.41 3.38 -0.10	40.28 3.59 0.00	53.09 4.78 0.00	60.67 5.42 0.00	48.60 4.18 0.00	39.26 3.54 0.00	33.45 2.96 0.00	28.74 2.54 0.00	25.71 2.25 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	20.84 -1.52 0.00	18.99 -1.39 0.00	18.17 -1.33 0.00	18.10 -1.38 0.00	18.93 -1.25 0.00	20.73 -1.58 0.00	27.22 -2.21 0.00	34.62 -3.34 0.00	29.68 -2.94 0.00	25.12 -1.86 0.00	23.14 -1.63 0.00	23.00 -1.70 0.00	23.19 -1.91 0.00	24.59 -1.79 0.00	26.04 -2.02 0.00	29.17 -2.78 -0.02	33.31 -3.37 0.00	41.08 -5.75 1.48	47.82 -6.30 1.13	39.87 -4.40 0.15	32.12 -3.61 0.00	27.90 -2.59 0.00	24.10 -2.10 0.00	21.91 -1.55 0.00
PACKARD___115KV_DUPONT_184 80571	20.84 -1.52 0.00	18.99 -1.39 0.00	18.17 -1.33 0.00	18.10 -1.38 0.00	18.93 -1.25 0.00	20.73 -1.58 0.00	27.22 -2.21 0.00	34.62 -3.34 0.00	29.68 -2.94 0.00	25.12 -1.86 0.00	23.14 -1.63 0.00	23.00 -1.70 0.00	23.19 -1.91 0.00	24.59 -1.79 0.00	26.04 -2.02 0.00	29.17 -2.78 -0.02	33.31 -3.37 0.00	41.08 -5.75 1.48	47.82 -6.30 1.13	39.87 -4.40 0.15	32.12 -3.61 0.00	27.90 -2.59 0.00	24.10 -2.10 0.00	21.91 -1.55 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	24.38 2.01 0.00	22.20 1.81 -0.01	21.19 1.70 -0.01	21.20 1.71 -0.01	21.90 1.72 -0.01	24.06 1.74 0.00	31.49 2.06 0.00	40.43 2.47 0.00	35.26 2.64 0.00	29.30 2.32 0.00	27.05 2.28 0.00	27.05 2.35 0.00	27.51 2.41 0.00	28.87 2.48 0.00	30.70 2.64 0.00	35.03 3.00 -0.10	39.65 2.97 0.00	52.27 3.96 0.00	59.68 4.42 0.00	47.80 3.38 0.00	38.69 2.97 0.00	33.08 2.59 0.00	28.55 2.36 0.00	25.71 2.25 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	24.53 2.17 0.00	22.34 1.96 -0.01	21.35 1.85 -0.01	21.36 1.87 -0.01	22.06 1.88 -0.01	24.21 1.90 0.00	31.73 2.30 0.00	40.69 2.73 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.66 2.56 0.00	29.02 2.64 0.00	30.87 2.81 0.00	35.19 3.16 -0.10	39.87 3.19 0.00	52.56 4.25 0.00	60.01 4.75 0.00	48.07 3.64 0.00	38.94 3.22 0.00	33.29 2.80 0.00	28.74 2.54 0.00	25.87 2.42 0.00
PATROON___115KV_TB1 80586	23.19 0.83 0.00	21.17 0.79 0.00	20.29 0.80 0.00	20.26 0.78 0.00	20.93 0.75 0.00	23.14 0.83 0.00	30.58 1.15 0.00	39.59 1.63 0.00	34.18 1.57 0.00	28.14 1.16 0.00	25.79 1.02 0.00	25.74 1.04 0.00	26.23 1.13 0.00	27.47 1.08 0.00	29.27 1.21 0.00	33.49 1.50 -0.06	38.48 1.80 0.00	50.87 2.56 0.00	58.13 2.87 0.00	46.60 2.18 0.00	37.55 1.82 0.00	31.89 1.40 0.00	27.37 1.18 0.00	24.44 0.99 0.00
PATTRSNVILLE___SOLAR 323815	23.53 1.16 0.00	21.45 1.08 0.00	20.48 0.99 0.00	20.46 0.97 0.00	21.21 1.03 0.00	23.47 1.16 0.00	31.05 1.62 0.00	40.09 2.12 0.00	34.41 1.79 0.00	28.25 1.27 0.00	25.76 0.99 0.00	25.69 0.99 0.00	26.18 1.08 0.00	27.44 1.06 0.00	29.29 1.23 0.00	33.59 1.63 -0.03	38.81 2.13 0.00	51.35 3.05 0.00	58.80 3.54 0.00	47.22 2.80 0.00	38.02 2.29 0.00	32.29 1.80 0.00	27.69 1.49 0.00	24.77 1.31 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	21.65 -0.72 0.00	19.74 -0.63 0.00	18.89 -0.60 0.00	18.84 -0.64 0.00	19.70 -0.48 0.00	21.67 -0.65 0.00	28.52 -0.91 0.00	36.25 -1.71 0.00	30.95 -1.66 0.00	26.14 -0.84 0.00	24.10 -0.67 0.00	23.94 -0.77 0.00	24.12 -0.98 0.00	25.70 -0.69 0.00	27.22 -0.84 0.00	29.84 -2.11 -0.02	34.92 -1.76 0.00	42.01 -4.93 1.37	49.01 -5.19 1.05	41.13 -3.15 0.14	33.51 -2.22 0.00	29.02 -1.46 0.00	25.10 -1.10 0.00	22.82 -0.63 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	24.15 1.79 0.00	21.96 1.59 0.00	20.99 1.50 0.00	21.02 1.54 0.00	21.71 1.53 0.00	24.01 1.70 0.00	31.55 2.12 0.00	40.92 2.96 0.00	35.42 2.81 0.00	29.30 2.32 0.00	27.00 2.23 0.00	27.00 2.30 0.00	27.43 2.33 0.00	28.79 2.40 0.00	30.67 2.61 0.00	35.03 3.00 -0.10	40.02 3.34 0.00	52.75 4.44 0.00	60.34 5.08 0.00	48.29 3.86 0.00	38.94 3.22 0.00	33.14 2.65 0.00	28.47 2.28 0.00	25.47 2.02 0.00
PEEKSKILL____ 23653	23.98 1.61 0.00	21.80 1.43 0.00	20.87 1.38 0.00	20.84 1.36 0.00	21.59 1.41 0.00	23.83 1.52 0.00	31.37 1.94 0.00	40.50 2.54 0.00	35.10 2.48 0.00	29.11 2.13 0.00	26.83 2.05 0.00	26.83 2.12 0.00	27.26 2.16 0.00	28.60 2.22 0.00	30.42 2.36 0.00	34.74 2.71 -0.10	39.65 2.97 0.00	52.22 3.91 0.00	59.68 4.42 0.00	47.84 3.42 0.00	38.55 2.82 0.00	32.84 2.35 0.00	28.24 2.04 0.00	25.31 1.85 0.00



PGE MADISON___WINDPWR 24146	23.59 1.23 0.00	21.43 1.06 0.00	20.41 0.92 0.00	20.46 0.97 0.00	21.21 1.03 0.00	23.61 1.29 0.00	31.52 2.09 0.00	40.66 2.70 0.00	34.44 1.83 0.00	28.30 1.32 0.00	25.69 0.92 0.00	25.59 0.89 0.00	25.62 0.53 0.00	27.12 0.74 0.00	28.96 0.90 0.00	32.86 0.89 -0.04	38.37 1.69 0.00	50.21 2.32 0.41	57.76 2.82 0.32	47.23 2.85 0.04	38.02 2.29 0.00	32.65 2.16 0.00	27.82 1.62 0.00	24.75 1.29 0.00
PIERCEFIELD___HYD 23852	22.10 -0.27 0.00	20.12 -0.24 0.01	19.23 -0.25 0.01	18.28 -0.23 0.97	23.92 -0.18 -3.93	26.49 -0.07 -4.24	34.67 -0.03 -5.27	44.46 0.04 -6.46	37.03 -0.23 -4.65	26.66 -0.32 0.00	24.50 -0.27 0.00	24.38 -0.32 0.00	28.41 -0.25 -3.56	30.93 -0.26 -4.81	32.83 -0.28 -5.05	37.22 -0.32 -5.61	36.64 -0.07 -0.03	49.99 0.00 -1.69	63.76 -0.28 -8.77	44.02 -0.40 0.00	35.44 -0.29 0.00	30.18 -0.30 0.00	25.88 -0.31 0.00	23.24 -0.21 0.00
PINELAWN_CC_1 323563	24.51 2.15 0.00	22.19 1.81 0.00	21.19 1.69 0.00	21.14 1.65 0.00	21.96 1.78 0.00	24.35 2.03 0.00	31.33 1.91 0.01	33.83 2.12 6.26	32.72 2.25 2.14	29.25 2.27 0.00	27.12 2.35 0.00	27.22 2.52 0.00	27.56 2.46 0.00	28.71 2.32 0.00	29.66 2.22 0.62	33.24 2.49 1.18	38.29 2.68 1.07	51.92 3.62 0.01	56.96 4.09 2.39	47.25 3.11 0.28	38.43 2.71 0.01	32.80 2.32 0.00	28.53 2.33 0.00	25.95 2.49 -0.01
PJM_GEN_HTP_PROXY 323702	24.11 1.75 0.00	21.94 1.57 0.00	21.01 1.52 0.00	20.96 1.48 0.00	21.69 1.51 0.00	23.92 1.61 0.00	31.58 2.15 0.00	40.70 2.73 0.00	35.39 2.77 0.00	29.35 2.37 0.00	27.10 2.33 0.00	27.10 2.40 0.00	27.53 2.43 0.00	28.89 2.51 0.00	30.73 2.67 0.00	35.06 3.03 -0.10	39.91 3.23 0.00	52.61 4.30 0.00	60.06 4.81 0.00	48.11 3.69 0.00	38.87 3.14 0.00	33.05 2.56 0.00	28.45 2.25 0.00	25.47 2.02 0.00
PJM_GEN_KEystone 24065	22.68 0.31 0.00	20.70 0.32 0.00	19.78 0.29 0.00	19.79 0.31 0.00	20.54 0.36 0.00	22.67 0.36 0.00	29.81 0.38 0.00	38.11 0.23 0.08	32.78 0.16 0.00	27.41 0.43 0.00	25.24 0.47 0.00	25.15 0.45 0.00	25.47 0.38 0.00	26.91 0.53 0.00	28.59 0.53 0.00	32.21 0.23 -0.06	37.05 0.37 0.00	47.27 -0.34 0.70	54.50 -0.22 0.54	44.51 0.13 0.05	35.81 0.11 0.02	30.79 0.30 0.00	26.48 0.29 0.00	23.93 0.47 0.00
PJM_GEN_NEPTUNE_PROXY 323594	24.20 1.83 0.00	21.94 1.57 0.00	20.97 1.48 0.00	20.94 1.46 0.00	21.71 1.53 0.00	24.03 1.72 0.00	31.19 1.77 0.01	32.39 2.05 7.62	32.16 2.15 2.61	29.11 2.13 0.00	26.95 2.18 0.00	27.00 2.30 0.00	27.38 2.28 0.00	28.60 2.22 0.00	29.47 2.16 0.75	32.90 2.43 1.46	37.99 2.60 1.30	51.82 3.52 0.01	56.33 3.98 2.91	47.06 2.98 0.34	38.29 2.57 0.01	32.65 2.16 0.00	28.29 2.10 0.00	25.60 2.13 -0.01
PJM_GEN_VFT_PROXY 323633	24.04 1.68 0.00	21.88 1.51 0.00	20.95 1.46 0.00	20.90 1.42 0.00	21.63 1.45 0.00	23.83 1.52 0.00	31.46 2.03 0.00	39.32 2.54 1.18	35.26 2.64 0.00	29.30 2.32 0.00	27.05 2.28 0.00	27.05 2.35 0.00	27.51 2.41 0.00	28.87 2.48 0.00	30.70 2.64 0.00	35.00 2.97 -0.10	39.72 3.04 0.00	52.41 4.10 0.00	59.84 4.58 0.00	47.89 3.47 0.00	38.76 3.04 0.00	32.99 2.50 0.00	28.37 2.17 0.00	25.40 1.95 0.00
PLATSBURG_115KV_PMLD1 355749	22.12 -0.25 0.00	20.08 -0.29 0.01	19.11 -0.37 0.01	17.85 -0.43 1.20	-7.07 -0.38 26.86	-7.02 -0.29 29.04	-6.99 -0.38 36.03	-6.68 -0.42 44.22	0.21 -0.62 31.79	26.47 -0.51 0.00	24.47 -0.30 0.00	23.94 -0.77 0.00	0.11 -0.63 24.36	-7.21 -0.66 32.94	-7.22 -0.70 34.58	-7.26 -0.80 38.39	35.67 -0.81 0.20	35.70 -1.06 11.55	-6.12 -1.33 60.05	43.58 -0.84 0.00	35.16 -0.57 0.00	29.85 -0.64 0.00	25.62 -0.58 0.00	23.08 -0.38 0.00
PLEASANTVLY___LBMP 24000	23.84 1.48 0.00	21.72 1.34 0.00	20.78 1.29 0.00	20.79 1.31 0.00	21.47 1.29 0.00	23.74 1.43 0.00	31.17 1.74 0.00	40.35 2.39 0.00	34.97 2.35 0.00	28.95 1.97 0.00	26.68 1.91 0.00	26.65 1.95 0.00	27.08 1.98 0.00	28.42 2.03 0.00	30.22 2.16 0.00	34.52 2.49 -0.10	39.43 2.75 0.00	51.98 3.67 0.00	59.40 4.14 0.00	47.58 3.15 0.00	38.37 2.64 0.00	32.68 2.20 0.00	28.11 1.91 0.00	25.14 1.69 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.02 1.66 0.00	21.86 1.49 0.00	20.91 1.42 0.00	20.92 1.44 0.00	21.61 1.43 0.00	23.88 1.56 0.00	31.34 1.91 0.00	40.58 2.62 0.00	35.19 2.58 0.00	29.19 2.21 0.00	26.90 2.13 0.00	26.90 2.20 0.00	27.33 2.23 0.00	28.71 2.32 0.00	30.53 2.47 0.00	34.84 2.81 -0.10	39.76 3.08 0.00	52.41 4.11 0.00	59.84 4.59 0.00	47.93 3.51 0.00	38.66 2.93 0.00	32.96 2.47 0.00	28.32 2.12 0.00	25.36 1.90 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.02 1.66 0.00	21.86 1.49 0.00	20.91 1.42 0.00	20.92 1.44 0.00	21.61 1.43 0.00	23.88 1.56 0.00	31.34 1.91 0.00	40.58 2.62 0.00	35.19 2.58 0.00	29.19 2.21 0.00	26.90 2.13 0.00	26.90 2.20 0.00	27.33 2.23 0.00	28.71 2.32 0.00	30.53 2.47 0.00	34.84 2.81 -0.10	39.76 3.08 0.00	52.41 4.11 0.00	59.84 4.59 0.00	47.93 3.51 0.00	38.66 2.93 0.00	32.96 2.47 0.00	28.32 2.12 0.00	25.36 1.90 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.93 1.57 0.00	21.80 1.43 0.00	20.86 1.36 0.00	20.85 1.36 0.00	21.55 1.37 0.00	23.81 1.50 0.00	31.31 1.88 0.00	40.58 2.62 0.00	35.10 2.48 0.00	29.06 2.08 0.00	26.75 1.98 0.00	26.70 2.00 0.00	27.16 2.06 0.00	28.47 2.08 0.00	30.30 2.24 0.00	34.68 2.65 -0.10	39.62 2.93 0.00	52.27 3.96 0.00	59.68 4.42 0.00	47.84 3.42 0.00	38.59 2.86 0.00	32.84 2.35 0.00	28.21 2.02 0.00	25.24 1.78 0.00
POLETTI___ 23519	24.15 1.79 0.00	22.00 1.63 0.00	21.05 1.56 0.00	21.06 1.58 0.00	21.73 1.55 0.00	23.99 1.67 0.00	31.52 2.09 0.00	40.69 2.73 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.87 3.14 0.00	33.14 2.65 0.00	28.50 2.31 0.00	25.50 2.04 0.00
POMONA___ESR 323819	23.84 1.48 0.00	21.72 1.34 0.00	20.78 1.29 0.00	20.77 1.29 0.00	21.51 1.33 0.00	23.74 1.43 0.00	31.26 1.83 0.00	40.35 2.39 0.00	34.87 2.25 0.00	28.92 1.94 0.00	26.65 1.88 0.00	26.63 1.93 0.00	27.06 1.96 0.00	28.42 2.03 0.00	30.25 2.19 0.00	34.54 2.52 -0.09	39.47 2.79 0.00	51.98 3.67 0.00	59.40 4.15 0.00	47.62 3.20 0.00	38.33 2.61 0.00	32.65 2.16 0.00	28.06 1.86 0.00	25.17 1.71 0.00
PORT_JEFF_3 23555	24.60 2.24 0.00	22.27 1.90 0.00	21.25 1.75 0.00	21.20 1.71 0.00	22.04 1.86 0.00	24.46 2.14 0.00	31.31 1.89 0.01	32.79 1.82 6.99	32.24 2.02 2.40	29.19 2.21 0.00	27.10 2.33 0.00	27.20 2.49 0.00	27.53 2.43 0.00	28.66 2.27 0.00	29.25 1.88 0.69	32.77 2.17 1.33	37.80 2.31 1.19	51.25 2.95 0.01	55.90 3.32 2.67	46.50 2.40 0.32	38.01 2.29 0.01	32.44 1.95 0.00	28.50 2.31 0.00	26.02 2.56 -0.01



PORT_JEFF_4 23616	24.60 2.24 0.00	22.27 1.90 0.00	21.25 1.75 0.00	21.20 1.71 0.00	22.04 1.86 0.00	24.46 2.14 0.00	31.31 1.89 0.01	32.79 1.82 6.99	32.24 2.02 2.40	29.19 2.21 0.00	27.10 2.33 0.00	27.20 2.49 0.00	27.53 2.43 0.00	28.66 2.27 0.00	29.25 1.88 0.69	32.77 2.17 1.33	37.80 2.31 1.19	51.25 2.95 0.01	55.90 3.32 2.67	46.50 2.40 0.32	38.01 2.29 0.01	32.44 1.95 0.00	28.50 2.31 0.00	26.02 2.56 -0.01
PORT_JEFF_IC 23713	24.62 2.26 0.00	22.31 1.94 0.00	21.28 1.79 0.00	21.27 1.79 0.00	22.06 1.88 0.00	24.55 2.23 0.00	31.08 1.65 0.00	32.89 1.90 6.97	32.32 2.09 2.38	29.25 2.27 0.00	27.12 2.35 0.00	27.25 2.54 0.00	27.58 2.48 0.00	28.73 2.35 0.00	29.34 1.96 0.68	32.88 2.27 1.32	37.92 2.42 1.18	51.40 3.09 0.00	56.09 3.48 2.65	46.65 2.53 0.31	38.12 2.39 0.00	32.65 2.16 0.00	28.55 2.36 0.00	26.04 2.58 0.00
PPL PILGRIM_ST_GT1 24216	24.62 2.26 0.00	22.29 1.91 0.00	21.28 1.79 0.00	21.24 1.75 0.00	22.06 1.88 0.00	24.48 2.16 0.00	31.39 1.97 0.01	33.20 2.12 6.88	32.48 2.22 2.36	29.30 2.32 0.00	27.20 2.43 0.00	27.30 2.59 0.00	27.63 2.53 0.00	28.73 2.35 0.00	29.57 2.19 0.68	33.11 2.49 1.31	38.04 2.53 1.17	51.44 3.14 0.01	56.11 3.48 2.63	46.73 2.62 0.31	38.43 2.71 0.01	32.78 2.29 0.00	28.60 2.41 0.00	26.09 2.63 -0.01
PPL PILGRIM_ST_GT2 24217	24.62 2.26 0.00	22.29 1.91 0.00	21.28 1.79 0.00	21.24 1.75 0.00	22.06 1.88 0.00	24.48 2.16 0.00	31.39 1.97 0.01	33.20 2.12 6.88	32.48 2.22 2.36	29.30 2.32 0.00	27.20 2.43 0.00	27.30 2.59 0.00	27.63 2.53 0.00	28.73 2.35 0.00	29.57 2.19 0.68	33.11 2.49 1.31	38.04 2.53 1.17	51.44 3.14 0.01	56.11 3.48 2.63	46.73 2.62 0.31	38.43 2.71 0.01	32.78 2.29 0.00	28.60 2.41 0.00	26.09 2.63 -0.01
PPL_SHRM_GT3 24213	24.76 2.39 0.00	22.41 2.04 0.00	21.38 1.89 0.00	21.33 1.85 0.00	22.16 1.98 0.00	24.61 2.30 0.00	31.48 2.06 0.01	33.17 2.20 6.99	32.51 2.28 2.39	29.27 2.29 0.00	27.17 2.40 0.00	27.27 2.57 0.00	27.63 2.53 0.00	28.76 2.38 0.00	29.53 2.16 0.69	33.15 2.56 1.33	38.24 2.75 1.19	52.12 3.82 0.01	56.90 4.31 2.67	47.22 3.11 0.32	38.54 2.82 0.01	32.80 2.32 0.00	28.58 2.38 0.00	26.11 2.65 -0.01
PPL_SHRM_GT4 24214	24.76 2.39 0.00	22.41 2.04 0.00	21.38 1.89 0.00	21.33 1.85 0.00	22.16 1.98 0.00	24.61 2.30 0.00	31.48 2.06 0.01	33.17 2.20 6.99	32.51 2.28 2.39	29.27 2.29 0.00	27.17 2.40 0.00	27.27 2.57 0.00	27.63 2.53 0.00	28.76 2.38 0.00	29.53 2.16 0.69	33.15 2.56 1.33	38.24 2.75 1.19	52.12 3.82 0.01	56.90 4.31 2.67	47.22 3.11 0.32	38.54 2.82 0.01	32.80 2.32 0.00	28.58 2.38 0.00	26.11 2.65 -0.01
PROJECT___ORANGE 1 24174	22.01 -0.36 0.00	20.05 -0.33 0.00	19.16 -0.33 0.00	19.15 -0.33 0.00	19.86 -0.32 0.00	21.94 -0.38 0.00	28.99 -0.44 0.00	37.32 -0.65 0.00	32.00 -0.62 0.00	26.52 -0.46 0.00	24.32 -0.45 0.00	24.23 -0.47 0.00	24.60 -0.50 0.00	25.91 -0.47 0.00	27.53 -0.53 0.00	31.33 -0.61 0.00	35.87 -0.81 0.00	46.63 -1.11 0.57	53.66 -1.16 0.43	43.57 -0.80 0.06	35.12 -0.61 0.00	30.00 -0.49 0.00	25.75 -0.45 0.00	23.01 -0.45 0.00
PROJECT___ORANGE 2 24166	22.01 -0.36 0.00	20.05 -0.33 0.00	19.16 -0.33 0.00	19.15 -0.33 0.00	19.86 -0.32 0.00	21.94 -0.38 0.00	28.99 -0.44 0.00	37.32 -0.65 0.00	32.00 -0.62 0.00	26.52 -0.46 0.00	24.32 -0.45 0.00	24.23 -0.47 0.00	24.60 -0.50 0.00	25.91 -0.47 0.00	27.53 -0.53 0.00	31.33 -0.61 0.00	35.87 -0.81 0.00	46.63 -1.11 0.57	53.66 -1.16 0.43	43.57 -0.80 0.06	35.12 -0.61 0.00	30.00 -0.49 0.00	25.75 -0.45 0.00	23.01 -0.45 0.00
PUCKETT___SOLAR 323809	23.13 0.76 0.00	21.09 0.71 0.00	20.13 0.64 0.00	20.16 0.68 0.00	20.95 0.77 0.00	23.18 0.87 0.00	30.64 1.21 0.00	39.37 1.41 0.00	33.56 0.95 0.00	27.82 0.84 0.00	25.41 0.64 0.00	25.27 0.57 0.00	25.55 0.45 0.00	27.02 0.63 0.00	28.73 0.67 0.00	32.52 0.54 -0.05	37.71 1.03 0.00	48.64 0.87 0.54	56.06 1.21 0.41	45.75 1.38 0.05	36.84 1.11 0.00	31.62 1.13 0.00	27.14 0.94 0.00	24.37 0.91 0.00
PYRITES___HYD 24023	22.32 -0.04 0.00	20.33 -0.04 0.01	19.45 -0.04 0.01	18.47 -0.02 1.00	23.76 0.06 -3.52	26.34 0.22 -3.80	34.56 0.41 -4.72	44.40 0.65 -5.79	37.01 0.23 -4.16	26.98 0.00 0.00	24.75 -0.02 0.00	24.63 -0.07 0.00	28.26 -0.03 -3.19	30.67 -0.03 -4.32	32.56 -0.03 -4.53	36.90 -0.06 -5.03	36.96 0.26 -0.03	50.35 0.53 -1.51	63.46 0.33 -7.87	44.56 0.13 0.00	35.91 0.18 0.00	30.58 0.09 0.00	26.20 0.00 0.00	23.53 0.07 0.00
QUAKERRD_115KV_BK1 80622	21.25 -1.12 0.00	19.36 -1.02 0.00	18.50 -0.99 0.00	18.45 -1.03 0.00	19.19 -0.99 0.00	21.18 -1.14 0.00	27.96 -1.47 0.00	36.02 -1.94 0.00	30.86 -1.76 0.00	25.77 -1.21 0.00	23.63 -1.14 0.00	23.54 -1.16 0.00	23.82 -1.28 0.00	25.15 -1.24 0.00	26.68 -1.37 0.00	30.28 -1.66 -0.01	34.55 -2.13 0.00	43.53 -3.14 1.64	50.58 -3.43 1.26	41.90 -2.35 0.17	33.66 -2.07 0.00	28.90 -1.59 0.00	24.81 -1.39 0.00	22.26 -1.20 0.00
QUEENSBRY_115KV_TB8 356137	23.55 1.19 0.00	21.50 1.12 0.00	20.48 0.99 0.00	20.46 0.97 0.00	21.21 1.03 0.00	23.50 1.18 0.00	31.17 1.74 0.00	40.31 2.35 0.00	34.77 2.15 0.00	28.52 1.54 0.00	25.98 1.21 0.00	25.91 1.21 0.00	26.53 1.43 0.00	27.76 1.37 0.00	29.29 1.23 0.00	33.59 1.63 -0.03	38.74 2.05 0.00	51.50 3.19 0.00	59.02 3.76 0.00	47.27 2.84 0.00	38.01 2.29 0.00	32.35 1.86 0.00	27.66 1.47 0.00	25.38 1.92 0.00
RAMAPO___LBMP 323565	23.80 1.43 0.00	21.68 1.30 0.00	20.74 1.25 0.00	20.75 1.27 0.00	21.47 1.29 0.00	23.74 1.43 0.00	31.14 1.71 0.00	40.24 2.28 0.00	34.80 2.19 0.00	28.87 1.89 0.00	26.60 1.83 0.00	26.58 1.88 0.00	27.00 1.91 0.00	28.36 1.98 0.00	30.19 2.13 0.00	34.45 2.43 -0.09	39.36 2.68 0.00	51.88 3.57 0.00	59.29 4.03 0.00	47.53 3.11 0.00	38.23 2.50 0.00	32.59 2.10 0.00	28.00 1.81 0.00	25.07 1.62 0.00
RANKINE____ 23646	21.49 -0.87 0.00	19.60 -0.77 0.00	18.75 -0.74 0.00	18.68 -0.80 0.00	19.53 -0.65 0.00	21.47 -0.85 0.00	28.25 -1.18 0.00	35.99 -1.97 0.00	30.76 -1.86 0.00	26.01 -0.97 0.00	23.95 -0.82 0.00	23.79 -0.91 0.00	23.99 -1.10 0.00	25.52 -0.87 0.00	27.02 -1.04 0.00	30.00 -1.95 -0.02	34.63 -2.05 0.00	42.33 -4.59 1.39	49.33 -4.86 1.07	41.17 -3.11 0.14	33.30 -2.43 0.00	28.87 -1.62 0.00	24.96 -1.23 0.00	22.68 -0.77 0.00
RAVENSWOOD_GT2_1 24244	24.18 1.81 0.00	22.00 1.63 0.00	21.07 1.58 0.00	21.06 1.58 0.00	21.75 1.57 0.00	24.01 1.70 0.00	31.52 2.09 0.00	40.73 2.77 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.15 3.73 0.00	38.87 3.14 0.00	33.17 2.68 0.00	28.50 2.31 0.00	25.52 2.06 0.00



RAVENSWOOD_GT2_2 24245	24.18 1.81 0.00	22.00 1.63 0.00	21.07 1.58 0.00	21.06 1.58 0.00	21.75 1.57 0.00	24.01 1.70 0.00	31.52 2.09 0.00	40.73 2.77 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.15 3.73 0.00	38.87 3.14 0.00	33.17 2.68 0.00	28.50 2.31 0.00	25.52 2.06 0.00
RAVENSWOOD_GT2_3 24246	24.20 1.83 0.00	22.03 1.65 0.00	21.07 1.58 0.00	21.08 1.60 0.00	21.77 1.59 0.00	24.01 1.70 0.00	31.55 2.12 0.00	40.73 2.77 0.00	35.46 2.84 0.00	29.43 2.46 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.16 3.13 -0.10	39.95 3.26 0.00	52.66 4.35 0.00	60.18 4.92 0.00	48.15 3.73 0.00	38.91 3.18 0.00	33.17 2.68 0.00	28.53 2.33 0.00	25.54 2.09 0.00
RAVENSWOOD_GT2_4 24247	24.20 1.83 0.00	22.03 1.65 0.00	21.07 1.58 0.00	21.08 1.60 0.00	21.77 1.59 0.00	24.01 1.70 0.00	31.55 2.12 0.00	40.73 2.77 0.00	35.46 2.84 0.00	29.43 2.46 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.16 3.13 -0.10	39.95 3.26 0.00	52.66 4.35 0.00	60.18 4.92 0.00	48.15 3.73 0.00	38.91 3.18 0.00	33.17 2.68 0.00	28.53 2.33 0.00	25.54 2.09 0.00
RAVENSWOOD_GT3_1 24248	24.18 1.81 0.00	22.00 1.63 0.00	21.07 1.58 0.00	21.08 1.60 0.00	21.75 1.57 0.00	24.01 1.70 0.00	31.55 2.12 0.00	40.73 2.77 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.95 3.26 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.15 3.73 0.00	38.91 3.18 0.00	33.17 2.68 0.00	28.53 2.33 0.00	25.52 2.06 0.00
RAVENSWOOD_GT3_2 24249	24.18 1.81 0.00	22.00 1.63 0.00	21.07 1.58 0.00	21.08 1.60 0.00	21.75 1.57 0.00	24.01 1.70 0.00	31.55 2.12 0.00	40.73 2.77 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.95 3.26 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.15 3.73 0.00	38.91 3.18 0.00	33.17 2.68 0.00	28.53 2.33 0.00	25.52 2.06 0.00
RAVENSWOOD_GT3_3 24250	24.20 1.83 0.00	22.03 1.65 0.00	21.09 1.60 0.00	21.10 1.62 0.00	21.79 1.61 0.00	24.03 1.72 0.00	31.58 2.15 0.00	40.77 2.81 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.63 2.53 0.00	29.02 2.64 0.00	30.87 2.81 0.00	35.19 3.16 -0.10	39.98 3.30 0.00	52.75 4.44 0.00	60.23 4.97 0.00	48.24 3.82 0.00	38.94 3.22 0.00	33.20 2.71 0.00	28.55 2.36 0.00	25.57 2.11 0.00
RAVENSWOOD_GT3_4 24251	24.20 1.83 0.00	22.03 1.65 0.00	21.09 1.60 0.00	21.10 1.62 0.00	21.79 1.61 0.00	24.03 1.72 0.00	31.58 2.15 0.00	40.77 2.81 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.63 2.53 0.00	29.02 2.64 0.00	30.87 2.81 0.00	35.19 3.16 -0.10	39.98 3.30 0.00	52.75 4.44 0.00	60.23 4.97 0.00	48.24 3.82 0.00	38.94 3.22 0.00	33.20 2.71 0.00	28.55 2.36 0.00	25.57 2.11 0.00
RAVENSWOOD_GT_1 23729	24.29 1.92 0.00	22.12 1.73 -0.01	21.18 1.68 -0.01	21.17 1.68 -0.01	21.86 1.67 -0.01	24.08 1.76 0.00	31.58 2.15 0.00	40.66 2.70 0.00	35.46 2.84 0.00	29.43 2.46 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.63 2.53 0.00	29.02 2.64 0.00	30.87 2.81 0.00	35.19 3.16 -0.10	39.87 3.19 0.00	52.56 4.25 0.00	60.01 4.75 0.00	48.07 3.64 0.00	38.91 3.18 0.00	33.23 2.74 0.00	28.61 2.41 0.00	25.64 2.18 0.00
RAVENSWOOD_GT_10 24258	24.18 1.81 0.00	22.00 1.63 0.00	21.07 1.58 0.00	21.06 1.58 0.00	21.75 1.57 0.00	24.01 1.70 0.00	31.55 2.12 0.00	40.73 2.77 0.00	35.42 2.81 0.00	29.43 2.46 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.95 3.26 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.15 3.73 0.00	38.91 3.18 0.00	33.17 2.68 0.00	28.53 2.33 0.00	25.52 2.06 0.00
RAVENSWOOD_GT_11 24259	24.18 1.81 0.00	22.00 1.63 0.00	21.07 1.58 0.00	21.06 1.58 0.00	21.75 1.57 0.00	24.01 1.70 0.00	31.55 2.12 0.00	40.73 2.77 0.00	35.42 2.81 0.00	29.43 2.46 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.95 3.26 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.15 3.73 0.00	38.91 3.18 0.00	33.17 2.68 0.00	28.53 2.33 0.00	25.52 2.06 0.00
RAVENSWOOD_GT_4 24252	24.18 1.81 0.00	22.00 1.63 0.01	21.04 1.56 0.01	21.05 1.58 0.01	21.73 1.55 0.01	24.01 1.70 0.00	31.55 2.12 0.00	40.77 2.81 0.00	35.42 2.81 0.00	29.43 2.46 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.95 3.26 0.00	52.70 4.40 0.00	60.18 4.92 0.00	48.20 3.78 0.00	38.91 3.18 0.00	33.17 2.68 0.00	28.50 2.31 0.00	25.52 2.06 0.00
RAVENSWOOD_GT_5 24254	24.18 1.81 0.00	22.00 1.63 0.01	21.04 1.56 0.01	21.05 1.58 0.01	21.73 1.55 0.01	24.01 1.70 0.00	31.55 2.12 0.00	40.77 2.81 0.00	35.42 2.81 0.00	29.43 2.46 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.95 3.26 0.00	52.70 4.40 0.00	60.18 4.92 0.00	48.20 3.78 0.00	38.91 3.18 0.00	33.17 2.68 0.00	28.50 2.31 0.00	25.52 2.06 0.00
RAVENSWOOD_GT_6 24253	24.18 1.81 0.00	22.00 1.63 0.01	21.04 1.56 0.01	21.05 1.58 0.01	21.73 1.55 0.01	24.01 1.70 0.00	31.55 2.12 0.00	40.77 2.81 0.00	35.42 2.81 0.00	29.43 2.46 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.95 3.26 0.00	52.70 4.40 0.00	60.18 4.92 0.00	48.20 3.78 0.00	38.91 3.18 0.00	33.17 2.68 0.00	28.50 2.31 0.00	25.52 2.06 0.00
RAVENSWOOD_GT_7 24255	24.18 1.81 0.00	22.00 1.63 0.01	21.04 1.56 0.01	21.05 1.58 0.01	21.73 1.55 0.01	24.01 1.70 0.00	31.55 2.12 0.00	40.77 2.81 0.00	35.42 2.81 0.00	29.43 2.46 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.95 3.26 0.00	52.70 4.40 0.00	60.18 4.92 0.00	48.20 3.78 0.00	38.91 3.18 0.00	33.17 2.68 0.00	28.50 2.31 0.00	25.52 2.06 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.18 1.81 0.00	22.00 1.63 0.00	21.07 1.58 0.00	21.06 1.58 0.00	21.75 1.57 0.00	24.01 1.70 0.00	31.55 2.12 0.00	40.73 2.77 0.00	35.42 2.81 0.00	29.43 2.46 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.95 3.26 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.15 3.73 0.00	38.91 3.18 0.00	33.17 2.68 0.00	28.53 2.33 0.00	25.52 2.06 0.00



RAVENSWOOD_GT_9 24257	24.18 1.81 0.00	22.00 1.63 0.00	21.07 1.58 0.00	21.06 1.58 0.00	21.75 1.57 0.00	24.01 1.70 0.00	31.55 2.12 0.00	40.73 2.77 0.00	35.42 2.81 0.00	29.43 2.46 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.95 3.26 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.15 3.73 0.00	38.91 3.18 0.00	33.17 2.68 0.00	28.53 2.33 0.00	25.52 2.06 0.00
RAVENSWOOD___1 23533	24.29 1.92 0.00	22.09 1.71 -0.01	21.15 1.66 -0.01	21.13 1.64 -0.01	21.86 1.67 -0.01	24.01 1.70 0.00	31.67 2.24 0.00	40.66 2.70 0.00	35.42 2.81 0.00	29.43 2.45 0.00	27.17 2.40 0.00	27.17 2.47 0.00	27.63 2.53 0.00	29.00 2.61 0.00	30.84 2.78 0.00	35.19 3.16 -0.10	39.84 3.16 0.00	52.56 4.25 0.00	59.95 4.69 0.00	48.02 3.60 0.00	38.91 3.18 0.00	33.17 2.68 0.00	28.58 2.38 0.00	25.64 2.18 0.00
RAVENSWOOD___2 23534	24.26 1.90 0.00	22.09 1.71 -0.01	21.15 1.66 -0.01	21.11 1.62 -0.01	21.84 1.66 -0.01	24.01 1.70 0.00	31.64 2.21 0.00	40.62 2.66 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.17 2.40 0.00	27.17 2.47 0.00	27.61 2.51 0.00	29.00 2.61 0.00	30.84 2.78 0.00	35.16 3.13 -0.10	39.84 3.16 0.00	52.51 4.20 0.00	59.95 4.69 0.00	48.02 3.60 0.00	38.87 3.14 0.00	33.14 2.65 0.00	28.58 2.38 0.00	25.64 2.18 0.00
RAVENSWOOD___3 23535	24.18 1.81 0.00	22.01 1.63 0.00	21.07 1.58 0.00	21.02 1.54 0.00	21.76 1.58 0.00	23.97 1.65 0.00	31.64 2.21 0.00	40.73 2.77 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.81 2.75 0.00	35.12 3.10 -0.10	39.91 3.23 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.16 3.73 0.00	38.91 3.18 0.00	33.14 2.65 0.00	28.53 2.33 0.00	25.54 2.09 0.00
RAVENSWOOD___4 23820	24.26 1.90 0.00	22.09 1.71 -0.01	21.15 1.66 -0.01	21.10 1.62 -0.01	21.84 1.66 -0.01	24.01 1.70 0.00	31.64 2.21 0.00	40.62 2.66 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	28.97 2.59 0.00	30.84 2.78 0.00	35.16 3.13 -0.10	39.84 3.16 0.00	52.51 4.20 0.00	59.95 4.69 0.00	48.02 3.60 0.00	38.87 3.14 0.00	33.14 2.65 0.00	28.55 2.36 0.00	25.64 2.18 0.00
RCPL_TRUST___DRP 24196	24.15 1.79 0.00	21.98 1.61 0.00	21.03 1.54 0.00	21.04 1.56 0.00	21.73 1.55 0.00	24.01 1.70 0.00	31.52 2.09 0.00	40.77 2.81 0.00	35.46 2.84 0.00	29.43 2.46 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.78 2.72 0.00	35.12 3.10 -0.10	39.98 3.30 0.00	52.70 4.40 0.00	60.18 4.92 0.00	48.20 3.78 0.00	38.91 3.18 0.00	33.14 2.65 0.00	28.50 2.31 0.00	25.50 2.04 0.00
RED___ROCHESTER 323720	21.74 -0.63 0.00	19.83 -0.55 0.00	18.91 -0.58 0.00	18.94 -0.55 0.00	19.64 -0.54 0.00	21.73 -0.58 0.00	28.66 -0.77 0.00	36.90 -1.06 0.00	31.54 -1.08 0.00	26.39 -0.59 0.00	24.20 -0.57 0.00	24.11 -0.59 0.00	24.39 -0.70 0.00	25.78 -0.61 0.00	27.33 -0.73 0.00	30.95 -0.99 -0.01	35.32 -1.36 0.00	44.42 -2.27 1.62	51.70 -2.32 1.24	42.88 -1.38 0.16	34.41 -1.32 0.00	29.63 -0.85 0.00	25.36 -0.84 0.00	22.85 -0.61 0.00
REGAN___SOLAR 323812	24.18 1.81 0.00	22.05 1.67 0.00	21.01 1.52 0.00	20.98 1.50 0.00	21.77 1.59 0.00	24.14 1.83 0.00	32.08 2.65 0.00	41.30 3.34 0.00	35.32 2.71 0.00	28.87 1.89 0.00	26.18 1.41 0.00	26.08 1.38 0.00	26.65 1.56 0.00	27.94 1.56 0.00	29.91 1.85 0.00	34.39 2.43 -0.03	40.02 3.34 0.00	53.14 4.83 0.00	61.00 5.75 0.00	49.00 4.58 0.00	39.37 3.65 0.00	33.32 2.84 0.00	28.47 2.28 0.00	25.45 1.99 0.00
RENSSELAER___COGEN 23796	23.13 0.76 0.00	21.07 0.69 0.00	20.21 0.72 0.00	20.18 0.70 0.00	20.84 0.66 0.00	23.05 0.74 0.00	30.46 1.03 0.00	39.44 1.48 0.00	34.02 1.40 0.00	28.00 1.02 0.00	25.69 0.92 0.00	25.64 0.94 0.00	26.10 1.00 0.00	27.36 0.98 0.00	29.13 1.07 0.00	33.34 1.34 -0.07	38.29 1.61 0.00	50.63 2.32 0.00	57.86 2.60 0.00	46.38 1.95 0.00	37.37 1.64 0.00	31.71 1.22 0.00	27.27 1.07 0.00	24.35 0.89 0.00
REPUBLIC_115KV_BARTNBRK 55605	24.40 2.04 0.00	22.31 1.94 0.00	21.21 1.72 0.00	21.14 1.66 0.00	21.96 1.78 0.00	24.37 2.05 0.00	32.46 3.03 0.00	41.95 3.99 0.00	36.21 3.59 0.00	29.54 2.56 0.00	26.83 2.06 0.00	26.75 2.05 0.00	27.48 2.38 0.00	28.68 2.30 0.00	30.33 2.27 0.00	34.87 2.91 -0.04	40.31 3.63 0.00	53.91 5.60 0.00	61.94 6.69 0.00	49.62 5.20 0.00	39.80 4.07 0.00	33.66 3.17 0.00	28.66 2.46 0.00	26.20 2.74 0.00
REVERE_CPPR_DRP 24186	22.95 0.58 0.00	20.88 0.51 0.00	19.96 0.47 0.00	19.93 0.49 0.04	20.70 0.52 0.00	22.98 0.67 0.00	30.46 1.03 0.00	39.56 1.59 0.00	33.79 1.17 0.00	27.84 0.86 0.00	25.39 0.62 0.00	25.30 0.59 0.00	25.52 0.43 0.00	26.91 0.53 0.00	28.68 0.62 0.00	32.44 0.51 0.00	37.56 0.88 0.00	49.56 1.26 0.00	56.69 1.44 0.00	45.67 1.24 0.00	36.76 1.04 0.00	31.46 0.98 0.00	26.93 0.73 0.00	24.02 0.56 0.00
REYNOLDS_115KV_TB3 80639	23.35 0.98 0.00	21.29 0.92 0.00	20.39 0.90 0.00	20.38 0.90 0.00	21.05 0.87 0.00	23.27 0.96 0.00	30.70 1.27 0.00	39.86 1.90 0.00	34.38 1.76 0.00	28.30 1.32 0.00	25.96 1.19 0.00	25.94 1.24 0.00	26.38 1.28 0.00	27.65 1.27 0.00	29.43 1.37 0.00	33.66 1.66 -0.07	38.70 2.02 0.00	51.11 2.80 0.00	58.41 3.15 0.00	46.78 2.35 0.00	37.73 2.00 0.00	32.04 1.55 0.00	27.56 1.36 0.00	24.61 1.15 0.00
RIVERBAY____ 323610	24.53 2.17 0.00	22.34 1.96 -0.01	21.35 1.85 -0.01	21.36 1.87 -0.01	22.06 1.88 -0.01	24.21 1.90 0.00	31.73 2.30 0.00	40.69 2.73 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.66 2.56 0.00	29.02 2.64 0.00	30.87 2.81 0.00	35.19 3.16 -0.10	39.87 3.19 0.00	52.56 4.25 0.00	60.01 4.75 0.00	48.07 3.64 0.00	38.94 3.22 0.00	33.29 2.80 0.00	28.74 2.54 0.00	25.87 2.42 0.00
RIVERSDE_115KV_TB3 55908	23.24 0.87 0.00	21.21 0.84 0.00	20.31 0.82 0.00	20.30 0.82 0.00	20.95 0.77 0.00	23.19 0.87 0.00	30.58 1.15 0.00	39.67 1.71 0.00	34.22 1.60 0.00	28.17 1.19 0.00	25.84 1.07 0.00	25.81 1.11 0.00	26.25 1.15 0.00	27.52 1.13 0.00	29.29 1.23 0.00	33.53 1.53 -0.07	38.52 1.83 0.00	50.92 2.61 0.00	58.19 2.93 0.00	46.60 2.18 0.00	37.55 1.82 0.00	31.92 1.43 0.00	27.43 1.23 0.00	24.49 1.03 0.00
ROARING___BROOK_WT_PWR 323790	21.31 -1.05 0.00	0.00 -0.96 19.42	0.00 -0.92 18.57	0.00 -0.93 18.55	0.00 -0.93 19.25	0.00 -0.98 21.33	0.00 -1.29 28.14	0.00 -1.63 36.33	31.22 -1.40 0.00	25.82 -1.16 0.00	23.78 -0.99 0.00	23.74 -0.96 0.00	24.17 -0.93 0.00	25.38 -1.00 0.00	27.02 -1.04 0.00	30.84 -1.09 0.00	35.54 -1.14 0.00	46.86 -1.45 0.00	53.44 -1.82 0.00	42.78 -1.64 0.00	34.44 -1.28 0.00	29.42 -1.07 0.00	25.38 -0.81 0.00	22.82 -0.63 0.00



ROCHESRG_115KV_T4 355643	21.56 -0.81 0.00	19.64 -0.73 0.00	18.77 -0.72 0.00	18.72 -0.76 0.00	19.49 -0.69 0.00	21.49 -0.83 0.00	28.34 -1.09 0.00	36.44 -1.52 0.00	31.21 -1.40 0.00	26.12 -0.86 0.00	23.95 -0.82 0.00	23.86 -0.84 0.00	24.14 -0.95 0.00	25.52 -0.87 0.00	27.05 -1.01 0.00	30.66 -1.28 -0.01	34.96 -1.72 0.00	43.96 -2.71 1.64	51.07 -2.93 1.26	42.39 -1.87 0.17	34.01 -1.71 0.00	29.27 -1.22 0.00	25.15 -1.05 0.00	22.61 -0.84 0.00
ROCHESTER_9_IC 23652	21.67 -0.69 0.00	19.72 -0.65 0.00	18.85 -0.64 0.00	18.78 -0.70 0.00	19.57 -0.61 0.00	21.58 -0.74 0.00	28.49 -0.94 0.00	36.67 -1.29 0.00	31.41 -1.21 0.00	26.28 -0.70 0.00	24.10 -0.67 0.00	23.99 -0.72 0.00	24.27 -0.83 0.00	25.65 -0.74 0.00	27.19 -0.87 0.00	30.82 -1.12 -0.01	35.14 -1.54 0.00	44.23 -2.46 1.62	51.42 -2.60 1.24	42.66 -1.60 0.17	34.23 -1.50 0.00	29.42 -1.07 0.00	25.25 -0.94 0.00	22.71 -0.75 0.00
ROCKVIEW_13_KV_LD 356306	24.11 1.74 0.00	21.94 1.57 0.00	20.99 1.50 0.00	21.00 1.52 0.00	21.69 1.51 0.00	23.97 1.65 0.00	31.46 2.03 0.00	40.69 2.73 0.00	35.36 2.74 0.00	29.33 2.35 0.00	27.05 2.28 0.00	27.05 2.35 0.00	27.51 2.41 0.00	28.87 2.48 0.00	30.70 2.64 0.00	35.03 3.00 -0.10	39.95 3.26 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.15 3.73 0.00	38.84 3.11 0.00	33.11 2.62 0.00	28.45 2.25 0.00	25.45 1.99 0.00
ROME____115KV_TB2 80656	22.95 0.58 0.00	20.88 0.51 0.00	19.96 0.47 0.00	19.93 0.49 0.04	20.70 0.52 0.00	22.98 0.67 0.00	30.46 1.03 0.00	39.56 1.59 0.00	33.79 1.17 0.00	27.84 0.86 0.00	25.39 0.62 0.00	25.30 0.59 0.00	25.52 0.43 0.00	26.91 0.53 0.00	28.68 0.62 0.00	32.44 0.51 0.00	37.56 0.88 0.00	49.56 1.26 0.00	56.69 1.44 0.00	45.67 1.24 0.00	36.76 1.04 0.00	31.46 0.98 0.00	26.93 0.73 0.00	24.02 0.56 0.00
ROSETON___1 23587	23.80 1.43 0.00	21.66 1.28 0.00	20.74 1.25 0.00	20.71 1.23 0.00	21.43 1.25 0.00	23.68 1.36 0.00	31.20 1.77 0.00	40.28 2.32 0.00	34.87 2.25 0.00	28.90 1.92 0.00	26.60 1.83 0.00	26.58 1.88 0.00	27.00 1.91 0.00	28.34 1.95 0.00	30.17 2.11 0.00	34.42 2.40 -0.10	39.36 2.68 0.00	51.83 3.52 0.00	59.24 3.98 0.00	47.49 3.06 0.00	38.30 2.57 0.00	32.59 2.10 0.00	28.03 1.83 0.00	25.10 1.64 0.00
ROSETON___2 23588	23.80 1.43 0.00	21.66 1.28 0.00	20.74 1.25 0.00	20.71 1.23 0.00	21.43 1.25 0.00	23.68 1.36 0.00	31.20 1.77 0.00	40.28 2.32 0.00	34.87 2.25 0.00	28.90 1.92 0.00	26.60 1.83 0.00	26.58 1.88 0.00	27.00 1.91 0.00	28.34 1.95 0.00	30.17 2.11 0.00	34.42 2.40 -0.10	39.36 2.68 0.00	51.83 3.52 0.00	59.24 3.98 0.00	47.49 3.06 0.00	38.30 2.57 0.00	32.59 2.10 0.00	28.03 1.83 0.00	25.10 1.64 0.00
ROTRRDAM_115KV_TB3 80664	23.33 0.96 0.00	21.27 0.90 0.00	20.33 0.84 0.00	20.32 0.84 0.00	21.03 0.85 0.00	23.27 0.96 0.00	30.70 1.27 0.00	39.71 1.75 0.00	34.22 1.60 0.00	28.19 1.21 0.00	25.81 1.04 0.00	25.74 1.04 0.00	26.20 1.10 0.00	27.49 1.11 0.00	29.27 1.21 0.00	33.43 1.47 -0.03	38.52 1.83 0.00	50.87 2.56 0.00	58.19 2.93 0.00	46.69 2.27 0.00	37.59 1.86 0.00	31.98 1.49 0.00	27.45 1.26 0.00	24.63 1.17 0.00
RUSSELL___1 23602	21.74 -0.63 0.00	19.78 -0.59 0.00	18.91 -0.58 0.00	18.84 -0.64 0.00	19.64 -0.54 0.00	21.67 -0.65 0.00	28.61 -0.82 0.00	36.86 -1.10 0.00	31.54 -1.08 0.00	26.39 -0.59 0.00	24.20 -0.57 0.00	24.11 -0.59 0.00	24.39 -0.70 0.00	25.78 -0.61 0.00	27.33 -0.73 0.00	30.95 -0.99 -0.01	35.32 -1.36 0.00	44.42 -2.27 1.62	51.64 -2.38 1.24	42.88 -1.38 0.16	34.41 -1.32 0.00	29.57 -0.91 0.00	25.36 -0.84 0.00	22.80 -0.66 0.00
RUSSELL___2 23532	21.74 -0.63 0.00	19.78 -0.59 0.00	18.91 -0.58 0.00	18.84 -0.64 0.00	19.64 -0.54 0.00	21.67 -0.65 0.00	28.61 -0.82 0.00	36.86 -1.10 0.00	31.54 -1.08 0.00	26.39 -0.59 0.00	24.20 -0.57 0.00	24.11 -0.59 0.00	24.39 -0.70 0.00	25.78 -0.61 0.00	27.33 -0.73 0.00	30.95 -0.99 -0.01	35.32 -1.36 0.00	44.42 -2.27 1.62	51.64 -2.38 1.24	42.88 -1.38 0.16	34.41 -1.32 0.00	29.57 -0.91 0.00	25.36 -0.84 0.00	22.80 -0.66 0.00
RUSSELL___3 23549	21.74 -0.63 0.00	19.78 -0.59 0.00	18.91 -0.58 0.00	18.84 -0.64 0.00	19.64 -0.54 0.00	21.67 -0.65 0.00	28.61 -0.82 0.00	36.86 -1.10 0.00	31.54 -1.08 0.00	26.39 -0.59 0.00	24.20 -0.57 0.00	24.11 -0.59 0.00	24.39 -0.70 0.00	25.78 -0.61 0.00	27.33 -0.73 0.00	30.95 -0.99 -0.01	35.32 -1.36 0.00	44.42 -2.27 1.62	51.64 -2.38 1.24	42.88 -1.38 0.16	34.41 -1.32 0.00	29.57 -0.91 0.00	25.36 -0.84 0.00	22.80 -0.66 0.00
RUSSELL___4 23556	21.74 -0.63 0.00	19.78 -0.59 0.00	18.91 -0.58 0.00	18.84 -0.64 0.00	19.64 -0.54 0.00	21.67 -0.65 0.00	28.61 -0.82 0.00	36.86 -1.10 0.00	31.54 -1.08 0.00	26.39 -0.59 0.00	24.20 -0.57 0.00	24.11 -0.59 0.00	24.39 -0.70 0.00	25.78 -0.61 0.00	27.33 -0.73 0.00	30.95 -0.99 -0.01	35.32 -1.36 0.00	44.42 -2.27 1.62	51.64 -2.38 1.24	42.88 -1.38 0.16	34.41 -1.32 0.00	29.57 -0.91 0.00	25.36 -0.84 0.00	22.80 -0.66 0.00
RUSSELL___STATION 23914	21.74 -0.63 0.00	19.78 -0.59 0.00	18.91 -0.58 0.00	18.84 -0.64 0.00	19.64 -0.54 0.00	21.67 -0.65 0.00	28.61 -0.82 0.00	36.86 -1.10 0.00	31.54 -1.08 0.00	26.39 -0.59 0.00	24.20 -0.57 0.00	24.11 -0.59 0.00	24.39 -0.70 0.00	25.78 -0.61 0.00	27.33 -0.73 0.00	30.95 -0.99 -0.01	35.32 -1.36 0.00	44.42 -2.27 1.62	51.64 -2.38 1.24	42.88 -1.38 0.16	34.41 -1.32 0.00	29.57 -0.91 0.00	25.36 -0.84 0.00	22.80 -0.66 0.00
S SALMON___HYD 24043	22.05 -0.31 0.00	20.09 -0.29 0.00	19.20 -0.29 0.00	19.12 -0.27 0.09	19.90 -0.28 0.00	22.05 -0.27 0.00	29.05 -0.38 0.00	37.51 -0.45 0.00	32.13 -0.49 0.00	26.52 -0.46 0.00	24.25 -0.52 0.00	24.18 -0.52 0.00	24.47 -0.63 0.00	25.78 -0.61 0.00	27.42 -0.64 0.00	31.20 -0.73 0.00	35.87 -0.81 0.00	47.94 -0.97 -0.59	54.77 -0.94 -0.45	43.82 -0.67 -0.06	35.26 -0.47 0.00	30.18 -0.30 0.00	25.83 -0.37 0.00	23.06 -0.40 0.00
S.PERRY__115KV_TB1 80734	22.34 -0.02 0.00	20.33 -0.04 0.00	19.41 -0.08 0.00	19.36 -0.12 0.00	20.20 0.02 0.00	22.31 0.00 0.00	29.58 0.15 0.00	38.15 0.19 0.00	32.32 -0.29 0.00	26.93 -0.05 0.00	24.57 -0.20 0.00	24.41 -0.30 0.00	24.65 -0.45 0.00	26.15 -0.24 0.00	27.81 -0.25 0.00	31.37 -0.57 -0.02	36.02 -0.66 0.00	45.49 -1.55 1.28	53.17 -1.11 0.98	44.16 -0.13 0.13	35.44 -0.29 0.00	30.49 0.00 0.00	26.17 -0.03 0.00	23.48 0.02 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.27 -1.10 0.00	19.40 -0.98 0.00	18.54 -0.96 0.00	18.49 -0.99 0.00	19.33 -0.85 0.00	21.22 -1.09 0.00	27.87 -1.56 0.00	35.49 -2.47 0.00	30.40 -2.22 0.00	25.71 -1.27 0.00	23.68 -1.09 0.00	23.54 -1.16 0.00	23.72 -1.38 0.00	25.20 -1.19 0.00	26.68 -1.37 0.00	29.78 -2.17 -0.02	34.15 -2.53 0.00	41.99 -4.88 1.44	48.90 -5.25 1.10	40.81 -3.47 0.15	32.90 -2.82 0.00	28.57 -1.92 0.00	24.68 -1.52 0.00	22.40 -1.06 0.00



SAWYER___23_KV_LOAD 55526	21.27 -1.10 0.00	19.40 -0.98 0.00	18.54 -0.96 0.00	18.49 -0.99 0.00	19.33 -0.85 0.00	21.22 -1.09 0.00	27.87 -1.56 0.00	35.49 -2.47 0.00	30.40 -2.22 0.00	25.71 -1.27 0.00	23.68 -1.09 0.00	23.54 -1.16 0.00	23.72 -1.38 0.00	25.20 -1.19 0.00	26.68 -1.37 0.00	29.78 -2.17 -0.02	34.15 -2.53 0.00	41.99 -4.88 1.44	48.90 -5.25 1.10	40.81 -3.47 0.15	32.90 -2.82 0.00	28.57 -1.92 0.00	24.68 -1.52 0.00	22.40 -1.06 0.00
SELKIRK___I 23801	23.26 0.90 0.00	21.21 0.84 0.00	20.33 0.84 0.00	20.28 0.80 0.00	20.97 0.79 0.00	23.18 0.87 0.00	30.64 1.21 0.00	39.59 1.63 0.00	34.12 1.50 0.00	28.03 1.05 0.00	25.66 0.89 0.00	25.57 0.86 0.00	26.03 0.93 0.00	27.28 0.90 0.00	29.07 1.01 0.00	33.36 1.34 -0.09	38.37 1.69 0.00	50.77 2.46 0.00	58.07 2.82 0.00	46.60 2.18 0.00	37.55 1.82 0.00	31.89 1.40 0.00	27.40 1.21 0.00	24.49 1.03 0.00
SELKIRK___II 23799	23.17 0.80 0.00	21.13 0.75 0.00	20.25 0.76 0.00	20.22 0.74 0.00	20.91 0.73 0.00	23.10 0.78 0.00	30.55 1.12 0.00	39.52 1.56 0.00	34.09 1.47 0.00	28.06 1.08 0.00	25.71 0.94 0.00	25.66 0.96 0.00	26.13 1.03 0.00	27.39 1.00 0.00	29.15 1.09 0.00	33.41 1.40 -0.08	38.37 1.69 0.00	50.67 2.37 0.00	57.97 2.71 0.00	46.47 2.04 0.00	37.44 1.71 0.00	31.80 1.31 0.00	27.32 1.13 0.00	24.40 0.94 0.00
SENECA OSWGO___HYD 24041	21.92 -0.45 0.00	19.97 -0.41 0.00	19.08 -0.41 0.00	19.09 -0.39 0.00	19.76 -0.42 0.00	21.85 -0.47 0.00	28.81 -0.62 0.00	37.13 -0.84 0.00	31.87 -0.75 0.00	26.39 -0.59 0.00	24.18 -0.59 0.00	24.11 -0.59 0.00	24.47 -0.63 0.00	25.75 -0.63 0.00	27.36 -0.70 0.00	31.14 -0.80 0.00	35.73 -0.95 0.00	48.21 -1.26 -1.16	54.82 -1.33 -0.89	43.61 -0.93 -0.12	34.98 -0.75 0.00	29.88 -0.61 0.00	25.64 -0.55 0.00	22.89 -0.56 0.00
SENECA___115KV_TB3 355854	21.54 -0.83 0.00	19.62 -0.75 0.00	18.77 -0.72 0.00	18.72 -0.76 0.00	19.57 -0.61 0.00	21.51 -0.80 0.00	28.28 -1.15 0.00	36.02 -1.94 0.00	30.82 -1.79 0.00	26.04 -0.94 0.00	24.00 -0.77 0.00	23.84 -0.86 0.00	24.04 -1.05 0.00	25.57 -0.82 0.00	27.08 -0.98 0.00	30.03 -1.92 -0.02	34.66 -2.02 0.00	42.37 -4.54 1.39	49.38 -4.81 1.07	41.26 -3.02 0.14	33.37 -2.36 0.00	28.93 -1.55 0.00	25.02 -1.18 0.00	22.71 -0.75 0.00
SENECA___ENERGY 23797	22.01 -0.36 0.00	20.05 -0.33 0.00	19.14 -0.35 0.00	19.17 -0.31 0.00	19.88 -0.30 0.00	22.00 -0.31 0.00	29.08 -0.35 0.00	37.39 -0.57 0.00	32.03 -0.59 0.00	26.60 -0.38 0.00	24.35 -0.42 0.00	24.26 -0.44 0.00	24.57 -0.53 0.00	25.94 -0.45 0.00	27.56 -0.50 0.00	31.27 -0.67 -0.01	35.91 -0.77 0.00	46.67 -1.40 0.23	53.75 -1.33 0.18	43.60 -0.80 0.02	35.09 -0.64 0.00	30.00 -0.49 0.00	25.75 -0.45 0.00	23.06 -0.40 0.00
SHOEMAKER___GT 23640	23.64 1.27 0.00	21.54 1.16 0.00	20.60 1.11 0.00	20.59 1.11 0.00	21.33 1.15 0.00	23.54 1.23 0.00	31.05 1.62 0.00	40.09 2.12 0.00	34.61 1.99 0.00	28.65 1.67 0.00	26.36 1.59 0.00	26.31 1.60 0.00	26.75 1.66 0.00	28.08 1.69 0.00	29.88 1.82 0.00	34.12 2.11 -0.09	39.06 2.38 0.00	51.45 3.14 0.00	58.80 3.54 0.00	47.22 2.80 0.00	38.02 2.29 0.00	32.38 1.89 0.00	27.82 1.62 0.00	24.93 1.48 0.00
SHOEMAKR_138KV_BK 111 55601	23.64 1.27 0.00	21.54 1.16 0.00	20.60 1.11 0.00	20.61 1.13 0.00	21.33 1.15 0.00	23.56 1.25 0.00	30.96 1.53 0.00	40.05 2.09 0.00	34.61 1.99 0.00	28.65 1.67 0.00	26.38 1.61 0.00	26.33 1.63 0.00	26.75 1.66 0.00	28.10 1.72 0.00	29.91 1.85 0.00	34.12 2.11 -0.09	39.07 2.38 0.00	51.45 3.14 0.00	58.79 3.54 0.00	47.18 2.75 0.00	37.98 2.25 0.00	32.38 1.89 0.00	27.82 1.62 0.00	24.91 1.45 0.00
SHOREHAM_IC_1 23715	24.76 2.39 0.00	22.41 2.04 0.00	21.38 1.89 0.00	21.33 1.85 0.00	22.16 1.98 0.00	24.61 2.30 0.00	31.48 2.06 0.01	33.17 2.20 6.99	32.51 2.28 2.39	29.27 2.29 0.00	27.17 2.40 0.00	27.27 2.57 0.00	27.63 2.53 0.00	28.76 2.38 0.00	29.53 2.16 0.69	33.15 2.56 1.33	38.24 2.75 1.19	52.12 3.82 0.01	56.90 4.31 2.67	47.22 3.11 0.32	38.54 2.82 0.01	32.80 2.32 0.00	28.58 2.38 0.00	26.11 2.65 -0.01
SHOREHAM_IC_2 23716	24.76 2.39 0.00	22.41 2.04 0.00	21.38 1.89 0.00	21.33 1.85 0.00	22.16 1.98 0.00	24.61 2.30 0.00	31.48 2.06 0.01	33.17 2.20 6.99	32.51 2.28 2.39	29.27 2.29 0.00	27.17 2.40 0.00	27.27 2.57 0.00	27.63 2.53 0.00	28.76 2.38 0.00	29.53 2.16 0.69	33.15 2.56 1.33	38.24 2.75 1.19	52.12 3.82 0.01	56.90 4.31 2.67	47.22 3.11 0.32	38.54 2.82 0.01	32.80 2.32 0.00	28.58 2.38 0.00	26.11 2.65 -0.01
SISSONVILLE____ 23735	22.10 -0.27 0.00	20.12 -0.24 0.01	19.23 -0.25 0.01	18.28 -0.23 0.97	23.92 -0.18 -3.93	26.49 -0.07 -4.24	34.67 -0.03 -5.27	44.46 0.04 -6.46	37.03 -0.23 -4.65	26.66 -0.32 0.00	24.50 -0.27 0.00	24.38 -0.32 0.00	28.41 -0.25 -3.56	30.93 -0.26 -4.81	32.83 -0.28 -5.05	37.22 -0.32 -5.61	36.64 -0.07 -0.03	49.99 0.00 -1.69	63.76 -0.28 -8.77	44.02 -0.40 0.00	35.44 -0.29 0.00	30.18 -0.30 0.00	25.88 -0.31 0.00	23.24 -0.21 0.00
SITHE_IND_GS1 24169	21.65 -0.72 0.00	19.74 -0.63 0.00	18.87 -0.62 0.00	18.88 -0.60 0.00	19.53 -0.65 0.00	21.60 -0.71 0.00	28.43 -1.00 0.00	36.60 -1.37 0.00	31.41 -1.21 0.00	26.01 -0.97 0.00	23.85 -0.92 0.00	23.79 -0.91 0.00	24.14 -0.95 0.00	25.41 -0.98 0.00	27.02 -1.04 0.00	30.72 -1.21 0.00	35.25 -1.43 0.00	36.01 -1.93 10.36	45.16 -2.16 7.94	41.72 -1.64 1.06	34.44 -1.28 0.00	29.42 -1.07 0.00	25.25 -0.94 0.00	22.59 -0.87 0.00
SITHE_IND_GS2 24170	21.65 -0.72 0.00	19.74 -0.63 0.00	18.87 -0.62 0.00	18.88 -0.60 0.00	19.53 -0.65 0.00	21.60 -0.71 0.00	28.43 -1.00 0.00	36.60 -1.37 0.00	31.41 -1.21 0.00	26.01 -0.97 0.00	23.85 -0.92 0.00	23.79 -0.91 0.00	24.14 -0.95 0.00	25.41 -0.98 0.00	27.02 -1.04 0.00	30.72 -1.21 0.00	35.25 -1.43 0.00	36.01 -1.93 10.36	45.16 -2.16 7.94	41.72 -1.64 1.06	34.44 -1.28 0.00	29.42 -1.07 0.00	25.25 -0.94 0.00	22.59 -0.87 0.00
SITHE_IND_GS3 24171	21.65 -0.72 0.00	19.74 -0.63 0.00	18.87 -0.62 0.00	18.88 -0.60 0.00	19.53 -0.65 0.00	21.60 -0.71 0.00	28.43 -1.00 0.00	36.60 -1.37 0.00	31.41 -1.21 0.00	26.01 -0.97 0.00	23.85 -0.92 0.00	23.79 -0.91 0.00	24.14 -0.95 0.00	25.41 -0.98 0.00	27.02 -1.04 0.00	30.72 -1.21 0.00	35.25 -1.43 0.00	36.01 -1.93 10.36	45.16 -2.16 7.94	41.72 -1.64 1.06	34.44 -1.28 0.00	29.42 -1.07 0.00	25.25 -0.94 0.00	22.59 -0.87 0.00
SITHE_IND_GS4 24172	21.65 -0.72 0.00	19.74 -0.63 0.00	18.87 -0.62 0.00	18.88 -0.60 0.00	19.53 -0.65 0.00	21.60 -0.71 0.00	28.43 -1.00 0.00	36.60 -1.37 0.00	31.41 -1.21 0.00	26.01 -0.97 0.00	23.85 -0.92 0.00	23.79 -0.91 0.00	24.14 -0.95 0.00	25.41 -0.98 0.00	27.02 -1.04 0.00	30.72 -1.21 0.00	35.25 -1.43 0.00	36.01 -1.93 10.36	45.16 -2.16 7.94	41.72 -1.64 1.06	34.44 -1.28 0.00	29.42 -1.07 0.00	25.25 -0.94 0.00	22.59 -0.87 0.00



SITHE____BATAVIA 24024	21.65 -0.72 0.00	19.76 -0.61 0.00	18.83 -0.66 0.00	18.88 -0.60 0.00	19.59 -0.59 0.00	21.69 -0.62 0.00	28.61 -0.82 0.00	36.71 -1.25 0.00	31.25 -1.37 0.00	26.25 -0.73 0.00	24.10 -0.67 0.00	23.96 -0.74 0.00	24.17 -0.93 0.00	25.67 -0.71 0.00	27.19 -0.87 0.00	30.51 -1.44 -0.01	34.92 -1.76 0.00	43.31 -3.48 1.52	50.50 -3.59 1.16	42.23 -2.04 0.16	33.91 -1.82 0.00	29.39 -1.10 0.00	25.17 -1.02 0.00	22.82 -0.63 0.00
SITHE____INDEPEND 23800	21.65 -0.72 0.00	19.72 -0.65 0.00	18.87 -0.62 0.00	18.86 -0.62 0.00	19.53 -0.65 0.00	21.58 -0.74 0.00	28.49 -0.94 0.00	36.63 -1.33 0.00	31.41 -1.21 0.00	26.01 -0.97 0.00	23.85 -0.92 0.00	23.79 -0.91 0.00	24.14 -0.95 0.00	25.41 -0.98 0.00	27.02 -1.04 0.00	30.72 -1.21 0.00	35.25 -1.43 0.00	36.01 -1.93 10.36	45.16 -2.16 7.94	41.72 -1.64 1.06	34.44 -1.29 0.00	29.39 -1.10 0.00	25.25 -0.94 0.00	22.59 -0.87 0.00
SITHE____MASSENA 23902	22.10 -0.27 0.00	20.12 -0.24 0.01	19.25 -0.23 0.01	18.07 -0.23 1.18	20.88 -0.16 -0.86	23.13 -0.11 -0.93	30.44 -0.15 -1.15	39.26 -0.11 -1.41	33.34 -0.29 -1.02	26.66 -0.32 0.00	24.52 -0.25 0.00	24.43 -0.27 0.00	25.70 -0.17 -0.78	27.26 -0.18 -1.05	28.97 -0.20 -1.11	32.90 -0.26 -1.23	36.58 -0.11 -0.01	48.58 -0.10 -0.37	56.85 -0.33 -1.92	45.58 -0.44 -1.60	35.33 -0.39 0.00	30.12 -0.36 0.00	25.88 -0.31 0.00	23.27 -0.19 0.00
SITHE____OGDNSBRG 24021	22.32 -0.04 0.00	20.33 -0.04 0.01	19.43 -0.06 0.01	18.41 -0.02 1.05	22.97 0.06 -2.73	25.47 0.20 -2.96	33.45 0.35 -3.67	42.99 0.53 -4.50	35.98 0.13 -3.24	26.93 -0.05 0.00	24.70 -0.07 0.00	24.58 -0.12 0.00	27.53 -0.05 -2.48	29.71 -0.03 -3.35	31.55 -0.03 -3.52	35.77 -0.06 -3.91	36.92 0.22 -0.02	49.97 0.48 -1.18	61.65 0.28 -6.11	44.56 0.13 0.00	35.87 0.14 0.00	30.55 0.06 0.00	26.17 -0.03 0.00	23.53 0.07 0.00
SITHE____STERLING 23777	22.81 0.45 0.00	20.76 0.39 0.00	19.84 0.35 0.00	19.85 0.37 0.00	20.56 0.38 0.00	22.81 0.49 0.00	30.19 0.76 0.00	39.25 1.29 0.00	33.56 0.95 0.00	27.68 0.70 0.00	25.29 0.52 0.00	25.20 0.49 0.00	25.45 0.35 0.00	26.83 0.45 0.00	28.57 0.51 0.00	32.32 0.38 0.00	37.27 0.59 0.00	48.85 0.82 0.28	56.04 1.00 0.22	45.33 0.93 0.03	36.51 0.79 0.00	31.22 0.73 0.00	26.72 0.52 0.00	23.88 0.42 0.00
SLEIGHT__34_KV_TB1 80719	21.54 -0.83 0.00	19.58 -0.79 0.00	18.71 -0.78 0.00	18.66 -0.82 0.00	19.43 -0.75 0.00	21.47 -0.85 0.00	28.43 -1.00 0.00	36.67 -1.29 0.00	31.38 -1.24 0.00	26.20 -0.78 0.00	24.00 -0.77 0.00	23.91 -0.79 0.00	24.19 -0.90 0.00	25.57 -0.82 0.00	27.11 -0.95 0.00	30.73 -1.21 -0.01	35.10 -1.58 0.00	44.25 -2.42 1.64	51.46 -2.54 1.26	42.66 -1.60 0.17	34.23 -1.50 0.00	29.36 -1.13 0.00	25.17 -1.02 0.00	22.56 -0.89 0.00
SOUTH CAIRO____GT 23612	23.46 1.10 0.00	21.45 1.08 0.00	20.52 1.03 0.00	20.49 1.01 0.00	21.17 0.99 0.00	23.43 1.12 0.00	31.14 1.71 0.00	40.39 2.43 0.00	34.61 1.99 0.00	28.22 1.24 0.00	25.71 0.94 0.00	25.52 0.82 0.00	26.05 0.95 0.00	27.23 0.84 0.00	29.13 1.07 0.00	33.80 1.79 -0.08	38.85 2.16 0.00	51.74 3.43 0.00	59.24 3.98 0.00	47.58 3.15 0.00	38.26 2.54 0.00	32.32 1.83 0.00	27.66 1.47 0.00	24.72 1.27 0.00
SOUTH HAMPTN____IC 23720	24.98 2.62 0.00	22.62 2.24 0.00	21.58 2.09 0.00	21.53 2.05 0.00	22.36 2.18 0.00	24.84 2.52 0.00	31.80 2.38 0.01	33.58 2.62 7.00	32.86 2.64 2.40	29.57 2.59 0.00	27.45 2.68 0.00	27.57 2.86 0.00	27.91 2.81 0.00	29.08 2.69 0.00	29.87 2.50 0.69	33.53 2.94 1.33	38.75 3.26 1.19	52.74 4.44 0.01	57.62 5.03 2.67	47.84 3.73 0.32	39.00 3.28 0.01	33.20 2.71 0.00	28.87 2.67 0.00	26.37 2.91 -0.01
SOUTHDOW_115KV_TB1 355954	21.87 -0.49 0.00	19.95 -0.43 0.00	19.08 -0.41 0.00	19.05 -0.43 0.00	19.94 -0.24 0.00	21.96 -0.36 0.00	28.99 -0.44 0.00	37.05 -0.91 0.00	31.67 -0.95 0.00	26.76 -0.22 0.00	24.72 -0.05 0.00	24.55 -0.15 0.00	24.72 -0.38 0.00	26.39 0.00 0.00	27.89 -0.17 0.00	30.67 -1.28 -0.02	35.58 -1.10 0.00	43.19 -3.82 1.30	50.56 -3.70 1.00	42.34 -1.95 0.13	34.26 -1.46 0.00	29.67 -0.82 0.00	25.70 -0.50 0.00	23.36 -0.09 0.00
SOUTHOLD_69_KV_BK 2 55809	25.29 2.93 0.00	22.90 2.53 0.00	21.83 2.34 0.00	21.82 2.34 0.00	22.64 2.46 0.00	25.22 2.90 0.00	31.96 2.53 0.00	34.12 3.15 6.99	33.36 3.13 2.39	29.95 2.97 0.00	27.79 3.02 0.00	27.94 3.24 0.00	28.26 3.16 0.00	29.53 3.14 0.00	30.30 2.92 0.68	34.09 3.48 1.32	39.42 3.92 1.18	53.67 5.36 0.00	58.67 6.08 2.66	48.69 4.58 0.31	39.59 3.86 0.00	33.78 3.29 0.00	29.26 3.06 0.00	26.69 3.24 0.00
SOUTHOLD____IC 23719	25.29 2.93 0.00	22.88 2.51 0.00	21.83 2.34 0.00	21.78 2.30 0.00	22.64 2.46 0.00	25.15 2.83 0.00	32.22 2.80 0.01	34.16 3.19 7.00	33.35 3.13 2.40	29.92 2.94 0.00	27.79 3.02 0.00	27.94 3.24 0.00	28.26 3.16 0.00	29.50 3.11 0.00	30.29 2.92 0.69	34.08 3.48 1.33	39.42 3.93 1.19	53.66 5.36 0.01	58.67 6.08 2.67	48.68 4.58 0.32	39.61 3.89 0.01	33.75 3.26 0.00	29.23 3.04 0.00	26.72 3.26 -0.01
SOUTH_FORK_WT_PWR 323839	25.34 2.97 0.00	22.92 2.55 0.00	21.87 2.38 0.00	21.82 2.34 0.00	22.68 2.50 0.00	25.19 2.88 0.00	32.28 2.85 0.01	34.19 3.22 7.00	33.42 3.20 2.40	29.97 2.99 0.00	27.84 3.07 0.00	27.99 3.29 0.00	28.31 3.21 0.00	29.52 3.14 0.00	30.34 2.97 0.69	34.14 3.54 1.33	39.49 4.00 1.19	53.76 5.46 0.01	58.78 6.19 2.67	48.77 4.66 0.32	39.68 3.97 0.01	33.81 3.32 0.00	29.28 3.09 0.00	26.77 3.31 -0.01
SPIERFLS_115KV_TB 1 80737	23.44 1.07 0.00	21.39 1.02 0.00	20.41 0.92 0.00	20.36 0.88 0.00	21.11 0.93 0.00	23.39 1.07 0.00	30.99 1.56 0.00	40.09 2.13 0.00	34.57 1.96 0.00	28.36 1.38 0.00	25.89 1.11 0.00	25.81 1.11 0.00	26.40 1.31 0.00	27.63 1.24 0.00	29.15 1.09 0.00	33.40 1.44 -0.03	38.52 1.83 0.00	51.16 2.85 0.00	58.63 3.37 0.00	46.96 2.53 0.00	37.76 2.04 0.00	32.20 1.71 0.00	27.53 1.34 0.00	25.29 1.83 0.00
ST LAWRENCE____ 23600	21.94 -0.43 0.00	19.98 -0.39 0.01	19.09 -0.39 0.01	17.86 -0.39 1.23	19.84 -0.34 0.00	22.00 -0.31 0.00	29.02 -0.41 0.00	37.47 -0.49 0.00	32.09 -0.52 0.00	26.47 -0.51 0.00	24.37 -0.40 0.00	24.26 -0.44 0.00	24.75 -0.35 0.00	25.99 -0.40 0.00	27.64 -0.42 0.00	31.45 -0.48 0.00	36.20 -0.48 0.00	47.73 -0.58 0.00	54.54 -0.72 0.00	43.67 -0.76 0.00	35.09 -0.64 0.00	29.94 -0.55 0.00	25.72 -0.47 0.00	23.08 -0.38 0.00
STATE_CA_115KV_115_LB 55624	23.21 0.85 0.00	21.17 0.79 0.00	20.29 0.80 0.00	20.26 0.78 0.00	20.93 0.75 0.00	23.14 0.83 0.00	30.58 1.15 0.00	39.59 1.63 0.00	34.18 1.57 0.00	28.14 1.16 0.00	25.79 1.02 0.00	25.74 1.04 0.00	26.23 1.13 0.00	27.47 1.08 0.00	29.27 1.21 0.00	33.49 1.50 -0.06	38.48 1.80 0.00	50.87 2.56 0.00	58.13 2.87 0.00	46.60 2.18 0.00	37.55 1.82 0.00	31.89 1.40 0.00	27.37 1.18 0.00	24.44 0.99 0.00



STATE_ST_34_KV_LOAD 55959	22.19 -0.18 0.00	20.19 -0.18 0.00	19.30 -0.19 0.00	19.29 -0.19 0.00	20.00 -0.18 0.00	22.09 -0.22 0.00	29.25 -0.18 0.00	37.66 -0.30 0.00	32.26 -0.36 0.00	26.74 -0.24 0.00	24.47 -0.30 0.00	24.41 -0.30 0.00	24.72 -0.38 0.00	26.04 -0.34 0.00	27.70 -0.36 0.00	31.52 -0.42 -0.01	36.17 -0.51 0.00	47.53 -0.77 0.00	54.54 -0.72 0.00	44.02 -0.40 0.00	35.41 -0.32 0.00	30.21 -0.27 0.00	25.96 -0.24 0.00	23.15 -0.30 0.00
STATION_5_MISC_HYD 23604	21.67 -0.69 0.00	19.76 -0.61 0.00	18.85 -0.64 0.00	18.88 -0.60 0.00	19.58 -0.60 0.00	21.65 -0.67 0.00	28.55 -0.88 0.00	36.71 -1.25 0.00	31.41 -1.21 0.00	26.28 -0.70 0.00	24.10 -0.67 0.00	23.99 -0.72 0.00	24.27 -0.83 0.00	25.67 -0.71 0.00	27.19 -0.87 0.00	30.82 -1.12 -0.01	35.14 -1.54 0.00	44.23 -2.46 1.62	51.42 -2.60 1.24	42.66 -1.60 0.17	34.23 -1.50 0.00	29.48 -1.01 0.00	25.25 -0.94 0.00	22.75 -0.70 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.96 -0.40 0.00	19.99 -0.39 0.00	19.10 -0.39 0.00	19.05 -0.43 0.00	19.84 -0.34 0.00	21.91 -0.40 0.00	28.99 -0.44 0.00	37.39 -0.57 0.00	32.00 -0.62 0.00	26.66 -0.32 0.00	24.40 -0.37 0.00	24.31 -0.40 0.00	24.62 -0.48 0.00	25.99 -0.40 0.00	27.58 -0.48 0.00	31.27 -0.67 -0.01	35.76 -0.92 0.00	45.51 -1.59 1.21	52.73 -1.60 0.92	43.46 -0.84 0.12	34.91 -0.82 0.00	29.94 -0.55 0.00	25.67 -0.52 0.00	23.01 -0.45 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.56 -0.81 0.00	19.64 -0.73 0.00	18.77 -0.72 0.00	18.70 -0.78 0.00	19.47 -0.71 0.00	21.49 -0.83 0.00	28.37 -1.06 0.00	36.56 -1.40 0.00	31.31 -1.30 0.00	26.17 -0.81 0.00	24.00 -0.77 0.00	23.91 -0.79 0.00	24.19 -0.90 0.00	25.54 -0.84 0.00	27.11 -0.95 0.00	30.73 -1.21 -0.01	35.03 -1.65 0.00	44.14 -2.56 1.61	51.26 -2.76 1.24	42.53 -1.73 0.16	34.12 -1.61 0.00	29.33 -1.16 0.00	25.17 -1.02 0.00	22.61 -0.84 0.00
STA_56___34_KV_BUS2 355983	21.56 -0.81 0.00	19.64 -0.73 0.00	18.77 -0.72 0.00	18.70 -0.78 0.00	19.47 -0.71 0.00	21.49 -0.83 0.00	28.37 -1.06 0.00	36.56 -1.40 0.00	31.31 -1.30 0.00	26.17 -0.81 0.00	24.00 -0.77 0.00	23.91 -0.79 0.00	24.19 -0.90 0.00	25.54 -0.84 0.00	27.11 -0.95 0.00	30.73 -1.21 -0.01	35.03 -1.65 0.00	44.14 -2.56 1.61	51.26 -2.76 1.24	42.53 -1.73 0.16	34.12 -1.61 0.00	29.33 -1.16 0.00	25.17 -1.02 0.00	22.61 -0.84 0.00
STA_67___115KV_BK2 355882	21.63 -0.74 0.00	19.68 -0.69 0.00	18.81 -0.68 0.00	18.76 -0.72 0.00	19.53 -0.65 0.00	21.53 -0.78 0.00	28.43 -1.00 0.00	36.59 -1.37 0.00	31.35 -1.27 0.00	26.22 -0.76 0.00	24.05 -0.72 0.00	23.94 -0.77 0.00	24.22 -0.88 0.00	25.59 -0.79 0.00	27.13 -0.93 0.00	30.76 -1.18 -0.01	35.07 -1.61 0.00	44.13 -2.56 1.62	51.31 -2.71 1.24	42.53 -1.73 0.17	34.16 -1.57 0.00	29.36 -1.13 0.00	25.23 -0.97 0.00	22.68 -0.77 0.00
STA_7___115KV_9TRANS 80674	21.74 -0.63 0.00	19.78 -0.59 0.00	18.91 -0.58 0.00	18.84 -0.64 0.00	19.64 -0.54 0.00	21.67 -0.65 0.00	28.61 -0.82 0.00	36.86 -1.10 0.00	31.54 -1.08 0.00	26.39 -0.59 0.00	24.20 -0.57 0.00	24.11 -0.59 0.00	24.39 -0.70 0.00	25.78 -0.61 0.00	27.33 -0.73 0.00	30.95 -0.99 -0.01	35.32 -1.36 0.00	44.42 -2.27 1.62	51.64 -2.38 1.24	42.88 -1.38 0.16	34.41 -1.32 0.00	29.57 -0.91 0.00	25.36 -0.84 0.00	22.80 -0.66 0.00
STA_82___115KV_TB1 80780	21.63 -0.74 0.00	19.70 -0.67 0.00	18.83 -0.66 0.00	18.76 -0.72 0.00	19.55 -0.63 0.00	21.56 -0.76 0.00	28.46 -0.97 0.00	36.59 -1.37 0.00	31.35 -1.27 0.00	26.22 -0.76 0.00	24.05 -0.72 0.00	23.96 -0.74 0.00	24.22 -0.88 0.00	25.59 -0.79 0.00	27.16 -0.90 0.00	30.76 -1.18 -0.01	35.10 -1.58 0.00	44.15 -2.56 1.60	51.32 -2.71 1.23	42.57 -1.69 0.16	34.16 -1.57 0.00	29.39 -1.10 0.00	25.23 -0.97 0.00	22.68 -0.77 0.00
STEEL___WIND 323596	21.52 -0.85 0.00	19.68 -0.69 0.00	18.75 -0.74 0.00	18.84 -0.64 0.00	19.55 -0.63 0.00	21.60 -0.71 0.00	28.43 -1.00 0.00	36.10 -1.86 0.00	30.79 -1.83 0.00	26.01 -0.97 0.00	23.98 -0.79 0.00	23.81 -0.89 0.00	23.99 -1.10 0.00	25.57 -0.82 0.00	27.05 -1.01 0.00	30.00 -1.95 -0.02	34.63 -2.05 0.00	42.32 -4.59 1.39	49.38 -4.81 1.07	41.22 -3.06 0.14	33.33 -2.39 0.00	29.00 -1.49 0.00	24.99 -1.20 0.00	22.78 -0.68 0.00
STEPHTWN_115KV_BK_2 55603	23.35 0.98 0.00	21.31 0.94 0.00	20.41 0.92 0.00	20.38 0.90 0.00	21.05 0.87 0.00	23.30 0.98 0.00	30.81 1.38 0.00	39.93 1.97 0.00	34.44 1.83 0.00	28.33 1.35 0.00	25.93 1.16 0.00	25.86 1.16 0.00	26.38 1.28 0.00	27.60 1.21 0.00	29.41 1.35 0.00	33.70 1.69 -0.07	38.74 2.05 0.00	51.30 3.00 0.00	58.68 3.43 0.00	47.00 2.58 0.00	37.87 2.14 0.00	32.10 1.62 0.00	27.56 1.36 0.00	24.61 1.15 0.00
STEUBEN_REC_LFGE 323667	22.23 -0.13 0.00	20.27 -0.10 0.00	19.33 -0.16 0.00	19.31 -0.18 0.00	20.18 0.00 0.00	22.23 -0.09 0.00	29.31 -0.12 0.00	37.58 -0.38 0.00	32.62 0.00 0.00	27.52 0.54 0.00	25.32 0.54 0.00	25.17 0.47 0.00	25.32 0.23 0.00	26.86 0.47 0.00	27.92 -0.14 0.00	31.13 -0.83 -0.03	35.58 -1.10 0.00	44.44 -2.95 0.92	51.79 -2.76 0.70	42.86 -1.47 0.09	34.58 -1.14 0.00	29.85 -0.64 0.00	25.75 -0.45 0.00	23.15 -0.30 0.00
STILLWATER___SOLAR 323814	23.59 1.23 0.00	21.52 1.14 0.00	20.54 1.05 0.00	20.49 1.01 0.00	21.25 1.07 0.00	23.50 1.18 0.00	31.14 1.71 0.00	40.24 2.28 0.00	34.71 2.09 0.00	28.52 1.54 0.00	26.06 1.29 0.00	26.01 1.31 0.00	26.53 1.43 0.00	27.78 1.40 0.00	29.52 1.46 0.00	33.75 1.79 -0.04	38.92 2.24 0.00	51.54 3.24 0.00	59.02 3.76 0.00	47.35 2.93 0.00	38.12 2.39 0.00	32.38 1.89 0.00	27.77 1.57 0.00	24.84 1.38 0.00
STONY___BROOK 24151	24.65 2.28 0.00	22.31 1.94 0.00	21.30 1.81 0.00	21.25 1.77 0.00	22.08 1.90 0.00	24.50 2.19 0.00	31.36 1.94 0.01	32.96 1.97 6.97	32.38 2.15 2.39	29.27 2.29 0.00	27.17 2.40 0.00	27.27 2.57 0.00	27.61 2.51 0.00	28.76 2.38 0.00	29.42 2.05 0.69	32.96 2.36 1.33	38.06 2.57 1.19	51.63 3.33 0.01	56.30 3.70 2.66	46.86 2.76 0.31	38.29 2.57 0.01	32.65 2.16 0.00	28.58 2.38 0.00	26.09 2.63 -0.01
STURGEON_POOL_HYD 23609	23.84 1.48 0.00	21.70 1.32 0.00	20.76 1.27 0.00	20.77 1.29 0.00	21.47 1.29 0.00	23.72 1.41 0.00	31.14 1.71 0.00	40.31 2.35 0.00	34.90 2.28 0.00	28.95 1.97 0.00	26.70 1.93 0.00	26.65 1.95 0.00	27.08 1.98 0.00	28.42 2.03 0.00	30.25 2.19 0.00	34.67 2.65 -0.09	39.40 2.71 0.00	51.88 3.57 0.00	59.24 3.98 0.00	47.53 3.11 0.00	38.30 2.57 0.00	32.65 2.16 0.00	28.08 1.89 0.00	25.12 1.67 0.00
ST_LAW_115_BK7_LBMP 345037	21.92 -0.45 0.00	19.96 -0.41 0.01	19.09 -0.39 0.01	17.87 -0.39 1.22	19.84 -0.34 0.00	21.98 -0.33 0.00	28.99 -0.44 0.00	37.47 -0.49 0.00	32.06 -0.55 0.00	26.47 -0.51 0.00	24.35 -0.42 0.00	24.23 -0.47 0.00	24.72 -0.38 0.00	25.99 -0.40 0.00	27.64 -0.42 0.00	31.45 -0.48 0.00	36.20 -0.48 0.00	47.78 -0.53 0.00	54.48 -0.77 0.00	43.62 -0.80 0.00	35.09 -0.64 0.00	29.91 -0.58 0.00	25.70 -0.50 0.00	23.08 -0.38 0.00



ST_LAW_115_BK8_LBMP 345038	21.92 -0.45 0.00	19.96 -0.41 0.01	19.09 -0.39 0.01	17.87 -0.39 1.22	19.84 -0.34 0.00	21.98 -0.33 0.00	28.99 -0.44 0.00	37.47 -0.49 0.00	32.06 -0.55 0.00	26.47 -0.51 0.00	24.35 -0.42 0.00	24.23 -0.47 0.00	24.72 -0.38 0.00	25.99 -0.40 0.00	27.64 -0.42 0.00	31.45 -0.48 0.00	36.20 -0.48 0.00	47.78 -0.53 0.00	54.48 -0.77 0.00	43.62 -0.80 0.00	35.09 -0.64 0.00	29.91 -0.58 0.00	25.70 -0.50 0.00	23.08 -0.38 0.00
ST_LAW_230_BK5_LBMP 345035	21.94 -0.43 0.00	19.98 -0.39 0.01	19.09 -0.39 0.01	17.85 -0.39 1.24	19.84 -0.34 0.00	22.00 -0.31 0.00	29.02 -0.41 0.00	37.47 -0.49 0.00	32.09 -0.52 0.00	26.47 -0.51 0.00	24.37 -0.40 0.00	24.26 -0.44 0.00	24.75 -0.35 0.00	25.99 -0.40 0.00	27.64 -0.42 0.00	31.45 -0.48 0.00	36.20 -0.48 0.00	47.73 -0.58 0.00	54.54 -0.72 0.00	43.67 -0.76 0.00	35.09 -0.64 0.00	29.94 -0.55 0.00	25.72 -0.47 0.00	23.08 -0.38 0.00
ST_LAW_230_BK6_LBMP 345036	21.94 -0.43 0.00	19.98 -0.39 0.01	19.09 -0.39 0.01	17.85 -0.39 1.24	19.84 -0.34 0.00	22.00 -0.31 0.00	29.02 -0.41 0.00	37.47 -0.49 0.00	32.09 -0.52 0.00	26.47 -0.51 0.00	24.37 -0.40 0.00	24.26 -0.44 0.00	24.75 -0.35 0.00	25.99 -0.40 0.00	27.64 -0.42 0.00	31.45 -0.48 0.00	36.20 -0.48 0.00	47.73 -0.58 0.00	54.54 -0.72 0.00	43.67 -0.76 0.00	35.09 -0.64 0.00	29.94 -0.55 0.00	25.72 -0.47 0.00	23.08 -0.38 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.75 1.39 0.00	21.64 1.26 0.00	20.70 1.21 0.00	20.71 1.23 0.00	21.41 1.23 0.00	23.68 1.36 0.00	31.08 1.65 0.00	40.20 2.24 0.00	34.74 2.12 0.00	28.81 1.83 0.00	26.53 1.76 0.00	26.48 1.78 0.00	26.90 1.81 0.00	28.26 1.87 0.00	30.08 2.02 0.00	34.35 2.33 -0.09	39.29 2.60 0.00	51.74 3.43 0.00	59.13 3.87 0.00	47.44 3.02 0.00	38.16 2.43 0.00	32.53 2.04 0.00	27.95 1.76 0.00	25.03 1.57 0.00
SWANROAD_115KV_TB1 355699	20.78 -1.59 0.00	18.95 -1.43 0.00	18.11 -1.38 0.00	18.04 -1.44 0.00	18.87 -1.31 0.00	20.69 -1.63 0.00	27.16 -2.27 0.00	34.58 -3.38 0.00	29.65 -2.97 0.00	25.06 -1.92 0.00	23.09 -1.68 0.00	22.95 -1.75 0.00	23.14 -1.96 0.00	24.54 -1.85 0.00	26.01 -2.05 0.00	29.07 -2.87 -0.02	33.27 -3.41 0.00	40.84 -5.99 1.47	47.61 -6.52 1.13	39.83 -4.44 0.15	32.08 -3.64 0.00	27.84 -2.65 0.00	24.07 -2.12 0.00	21.86 -1.60 0.00
SYNERGY___BIOGAS 323694	21.65 -0.72 0.00	19.76 -0.61 0.00	18.83 -0.66 0.00	18.88 -0.60 0.00	19.59 -0.59 0.00	21.69 -0.62 0.00	28.61 -0.82 0.00	36.71 -1.25 0.00	31.25 -1.37 0.00	26.25 -0.73 0.00	24.10 -0.67 0.00	23.96 -0.74 0.00	24.17 -0.93 0.00	25.67 -0.71 0.00	27.19 -0.87 0.00	30.51 -1.44 -0.01	34.92 -1.76 0.00	43.31 -3.48 1.52	50.50 -3.59 1.16	42.23 -2.04 0.16	33.91 -1.82 0.00	29.39 -1.10 0.00	25.17 -1.02 0.00	22.82 -0.63 0.00
SYRACUSE___ENERGY_ST1 323597	22.10 -0.27 0.00	20.11 -0.26 0.00	19.24 -0.25 0.00	19.23 -0.25 0.00	19.92 -0.26 0.00	22.00 -0.31 0.00	29.11 -0.32 0.00	37.47 -0.49 0.00	32.13 -0.49 0.00	26.60 -0.38 0.00	24.37 -0.40 0.00	24.31 -0.40 0.00	24.67 -0.43 0.00	25.96 -0.42 0.00	27.61 -0.45 0.00	31.39 -0.54 -0.01	36.02 -0.66 0.00	47.44 -0.87 0.00	54.37 -0.88 0.00	43.85 -0.58 0.00	35.26 -0.46 0.00	30.09 -0.40 0.00	25.85 -0.34 0.00	23.08 -0.38 0.00
SYRACUSE___ENERGY_ST2 323598	22.10 -0.27 0.00	20.11 -0.26 0.00	19.24 -0.25 0.00	19.23 -0.25 0.00	19.92 -0.26 0.00	22.00 -0.31 0.00	29.11 -0.32 0.00	37.47 -0.49 0.00	32.13 -0.49 0.00	26.60 -0.38 0.00	24.37 -0.40 0.00	24.31 -0.40 0.00	24.67 -0.43 0.00	25.96 -0.42 0.00	27.61 -0.45 0.00	31.39 -0.54 -0.01	36.02 -0.66 0.00	47.44 -0.87 0.00	54.37 -0.88 0.00	43.85 -0.58 0.00	35.26 -0.46 0.00	30.09 -0.40 0.00	25.85 -0.34 0.00	23.08 -0.38 0.00
SYRACUSE___POWER 24017	22.05 -0.31 0.00	20.07 -0.31 0.00	19.20 -0.29 0.00	19.19 -0.29 0.00	19.88 -0.30 0.00	21.98 -0.33 0.00	29.05 -0.38 0.00	37.43 -0.53 0.00	32.10 -0.52 0.00	26.58 -0.40 0.00	24.35 -0.42 0.00	24.28 -0.42 0.00	24.62 -0.48 0.00	25.94 -0.45 0.00	27.55 -0.51 0.00	31.36 -0.57 -0.01	35.95 -0.73 0.00	46.96 -0.97 0.38	53.97 -0.99 0.29	43.72 -0.67 0.04	35.23 -0.50 0.00	30.06 -0.43 0.00	25.80 -0.39 0.00	23.03 -0.42 0.00
TALLMAN___138KV_BK151 55660	23.84 1.48 0.00	21.72 1.34 0.00	20.78 1.29 0.00	20.79 1.31 0.00	21.51 1.33 0.00	23.77 1.45 0.00	31.20 1.77 0.00	40.31 2.35 0.00	34.87 2.25 0.00	28.92 1.94 0.00	26.65 1.88 0.00	26.63 1.93 0.00	27.05 1.96 0.00	28.42 2.03 0.00	30.25 2.19 0.00	34.51 2.49 -0.09	39.47 2.79 0.00	51.98 3.67 0.00	59.40 4.14 0.00	47.62 3.20 0.00	38.30 2.57 0.00	32.62 2.13 0.00	28.06 1.86 0.00	25.12 1.67 0.00
TEALLAVE_115KV_TB7 355573	22.01 -0.36 0.00	20.03 -0.35 0.00	19.16 -0.33 0.00	19.15 -0.33 0.00	19.86 -0.32 0.00	21.94 -0.38 0.00	28.99 -0.44 0.00	37.32 -0.65 0.00	32.00 -0.62 0.00	26.52 -0.46 0.00	24.30 -0.47 0.00	24.23 -0.47 0.00	24.60 -0.50 0.00	25.88 -0.50 0.00	27.50 -0.56 0.00	31.30 -0.64 0.00	35.87 -0.81 0.00	46.64 -1.11 0.56	53.67 -1.16 0.43	43.57 -0.80 0.06	35.12 -0.61 0.00	29.97 -0.52 0.00	25.75 -0.45 0.00	22.99 -0.47 0.00
TELGRAPH_34_KV_EAST 80808	21.31 -1.05 0.00	19.42 -0.96 0.00	18.57 -0.92 0.00	18.49 -0.99 0.00	19.33 -0.85 0.00	21.27 -1.05 0.00	28.02 -1.41 0.00	35.84 -2.13 0.00	30.66 -1.96 0.00	25.85 -1.13 0.00	23.75 -1.02 0.00	23.62 -1.09 0.00	23.82 -1.28 0.00	25.28 -1.11 0.00	26.80 -1.26 0.00	30.00 -1.95 -0.02	34.33 -2.35 0.00	42.36 -4.44 1.50	49.41 -4.70 1.15	41.29 -2.98 0.15	33.19 -2.54 0.00	28.75 -1.74 0.00	24.75 -1.44 0.00	22.42 -1.03 0.00
TEMPLE___115KV_TB 2 55572	22.01 -0.36 0.00	20.05 -0.33 0.00	19.16 -0.33 0.00	19.15 -0.33 0.00	19.86 -0.32 0.00	21.94 -0.38 0.00	28.99 -0.44 0.00	37.32 -0.65 0.00	32.00 -0.62 0.00	26.52 -0.46 0.00	24.32 -0.45 0.00	24.23 -0.47 0.00	24.60 -0.50 0.00	25.91 -0.47 0.00	27.53 -0.53 0.00	31.33 -0.61 0.00	35.87 -0.81 0.00	46.63 -1.11 0.57	53.66 -1.16 0.43	43.57 -0.80 0.06	35.12 -0.61 0.00	30.00 -0.49 0.00	25.75 -0.45 0.00	23.01 -0.45 0.00
TIANA____69_KV_BK 1 55817	24.91 2.55 0.00	22.56 2.18 0.00	21.50 2.01 0.00	21.49 2.01 0.00	22.30 2.12 0.00	24.84 2.52 0.00	31.46 2.03 0.00	33.44 2.47 6.99	32.77 2.54 2.39	29.52 2.54 0.00	27.37 2.60 0.00	27.49 2.79 0.00	27.83 2.74 0.00	29.02 2.64 0.00	29.79 2.41 0.68	33.45 2.84 1.32	38.62 3.12 1.18	52.56 4.25 0.00	57.40 4.81 2.66	47.67 3.55 0.31	38.84 3.11 0.00	33.14 2.65 0.00	28.81 2.62 0.00	26.27 2.81 0.00
TILDEN___115KV_TB1 80814	22.05 -0.31 0.00	20.07 -0.31 0.00	19.20 -0.29 0.00	19.19 -0.29 0.00	19.88 -0.30 0.00	21.98 -0.33 0.00	29.05 -0.38 0.00	37.43 -0.53 0.00	32.10 -0.52 0.00	26.58 -0.40 0.00	24.35 -0.42 0.00	24.28 -0.42 0.00	24.62 -0.48 0.00	25.94 -0.45 0.00	27.55 -0.51 0.00	31.36 -0.57 -0.01	35.95 -0.73 0.00	46.96 -0.97 0.38	53.97 -0.99 0.29	43.72 -0.67 0.04	35.23 -0.50 0.00	30.06 -0.43 0.00	25.80 -0.39 0.00	23.03 -0.42 0.00



TRIGEN___CC 323695	24.27 1.90 0.00	22.03 1.65 0.00	21.05 1.56 0.00	21.04 1.56 0.00	21.77 1.59 0.00	24.17 1.85 0.00	31.23 1.80 0.00	38.39 2.28 1.85	34.37 2.38 0.63	29.25 2.27 0.00	27.05 2.28 0.00	27.12 2.42 0.00	27.51 2.41 0.00	28.76 2.37 0.00	30.24 2.36 0.18	34.30 2.65 0.28	39.19 2.82 0.31	52.17 3.86 0.00	58.86 4.31 0.70	47.63 3.29 0.08	38.48 2.75 0.00	32.87 2.38 0.00	28.42 2.23 0.00	25.66 2.20 0.00
TRINITY___115KV___4 BK 55933	23.15 0.78 0.00	21.13 0.75 0.00	20.25 0.76 0.00	20.22 0.74 0.00	20.89 0.71 0.00	23.10 0.78 0.00	30.49 1.06 0.00	39.52 1.56 0.00	34.12 1.50 0.00	28.09 1.11 0.00	25.74 0.97 0.00	25.72 1.01 0.00	26.18 1.08 0.00	27.41 1.03 0.00	29.18 1.12 0.00	33.41 1.40 -0.07	38.41 1.72 0.00	50.72 2.42 0.00	57.97 2.71 0.00	46.47 2.04 0.00	37.44 1.71 0.00	31.80 1.31 0.00	27.32 1.13 0.00	24.39 0.94 0.00
UNION___PROCESSING_DRP 323587	21.63 -0.74 0.00	19.70 -0.67 0.00	18.83 -0.66 0.00	18.76 -0.72 0.00	19.55 -0.63 0.00	21.56 -0.76 0.00	28.46 -0.97 0.00	36.63 -1.33 0.00	31.35 -1.27 0.00	26.22 -0.76 0.00	24.05 -0.72 0.00	23.96 -0.74 0.00	24.24 -0.85 0.00	25.59 -0.79 0.00	27.16 -0.90 0.00	30.76 -1.18 -0.01	35.10 -1.58 0.00	44.20 -2.51 1.59	51.33 -2.71 1.22	42.57 -1.69 0.16	34.16 -1.57 0.00	29.39 -1.10 0.00	25.23 -0.97 0.00	22.68 -0.77 0.00
UPPER HUDSON___HYD 24058	23.44 1.07 0.00	21.39 1.02 0.00	20.41 0.92 0.00	20.36 0.88 0.00	21.11 0.93 0.00	23.39 1.07 0.00	31.02 1.59 0.00	40.12 2.16 0.00	34.57 1.96 0.00	28.36 1.38 0.00	25.89 1.12 0.00	25.81 1.11 0.00	26.40 1.30 0.00	27.63 1.24 0.00	29.15 1.09 0.00	33.40 1.44 -0.03	38.51 1.83 0.00	51.16 2.85 0.00	58.63 3.37 0.00	46.95 2.53 0.00	37.76 2.04 0.00	32.16 1.68 0.00	27.53 1.34 0.00	24.68 1.22 0.00
UPPER RAQUET___HYD 24056	22.10 -0.27 0.00	20.13 -0.24 0.01	19.23 -0.25 0.01	18.28 -0.23 0.97	23.92 -0.18 -3.93	26.49 -0.07 -4.24	34.67 -0.03 -5.27	44.46 0.04 -6.46	37.04 -0.23 -4.65	26.66 -0.32 0.00	24.50 -0.27 0.00	24.38 -0.32 0.00	28.41 -0.25 -3.56	30.93 -0.26 -4.81	32.83 -0.28 -5.05	37.22 -0.32 -5.61	36.64 -0.07 -0.03	49.99 0.00 -1.69	63.76 -0.27 -8.77	51.32 -0.40 -7.29	35.37 -0.36 0.00	30.18 -0.30 0.00	25.88 -0.31 0.00	23.24 -0.21 0.00
VALLEY44_115KV_TB2 355964	21.87 -0.49 0.00	19.99 -0.39 0.00	19.12 -0.37 0.00	19.11 -0.37 0.00	19.98 -0.20 0.00	22.00 -0.31 0.00	28.90 -0.53 0.00	36.71 -1.25 0.00	31.25 -1.37 0.00	26.39 -0.59 0.00	24.30 -0.47 0.00	24.13 -0.57 0.00	24.32 -0.78 0.00	25.94 -0.45 0.00	27.44 -0.62 0.00	29.97 -1.98 -0.02	35.29 -1.39 0.00	42.49 -4.54 1.27	49.53 -4.75 0.98	41.54 -2.75 0.13	33.80 -1.93 0.00	29.27 -1.22 0.00	25.30 -0.89 0.00	23.06 -0.40 0.00
VALLEY___115KV_TB 1-4 80826	22.54 0.18 0.00	20.54 0.16 0.00	19.63 0.14 0.00	19.68 0.14 -0.06	20.32 0.14 0.00	22.49 0.18 0.00	29.69 0.26 0.00	38.23 0.27 0.00	32.85 0.23 0.00	27.17 0.19 0.00	24.92 0.15 0.00	24.90 0.20 0.00	25.20 0.10 0.00	26.44 0.05 0.00	28.06 0.00 0.00	31.93 0.00 0.00	36.72 0.04 0.00	48.36 0.05 0.00	55.20 -0.06 0.00	44.29 -0.13 0.00	35.58 -0.14 0.00	30.40 -0.09 0.00	26.09 -0.10 0.00	23.32 -0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.73 1.36 0.00	21.62 1.24 0.00	20.66 1.17 0.00	20.67 1.19 0.00	21.43 1.25 0.00	23.74 1.43 0.00	31.34 1.91 0.00	40.47 2.51 0.00	34.74 2.12 0.00	28.73 1.75 0.00	26.31 1.54 0.00	26.23 1.53 0.00	26.48 1.38 0.00	27.89 1.50 0.00	29.69 1.63 0.00	33.74 1.76 -0.05	38.88 2.20 0.00	50.72 2.75 0.34	58.09 3.09 0.26	47.14 2.75 0.03	37.98 2.25 0.00	32.53 2.04 0.00	27.90 1.70 0.00	24.96 1.50 0.00
VISCHER___FERRY HYD 24020	23.46 1.10 0.00	21.37 1.00 0.00	20.45 0.95 0.00	20.42 0.94 0.00	21.15 0.97 0.00	23.39 1.07 0.00	30.90 1.47 0.00	40.05 2.09 0.00	34.54 1.92 0.00	28.41 1.43 0.00	26.03 1.26 0.00	26.01 1.31 0.00	26.45 1.35 0.00	27.73 1.34 0.00	29.49 1.43 0.00	33.73 1.75 -0.05	38.84 2.16 0.00	51.30 3.00 0.00	58.69 3.43 0.00	47.00 2.58 0.00	37.91 2.18 0.00	32.19 1.71 0.00	27.66 1.47 0.00	24.70 1.24 0.00
V_A_10_SYNC_DSASP 323832	21.20 -1.16 0.00	19.40 -0.98 0.00	18.48 -1.01 0.00	18.55 -0.93 0.00	19.23 -0.95 0.00	21.22 -1.09 0.00	27.90 -1.53 0.00	35.57 -2.39 0.00	30.43 -2.19 0.00	25.63 -1.35 0.00	23.56 -1.21 0.00	23.44 -1.26 0.00	23.67 -1.43 0.00	25.07 -1.32 0.00	26.54 -1.52 0.00	29.99 -1.95 -0.01	34.11 -2.57 0.00	42.56 -4.15 1.60	49.56 -4.47 1.22	41.20 -3.06 0.16	33.05 -2.68 0.00	28.66 -1.83 0.00	24.65 -1.55 0.00	22.33 -1.13 0.00
V_CMM_10_SYNC_DSASP 323787	22.01 -0.36 0.00	20.04 -0.33 0.01	19.17 -0.31 0.01	17.95 -0.31 1.22	19.92 -0.26 0.00	22.09 -0.22 0.00	29.14 -0.29 0.00	37.62 -0.34 0.00	32.19 -0.42 0.00	26.55 -0.43 0.00	24.45 -0.32 0.00	24.33 -0.37 0.00	24.85 -0.25 0.00	26.10 -0.29 0.00	27.75 -0.31 0.00	31.58 -0.35 0.00	36.39 -0.29 0.00	47.97 -0.34 0.00	54.71 -0.55 0.00	43.80 -0.62 0.00	35.19 -0.53 0.00	30.00 -0.49 0.00	25.78 -0.42 0.00	23.18 -0.28 0.00
V_CMP_10_SYNC_DSASP 323788	22.12 -0.25 0.00	20.08 -0.29 0.01	19.11 -0.37 0.01	17.85 -0.43 1.20	-7.07 -0.38 26.86	-7.02 -0.29 29.04	-6.99 -0.38 36.03	-6.68 -0.42 44.22	0.21 -0.62 31.79	26.47 -0.51 0.00	24.47 -0.30 0.00	23.94 -0.77 0.00	0.11 -0.63 24.36	-7.24 -0.69 32.94	-7.22 -0.70 34.58	-7.26 -0.80 38.39	35.67 -0.81 0.20	35.70 -1.06 11.55	-6.12 -1.33 60.05	-6.35 -0.85 49.92	35.05 -0.68 0.00	29.85 -0.64 0.00	25.62 -0.58 0.00	23.08 -0.38 0.00
V_D_10_SYNC_DSASP 323841	22.10 -0.27 0.00	20.12 -0.24 0.01	19.25 -0.23 0.01	18.07 -0.23 1.18	20.83 -0.16 -0.81	23.08 -0.11 -0.88	30.38 -0.15 -1.09	39.19 -0.11 -1.34	33.29 -0.29 -0.96	26.66 -0.32 0.00	24.52 -0.25 0.00	24.43 -0.27 0.00	25.66 -0.17 -0.74	27.20 -0.18 -1.00	28.91 -0.20 -1.05	32.84 -0.26 -1.16	36.58 -0.11 -0.01	48.56 -0.10 -0.35	56.75 -0.33 -1.82	45.49 -0.44 -1.51	35.33 -0.39 0.00	30.12 -0.36 0.00	25.88 -0.31 0.00	23.27 -0.19 0.00
V_E_10_SYNC_DSASP 323830	23.59 1.23 0.00	21.43 1.06 0.00	20.41 0.92 0.00	20.46 0.97 0.00	21.21 1.03 0.00	23.61 1.29 0.00	31.52 2.09 0.00	40.66 2.70 0.00	34.44 1.83 0.00	28.30 1.32 0.00	25.69 0.92 0.00	25.59 0.89 0.00	25.62 0.53 0.00	27.12 0.74 0.00	28.96 0.90 0.00	32.86 0.89 -0.04	38.37 1.69 0.00	50.21 2.32 0.41	57.76 2.82 0.32	47.23 2.85 0.04	38.02 2.29 0.00	32.65 2.16 0.00	27.82 1.62 0.00	24.75 1.29 0.00
V_F_30_NSYNC___DSASP 323816	23.62 1.25 0.00	21.54 1.16 0.00	20.56 1.07 0.00	20.51 1.03 0.00	21.27 1.09 0.00	23.52 1.20 0.00	31.17 1.74 0.00	40.28 2.32 0.00	34.74 2.12 0.00	28.54 1.56 0.00	26.08 1.31 0.00	26.04 1.33 0.00	26.55 1.46 0.00	27.81 1.42 0.00	29.55 1.49 0.00	33.82 1.85 -0.04	38.96 2.28 0.00	51.64 3.33 0.00	59.12 3.87 0.00	47.40 2.98 0.00	38.16 2.43 0.00	32.41 1.92 0.00	27.79 1.60 0.00	24.86 1.41 0.00



V_F_30_SYNC_DSASP 323786	23.19 0.83 0.00	21.17 0.79 0.00	20.29 0.80 0.00	20.26 0.78 0.00	20.93 0.75 0.00	23.14 0.83 0.00	30.58 1.15 0.00	39.59 1.63 0.00	34.18 1.57 0.00	28.14 1.16 0.00	25.79 1.02 0.00	25.74 1.04 0.00	26.23 1.13 0.00	27.47 1.08 0.00	29.27 1.21 0.00	33.49 1.50 -0.06	38.48 1.80 0.00	50.87 2.56 0.00	58.13 2.87 0.00	46.60 2.18 0.00	37.55 1.82 0.00	31.89 1.40 0.00	27.37 1.18 0.00	24.44 0.99 0.00
V_XM_10_SYNC_DSASP 323789	22.12 -0.25 0.00	20.08 -0.29 0.01	19.11 -0.37 0.01	17.85 -0.43 1.20	-7.07 -0.38 26.86	-7.02 -0.29 29.04	-6.99 -0.38 36.03	-6.68 -0.42 44.22	0.21 -0.62 31.79	26.47 -0.51 0.00	24.47 -0.30 0.00	23.94 -0.77 0.00	0.11 -0.63 24.36	-7.24 -0.69 32.94	-7.22 -0.70 34.58	-7.26 -0.80 38.39	35.67 -0.81 0.20	35.70 -1.06 11.55	-6.12 -1.33 60.05	-6.35 -0.85 49.92	35.05 -0.68 0.00	29.85 -0.64 0.00	25.62 -0.58 0.00	23.08 -0.38 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.89 1.52 0.00	21.76 1.39 0.00	20.82 1.33 0.00	20.83 1.34 0.00	21.55 1.37 0.00	23.81 1.50 0.00	31.25 1.82 0.00	40.43 2.47 0.00	34.93 2.32 0.00	28.98 2.00 0.00	26.70 1.93 0.00	26.65 1.95 0.00	27.10 2.01 0.00	28.47 2.08 0.00	30.30 2.24 0.00	34.61 2.59 -0.09	39.54 2.86 0.00	52.12 3.82 0.00	59.51 4.25 0.00	47.76 3.33 0.00	38.37 2.64 0.00	32.71 2.23 0.00	28.11 1.91 0.00	25.17 1.71 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.15 1.79 0.00	21.98 1.61 0.00	21.03 1.54 0.00	21.04 1.56 0.00	21.73 1.55 0.00	24.01 1.70 0.00	31.52 2.09 0.00	40.77 2.81 0.00	35.46 2.84 0.00	29.43 2.46 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.58 2.48 0.00	28.97 2.59 0.00	30.78 2.72 0.00	35.12 3.10 -0.10	39.98 3.30 0.00	52.70 4.40 0.00	60.18 4.92 0.00	48.20 3.78 0.00	38.91 3.18 0.00	33.14 2.65 0.00	28.50 2.31 0.00	25.50 2.04 0.00
W50THST__13_KV_LOAD 356117	24.24 1.88 0.00	22.07 1.69 0.00	21.11 1.62 0.00	21.12 1.64 0.00	21.81 1.63 0.00	24.10 1.79 0.00	31.67 2.24 0.00	41.00 3.04 0.00	35.65 3.03 0.00	29.60 2.62 0.00	27.30 2.53 0.00	27.30 2.59 0.00	27.76 2.66 0.00	29.13 2.74 0.00	30.98 2.92 0.00	35.32 3.29 -0.10	40.24 3.56 0.00	52.99 4.69 0.00	60.51 5.25 0.00	48.47 4.04 0.00	39.09 3.36 0.00	33.29 2.80 0.00	28.61 2.41 0.00	25.59 2.13 0.00
WADING RIVER_IC_1 23522	24.76 2.39 0.00	22.41 2.04 0.00	21.38 1.89 0.00	21.33 1.85 0.00	22.16 1.98 0.00	24.61 2.30 0.00	31.48 2.06 0.01	33.16 2.20 7.00	32.50 2.28 2.40	29.30 2.32 0.00	27.20 2.43 0.00	27.30 2.59 0.00	27.63 2.53 0.00	28.79 2.40 0.00	29.56 2.19 0.69	33.18 2.59 1.33	38.28 2.79 1.19	52.12 3.82 0.01	56.90 4.31 2.67	47.22 3.11 0.32	38.58 2.86 0.01	32.80 2.32 0.00	28.58 2.38 0.00	26.11 2.65 -0.01
WADING RIVER_IC_2 23547	24.76 2.39 0.00	22.41 2.04 0.00	21.38 1.89 0.00	21.33 1.85 0.00	22.16 1.98 0.00	24.61 2.30 0.00	31.48 2.06 0.01	33.16 2.20 7.00	32.50 2.28 2.40	29.30 2.32 0.00	27.20 2.43 0.00	27.30 2.59 0.00	27.63 2.53 0.00	28.79 2.40 0.00	29.56 2.19 0.69	33.18 2.59 1.33	38.28 2.79 1.19	52.12 3.82 0.01	56.90 4.31 2.67	47.22 3.11 0.32	38.58 2.86 0.01	32.80 2.32 0.00	28.58 2.38 0.00	26.11 2.65 -0.01
WADING RIVER_IC_3 23601	24.76 2.39 0.00	22.41 2.04 0.00	21.38 1.89 0.00	21.33 1.85 0.00	22.16 1.98 0.00	24.61 2.30 0.00	31.48 2.06 0.01	33.16 2.20 7.00	32.50 2.28 2.40	29.30 2.32 0.00	27.20 2.43 0.00	27.30 2.59 0.00	27.63 2.53 0.00	28.79 2.40 0.00	29.56 2.19 0.69	33.18 2.59 1.33	38.28 2.79 1.19	52.12 3.82 0.01	56.90 4.31 2.67	47.22 3.11 0.32	38.58 2.86 0.01	32.80 2.32 0.00	28.58 2.38 0.00	26.11 2.65 -0.01
WALDENNY_12_KV_BK2 80841	21.49 -0.87 0.00	19.58 -0.79 0.00	18.73 -0.76 0.00	18.68 -0.80 0.00	19.53 -0.65 0.00	21.47 -0.85 0.00	28.25 -1.18 0.00	35.99 -1.97 0.00	30.79 -1.83 0.00	26.04 -0.94 0.00	24.00 -0.77 0.00	23.84 -0.86 0.00	24.02 -1.08 0.00	25.54 -0.84 0.00	27.08 -0.98 0.00	30.06 -1.88 -0.02	34.63 -2.05 0.00	42.36 -4.54 1.40	49.38 -4.81 1.07	41.21 -3.07 0.14	33.30 -2.43 0.00	28.87 -1.62 0.00	24.96 -1.23 0.00	22.66 -0.80 0.00
WALDEN__HYDRO 24148	23.86 1.50 0.00	21.74 1.37 0.00	20.80 1.31 0.00	20.81 1.32 0.00	21.51 1.33 0.00	23.77 1.45 0.00	31.23 1.80 0.00	40.43 2.47 0.00	34.93 2.32 0.00	28.95 1.97 0.00	26.65 1.88 0.00	26.58 1.88 0.00	27.03 1.93 0.00	28.36 1.98 0.00	30.22 2.16 0.00	34.54 2.52 -0.09	39.47 2.79 0.00	52.03 3.72 0.00	59.46 4.20 0.00	47.71 3.29 0.00	38.41 2.68 0.00	32.71 2.23 0.00	28.11 1.91 0.00	25.14 1.69 0.00
WARRENSBURG____ 23737	23.44 1.07 0.00	21.39 1.02 0.00	20.41 0.92 0.00	20.36 0.88 0.00	21.11 0.93 0.00	23.39 1.07 0.00	31.02 1.59 0.00	40.12 2.16 0.00	34.57 1.96 0.00	28.36 1.38 0.00	25.89 1.12 0.00	25.81 1.11 0.00	26.40 1.30 0.00	27.63 1.24 0.00	29.15 1.09 0.00	33.40 1.44 -0.03	38.51 1.83 0.00	51.16 2.85 0.00	58.63 3.37 0.00	46.95 2.53 0.00	37.76 2.04 0.00	32.16 1.68 0.00	27.53 1.34 0.00	24.68 1.22 0.00
WATERSIDE____6 8 9 23538	24.26 1.90 0.00	22.09 1.71 -0.01	21.15 1.66 -0.01	21.14 1.66 -0.01	21.84 1.65 -0.01	24.03 1.72 0.00	31.55 2.12 0.00	40.62 2.66 0.00	35.42 2.81 0.00	29.41 2.43 0.00	27.15 2.38 0.00	27.15 2.45 0.00	27.61 2.51 0.00	29.00 2.61 0.00	30.84 2.78 0.00	35.16 3.13 -0.10	39.84 3.15 0.00	52.51 4.20 0.00	59.96 4.70 0.00	48.02 3.60 0.00	38.84 3.11 0.00	33.17 2.68 0.00	28.55 2.36 0.00	25.61 2.16 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.54 0.18 0.00	20.54 0.16 0.00	19.65 0.16 0.00	19.70 0.16 -0.06	20.34 0.16 0.00	22.52 0.20 0.00	29.69 0.26 0.00	38.26 0.30 0.00	32.88 0.26 0.00	27.20 0.22 0.00	24.94 0.17 0.00	24.90 0.20 0.00	25.25 0.15 0.00	26.52 0.13 0.00	28.20 0.14 0.00	32.09 0.16 0.00	36.90 0.22 0.00	48.60 0.29 0.00	55.53 0.28 0.00	44.60 0.18 0.00	35.87 0.14 0.00	30.64 0.15 0.00	26.30 0.10 0.00	23.53 0.07 0.00
WATSON____69_KV_BK 1 55734	24.78 2.42 0.00	22.43 2.06 0.00	21.40 1.91 0.00	21.39 1.91 0.00	22.18 2.00 0.00	24.70 2.39 0.00	31.34 1.91 0.00	33.56 2.35 6.75	32.76 2.45 2.31	29.46 2.48 0.00	27.32 2.55 0.00	27.44 2.74 0.00	27.78 2.69 0.00	28.97 2.59 0.00	29.76 2.36 0.66	33.40 2.75 1.28	38.47 2.93 1.14	52.17 3.86 0.00	57.05 4.37 2.57	47.41 3.29 0.30	38.73 3.00 0.00	33.11 2.62 0.00	28.79 2.59 0.00	26.22 2.77 0.00
WDELAWARE__HYD 323627	23.91 1.54 0.00	21.78 1.40 0.00	20.83 1.34 0.00	20.81 1.33 0.00	21.55 1.37 0.00	23.81 1.50 0.00	31.43 2.00 0.00	40.62 2.66 0.00	35.00 2.38 0.00	28.95 1.97 0.00	26.63 1.86 0.00	26.56 1.85 0.00	26.98 1.88 0.00	28.31 1.93 0.00	30.19 2.13 0.00	34.54 2.52 -0.09	39.51 2.82 0.00	52.08 3.77 0.00	59.51 4.26 0.00	47.84 3.42 0.00	38.52 2.79 0.00	32.78 2.29 0.00	28.16 1.97 0.00	25.22 1.76 0.00



WEST BABYLON___IC 23714	24.69 2.33 0.00	22.37 2.00 0.00	21.34 1.85 0.00	21.33 1.85 0.00	22.12 1.94 0.00	24.61 2.30 0.00	31.34 1.91 0.00	34.09 2.35 6.22	32.94 2.45 2.13	29.43 2.46 0.00	27.30 2.53 0.00	27.39 2.69 0.00	27.76 2.66 0.00	28.95 2.56 0.00	29.84 2.39 0.61	33.51 2.75 1.17	38.56 2.93 1.05	52.22 3.91 0.00	57.31 4.42 2.37	47.53 3.38 0.27	38.69 2.97 0.00	33.08 2.59 0.00	28.74 2.54 0.00	26.13 2.67 0.00
WEST CANADA___HYD 24049	22.52 0.16 0.00	20.52 0.14 0.00	19.63 0.14 0.00	19.68 0.14 -0.06	20.32 0.14 0.00	22.47 0.16 0.00	29.64 0.21 0.00	38.23 0.27 0.00	32.88 0.26 0.00	27.17 0.19 0.00	24.95 0.17 0.00	24.88 0.17 0.00	25.27 0.18 0.00	26.55 0.16 0.00	28.26 0.20 0.00	32.15 0.23 0.00	36.94 0.26 0.00	48.65 0.34 0.00	55.65 0.39 0.00	44.74 0.31 0.00	36.01 0.28 0.00	30.70 0.21 0.00	26.40 0.21 0.00	23.62 0.17 0.00
WESTERN_NY_WIND 24143	21.60 -0.76 0.00	19.68 -0.69 0.00	18.81 -0.68 0.00	18.72 -0.76 0.00	19.57 -0.61 0.00	21.56 -0.76 0.00	28.43 -1.00 0.00	36.56 -1.40 0.00	31.21 -1.40 0.00	26.22 -0.76 0.00	24.05 -0.72 0.00	23.91 -0.79 0.00	24.14 -0.95 0.00	25.62 -0.77 0.00	27.13 -0.93 0.00	30.44 -1.50 -0.02	34.85 -1.83 0.00	43.22 -3.57 1.51	50.40 -3.70 1.16	42.09 -2.18 0.15	33.83 -1.89 0.00	29.24 -1.25 0.00	25.15 -1.05 0.00	22.73 -0.73 0.00
WESTOVER___LESR 323668	22.88 0.51 0.00	20.86 0.49 0.00	19.94 0.45 0.00	19.95 0.47 0.00	20.72 0.54 0.00	22.89 0.58 0.00	30.11 0.68 0.00	38.72 0.76 0.00	33.14 0.52 0.00	27.60 0.62 0.00	25.34 0.57 0.00	25.25 0.54 0.00	25.57 0.48 0.00	27.02 0.63 0.00	28.71 0.65 0.00	32.39 0.42 -0.05	37.38 0.70 0.00	47.82 0.10 0.59	55.14 0.33 0.45	45.03 0.67 0.06	36.23 0.50 0.00	31.10 0.61 0.00	26.77 0.58 0.00	24.07 0.61 0.00
WETHRSFD_WT_PWR 323626	21.52 -0.85 0.00	19.64 -0.73 0.00	18.73 -0.76 0.00	18.82 -0.66 0.00	19.55 -0.63 0.00	21.58 -0.74 0.00	28.40 -1.03 0.00	36.14 -1.82 0.00	30.76 -1.86 0.00	25.90 -1.08 0.00	23.83 -0.94 0.00	23.67 -1.04 0.00	23.84 -1.25 0.00	25.41 -0.98 0.00	26.97 -1.09 0.00	30.04 -1.91 -0.02	34.63 -2.05 0.00	42.80 -4.25 1.25	49.82 -4.47 0.96	41.50 -2.80 0.13	33.58 -2.14 0.00	29.15 -1.34 0.00	25.10 -1.10 0.00	22.80 -0.66 0.00
WHAVSTOR_138KV_BK127 55557	23.82 1.45 0.00	21.70 1.32 0.00	20.76 1.27 0.00	20.77 1.29 0.00	21.49 1.31 0.00	23.74 1.43 0.00	31.14 1.71 0.00	40.28 2.32 0.00	34.80 2.19 0.00	28.90 1.92 0.00	26.63 1.86 0.00	26.58 1.88 0.00	27.03 1.93 0.00	28.39 2.01 0.00	30.22 2.16 0.00	34.48 2.46 -0.09	39.40 2.71 0.00	51.88 3.57 0.00	59.29 4.03 0.00	47.53 3.11 0.00	38.23 2.50 0.00	32.59 2.10 0.00	28.03 1.83 0.00	25.10 1.64 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.82 1.45 0.00	21.70 1.32 0.00	20.76 1.27 0.00	20.77 1.29 0.00	21.49 1.31 0.00	23.74 1.43 0.00	31.14 1.71 0.00	40.28 2.32 0.00	34.80 2.19 0.00	28.90 1.92 0.00	26.63 1.86 0.00	26.58 1.88 0.00	27.03 1.93 0.00	28.39 2.01 0.00	30.22 2.16 0.00	34.48 2.46 -0.09	39.40 2.71 0.00	51.88 3.57 0.00	59.29 4.03 0.00	47.53 3.11 0.00	38.23 2.50 0.00	32.59 2.10 0.00	28.03 1.83 0.00	25.10 1.64 0.00
WHITEHAL_115KV_TB1 80871	23.84 1.48 0.00	21.76 1.39 0.00	20.72 1.23 0.00	20.67 1.19 0.00	21.43 1.25 0.00	23.79 1.47 0.00	31.61 2.18 0.00	40.85 2.89 0.00	35.23 2.61 0.00	28.81 1.83 0.00	26.23 1.46 0.00	26.16 1.46 0.00	26.80 1.71 0.00	28.02 1.64 0.00	29.63 1.57 0.00	34.01 2.04 -0.04	39.25 2.57 0.00	52.32 4.01 0.00	60.01 4.75 0.00	48.07 3.64 0.00	38.66 2.93 0.00	32.81 2.32 0.00	28.00 1.81 0.00	25.61 2.16 0.00
WHITEPLN_13_KV_LOAD 356215	24.24 1.88 0.00	22.03 1.65 0.00	21.11 1.62 0.00	21.10 1.62 0.00	21.79 1.61 0.00	24.06 1.74 0.00	31.58 2.15 0.00	40.92 2.96 0.00	35.55 2.94 0.00	29.49 2.51 0.00	27.20 2.43 0.00	27.22 2.52 0.00	27.66 2.56 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	40.24 3.56 0.00	53.04 4.73 0.00	60.56 5.30 0.00	48.51 4.09 0.00	39.09 3.36 0.00	33.29 2.80 0.00	28.61 2.41 0.00	25.57 2.11 0.00
WM_FLOYD_69_KV_BK2 356380	24.74 2.37 0.00	22.39 2.02 0.00	21.36 1.87 0.00	21.35 1.87 0.00	22.14 1.96 0.00	24.66 2.34 0.00	31.23 1.80 0.00	33.15 2.16 6.98	32.48 2.25 2.38	29.30 2.32 0.00	27.15 2.38 0.00	27.27 2.57 0.00	27.61 2.51 0.00	28.79 2.40 0.00	29.54 2.16 0.68	33.13 2.52 1.32	38.22 2.71 1.18	52.03 3.72 0.00	56.80 4.20 2.66	47.23 3.11 0.31	38.48 2.75 0.00	32.87 2.38 0.00	28.63 2.44 0.00	26.11 2.65 0.00
WOODARD___115KV_TB2 355635	21.98 -0.38 0.00	20.01 -0.37 0.00	19.14 -0.35 0.00	19.13 -0.35 0.00	19.84 -0.34 0.00	21.91 -0.40 0.00	28.96 -0.47 0.00	37.28 -0.68 0.00	31.97 -0.65 0.00	26.49 -0.49 0.00	24.28 -0.50 0.00	24.21 -0.49 0.00	24.57 -0.53 0.00	25.86 -0.53 0.00	27.47 -0.59 0.00	31.26 -0.67 0.00	35.84 -0.84 0.00	46.86 -1.11 0.34	53.84 -1.16 0.26	43.54 -0.84 0.03	35.08 -0.64 0.00	29.94 -0.55 0.00	25.72 -0.47 0.00	22.96 -0.49 0.00
YORK___WARBASSE 23770	24.43 2.06 -0.01	22.24 1.85 -0.01	21.27 1.77 -0.01	21.28 1.79 -0.01	21.98 1.80 -0.01	24.17 1.85 0.00	31.70 2.27 0.00	40.66 2.70 0.00	35.49 2.87 0.00	29.46 2.48 0.00	27.20 2.43 0.00	27.20 2.49 0.00	27.68 2.59 0.00	29.05 2.66 0.00	30.92 2.86 0.00	35.28 3.26 -0.10	39.87 3.19 0.00	52.66 4.35 0.00	60.12 4.86 0.00	48.11 3.69 0.00	38.98 3.25 0.00	33.35 2.87 0.00	28.74 2.54 0.00	25.79 2.32 -0.01