

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

06/24/2024

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	31.94	29.82	27.98	26.98	26.67	28.36	31.47	35.17	37.55	37.51	39.13	44.26	46.02	46.03	46.84	47.77	52.22	54.67	51.14	45.89	45.50	39.35	36.79	32.77
24138	3.01	2.54	2.31	2.25	2.18	2.25	2.78	3.28	3.69	3.78	4.17	4.09	4.42	4.56	4.61	5.02	5.88	5.86	5.35	4.62	4.32	3.71	3.13	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-5.80	-6.55	-4.97	-5.63	-3.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	32.05	29.82	28.03	27.00	26.69	28.36	31.44	35.13	37.55	37.48	38.89	44.55	46.40	46.36	47.22	48.02	52.22	54.73	51.10	46.02	45.58	39.45	36.93	32.89
24260	3.12	2.54	2.36	2.27	2.20	2.25	2.75	3.25	3.69	3.74	3.89	3.99	4.35	4.56	4.61	5.02	5.88	5.91	5.31	4.75	4.41	3.81	3.27	2.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.19	-6.99	-5.30	-6.01	-4.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	32.05	29.82	28.03	27.00	26.69	28.36	31.44	35.13	37.55	37.48	38.89	44.55	46.40	46.36	47.22	48.02	52.22	54.73	51.10	46.02	45.58	39.45	36.93	32.89
24261	3.12	2.54	2.36	2.27	2.20	2.25	2.75	3.25	3.69	3.74	3.89	3.99	4.35	4.56	4.61	5.02	5.88	5.91	5.31	4.75	4.41	3.81	3.27	2.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-6.19	-6.99	-5.30	-6.01	-4.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.01	29.09	27.26	26.26	25.96	27.71	30.64	33.89	36.12	36.00	36.43	36.29	36.99	38.47	38.54	40.96	48.74	51.70	48.90	44.12	44.35	38.24	35.71	31.78
24011	2.08	1.80	1.59	1.53	1.47	1.59	1.95	2.01	2.27	2.26	1.96	1.92	1.93	1.97	1.94	2.02	2.41	2.88	3.11	2.85	3.17	2.60	2.05	1.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	31.19	29.25	27.36	26.38	26.08	27.86	30.81	34.11	36.43	36.33	36.84	36.57	37.24	38.72	38.79	41.19	49.02	52.04	49.18	44.37	44.63	38.49	35.92	31.93
23798	2.26	1.97	1.69	1.66	1.59	1.75	2.12	2.23	2.57	2.60	2.38	2.20	2.17	2.23	2.20	2.26	2.69	3.22	3.39	3.10	3.46	2.85	2.26	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	31.01	29.09	27.26	26.26	25.96	27.71	30.64	33.89	36.12	36.00	36.43	36.29	36.99	38.47	38.54	40.96	48.74	51.70	48.90	44.12	44.35	38.24	35.71	31.78
24028	2.08	1.80	1.59	1.53	1.47	1.59	1.95	2.01	2.27	2.26	1.96	1.92	1.93	1.97	1.94	2.02	2.41	2.88	3.11	2.85	3.17	2.60	2.05	1.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	30.90	28.98	27.21	26.26	25.98	27.71	30.55	33.89	35.89	35.59	36.53	36.33	37.24	38.76	38.90	41.62	49.62	52.38	49.13	44.20	43.77	37.74	35.24	31.57
23527	1.97	1.69	1.54	1.53	1.49	1.59	1.86	2.01	2.03	1.85	2.07	1.96	2.17	2.26	2.31	2.68	3.29	3.56	3.34	2.93	2.60	2.10	1.58	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	29.80	28.00	26.41	25.49	25.17	26.79	29.46	32.55	34.60	34.41	35.15	34.99	35.87	37.34	37.51	40.02	47.63	50.19	47.07	42.38	42.08	36.46	34.13	30.55
24190	0.87	0.71	0.74	0.77	0.69	0.68	0.77	0.67	0.74	0.67	0.69	0.62	0.81	0.84	0.91	1.09	1.30	1.37	1.28	1.11	0.91	0.82	0.47	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	28.06	26.74	25.13	24.23	24.02	25.57	27.94	31.05	32.98	32.89	33.53	33.34	33.76	28.71	25.28	20.07	21.02	19.24	39.70	39.70	39.61	34.21	32.72	29.20
355683	-0.87	-0.55	-0.54	-0.49	-0.47	-0.55	-0.75	-0.83	-0.88	-0.84	-0.93	-1.03	-1.30	-1.31	-1.24	-1.36	-1.62	-1.81	-1.69	-1.57	-1.56	-1.43	-0.94	-0.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	6.47	10.07	17.50	23.69	27.78	4.39	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	30.32	28.51	26.82	25.86	25.56	27.24	29.95	33.06	35.04	34.78	35.46	35.12	35.97	37.45	37.58	40.06	47.81	50.57	47.62	42.92	42.78	37.14	34.81	31.12
323833	1.39	1.23	1.16	1.14	1.08	1.12	1.26	1.18	1.18	1.05	1.00	0.76	0.91	0.95	0.99	1.13	1.48	1.75	1.83	1.65	1.60	1.50	1.15	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	30.32	28.51	26.82	25.86	25.56	27.24	29.95	33.06	35.04	34.78	35.46	35.12	35.94	37.41	37.58	40.06	47.81	50.57	47.57	42.92	42.78	37.14	34.81	31.09
323834	1.39	1.23	1.16	1.14	1.08	1.12	1.26	1.18	1.18	1.05	1.00	0.76	0.88	0.91	0.99	1.13	1.48	1.75	1.78	1.65	1.60	1.50	1.15	1.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.80	28.00	26.41	25.49	25.17	26.79	29.46	32.55	34.60	34.41	35.15	34.99	35.87	37.34	37.51	40.02	47.63	50.19	47.07	42.38	42.08	36.46	34.13	30.55
23571	0.87	0.71	0.74	0.77	0.69	0.68	0.77	0.67	0.74	0.67	0.69	0.62	0.81	0.84	0.91	1.09	1.30	1.37	1.28	1.11	0.91	0.82	0.47	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	29.80 0.87 0.00	28.00 0.71 0.00	26.41 0.74 0.00	25.49 0.77 0.00	25.17 0.69 0.00	26.79 0.68 0.00	29.46 0.77 0.00	32.55 0.67 0.00	34.60 0.74 0.00	34.41 0.67 0.00	35.15 0.69 0.00	34.99 0.62 0.00	35.87 0.81 0.00	37.34 0.84 0.00	37.51 0.91 0.00	40.02 1.09 0.00	47.63 1.30 0.00	50.19 1.37 0.00	47.07 1.28 0.00	42.38 1.11 0.00	42.08 0.91 0.00	36.46 0.82 0.00	34.13 0.47 0.00	30.55 0.51 0.00
ALBANY___3 23573	29.80 0.87 0.00	28.00 0.71 0.00	26.41 0.74 0.00	25.49 0.77 0.00	25.17 0.69 0.00	26.79 0.68 0.00	29.46 0.77 0.00	32.55 0.67 0.00	34.60 0.74 0.00	34.41 0.67 0.00	35.15 0.69 0.00	34.99 0.62 0.00	35.87 0.81 0.00	37.34 0.84 0.00	37.51 0.91 0.00	40.02 1.09 0.00	47.63 1.30 0.00	50.19 1.37 0.00	47.07 1.28 0.00	42.38 1.11 0.00	42.08 0.91 0.00	36.46 0.82 0.00	34.13 0.47 0.00	30.55 0.51 0.00
ALBANY___4 23574	29.80 0.87 0.00	28.00 0.71 0.00	26.41 0.74 0.00	25.49 0.77 0.00	25.17 0.69 0.00	26.79 0.68 0.00	29.46 0.77 0.00	32.55 0.67 0.00	34.60 0.74 0.00	34.41 0.67 0.00	35.15 0.69 0.00	34.99 0.62 0.00	35.87 0.81 0.00	37.34 0.84 0.00	37.51 0.91 0.00	40.02 1.09 0.00	47.63 1.30 0.00	50.19 1.37 0.00	47.07 1.28 0.00	42.38 1.11 0.00	42.08 0.91 0.00	36.46 0.82 0.00	34.13 0.47 0.00	30.55 0.51 0.00
ALBANY___LFGE 323615	30.12 1.19 0.00	28.32 1.04 0.00	26.64 0.98 0.00	25.72 0.99 0.00	25.39 0.91 0.00	27.05 0.94 0.00	29.77 1.09 0.00	32.90 1.02 0.00	35.01 1.15 0.00	34.85 1.11 0.00	35.67 1.21 0.00	35.43 1.07 0.00	36.32 1.26 0.00	37.81 1.31 0.00	37.95 1.35 0.00	40.45 1.52 0.00	48.14 1.81 0.00	50.77 1.95 0.00	47.62 1.83 0.00	42.88 1.61 0.00	42.62 1.44 0.00	36.92 1.28 0.00	34.53 0.87 0.00	30.88 0.84 0.00
ALCOA_PA_115KV_PL-6C 55860	27.97 -0.95 0.00	26.69 -0.60 0.00	25.08 -0.59 0.00	24.18 -0.54 0.00	23.97 -0.51 0.00	25.51 -0.60 0.00	27.88 -0.80 0.00	31.02 -0.86 0.00	32.91 -0.95 0.00	32.82 -0.91 0.00	33.43 -1.03 0.00	33.23 -1.13 0.00	33.69 -1.37 0.01	28.81 -1.42 6.26	25.47 -1.39 9.74	20.60 -1.40 16.93	21.61 -1.81 22.92	19.95 -2.00 26.87	39.62 -1.92 4.25	39.54 -1.73 0.00	39.45 -1.73 0.00	34.11 -1.53 0.00	32.62 -1.04 0.00	29.14 -0.90 0.00
ALCOA_RYNLDS___DRP 24188	27.97 -0.95 0.00	26.69 -0.60 0.00	25.08 -0.59 0.00	24.18 -0.54 0.00	23.97 -0.51 0.00	25.51 -0.60 0.00	27.88 -0.80 0.00	31.02 -0.86 0.00	32.91 -0.95 0.00	32.82 -0.91 0.00	33.43 -1.03 0.00	33.23 -1.13 0.00	33.69 -1.37 0.01	28.81 -1.42 6.26	25.47 -1.39 9.74	20.60 -1.40 16.93	21.61 -1.81 22.92	19.95 -2.00 26.87	39.62 -1.92 4.25	39.54 -1.73 0.00	39.45 -1.73 0.00	34.11 -1.53 0.00	32.62 -1.04 0.00	29.14 -0.90 0.00
ALCOA___DSASP 323711	27.98 -0.95 0.00	26.66 -0.63 0.00	25.08 -0.59 0.00	24.18 -0.54 0.00	23.97 -0.52 0.00	25.51 -0.60 0.00	27.88 -0.80 0.00	31.02 -0.86 0.00	32.91 -0.95 0.00	32.69 -1.05 0.00	33.12 -1.34 0.00	33.13 -1.24 0.00	33.69 -1.37 0.01	28.81 -1.42 6.26	25.47 -1.39 9.74	20.60 -1.40 16.93	21.61 -1.81 22.92	19.94 -2.00 26.87	39.62 -1.92 4.25	39.54 -1.73 0.00	39.49 -1.69 0.00	34.11 -1.53 0.00	32.62 -1.04 0.00	29.14 -0.90 0.00
ALLEGHENY___COGEN 23514	29.39 0.46 0.00	27.40 0.11 0.00	25.75 0.08 0.00	24.53 -0.20 0.00	24.39 -0.10 0.00	26.27 0.16 0.00	29.32 0.63 0.00	32.29 0.41 0.00	33.58 -0.27 0.00	33.53 -0.20 0.00	34.29 -0.17 0.00	33.89 -0.48 0.00	34.57 -0.49 0.00	36.02 -0.48 0.00	35.86 -0.73 0.00	37.96 -0.97 0.00	45.45 -0.88 0.00	48.67 -0.15 0.00	46.43 0.64 0.00	42.59 1.32 0.00	43.69 2.51 0.00	37.89 2.25 0.00	35.65 1.99 0.00	31.78 1.74 0.00
ALTAMONT_115KV_TB 2 55880	30.03 1.10 0.00	28.19 0.90 0.00	26.54 0.87 0.00	25.59 0.87 0.00	25.29 0.81 0.00	26.95 0.84 0.00	29.69 1.00 0.00	32.90 1.02 0.00	34.97 1.12 0.00	34.78 1.05 0.00	35.53 1.07 0.00	35.40 1.03 0.00	36.29 1.23 0.00	37.78 1.28 0.00	37.91 1.32 0.00	40.41 1.48 0.00	48.09 1.76 0.00	50.72 1.90 0.00	47.58 1.79 0.00	42.84 1.57 0.00	42.62 1.44 0.00	36.92 1.28 0.00	34.60 0.94 0.00	30.91 0.87 0.00
ALTONA_WT_PWR 323606	27.80 -1.13 0.00	26.49 -0.79 0.00	24.90 -0.77 0.00	24.01 -0.72 0.00	23.97 -0.52 0.00	25.54 -0.57 0.00	28.17 -0.52 0.00	31.43 -0.45 0.00	33.31 -0.54 0.00	33.33 -0.40 0.00	33.74 -0.73 0.00	33.78 -0.58 0.00	34.46 -0.60 0.01	29.29 -0.80 6.40	25.91 -0.73 9.96	20.73 -0.89 17.31	22.02 -0.88 23.43	20.27 -1.07 27.47	40.53 -0.92 4.34	40.44 -0.83 0.00	40.39 -0.78 0.00	34.86 -0.78 0.00	33.26 -0.40 0.00	29.77 -0.27 0.00
AMERICAN_REF_FUEL 24010	27.25 -1.68 0.00	25.43 -1.86 0.00	23.95 -1.72 0.00	22.77 -1.95 0.00	22.65 -1.84 0.00	24.39 -1.72 0.00	27.14 -1.55 0.00	29.81 -2.07 0.00	31.39 -2.47 0.00	31.78 -1.96 0.00	33.12 -1.34 0.00	32.82 -1.55 0.00	33.48 -1.58 0.00	34.78 -1.71 0.00	34.07 -2.52 0.00	35.70 -3.23 0.00	42.44 -3.89 0.00	45.11 -3.71 0.00	42.40 -3.39 0.00	38.75 -2.52 0.00	39.94 -1.23 0.00	34.82 -0.82 0.00	33.02 -0.64 0.00	29.89 -0.15 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.95 -0.98 0.00	26.00 -1.28 0.00	24.41 -1.26 0.00	23.22 -1.51 0.00	23.07 -1.42 0.00	24.89 -1.23 0.00	27.91 -0.77 0.00	30.96 -0.93 0.00	32.64 -1.22 0.00	33.03 -0.71 0.00	34.50 0.03 0.00	34.16 -0.20 0.00	34.89 -0.17 0.00	36.32 -0.18 0.00	35.79 -0.81 0.00	37.73 -1.21 0.00	44.94 -1.39 0.00	48.04 -0.78 0.00	45.10 -0.69 0.00	41.23 -0.04 0.00	42.24 1.07 0.00	36.78 1.14 0.00	34.74 1.08 0.00	31.30 1.26 0.00
ARTHUR KILL_GT_1 23520	33.42 3.07 -1.42	29.89 2.59 -0.01	28.04 2.36 -0.01	27.01 2.27 -0.01	26.70 2.20 -0.01	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.97 0.00	37.31 3.46 0.00	55.89 3.57 -18.58	57.55 3.89 -19.19	46.90 3.88 -8.65	49.26 4.17 -10.03	48.70 4.49 -7.71	49.75 4.54 -8.62	49.72 4.87 -5.92	80.96 5.74 -28.89	113.09 5.76 -58.51	76.49 5.17 -25.53	84.49 4.79 -38.43	46.57 4.45 -0.95	52.15 3.82 -12.70	53.93 3.23 -17.04	57.62 2.76 -24.82
ARTHUR_KILL_2 23512	33.30 2.95 -1.42	29.78 2.48 -0.01	27.94 2.26 -0.01	26.91 2.18 -0.01	26.62 2.13 -0.01	28.07 1.96 0.00	31.09 2.41 0.00	34.75 2.87 0.00	37.21 3.35 0.00	55.75 3.44 -18.58	57.41 3.76 -19.19	46.76 3.75 -8.65	49.12 4.03 -10.03	48.51 4.30 -7.71	49.56 4.35 -8.62	49.56 4.71 -5.92	80.73 5.51 -28.89	112.89 5.56 -58.51	76.27 4.95 -25.53	84.28 4.58 -38.43	46.40 4.28 -0.95	52.01 3.67 -12.70	53.79 3.09 -17.04	57.50 2.64 -24.82
ARTHUR_KILL_3 23513	32.46 2.81 -0.72	29.52 2.24 0.00	27.70 2.03 0.00	26.68 1.95 0.00	26.37 1.89 0.00	28.05 1.93 0.00	31.12 2.44 0.00	34.75 2.87 0.00	37.11 3.25 0.00	45.24 3.34 -8.16	45.49 3.65 -7.37	45.24 3.61 -7.26	45.73 3.89 -6.78	45.73 4.09 -5.15	46.56 4.13 -5.83	47.39 4.51 -3.94	51.57 5.23 0.00	53.99 5.17 0.00	50.46 4.67 0.00	45.49 4.17 -0.05	45.49 3.83 -0.48	45.49 3.35 -6.50	45.24 2.86 -8.72	45.24 2.49 -12.71

ARTHUR_KILL_COGEN 323718	33.42 3.07 -1.42	29.89 2.59 -0.01	28.04 2.36 -0.01	27.01 2.27 -0.01	26.70 2.20 -0.01	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.97 0.00	37.31 3.46 0.00	55.89 3.57 -18.58	57.55 3.89 -19.19	46.90 3.88 -8.65	49.26 4.17 -10.03	48.70 4.49 -7.71	49.75 4.54 -8.62	49.72 4.87 -5.92	80.96 5.74 -28.89	113.09 5.76 -58.51	76.49 5.17 -25.53	84.49 4.79 -38.43	46.57 4.45 -0.95	52.15 3.82 -12.70	53.93 3.23 -17.04	57.62 2.76 -24.82
ASHOKAN____ 23654	31.07 2.14 0.00	29.03 1.75 0.00	27.31 1.64 0.00	26.31 1.58 0.00	25.98 1.49 0.00	27.58 1.46 0.00	30.32 1.63 0.00	33.22 1.34 0.00	35.21 1.36 0.00	35.02 1.28 0.00	35.74 1.28 0.00	35.40 1.03 0.00	36.39 1.33 0.00	37.96 1.46 0.00	38.17 1.57 0.00	40.73 1.79 0.00	48.65 2.32 0.00	51.55 2.73 0.00	48.63 2.84 0.00	43.66 2.39 0.00	43.52 2.35 0.00	37.85 2.21 0.00	35.34 1.68 0.00	31.57 1.53 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.92 2.98 -0.01	29.79 2.51 0.00	27.96 2.28 -0.01	27.01 2.27 -0.01	26.67 2.18 -0.01	28.07 1.96 0.00	31.11 2.44 0.01	34.80 2.93 0.01	37.23 3.39 0.01	37.17 3.44 0.01	38.85 3.86 -0.52	44.37 3.81 -6.18	46.11 4.07 -6.98	46.10 4.30 -5.30	46.91 4.32 -6.00	47.52 4.63 -3.95	51.65 5.33 0.01	54.08 5.27 0.01	50.45 4.67 0.01	45.68 4.42 0.01	45.24 4.08 0.01	39.20 3.56 0.01	36.80 3.13 -0.01	32.71 2.67 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.92 2.98 -0.01	29.79 2.51 0.00	27.96 2.28 -0.01	27.01 2.27 -0.01	26.67 2.18 -0.01	28.07 1.96 0.00	31.11 2.44 0.01	34.80 2.93 0.01	37.23 3.39 0.01	37.17 3.44 0.01	38.85 3.86 -0.52	44.37 3.81 -6.18	46.11 4.07 -6.98	46.10 4.30 -5.30	46.91 4.32 -6.00	47.52 4.63 -3.95	51.65 5.33 0.01	54.08 5.27 0.01	50.45 4.67 0.01	45.68 4.42 0.01	45.24 4.08 0.01	39.20 3.56 0.01	36.80 3.13 -0.01	32.71 2.67 0.00
ASTORIA_GT2_1 24094	31.92 2.98 -0.01	29.80 2.51 0.00	27.99 2.31 -0.01	27.01 2.27 -0.01	26.67 2.18 -0.01	28.10 1.98 0.00	31.12 2.44 0.00	34.85 2.96 0.00	37.24 3.39 0.00	37.20 3.47 0.01	38.68 3.69 -0.52	44.30 3.75 -6.19	46.15 4.10 -6.99	46.15 4.34 -5.30	46.89 4.28 -6.01	47.56 4.67 -3.95	51.66 5.33 0.00	54.14 5.32 0.00	50.51 4.72 0.00	45.69 4.42 0.00	45.21 4.04 0.00	39.17 3.53 0.00	36.80 3.13 -0.01	32.77 2.73 0.00
ASTORIA_GT2_2 24095	31.92 2.98 -0.01	29.80 2.51 0.00	27.99 2.31 -0.01	27.01 2.27 -0.01	26.67 2.18 -0.01	28.10 1.98 0.00	31.12 2.44 0.00	34.85 2.96 0.00	37.24 3.39 0.00	37.20 3.47 0.01	38.68 3.69 -0.52	44.30 3.75 -6.19	46.15 4.10 -6.99	46.15 4.34 -5.30	46.89 4.28 -6.01	47.56 4.67 -3.95	51.66 5.33 0.00	54.14 5.32 0.00	50.51 4.72 0.00	45.69 4.42 0.00	45.21 4.04 0.00	39.17 3.53 0.00	36.80 3.13 -0.01	32.77 2.73 0.00
ASTORIA_GT2_3 24096	31.92 2.98 -0.01	29.80 2.51 0.00	27.99 2.31 -0.01	27.01 2.27 -0.01	26.67 2.18 -0.01	28.10 1.98 0.00	31.12 2.44 0.00	34.85 2.96 0.00	37.24 3.39 0.00	37.20 3.47 0.01	38.68 3.69 -0.52	44.30 3.75 -6.19	46.15 4.10 -6.99	46.15 4.34 -5.30	46.89 4.28 -6.01	47.56 4.67 -3.95	51.66 5.33 0.00	54.14 5.32 0.00	50.51 4.72 0.00	45.69 4.42 0.00	45.21 4.04 0.00	39.17 3.53 0.00	36.80 3.13 -0.01	32.77 2.73 0.00
ASTORIA_GT2_4 24097	31.92 2.98 -0.01	29.80 2.51 0.00	27.99 2.31 -0.01	27.01 2.27 -0.01	26.67 2.18 -0.01	28.10 1.98 0.00	31.12 2.44 0.00	34.85 2.96 0.00	37.24 3.39 0.00	37.20 3.47 0.01	38.68 3.69 -0.52	44.30 3.75 -6.19	46.15 4.10 -6.99	46.15 4.34 -5.30	46.89 4.28 -6.01	47.56 4.67 -3.95	51.66 5.33 0.00	54.14 5.32 0.00	50.51 4.72 0.00	45.69 4.42 0.00	45.21 4.04 0.00	39.17 3.53 0.00	36.80 3.13 -0.01	32.77 2.73 0.00
ASTORIA_GT3_1 24098	31.92 2.98 -0.01	29.80 2.51 0.00	27.99 2.31 -0.01	27.01 2.27 -0.01	26.67 2.18 -0.01	28.10 1.98 0.00	31.12 2.44 0.00	34.85 2.96 0.00	37.24 3.39 0.00	37.20 3.47 0.01	38.68 3.69 -0.52	44.30 3.75 -6.19	46.15 4.10 -6.99	46.15 4.34 -5.30	46.89 4.28 -6.01	47.56 4.67 -3.95	51.66 5.33 0.00	54.14 5.32 0.00	50.51 4.72 0.00	45.69 4.42 0.00	45.21 4.04 0.00	39.17 3.53 0.00	36.80 3.13 -0.01	32.77 2.73 0.00
ASTORIA_GT3_2 24099	31.92 2.98 -0.01	29.80 2.51 0.00	27.99 2.31 -0.01	27.01 2.27 -0.01	26.67 2.18 -0.01	28.10 1.98 0.00	31.12 2.44 0.00	34.85 2.96 0.00	37.24 3.39 0.00	37.20 3.47 0.01	38.68 3.69 -0.52	44.30 3.75 -6.19	46.15 4.10 -6.99	46.15 4.34 -5.30	46.89 4.28 -6.01	47.56 4.67 -3.95	51.66 5.33 0.00	54.14 5.32 0.00	50.51 4.72 0.00	45.69 4.42 0.00	45.21 4.04 0.00	39.17 3.53 0.00	36.80 3.13 -0.01	32.77 2.73 0.00
ASTORIA_GT3_3 24100	31.92 2.98 -0.01	29.80 2.51 0.00	27.99 2.31 -0.01	27.01 2.27 -0.01	26.67 2.18 -0.01	28.10 1.98 0.00	31.12 2.44 0.00	34.85 2.96 0.00	37.24 3.39 0.00	37.20 3.47 0.01	38.68 3.69 -0.52	44.30 3.75 -6.19	46.15 4.10 -6.99	46.15 4.34 -5.30	46.89 4.28 -6.01	47.56 4.67 -3.95	51.66 5.33 0.00	54.14 5.32 0.00	50.51 4.72 0.00	45.69 4.42 0.00	45.21 4.04 0.00	39.17 3.53 0.00	36.80 3.13 -0.01	32.77 2.73 0.00
ASTORIA_GT3_4 24101	31.92 2.98 -0.01	29.80 2.51 0.00	27.99 2.31 -0.01	27.01 2.27 -0.01	26.67 2.18 -0.01	28.10 1.98 0.00	31.12 2.44 0.00	34.85 2.96 0.00	37.24 3.39 0.00	37.20 3.47 0.01	38.68 3.69 -0.52	44.30 3.75 -6.19	46.15 4.10 -6.99	46.15 4.34 -5.30	46.89 4.28 -6.01	47.56 4.67 -3.95	51.66 5.33 0.00	54.14 5.32 0.00	50.51 4.72 0.00	45.69 4.42 0.00	45.21 4.04 0.00	39.17 3.53 0.00	36.80 3.13 -0.01	32.77 2.73 0.00
ASTORIA_GT4_1 24102	31.92 2.98 -0.01	29.80 2.51 0.00	27.99 2.31 -0.01	27.01 2.27 -0.01	26.67 2.18 -0.01	28.10 1.98 0.00	31.12 2.44 0.00	34.85 2.96 0.00	37.24 3.39 0.00	37.20 3.47 0.01	38.68 3.69 -0.52	44.30 3.75 -6.19	46.15 4.10 -6.99	46.15 4.34 -5.30	46.89 4.28 -6.01	47.56 4.67 -3.95	51.66 5.33 0.00	54.14 5.32 0.00	50.51 4.72 0.00	45.69 4.42 0.00	45.21 4.04 0.00	39.17 3.53 0.00	36.80 3.13 -0.01	32.77 2.73 0.00
ASTORIA_GT4_2 24103	31.92 2.98 -0.01	29.80 2.51 0.00	27.99 2.31 -0.01	27.01 2.27 -0.01	26.67 2.18 -0.01	28.10 1.98 0.00	31.12 2.44 0.00	34.85 2.96 0.00	37.24 3.39 0.00	37.20 3.47 0.01	38.68 3.69 -0.52	44.30 3.75 -6.19	46.15 4.10 -6.99	46.15 4.34 -5.30	46.89 4.28 -6.01	47.56 4.67 -3.95	51.66 5.33 0.00	54.14 5.32 0.00	50.51 4.72 0.00	45.69 4.42 0.00	45.21 4.04 0.00	39.17 3.53 0.00	36.80 3.13 -0.01	32.77 2.73 0.00
ASTORIA_GT4_3 24104	31.92 2.98 -0.01	29.80 2.51 0.00	27.99 2.31 -0.01	27.01 2.27 -0.01	26.67 2.18 -0.01	28.10 1.98 0.00	31.12 2.44 0.00	34.85 2.96 0.00	37.24 3.39 0.00	37.20 3.47 0.01	38.68 3.69 -0.52	44.30 3.75 -6.19	46.15 4.10 -6.99	46.15 4.34 -5.30	46.89 4.28 -6.01	47.56 4.67 -3.95	51.66 5.33 0.00	54.14 5.32 0.00	50.51 4.72 0.00	45.69 4.42 0.00	45.21 4.04 0.00	39.17 3.53 0.00	36.80 3.13 -0.01	32.77 2.73 0.00

ASTORIA_GT4_4 24105	31.92 2.98 -0.01	29.80 2.51 0.00	27.99 2.31 -0.01	27.01 2.27 -0.01	26.67 2.18 -0.01	28.10 1.98 0.00	31.12 2.44 0.00	34.85 2.96 0.00	37.24 3.39 0.00	37.20 3.47 0.01	38.68 3.69 -0.52	44.30 3.75 -6.19	46.15 4.10 -6.99	46.15 4.34 -5.30	46.89 4.28 -6.01	47.56 4.67 -3.95	51.66 5.33 0.00	54.14 5.32 0.00	50.51 4.72 0.00	45.69 4.42 0.00	45.21 4.04 0.00	39.17 3.53 0.00	36.80 3.13 -0.01	32.77 2.73 0.00
ASTORIA_GT_1 23523	32.00 3.07 -0.01	29.88 2.59 0.00	28.04 2.36 -0.01	27.06 2.32 -0.01	26.72 2.23 -0.01	28.12 2.01 0.00	31.20 2.52 0.01	34.90 3.03 0.01	37.34 3.49 0.01	37.27 3.54 0.01	38.95 3.96 -0.52	44.47 3.92 -6.18	46.21 4.17 -6.98	46.21 4.41 -5.30	47.02 4.43 -6.00	47.63 4.75 -3.95	51.79 5.46 0.01	54.23 5.42 0.01	50.59 4.81 0.01	45.80 4.54 0.01	45.37 4.20 0.01	39.30 3.67 0.01	36.90 3.23 -0.01	32.80 2.76 0.00
ASTORIA_GT_10 24110	31.92 2.98 -0.01	29.71 2.43 0.00	27.91 2.23 -0.01	26.91 2.18 -0.01	26.60 2.11 -0.01	28.15 2.04 0.00	31.24 2.55 0.00	34.91 3.03 0.00	37.31 3.45 0.00	39.87 3.51 -2.63	43.91 3.65 -5.80	44.30 3.75 -6.19	46.12 4.07 -6.99	46.11 4.31 -5.30	46.89 4.28 -6.01	47.63 4.63 -4.07	51.75 5.42 0.00	54.19 5.37 0.00	50.60 4.81 0.00	45.73 4.46 0.00	45.29 4.12 0.00	39.24 3.60 0.00	36.77 3.10 -0.01	32.74 2.70 0.00
ASTORIA_GT_11 24225	31.92 2.98 -0.01	29.71 2.43 0.00	27.91 2.23 -0.01	26.91 2.18 -0.01	26.60 2.11 -0.01	28.15 2.04 0.00	31.24 2.55 0.00	34.91 3.03 0.00	37.31 3.45 0.00	39.87 3.51 -2.63	43.91 3.65 -5.80	44.30 3.75 -6.19	46.12 4.07 -6.99	46.11 4.31 -5.30	46.89 4.28 -6.01	47.63 4.63 -4.07	51.75 5.42 0.00	54.19 5.37 0.00	50.60 4.81 0.00	45.73 4.46 0.00	45.29 4.12 0.00	39.24 3.60 0.00	36.77 3.10 -0.01	32.74 2.70 0.00
ASTORIA_GT_12 24226	31.92 2.98 -0.01	29.71 2.43 0.00	27.91 2.23 -0.01	26.91 2.18 -0.01	26.60 2.11 -0.01	28.15 2.04 0.00	31.24 2.55 0.00	34.91 3.03 0.00	37.31 3.45 0.00	39.87 3.51 -2.63	43.91 3.65 -5.80	44.30 3.75 -6.19	46.12 4.07 -6.99	46.11 4.31 -5.30	46.89 4.28 -6.01	47.63 4.63 -4.07	51.75 5.42 0.00	54.19 5.37 0.00	50.60 4.81 0.00	45.73 4.46 0.00	45.29 4.12 0.00	39.24 3.60 0.00	36.77 3.10 -0.01	32.74 2.70 0.00
ASTORIA_GT_13 24227	31.92 2.98 -0.01	29.71 2.43 0.00	27.91 2.23 -0.01	26.91 2.18 -0.01	26.60 2.11 -0.01	28.15 2.04 0.00	31.24 2.55 0.00	34.91 3.03 0.00	37.31 3.45 0.00	39.87 3.51 -2.63	43.91 3.65 -5.80	44.30 3.75 -6.19	46.12 4.07 -6.99	46.11 4.31 -5.30	46.89 4.28 -6.01	47.63 4.63 -4.07	51.75 5.42 0.00	54.19 5.37 0.00	50.60 4.81 0.00	45.73 4.46 0.00	45.29 4.12 0.00	39.24 3.60 0.00	36.77 3.10 -0.01	32.74 2.70 0.00
ASTORIA_GT_5 24106	31.98 3.04 -0.01	29.85 2.56 0.00	28.04 2.36 -0.01	27.06 2.32 -0.01	26.72 2.23 -0.01	28.15 2.04 0.00	31.21 2.52 0.00	34.91 3.03 0.00	37.34 3.49 0.00	37.27 3.54 0.01	38.75 3.76 -0.52	44.41 3.85 -6.19	46.22 4.17 -6.99	46.22 4.42 -5.30	47.00 4.39 -6.01	47.63 4.75 -3.95	51.80 5.47 0.00	54.24 5.42 0.00	50.64 4.85 0.00	45.81 4.54 0.00	45.33 4.16 0.00	39.28 3.64 0.00	36.90 3.23 -0.01	32.83 2.79 0.00
ASTORIA_GT_7 24107	31.98 3.04 -0.01	29.85 2.56 0.00	28.04 2.36 -0.01	27.06 2.32 -0.01	26.72 2.23 -0.01	28.15 2.04 0.00	31.21 2.52 0.00	34.91 3.03 0.00	37.34 3.49 0.00	37.27 3.54 0.01	38.75 3.76 -0.52	44.41 3.85 -6.19	46.22 4.17 -6.99	46.22 4.42 -5.30	47.00 4.39 -6.01	47.63 4.75 -3.95	51.80 5.47 0.00	54.24 5.42 0.00	50.64 4.85 0.00	45.81 4.54 0.00	45.33 4.16 0.00	39.28 3.64 0.00	36.90 3.23 -0.01	32.83 2.79 0.00
ASTORIA_GT_8 24108	31.98 3.04 -0.01	29.85 2.56 0.00	28.04 2.36 -0.01	27.06 2.32 -0.01	26.72 2.23 -0.01	28.15 2.04 0.00	31.21 2.52 0.00	34.91 3.03 0.00	37.34 3.49 0.00	37.27 3.54 0.01	38.75 3.76 -0.52	44.41 3.85 -6.19	46.22 4.17 -6.99	46.22 4.42 -5.30	47.00 4.39 -6.01	47.63 4.75 -3.95	51.80 5.47 0.00	54.24 5.42 0.00	50.64 4.85 0.00	45.81 4.54 0.00	45.33 4.16 0.00	39.28 3.64 0.00	36.90 3.23 -0.01	32.83 2.79 0.00
ASTORIA___2 24149	31.92 2.98 -0.01	29.82 2.54 0.00	27.96 2.28 -0.01	27.01 2.27 -0.01	26.67 2.18 -0.01	28.07 1.96 0.00	31.11 2.44 0.01	34.84 2.97 0.01	37.23 3.39 0.01	37.20 3.48 0.01	38.85 3.86 -0.52	44.37 3.81 -6.18	46.14 4.10 -6.98	46.14 4.34 -5.30	46.95 4.35 -6.00	47.55 4.67 -3.95	51.65 5.33 0.01	54.13 5.32 0.01	50.50 4.72 0.01	45.68 4.42 0.01	45.28 4.12 0.01	39.20 3.56 0.01	36.80 3.13 -0.01	32.74 2.70 0.00
ASTORIA___3 23516	31.92 2.98 -0.01	29.74 2.46 0.00	27.91 2.23 -0.01	26.91 2.18 -0.01	26.60 2.11 -0.01	28.15 2.04 0.00	31.21 2.52 0.00	34.91 3.03 0.00	37.31 3.46 0.00	39.91 3.54 -2.63	44.12 3.86 -5.80	44.37 3.81 -6.19	46.11 4.07 -6.99	46.11 4.30 -5.30	46.92 4.32 -6.01	47.63 4.63 -4.07	51.75 5.42 0.00	54.19 5.37 0.00	50.55 4.76 0.00	45.73 4.46 0.00	45.33 4.16 0.00	39.28 3.64 0.00	36.76 3.09 -0.01	32.71 2.67 0.00
ASTORIA___4 23517	31.92 2.98 -0.01	29.71 2.43 0.00	27.91 2.23 -0.01	26.91 2.18 -0.01	26.60 2.11 -0.01	28.15 2.04 0.00	31.21 2.52 0.00	34.91 3.03 0.00	37.31 3.45 0.00	39.87 3.51 -2.63	43.91 3.65 -5.80	44.30 3.75 -6.19	46.12 4.07 -6.99	46.11 4.31 -5.30	46.89 4.28 -6.01	47.63 4.63 -4.07	51.75 5.42 0.00	54.19 5.37 0.00	50.60 4.81 0.00	45.73 4.46 0.00	45.29 4.12 0.00	39.24 3.60 0.00	36.77 3.10 -0.01	32.74 2.70 0.00
ASTORIA___5 23518	31.92 2.98 -0.01	29.74 2.46 0.00	27.91 2.23 -0.01	26.91 2.18 -0.01	26.60 2.11 -0.01	28.15 2.04 0.00	31.21 2.52 0.00	34.91 3.03 0.00	37.31 3.46 0.00	39.91 3.54 -2.63	44.12 3.86 -5.80	44.37 3.81 -6.19	46.11 4.07 -6.99	46.11 4.30 -5.30	46.92 4.32 -6.01	47.63 4.63 -4.07	51.75 5.42 0.00	54.19 5.37 0.00	50.55 4.76 0.00	45.73 4.46 0.00	45.33 4.16 0.00	39.28 3.64 0.00	36.76 3.09 -0.01	32.71 2.67 0.00
AST_ENERGY_2_CC3 323677	31.77 2.84 0.00	29.60 2.32 0.00	27.77 2.11 0.00	26.75 2.03 0.00	26.45 1.96 0.00	28.10 1.98 0.00	31.15 2.47 0.00	34.78 2.90 0.00	37.16 3.32 0.02	37.13 3.41 0.02	38.74 3.76 -0.52	44.09 3.71 -6.00	45.83 4.00 -6.78	45.84 4.20 -5.14	46.67 4.24 -5.83	47.55 4.67 -3.94	51.69 5.37 0.02	54.19 5.37 0.00	50.60 4.81 0.00	45.52 4.25 0.00	45.13 3.95 0.00	39.10 3.46 0.00	36.56 2.90 0.00	32.56 2.52 0.00
AST_ENERGY_2_CC4 323678	31.77 2.84 0.00	29.60 2.32 0.00	27.77 2.11 0.00	26.75 2.03 0.00	26.45 1.96 0.00	28.10 1.98 0.00	31.15 2.47 0.00	34.78 2.90 0.00	37.16 3.32 0.02	37.13 3.41 0.02	38.74 3.76 -0.52	44.09 3.71 -6.00	45.83 4.00 -6.78	45.84 4.20 -5.14	46.67 4.24 -5.83	47.55 4.67 -3.94	51.69 5.37 0.02	54.19 5.37 0.00	50.60 4.81 0.00	45.52 4.25 0.00	45.13 3.95 0.00	39.10 3.46 0.00	36.56 2.90 0.00	32.56 2.52 0.00

ATHENS_STG_1 23668	30.29 1.36 0.00	28.40 1.12 0.00	26.70 1.03 0.00	25.76 1.04 0.00	25.49 1.00 0.00	27.13 1.02 0.00	29.89 1.20 0.00	33.22 1.34 0.00	35.34 1.49 0.00	35.26 1.52 0.00	36.15 1.69 0.00	35.98 1.62 0.00	36.88 1.82 0.00	38.39 1.90 0.00	38.53 1.94 0.00	41.11 2.18 0.00	48.92 2.59 0.00	51.45 2.63 0.00	48.22 2.43 0.00	43.37 2.10 0.00	43.11 1.94 0.00	37.28 1.64 0.00	34.91 1.25 0.00	31.15 1.11 0.00
ATHENS_STG_2 23670	30.29 1.36 0.00	28.40 1.12 0.00	26.70 1.03 0.00	25.76 1.04 0.00	25.49 1.00 0.00	27.13 1.02 0.00	29.89 1.20 0.00	33.22 1.34 0.00	35.34 1.49 0.00	35.26 1.52 0.00	36.15 1.69 0.00	35.98 1.62 0.00	36.88 1.82 0.00	38.39 1.90 0.00	38.53 1.94 0.00	41.11 2.18 0.00	48.92 2.59 0.00	51.45 2.63 0.00	48.22 2.43 0.00	43.37 2.10 0.00	43.11 1.94 0.00	37.28 1.64 0.00	34.91 1.25 0.00	31.15 1.11 0.00
ATHENS_STG_3 23677	30.29 1.36 0.00	28.40 1.12 0.00	26.70 1.03 0.00	25.76 1.04 0.00	25.49 1.00 0.00	27.13 1.02 0.00	29.89 1.20 0.00	33.22 1.34 0.00	35.34 1.49 0.00	35.26 1.52 0.00	36.15 1.69 0.00	35.98 1.62 0.00	36.88 1.82 0.00	38.39 1.90 0.00	38.53 1.94 0.00	41.11 2.18 0.00	48.92 2.59 0.00	51.45 2.63 0.00	48.22 2.43 0.00	43.37 2.10 0.00	43.11 1.94 0.00	37.28 1.64 0.00	34.91 1.25 0.00	31.15 1.11 0.00
AUBURN___LFGE 323710	29.05 0.12 0.00	27.20 -0.08 0.00	25.59 -0.08 0.00	24.58 -0.15 0.00	24.36 -0.12 0.00	26.06 -0.05 0.00	28.86 0.17 0.00	32.34 0.26 -0.21	34.59 0.20 -0.53	33.97 0.24 0.00	34.71 0.24 0.00	34.75 0.38 0.00	35.52 0.46 0.00	36.97 0.47 0.00	36.89 0.29 0.00	39.21 0.27 0.00	46.66 0.32 0.00	49.64 0.54 -0.28	46.34 0.55 0.00	42.52 0.62 -0.63	42.71 0.91 -0.63	36.42 0.78 0.00	34.23 0.57 0.00	30.43 0.39 0.00
BABYLON_RES_REC 323704	43.65 3.30 -11.42	42.87 2.75 -12.83	38.42 2.54 -10.21	34.35 2.47 -7.15	31.79 2.42 -4.88	35.69 2.51 -7.07	38.18 3.01 -6.48	41.09 3.48 -5.73	43.64 3.86 -5.92	43.86 3.91 -6.22	47.07 4.24 -8.36	50.67 4.19 -12.11	53.41 4.49 -13.86	65.15 4.71 -23.94	56.82 4.83 -15.39	65.55 5.25 -21.36	103.68 6.21 -51.13	83.29 6.39 -28.08	72.65 5.82 -21.04	51.58 5.07 -5.24	52.48 4.86 -6.45	51.38 4.13 -11.61	46.22 3.50 -9.06	45.24 3.09 -12.11
BABYLON__69_KV_BK2 356345	44.05 3.70 -11.42	43.22 3.11 -12.83	38.77 2.90 -10.21	34.67 2.79 -7.15	32.09 2.72 -4.88	36.03 2.85 -7.07	38.55 3.38 -6.48	41.50 3.89 -5.73	44.08 4.30 -5.92	44.27 4.32 -6.22	47.41 4.58 -8.36	51.28 4.71 -12.20	54.02 5.08 -13.87	65.76 5.33 -23.94	58.48 5.42 -16.47	66.17 5.88 -21.36	104.33 7.13 -51.14	91.59 6.86 -35.65	82.03 5.74 -29.78	53.52 5.46 -6.51	55.91 5.48 -9.26	55.44 4.70 -15.09	46.72 4.01 -9.06	45.66 3.51 -12.11
BALL_HILL_WT_PWR 323825	28.03 -0.90 0.00	26.14 -1.14 0.00	24.57 -1.10 0.00	23.34 -1.38 0.00	23.21 -1.27 0.00	25.02 -1.10 0.00	28.00 -0.69 0.00	30.96 -0.93 0.00	32.64 -1.22 0.00	32.99 -0.74 0.00	34.40 -0.07 0.00	34.09 -0.28 0.00	34.78 -0.28 0.00	36.17 -0.33 0.00	35.61 -0.99 0.00	37.45 -1.48 0.00	44.57 -1.76 0.00	47.50 -1.32 0.00	44.56 -1.23 0.00	40.65 -0.62 0.00	41.63 0.45 0.00	36.25 0.61 0.00	34.23 0.57 0.00	30.88 0.84 0.00
BARON_WINDS___WT_PWR 323822	28.29 -0.64 0.00	26.44 -0.85 0.00	24.85 -0.82 0.00	23.74 -0.99 0.00	23.53 -0.96 0.00	25.33 -0.78 0.00	28.26 -0.43 0.00	31.29 -0.64 -0.05	33.08 -0.91 -0.13	33.13 -0.61 0.00	34.29 -0.17 0.00	34.06 -0.31 0.00	34.74 -0.32 0.00	36.13 -0.36 0.00	35.79 -0.81 0.00	37.84 -1.09 0.00	45.08 -1.25 0.00	48.16 -0.73 -0.07	45.19 -0.60 0.00	41.34 -0.08 -0.16	42.03 0.70 -0.16	36.35 0.71 0.00	34.20 0.54 0.00	30.70 0.66 0.00
BARRETT_IC_1 23704	43.45 3.10 -11.43	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.62 2.25 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.80 3.19 -5.73	43.33 3.55 -5.92	43.60 3.64 -6.22	46.76 3.93 -8.36	50.27 3.85 -12.05	53.09 4.17 -13.86	64.78 4.34 -23.94	55.86 4.39 -14.88	65.08 4.79 -21.36	103.07 5.60 -51.13	79.00 5.71 -24.47	67.88 5.22 -16.88	50.52 4.62 -4.63	50.27 4.32 -4.77	48.95 3.78 -9.53	45.99 3.26 -9.06	45.00 2.86 -12.11
BARRETT_IC_10 23701	43.45 3.10 -11.43	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.62 2.25 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.80 3.19 -5.73	43.33 3.55 -5.92	43.60 3.64 -6.22	46.76 3.93 -8.36	50.27 3.85 -12.05	53.09 4.17 -13.86	64.78 4.34 -23.94	55.86 4.39 -14.88	65.08 4.79 -21.36	103.07 5.60 -51.13	79.00 5.71 -24.47	67.88 5.22 -16.88	50.52 4.62 -4.63	50.27 4.32 -4.77	48.95 3.78 -9.53	45.99 3.26 -9.06	45.00 2.86 -12.11
BARRETT_IC_11 23702	43.45 3.10 -11.43	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.62 2.25 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.80 3.19 -5.73	43.33 3.55 -5.92	43.60 3.64 -6.22	46.76 3.93 -8.36	50.27 3.85 -12.05	53.09 4.17 -13.86	64.78 4.34 -23.94	55.86 4.39 -14.88	65.08 4.79 -21.36	103.07 5.60 -51.13	79.00 5.71 -24.47	67.88 5.22 -16.88	50.52 4.62 -4.63	50.27 4.32 -4.77	48.95 3.78 -9.53	45.99 3.26 -9.06	45.00 2.86 -12.11
BARRETT_IC_12 23703	43.45 3.10 -11.43	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.62 2.25 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.80 3.19 -5.73	43.33 3.55 -5.92	43.60 3.64 -6.22	46.76 3.93 -8.36	50.27 3.85 -12.05	53.09 4.17 -13.86	64.78 4.34 -23.94	55.86 4.39 -14.88	65.08 4.79 -21.36	103.07 5.60 -51.13	79.00 5.71 -24.47	67.88 5.22 -16.88	50.52 4.62 -4.63	50.27 4.32 -4.77	48.95 3.78 -9.53	45.99 3.26 -9.06	45.00 2.86 -12.11
BARRETT_IC_2 23705	43.45 3.10 -11.43	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.62 2.25 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.80 3.19 -5.73	43.33 3.55 -5.92	43.60 3.64 -6.22	46.76 3.93 -8.36	50.27 3.85 -12.05	53.09 4.17 -13.86	64.78 4.34 -23.94	55.86 4.39 -14.88	65.08 4.79 -21.36	103.07 5.60 -51.13	79.00 5.71 -24.47	67.88 5.22 -16.88	50.52 4.62 -4.63	50.27 4.32 -4.77	48.95 3.78 -9.53	45.99 3.26 -9.06	45.00 2.86 -12.11
BARRETT_IC_3 23706	43.45 3.10 -11.43	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.62 2.25 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.80 3.19 -5.73	43.33 3.55 -5.92	43.60 3.64 -6.22	46.76 3.93 -8.36	50.27 3.85 -12.05	53.09 4.17 -13.86	64.78 4.34 -23.94	55.86 4.39 -14.88	65.08 4.79 -21.36	103.07 5.60 -51.13	79.00 5.71 -24.47	67.88 5.22 -16.88	50.52 4.62 -4.63	50.27 4.32 -4.77	48.95 3.78 -9.53	45.99 3.26 -9.06	45.00 2.86 -12.11
BARRETT_IC_4 23707	43.45 3.10 -11.43	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.62 2.25 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.80 3.19 -5.73	43.33 3.55 -5.92	43.60 3.64 -6.22	46.76 3.93 -8.36	50.27 3.85 -12.05	53.09 4.17 -13.86	64.78 4.34 -23.94	55.86 4.39 -14.88	65.08 4.79 -21.36	103.07 5.60 -51.13	79.00 5.71 -24.47	67.88 5.22 -16.88	50.52 4.62 -4.63	50.27 4.32 -4.77	48.95 3.78 -9.53	45.99 3.26 -9.06	45.00 2.86 -12.11

BARRETT_IC_5 23708	43.45 3.10 -11.43	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.62 2.25 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.80 3.19 -5.73	43.33 3.55 -5.92	43.60 3.64 -6.22	46.76 3.93 -8.36	50.27 3.85 -12.05	53.09 4.17 -13.86	64.78 4.34 -23.94	55.86 4.39 -14.88	65.08 4.79 -21.36	103.07 5.60 -51.13	79.00 5.71 -24.47	67.88 5.22 -16.88	50.52 4.62 -4.63	50.27 4.32 -4.77	48.95 3.78 -9.53	45.99 3.26 -9.06	45.00 2.86 -12.11
BARRETT_IC_6 23709	43.45 3.10 -11.43	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.62 2.25 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.80 3.19 -5.73	43.33 3.55 -5.92	43.60 3.64 -6.22	46.76 3.93 -8.36	50.27 3.85 -12.05	53.09 4.17 -13.86	64.78 4.34 -23.94	55.86 4.39 -14.88	65.08 4.79 -21.36	103.07 5.60 -51.13	79.00 5.71 -24.47	67.88 5.22 -16.88	50.52 4.62 -4.63	50.27 4.32 -4.77	48.95 3.78 -9.53	45.99 3.26 -9.06	45.00 2.86 -12.11
BARRETT_IC_7 23710	43.44 3.10 -11.42	42.68 2.56 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.60 2.23 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.87 3.25 -5.73	43.33 3.55 -5.92	43.56 3.61 -6.22	46.55 3.72 -8.36	50.24 3.81 -12.05	53.09 4.17 -13.86	64.78 4.34 -23.94	55.87 4.39 -14.88	65.08 4.79 -21.36	103.07 5.61 -51.13	79.00 5.71 -24.47	67.89 5.22 -16.88	50.56 4.66 -4.63	50.31 4.36 -4.77	48.95 3.78 -9.53	45.98 3.27 -9.06	45.00 2.85 -12.11
BARRETT_IC_8 23711	43.45 3.10 -11.43	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.62 2.25 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.80 3.19 -5.73	43.33 3.55 -5.92	43.60 3.64 -6.22	46.76 3.93 -8.36	50.27 3.85 -12.05	53.09 4.17 -13.86	64.78 4.34 -23.94	55.86 4.39 -14.88	65.08 4.79 -21.36	103.07 5.60 -51.13	79.00 5.71 -24.47	67.88 5.22 -16.88	50.52 4.62 -4.63	50.27 4.32 -4.77	48.95 3.78 -9.53	45.99 3.26 -9.06	45.00 2.86 -12.11
BARRETT_IC_9 23700	43.45 3.10 -11.43	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.62 2.25 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.80 3.19 -5.73	43.33 3.55 -5.92	43.60 3.64 -6.22	46.76 3.93 -8.36	50.27 3.85 -12.05	53.09 4.17 -13.86	64.78 4.34 -23.94	55.86 4.39 -14.88	65.08 4.79 -21.36	103.07 5.60 -51.13	79.00 5.71 -24.47	67.88 5.22 -16.88	50.52 4.62 -4.63	50.27 4.32 -4.77	48.95 3.78 -9.53	45.99 3.26 -9.06	45.00 2.86 -12.11
BARRETT___1 23545	43.45 3.10 -11.43	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.62 2.25 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.80 3.19 -5.73	43.33 3.55 -5.92	43.60 3.64 -6.22	46.76 3.93 -8.36	50.27 3.85 -12.05	53.09 4.17 -13.86	64.78 4.34 -23.94	55.86 4.39 -14.88	65.08 4.79 -21.36	103.07 5.60 -51.13	79.00 5.71 -24.47	67.88 5.22 -16.88	50.52 4.62 -4.63	50.27 4.32 -4.77	48.95 3.78 -9.53	45.99 3.26 -9.06	45.00 2.86 -12.11
BARRETT___2 23546	43.45 3.10 -11.43	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.62 2.25 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.80 3.19 -5.73	43.33 3.55 -5.92	43.60 3.64 -6.22	46.76 3.93 -8.36	50.27 3.85 -12.05	53.09 4.17 -13.86	64.78 4.34 -23.94	55.86 4.39 -14.88	65.08 4.79 -21.36	103.07 5.60 -51.13	79.00 5.71 -24.47	67.88 5.22 -16.88	50.52 4.62 -4.63	50.27 4.32 -4.77	48.95 3.78 -9.53	45.99 3.26 -9.06	45.00 2.86 -12.11
BATAVIA___115KV_TB1 55881	28.47 -0.46 0.00	26.41 -0.87 0.00	24.87 -0.80 0.00	23.69 -1.04 0.00	23.58 -0.91 0.00	25.41 -0.71 0.00	28.37 -0.32 0.00	31.37 -0.51 0.00	33.11 -0.74 0.00	32.82 -0.91 0.00	33.71 -0.76 0.00	34.02 -0.34 0.00	35.10 0.04 0.00	36.43 -0.07 0.00	35.83 -0.77 0.00	37.57 -1.36 0.00	44.80 -1.53 0.00	47.55 -1.27 0.00	44.69 -1.10 0.00	40.82 -0.45 0.00	42.08 0.91 0.00	36.60 0.96 0.00	34.50 0.84 0.00	30.94 0.90 0.00
BAYONEEC___CTG1 323682	31.82 2.89 0.00	29.63 2.35 0.00	27.80 2.13 0.00	26.78 2.05 0.00	26.47 1.98 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.97 0.00	37.21 3.35 0.00	37.18 3.44 0.00	38.77 3.79 -0.52	44.12 3.75 -6.01	45.87 4.03 -6.78	45.87 4.23 -5.15	46.71 4.28 -5.83	47.55 4.67 -3.94	51.80 5.46 0.00	54.19 5.37 0.00	50.64 4.85 0.00	45.60 4.33 0.00	45.17 3.99 0.00	39.14 3.49 0.00	36.62 2.96 0.00	32.62 2.58 0.00
BAYONEEC___CTG10 323750	31.82 2.89 0.00	29.63 2.35 0.00	27.80 2.13 0.00	26.78 2.05 0.00	26.47 1.98 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.97 0.00	37.21 3.35 0.00	37.18 3.44 0.00	38.77 3.79 -0.52	44.12 3.75 -6.01	45.87 4.03 -6.78	45.87 4.23 -5.15	46.71 4.28 -5.83	47.55 4.67 -3.94	51.80 5.46 0.00	54.19 5.37 0.00	50.64 4.85 0.00	45.60 4.33 0.00	45.17 3.99 0.00	39.14 3.49 0.00	36.62 2.96 0.00	32.62 2.58 0.00
BAYONEEC___CTG2 323683	31.82 2.89 0.00	29.63 2.35 0.00	27.80 2.13 0.00	26.78 2.05 0.00	26.47 1.98 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.97 0.00	37.21 3.35 0.00	37.18 3.44 0.00	38.77 3.79 -0.52	44.12 3.75 -6.01	45.87 4.03 -6.78	45.87 4.23 -5.15	46.71 4.28 -5.83	47.55 4.67 -3.94	51.80 5.46 0.00	54.19 5.37 0.00	50.64 4.85 0.00	45.60 4.33 0.00	45.17 3.99 0.00	39.14 3.49 0.00	36.62 2.96 0.00	32.62 2.58 0.00
BAYONEEC___CTG3 323684	31.82 2.89 0.00	29.63 2.35 0.00	27.80 2.13 0.00	26.78 2.05 0.00	26.47 1.98 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.97 0.00	37.21 3.35 0.00	37.18 3.44 0.00	38.77 3.79 -0.52	44.12 3.75 -6.01	45.87 4.03 -6.78	45.87 4.23 -5.15	46.71 4.28 -5.83	47.55 4.67 -3.94	51.80 5.46 0.00	54.19 5.37 0.00	50.64 4.85 0.00	45.60 4.33 0.00	45.17 3.99 0.00	39.14 3.49 0.00	36.62 2.96 0.00	32.62 2.58 0.00
BAYONEEC___CTG4 323685	31.82 2.89 0.00	29.63 2.35 0.00	27.80 2.13 0.00	26.78 2.05 0.00	26.47 1.98 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.97 0.00	37.21 3.35 0.00	37.18 3.44 0.00	38.77 3.79 -0.52	44.12 3.75 -6.01	45.87 4.03 -6.78	45.87 4.23 -5.15	46.71 4.28 -5.83	47.55 4.67 -3.94	51.80 5.46 0.00	54.19 5.37 0.00	50.64 4.85 0.00	45.60 4.33 0.00	45.17 3.99 0.00	39.14 3.49 0.00	36.62 2.96 0.00	32.62 2.58 0.00
BAYONEEC___CTG5 323686	31.82 2.89 0.00	29.63 2.35 0.00	27.80 2.13 0.00	26.78 2.05 0.00	26.47 1.98 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.97 0.00	37.21 3.35 0.00	37.18 3.44 0.00	38.77 3.79 -0.52	44.12 3.75 -6.01	45.87 4.03 -6.78	45.87 4.23 -5.15	46.71 4.28 -5.83	47.55 4.67 -3.94	51.80 5.46 0.00	54.19 5.37 0.00	50.64 4.85 0.00	45.60 4.33 0.00	45.17 3.99 0.00	39.14 3.49 0.00	36.62 2.96 0.00	32.62 2.58 0.00
BAYONEEC___CTG6 323687	31.82 2.89 0.00	29.63 2.35 0.00	27.80 2.13 0.00	26.78 2.05 0.00	26.47 1.98 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.97 0.00	37.21 3.35 0.00	37.18 3.44 0.00	38.77 3.79 -0.52	44.12 3.75 -6.01	45.87 4.03 -6.78	45.87 4.23 -5.15	46.71 4.28 -5.83	47.55 4.67 -3.94	51.80 5.46 0.00	54.19 5.37 0.00	50.64 4.85 0.00	45.60 4.33 0.00	45.17 3.99 0.00	39.14 3.49 0.00	36.62 2.96 0.00	32.62 2.58 0.00

BAYONEEC___CTG7 323688	31.82 2.89 0.00	29.63 2.35 0.00	27.80 2.13 0.00	26.78 2.05 0.00	26.47 1.98 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.97 0.00	37.21 3.35 0.00	37.18 3.44 0.00	38.77 3.79 -0.52	44.12 3.75 -6.01	45.87 4.03 -6.78	45.87 4.23 -5.15	46.71 4.28 -5.83	47.55 4.67 -3.94	51.80 5.46 0.00	54.19 5.37 0.00	50.64 4.85 0.00	45.60 4.33 0.00	45.17 3.99 0.00	39.14 3.49 0.00	36.62 2.96 0.00	32.62 2.58 0.00
BAYONEEC___CTG8 323689	31.82 2.89 0.00	29.63 2.35 0.00	27.80 2.13 0.00	26.78 2.05 0.00	26.47 1.98 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.97 0.00	37.21 3.35 0.00	37.18 3.44 0.00	38.77 3.79 -0.52	44.12 3.75 -6.01	45.87 4.03 -6.78	45.87 4.23 -5.15	46.71 4.28 -5.83	47.55 4.67 -3.94	51.80 5.46 0.00	54.19 5.37 0.00	50.64 4.85 0.00	45.60 4.33 0.00	45.17 3.99 0.00	39.14 3.49 0.00	36.62 2.96 0.00	32.62 2.58 0.00
BAYONEEC___CTG9 323749	31.82 2.89 0.00	29.63 2.35 0.00	27.80 2.13 0.00	26.78 2.05 0.00	26.47 1.98 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.97 0.00	37.21 3.35 0.00	37.18 3.44 0.00	38.77 3.79 -0.52	44.12 3.75 -6.01	45.87 4.03 -6.78	45.87 4.23 -5.15	46.71 4.28 -5.83	47.55 4.67 -3.94	51.80 5.46 0.00	54.19 5.37 0.00	50.64 4.85 0.00	45.60 4.33 0.00	45.17 3.99 0.00	39.14 3.49 0.00	36.62 2.96 0.00	32.62 2.58 0.00
BEACON___LESR 323632	30.26 1.33 0.00	28.43 1.15 0.00	26.75 1.08 0.00	25.79 1.06 0.00	25.49 1.00 0.00	27.16 1.05 0.00	29.92 1.23 0.00	33.06 1.18 0.00	35.18 1.32 0.00	34.98 1.25 0.00	35.84 1.38 0.00	35.57 1.20 0.00	36.43 1.37 0.00	37.92 1.42 0.00	38.10 1.50 0.00	40.61 1.67 0.00	48.37 2.04 0.00	51.07 2.25 0.00	47.90 2.11 0.00	43.13 1.86 0.00	42.90 1.73 0.00	37.17 1.53 0.00	34.74 1.08 0.00	31.06 1.02 0.00
BEAVER RIVER___HYD 24048	28.79 -0.14 0.00	27.10 -0.19 0.00	25.49 -0.18 0.00	24.58 -0.15 0.00	24.36 -0.12 0.00	26.25 0.13 0.00	28.97 0.29 0.00	32.39 0.38 -0.12	34.47 0.30 -0.31	34.00 0.27 0.00	34.53 0.07 0.00	34.44 0.07 0.00	34.88 -0.17 0.00	34.45 -0.25 1.79	33.44 -0.37 2.79	33.63 -0.47 4.84	39.73 -0.05 6.55	41.40 0.10 7.52	44.99 0.41 1.22	42.13 0.50 -0.37	42.29 0.74 -0.37	36.35 0.71 0.00	34.17 0.51 0.00	30.43 0.39 0.00
BEEBEE_GT_13 23619	28.38 -0.55 0.00	26.47 -0.82 0.00	24.92 -0.74 0.00	23.81 -0.91 0.00	23.65 -0.83 0.00	25.41 -0.71 0.00	28.23 -0.46 0.00	31.34 -0.54 0.00	33.18 -0.68 0.00	32.99 -0.74 0.00	33.84 -0.62 0.00	34.06 -0.31 0.00	35.03 -0.04 0.00	36.35 -0.15 0.00	36.01 -0.59 0.00	37.96 -0.97 0.00	45.22 -1.11 0.00	47.84 -0.98 0.00	44.92 -0.87 0.00	40.82 -0.45 0.00	41.63 0.45 0.00	36.14 0.50 0.00	34.03 0.37 0.00	30.40 0.36 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.68 3.33 -1.42	30.02 2.73 -0.01	28.22 2.54 -0.01	27.18 2.45 -0.01	26.87 2.38 -0.01	28.39 2.27 0.00	31.50 2.81 0.00	35.20 3.32 0.00	37.68 3.83 0.00	56.22 3.91 -18.58	57.76 4.10 -19.19	47.21 4.19 -8.65	49.64 4.56 -10.03	49.06 4.85 -7.71	50.04 4.83 -8.62	50.07 5.22 -5.92	81.33 6.12 -28.89	113.48 6.15 -58.51	76.86 5.54 -25.53	84.82 5.12 -38.43	46.86 4.74 -0.95	52.47 4.13 -12.70	54.27 3.57 -17.04	57.95 3.09 -24.82
BETHLEHEM___GRP 23843	29.80 0.87 0.00	28.00 0.71 0.00	26.41 0.74 0.00	25.49 0.77 0.00	25.17 0.69 0.00	26.79 0.68 0.00	29.46 0.77 0.00	32.55 0.67 0.00	34.60 0.74 0.00	34.41 0.67 0.00	35.15 0.69 0.00	34.99 0.62 0.00	35.87 0.81 0.00	37.34 0.84 0.00	37.51 0.91 0.00	40.02 1.09 0.00	47.63 1.30 0.00	50.19 1.37 0.00	47.07 1.28 0.00	42.38 1.11 0.00	42.08 0.91 0.00	36.46 0.82 0.00	34.13 0.47 0.00	30.55 0.51 0.00
BETHLEHEM___GS1 323560	29.80 0.87 0.00	28.02 0.74 0.00	26.41 0.74 0.00	25.49 0.77 0.00	25.17 0.68 0.00	26.79 0.68 0.00	29.46 0.77 0.00	32.55 0.67 0.00	34.60 0.74 0.00	34.45 0.71 0.00	35.26 0.79 0.00	35.02 0.65 0.00	35.87 0.81 0.00	37.37 0.87 0.00	37.51 0.92 0.00	40.02 1.09 0.00	47.63 1.30 0.00	50.18 1.37 0.00	47.07 1.28 0.00	42.38 1.11 0.00	42.12 0.95 0.00	36.46 0.82 0.00	34.13 0.47 0.00	30.55 0.51 0.00
BETHLEHEM___GS2 323561	29.80 0.87 0.00	28.02 0.74 0.00	26.41 0.74 0.00	25.49 0.77 0.00	25.17 0.68 0.00	26.79 0.68 0.00	29.46 0.77 0.00	32.55 0.67 0.00	34.60 0.74 0.00	34.45 0.71 0.00	35.26 0.79 0.00	35.02 0.65 0.00	35.87 0.81 0.00	37.37 0.87 0.00	37.51 0.92 0.00	40.02 1.09 0.00	47.63 1.30 0.00	50.18 1.37 0.00	47.07 1.28 0.00	42.38 1.11 0.00	42.12 0.95 0.00	36.46 0.82 0.00	34.13 0.47 0.00	30.55 0.51 0.00
BETHLEHEM___GS3 323562	29.80 0.87 0.00	28.02 0.74 0.00	26.41 0.74 0.00	25.49 0.77 0.00	25.17 0.68 0.00	26.79 0.68 0.00	29.46 0.77 0.00	32.55 0.67 0.00	34.60 0.74 0.00	34.45 0.71 0.00	35.26 0.79 0.00	35.02 0.65 0.00	35.87 0.81 0.00	37.37 0.87 0.00	37.51 0.92 0.00	40.02 1.09 0.00	47.63 1.30 0.00	50.18 1.37 0.00	47.07 1.28 0.00	42.38 1.11 0.00	42.12 0.95 0.00	36.46 0.82 0.00	34.13 0.47 0.00	30.55 0.51 0.00
BETHLEHEM___STEEL 23779	28.03 -0.90 0.00	26.03 -1.26 0.00	24.51 -1.16 0.00	23.34 -1.38 0.00	23.19 -1.30 0.00	24.99 -1.12 0.00	27.97 -0.72 0.00	30.86 -1.02 0.00	32.54 -1.32 0.00	32.32 -1.42 0.00	33.33 -1.14 0.00	33.65 -0.72 0.00	34.68 -0.39 0.00	36.02 -0.47 0.00	35.46 -1.13 0.00	37.22 -1.71 0.00	44.29 -2.04 0.00	47.16 -1.66 0.00	44.19 -1.60 0.00	40.36 -0.91 0.00	41.55 0.37 0.00	36.14 0.50 0.00	34.13 0.47 0.00	30.70 0.66 0.00
BETHLHEM_115KV_TB1 79974	29.86 0.93 0.00	28.05 0.76 0.00	26.44 0.77 0.00	25.49 0.77 0.00	25.20 0.71 0.00	26.82 0.71 0.00	29.52 0.83 0.00	32.65 0.77 0.00	34.67 0.81 0.00	34.48 0.74 0.00	35.22 0.76 0.00	35.09 0.72 0.00	35.97 0.91 0.00	37.45 0.95 0.00	37.58 0.99 0.00	40.10 1.17 0.00	47.72 1.39 0.00	50.28 1.46 0.00	47.16 1.37 0.00	42.47 1.20 0.00	42.20 1.03 0.00	36.57 0.93 0.00	34.23 0.57 0.00	30.64 0.60 0.00
BETHPAGE_CC_5 323564	43.48 3.13 -11.42	42.70 2.59 -12.83	38.29 2.41 -10.21	34.23 2.35 -7.15	31.67 2.30 -4.88	35.56 2.38 -7.07	38.01 2.84 -6.48	40.90 3.28 -5.73	43.44 3.66 -5.92	43.66 3.71 -6.22	46.86 4.03 -8.36	50.40 3.95 -12.08	53.20 4.28 -13.86	64.92 4.49 -23.94	56.19 4.57 -15.02	65.28 4.98 -21.36	103.35 5.88 -51.13	80.32 6.00 -25.50	69.26 5.40 -18.07	50.82 4.74 -4.80	51.36 4.49 -5.70	50.17 3.85 -10.68	46.02 3.30 -9.06	45.06 2.91 -12.11
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.12 -0.81 0.00	26.09 -1.20 0.00	24.56 -1.10 0.00	23.39 -1.34 0.00	23.24 -1.25 0.00	25.07 -1.04 0.00	28.05 -0.63 0.00	30.96 -0.92 0.00	32.64 -1.22 0.00	32.45 -1.28 0.00	33.43 -1.03 0.00	33.78 -0.58 0.00	34.78 -0.28 0.00	36.17 -0.33 0.00	35.57 -1.02 0.00	37.38 -1.56 0.00	44.43 -1.90 0.00	47.35 -1.46 0.00	44.37 -1.42 0.00	40.53 -0.74 0.00	41.67 0.49 0.00	36.28 0.64 0.00	34.20 0.54 0.00	30.79 0.75 0.00

BINGHAMTON___COGEN 23790	29.22 0.29 0.00	27.34 0.05 0.00	25.72 0.05 0.00	24.68 -0.05 0.00	24.46 -0.02 0.00	26.19 0.08 0.00	29.00 0.32 0.00	32.32 0.35 -0.09	34.40 0.30 -0.24	34.04 0.30 0.00	34.81 0.34 0.00	34.85 0.48 0.00	35.73 0.67 0.00	37.15 0.66 0.00	37.11 0.51 0.00	39.44 0.51 0.00	46.98 0.65 0.00	49.82 0.88 -0.13	46.57 0.78 0.00	42.38 0.83 -0.28	42.57 1.11 -0.28	36.64 1.00 0.00	34.40 0.74 0.00	30.70 0.66 0.00
BIXINCNT_115KV_LOAD 355685	27.92 -1.01 0.00	25.98 -1.31 0.00	24.44 -1.23 0.00	23.17 -1.56 0.00	23.07 -1.42 0.00	24.94 -1.18 0.00	28.03 -0.66 0.00	30.80 -1.08 0.00	32.70 -1.15 0.00	32.39 -1.35 0.00	33.33 -1.14 0.00	33.61 -0.76 0.00	34.50 -0.56 0.00	36.10 -0.40 0.00	35.42 -1.17 0.00	36.99 -1.95 0.00	44.02 -2.32 0.00	47.26 -1.56 0.00	44.42 -1.37 0.00	40.69 -0.58 0.00	41.59 0.41 0.00	36.25 0.61 0.00	34.10 0.44 0.00	30.79 0.75 0.00
BLACK RIVER___HYD 24047	29.07 0.15 0.00	27.31 0.03 0.00	25.69 0.03 0.00	24.78 0.05 0.00	24.54 0.05 0.00	26.43 0.31 0.00	29.20 0.52 0.00	32.76 0.67 -0.20	34.95 0.58 -0.52	34.27 0.54 0.00	34.84 0.38 0.00	34.75 0.38 0.00	35.27 0.21 0.00	35.41 0.15 1.24	34.64 -0.04 1.92	35.48 -0.12 3.34	41.86 0.05 4.52	44.09 0.29 5.02	45.64 0.69 0.84	42.71 0.83 -0.62	42.95 1.15 -0.62	36.71 1.07 0.00	34.40 0.74 0.00	30.58 0.54 0.00
BLACKRVR_115KV_TB2 79977	29.07 0.14 0.00	27.31 0.03 0.00	25.69 0.03 0.00	24.78 0.05 0.00	24.54 0.05 0.00	26.43 0.31 0.00	29.20 0.52 0.00	32.75 0.67 -0.20	34.96 0.58 -0.52	34.21 0.47 0.00	34.74 0.28 0.00	34.71 0.34 0.00	35.27 0.21 0.00	35.37 0.11 1.24	34.64 -0.04 1.92	35.48 -0.12 3.34	41.86 0.05 4.52	44.09 0.29 5.02	45.64 0.69 0.84	42.71 0.83 -0.62	42.95 1.15 -0.62	36.75 1.10 0.00	34.40 0.74 0.00	30.58 0.54 0.00
BLISS_WT_PWR 323608	27.77 -1.16 0.00	25.98 -1.31 0.00	24.36 -1.31 0.00	23.07 -1.66 0.00	22.99 -1.49 0.00	24.86 -1.25 0.00	27.94 -0.75 0.00	30.64 -1.24 0.00	32.57 -1.29 0.00	32.79 -0.94 0.00	34.12 -0.34 0.00	33.82 -0.55 0.00	34.32 -0.74 0.00	36.02 -0.48 0.00	35.24 -1.35 0.00	36.72 -2.22 0.00	43.69 -2.64 0.00	47.06 -1.76 0.00	44.28 -1.51 0.00	40.57 -0.70 0.00	41.34 0.17 0.00	36.10 0.46 0.00	34.00 0.34 0.00	30.76 0.72 0.00
BLUESTONE___WT_PWR 323821	30.64 1.71 0.00	28.65 1.36 0.00	26.93 1.26 0.00	25.89 1.16 0.00	25.66 1.18 0.00	27.55 1.44 0.00	30.61 1.92 0.00	34.13 2.17 -0.08	36.16 2.10 -0.20	35.90 2.16 0.00	36.64 2.17 0.00	36.50 2.13 0.00	37.31 2.25 0.00	38.72 2.23 0.00	38.68 2.08 0.00	41.03 2.10 0.00	48.92 2.59 0.00	52.01 3.08 -0.11	48.95 3.16 0.00	44.48 2.97 -0.24	44.75 3.33 -0.24	38.63 2.99 0.00	36.02 2.36 0.00	32.08 2.04 0.00
BLUE_CIRC_CHEM_DRP 24182	30.09 1.16 0.00	28.27 0.98 0.00	26.62 0.95 0.00	25.67 0.94 0.00	25.37 0.88 0.00	27.03 0.91 0.00	29.72 1.03 0.00	32.87 0.99 0.00	34.87 1.02 0.00	34.61 0.88 0.00	35.29 0.83 0.00	35.06 0.69 0.00	35.90 0.84 0.00	37.37 0.88 0.00	37.51 0.91 0.00	40.02 1.09 0.00	47.68 1.34 0.00	50.33 1.51 0.00	47.30 1.51 0.00	42.63 1.36 0.00	42.45 1.28 0.00	36.85 1.21 0.00	34.54 0.88 0.00	30.88 0.84 0.00
BOC_GAS_DRP 24189	29.91 0.98 0.00	28.08 0.79 0.00	26.44 0.77 0.00	25.49 0.77 0.00	25.22 0.73 0.00	26.87 0.76 0.00	29.57 0.89 0.00	32.81 0.92 0.00	34.84 0.98 0.00	34.68 0.94 0.00	35.43 0.97 0.00	35.30 0.93 0.00	36.18 1.12 0.00	37.67 1.17 0.00	37.80 1.21 0.00	40.30 1.36 0.00	47.95 1.62 0.00	50.53 1.71 0.00	47.39 1.60 0.00	42.63 1.36 0.00	42.41 1.24 0.00	36.75 1.10 0.00	34.43 0.77 0.00	30.79 0.75 0.00
BOONVILLE_115KV_TB1 79983	29.45 0.52 0.00	27.64 0.35 0.00	26.03 0.36 0.00	25.07 0.35 0.00	24.85 0.37 0.00	26.69 0.57 0.00	29.46 0.77 0.00	32.83 0.89 -0.06	34.92 0.91 -0.15	34.61 0.88 0.00	35.22 0.76 0.00	35.16 0.79 0.00	35.80 0.74 0.00	36.75 0.69 0.45	36.52 0.62 0.69	38.35 0.62 1.21	45.81 1.11 1.63	48.30 1.32 1.83	46.91 1.42 0.30	42.76 1.32 -0.17	42.83 1.48 -0.18	36.99 1.35 0.00	34.67 1.01 0.00	30.88 0.84 0.00
BORALEX_4TH_BRANCH 23824	30.90 1.97 0.00	28.95 1.66 0.00	27.21 1.54 0.00	26.26 1.53 0.00	25.98 1.49 0.00	27.71 1.59 0.00	30.55 1.86 0.00	33.89 2.01 0.00	35.89 2.03 0.00	35.56 1.82 0.00	36.39 1.93 0.00	36.29 1.92 0.00	37.23 2.17 0.00	38.76 2.26 0.00	38.90 2.31 0.00	41.62 2.69 0.00	49.62 3.29 0.00	52.38 3.56 0.00	49.13 3.34 0.00	44.20 2.93 0.00	43.77 2.59 0.00	37.74 2.10 0.00	35.24 1.58 0.00	31.57 1.53 0.00
BOWLINE___1 23526	31.30 2.37 0.00	29.22 1.94 0.00	27.41 1.75 0.00	26.43 1.70 0.00	26.13 1.64 0.00	27.81 1.70 0.00	30.78 2.09 0.00	34.30 2.42 0.00	36.60 2.74 0.00	36.53 2.80 0.00	37.57 3.10 0.00	37.43 3.06 0.00	38.39 3.33 0.00	40.00 3.50 0.00	40.18 3.59 0.00	42.86 3.93 0.00	50.96 4.63 0.00	53.61 4.79 0.00	50.05 4.26 0.00	44.99 3.72 0.00	44.63 3.46 0.00	38.60 2.96 0.00	36.05 2.39 0.00	32.11 2.07 0.00
BOWLINE___2 23595	31.30 2.37 0.00	29.22 1.94 0.00	27.41 1.75 0.00	26.43 1.70 0.00	26.13 1.64 0.00	27.81 1.70 0.00	30.78 2.09 0.00	34.30 2.42 0.00	36.60 2.74 0.00	36.53 2.80 0.00	37.57 3.10 0.00	37.43 3.06 0.00	38.39 3.33 0.00	40.00 3.50 0.00	40.18 3.59 0.00	42.86 3.93 0.00	50.96 4.63 0.00	53.61 4.79 0.00	50.05 4.26 0.00	44.99 3.72 0.00	44.63 3.46 0.00	38.60 2.96 0.00	36.05 2.39 0.00	32.11 2.07 0.00
BRADY___115KV_TB2 356060	28.09 -0.84 0.00	26.79 -0.49 0.00	25.18 -0.49 0.00	24.28 -0.45 0.00	24.09 -0.39 0.00	25.67 -0.44 0.00	28.05 -0.63 0.00	31.21 -0.67 0.00	33.04 -0.81 0.00	32.96 -0.78 0.00	33.50 -0.97 0.00	33.34 -1.03 0.01	33.72 -1.33 5.89	29.26 -1.35 9.16	26.09 -1.35 15.91	21.58 -1.44 21.54	22.94 -1.85 21.54	21.51 -2.05 25.26	39.92 -1.88 3.99	39.62 -1.65 0.00	39.65 -1.52 0.00	34.32 -1.32 0.00	32.79 -0.88 0.00	29.29 -0.75 0.00
BRANSCOMB___SOLAR 323811	30.81 1.88 0.00	28.90 1.61 0.00	27.10 1.44 0.00	26.13 1.41 0.00	25.83 1.35 0.00	27.58 1.46 0.00	30.38 1.69 0.00	33.60 1.72 0.00	35.75 1.89 0.00	35.62 1.89 0.00	36.36 1.89 0.00	36.15 1.79 0.00	36.92 1.86 0.00	38.39 1.90 0.00	38.46 1.87 0.00	40.96 2.02 0.00	48.74 2.41 0.00	51.55 2.73 0.00	48.58 2.79 0.00	43.87 2.60 0.00	43.89 2.72 0.00	37.92 2.28 0.00	35.41 1.75 0.00	31.60 1.56 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	43.79 3.44 -11.42	43.03 2.92 -12.83	38.59 2.72 -10.21	34.53 2.65 -7.15	31.94 2.57 -4.88	35.88 2.69 -7.07	38.41 3.24 -6.48	41.28 3.67 -5.73	43.84 4.06 -5.92	44.03 4.08 -6.22	47.10 4.27 -8.36	51.09 4.30 -12.43	53.65 4.70 -13.89	65.25 4.82 -23.94	57.99 4.90 -16.49	65.63 5.33 -21.36	103.44 5.98 -51.14	90.78 6.15 -35.81	81.35 5.59 -29.97	52.84 5.03 -6.54	62.14 4.82 -16.14	63.54 4.28 -23.62	46.42 3.70 -9.06	45.42 3.27 -12.11



BRISTLHL_115KV_TB1 79998	28.55 -0.38 0.00	26.82 -0.46 0.00	25.26 -0.41 0.00	24.31 -0.42 0.00	24.07 -0.42 0.00	25.70 -0.42 0.00	28.34 -0.34 0.00	31.98 -0.35 -0.45	34.57 -0.44 -1.15	33.33 -0.40 0.00	34.05 -0.41 0.00	34.02 -0.34 0.00	34.82 -0.25 0.00	36.21 -0.29 0.00	36.19 -0.40 0.00	38.47 -0.47 0.00	45.78 -0.56 0.00	48.95 -0.49 -0.61	45.38 -0.41 0.00	42.34 -0.29 -1.36	42.46 -0.08 -1.37	35.57 -0.07 0.00	33.46 -0.20 0.00	29.80 -0.24 0.00
BROOKHAVEN___DRP 24191	43.62 3.27 -11.42	42.84 2.73 -12.83	38.39 2.52 -10.21	34.33 2.45 -7.15	31.74 2.38 -4.88	35.67 2.48 -7.07	38.15 2.98 -6.48	41.03 3.41 -5.73	43.60 3.83 -5.92	43.83 3.88 -6.22	46.96 4.14 -8.36	50.76 4.23 -12.16	53.48 4.56 -13.86	65.25 4.82 -23.94	64.00 4.90 -22.50	65.59 5.30 -21.36	103.78 6.30 -51.14	133.41 6.54 -78.05	130.46 5.91 -78.77	60.16 5.24 -13.65	54.28 4.90 -8.20	53.59 4.17 -13.78	46.25 3.53 -9.06	45.21 3.06 -12.11
BROOKLYN_NAVY_YARD 23515	31.82 2.89 0.00	29.63 2.35 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.49 2.01 0.00	28.15 2.04 0.00	31.24 2.55 0.00	34.85 2.97 0.00	37.24 3.39 0.00	37.21 3.48 0.00	38.84 3.86 -0.52	44.19 3.81 -6.01	45.97 4.14 -6.78	45.95 4.30 -5.15	46.78 4.35 -5.83	47.66 4.79 -3.94	51.84 5.51 0.00	54.29 5.47 0.00	50.74 4.95 0.00	45.64 4.37 0.00	45.25 4.08 0.00	39.17 3.53 0.00	36.66 2.99 0.00	32.65 2.61 0.00
BROOKLYN___ARMY_DRP 323595	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
BROOKVLE_69_KV_TB1 55790	43.76 3.41 -11.42	42.95 2.84 -12.83	38.49 2.62 -10.21	34.40 2.52 -7.15	31.82 2.45 -4.88	35.75 2.56 -7.07	38.24 3.07 -6.48	41.15 3.54 -5.73	43.77 4.00 -5.92	44.00 4.05 -6.22	47.10 4.27 -8.36	50.86 4.43 -12.05	53.69 4.77 -13.86	65.36 4.93 -23.94	56.49 5.01 -14.88	65.75 5.45 -21.36	103.91 6.44 -51.13	79.88 6.59 -24.47	68.62 5.95 -16.88	51.10 5.20 -4.63	51.01 5.06 -4.77	49.52 4.35 -9.53	46.35 3.64 -9.06	45.33 3.18 -12.11
BROOME_2_LFGE 323671	29.19 0.26 0.00	27.37 0.08 0.00	25.72 0.05 0.00	24.68 -0.05 0.00	24.46 -0.02 0.00	26.17 0.05 0.00	29.00 0.32 0.00	32.33 0.35 -0.09	34.40 0.30 -0.24	34.21 0.47 0.00	35.15 0.69 0.00	34.99 0.62 0.00	35.73 0.66 0.00	37.19 0.69 0.00	37.11 0.51 0.00	39.44 0.50 0.00	46.98 0.65 0.00	49.83 0.88 -0.13	46.62 0.83 0.00	42.38 0.83 -0.28	42.53 1.07 -0.28	36.60 0.96 0.00	34.40 0.74 0.00	30.73 0.69 0.00
BROOME___LFGE 323600	29.19 0.26 0.00	27.37 0.08 0.00	25.72 0.05 0.00	24.68 -0.05 0.00	24.46 -0.02 0.00	26.17 0.05 0.00	29.00 0.32 0.00	32.33 0.35 -0.09	34.40 0.30 -0.24	34.21 0.47 0.00	35.15 0.69 0.00	34.99 0.62 0.00	35.73 0.66 0.00	37.19 0.69 0.00	37.11 0.51 0.00	39.44 0.50 0.00	46.98 0.65 0.00	49.83 0.88 -0.13	46.62 0.83 0.00	42.38 0.83 -0.28	42.53 1.07 -0.28	36.60 0.96 0.00	34.40 0.74 0.00	30.73 0.69 0.00
BROWNFLS_115KV_TB_3_5 80003	28.26 -0.67 0.00	26.77 -0.52 0.00	25.15 -0.51 0.00	24.26 -0.47 0.00	24.07 -0.42 0.00	25.80 -0.31 0.00	28.37 -0.32 0.00	31.68 -0.29 -0.08	33.69 -0.37 -0.21	33.36 -0.37 0.00	33.88 -0.59 0.00	33.75 -0.62 0.00	34.18 -0.88 0.00	32.13 -0.95 3.42	30.19 -1.10 5.31	28.49 -1.21 9.23	32.58 -1.25 12.50	33.01 -1.27 14.54	42.47 -1.01 2.32	40.69 -0.83 -0.25	40.81 -0.62 -0.25	35.18 -0.46 0.00	33.36 -0.30 0.00	29.77 -0.27 0.00
BROWNSV1_27_KV_LOAD 356125	32.11 3.18 0.00	29.88 2.59 0.00	28.08 2.41 0.00	27.03 2.30 0.00	26.71 2.23 0.00	28.41 2.30 0.00	31.50 2.81 0.00	35.20 3.32 0.00	37.61 3.76 0.00	37.55 3.81 0.00	38.98 4.00 -0.52	44.46 4.09 -6.01	46.29 4.45 -6.78	46.31 4.67 -5.15	47.15 4.72 -5.83	48.06 5.18 -3.94	52.35 6.02 0.00	54.87 6.05 0.00	51.28 5.49 0.00	46.14 4.87 0.00	45.70 4.53 0.00	39.56 3.92 0.00	37.06 3.40 0.00	33.01 2.97 0.00
BURROWS___LYONSDAL 23803	29.28 0.35 0.00	27.50 0.22 0.00	25.87 0.21 0.00	24.95 0.22 0.00	24.71 0.22 0.00	26.56 0.44 0.00	29.34 0.66 0.00	32.72 0.77 -0.07	34.81 0.78 -0.18	34.48 0.74 0.00	35.05 0.59 0.00	34.99 0.62 0.00	35.55 0.49 0.00	36.23 0.44 0.71	35.86 0.37 1.10	37.37 0.35 1.92	44.61 0.88 2.60	46.94 1.07 2.95	46.54 1.24 0.48	42.64 1.16 -0.21	42.75 1.36 -0.21	36.89 1.25 0.00	34.57 0.91 0.00	30.79 0.75 0.00
CAITHNESS_CC_1 323624	43.62 3.27 -11.42	42.84 2.73 -12.83	38.39 2.52 -10.21	34.33 2.45 -7.15	31.74 2.37 -4.88	35.67 2.48 -7.07	38.15 2.98 -6.48	41.06 3.44 -5.73	43.60 3.82 -5.92	43.86 3.91 -6.22	47.14 4.31 -8.36	50.76 4.23 -12.16	53.45 4.52 -13.86	65.22 4.78 -23.94	63.92 4.87 -22.45	65.51 5.22 -21.36	103.69 6.21 -51.14	132.95 6.39 -77.74	129.96 5.77 -78.40	59.98 5.12 -13.59	54.19 4.82 -8.20	53.55 4.13 -13.78	46.22 3.50 -9.06	45.18 3.03 -12.11
CALPINE BETH_PAGE_GT4 24209	43.53 3.18 -11.42	42.73 2.62 -12.83	38.31 2.44 -10.21	34.25 2.37 -7.15	31.67 2.30 -4.88	35.59 2.40 -7.07	38.04 2.87 -6.48	40.93 3.32 -5.73	43.47 3.69 -5.92	43.70 3.74 -6.22	46.62 3.79 -8.36	50.36 3.92 -12.08	53.20 4.28 -13.86	64.92 4.49 -23.94	56.16 4.57 -14.99	65.28 4.98 -21.36	103.35 5.88 -51.13	80.09 6.00 -25.26	69.03 5.45 -17.79	50.78 4.75 -4.76	51.12 4.49 -5.46	49.88 3.85 -10.39	46.08 3.37 -9.06	45.12 2.97 -12.11
CALPINE_BETH_PAGE_GT_4 323586	43.53 3.18 -11.42	42.76 2.65 -12.83	38.31 2.44 -10.21	34.25 2.37 -7.15	31.67 2.30 -4.88	35.59 2.40 -7.07	38.04 2.87 -6.48	40.93 3.32 -5.73	43.47 3.69 -5.92	43.73 3.78 -6.22	46.82 4.00 -8.36	50.39 3.95 -12.08	53.20 4.28 -13.86	64.92 4.49 -23.94	56.16 4.57 -14.99	65.28 4.98 -21.36	103.35 5.88 -51.13	80.08 6.00 -25.26	69.03 5.45 -17.79	50.78 4.74 -4.76	51.12 4.49 -5.46	49.91 3.89 -10.39	46.08 3.37 -9.06	45.09 2.95 -12.11
CALPINE_BP_GT1 23823	43.53 3.18 -11.42	42.76 2.65 -12.83	38.31 2.44 -10.21	34.25 2.37 -7.15	31.67 2.30 -4.88	35.59 2.40 -7.07	38.04 2.87 -6.48	40.93 3.32 -5.73	43.47 3.69 -5.92	43.73 3.78 -6.22	46.82 4.00 -8.36	50.39 3.95 -12.08	53.20 4.28 -13.86	64.92 4.49 -23.94	56.16 4.57 -14.99	65.28 4.98 -21.36	103.35 5.88 -51.13	80.08 6.00 -25.26	69.03 5.45 -17.79	50.78 4.74 -4.76	51.12 4.49 -5.46	49.91 3.89 -10.39	46.08 3.37 -9.06	45.09 2.95 -12.11
CALSPAN___DRP 24200	28.03 -0.90 0.00	26.03 -1.26 0.00	24.51 -1.16 0.00	23.34 -1.38 0.00	23.19 -1.30 0.00	24.99 -1.12 0.00	27.97 -0.72 0.00	30.86 -1.02 0.00	32.54 -1.32 -0.42	32.32 -1.42 0.00	33.33 -1.14 0.00	33.65 -0.72 0.00	34.68 -0.39 0.00	36.02 -0.47 0.00	35.46 -1.13 0.00	37.22 -1.71 0.00	44.29 -2.04 0.00	47.16 -1.66 0.00	44.19 -1.60 0.00	40.36 -0.91 0.00	41.55 0.37 0.00	36.14 0.50 0.00	34.13 0.47 0.00	30.70 0.66 0.00

CALVERTON___SOLAR 323806	43.67 3.33 -11.42	42.90 2.78 -12.83	38.42 2.54 -10.21	34.33 2.45 -7.15	31.77 2.40 -4.88	35.67 2.48 -7.07	38.15 2.98 -6.48	41.06 3.44 -5.73	43.67 3.89 -5.92	43.93 3.98 -6.22	47.24 4.41 -8.36	50.93 4.40 -12.16	53.59 4.66 -13.86	65.40 4.96 -23.94	64.17 5.05 -22.52	65.75 5.45 -21.36	103.96 6.49 -51.14	133.74 6.74 -78.18	130.80 6.09 -78.92	60.30 5.36 -13.67	54.44 5.06 -8.20	53.73 4.31 -13.78	46.35 3.64 -9.06	45.24 3.09 -12.11
CANDIGU_WT_PWR 323617	28.29 -0.64 0.00	26.44 -0.85 0.00	24.85 -0.82 0.00	23.74 -0.99 0.00	23.53 -0.96 0.00	25.33 -0.78 0.00	28.26 -0.43 0.00	31.29 -0.64 -0.05	33.08 -0.91 -0.13	33.13 -0.61 0.00	34.29 -0.17 0.00	34.06 -0.31 0.00	34.74 -0.32 0.00	36.13 -0.36 0.00	35.79 -0.81 0.00	37.84 -1.09 0.00	45.08 -1.25 0.00	48.16 -0.73 -0.07	45.19 -0.60 0.00	41.34 -0.08 -0.16	42.03 0.70 -0.16	36.35 0.71 0.00	34.20 0.54 0.00	30.70 0.66 0.00
CARR STREET_E_SYR 24060	28.70 -0.23 0.00	26.93 -0.36 0.00	25.36 -0.31 0.00	24.38 -0.35 0.00	24.14 -0.34 0.00	25.80 -0.31 0.00	28.49 -0.20 0.00	31.83 -0.19 -0.14	33.97 -0.24 -0.35	33.63 -0.10 0.00	34.50 0.03 0.00	34.33 -0.03 0.00	35.06 0.00 0.00	36.50 0.00 0.00	36.45 -0.15 0.00	38.74 -0.19 0.00	45.96 -0.37 0.00	48.66 -0.34 -0.18	45.52 -0.27 0.00	41.51 -0.16 -0.41	41.59 0.00 -0.41	35.75 0.11 0.00	33.66 0.00 0.00	29.98 -0.06 0.00
CARTHAGE___PAPER 23857	28.87 -0.06 0.00	27.18 -0.11 0.00	25.54 -0.13 0.00	24.65 -0.07 0.00	24.41 -0.07 0.00	26.30 0.18 0.00	29.06 0.37 0.00	32.50 0.45 -0.17	34.67 0.37 -0.44	34.07 0.34 0.00	34.57 0.10 0.00	34.51 0.14 0.00	34.95 -0.10 0.00	34.87 -0.18 1.45	34.01 -0.33 2.26	34.62 -0.39 3.92	40.93 -0.09 5.31	42.98 0.15 5.99	45.26 0.46 0.98	42.41 0.62 -0.52	42.60 0.90 -0.52	36.49 0.85 0.00	34.23 0.57 0.00	30.46 0.42 0.00
CASSADAGA_WT_PWR 323784	28.00 -0.93 0.00	26.03 -1.25 0.00	24.44 -1.23 0.00	23.22 -1.51 0.00	23.09 -1.39 0.00	24.94 -1.17 0.00	28.00 -0.69 0.00	31.09 -0.80 0.00	32.77 -1.08 0.00	33.16 -0.57 0.00	34.67 0.21 0.00	34.30 -0.07 0.00	34.99 -0.07 0.00	36.46 -0.04 0.00	35.94 -0.66 0.00	37.88 -1.05 0.00	45.18 -1.16 0.00	48.33 -0.49 0.00	45.38 -0.41 0.00	41.52 0.25 0.00	42.49 1.32 0.00	37.03 1.39 0.00	34.91 1.25 0.00	31.45 1.41 0.00
CE_DUNWOOD___DRP 24194	31.53 2.60 0.00	29.39 2.10 0.00	27.62 1.95 0.00	26.60 1.88 0.00	26.32 1.84 0.00	27.99 1.88 0.00	31.01 2.32 0.00	34.56 2.68 0.00	36.90 3.05 0.00	36.81 3.07 0.00	37.67 3.21 0.00	37.67 3.30 0.00	38.71 3.65 0.00	40.29 3.80 0.00	40.48 3.88 0.00	43.18 4.24 0.00	51.34 5.00 0.00	53.90 5.08 0.00	50.37 4.58 0.00	45.31 4.04 0.00	44.88 3.71 0.00	38.85 3.21 0.00	36.32 2.66 0.00	32.38 2.34 0.00
CE_MILLWOOD___DRP 24193	31.45 2.52 0.00	29.33 2.05 0.00	27.54 1.87 0.00	26.56 1.83 0.00	26.25 1.76 0.00	27.94 1.83 0.00	30.92 2.24 0.00	34.46 2.58 0.00	36.77 2.91 0.00	36.67 2.94 0.00	37.53 3.07 0.00	37.53 3.16 0.00	38.57 3.51 0.00	40.18 3.69 0.00	40.33 3.73 0.00	43.06 4.13 0.00	51.20 4.86 0.00	53.80 4.98 0.00	50.23 4.44 0.00	45.19 3.92 0.00	44.80 3.62 0.00	38.74 3.10 0.00	36.22 2.56 0.00	32.29 2.25 0.00
CE_NYC2_DRP 24202	31.95 3.01 -0.01	29.71 2.43 0.00	27.93 2.26 -0.01	26.91 2.18 -0.01	26.60 2.11 -0.01	28.18 2.06 0.00	31.27 2.58 0.00	34.94 3.06 0.00	37.34 3.49 0.00	39.91 3.54 -2.63	43.95 3.69 -5.80	44.34 3.78 -6.19	46.19 4.14 -6.99	46.15 4.34 -5.30	46.92 4.32 -6.01	47.71 4.71 -4.07	51.85 5.51 0.00	54.29 5.47 0.00	50.69 4.90 0.00	45.81 4.54 0.00	45.33 4.16 0.00	39.28 3.64 0.00	36.80 3.13 -0.01	32.77 2.73 0.00
CE_NYC_DRP 24195	31.85 2.92 0.00	29.63 2.35 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.52 2.03 0.00	28.18 2.06 0.00	31.24 2.55 0.00	34.91 3.03 0.00	37.28 3.42 0.00	37.21 3.47 0.00	38.63 3.65 -0.51	44.08 3.75 -5.97	45.90 4.10 -6.73	45.92 4.31 -5.11	46.74 4.35 -5.79	47.64 4.79 -3.92	51.89 5.56 0.00	54.34 5.52 0.00	50.78 4.99 0.00	45.69 4.42 0.00	45.25 4.08 0.00	39.17 3.53 0.00	36.69 3.03 0.00	32.68 2.64 0.00
CHAFFEE___LFGE 323603	28.09 -0.84 0.00	26.17 -1.12 0.00	24.59 -1.08 0.00	23.39 -1.34 0.00	23.24 -1.25 0.00	25.07 -1.05 0.00	28.05 -0.63 0.00	31.02 -0.86 0.00	32.67 -1.19 0.00	33.03 -0.71 0.00	34.43 -0.03 0.00	34.13 -0.24 0.00	34.82 -0.24 0.00	36.24 -0.25 0.00	35.64 -0.95 0.00	37.41 -1.52 0.00	44.52 -1.81 0.00	47.40 -1.42 0.00	44.46 -1.33 0.00	40.57 -0.70 0.00	41.59 0.41 0.00	36.21 0.57 0.00	34.23 0.57 0.00	30.88 0.84 0.00
CHATEAUG_35_KV_LOAD 355732	27.71 -1.22 0.00	26.44 -0.85 0.00	24.85 -0.82 0.00	23.96 -0.77 0.00	23.87 -0.61 0.00	25.41 -0.71 0.00	27.91 -0.77 0.00	31.12 -0.77 0.00	33.01 -0.85 0.00	33.06 -0.67 0.00	33.71 -0.76 0.00	33.51 -0.86 0.00	34.00 -1.05 0.01	29.00 -1.20 6.29	25.64 -1.17 9.78	20.60 -1.32 17.01	21.87 -1.44 23.02	20.26 -1.56 26.99	40.15 -1.37 4.27	40.03 -1.24 0.00	39.94 -1.24 0.00	34.46 -1.18 0.00	32.95 -0.71 0.00	29.47 -0.57 0.00
CHATEAUG_WT_PWR 323614	27.72 -1.21 0.00	26.41 -0.87 0.00	24.82 -0.85 0.00	23.93 -0.79 0.00	23.90 -0.59 0.00	25.46 -0.65 0.00	28.17 -0.52 0.00	31.43 -0.45 0.00	33.28 -0.58 0.00	33.43 -0.30 0.00	33.81 -0.66 0.00	33.82 -0.55 0.00	34.56 -0.49 0.01	29.38 -0.73 6.39	26.04 -0.62 9.93	20.86 -0.82 17.26	22.27 -0.69 23.36	20.45 -0.98 27.39	40.64 -0.82 4.33	40.57 -0.70 0.00	40.51 -0.66 0.00	34.93 -0.71 0.00	33.39 -0.27 0.00	29.92 -0.12 0.00
CHAT_HIGH_FALL_HYD 323578	27.71 -1.22 0.00	26.44 -0.85 0.00	24.85 -0.82 0.00	23.96 -0.77 0.00	23.87 -0.61 0.00	25.41 -0.71 0.00	27.91 -0.77 0.00	31.12 -0.77 0.00	33.01 -0.85 0.00	33.06 -0.67 0.00	33.71 -0.76 0.00	33.51 -0.86 0.00	34.00 -1.05 0.01	29.00 -1.20 6.29	25.64 -1.17 9.78	20.60 -1.32 17.01	21.87 -1.44 23.02	20.26 -1.56 26.99	40.15 -1.37 4.27	40.03 -1.24 0.00	39.94 -1.24 0.00	34.46 -1.18 0.00	32.95 -0.71 0.00	29.47 -0.57 0.00
CHAUTAUQUA___LFGE 323629	28.15 -0.78 0.00	26.22 -1.06 0.00	24.64 -1.03 0.00	23.41 -1.31 0.00	23.29 -1.20 0.00	25.12 -0.99 0.00	28.14 -0.55 0.00	31.18 -0.70 0.00	32.87 -0.98 0.00	33.23 -0.51 0.00	34.67 0.21 0.00	34.33 -0.03 0.00	35.06 0.00 0.00	36.50 0.00 0.00	35.94 -0.66 0.00	37.84 -1.09 0.00	45.08 -1.25 0.00	48.09 -0.73 0.00	45.10 -0.69 0.00	41.19 -0.08 0.00	42.16 0.99 0.00	36.71 1.07 0.00	34.64 0.98 0.00	31.21 1.17 0.00
CHERRYST_13_KV_LD 356241	31.94 3.01 0.00	29.74 2.46 0.00	27.93 2.26 0.00	26.90 2.18 0.00	26.59 2.11 0.00	28.28 2.17 0.00	31.38 2.70 0.00	35.07 3.19 0.00	37.45 3.59 0.00	37.41 3.68 0.00	38.80 3.83 -0.51	44.29 3.95 -5.97	46.11 4.31 -6.73	46.10 4.49 -5.11	46.96 4.57 -5.79	47.84 4.98 -3.92	52.12 5.79 0.00	54.58 5.76 0.00	50.96 5.17 0.00	45.85 4.58 0.00	45.42 4.24 0.00	39.31 3.67 0.00	36.82 3.16 0.00	32.80 2.76 0.00

CHESTROR_138KV_BK263 355645	31.01 2.08 0.00	28.92 1.64 0.00	27.18 1.51 0.00	26.21 1.48 0.00	25.91 1.42 0.00	27.60 1.49 0.00	30.52 1.84 0.00	33.95 2.07 0.00	36.19 2.34 0.00	36.10 2.36 0.00	36.91 2.45 0.00	36.88 2.51 0.00	37.90 2.84 0.00	39.45 2.96 0.00	39.63 3.04 0.00	42.28 3.35 0.00	50.32 3.98 0.00	52.92 4.10 0.00	49.50 3.71 0.00	44.53 3.26 0.00	44.18 3.01 0.00	38.21 2.57 0.00	35.71 2.05 0.00	31.84 1.80 0.00
CH_MIDHUDSON___DRP 24192	31.30 2.37 0.00	29.20 1.91 0.00	27.46 1.80 0.00	26.48 1.76 0.00	26.18 1.69 0.00	27.86 1.75 0.00	30.78 2.09 0.00	34.24 2.36 0.00	36.50 2.64 0.00	36.40 2.67 0.00	37.22 2.76 0.00	37.22 2.85 0.00	38.22 3.16 0.00	39.82 3.32 0.00	40.00 3.40 0.00	42.71 3.78 0.00	50.78 4.45 0.00	53.46 4.64 0.00	49.96 4.17 0.00	44.94 3.67 0.00	44.55 3.38 0.00	38.53 2.89 0.00	35.98 2.32 0.00	32.08 2.04 0.00
CH_MISC_IPPS 23765	31.53 2.60 0.00	29.42 2.13 0.00	27.62 1.95 0.00	26.63 1.90 0.00	26.32 1.84 0.00	28.02 1.91 0.00	30.98 2.30 0.00	34.43 2.55 0.00	36.73 2.88 0.00	36.67 2.93 0.00	37.67 3.21 0.00	37.49 3.13 0.00	38.50 3.44 0.00	40.15 3.65 0.00	40.29 3.69 0.00	43.02 4.09 0.00	51.20 4.86 0.00	53.90 5.08 0.00	50.37 4.58 0.00	45.27 4.00 0.00	44.96 3.79 0.00	38.88 3.24 0.00	36.29 2.63 0.00	32.29 2.25 0.00
CH_RES_BVR_FALLS 23983	28.24 -0.69 0.00	26.74 -0.55 0.00	25.15 -0.51 0.00	24.26 -0.47 0.00	24.02 -0.47 0.00	25.30 -0.81 0.00	27.71 -0.98 0.00	30.83 -1.05 0.00	32.77 -1.08 0.00	32.62 -1.11 0.00	33.19 -1.27 0.00	33.16 -1.20 0.00	33.75 -1.30 0.01	25.11 -1.35 10.03	19.64 -1.35 15.60	10.37 -1.44 27.12	7.95 -1.67 36.71	4.02 -1.76 43.04	37.38 -1.60 6.81	39.87 -1.40 0.00	39.82 -1.36 0.00	34.47 -1.18 0.00	32.79 -0.88 0.00	29.26 -0.78 0.00
CH_RES_NIAGARA 23895	26.96 -1.97 0.00	25.05 -2.24 0.00	23.61 -2.05 0.00	22.50 -2.23 0.00	22.36 -2.13 0.00	24.08 -2.04 0.00	26.91 -1.78 0.00	29.59 -2.30 0.00	31.18 -2.67 0.00	30.97 -2.77 0.00	31.91 -2.55 0.00	32.31 -2.06 0.00	33.31 -1.75 0.00	34.53 -1.97 0.00	33.85 -2.74 0.00	35.47 -3.47 0.00	42.16 -4.17 0.00	44.82 -4.00 0.00	42.04 -3.75 0.00	38.46 -2.81 0.00	39.82 -1.36 0.00	34.68 -0.96 0.00	32.82 -0.84 0.00	29.56 -0.48 0.00
CH_RES_SYRACUSE 23985	28.87 -0.06 0.00	27.12 -0.16 0.00	25.51 -0.15 0.00	24.50 -0.22 0.00	24.29 -0.20 0.00	25.93 -0.18 0.00	28.63 -0.06 0.00	32.13 0.00 -0.25	34.43 -0.07 -0.64	33.84 0.10 0.00	34.67 0.21 0.00	34.51 0.14 0.00	35.24 0.18 0.00	36.64 0.15 0.00	36.63 0.04 0.00	38.93 0.00 0.00	46.29 -0.05 0.00	49.21 0.05 -0.34	45.88 0.09 0.00	42.15 0.12 -0.75	42.26 0.33 -0.76	35.96 0.32 0.00	33.83 0.17 0.00	30.13 0.09 0.00
CLINTON_WT_PWR 323605	27.72 -1.21 0.00	26.41 -0.87 0.00	24.82 -0.85 0.00	23.93 -0.79 0.00	23.90 -0.59 0.00	25.46 -0.65 0.00	28.17 -0.52 0.00	31.43 -0.45 0.00	33.28 -0.58 0.00	33.43 -0.30 0.00	33.81 -0.66 0.00	33.82 -0.55 0.00	34.56 -0.49 0.01	29.38 -0.73 6.39	26.04 -0.62 9.93	20.86 -0.82 17.26	22.27 -0.69 23.36	20.45 -0.98 27.39	40.64 -0.82 4.33	40.57 -0.70 0.00	40.51 -0.66 0.00	34.93 -0.71 0.00	33.39 -0.27 0.00	29.92 -0.12 0.00
CLINTON___LFGE 323618	27.98 -0.95 0.00	26.66 -0.63 0.00	25.05 -0.62 0.00	24.16 -0.57 0.00	24.09 -0.39 0.00	25.67 -0.44 0.00	28.40 -0.29 0.00	31.66 -0.22 0.00	33.55 -0.31 0.00	33.57 -0.17 0.00	33.98 -0.48 0.00	33.99 -0.38 0.00	34.70 -0.35 0.01	29.58 -0.55 6.37	26.21 -0.48 9.91	21.09 -0.62 17.22	22.56 -0.46 23.31	20.85 -0.64 27.33	40.97 -0.50 4.32	40.86 -0.41 0.00	40.76 -0.41 0.00	35.14 -0.50 0.00	33.49 -0.17 0.00	29.98 -0.06 0.00
COBBLENY_34_KV_TB1 80064	28.12 -0.81 0.00	26.09 -1.20 0.00	24.56 -1.10 0.00	23.39 -1.34 0.00	23.24 -1.25 0.00	25.07 -1.04 0.00	28.05 -0.63 0.00	30.99 -0.89 0.00	32.67 -1.18 0.00	32.45 -1.28 0.00	33.47 -1.00 0.00	33.78 -0.58 0.00	34.82 -0.25 0.00	36.17 -0.33 0.00	35.64 -0.95 0.00	37.42 -1.52 0.00	44.52 -1.81 0.00	47.40 -1.42 0.00	44.42 -1.37 0.00	40.57 -0.70 0.00	41.71 0.54 0.00	36.28 0.64 0.00	34.23 0.57 0.00	30.79 0.75 0.00
COFFEEN___115KV_TB3 355620	29.31 0.38 0.00	27.50 0.22 0.00	25.87 0.21 0.00	24.95 0.22 0.00	24.71 0.22 0.00	26.61 0.50 0.00	29.46 0.77 0.00	33.02 0.92 -0.21	35.21 0.81 -0.54	34.44 0.71 0.00	34.95 0.48 0.00	34.92 0.55 0.00	35.48 0.42 0.00	35.63 0.33 1.20	34.88 0.15 1.86	35.78 0.08 3.24	42.23 0.28 4.38	44.56 0.59 4.85	45.99 1.01 0.81	43.06 1.16 -0.64	43.38 1.56 -0.64	37.07 1.43 0.00	34.67 1.01 0.00	30.79 0.75 0.00
COLDSPRG_115KV_BK1 355956	28.52 -0.41 0.00	26.41 -0.87 0.00	24.87 -0.80 0.00	23.66 -1.06 0.00	23.51 -0.98 0.00	25.43 -0.68 0.00	28.57 -0.11 0.00	31.75 -0.13 0.00	33.48 -0.37 0.00	33.30 -0.44 0.00	34.33 -0.14 0.00	34.57 0.21 0.00	35.59 0.53 0.00	37.05 0.55 0.00	36.56 -0.04 0.00	38.54 -0.39 0.00	45.87 -0.46 0.00	49.01 0.20 0.00	45.88 0.09 0.00	41.89 0.62 0.00	42.86 1.69 0.00	37.28 1.64 0.00	35.04 1.38 0.00	31.51 1.47 0.00
COLONIE_LFGE___ 323577	30.49 1.56 0.00	28.62 1.34 0.00	26.87 1.21 0.00	25.94 1.21 0.00	25.64 1.15 0.00	27.34 1.23 0.00	30.12 1.43 0.00	33.38 1.50 0.00	35.45 1.59 0.00	35.26 1.52 0.00	36.09 1.62 0.00	35.92 1.55 0.00	36.74 1.68 0.00	38.25 1.75 0.00	38.39 1.79 0.00	40.96 2.02 0.00	48.74 2.41 0.00	51.45 2.63 0.00	48.31 2.52 0.00	43.50 2.23 0.00	43.27 2.10 0.00	37.39 1.75 0.00	34.97 1.31 0.00	31.27 1.23 0.00
COOPERNY_115KV_TB1 80082	30.43 1.50 0.00	28.46 1.17 0.00	26.75 1.08 0.00	25.76 1.04 0.00	25.49 1.00 0.00	27.18 1.07 0.00	30.00 1.32 0.00	33.41 1.53 0.00	35.55 1.69 0.00	35.46 1.72 0.00	36.26 1.79 0.00	36.22 1.86 0.00	37.16 2.10 0.00	38.65 2.15 0.00	38.79 2.20 0.00	41.39 2.45 0.00	49.20 2.87 0.00	51.80 2.98 0.00	48.49 2.70 0.00	43.62 2.35 0.00	43.40 2.22 0.00	37.57 1.92 0.00	35.18 1.51 0.00	31.39 1.35 0.00
COPENHAGEN_WT_PWR 323753	29.02 0.09 0.00	27.26 -0.03 0.00	25.64 -0.03 0.00	24.73 0.00 0.00	24.49 0.00 0.00	26.35 0.23 0.00	29.12 0.43 0.00	32.64 0.54 -0.22	34.89 0.47 -0.56	34.17 0.44 0.00	34.77 0.31 0.00	34.68 0.31 0.00	35.24 0.18 0.00	35.44 0.07 1.13	34.77 -0.07 1.76	35.73 -0.16 3.05	42.15 -0.05 4.13	44.47 0.20 4.55	45.58 0.55 0.77	42.64 0.70 -0.67	42.83 0.99 -0.67	36.60 0.96 0.00	34.30 0.64 0.00	30.49 0.45 0.00
CORNELL_____ 23752	29.57 0.64 0.00	27.67 0.38 0.00	26.03 0.36 0.00	25.00 0.27 0.00	24.78 0.29 0.00	26.53 0.42 0.00	29.40 0.72 0.00	32.87 0.86 -0.13	34.93 0.74 -0.33	34.44 0.71 0.00	35.12 0.65 0.00	35.12 0.76 0.00	35.97 0.91 0.00	37.37 0.88 0.00	37.33 0.73 0.00	39.71 0.78 0.00	47.30 0.97 0.00	50.31 1.32 -0.18	47.21 1.42 0.00	43.06 1.40 -0.39	43.26 1.69 -0.40	37.14 1.50 0.00	34.84 1.18 0.00	31.03 0.99 0.00

CORONA__69_KV_TB1 355595	43.65 3.30 -11.42	42.84 2.73 -12.83	38.42 2.54 -10.21	34.33 2.45 -7.15	31.74 2.38 -4.88	35.67 2.48 -7.07	38.12 2.95 -6.48	41.03 3.41 -5.73	43.57 3.79 -5.92	43.76 3.81 -6.22	46.86 4.03 -8.36	50.58 4.16 -12.05	53.48 4.56 -13.86	65.22 4.78 -23.94	56.23 4.76 -14.88	65.47 5.18 -21.36	103.58 6.12 -51.13	79.59 6.30 -24.47	68.39 5.72 -16.88	51.06 5.16 -4.63	50.77 4.82 -4.77	49.31 4.13 -9.53	46.22 3.50 -9.06	45.21 3.06 -12.11
CORTLAND__115KV_TB3 80093	29.42 0.49 0.00	27.56 0.27 0.00	25.92 0.26 0.00	24.92 0.20 0.00	24.71 0.22 0.00	26.43 0.31 0.00	29.26 0.57 0.00	32.68 0.67 -0.13	34.79 0.61 -0.33	34.34 0.61 0.00	35.05 0.59 0.00	35.06 0.69 0.00	35.87 0.81 0.00	37.30 0.80 0.00	37.29 0.70 0.00	39.63 0.70 0.00	47.21 0.88 0.00	50.12 1.12 -0.18	46.93 1.14 0.00	42.81 1.16 -0.39	42.97 1.40 -0.39	36.85 1.21 0.00	34.60 0.94 0.00	30.85 0.81 0.00
COXSACKIE__GT 23611	31.30 2.37 0.00	29.30 2.02 0.00	27.62 1.95 0.00	26.58 1.86 0.00	26.25 1.76 0.00	28.02 1.91 0.00	30.86 2.18 0.00	33.76 1.88 0.00	35.85 2.00 0.00	35.52 1.79 0.00	36.15 1.69 0.00	35.71 1.34 0.00	36.71 1.65 0.00	38.29 1.79 0.00	38.50 1.90 0.00	41.00 2.06 0.00	48.97 2.64 0.00	52.09 3.27 0.00	49.23 3.44 0.00	44.24 2.97 0.00	44.26 3.09 0.00	38.42 2.78 0.00	35.71 2.05 0.00	31.87 1.83 0.00
CPV_VALLEY__CC1 323721	30.72 1.79 0.00	28.73 1.45 0.00	26.98 1.31 0.00	25.99 1.26 0.00	25.71 1.22 0.00	27.37 1.25 0.00	30.26 1.58 0.00	33.70 1.82 0.00	35.89 2.03 0.00	35.79 2.06 0.00	36.77 2.31 0.00	36.64 2.27 0.00	37.55 2.49 0.00	39.13 2.63 0.00	39.27 2.67 0.00	41.89 2.96 0.00	49.81 3.48 0.00	52.43 3.61 0.00	48.99 3.20 0.00	44.08 2.81 0.00	43.77 2.60 0.00	37.85 2.21 0.00	35.41 1.75 0.00	31.60 1.56 0.00
CPV_VALLEY__CC2 323722	30.72 1.79 0.00	28.73 1.45 0.00	26.98 1.31 0.00	25.99 1.26 0.00	25.71 1.22 0.00	27.37 1.25 0.00	30.26 1.58 0.00	33.70 1.82 0.00	35.89 2.03 0.00	35.79 2.06 0.00	36.77 2.31 0.00	36.64 2.27 0.00	37.55 2.49 0.00	39.13 2.63 0.00	39.27 2.67 0.00	41.89 2.96 0.00	49.81 3.48 0.00	52.43 3.61 0.00	48.99 3.20 0.00	44.08 2.81 0.00	43.77 2.60 0.00	37.85 2.21 0.00	35.41 1.75 0.00	31.60 1.56 0.00
CRESCENT__HYD 24018	30.49 1.56 0.00	28.62 1.34 0.00	26.87 1.21 0.00	25.94 1.21 0.00	25.64 1.15 0.00	27.34 1.23 0.00	30.12 1.43 0.00	33.38 1.50 0.00	35.45 1.59 0.00	35.26 1.52 0.00	36.09 1.62 0.00	35.92 1.55 0.00	36.74 1.68 0.00	38.25 1.75 0.00	38.39 1.79 0.00	40.96 2.02 0.00	48.74 2.41 0.00	51.45 2.63 0.00	48.31 2.52 0.00	43.50 2.23 0.00	43.27 2.10 0.00	37.39 1.75 0.00	34.97 1.31 0.00	31.27 1.23 0.00
CRICKET__VALLEY_CC1 323756	30.90 1.97 0.00	28.90 1.61 0.00	27.16 1.49 0.00	26.26 1.53 0.00	25.96 1.47 0.00	27.65 1.54 0.00	30.43 1.75 0.00	33.86 1.98 0.00	36.02 2.17 0.00	35.90 2.16 0.00	36.88 2.41 0.00	36.71 2.34 0.00	37.66 2.59 0.00	39.24 2.74 0.00	39.38 2.78 0.00	42.09 3.15 0.00	50.04 3.71 0.00	52.63 3.81 0.00	49.23 3.44 0.00	44.28 3.01 0.00	43.89 2.72 0.00	37.92 2.28 0.00	35.44 1.78 0.00	31.63 1.59 0.00
CRICKET__VALLEY_CC2 323757	30.90 1.97 0.00	28.90 1.61 0.00	27.16 1.49 0.00	26.26 1.53 0.00	25.96 1.47 0.00	27.65 1.54 0.00	30.43 1.75 0.00	33.86 1.98 0.00	36.02 2.17 0.00	35.90 2.16 0.00	36.88 2.41 0.00	36.71 2.34 0.00	37.66 2.59 0.00	39.24 2.74 0.00	39.38 2.78 0.00	42.09 3.15 0.00	50.04 3.71 0.00	52.63 3.81 0.00	49.23 3.44 0.00	44.28 3.01 0.00	43.89 2.72 0.00	37.92 2.28 0.00	35.44 1.78 0.00	31.63 1.59 0.00
CRICKET__VALLEY_CC3 323758	30.90 1.97 0.00	28.90 1.61 0.00	27.16 1.49 0.00	26.26 1.53 0.00	25.96 1.47 0.00	27.65 1.54 0.00	30.43 1.75 0.00	33.86 1.98 0.00	36.02 2.17 0.00	35.90 2.16 0.00	36.88 2.41 0.00	36.71 2.34 0.00	37.66 2.59 0.00	39.24 2.74 0.00	39.38 2.78 0.00	42.09 3.15 0.00	50.04 3.71 0.00	52.63 3.81 0.00	49.23 3.44 0.00	44.28 3.01 0.00	43.89 2.72 0.00	37.92 2.28 0.00	35.44 1.78 0.00	31.63 1.59 0.00
CRUCIBLE_METL_DRP 24180	28.87 -0.06 0.00	27.09 -0.19 0.00	25.51 -0.15 0.00	24.50 -0.22 0.00	24.29 -0.20 0.00	25.93 -0.18 0.00	28.63 -0.06 0.00	32.13 0.00 -0.25	34.43 -0.07 -0.64	33.70 -0.03 0.00	34.46 0.00 0.00	34.44 0.07 0.00	35.24 0.18 0.00	36.64 0.15 0.00	36.63 0.04 0.00	38.93 0.00 0.00	46.29 -0.05 0.00	49.21 0.05 -0.34	45.88 0.09 0.00	42.15 0.12 -0.75	42.26 0.33 -0.76	35.96 0.32 0.00	33.83 0.17 0.00	30.13 0.09 0.00
DAHOWA__HYDRO 323763	30.90 1.97 0.00	29.01 1.72 0.00	27.18 1.51 0.00	26.18 1.46 0.00	25.91 1.42 0.00	27.65 1.54 0.00	30.49 1.81 0.00	33.73 1.85 0.00	35.89 2.03 0.00	35.76 2.02 0.00	36.46 2.00 0.00	36.22 1.85 0.00	36.99 1.93 0.00	38.47 1.97 0.00	38.53 1.94 0.00	41.00 2.06 0.00	48.79 2.45 0.00	51.65 2.83 0.00	48.72 2.93 0.00	43.99 2.72 0.00	44.10 2.92 0.00	38.07 2.42 0.00	35.54 1.88 0.00	31.69 1.65 0.00
DANC__LFGE 323619	28.84 -0.09 0.00	27.07 -0.22 0.00	25.46 -0.21 0.00	24.53 -0.20 0.00	24.32 -0.17 0.00	26.09 -0.03 0.00	28.80 0.12 0.00	32.35 0.19 -0.28	34.67 0.10 -0.71	33.87 0.14 0.00	34.53 0.07 0.00	34.44 0.07 0.00	35.03 -0.04 0.00	35.67 -0.07 0.76	35.20 -0.22 1.18	36.57 -0.31 2.05	43.23 -0.32 2.78	45.75 -0.19 2.88	45.37 0.09 0.51	42.35 0.25 -0.84	42.51 0.50 -0.84	36.14 0.50 0.00	33.96 0.30 0.00	30.22 0.18 0.00
DANSKAMMER__1 23586	31.53 2.60 0.00	29.42 2.13 0.00	27.62 1.95 0.00	26.63 1.90 0.00	26.32 1.84 0.00	28.02 1.91 0.00	30.98 2.30 0.00	34.43 2.55 0.00	36.73 2.88 0.00	36.67 2.93 0.00	37.67 3.21 0.00	37.49 3.13 0.00	38.50 3.44 0.00	40.15 3.65 0.00	40.29 3.69 0.00	43.02 4.09 0.00	51.20 4.86 0.00	53.90 5.08 0.00	50.37 4.58 0.00	45.27 4.00 0.00	44.96 3.79 0.00	38.88 3.24 0.00	36.29 2.63 0.00	32.29 2.25 0.00
DANSKAMMER__2 23589	31.53 2.60 0.00	29.42 2.13 0.00	27.62 1.95 0.00	26.63 1.90 0.00	26.32 1.84 0.00	28.02 1.91 0.00	30.98 2.30 0.00	34.43 2.55 0.00	36.73 2.88 0.00	36.67 2.93 0.00	37.67 3.21 0.00	37.49 3.13 0.00	38.50 3.44 0.00	40.15 3.65 0.00	40.29 3.69 0.00	43.02 4.09 0.00	51.20 4.86 0.00	53.90 5.08 0.00	50.37 4.58 0.00	45.27 4.00 0.00	44.96 3.79 0.00	38.88 3.24 0.00	36.29 2.63 0.00	32.29 2.25 0.00
DANSKAMMER__3 23590	31.53 2.60 0.00	29.42 2.13 0.00	27.62 1.95 0.00	26.63 1.90 0.00	26.32 1.84 0.00	28.02 1.91 0.00	30.98 2.30 0.00	34.43 2.55 0.00	36.73 2.88 0.00	36.67 2.93 0.00	37.67 3.21 0.00	37.49 3.13 0.00	38.50 3.44 0.00	40.15 3.65 0.00	40.29 3.69 0.00	43.02 4.09 0.00	51.20 4.86 0.00	53.90 5.08 0.00	50.37 4.58 0.00	45.27 4.00 0.00	44.96 3.79 0.00	38.88 3.24 0.00	36.29 2.63 0.00	32.29 2.25 0.00

DANSKAMMER___4 23591	31.53 2.60 0.00	29.42 2.13 0.00	27.62 1.95 0.00	26.63 1.90 0.00	26.32 1.84 0.00	28.02 1.91 0.00	30.98 2.30 0.00	34.43 2.55 0.00	36.73 2.88 0.00	36.67 2.93 0.00	37.67 3.21 0.00	37.49 3.13 0.00	38.50 3.44 0.00	40.15 3.65 0.00	40.29 3.69 0.00	43.02 4.09 0.00	51.20 4.86 0.00	53.90 5.08 0.00	50.37 4.58 0.00	45.27 4.00 0.00	44.96 3.79 0.00	38.88 3.24 0.00	36.29 2.63 0.00	32.29 2.25 0.00
DANSKAMMER___DIESEL 23592	31.53 2.60 0.00	29.39 2.10 0.00	27.64 1.98 0.00	26.63 1.90 0.00	26.32 1.84 0.00	28.02 1.91 0.00	30.98 2.29 0.00	34.43 2.55 0.00	36.73 2.88 0.00	36.64 2.90 0.00	37.50 3.03 0.00	37.46 3.09 0.00	38.50 3.44 0.00	40.11 3.61 0.00	40.29 3.70 0.00	43.02 4.09 0.00	51.20 4.86 0.00	53.90 5.08 0.00	50.37 4.58 0.00	45.27 4.00 0.00	44.92 3.75 0.00	38.85 3.21 0.00	36.29 2.63 0.00	32.32 2.28 0.00
DARBY___SOLAR 323810	30.81 1.88 0.00	28.92 1.64 0.00	27.10 1.44 0.00	26.13 1.41 0.00	25.83 1.35 0.00	27.58 1.46 0.00	30.41 1.72 0.00	33.67 1.78 0.00	35.82 1.96 0.00	35.69 1.96 0.00	36.39 1.93 0.00	36.19 1.82 0.00	36.95 1.89 0.00	38.43 1.93 0.00	38.50 1.90 0.00	41.00 2.06 0.00	48.79 2.45 0.00	51.65 2.83 0.00	48.68 2.89 0.00	43.91 2.64 0.00	43.89 2.72 0.00	37.92 2.28 0.00	35.44 1.78 0.00	31.60 1.56 0.00
DASHVILLE___HYD 23610	31.16 2.23 0.00	29.03 1.75 0.00	27.31 1.64 0.00	26.31 1.58 0.00	26.03 1.54 0.00	27.65 1.54 0.00	30.52 1.84 0.00	33.92 2.04 0.00	36.12 2.27 0.00	36.06 2.33 0.00	36.91 2.45 0.00	36.91 2.54 0.00	37.94 2.88 0.00	39.53 3.03 0.00	39.71 3.11 0.00	42.40 3.47 0.00	50.46 4.12 0.00	53.07 4.25 0.00	49.59 3.80 0.00	44.57 3.30 0.00	44.18 3.01 0.00	38.28 2.64 0.00	35.78 2.12 0.00	31.93 1.89 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	43.99 3.65 -11.42	43.11 3.00 -12.83	38.65 2.77 -10.21	34.53 2.65 -7.15	31.94 2.57 -4.88	35.88 2.69 -7.07	38.35 3.18 -6.48	41.31 3.70 -5.73	44.15 4.37 -5.92	44.44 4.49 -6.22	47.76 4.93 -8.36	51.72 5.19 -12.16	54.46 5.54 -13.86	66.31 5.88 -23.94	65.03 5.89 -22.54	66.68 6.39 -21.36	105.07 7.60 -51.14	135.14 7.96 -78.36	132.15 7.23 -79.13	61.33 6.36 -13.70	55.31 5.93 -8.20	54.52 5.10 -13.79	46.92 4.21 -9.06	45.66 3.51 -12.11
DELAWARE___LFGE 323621	30.14 1.22 0.00	28.24 0.96 0.00	26.54 0.87 0.00	25.57 0.84 0.00	25.32 0.83 0.00	27.03 0.91 0.00	29.86 1.18 0.00	33.26 1.34 -0.04	35.39 1.42 -0.11	35.15 1.42 0.00	35.88 1.41 0.00	35.85 1.48 0.00	36.78 1.72 0.00	38.25 1.75 0.00	38.32 1.72 0.00	40.76 1.83 0.00	48.51 2.18 0.00	51.22 2.34 -0.06	48.03 2.24 0.00	43.42 2.02 -0.13	43.36 2.06 -0.13	37.42 1.78 0.00	35.04 1.38 0.00	31.24 1.20 0.00
DERFIELD_115KV_TB7 355931	29.19 0.26 0.00	27.45 0.16 0.00	25.82 0.15 0.00	24.90 0.17 0.00	24.63 0.15 0.00	26.30 0.18 0.00	28.94 0.26 0.00	32.17 0.29 0.00	34.16 0.30 0.00	34.01 0.27 0.00	34.74 0.28 0.00	34.68 0.31 0.00	35.45 0.39 0.00	37.22 0.40 -0.32	37.46 0.37 -0.50	40.23 0.43 -0.87	48.02 0.51 -1.18	50.73 0.54 -1.38	46.56 0.55 -0.22	41.77 0.50 0.00	41.67 0.49 0.00	36.07 0.43 0.00	33.93 0.27 0.00	30.28 0.24 0.00
DOGLEVILLE___HYD 23807	29.13 0.20 0.00	27.42 0.14 0.00	25.80 0.13 0.00	24.90 0.17 0.00	24.66 0.17 0.00	26.37 0.26 0.00	29.06 0.37 0.00	32.29 0.41 0.00	34.26 0.41 0.00	34.14 0.41 0.00	34.84 0.38 0.00	34.71 0.34 0.00	35.48 0.42 0.00	37.22 0.40 -0.32	37.50 0.40 -0.50	40.19 0.39 -0.87	48.07 0.56 -1.18	50.93 0.73 -1.38	46.79 0.78 -0.22	42.05 0.78 0.00	42.00 0.82 0.00	36.42 0.78 0.00	34.27 0.61 0.00	30.61 0.57 0.00
DUNKIRK___115KV_TB_200 55889	28.18 -0.75 0.00	26.14 -1.15 0.00	24.59 -1.08 0.00	23.42 -1.31 0.00	23.29 -1.20 0.00	25.12 -0.99 0.00	28.14 -0.55 0.00	31.15 -0.73 0.00	32.87 -0.98 0.00	32.69 -1.05 0.00	33.71 -0.76 0.00	33.99 -0.38 0.00	35.03 -0.04 0.00	36.43 -0.07 0.00	35.90 -0.70 0.00	37.80 -1.13 0.00	45.03 -1.30 0.00	48.04 -0.78 0.00	45.01 -0.78 0.00	41.10 -0.17 0.00	42.16 0.99 0.00	36.71 1.07 0.00	34.57 0.91 0.00	31.09 1.05 0.00
DUNKIRK___1 23563	28.18 -0.75 0.00	26.14 -1.15 0.00	24.59 -1.08 0.00	23.42 -1.31 0.00	23.29 -1.20 0.00	25.12 -0.99 0.00	28.14 -0.55 0.00	31.15 -0.73 0.00	32.87 -0.98 0.00	32.69 -1.05 0.00	33.71 -0.76 0.00	33.99 -0.38 0.00	35.03 -0.04 0.00	36.43 -0.07 0.00	35.90 -0.70 0.00	37.80 -1.13 0.00	45.03 -1.30 0.00	48.04 -0.78 0.00	45.01 -0.78 0.00	41.10 -0.17 0.00	42.16 0.99 0.00	36.71 1.07 0.00	34.57 0.91 0.00	31.09 1.05 0.00
DUNKIRK___2 23564	28.18 -0.75 0.00	26.14 -1.15 0.00	24.59 -1.08 0.00	23.42 -1.31 0.00	23.29 -1.20 0.00	25.12 -0.99 0.00	28.14 -0.55 0.00	31.15 -0.73 0.00	32.87 -0.98 0.00	32.69 -1.05 0.00	33.71 -0.76 0.00	33.99 -0.38 0.00	35.03 -0.04 0.00	36.43 -0.07 0.00	35.90 -0.70 0.00	37.80 -1.13 0.00	45.03 -1.30 0.00	48.04 -0.78 0.00	45.01 -0.78 0.00	41.10 -0.17 0.00	42.16 0.99 0.00	36.71 1.07 0.00	34.57 0.91 0.00	31.09 1.05 0.00
DUNKIRK___3 23565	28.12 -0.81 0.00	26.09 -1.20 0.00	24.56 -1.10 0.00	23.39 -1.34 0.00	23.24 -1.25 0.00	25.07 -1.04 0.00	28.05 -0.63 0.00	31.02 -0.86 0.00	32.74 -1.12 0.00	32.56 -1.18 0.00	33.53 -0.93 0.00	33.85 -0.52 0.00	34.85 -0.21 0.00	36.24 -0.26 0.00	35.72 -0.88 0.00	37.61 -1.32 0.00	44.76 -1.58 0.00	47.74 -1.07 0.00	44.69 -1.10 0.00	40.82 -0.45 0.00	41.88 0.70 0.00	36.42 0.78 0.00	34.33 0.67 0.00	30.88 0.84 0.00
DUNKIRK___4 23566	28.12 -0.81 0.00	26.09 -1.20 0.00	24.56 -1.10 0.00	23.39 -1.34 0.00	23.24 -1.25 0.00	25.07 -1.04 0.00	28.05 -0.63 0.00	31.02 -0.86 0.00	32.74 -1.12 0.00	32.56 -1.18 0.00	33.53 -0.93 0.00	33.85 -0.52 0.00	34.85 -0.21 0.00	36.24 -0.26 0.00	35.72 -0.88 0.00	37.61 -1.32 0.00	44.76 -1.58 0.00	47.74 -1.07 0.00	44.69 -1.10 0.00	40.82 -0.45 0.00	41.88 0.70 0.00	36.42 0.78 0.00	34.33 0.67 0.00	30.88 0.84 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.62 2.69 0.00	29.47 2.18 0.00	27.67 2.00 0.00	26.68 1.95 0.00	26.37 1.89 0.00	28.07 1.96 0.00	31.09 2.41 0.00	34.69 2.81 0.00	37.00 3.15 0.00	36.91 3.17 0.00	37.81 3.34 0.00	37.80 3.44 0.00	38.85 3.79 0.00	40.44 3.94 0.00	40.62 4.03 0.00	43.33 4.40 0.00	51.47 5.14 0.00	54.04 5.22 0.00	50.51 4.72 0.00	45.44 4.17 0.00	45.00 3.83 0.00	38.96 3.31 0.00	36.42 2.76 0.00	32.47 2.43 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.24 2.31 0.00	29.14 1.86 0.00	27.39 1.72 0.00	26.38 1.66 0.00	26.10 1.62 0.00	27.79 1.67 0.00	30.72 2.04 0.00	34.18 2.30 0.00	36.43 2.57 0.00	36.33 2.60 0.00	37.19 2.72 0.00	37.15 2.78 0.00	38.18 3.12 0.00	39.78 3.28 0.00	39.96 3.37 0.00	42.63 3.70 0.00	50.73 4.40 0.00	53.41 4.59 0.00	49.91 4.12 0.00	44.90 3.63 0.00	44.55 3.38 0.00	38.53 2.89 0.00	35.98 2.32 0.00	32.08 2.04 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.92 2.98 -0.01	29.74 2.46 0.00	27.93 2.26 -0.01	26.96 2.23 -0.01	26.62 2.13 -0.01	28.07 1.96 0.00	31.12 2.44 0.00	34.78 2.90 0.00	37.21 3.35 0.00	37.14 3.41 0.01	38.54 3.55 -0.52	44.20 3.64 -6.19	46.01 3.96 -6.99	46.00 4.20 -5.30	46.78 4.17 -6.01	47.40 4.52 -3.95	51.61 5.28 0.00	54.04 5.22 0.00	50.41 4.62 0.00	45.60 4.33 0.00	45.13 3.95 0.00	39.13 3.49 0.00	36.73 3.06 -0.01	32.71 2.67 0.00
E179THST_13_KV_LOAD 356214	32.09 3.15 -0.01	29.91 2.62 0.00	28.09 2.41 -0.01	27.08 2.35 -0.01	26.75 2.25 -0.01	28.20 2.09 0.00	31.30 2.61 0.00	35.01 3.12 0.00	37.41 3.55 0.00	37.34 3.61 0.01	38.78 3.79 -0.52	44.44 3.88 -6.19	46.26 4.21 -6.99	46.25 4.45 -5.30	47.03 4.43 -6.01	47.67 4.79 -3.95	51.94 5.61 0.00	54.38 5.57 0.00	50.78 4.99 0.00	45.89 4.62 0.00	45.42 4.24 0.00	39.38 3.74 0.00	36.97 3.30 -0.01	32.92 2.88 0.00
EAST HAMPTON___GT 23717	43.79 3.44 -11.42	42.95 2.84 -12.83	38.44 2.57 -10.21	34.33 2.45 -7.15	31.72 2.35 -4.88	35.64 2.45 -7.07	38.12 2.96 -6.48	41.12 3.51 -5.73	44.01 4.23 -5.92	44.47 4.52 -6.22	48.07 5.24 -8.36	51.89 5.36 -12.16	54.53 5.61 -13.86	66.39 5.95 -23.94	65.03 5.89 -22.55	66.64 6.35 -21.36	105.12 7.64 -51.14	135.20 8.01 -78.37	132.21 7.28 -79.14	61.33 6.35 -13.70	55.39 6.01 -8.20	54.70 5.27 -13.79	46.99 4.28 -9.06	45.63 3.48 -12.11
EAST RIVER___6 23660	31.79 2.86 0.00	29.55 2.26 0.00	27.72 2.05 0.00	26.70 1.98 0.00	26.40 1.91 0.00	28.07 1.96 0.00	31.15 2.47 0.00	34.85 2.97 0.00	37.24 3.39 0.00	37.21 3.48 0.00	38.80 3.83 -0.51	44.12 3.78 -5.97	45.86 4.07 -6.73	45.88 4.27 -5.11	46.70 4.32 -5.79	47.64 4.79 -3.92	51.89 5.56 0.00	54.24 5.42 0.00	50.60 4.81 0.00	45.56 4.29 0.00	45.17 3.99 0.00	39.14 3.49 0.00	36.66 2.99 0.00	32.62 2.58 0.00
EAST RIVER___7 23524	31.79 2.86 0.00	29.55 2.26 0.00	27.72 2.05 0.00	26.70 1.98 0.00	26.40 1.91 0.00	28.07 1.96 0.00	31.15 2.47 0.00	34.85 2.97 0.00	37.24 3.39 0.00	37.21 3.48 0.00	38.80 3.83 -0.51	44.12 3.78 -5.97	45.86 4.07 -6.73	45.88 4.27 -5.11	46.70 4.32 -5.79	47.64 4.79 -3.92	51.89 5.56 0.00	54.24 5.42 0.00	50.60 4.81 0.00	45.56 4.29 0.00	45.17 3.99 0.00	39.14 3.49 0.00	36.66 2.99 0.00	32.62 2.58 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.53 2.60 0.00	29.39 2.10 0.00	27.62 1.95 0.00	26.60 1.88 0.00	26.32 1.84 0.00	27.99 1.88 0.00	31.01 2.32 0.00	34.56 2.68 0.00	36.90 3.05 0.00	36.81 3.07 0.00	37.67 3.21 0.00	37.67 3.30 0.00	38.71 3.65 0.00	40.29 3.80 0.00	40.48 3.88 0.00	43.18 4.24 0.00	51.34 5.00 0.00	53.90 5.08 0.00	50.37 4.58 0.00	45.31 4.04 0.00	44.88 3.71 0.00	38.85 3.21 0.00	36.32 2.66 0.00	32.38 2.34 0.00
EAST_HAMPTON___DIESEL 23722	43.73 3.38 -11.42	42.87 2.75 -12.83	38.36 2.49 -10.21	34.25 2.37 -7.15	31.67 2.30 -4.88	35.56 2.38 -7.07	38.04 2.87 -6.48	41.03 3.41 -5.73	43.94 4.16 -5.92	44.40 4.45 -6.22	48.00 5.17 -8.36	51.82 5.29 -12.16	54.46 5.54 -13.86	66.27 5.84 -23.94	64.92 5.78 -22.55	66.57 6.27 -21.36	104.98 7.50 -51.14	135.10 7.91 -78.37	132.12 7.19 -79.14	61.20 6.23 -13.70	55.31 5.93 -8.20	54.63 5.20 -13.79	46.96 4.24 -9.06	45.57 3.42 -12.11
EAST_POINT___SOLAR 323840	31.79 2.86 0.00	29.79 2.51 0.00	27.85 2.18 0.00	26.83 2.10 0.00	26.35 1.86 0.00	28.20 2.09 0.00	31.12 2.44 0.00	34.27 2.39 0.00	36.02 2.17 0.00	35.56 1.82 0.00	36.43 1.96 0.00	36.15 1.79 0.00	37.45 2.39 0.00	38.94 2.45 0.00	39.12 2.52 0.00	41.07 2.14 0.00	49.16 2.83 0.00	51.90 3.08 0.00	49.96 4.17 0.00	45.56 4.29 0.00	46.32 5.15 0.00	39.92 4.27 0.00	37.16 3.50 0.00	32.92 2.88 0.00
EAST_PULASKI___ESR 323781	28.67 -0.26 0.00	26.93 -0.36 0.00	25.33 -0.33 0.00	24.38 -0.35 0.00	24.17 -0.32 0.00	25.85 -0.26 0.00	28.51 -0.17 0.00	32.12 -0.16 -0.40	34.63 -0.24 -1.01	33.57 -0.17 0.00	34.36 -0.10 0.00	34.20 -0.17 0.00	34.89 -0.17 0.00	35.89 -0.22 0.39	35.63 -0.37 0.60	37.46 -0.43 1.05	44.36 -0.55 1.42	47.26 -0.44 1.12	45.25 -0.27 0.26	42.34 -0.12 -1.20	42.46 0.08 -1.21	35.75 0.11 0.00	33.66 0.00 0.00	29.98 -0.06 0.00
EAST_RIVER___1 323558	31.85 2.92 0.00	29.66 2.37 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.52 2.03 0.00	28.18 2.06 0.00	31.24 2.55 0.00	34.91 3.03 0.00	37.27 3.42 0.00	37.24 3.51 0.00	38.84 3.86 -0.51	44.15 3.81 -5.97	45.90 4.10 -6.73	45.91 4.30 -5.11	46.74 4.35 -5.79	47.64 4.79 -3.92	51.89 5.56 0.00	54.33 5.51 0.00	50.74 4.95 0.00	45.69 4.42 0.00	45.29 4.12 0.00	39.20 3.56 0.00	36.69 3.03 0.00	32.68 2.64 0.00
EAST_RIVER___2 323559	31.79 2.86 0.00	29.55 2.26 0.00	27.72 2.05 0.00	26.70 1.98 0.00	26.40 1.91 0.00	28.07 1.96 0.00	31.15 2.47 0.00	34.85 2.97 0.00	37.24 3.39 0.00	37.21 3.48 0.00	38.80 3.83 -0.51	44.12 3.78 -5.97	45.86 4.07 -6.73	45.88 4.27 -5.11	46.70 4.32 -5.79	47.64 4.79 -3.92	51.89 5.56 0.00	54.24 5.42 0.00	50.60 4.81 0.00	45.56 4.29 0.00	45.17 3.99 0.00	39.14 3.49 0.00	36.66 2.99 0.00	32.62 2.58 0.00
EAST___DELAWARE_HYD 23607	30.90 1.97 0.00	28.79 1.50 0.00	27.03 1.36 0.00	26.04 1.31 0.00	25.73 1.25 0.00	27.44 1.33 0.00	30.32 1.63 0.00	33.70 1.82 0.00	35.92 2.07 0.00	35.86 2.13 0.00	36.77 2.31 0.00	36.64 2.27 0.00	37.59 2.53 0.00	38.18 1.68 0.00	38.39 1.79 0.00	40.96 2.02 0.00	48.83 2.50 0.00	51.45 2.63 0.00	48.22 2.43 0.00	43.29 2.02 0.00	43.03 1.85 0.00	38.17 2.53 0.00	35.58 1.92 0.00	31.66 1.62 0.00
EIGHT_POINT___WT_PWR 323820	28.29 -0.64 0.00	26.49 -0.79 0.00	24.92 -0.75 0.00	23.74 -0.99 0.00	23.56 -0.93 0.00	25.43 -0.68 0.00	28.43 -0.26 0.00	32.57 0.64 -0.05	34.29 0.30 -0.13	34.11 0.37 0.00	35.19 0.72 0.00	34.61 0.24 0.00	35.27 0.21 0.00	36.43 -0.07 0.00	35.68 -0.91 0.00	37.65 -1.28 0.00	44.85 -1.48 0.00	48.01 -0.88 -0.07	45.19 -0.60 0.00	41.55 0.12 -0.16	42.40 1.07 -0.16	36.60 0.96 0.00	34.40 0.74 0.00	30.85 0.81 0.00
ELBRIDGE_115KV_TB2 80188	28.73 -0.20 0.00	26.96 -0.33 0.00	25.39 -0.28 0.00	24.40 -0.32 0.00	24.17 -0.32 0.00	25.83 -0.29 0.00	28.51 -0.17 0.00	31.98 -0.16 -0.26	34.29 -0.24 -0.67	33.53 -0.20 0.00	34.26 -0.21 0.00	34.26 -0.10 0.00	35.06 0.00 0.00	36.46 -0.04 0.00	36.41 -0.18 0.00	38.70 -0.23 0.00	46.05 -0.28 0.00	48.98 -0.20 -0.36	45.65 -0.14 0.00	42.03 -0.04 -0.80	42.14 0.16 -0.80	35.82 0.18 0.00	33.69 0.03 0.00	30.01 -0.03 0.00
ELEC_TRO_TEK 24086	43.42 3.07 -11.42	42.65 2.54 -12.83	38.21 2.34 -10.21	34.15 2.27 -7.15	31.57 2.20 -4.88	35.48 2.30 -7.07	37.92 2.75 -6.48	40.80 3.19 -5.73	43.33 3.55 -5.92	43.56 3.61 -6.22	46.59 3.76 -8.36	50.31 3.88 -12.05	53.16 4.24 -13.86	64.85 4.42 -23.94	55.98 4.50 -14.88	65.20 4.91 -21.36	103.26 5.79 -51.13	79.20 5.91 -24.47	68.02 5.36 -16.88	50.60 4.70 -4.63	50.35 4.41 -4.77	48.95 3.78 -9.53	45.91 3.20 -9.06	44.97 2.82 -12.11

ELLENBURG_WT_PWR 323604	27.72 -1.21 0.00	26.41 -0.87 0.00	24.82 -0.85 0.00	23.93 -0.79 0.00	23.90 -0.59 0.00	25.46 -0.65 0.00	28.17 -0.52 0.00	31.43 -0.45 0.00	33.28 -0.58 0.00	33.43 -0.30 0.00	33.81 -0.66 0.00	33.82 -0.55 0.00	34.56 -0.49 0.01	29.38 -0.73 6.39	26.04 -0.62 9.93	20.86 -0.82 17.26	22.27 -0.69 23.36	20.45 -0.98 27.39	40.64 -0.82 4.33	40.57 -0.70 0.00	40.51 -0.66 0.00	34.93 -0.71 0.00	33.39 -0.27 0.00	29.92 -0.12 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.86 -1.07 0.00	25.87 -1.42 0.00	24.36 -1.31 0.00	23.19 -1.53 0.00	23.07 -1.42 0.00	24.86 -1.25 0.00	27.80 -0.89 0.00	30.67 -1.21 0.00	32.30 -1.56 0.00	32.12 -1.62 0.00	33.09 -1.38 0.00	33.44 -0.93 0.00	34.46 -0.60 0.00	35.77 -0.73 0.00	35.17 -1.43 0.00	36.95 -1.99 0.00	43.92 -2.41 0.00	46.72 -2.10 0.00	43.82 -1.97 0.00	40.03 -1.24 0.00	41.26 0.08 0.00	35.89 0.25 0.00	33.90 0.24 0.00	30.52 0.48 0.00
EMPIRE_CC_1 323656	30.23 1.30 0.00	28.38 1.09 0.00	26.67 1.00 0.00	25.74 1.01 0.00	25.44 0.95 0.00	27.11 0.99 0.00	29.86 1.18 0.00	32.97 1.08 0.00	34.97 1.12 0.00	34.78 1.05 0.00	35.64 1.17 0.00	35.47 1.10 0.00	36.32 1.26 0.00	37.81 1.31 0.00	37.95 1.35 0.00	40.57 1.63 0.00	48.28 1.95 0.00	50.87 2.05 0.00	47.71 1.92 0.00	42.92 1.65 0.00	42.53 1.36 0.00	36.81 1.17 0.00	34.47 0.81 0.00	30.97 0.93 0.00
EMPIRE_CC_2 323658	30.23 1.30 0.00	28.38 1.09 0.00	26.67 1.00 0.00	25.74 1.01 0.00	25.44 0.95 0.00	27.11 0.99 0.00	29.86 1.18 0.00	32.97 1.08 0.00	34.97 1.12 0.00	34.78 1.05 0.00	35.64 1.17 0.00	35.47 1.10 0.00	36.32 1.26 0.00	37.81 1.31 0.00	37.95 1.35 0.00	40.57 1.63 0.00	48.28 1.95 0.00	50.87 2.05 0.00	47.71 1.92 0.00	42.92 1.65 0.00	42.53 1.36 0.00	36.81 1.17 0.00	34.47 0.81 0.00	30.97 0.93 0.00
ENORWICH_115KV_TB1 80156	30.93 2.00 0.00	28.87 1.58 0.00	27.13 1.46 0.00	26.11 1.38 0.00	25.88 1.40 0.00	27.84 1.72 0.00	30.98 2.29 0.00	34.50 2.52 -0.10	36.44 2.34 -0.25	35.93 2.19 0.00	36.39 1.93 0.00	36.43 2.06 0.00	37.30 2.24 0.00	38.65 2.15 0.00	38.61 2.01 0.00	40.96 2.02 0.00	48.97 2.64 0.00	52.22 3.27 -0.13	49.32 3.53 0.00	44.99 3.43 -0.29	45.42 3.95 -0.30	39.20 3.56 0.00	36.52 2.86 0.00	32.50 2.46 0.00
ERIE_ST_34_KV_TB1-2 80199	28.26 -0.67 0.00	26.19 -1.09 0.00	24.67 -1.00 0.00	23.49 -1.24 0.00	23.34 -1.15 0.00	25.17 -0.94 0.00	28.20 -0.49 0.00	31.12 -0.77 0.00	32.84 -1.02 0.00	32.66 -1.08 0.00	33.67 -0.79 0.00	33.99 -0.38 0.00	34.99 -0.07 0.00	36.43 -0.07 0.00	35.86 -0.73 0.00	37.73 -1.21 0.00	44.85 -1.48 0.00	47.79 -1.03 0.00	44.74 -1.05 0.00	40.82 -0.45 0.00	41.88 0.70 0.00	36.42 0.78 0.00	34.30 0.64 0.00	30.91 0.87 0.00
ERIE_WT_PWR 323693	28.03 -0.90 0.00	26.14 -1.14 0.00	24.57 -1.10 0.00	23.37 -1.36 0.00	23.21 -1.27 0.00	25.04 -1.07 0.00	28.00 -0.69 0.00	30.93 -0.96 0.00	32.57 -1.29 0.00	32.93 -0.81 0.00	34.33 -0.14 0.00	34.02 -0.34 0.00	34.71 -0.35 0.00	36.10 -0.40 0.00	35.46 -1.13 0.00	37.26 -1.67 0.00	44.29 -2.04 0.00	47.16 -1.66 0.00	44.28 -1.51 0.00	40.40 -0.87 0.00	41.47 0.29 0.00	36.10 0.46 0.00	34.17 0.51 0.00	30.82 0.78 0.00
ESPRGFLD_115KV_TB1 80157	30.87 1.94 0.00	28.90 1.61 0.00	27.08 1.41 0.00	26.09 1.36 0.00	25.78 1.30 0.00	27.63 1.51 0.00	30.64 1.95 0.00	34.02 2.14 0.00	35.96 2.10 0.00	35.73 1.99 0.00	36.43 1.96 0.00	36.40 2.03 0.00	37.41 2.35 0.00	38.87 2.37 0.00	38.94 2.34 0.00	41.27 2.34 0.00	49.16 2.83 0.00	52.09 3.27 0.00	49.32 3.53 0.00	44.61 3.34 0.00	44.88 3.71 0.00	38.78 3.14 0.00	36.15 2.49 0.00	32.11 2.07 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.51 0.58 0.00	27.64 0.35 0.00	26.00 0.33 0.00	24.97 0.25 0.00	24.76 0.27 0.00	26.51 0.39 0.00	29.37 0.69 0.00	32.81 0.80 -0.13	34.91 0.71 -0.34	34.38 0.64 0.00	35.09 0.62 0.00	35.09 0.72 0.00	35.90 0.84 0.00	37.34 0.84 0.00	37.29 0.70 0.00	39.63 0.70 0.00	47.26 0.93 0.00	50.22 1.22 -0.18	47.12 1.33 0.00	43.00 1.32 -0.41	43.19 1.61 -0.41	37.07 1.43 0.00	34.77 1.11 0.00	30.97 0.93 0.00
ETNA____115KV_TB2 80207	29.51 0.58 0.00	27.64 0.35 0.00	26.00 0.33 0.00	24.97 0.25 0.00	24.76 0.27 0.00	26.51 0.39 0.00	29.37 0.69 0.00	32.81 0.80 -0.13	34.91 0.71 -0.34	34.38 0.64 0.00	35.09 0.62 0.00	35.09 0.72 0.00	35.90 0.84 0.00	37.34 0.84 0.00	37.29 0.70 0.00	39.63 0.70 0.00	47.26 0.93 0.00	50.22 1.22 -0.18	47.12 1.33 0.00	43.00 1.32 -0.41	43.19 1.61 -0.41	37.07 1.43 0.00	34.77 1.11 0.00	30.97 0.93 0.00
EUCLID____115KV_TB2 356179	28.55 -0.38 0.00	26.82 -0.46 0.00	25.26 -0.41 0.00	24.28 -0.45 0.00	24.05 -0.44 0.00	25.70 -0.42 0.00	28.34 -0.34 0.00	31.61 -0.38 -0.11	33.71 -0.44 -0.29	33.33 -0.40 0.00	34.09 -0.38 0.00	34.06 -0.31 0.00	34.85 -0.21 0.00	36.24 -0.26 0.00	36.23 -0.37 0.00	38.51 -0.43 0.00	45.78 -0.56 0.00	48.49 -0.49 -0.16	45.33 -0.46 0.00	41.28 -0.33 -0.34	41.40 -0.12 -0.35	35.57 -0.07 0.00	33.46 -0.20 0.00	29.83 -0.21 0.00
E_CANADA_CAP_HY 24051	31.39 2.46 0.00	29.42 2.13 0.00	27.54 1.87 0.00	26.51 1.78 0.00	26.15 1.67 0.00	28.02 1.91 0.00	31.01 2.32 0.00	34.34 2.46 0.00	36.43 2.57 0.00	36.06 2.33 0.00	36.88 2.41 0.00	36.64 2.27 0.00	37.80 2.74 0.00	39.27 2.77 0.00	39.41 2.82 0.00	41.54 2.61 0.00	49.62 3.29 0.00	52.43 3.61 0.00	49.91 4.12 0.00	45.27 4.00 0.00	45.70 4.53 0.00	39.42 3.78 0.00	36.72 3.06 0.00	32.53 2.49 0.00
E_CANADA_MHWK_HY 24050	29.13 0.20 0.00	27.42 0.14 0.00	25.80 0.13 0.00	24.90 0.17 0.00	24.66 0.17 0.00	26.37 0.26 0.00	29.06 0.37 0.00	32.29 0.41 0.00	34.26 0.41 0.00	34.14 0.41 0.00	34.84 0.38 0.00	34.71 0.34 0.00	35.48 0.42 0.00	37.22 0.40 -0.32	37.50 0.40 -0.50	40.19 0.39 -0.87	48.07 0.56 -1.18	50.93 0.73 -1.38	46.79 0.78 -0.22	42.05 0.78 0.00	42.00 0.82 0.00	36.42 0.78 0.00	34.27 0.61 0.00	30.61 0.57 0.00
E_FISHKILL____LBMP 23776	31.16 2.23 0.00	29.09 1.80 0.00	27.34 1.67 0.00	26.36 1.63 0.00	26.08 1.59 0.00	27.76 1.65 0.00	30.66 1.98 0.00	34.14 2.26 0.00	36.40 2.54 0.00	36.27 2.53 0.00	37.12 2.65 0.00	37.12 2.75 0.00	38.11 3.05 0.00	39.71 3.21 0.00	39.85 3.26 0.00	42.52 3.58 0.00	50.59 4.26 0.00	53.16 4.34 0.00	49.73 3.94 0.00	44.70 3.43 0.00	44.30 3.13 0.00	38.35 2.71 0.00	35.85 2.19 0.00	31.99 1.95 0.00
FALCON____SEABRD_CC1 323796	27.98 -0.95 0.00	26.66 -0.63 0.00	25.05 -0.62 0.00	24.16 -0.57 0.00	24.12 -0.37 0.00	25.69 -0.42 0.00	28.40 -0.29 0.00	31.69 -0.19 0.00	33.55 -0.31 0.00	33.63 -0.10 0.00	34.02 -0.45 0.00	34.06 -0.31 0.00	34.77 -0.28 0.01	29.60 -0.51 6.39	26.26 -0.40 9.93	21.09 -0.58 17.26	22.55 -0.42 23.36	20.79 -0.64 27.39	40.96 -0.50 4.33	40.82 -0.45 0.00	40.76 -0.41 0.00	35.14 -0.50 0.00	33.56 -0.10 0.00	30.04 0.00 0.00

FALCON___SEABRD_CC2 323797	27.98 -0.95 0.00	26.66 -0.63 0.00	25.05 -0.62 0.00	24.16 -0.57 0.00	24.12 -0.37 0.00	25.69 -0.42 0.00	28.40 -0.29 0.00	31.69 -0.19 0.00	33.55 -0.31 0.00	33.63 -0.10 0.00	34.02 -0.45 0.00	34.06 -0.31 0.00	34.77 -0.28 0.01	29.60 -0.51 6.39	26.26 -0.40 9.93	21.09 -0.58 17.26	22.55 -0.42 23.36	20.79 -0.64 27.39	40.96 -0.50 4.33	40.82 -0.45 0.00	40.76 -0.41 0.00	35.14 -0.50 0.00	33.56 -0.10 0.00	30.04 0.00 0.00
FAR ROCKAWAY___4 23548	43.96 3.62 -11.42	43.14 3.03 -12.83	38.65 2.77 -10.21	34.55 2.67 -7.15	31.96 2.60 -4.88	35.90 2.72 -7.07	38.38 3.21 -6.48	41.31 3.70 -5.73	43.91 4.13 -5.92	44.14 4.18 -6.22	47.27 4.45 -8.36	51.03 4.61 -12.05	53.93 5.01 -13.86	65.73 5.29 -23.94	56.49 5.01 -14.88	65.75 5.45 -21.36	103.91 6.44 -51.13	79.93 6.64 -24.47	68.71 6.04 -16.88	51.59 5.70 -4.63	51.30 5.35 -4.77	49.77 4.60 -9.53	46.55 3.84 -9.06	45.51 3.36 -12.11
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.85 2.92 0.00	29.66 2.37 0.00	27.85 2.18 0.00	26.83 2.10 0.00	26.54 2.06 0.00	28.20 2.09 0.00	31.27 2.58 0.00	34.94 3.06 0.00	37.31 3.45 0.00	37.24 3.51 0.00	38.63 3.65 -0.52	44.15 3.78 -6.01	45.98 4.14 -6.78	45.95 4.31 -5.15	46.82 4.39 -5.83	47.67 4.79 -3.94	51.94 5.61 0.00	54.38 5.57 0.00	50.83 5.04 0.00	45.73 4.46 0.00	45.29 4.12 0.00	39.20 3.56 0.00	36.69 3.03 0.00	32.71 2.67 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.88 2.95 0.00	29.66 2.37 0.00	27.88 2.21 0.00	26.85 2.13 0.00	26.54 2.06 0.00	28.20 2.09 0.00	31.27 2.58 0.00	34.94 3.06 0.00	37.31 3.45 0.00	37.24 3.51 0.00	38.63 3.65 -0.52	44.15 3.78 -6.01	45.98 4.14 -6.78	45.99 4.34 -5.15	46.82 4.39 -5.83	47.67 4.79 -3.94	51.94 5.61 0.00	54.38 5.57 0.00	50.83 5.04 0.00	45.73 4.46 0.00	45.29 4.12 0.00	39.24 3.60 0.00	36.72 3.06 0.00	32.71 2.67 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.82 2.89 0.00	29.63 2.35 0.00	27.85 2.18 0.00	26.83 2.10 0.00	26.52 2.03 0.00	28.20 2.09 0.00	31.27 2.58 0.00	34.91 3.03 0.00	37.28 3.42 0.00	37.21 3.47 0.00	38.63 3.65 -0.52	44.12 3.75 -6.01	45.94 4.10 -6.78	45.95 4.31 -5.15	46.78 4.35 -5.83	47.63 4.75 -3.94	51.89 5.56 0.00	54.34 5.52 0.00	50.78 4.99 0.00	45.69 4.42 0.00	45.25 4.08 0.00	39.17 3.53 0.00	36.69 3.03 0.00	32.68 2.64 0.00
FARRAGUT___LBMP 323566	31.82 2.89 0.00	29.61 2.32 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.49 2.01 0.00	28.18 2.06 0.00	31.21 2.52 0.00	34.88 3.00 0.00	37.24 3.39 0.00	37.18 3.44 0.00	38.57 3.58 -0.52	44.09 3.71 -6.01	45.91 4.07 -6.78	45.88 4.23 -5.15	46.74 4.32 -5.83	47.59 4.71 -3.94	51.80 5.47 0.00	54.29 5.47 0.00	50.74 4.95 0.00	45.64 4.37 0.00	45.21 4.04 0.00	39.13 3.49 0.00	36.66 3.00 0.00	32.65 2.61 0.00
FENNER___WINDPWR 24204	29.57 0.64 0.00	27.75 0.46 0.00	26.10 0.44 0.00	25.12 0.39 0.00	24.88 0.39 0.00	26.64 0.52 0.00	29.43 0.74 0.00	32.84 0.86 -0.10	34.96 0.85 -0.26	34.65 0.91 0.00	35.40 0.93 0.00	35.26 0.89 0.00	36.01 0.95 0.00	37.45 0.95 0.00	37.44 0.84 0.00	39.79 0.86 0.00	47.44 1.11 0.00	50.28 1.32 -0.14	47.16 1.37 0.00	42.86 1.28 -0.31	42.96 1.48 -0.31	36.96 1.32 0.00	34.67 1.01 0.00	30.91 0.87 0.00
FIBERTEK___ENERGY 23856	28.87 -0.06 0.00	27.09 -0.19 0.00	25.51 -0.15 0.00	24.50 -0.22 0.00	24.29 -0.20 0.00	25.93 -0.18 0.00	28.63 -0.06 0.00	32.13 0.00 -0.25	34.43 -0.07 -0.64	33.70 -0.03 0.00	34.46 0.00 0.00	34.44 0.07 0.00	35.24 0.18 0.00	36.64 0.15 0.00	36.63 0.04 0.00	38.93 0.00 0.00	46.29 -0.05 0.00	49.21 0.05 -0.34	45.88 0.09 0.00	42.15 0.12 -0.75	42.26 0.33 -0.76	35.96 0.32 0.00	33.83 0.17 0.00	30.13 0.09 0.00
FITZPATRICK____ 23598	28.09 -0.84 0.00	26.44 -0.85 0.00	24.90 -0.77 0.00	23.93 -0.79 0.00	23.73 -0.76 0.00	25.33 -0.78 0.00	27.88 -0.80 0.00	29.58 -0.93 1.38	29.31 -1.01 3.53	32.83 -0.91 0.00	33.64 -0.83 0.00	33.51 -0.86 0.00	34.19 -0.88 0.00	35.59 -0.91 0.00	35.57 -1.02 0.00	37.80 -1.13 0.00	44.99 -1.35 0.00	45.57 -1.37 1.89	44.56 -1.23 0.00	36.02 -1.07 4.18	36.06 -0.91 4.21	34.86 -0.78 0.00	32.85 -0.81 0.00	29.32 -0.72 0.00
FLOWRFLD_69_KV_BK1 356044	43.76 3.41 -11.42	42.95 2.84 -12.83	38.52 2.64 -10.21	34.43 2.55 -7.15	31.84 2.47 -4.88	35.77 2.59 -7.07	38.27 3.10 -6.48	41.19 3.57 -5.73	43.77 4.00 -5.92	43.97 4.01 -6.22	47.10 4.27 -8.36	50.87 4.36 -12.14	53.62 4.70 -13.86	65.40 4.96 -23.94	66.71 4.98 -25.13	65.59 5.30 -21.36	103.78 6.30 -51.15	151.87 6.49 -96.55	151.79 5.86 -100.14	63.24 5.20 -16.77	53.72 4.98 -7.56	52.87 4.24 -12.99	46.38 3.67 -9.06	45.33 3.18 -12.11
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.62 2.69 0.00	29.47 2.18 0.00	27.70 2.03 0.00	26.68 1.95 0.00	26.37 1.89 0.00	28.10 1.98 0.00	31.04 2.35 0.00	34.50 2.61 0.00	36.80 2.95 0.00	36.74 3.00 0.00	37.57 3.10 0.00	37.53 3.16 0.00	38.60 3.54 0.00	40.22 3.72 0.00	40.40 3.81 0.00	43.10 4.17 0.00	51.29 4.96 0.00	53.99 5.17 0.00	50.51 4.72 0.00	45.40 4.13 0.00	45.05 3.87 0.00	38.96 3.31 0.00	36.35 2.69 0.00	32.38 2.34 0.00
FORT ORANGE____ 23900	30.14 1.21 0.00	28.32 1.04 0.00	26.67 1.00 0.00	25.72 0.99 0.00	25.39 0.91 0.00	27.05 0.94 0.00	29.77 1.09 0.00	32.87 0.99 0.00	34.94 1.08 0.00	34.71 0.98 0.00	35.50 1.03 0.00	35.23 0.86 0.00	36.11 1.05 0.00	37.59 1.09 0.00	37.73 1.14 0.00	40.26 1.32 0.00	47.95 1.62 0.00	50.63 1.81 0.00	47.53 1.74 0.00	42.80 1.53 0.00	42.58 1.40 0.00	36.89 1.25 0.00	34.50 0.84 0.00	30.85 0.81 0.00
FORT_DRUM_COGEN 23780	29.02 0.09 0.00	27.26 -0.03 0.00	25.64 -0.03 0.00	24.73 0.00 0.00	24.49 0.00 0.00	26.37 0.26 0.00	29.17 0.49 0.00	32.69 0.61 -0.20	34.91 0.54 -0.51	34.17 0.44 0.00	34.71 0.24 0.00	34.71 0.34 0.00	35.23 0.18 0.00	35.33 0.11 1.28	34.58 -0.04 1.98	35.33 -0.16 3.45	41.66 0.00 4.67	43.86 0.24 5.20	45.52 0.60 0.87	42.61 0.74 -0.60	42.85 1.07 -0.61	36.67 1.03 0.00	34.33 0.67 0.00	30.52 0.48 0.00
FOX_HILLS___ESR 323835	33.42 3.07 -1.42	29.83 2.54 -0.01	28.04 2.36 -0.01	27.01 2.27 -0.01	26.70 2.20 -0.01	28.20 2.09 0.00	31.24 2.55 0.00	34.91 3.03 0.00	37.38 3.52 0.00	55.92 3.61 -18.58	57.45 3.79 -19.19	46.87 3.85 -8.65	49.29 4.21 -10.03	48.70 4.49 -7.71	49.68 4.46 -8.62	49.72 4.87 -5.92	80.92 5.70 -28.89	113.04 5.71 -58.51	76.45 5.13 -25.53	84.45 4.75 -38.43	46.49 4.36 -0.95	52.15 3.81 -12.70	53.93 3.23 -17.04	57.68 2.82 -24.82
FPL FAR_ROCK_GT1 24212	43.97 3.62 -11.42	43.14 3.03 -12.83	38.65 2.77 -10.21	34.55 2.67 -7.15	31.96 2.59 -4.88	35.88 2.69 -7.07	38.38 3.21 -6.48	41.28 3.66 -5.73	43.91 4.13 -5.92	44.17 4.22 -6.22	47.48 4.65 -8.36	51.09 4.67 -12.05	53.93 5.01 -13.86	65.73 5.29 -23.94	56.49 5.01 -14.88	65.75 5.45 -21.36	103.90 6.44 -51.13	79.93 6.64 -24.47	68.66 6.00 -16.88	51.55 5.65 -4.63	51.30 5.35 -4.77	49.77 4.60 -9.53	46.56 3.84 -9.06	45.48 3.33 -12.11



FPL FAR_ROCK_GT2 23815	43.97 3.62 -11.42	43.14 3.03 -12.83	38.65 2.77 -10.21	34.55 2.67 -7.15	31.96 2.59 -4.88	35.88 2.69 -7.07	38.38 3.21 -6.48	41.28 3.66 -5.73	43.91 4.13 -5.92	44.17 4.22 -6.22	47.48 4.65 -8.36	51.09 4.67 -12.05	53.93 5.01 -13.86	65.73 5.29 -23.94	56.49 5.01 -14.88	65.75 5.45 -21.36	103.90 6.44 -51.13	79.93 6.64 -24.47	68.66 6.00 -16.88	51.55 5.65 -4.63	51.30 5.35 -4.77	49.77 4.60 -9.53	46.56 3.84 -9.06	45.48 3.33 -12.11
FRANKLIN_FALL_HYD 24054	27.86 -1.07 0.00	26.60 -0.68 0.00	24.97 -0.69 0.00	24.08 -0.64 0.00	23.97 -0.51 0.00	25.54 -0.57 0.00	28.11 -0.57 0.00	31.34 -0.54 0.00	33.21 -0.64 0.00	33.30 -0.44 0.00	33.88 -0.59 0.00	33.68 -0.69 0.00	34.18 -0.88 0.01	29.47 -1.02 6.00	26.27 -0.99 9.34	21.54 -1.17 16.23	23.07 -1.30 21.97	21.65 -1.42 25.76	40.39 -1.33 4.07	40.07 -1.20 0.00	40.06 -1.11 0.00	34.57 -1.07 0.00	33.05 -0.61 0.00	29.53 -0.51 0.00
FREEPORT_EQUS_GT1 23764	43.71 3.35 -11.42	42.90 2.78 -12.83	38.44 2.57 -10.21	34.35 2.47 -7.15	31.77 2.40 -4.88	35.69 2.51 -7.07	38.15 2.98 -6.48	41.06 3.44 -5.73	43.64 3.86 -5.92	43.90 3.95 -6.22	47.00 4.17 -8.36	50.58 4.16 -12.05	53.41 4.49 -13.86	65.00 4.56 -23.94	56.16 4.69 -14.88	65.39 5.10 -21.36	103.49 6.02 -51.13	79.49 6.20 -24.47	68.25 5.58 -16.88	50.81 4.91 -4.63	50.72 4.77 -4.77	49.41 4.24 -9.53	46.28 3.57 -9.06	45.24 3.09 -12.11
FREEPORT___CT2 23818	43.71 3.35 -11.42	42.90 2.78 -12.83	38.44 2.57 -10.21	34.35 2.47 -7.15	31.77 2.40 -4.88	35.69 2.51 -7.07	38.15 2.98 -6.48	41.06 3.44 -5.73	43.64 3.86 -5.92	43.90 3.95 -6.22	47.00 4.17 -8.36	50.58 4.16 -12.05	53.41 4.49 -13.86	65.00 4.56 -23.94	56.16 4.69 -14.88	65.39 5.10 -21.36	103.49 6.02 -51.13	79.49 6.20 -24.47	68.25 5.58 -16.88	50.81 4.91 -4.63	50.72 4.77 -4.77	49.41 4.24 -9.53	46.28 3.57 -9.06	45.24 3.09 -12.11
FRESHKLS_33_KV_LOAD 356253	33.42 3.07 -1.42	29.86 2.56 -0.01	28.04 2.36 -0.01	27.01 2.27 -0.01	26.70 2.20 -0.01	28.18 2.06 0.00	31.21 2.52 0.00	34.85 2.96 0.00	37.31 3.45 0.00	55.85 3.54 -18.58	57.38 3.72 -19.19	46.80 3.78 -8.65	49.26 4.17 -10.03	48.70 4.49 -7.71	49.68 4.46 -8.62	49.72 4.87 -5.92	80.96 5.75 -28.89	113.09 5.76 -58.51	76.50 5.17 -25.53	84.49 4.79 -38.43	46.53 4.41 -0.95	52.15 3.81 -12.70	53.93 3.23 -17.04	57.65 2.79 -24.82
FULTON COGEN____ 23766	28.55 -0.38 0.00	26.82 -0.46 0.00	25.26 -0.41 0.00	24.31 -0.42 0.00	24.07 -0.42 0.00	25.70 -0.42 0.00	28.34 -0.34 0.00	31.98 -0.35 -0.45	34.57 -0.44 -1.15	33.33 -0.40 0.00	34.05 -0.41 0.00	34.02 -0.34 0.00	34.82 -0.25 0.00	36.21 -0.29 0.00	36.19 -0.40 0.00	38.47 -0.47 0.00	45.78 -0.56 0.00	48.95 -0.49 -0.61	45.38 -0.41 0.00	42.34 -0.29 -1.36	42.46 -0.08 -1.37	35.57 -0.07 0.00	33.46 -0.20 0.00	29.80 -0.24 0.00
FULTON___LFGE 323630	32.66 3.73 0.00	30.61 3.33 0.00	28.57 2.90 0.00	27.49 2.77 0.00	27.16 2.67 0.00	29.12 3.00 0.00	32.33 3.64 0.00	35.83 3.95 0.00	38.05 4.20 0.00	37.78 4.05 0.00	38.46 4.00 0.00	38.11 3.75 0.00	39.16 4.10 0.00	40.62 4.12 0.00	40.77 4.17 0.00	43.06 4.13 0.00	51.47 5.14 0.00	54.92 6.10 0.00	52.06 6.27 0.00	47.17 5.90 0.00	47.64 6.46 0.00	41.02 5.38 0.00	38.14 4.48 0.00	33.73 3.69 0.00
G.F.CEMENT___DRP 24184	31.01 2.08 0.00	29.09 1.80 0.00	27.26 1.59 0.00	26.26 1.53 0.00	25.96 1.47 0.00	27.71 1.59 0.00	30.64 1.95 0.00	33.89 2.01 0.00	36.12 2.27 0.00	36.00 2.26 0.00	36.43 1.96 0.00	36.29 1.92 0.00	36.99 1.93 0.00	38.47 1.97 0.00	38.54 1.94 0.00	40.96 2.02 0.00	48.74 2.41 0.00	51.70 2.88 0.00	48.90 3.11 0.00	44.12 2.85 0.00	44.35 3.17 0.00	38.24 2.60 0.00	35.71 2.05 0.00	31.78 1.74 0.00
GARDENVILLE___LBMP 24039	27.95 -0.98 0.00	25.95 -1.34 0.00	24.44 -1.23 0.00	23.27 -1.46 0.00	23.14 -1.35 0.00	24.94 -1.18 0.00	27.88 -0.80 0.00	30.77 -1.12 0.00	32.43 -1.42 0.00	32.22 -1.52 0.00	33.22 -1.24 0.00	33.54 -0.82 0.00	34.57 -0.49 0.00	35.91 -0.58 0.00	35.32 -1.28 0.00	37.10 -1.83 0.00	44.15 -2.18 0.00	47.01 -1.81 0.00	44.05 -1.74 0.00	40.24 -1.03 0.00	41.42 0.25 0.00	36.03 0.39 0.00	34.00 0.34 0.00	30.61 0.57 0.00
GARDNVLA_35_KV_LD 355827	28.09 -0.84 0.00	26.06 -1.23 0.00	24.54 -1.13 0.00	23.37 -1.36 0.00	23.24 -1.25 0.00	25.04 -1.07 0.00	28.03 -0.66 0.00	30.92 -0.96 0.00	32.60 -1.25 0.00	32.39 -1.35 0.00	33.40 -1.07 0.00	33.75 -0.62 0.00	34.78 -0.28 0.00	36.13 -0.36 0.00	35.53 -1.06 0.00	37.30 -1.64 0.00	44.39 -1.95 0.00	47.26 -1.56 0.00	44.28 -1.51 0.00	40.44 -0.83 0.00	41.67 0.49 0.00	36.25 0.61 0.00	34.20 0.54 0.00	30.79 0.75 0.00
GELCKHM___115KV_LOAD 80723	28.67 -0.26 0.00	26.90 -0.38 0.00	25.33 -0.33 0.00	24.35 -0.37 0.00	24.12 -0.37 0.00	25.77 -0.34 0.00	28.43 -0.26 0.00	31.79 -0.26 -0.16	33.97 -0.30 -0.41	33.47 -0.27 0.00	34.19 -0.28 0.00	34.20 -0.17 0.00	34.99 -0.07 0.00	36.39 -0.11 0.00	36.38 -0.22 0.00	38.66 -0.27 0.00	45.96 -0.37 0.00	48.75 -0.29 -0.22	45.52 -0.27 0.00	41.59 -0.17 -0.49	41.71 0.04 -0.49	35.68 0.04 0.00	33.59 -0.07 0.00	29.92 -0.12 0.00
GENERAL___MILLS 23808	28.03 -0.90 0.00	26.03 -1.26 0.00	24.51 -1.16 0.00	23.34 -1.38 0.00	23.19 -1.30 0.00	24.99 -1.12 0.00	27.97 -0.72 0.00	30.86 -1.02 0.00	32.54 -1.32 0.00	32.32 -1.42 0.00	33.33 -1.14 0.00	33.65 -0.72 0.00	34.68 -0.39 0.00	36.02 -0.47 0.00	35.46 -1.13 0.00	37.22 -1.71 0.00	44.29 -2.04 0.00	47.16 -1.66 0.00	44.19 -1.60 0.00	40.36 -0.91 0.00	41.55 0.37 0.00	36.14 0.50 0.00	34.13 0.47 0.00	30.70 0.66 0.00
GE_PLASTICS___DRP 24183	29.88 0.95 0.00	28.08 0.79 0.00	26.44 0.77 0.00	25.49 0.77 0.00	25.22 0.73 0.00	26.84 0.73 0.00	29.55 0.86 0.00	32.71 0.83 0.00	34.77 0.91 0.00	34.58 0.84 0.00	35.33 0.86 0.00	35.02 0.65 0.00	35.90 0.84 0.00	37.37 0.88 0.00	37.51 0.91 0.00	40.02 1.09 0.00	47.63 1.30 0.00	50.19 1.37 0.00	47.12 1.33 0.00	42.38 1.11 0.00	42.12 0.95 0.00	36.64 1.00 0.00	34.33 0.67 0.00	30.70 0.66 0.00
GILBOA___1 23756	30.06 1.13 0.00	28.18 0.90 0.00	26.51 0.85 0.00	25.54 0.81 0.00	25.27 0.78 0.00	26.95 0.84 0.00	29.69 1.00 0.00	33.00 1.12 0.00	35.07 1.22 0.00	34.98 1.25 0.00	35.84 1.38 0.00	35.71 1.34 0.00	36.53 1.47 0.00	38.07 1.57 0.00	38.17 1.57 0.00	40.69 1.75 0.00	48.42 2.09 0.00	50.87 2.05 0.00	47.80 2.01 0.00	43.04 1.77 0.00	42.82 1.65 0.00	37.07 1.43 0.00	34.74 1.08 0.00	31.00 0.96 0.00
GILBOA___2 23757	30.06 1.13 0.00	28.18 0.90 0.00	26.51 0.85 0.00	25.54 0.81 0.00	25.27 0.78 0.00	26.95 0.84 0.00	29.69 1.00 0.00	33.00 1.12 0.00	35.07 1.22 0.00	34.98 1.25 0.00	35.84 1.38 0.00	35.71 1.34 0.00	36.53 1.47 0.00	38.07 1.57 0.00	38.17 1.57 0.00	40.69 1.75 0.00	48.42 2.09 0.00	50.87 2.05 0.00	47.80 2.01 0.00	43.04 1.77 0.00	42.82 1.65 0.00	37.07 1.43 0.00	34.74 1.08 0.00	31.00 0.96 0.00

GILBOA___3 23758	30.06 1.13 0.00	28.18 0.90 0.00	26.51 0.85 0.00	25.54 0.81 0.00	25.27 0.78 0.00	26.95 0.84 0.00	29.69 1.00 0.00	33.00 1.12 0.00	35.07 1.22 0.00	34.98 1.25 0.00	35.84 1.38 0.00	35.71 1.34 0.00	36.53 1.47 0.00	38.07 1.57 0.00	38.17 1.57 0.00	40.69 1.75 0.00	48.42 2.09 0.00	50.87 2.05 0.00	47.80 2.01 0.00	43.04 1.77 0.00	42.82 1.65 0.00	37.07 1.43 0.00	34.74 1.08 0.00	31.00 0.96 0.00
GILBOA___4 23759	30.06 1.13 0.00	28.18 0.90 0.00	26.51 0.85 0.00	25.54 0.81 0.00	25.27 0.78 0.00	26.95 0.84 0.00	29.69 1.00 0.00	33.00 1.12 0.00	35.07 1.22 0.00	34.98 1.25 0.00	35.84 1.38 0.00	35.71 1.34 0.00	36.53 1.47 0.00	38.07 1.57 0.00	38.17 1.57 0.00	40.69 1.75 0.00	48.42 2.09 0.00	50.87 2.05 0.00	47.80 2.01 0.00	43.04 1.77 0.00	42.82 1.65 0.00	37.07 1.43 0.00	34.74 1.08 0.00	31.00 0.96 0.00
GILBOA___ 23599	30.06 1.13 0.00	28.19 0.90 0.00	26.52 0.85 0.00	25.54 0.82 0.00	25.27 0.78 0.00	26.95 0.84 0.00	29.69 1.00 0.00	33.00 1.12 0.00	35.07 1.22 0.00	34.95 1.21 0.00	35.71 1.24 0.00	35.64 1.27 0.00	36.53 1.47 0.00	38.03 1.53 0.00	38.17 1.57 0.00	40.69 1.75 0.00	48.42 2.08 0.00	50.87 2.05 0.00	47.80 2.01 0.00	43.04 1.77 0.00	42.82 1.65 0.00	37.03 1.39 0.00	34.74 1.08 0.00	31.00 0.96 0.00
GINNA___ 23603	27.25 -1.68 0.00	25.48 -1.80 0.00	23.97 -1.69 0.00	22.92 -1.80 0.00	22.75 -1.74 0.00	24.42 -1.70 0.00	27.11 -1.58 0.00	30.16 -1.72 0.00	31.96 -1.90 0.00	32.08 -1.65 0.00	33.09 -1.38 0.00	32.89 -1.48 0.00	33.59 -1.47 0.00	34.89 -1.61 0.00	34.62 -1.98 0.00	36.52 -2.41 0.00	43.55 -2.78 0.00	45.99 -2.83 0.00	43.23 -2.56 0.00	39.21 -2.06 0.00	39.73 -1.44 0.00	34.50 -1.14 0.00	32.52 -1.14 0.00	29.05 -0.99 0.00
GLEN PARK___ 23778	29.25 0.32 0.00	27.45 0.16 0.00	25.80 0.13 0.00	24.87 0.15 0.00	24.66 0.17 0.00	26.56 0.44 0.00	29.37 0.69 0.00	32.92 0.83 -0.21	35.13 0.74 -0.53	34.45 0.71 0.00	34.98 0.52 0.00	34.88 0.52 0.00	35.41 0.35 0.00	35.55 0.26 1.21	34.79 0.07 1.88	35.67 0.00 3.26	42.10 0.19 4.42	44.41 0.49 4.89	45.89 0.92 0.82	42.97 1.07 -0.63	43.21 1.40 -0.64	36.96 1.32 0.00	34.57 0.91 0.00	30.73 0.69 0.00
GLENDALE_27_KV_LOAD 356172	32.12 3.18 -0.01	29.85 2.56 0.00	28.06 2.39 -0.01	27.03 2.30 -0.01	26.72 2.23 -0.01	28.31 2.19 0.00	31.41 2.73 0.00	35.13 3.25 0.00	37.55 3.69 0.00	40.15 3.78 -2.63	44.19 3.93 -5.80	44.58 4.02 -6.19	46.43 4.38 -6.99	46.40 4.60 -5.30	47.18 4.57 -6.01	47.98 4.98 -4.07	52.17 5.84 0.00	54.63 5.81 0.00	51.01 5.22 0.00	46.10 4.83 0.00	45.62 4.45 0.00	39.53 3.88 0.00	37.03 3.37 -0.01	32.95 2.91 0.00
GLENWOOD_IC_1_G5 23712	43.65 3.30 -11.42	42.84 2.73 -12.83	38.39 2.52 -10.21	34.30 2.42 -7.15	31.72 2.35 -4.88	35.64 2.45 -7.07	38.12 2.95 -6.48	41.03 3.41 -5.73	43.64 3.86 -5.92	43.83 3.88 -6.22	46.93 4.10 -8.36	50.68 4.26 -12.05	53.41 4.49 -13.86	65.03 4.60 -23.94	56.16 4.68 -14.88	65.40 5.10 -21.36	103.49 6.02 -51.13	79.39 6.10 -24.47	68.21 5.54 -16.88	50.73 4.83 -4.63	50.81 4.86 -4.77	49.34 4.17 -9.53	46.18 3.47 -9.06	45.21 3.06 -12.11
GLENWOOD_IC_2_G1 23688	43.53 3.18 -11.42	42.79 2.68 -12.83	38.31 2.44 -10.21	34.23 2.35 -7.15	31.65 2.28 -4.88	35.56 2.38 -7.07	38.04 2.87 -6.48	40.93 3.32 -5.73	43.50 3.72 -5.92	43.76 3.81 -6.22	47.00 4.17 -8.36	50.58 4.16 -12.05	53.34 4.42 -13.86	65.07 4.64 -23.94	56.16 4.69 -14.88	65.39 5.10 -21.36	103.49 6.02 -51.13	79.44 6.15 -24.47	68.20 5.54 -16.88	50.81 4.91 -4.63	50.60 4.65 -4.77	49.20 4.03 -9.53	46.08 3.37 -9.06	45.09 2.95 -12.11
GLENWOOD_IC_3_G1 23689	43.53 3.18 -11.42	42.79 2.68 -12.83	38.31 2.44 -10.21	34.23 2.35 -7.15	31.65 2.28 -4.88	35.56 2.38 -7.07	38.04 2.87 -6.48	40.93 3.32 -5.73	43.50 3.72 -5.92	43.76 3.81 -6.22	47.00 4.17 -8.36	50.58 4.16 -12.05	53.34 4.42 -13.86	65.07 4.64 -23.94	56.16 4.69 -14.88	65.39 5.10 -21.36	103.49 6.02 -51.13	79.44 6.15 -24.47	68.20 5.54 -16.88	50.81 4.91 -4.63	50.60 4.65 -4.77	49.20 4.03 -9.53	46.08 3.37 -9.06	45.09 2.95 -12.11
GLENWOOD___4 23550	43.65 3.30 -11.42	42.84 2.73 -12.83	38.39 2.52 -10.21	34.30 2.42 -7.15	31.72 2.35 -4.88	35.64 2.45 -7.07	38.12 2.95 -6.48	41.03 3.41 -5.73	43.64 3.86 -5.92	43.83 3.88 -6.22	46.93 4.10 -8.36	50.68 4.26 -12.05	53.48 4.56 -13.86	65.11 4.67 -23.94	56.27 4.79 -14.88	65.47 5.18 -21.36	103.58 6.12 -51.13	79.54 6.25 -24.47	68.30 5.63 -16.88	50.85 4.95 -4.63	50.81 4.86 -4.77	49.34 4.17 -9.53	46.18 3.47 -9.06	45.21 3.06 -12.11
GLENWOOD___5 23614	43.65 3.30 -11.42	42.84 2.73 -12.83	38.39 2.52 -10.21	34.30 2.42 -7.15	31.72 2.35 -4.88	35.64 2.45 -7.07	38.12 2.95 -6.48	41.03 3.41 -5.73	43.64 3.86 -5.92	43.83 3.88 -6.22	46.93 4.10 -8.36	50.68 4.26 -12.05	53.48 4.56 -13.86	65.11 4.67 -23.94	56.27 4.79 -14.88	65.47 5.18 -21.36	103.58 6.12 -51.13	79.54 6.25 -24.47	68.30 5.63 -16.88	50.85 4.95 -4.63	50.81 4.86 -4.77	49.34 4.17 -9.53	46.18 3.47 -9.06	45.21 3.06 -12.11
GLOBAL GREEN_PORT_GT1 23814	44.05 3.70 -11.42	43.17 3.06 -12.83	38.65 2.77 -10.21	34.55 2.67 -7.15	31.94 2.57 -4.88	35.88 2.69 -7.07	38.38 3.21 -6.48	41.37 3.76 -5.73	44.25 4.47 -5.92	44.67 4.72 -6.22	48.24 5.41 -8.36	52.06 5.53 -12.16	54.75 5.82 -13.86	66.60 6.17 -23.94	65.26 6.11 -22.55	66.95 6.66 -21.36	105.45 7.97 -51.14	135.56 8.35 -78.39	132.55 7.60 -79.16	61.58 6.60 -13.71	55.64 6.26 -8.20	54.84 5.42 -13.79	47.12 4.41 -9.06	45.78 3.63 -12.11
GLOBE___DSASP 323697	26.90 -2.03 0.00	24.99 -2.29 0.00	23.54 -2.13 0.00	22.43 -2.30 0.00	22.31 -2.18 0.00	24.02 -2.09 0.00	26.82 -1.86 0.00	29.52 -2.36 0.00	31.08 -2.78 0.00	30.87 -2.87 0.00	31.81 -2.65 0.00	32.20 -2.17 0.00	33.20 -1.86 0.00	34.42 -2.08 0.00	33.78 -2.82 0.00	35.35 -3.58 0.00	42.07 -4.26 0.00	44.67 -4.15 0.00	41.90 -3.89 0.00	38.38 -2.89 0.00	39.73 -1.44 0.00	34.57 -1.07 0.00	32.72 -0.94 0.00	29.47 -0.57 0.00
GOETHSLN___LBMP 323567	31.71 2.78 0.00	29.50 2.21 0.00	27.70 2.03 0.00	26.68 1.95 0.00	26.37 1.89 0.00	28.05 1.93 0.00	31.09 2.41 0.00	34.75 2.87 0.00	37.11 3.25 0.00	37.04 3.31 0.00	38.43 3.45 -0.52	43.91 3.54 -6.01	45.73 3.89 -6.78	45.73 4.09 -5.15	46.56 4.14 -5.83	47.39 4.52 -3.94	51.57 5.24 0.00	53.99 5.17 0.00	50.46 4.67 0.00	45.44 4.17 0.00	44.96 3.79 0.00	38.96 3.31 0.00	36.52 2.86 0.00	32.56 2.52 0.00
GOLAH___69_KV_TB 1_2 80279	28.32 -0.61 0.00	26.36 -0.93 0.00	24.82 -0.85 0.00	23.71 -1.01 0.00	23.58 -0.91 0.00	25.33 -0.78 0.00	28.23 -0.46 0.00	31.28 -0.61 0.00	33.11 -0.74 0.00	32.89 -0.84 0.00	33.74 -0.72 0.00	33.96 -0.41 0.00	34.92 -0.14 0.00	36.21 -0.29 0.00	35.79 -0.81 0.00	37.69 -1.25 0.00	44.94 -1.39 0.00	47.55 -1.27 0.00	44.65 -1.14 0.00	40.61 -0.66 0.00	41.42 0.25 0.00	36.03 0.39 0.00	34.00 0.34 0.00	30.43 0.39 0.00

GOODYEAR_LAKE_HYD 323669	30.43 1.50 0.00	28.49 1.20 0.00	26.75 1.08 0.00	25.76 1.04 0.00	25.51 1.03 0.00	27.29 1.18 0.00	30.21 1.52 0.00	33.60 1.72 0.00	35.65 1.79 0.00	35.49 1.75 0.00	36.19 1.72 0.00	36.19 1.82 0.00	37.13 2.07 0.00	38.58 2.08 0.00	38.65 2.05 0.00	41.08 2.14 0.00	48.93 2.59 0.00	51.65 2.83 0.00	48.63 2.84 0.00	43.83 2.56 0.00	43.89 2.72 0.00	37.99 2.35 0.00	35.51 1.85 0.00	31.60 1.56 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.19 0.26 0.00	27.31 0.03 0.00	25.69 0.03 0.00	24.68 -0.05 0.00	24.44 -0.05 0.00	26.17 0.05 0.00	29.00 0.32 0.00	32.32 0.35 -0.09	34.40 0.30 -0.24	34.01 0.27 0.00	34.77 0.31 0.00	34.85 0.48 0.00	35.73 0.67 0.00	37.15 0.66 0.00	37.11 0.51 0.00	39.44 0.51 0.00	46.93 0.60 0.00	49.82 0.88 -0.13	46.57 0.78 0.00	42.37 0.83 -0.28	42.57 1.11 -0.28	36.64 1.00 0.00	34.40 0.74 0.00	30.73 0.69 0.00
GOUDEY___7 23579	29.22 0.29 0.00	27.34 0.05 0.00	25.72 0.05 0.00	24.70 -0.02 0.00	24.46 -0.02 0.00	26.19 0.08 0.00	29.03 0.34 0.00	32.36 0.38 -0.09	34.43 0.34 -0.24	34.07 0.34 0.00	34.84 0.38 0.00	34.88 0.52 0.00	35.76 0.70 0.00	37.19 0.69 0.00	37.14 0.55 0.00	39.48 0.55 0.00	46.98 0.65 0.00	49.87 0.93 -0.13	46.61 0.82 0.00	42.41 0.87 -0.28	42.61 1.15 -0.28	36.67 1.03 0.00	34.43 0.77 0.00	30.76 0.72 0.00
GOUDEY___8 23580	29.19 0.26 0.00	27.31 0.03 0.00	25.69 0.03 0.00	24.68 -0.05 0.00	24.44 -0.05 0.00	26.17 0.05 0.00	29.00 0.32 0.00	32.32 0.35 -0.09	34.40 0.30 -0.24	34.01 0.27 0.00	34.77 0.31 0.00	34.85 0.48 0.00	35.73 0.67 0.00	37.15 0.66 0.00	37.11 0.51 0.00	39.44 0.51 0.00	46.93 0.60 0.00	49.82 0.88 -0.13	46.57 0.78 0.00	42.37 0.83 -0.28	42.57 1.11 -0.28	36.64 1.00 0.00	34.40 0.74 0.00	30.73 0.69 0.00
GOWANUS_GT1_1 24077	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GOWANUS_GT1_2 24078	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GOWANUS_GT1_3 24079	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GOWANUS_GT1_4 24080	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GOWANUS_GT1_5 24084	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GOWANUS_GT1_6 24111	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GOWANUS_GT1_7 24112	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GOWANUS_GT1_8 24113	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GOWANUS_GT2_1 24114	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
GOWANUS_GT2_2 24115	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
GOWANUS_GT2_3 24116	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82

GOWANUS_GT2_4 24117	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
GOWANUS_GT2_5 24118	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
GOWANUS_GT2_6 24119	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
GOWANUS_GT2_7 24120	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
GOWANUS_GT2_8 24121	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
GOWANUS_GT3_1 24122	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
GOWANUS_GT3_2 24123	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
GOWANUS_GT3_3 24124	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
GOWANUS_GT3_4 24125	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
GOWANUS_GT3_5 24126	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
GOWANUS_GT3_6 24127	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
GOWANUS_GT3_7 24128	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
GOWANUS_GT3_8 24129	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
GOWANUS_GT4_1 24130	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GOWANUS_GT4_2 24131	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82

GOWANUS_GT4_3 24132	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GOWANUS_GT4_4 24133	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GOWANUS_GT4_5 24134	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GOWANUS_GT4_6 24135	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GOWANUS_GT4_7 24136	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GOWANUS_GT4_8 24137	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GREENBSH_115KV_TB3 55895	29.94 1.01 0.00	28.13 0.85 0.00	26.52 0.85 0.00	25.57 0.84 0.00	25.27 0.78 0.00	26.90 0.78 0.00	29.60 0.92 0.00	32.71 0.83 0.00	34.77 0.91 0.00	34.58 0.84 0.00	35.29 0.83 0.00	35.12 0.76 0.00	36.01 0.95 0.00	37.52 1.02 0.00	37.66 1.06 0.00	40.18 1.25 0.00	47.81 1.48 0.00	50.38 1.56 0.00	47.30 1.51 0.00	42.55 1.28 0.00	42.29 1.11 0.00	36.64 1.00 0.00	34.30 0.64 0.00	30.70 0.66 0.00
GREENDGE_115KV_TB5 80291	28.87 -0.06 0.00	26.93 -0.35 0.00	25.33 -0.33 0.00	24.26 -0.47 0.00	24.07 -0.42 0.00	25.85 -0.26 0.00	28.83 0.14 0.00	32.15 0.19 -0.08	34.08 0.03 -0.19	33.70 -0.03 0.00	34.50 0.03 0.00	34.61 0.24 0.00	35.31 0.25 0.00	36.68 0.18 0.00	36.45 -0.15 0.00	38.47 -0.47 0.00	45.87 -0.46 0.00	48.82 -0.10 -0.10	45.84 0.05 0.00	41.83 0.33 -0.23	42.39 0.99 -0.23	36.60 0.96 0.00	34.37 0.71 0.00	30.61 0.57 0.00
GREENIDGE___3 23582	28.87 -0.06 0.00	26.93 -0.35 0.00	25.33 -0.33 0.00	24.26 -0.47 0.00	24.07 -0.42 0.00	25.85 -0.26 0.00	28.83 0.14 0.00	32.15 0.19 -0.08	34.08 0.03 -0.19	33.70 -0.03 0.00	34.50 0.03 0.00	34.61 0.24 0.00	35.31 0.25 0.00	36.68 0.18 0.00	36.45 -0.15 0.00	38.47 -0.47 0.00	45.87 -0.46 0.00	48.82 -0.10 -0.10	45.84 0.05 0.00	41.83 0.33 -0.23	42.39 0.99 -0.23	36.60 0.96 0.00	34.37 0.71 0.00	30.61 0.57 0.00
GREENIDGE___4 23583	28.84 -0.09 0.00	26.96 -0.33 0.00	25.36 -0.31 0.00	24.26 -0.47 0.00	24.07 -0.42 0.00	25.85 -0.26 0.00	28.83 0.14 0.00	32.15 0.19 -0.08	34.08 0.03 -0.19	34.00 0.27 0.00	35.01 0.55 0.00	34.78 0.41 0.00	35.31 0.25 0.00	36.72 0.22 0.00	36.45 -0.15 0.00	38.47 -0.47 0.00	45.87 -0.46 0.00	48.82 -0.10 -0.10	45.84 0.05 0.00	41.83 0.33 -0.23	42.31 0.90 -0.23	36.57 0.93 0.00	34.37 0.71 0.00	30.64 0.60 0.00
GREENLWN_69_KV_BK 3 55738	43.18 2.84 -11.42	42.51 2.40 -12.83	38.08 2.21 -10.21	34.03 2.15 -7.15	31.45 2.08 -4.88	35.35 2.17 -7.07	37.78 2.61 -6.48	40.64 3.03 -5.73	43.16 3.39 -5.92	43.29 3.34 -6.22	46.27 3.45 -8.36	49.95 3.54 -12.04	52.84 3.93 -13.86	64.60 4.16 -23.94	54.04 4.25 -13.19	64.93 4.63 -21.36	102.93 5.47 -51.13	67.03 5.57 -12.64	54.04 5.04 -3.21	48.28 4.37 -2.64	49.62 3.99 -4.45	48.19 3.42 -9.13	45.61 2.89 -9.06	44.82 2.67 -12.11
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82
GRISSOM___SOLAR 323813	32.66 3.73 0.00	30.61 3.33 0.00	28.57 2.90 0.00	27.49 2.77 0.00	27.16 2.67 0.00	29.12 3.00 0.00	32.33 3.64 0.00	35.83 3.95 0.00	38.05 4.20 0.00	37.78 4.05 0.00	38.46 4.00 0.00	38.11 3.75 0.00	39.16 4.10 0.00	40.62 4.12 0.00	40.77 4.17 0.00	43.06 4.13 0.00	51.47 5.14 0.00	54.92 6.10 0.00	52.06 6.27 0.00	47.17 5.90 0.00	47.64 6.46 0.00	41.02 5.38 0.00	38.14 4.48 0.00	33.73 3.69 0.00
GROVEVILLE___HYD 323602	31.62 2.69 0.00	29.47 2.18 0.00	27.70 2.03 0.00	26.68 1.95 0.00	26.37 1.89 0.00	28.10 1.98 0.00	31.04 2.35 0.00	34.50 2.61 0.00	36.80 2.95 0.00	36.74 3.00 0.00	37.57 3.10 0.00	37.53 3.16 0.00	38.60 3.54 0.00	40.22 3.72 0.00	40.40 3.81 0.00	43.10 4.17 0.00	51.29 4.96 0.00	53.99 5.17 0.00	50.51 4.72 0.00	45.40 4.13 0.00	45.05 3.87 0.00	38.96 3.31 0.00	36.35 2.69 0.00	32.38 2.34 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.87 -0.06 0.00	27.09 -0.19 0.00	25.51 -0.15 0.00	24.50 -0.22 0.00	24.29 -0.20 0.00	25.93 -0.18 0.00	28.63 -0.06 0.00	32.13 0.00 -0.25	34.43 -0.07 -0.64	33.70 0.00 0.00	34.46 0.00 0.00	34.44 0.07 0.00	35.24 0.18 0.00	36.64 0.15 0.00	36.63 0.04 0.00	38.93 0.00 0.00	46.29 -0.05 0.00	49.21 0.05 -0.34	45.88 0.09 0.00	42.15 0.12 -0.75	42.26 0.33 -0.76	35.96 0.32 0.00	33.83 0.17 0.00	30.13 0.09 0.00

HAMLTNNY_34_KV_TB 80303	28.90 -0.03 0.00	27.09 -0.19 0.00	25.51 -0.15 0.00	24.50 -0.22 0.00	24.29 -0.20 0.00	25.96 -0.16 0.00	28.68 0.00 0.00	32.20 0.06 -0.25	34.51 0.00 -0.65	33.74 0.00 0.00	34.50 0.03 0.00	34.51 0.14 0.00	35.31 0.25 0.00	36.72 0.22 0.00	36.67 0.07 0.00	38.97 0.04 0.00	46.38 0.05 0.00	49.31 0.15 -0.35	45.97 0.18 0.00	42.29 0.25 -0.77	42.45 0.49 -0.78	36.10 0.46 0.00	33.96 0.30 0.00	30.22 0.18 0.00
HAMPSHIRE___PAPER_HYD 323593	28.27 -0.66 0.00	26.74 -0.55 0.00	25.15 -0.51 0.00	24.26 -0.47 0.00	24.07 -0.42 0.00	25.80 -0.31 0.00	28.37 -0.31 0.00	31.68 -0.29 -0.08	33.70 -0.37 -0.21	33.30 -0.44 0.00	33.78 -0.69 0.00	33.71 -0.65 0.00	34.18 -0.88 0.00	32.13 -0.95 3.42	30.19 -1.10 5.31	28.49 -1.21 9.23	32.59 -1.25 12.50	33.01 -1.27 14.54	42.47 -1.01 2.32	40.69 -0.83 -0.25	40.81 -0.62 -0.25	35.18 -0.46 0.00	33.36 -0.30 0.00	29.77 -0.27 0.00
HARDSCRABBLE_WT_PWR 323673	28.99 0.06 0.00	27.29 0.00 0.00	25.67 0.00 0.00	24.78 0.05 0.00	24.54 0.05 0.00	26.25 0.13 0.00	28.91 0.23 0.00	32.17 0.29 0.00	34.13 0.27 0.00	34.04 0.30 0.00	34.71 0.24 0.00	34.58 0.21 0.00	35.34 0.28 0.00	37.08 0.26 -0.32	37.35 0.26 -0.50	40.04 0.24 -0.87	47.88 0.37 -1.18	50.74 0.54 -1.38	46.65 0.64 -0.22	41.93 0.66 0.00	41.83 0.66 0.00	36.32 0.68 0.00	34.17 0.51 0.00	30.52 0.48 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.39 2.46 0.00	29.25 1.96 0.00	27.49 1.82 0.00	26.46 1.73 0.00	26.18 1.69 0.00	27.89 1.78 0.00	30.84 2.15 0.00	34.30 2.42 0.00	36.63 2.78 0.00	36.54 2.80 0.00	37.39 2.93 0.00	37.39 3.02 0.00	38.43 3.37 0.00	40.04 3.54 0.00	40.22 3.62 0.00	42.94 4.01 0.00	51.10 4.77 0.00	53.80 4.98 0.00	50.23 4.44 0.00	45.15 3.88 0.00	44.80 3.62 0.00	38.71 3.07 0.00	36.15 2.49 0.00	32.20 2.16 0.00
HARSNRAD_115KV_TB1 81005	27.66 -1.27 0.00	25.68 -1.61 0.00	24.20 -1.46 0.00	23.04 -1.68 0.00	22.92 -1.57 0.00	24.70 -1.41 0.00	27.54 -1.15 0.00	30.32 -1.56 0.00	31.96 -1.90 0.00	31.71 -2.02 0.00	32.71 -1.76 0.00	33.06 -1.31 0.00	34.11 -0.95 0.00	35.40 -1.09 0.00	34.69 -1.90 0.00	36.36 -2.57 0.00	43.27 -3.06 0.00	45.99 -2.83 0.00	43.13 -2.66 0.00	39.50 -1.77 0.00	40.80 -0.37 0.00	35.53 -0.11 0.00	33.59 -0.07 0.00	30.22 0.18 0.00
HARZA MOOSE___RIVER 24016	29.28 0.35 0.00	27.50 0.22 0.00	25.87 0.21 0.00	24.95 0.22 0.00	24.71 0.22 0.00	26.56 0.44 0.00	29.34 0.66 0.00	32.72 0.77 -0.07	34.81 0.78 -0.18	34.48 0.74 0.00	35.05 0.59 0.00	34.99 0.62 0.00	35.55 0.49 0.00	36.23 0.44 0.71	35.86 0.37 1.10	37.37 0.35 1.92	44.61 0.88 2.60	46.94 1.07 2.95	46.54 1.24 0.48	42.64 1.16 -0.21	42.75 1.36 -0.21	36.89 1.25 0.00	34.57 0.91 0.00	30.79 0.75 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.67 -0.26 0.00	26.90 -0.38 0.00	25.33 -0.33 0.00	24.35 -0.37 0.00	24.14 -0.34 0.00	25.77 -0.34 0.00	28.46 -0.23 0.00	31.79 -0.22 -0.13	33.93 -0.27 -0.35	33.50 -0.24 0.00	34.26 -0.21 0.00	34.23 -0.14 0.00	35.03 -0.04 0.00	36.46 -0.04 0.00	36.41 -0.18 0.00	38.70 -0.23 0.00	46.01 -0.32 0.00	48.71 -0.29 -0.18	45.56 -0.23 0.00	41.51 -0.17 -0.41	41.63 0.04 -0.41	35.75 0.11 0.00	33.63 -0.03 0.00	29.95 -0.09 0.00
HELLGATE_13_KV_LD 55870	31.95 3.01 -0.01	29.71 2.43 0.00	27.93 2.26 -0.01	26.93 2.20 -0.01	26.62 2.13 -0.01	28.15 2.04 0.00	31.24 2.55 0.00	34.91 3.03 0.00	37.31 3.45 0.00	39.91 3.54 -2.63	43.95 3.69 -5.80	44.30 3.75 -6.19	46.15 4.10 -6.99	46.11 4.31 -5.30	46.89 4.28 -6.01	47.67 4.67 -4.07	51.75 5.42 0.00	54.19 5.37 0.00	50.60 4.81 0.00	45.77 4.50 0.00	45.29 4.12 0.00	39.24 3.60 0.00	36.80 3.13 -0.01	32.74 2.70 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.95 3.01 -0.01	29.71 2.43 0.00	27.93 2.26 -0.01	26.93 2.20 -0.01	26.62 2.13 -0.01	28.15 2.04 0.00	31.24 2.55 0.00	34.91 3.03 0.00	37.31 3.45 0.00	39.91 3.54 -2.63	43.95 3.69 -5.80	44.30 3.75 -6.19	46.15 4.10 -6.99	46.11 4.31 -5.30	46.89 4.28 -6.01	47.67 4.67 -4.07	51.75 5.42 0.00	54.19 5.37 0.00	50.60 4.81 0.00	45.77 4.50 0.00	45.29 4.12 0.00	39.24 3.60 0.00	36.80 3.13 -0.01	32.74 2.70 0.00
HEMPSTEAD____ 23647	43.48 3.13 -11.42	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.60 2.23 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.87 3.25 -5.73	43.44 3.66 -5.92	43.66 3.71 -6.22	46.86 4.03 -8.36	50.44 4.02 -12.05	53.23 4.31 -13.86	64.89 4.45 -23.94	56.05 4.57 -14.88	65.28 4.98 -21.36	103.30 5.84 -51.13	79.24 5.95 -24.47	68.07 5.40 -16.88	50.64 4.74 -4.63	50.48 4.53 -4.77	49.09 3.92 -9.53	45.98 3.26 -9.06	45.00 2.86 -12.11
HEWLETT_69_KV_BK3 55828	43.79 3.44 -11.42	42.98 2.87 -12.83	38.52 2.64 -10.21	34.40 2.52 -7.15	31.82 2.45 -4.88	35.75 2.56 -7.07	38.24 3.07 -6.48	41.12 3.51 -5.73	43.71 3.93 -5.92	43.93 3.98 -6.22	47.03 4.20 -8.36	50.79 4.36 -12.05	53.65 4.73 -13.86	65.44 5.00 -23.94	56.34 4.87 -14.88	65.59 5.30 -21.36	103.72 6.25 -51.13	79.74 6.44 -24.47	68.53 5.86 -16.88	51.26 5.37 -4.63	50.97 5.02 -4.77	49.49 4.31 -9.53	46.35 3.64 -9.06	45.33 3.18 -12.11
HICKLING___1 23621	28.90 -0.03 0.00	26.96 -0.33 0.00	25.33 -0.33 0.00	24.26 -0.47 0.00	24.05 -0.44 0.00	25.85 -0.26 0.00	28.80 0.11 0.00	32.08 0.13 -0.08	33.98 -0.07 -0.19	33.67 -0.07 0.00	34.50 0.03 0.00	34.64 0.27 0.00	35.55 0.49 0.00	36.94 0.44 0.00	36.71 0.11 0.00	38.93 0.00 0.00	46.38 0.05 0.00	49.46 0.54 -0.10	46.25 0.46 0.00	42.20 0.70 -0.23	42.72 1.32 -0.23	36.85 1.21 0.00	34.60 0.94 0.00	30.94 0.90 0.00
HICKLING___2 23622	28.90 -0.03 0.00	26.96 -0.33 0.00	25.33 -0.33 0.00	24.26 -0.47 0.00	24.05 -0.44 0.00	25.85 -0.26 0.00	28.80 0.11 0.00	32.08 0.13 -0.08	33.98 -0.07 -0.19	33.67 -0.07 0.00	34.50 0.03 0.00	34.64 0.27 0.00	35.55 0.49 0.00	36.94 0.44 0.00	36.71 0.11 0.00	38.93 0.00 0.00	46.38 0.05 0.00	49.46 0.54 -0.10	46.25 0.46 0.00	42.20 0.70 -0.23	42.72 1.32 -0.23	36.85 1.21 0.00	34.60 0.94 0.00	30.94 0.90 0.00
HIGH FALLS___HY 23754	31.53 2.60 0.00	29.33 2.05 0.00	27.57 1.90 0.00	26.53 1.80 0.00	26.25 1.76 0.00	27.97 1.85 0.00	30.92 2.24 0.00	34.40 2.52 0.00	36.70 2.84 0.00	36.60 2.87 0.00	37.46 3.00 0.00	37.50 3.13 0.00	38.53 3.47 0.00	39.93 3.43 0.00	40.15 3.55 0.00	42.87 3.93 0.00	51.06 4.73 0.00	53.80 4.98 0.00	50.28 4.49 0.00	45.19 3.92 0.00	44.84 3.66 0.00	38.96 3.31 0.00	36.35 2.69 0.00	32.35 2.31 0.00
HIGH_RIVER___SOLAR 323847	30.46 1.53 0.00	28.57 1.28 0.00	26.85 1.18 0.00	25.86 1.14 0.00	25.59 1.10 0.00	27.29 1.18 0.00	30.12 1.43 0.00	33.41 1.53 0.00	35.48 1.63 0.00	35.29 1.55 0.00	36.02 1.55 0.00	35.91 1.55 0.00	36.81 1.75 0.00	38.29 1.79 0.00	38.43 1.83 0.00	40.84 1.91 0.00	48.65 2.32 0.00	51.41 2.59 0.00	48.35 2.56 0.00	43.62 2.35 0.00	43.56 2.39 0.00	37.67 2.03 0.00	35.28 1.62 0.00	31.42 1.38 0.00

HILLBURN___GT 23639	31.39 2.46 0.00	29.28 1.99 0.00	27.49 1.82 0.00	26.48 1.76 0.00	26.17 1.69 0.00	27.89 1.78 0.00	30.86 2.18 0.00	34.40 2.52 0.00	36.73 2.88 0.00	36.67 2.93 0.00	37.70 3.24 0.00	37.56 3.20 0.00	38.57 3.51 0.00	40.18 3.68 0.00	40.37 3.77 0.00	43.10 4.17 0.00	51.24 4.91 0.00	53.90 5.08 0.00	50.28 4.49 0.00	45.19 3.92 0.00	44.84 3.66 0.00	38.74 3.10 0.00	36.19 2.53 0.00	32.23 2.19 0.00
HILLSIDE_115KV_TB1 80332	28.55 -0.38 0.00	26.66 -0.63 0.00	25.08 -0.59 0.00	24.01 -0.72 0.00	23.80 -0.69 0.00	25.57 -0.55 0.00	28.46 -0.23 0.00	31.67 -0.29 -0.08	33.62 -0.44 -0.20	33.26 -0.47 0.00	34.05 -0.41 0.00	34.20 -0.17 0.00	35.13 0.07 0.00	36.50 0.00 0.00	36.34 -0.26 0.00	38.54 -0.39 0.00	45.91 -0.42 0.00	48.93 0.00 -0.11	45.70 -0.09 0.00	41.63 0.12 -0.24	42.07 0.66 -0.24	36.28 0.64 0.00	34.03 0.37 0.00	30.49 0.45 0.00
HISHELDN_WT_PWR 323625	27.89 -1.04 0.00	26.00 -1.28 0.00	24.46 -1.21 0.00	23.27 -1.46 0.00	23.14 -1.35 0.00	24.91 -1.20 0.00	27.83 -0.86 0.00	30.70 -1.18 0.00	32.37 -1.49 0.00	32.65 -1.08 0.00	34.02 -0.45 0.00	33.71 -0.65 0.00	34.43 -0.63 0.00	35.80 -0.69 0.00	35.17 -1.43 0.00	37.03 -1.91 0.00	44.06 -2.27 0.00	46.96 -1.86 0.00	44.14 -1.65 0.00	40.32 -0.95 0.00	41.30 0.12 0.00	35.92 0.28 0.00	33.93 0.27 0.00	30.61 0.57 0.00
HOLTSVILLE_IC_1 23690	43.59 3.24 -11.42	42.84 2.73 -12.83	38.39 2.52 -10.21	34.33 2.45 -7.15	31.74 2.37 -4.88	35.67 2.48 -7.07	38.15 2.98 -6.48	41.06 3.44 -5.73	43.57 3.79 -5.92	43.83 3.88 -6.22	47.10 4.27 -8.36	50.65 4.12 -12.16	53.34 4.42 -13.86	65.07 4.64 -23.94	63.74 4.76 -22.39	65.39 5.10 -21.36	103.50 6.02 -51.14	132.30 6.20 -77.28	129.25 5.58 -77.88	59.74 4.95 -13.52	54.04 4.69 -8.17	53.38 3.99 -13.75	46.18 3.47 -9.06	45.15 3.00 -12.11
HOLTSVILLE_IC_10 23699	43.76 3.41 -11.42	42.98 2.86 -12.83	38.52 2.64 -10.21	34.43 2.55 -7.15	31.87 2.50 -4.88	35.80 2.61 -7.07	38.30 3.13 -6.48	41.22 3.60 -5.73	43.81 4.03 -5.92	44.07 4.11 -6.22	47.34 4.51 -8.36	50.97 4.44 -12.17	53.66 4.73 -13.86	65.44 5.00 -23.94	64.66 5.09 -22.98	65.75 5.45 -21.36	103.96 6.49 -51.15	136.89 6.64 -81.43	134.45 6.00 -82.67	60.81 5.33 -14.22	54.54 5.06 -8.30	53.86 4.31 -13.91	46.42 3.70 -9.06	45.33 3.18 -12.11
HOLTSVILLE_IC_2 23691	43.59 3.24 -11.42	42.84 2.73 -12.83	38.39 2.52 -10.21	34.33 2.45 -7.15	31.74 2.37 -4.88	35.67 2.48 -7.07	38.15 2.98 -6.48	41.06 3.44 -5.73	43.57 3.79 -5.92	43.83 3.88 -6.22	47.10 4.27 -8.36	50.65 4.12 -12.16	53.34 4.42 -13.86	65.07 4.64 -23.94	63.74 4.76 -22.39	65.39 5.10 -21.36	103.50 6.02 -51.14	132.30 6.20 -77.28	129.25 5.58 -77.88	59.74 4.95 -13.52	54.04 4.69 -8.17	53.38 3.99 -13.75	46.18 3.47 -9.06	45.15 3.00 -12.11
HOLTSVILLE_IC_3 23692	43.59 3.24 -11.42	42.84 2.73 -12.83	38.39 2.52 -10.21	34.33 2.45 -7.15	31.74 2.37 -4.88	35.67 2.48 -7.07	38.15 2.98 -6.48	41.06 3.44 -5.73	43.57 3.79 -5.92	43.83 3.88 -6.22	47.10 4.27 -8.36	50.65 4.12 -12.16	53.34 4.42 -13.86	65.07 4.64 -23.94	63.74 4.76 -22.39	65.39 5.10 -21.36	103.50 6.02 -51.14	132.30 6.20 -77.28	129.25 5.58 -77.88	59.74 4.95 -13.52	54.04 4.69 -8.17	53.38 3.99 -13.75	46.18 3.47 -9.06	45.15 3.00 -12.11
HOLTSVILLE_IC_4 23693	43.59 3.24 -11.42	42.84 2.73 -12.83	38.39 2.52 -10.21	34.33 2.45 -7.15	31.74 2.37 -4.88	35.67 2.48 -7.07	38.15 2.98 -6.48	41.06 3.44 -5.73	43.57 3.79 -5.92	43.83 3.88 -6.22	47.10 4.27 -8.36	50.65 4.12 -12.16	53.34 4.42 -13.86	65.07 4.64 -23.94	63.74 4.76 -22.39	65.39 5.10 -21.36	103.50 6.02 -51.14	132.30 6.20 -77.28	129.25 5.58 -77.88	59.74 4.95 -13.52	54.04 4.69 -8.17	53.38 3.99 -13.75	46.18 3.47 -9.06	45.15 3.00 -12.11
HOLTSVILLE_IC_5 23694	43.59 3.24 -11.42	42.84 2.73 -12.83	38.39 2.52 -10.21	34.33 2.45 -7.15	31.74 2.37 -4.88	35.67 2.48 -7.07	38.15 2.98 -6.48	41.06 3.44 -5.73	43.57 3.79 -5.92	43.83 3.88 -6.22	47.10 4.27 -8.36	50.65 4.12 -12.16	53.34 4.42 -13.86	65.07 4.64 -23.94	63.74 4.76 -22.39	65.39 5.10 -21.36	103.50 6.02 -51.14	132.30 6.20 -77.28	129.25 5.58 -77.88	59.74 4.95 -13.52	54.04 4.69 -8.17	53.38 3.99 -13.75	46.18 3.47 -9.06	45.15 3.00 -12.11
HOLTSVILLE_IC_6 23695	43.76 3.41 -11.42	42.98 2.86 -12.83	38.52 2.64 -10.21	34.43 2.55 -7.15	31.87 2.50 -4.88	35.80 2.61 -7.07	38.30 3.13 -6.48	41.22 3.60 -5.73	43.81 4.03 -5.92	44.07 4.11 -6.22	47.34 4.51 -8.36	50.97 4.44 -12.17	53.66 4.73 -13.86	65.44 5.00 -23.94	64.66 5.09 -22.98	65.75 5.45 -21.36	103.96 6.49 -51.15	136.89 6.64 -81.43	134.45 6.00 -82.67	60.81 5.33 -14.22	54.54 5.06 -8.30	53.86 4.31 -13.91	46.42 3.70 -9.06	45.33 3.18 -12.11
HOLTSVILLE_IC_7 23696	43.76 3.41 -11.42	42.98 2.86 -12.83	38.52 2.64 -10.21	34.43 2.55 -7.15	31.87 2.50 -4.88	35.80 2.61 -7.07	38.30 3.13 -6.48	41.22 3.60 -5.73	43.81 4.03 -5.92	44.07 4.11 -6.22	47.34 4.51 -8.36	50.97 4.44 -12.17	53.66 4.73 -13.86	65.44 5.00 -23.94	64.66 5.09 -22.98	65.75 5.45 -21.36	103.96 6.49 -51.15	136.89 6.64 -81.43	134.45 6.00 -82.67	60.81 5.33 -14.22	54.54 5.06 -8.30	53.86 4.31 -13.91	46.42 3.70 -9.06	45.33 3.18 -12.11
HOLTSVILLE_IC_8 23697	43.76 3.41 -11.42	42.98 2.86 -12.83	38.52 2.64 -10.21	34.43 2.55 -7.15	31.87 2.50 -4.88	35.80 2.61 -7.07	38.30 3.13 -6.48	41.22 3.60 -5.73	43.81 4.03 -5.92	44.07 4.11 -6.22	47.34 4.51 -8.36	50.97 4.44 -12.17	53.66 4.73 -13.86	65.44 5.00 -23.94	64.66 5.09 -22.98	65.75 5.45 -21.36	103.96 6.49 -51.15	136.89 6.64 -81.43	134.45 6.00 -82.67	60.81 5.33 -14.22	54.54 5.06 -8.30	53.86 4.31 -13.91	46.42 3.70 -9.06	45.33 3.18 -12.11
HOLTSVILLE_IC_9 23698	43.76 3.41 -11.42	42.98 2.86 -12.83	38.52 2.64 -10.21	34.43 2.55 -7.15	31.87 2.50 -4.88	35.80 2.61 -7.07	38.30 3.13 -6.48	41.22 3.60 -5.73	43.81 4.03 -5.92	44.07 4.11 -6.22	47.34 4.51 -8.36	50.97 4.44 -12.17	53.66 4.73 -13.86	65.44 5.00 -23.94	64.66 5.09 -22.98	65.75 5.45 -21.36	103.96 6.49 -51.15	136.89 6.64 -81.43	134.45 6.00 -82.67	60.81 5.33 -14.22	54.54 5.06 -8.30	53.86 4.31 -13.91	46.42 3.70 -9.06	45.33 3.18 -12.11
HOMER_HL_115KV_TB2 355744	28.24 -0.69 0.00	26.25 -1.04 0.00	24.67 -1.00 0.00	23.49 -1.24 0.00	23.34 -1.15 0.00	25.20 -0.91 0.00	28.25 -0.43 0.00	31.28 -0.61 0.00	33.04 -0.81 0.00	32.82 -0.91 0.00	33.74 -0.72 0.00	33.99 -0.38 0.00	34.96 -0.11 0.00	36.35 -0.15 0.00	35.97 -0.62 0.00	37.96 -0.97 0.00	45.22 -1.11 0.00	48.38 -0.44 0.00	45.15 -0.64 0.00	41.06 -0.21 0.00	41.88 0.70 0.00	36.39 0.75 0.00	34.13 0.47 0.00	30.79 0.75 0.00
HOWARD_WT_PWR 323690	28.27 -0.66 0.00	26.47 -0.82 0.00	24.90 -0.77 0.00	23.74 -0.99 0.00	23.56 -0.93 0.00	25.41 -0.70 0.00	28.43 -0.26 0.00	32.54 0.60 -0.06	34.24 0.24 -0.14	34.04 0.30 0.00	35.15 0.69 0.00	34.58 0.21 0.00	35.20 0.14 0.00	36.39 -0.11 0.00	35.68 -0.91 0.00	37.61 -1.32 0.00	44.80 -1.53 0.00	47.97 -0.93 -0.08	45.19 -0.60 0.00	41.56 0.12 -0.17	42.41 1.07 -0.17	36.60 0.96 0.00	34.44 0.77 0.00	30.85 0.81 0.00

HQ_GEN_CEDARS 23644	27.80 -1.13 0.00	26.52 -0.76 0.00	24.92 -0.74 0.00	24.03 -0.69 0.00	23.83 -0.66 0.00	25.36 -0.76 0.00	27.71 -0.98 0.00	30.83 -1.05 0.00	32.70 -1.15 0.00	32.66 -1.08 0.00	33.22 -1.24 0.00	33.03 -1.34 0.00	33.44 -1.61 0.01	28.75 -1.64 6.11	25.45 -1.65 9.50	20.82 -1.60 16.51	21.89 -2.08 22.35	20.27 -2.34 26.21	39.40 -2.24 4.14	39.25 -2.02 0.00	39.20 -1.98 0.00	33.89 -1.75 0.00	32.42 -1.25 0.00	28.96 -1.08 0.00
HQ_GEN_CEDARS_PROXY 323590	27.68 -1.13 0.12	26.62 -0.79 -0.12	24.92 -0.75 0.00	24.03 -0.69 0.00	23.83 -0.66 0.00	25.36 -0.76 0.00	27.71 -0.98 0.00	30.83 -1.05 0.00	32.70 -1.15 0.00	32.52 -1.21 0.00	32.91 -1.55 0.00	32.93 -1.44 0.00	33.44 -1.61 0.01	28.30 -1.64 6.56	25.64 -1.65 9.31	21.08 -1.60 16.26	21.08 -2.08 23.17	21.08 -2.34 25.40	39.65 -2.24 3.89	40.31 -2.02 -1.06	37.89 -1.98 1.31	33.89 -1.75 0.00	32.42 -1.24 0.00	28.96 -1.08 0.00
HQ_GEN_IMPORT 323601	28.17 -0.64 0.12	27.00 -0.41 -0.12	25.28 -0.38 0.00	24.38 -0.35 0.00	24.17 -0.32 0.00	25.72 -0.39 0.00	28.11 -0.57 0.00	31.24 -0.64 0.00	33.18 -0.68 0.00	32.99 -0.74 0.00	33.50 -0.96 0.00	33.51 -0.86 0.00	34.04 -1.02 0.00	33.52 -1.06 1.92	33.52 -0.99 2.09	34.13 -1.09 3.71	38.85 -1.30 6.18	41.97 -1.37 5.48	43.72 -1.33 0.74	41.13 -1.20 -1.06	38.63 -1.23 1.31	34.57 -1.07 0.00	32.95 -0.71 0.00	29.41 -0.63 0.00
HQ_GEN_WHEEL 23651	28.17 -0.64 0.12	27.00 -0.41 -0.12	25.28 -0.38 0.00	24.38 -0.35 0.00	24.17 -0.32 0.00	25.72 -0.39 0.00	28.11 -0.57 0.00	31.24 -0.64 0.00	33.18 -0.68 0.00	32.99 -0.74 0.00	33.50 -0.96 0.00	33.51 -0.86 0.00	34.04 -1.02 0.00	33.52 -1.06 1.92	33.52 -0.99 2.09	34.13 -1.09 3.71	38.85 -1.30 6.18	41.97 -1.37 5.48	43.72 -1.33 0.74	41.13 -1.20 -1.06	38.63 -1.23 1.31	34.57 -1.07 0.00	32.95 -0.71 0.00	29.41 -0.63 0.00
HUDSON AVE_GT_3 23810	31.88 2.95 0.00	29.69 2.40 0.00	27.88 2.21 0.00	26.85 2.13 0.00	26.54 2.06 0.00	28.23 2.12 0.00	31.30 2.61 0.00	34.94 3.06 0.00	37.31 3.45 0.00	37.28 3.54 0.00	38.67 3.69 -0.52	44.19 3.81 -6.01	46.01 4.17 -6.78	45.99 4.34 -5.15	46.85 4.43 -5.83	47.71 4.83 -3.94	51.94 5.61 0.00	54.43 5.61 0.00	50.87 5.08 0.00	45.77 4.50 0.00	45.33 4.16 0.00	39.24 3.60 0.00	36.72 3.06 0.00	32.74 2.70 0.00
HUDSON AVE_GT_4 23540	31.88 2.95 0.00	29.69 2.40 0.00	27.88 2.21 0.00	26.85 2.13 0.00	26.54 2.06 0.00	28.23 2.12 0.00	31.30 2.61 0.00	34.94 3.06 0.00	37.31 3.45 0.00	37.28 3.54 0.00	38.67 3.69 -0.52	44.19 3.81 -6.01	46.01 4.17 -6.78	45.99 4.34 -5.15	46.85 4.43 -5.83	47.71 4.83 -3.94	51.94 5.61 0.00	54.43 5.61 0.00	50.87 5.08 0.00	45.77 4.50 0.00	45.33 4.16 0.00	39.24 3.60 0.00	36.72 3.06 0.00	32.74 2.70 0.00
HUDSON AVE_GT_5 23657	31.88 2.95 0.00	29.69 2.40 0.00	27.88 2.21 0.00	26.85 2.13 0.00	26.54 2.06 0.00	28.23 2.12 0.00	31.30 2.61 0.00	34.94 3.06 0.00	37.31 3.45 0.00	37.28 3.54 0.00	38.67 3.69 -0.52	44.19 3.81 -6.01	46.01 4.17 -6.78	45.99 4.34 -5.15	46.85 4.43 -5.83	47.71 4.83 -3.94	51.94 5.61 0.00	54.43 5.61 0.00	50.87 5.08 0.00	45.77 4.50 0.00	45.33 4.16 0.00	39.24 3.60 0.00	36.72 3.06 0.00	32.74 2.70 0.00
HUDSON_AVE_10 24168	31.82 2.89 0.00	29.61 2.32 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.49 2.01 0.00	28.15 2.04 0.00	31.24 2.55 0.00	34.85 2.96 0.00	37.24 3.39 0.00	37.18 3.44 0.00	38.60 3.62 -0.52	44.15 3.78 -6.01	45.98 4.14 -6.78	45.95 4.31 -5.15	46.78 4.35 -5.83	47.67 4.79 -3.94	51.85 5.51 0.00	54.29 5.47 0.00	50.74 4.95 0.00	45.64 4.37 0.00	45.21 4.04 0.00	39.17 3.53 0.00	36.66 3.00 0.00	32.68 2.64 0.00
HUDSON___115KV_TB 4 355613	30.55 1.62 0.00	28.68 1.39 0.00	27.00 1.33 0.00	26.01 1.29 0.00	25.71 1.22 0.00	27.39 1.28 0.00	30.18 1.49 0.00	33.22 1.34 0.00	35.28 1.42 0.00	35.02 1.28 0.00	35.60 1.14 0.00	35.36 1.00 0.00	36.29 1.23 0.00	37.81 1.31 0.00	37.95 1.35 0.00	40.49 1.56 0.00	48.28 1.95 0.00	51.06 2.25 0.00	48.08 2.29 0.00	43.29 2.02 0.00	43.15 1.98 0.00	37.42 1.78 0.00	34.97 1.31 0.00	31.24 1.20 0.00
HUNTER MOUNT___DRP 323613	30.64 1.71 0.00	28.73 1.45 0.00	27.11 1.44 0.00	26.09 1.36 0.00	25.78 1.30 0.00	27.47 1.36 0.00	30.23 1.55 0.00	33.19 1.31 0.00	35.21 1.35 0.00	34.92 1.18 0.00	35.50 1.03 0.00	35.16 0.79 0.00	36.11 1.05 0.00	37.67 1.17 0.00	37.80 1.21 0.00	40.30 1.36 0.00	48.09 1.76 0.00	51.02 2.20 0.00	48.08 2.29 0.00	43.29 2.02 0.00	43.23 2.06 0.00	37.53 1.89 0.00	35.01 1.35 0.00	31.30 1.26 0.00
HUNTINGTON_RES_REC 323705	43.45 3.10 -11.42	42.73 2.62 -12.83	38.29 2.41 -10.21	34.20 2.32 -7.15	31.62 2.25 -4.88	35.54 2.35 -7.07	38.01 2.84 -6.48	40.90 3.28 -5.73	43.44 3.66 -5.92	43.63 3.68 -6.22	46.86 4.03 -8.36	50.41 3.98 -12.05	53.23 4.31 -13.86	65.00 4.56 -23.94	75.20 4.69 -33.92	65.32 5.02 -21.36	103.48 5.98 -51.17	213.17 6.10 -158.25	222.68 5.49 -171.40	73.30 4.87 -27.16	50.58 4.53 -4.88	49.15 3.85 -9.66	45.98 3.26 -9.06	45.06 2.91 -12.11
HUNTLEY___63 23557	27.80 -1.13 0.00	25.79 -1.50 0.00	24.31 -1.36 0.00	23.14 -1.58 0.00	23.02 -1.47 0.00	24.78 -1.33 0.00	27.71 -0.98 0.00	30.57 -1.31 0.00	32.20 -1.66 0.00	31.98 -1.75 0.00	32.98 -1.48 0.00	33.34 -1.03 0.00	34.36 -0.70 0.00	35.70 -0.80 0.00	35.02 -1.57 0.00	36.71 -2.22 0.00	43.69 -2.64 0.00	46.43 -2.39 0.00	43.55 -2.24 0.00	39.83 -1.44 0.00	41.13 -0.04 0.00	35.78 0.14 0.00	33.83 0.17 0.00	30.46 0.42 0.00
HUNTLEY___64 23558	27.80 -1.13 0.00	25.79 -1.50 0.00	24.31 -1.36 0.00	23.14 -1.58 0.00	23.02 -1.47 0.00	24.78 -1.33 0.00	27.71 -0.98 0.00	30.57 -1.31 0.00	32.20 -1.66 0.00	31.98 -1.75 0.00	32.98 -1.48 0.00	33.34 -1.03 0.00	34.36 -0.70 0.00	35.70 -0.80 0.00	35.02 -1.57 0.00	36.71 -2.22 0.00	43.69 -2.64 0.00	46.43 -2.39 0.00	43.55 -2.24 0.00	39.83 -1.44 0.00	41.13 -0.04 0.00	35.78 0.14 0.00	33.83 0.17 0.00	30.46 0.42 0.00
HUNTLEY___65 23559	27.80 -1.13 0.00	25.79 -1.50 0.00	24.31 -1.36 0.00	23.14 -1.58 0.00	23.02 -1.47 0.00	24.78 -1.33 0.00	27.71 -0.98 0.00	30.57 -1.31 0.00	32.20 -1.66 0.00	31.98 -1.75 0.00	32.98 -1.48 0.00	33.34 -1.03 0.00	34.36 -0.70 0.00	35.70 -0.80 0.00	35.02 -1.57 0.00	36.71 -2.22 0.00	43.69 -2.64 0.00	46.43 -2.39 0.00	43.55 -2.24 0.00	39.83 -1.44 0.00	41.13 -0.04 0.00	35.78 0.14 0.00	33.83 0.17 0.00	30.46 0.42 0.00
HUNTLEY___66 23560	27.80 -1.13 0.00	25.79 -1.50 0.00	24.31 -1.36 0.00	23.14 -1.58 0.00	23.02 -1.47 0.00	24.78 -1.33 0.00	27.71 -0.98 0.00	30.57 -1.31 0.00	32.20 -1.66 0.00	31.98 -1.75 0.00	32.98 -1.48 0.00	33.34 -1.03 0.00	34.36 -0.70 0.00	35.70 -0.80 0.00	35.02 -1.57 0.00	36.71 -2.22 0.00	43.69 -2.64 0.00	46.43 -2.39 0.00	43.55 -2.24 0.00	39.83 -1.44 0.00	41.13 -0.04 0.00	35.78 0.14 0.00	33.83 0.17 0.00	30.46 0.42 0.00



HUNTLEY___67 23561	27.66 -1.27 0.00	25.68 -1.61 0.00	24.20 -1.46 0.00	23.04 -1.68 0.00	22.92 -1.57 0.00	24.68 -1.44 0.00	27.59 -1.09 0.00	30.38 -1.50 0.00	32.03 -1.83 0.00	31.81 -1.92 0.00	32.81 -1.65 0.00	33.17 -1.20 0.00	34.18 -0.88 0.00	35.44 -1.06 0.00	34.84 -1.76 0.00	36.56 -2.37 0.00	43.51 -2.83 0.00	46.28 -2.54 0.00	43.36 -2.43 0.00	39.66 -1.61 0.00	40.89 -0.29 0.00	35.60 -0.04 0.00	33.63 -0.03 0.00	30.28 0.24 0.00
HUNTLEY___68 23562	27.66 -1.27 0.00	25.68 -1.61 0.00	24.20 -1.46 0.00	23.04 -1.68 0.00	22.92 -1.57 0.00	24.68 -1.44 0.00	27.59 -1.09 0.00	30.38 -1.50 0.00	32.03 -1.83 0.00	31.81 -1.92 0.00	32.81 -1.65 0.00	33.17 -1.20 0.00	34.18 -0.88 0.00	35.44 -1.06 0.00	34.84 -1.76 0.00	36.56 -2.37 0.00	43.51 -2.83 0.00	46.28 -2.54 0.00	43.36 -2.43 0.00	39.66 -1.61 0.00	40.89 -0.29 0.00	35.60 -0.04 0.00	33.63 -0.03 0.00	30.28 0.24 0.00
HYLAND___LFGE 323620	29.51 0.58 0.00	27.48 0.19 0.00	25.82 0.15 0.00	24.60 -0.12 0.00	24.46 -0.02 0.00	26.37 0.26 0.00	29.43 0.74 0.00	32.36 0.48 0.00	33.55 -0.31 0.00	33.46 -0.27 0.00	34.09 -0.38 0.00	33.64 -0.72 0.00	34.32 -0.74 0.00	35.77 -0.73 0.00	35.68 -0.91 0.00	37.80 -1.13 0.00	45.31 -1.02 0.00	48.62 -0.19 0.00	46.52 0.73 0.00	42.75 1.48 0.00	43.89 2.72 0.00	38.07 2.42 0.00	35.78 2.12 0.00	31.90 1.86 0.00
INDECK___CORINTH 23802	30.64 1.71 0.00	28.76 1.47 0.00	26.90 1.23 0.00	25.94 1.21 0.00	25.64 1.15 0.00	27.37 1.25 0.00	30.23 1.55 0.00	33.41 1.53 0.00	35.65 1.79 0.00	35.52 1.79 0.00	35.98 1.51 0.00	35.74 1.38 0.00	36.36 1.30 0.00	37.81 1.31 0.00	37.91 1.32 0.00	40.26 1.32 0.00	47.91 1.58 0.00	50.82 2.00 0.00	48.22 2.43 0.00	43.46 2.19 0.00	43.73 2.55 0.00	37.74 2.10 0.00	35.21 1.55 0.00	31.33 1.29 0.00
INDECK___ILION 23567	29.22 0.29 0.00	27.50 0.22 0.00	25.87 0.21 0.00	24.95 0.22 0.00	24.71 0.22 0.00	26.40 0.29 0.00	29.06 0.37 0.00	32.30 0.41 0.00	34.26 0.41 0.00	34.14 0.40 0.00	34.84 0.38 0.00	34.75 0.38 0.00	35.52 0.46 0.00	37.29 0.47 -0.32	37.57 0.48 -0.50	40.31 0.51 -0.87	48.16 0.65 -1.18	50.93 0.73 -1.38	46.79 0.78 -0.22	41.97 0.70 0.00	41.92 0.74 0.00	36.28 0.64 0.00	34.13 0.47 0.00	30.46 0.42 0.00
INDECK___OLEAN 23982	28.21 -0.72 0.00	26.30 -0.98 0.00	24.72 -0.95 0.00	23.49 -1.24 0.00	23.34 -1.15 0.00	25.20 -0.91 0.00	28.26 -0.43 0.00	31.27 -0.61 0.00	33.04 -0.81 0.00	33.26 -0.47 0.00	34.60 0.14 0.00	34.27 -0.10 0.00	34.96 -0.11 0.00	36.39 -0.62 0.00	35.97 -0.97 0.00	37.96 -1.11 0.00	45.22 -1.11 0.00	48.38 -0.44 0.00	45.15 -0.64 0.00	41.06 -0.21 0.00	41.79 0.62 0.00	36.32 0.68 0.00	34.13 0.47 0.00	30.85 0.81 0.00
INDECK___OSWEGO 23783	28.38 -0.55 0.00	26.66 -0.63 0.00	25.10 -0.56 0.00	24.16 -0.57 0.00	23.92 -0.56 0.00	25.54 -0.57 0.00	28.14 -0.55 0.00	31.90 -0.57 -0.59	34.70 -0.68 -1.52	33.16 -0.57 0.00	33.98 -0.48 0.00	33.82 -0.55 0.00	34.54 -0.52 0.00	35.74 -0.59 0.17	35.67 -0.66 0.26	37.74 -0.74 0.46	44.83 -0.88 0.62	48.03 -0.88 -0.09	44.90 -0.78 0.11	42.45 -0.62 -1.80	42.54 -0.45 -1.81	35.25 -0.39 0.00	33.19 -0.47 0.00	29.59 -0.45 0.00
INDECK___YERKES 23781	27.83 -1.10 0.00	25.90 -1.39 0.00	24.36 -1.31 0.00	23.17 -1.56 0.00	23.04 -1.44 0.00	24.83 -1.28 0.00	27.74 -0.95 0.00	30.60 -1.28 0.00	32.23 -1.62 0.00	32.62 -1.11 0.00	34.05 -0.41 0.00	33.71 -0.65 0.00	34.43 -0.63 0.00	35.77 -0.73 0.00	35.06 -1.54 0.00	36.75 -2.18 0.00	43.69 -2.64 0.00	46.48 -2.34 0.00	43.64 -2.15 0.00	39.87 -1.40 0.00	41.01 -0.16 0.00	35.75 0.11 0.00	33.86 0.20 0.00	30.58 0.54 0.00
INDIAN POINT_GT_1 24139	31.42 2.49 0.00	29.30 2.02 0.00	27.52 1.85 0.00	26.53 1.80 0.00	26.23 1.74 0.00	27.92 1.80 0.00	30.89 2.21 0.00	34.43 2.55 0.00	36.77 2.91 0.00	36.67 2.94 0.00	37.53 3.07 0.00	37.53 3.16 0.00	38.57 3.51 0.00	40.15 3.65 0.00	40.33 3.73 0.00	43.02 4.09 0.00	51.15 4.82 0.00	53.80 4.98 0.00	50.23 4.44 0.00	45.19 3.92 0.00	44.76 3.58 0.00	38.74 3.10 0.00	36.19 2.52 0.00	32.26 2.22 0.00
INDIAN POINT_GT_2 23659	31.42 2.49 0.00	29.30 2.02 0.00	27.52 1.85 0.00	26.53 1.80 0.00	26.23 1.74 0.00	27.92 1.80 0.00	30.89 2.21 0.00	34.43 2.55 0.00	36.77 2.91 0.00	36.67 2.94 0.00	37.53 3.07 0.00	37.53 3.16 0.00	38.57 3.51 0.00	40.15 3.65 0.00	40.33 3.73 0.00	43.02 4.09 0.00	51.15 4.82 0.00	53.80 4.98 0.00	50.23 4.44 0.00	45.19 3.92 0.00	44.76 3.58 0.00	38.74 3.10 0.00	36.19 2.52 0.00	32.26 2.22 0.00
INDIAN POINT_GT_3 24019	31.42 2.49 0.00	29.30 2.02 0.00	27.52 1.85 0.00	26.53 1.80 0.00	26.23 1.74 0.00	27.92 1.80 0.00	30.89 2.21 0.00	34.43 2.55 0.00	36.77 2.91 0.00	36.67 2.94 0.00	37.53 3.07 0.00	37.53 3.16 0.00	38.57 3.51 0.00	40.15 3.65 0.00	40.33 3.73 0.00	43.02 4.09 0.00	51.15 4.82 0.00	53.80 4.98 0.00	50.23 4.44 0.00	45.19 3.92 0.00	44.76 3.58 0.00	38.74 3.10 0.00	36.19 2.52 0.00	32.26 2.22 0.00
INDIAN POINT___2 23530	31.36 2.43 0.00	29.28 1.99 0.00	27.46 1.80 0.00	26.48 1.76 0.00	26.17 1.69 0.00	27.86 1.75 0.00	30.86 2.18 0.00	34.40 2.52 0.00	36.70 2.84 0.00	36.64 2.90 0.00	37.63 3.17 0.00	37.49 3.13 0.00	38.50 3.44 0.00	40.11 3.61 0.00	40.26 3.66 0.00	42.98 4.05 0.00	51.10 4.77 0.00	53.70 4.88 0.00	50.14 4.35 0.00	45.11 3.84 0.00	44.72 3.54 0.00	38.67 3.03 0.00	36.12 2.46 0.00	32.20 2.16 0.00
INDIAN POINT___3 23531	31.36 2.43 0.00	29.25 1.96 0.00	27.49 1.82 0.00	26.48 1.76 0.00	26.18 1.69 0.00	27.89 1.78 0.00	30.84 2.15 0.00	34.40 2.52 0.00	36.67 2.81 0.00	36.57 2.83 0.00	37.46 3.00 0.00	37.43 3.06 0.00	38.46 3.40 0.00	40.07 3.58 0.00	40.22 3.62 0.00	42.94 4.01 0.00	51.06 4.73 0.00	53.65 4.83 0.00	50.14 4.35 0.00	45.07 3.80 0.00	44.67 3.50 0.00	38.63 2.99 0.00	36.12 2.46 0.00	32.20 2.16 0.00
INGHAM_C_115KV_TB7 356103	29.13 0.20 0.00	27.42 0.14 0.00	25.80 0.13 0.00	24.90 0.17 0.00	24.66 0.17 0.00	26.37 0.26 0.00	29.06 0.37 0.00	32.30 0.41 0.00	34.26 0.41 0.00	34.14 0.40 0.00	34.77 0.31 0.00	34.71 0.34 0.00	35.48 0.42 0.00	37.22 0.40 -0.32	37.50 0.40 -0.50	40.19 0.39 -0.87	48.06 0.56 -1.18	50.93 0.73 -1.38	46.79 0.78 -0.22	42.05 0.78 0.00	42.00 0.82 0.00	36.42 0.78 0.00	34.27 0.61 0.00	30.61 0.57 0.00
IP CORINTH___1 23988	30.78 1.85 0.00	28.87 1.58 0.00	27.05 1.39 0.00	26.06 1.34 0.00	25.76 1.27 0.00	27.52 1.41 0.00	30.41 1.72 0.00	33.60 1.72 0.00	35.82 1.96 0.00	35.69 1.96 0.00	36.05 1.59 0.00	35.91 1.55 0.00	36.57 1.51 0.00	37.99 1.50 0.00	38.10 1.50 0.00	40.49 1.56 0.00	48.18 1.85 0.00	51.06 2.25 0.00	48.49 2.70 0.00	43.70 2.43 0.00	43.98 2.80 0.00	37.96 2.32 0.00	35.41 1.75 0.00	31.54 1.50 0.00

IP___TICONDEROGA 23804	32.49 3.56 0.00	30.45 3.17 0.00	28.44 2.77 0.00	27.40 2.67 0.00	27.08 2.60 0.00	28.96 2.85 0.00	32.10 3.41 0.00	35.42 3.54 0.00	37.88 4.03 0.00	37.75 4.01 0.00	38.05 3.58 0.00	37.84 3.47 0.00	38.57 3.51 0.00	40.04 3.54 0.00	40.11 3.51 0.00	42.44 3.50 0.00	50.50 4.17 0.00	53.90 5.08 0.00	50.96 5.17 0.00	46.06 4.79 0.00	46.53 5.35 0.00	40.10 4.46 0.00	37.30 3.64 0.00	33.07 3.03 0.00
ISLIP_RES_REC 323679	43.94 3.59 -11.42	43.14 3.03 -12.83	38.67 2.80 -10.21	34.58 2.70 -7.15	31.99 2.62 -4.88	35.93 2.74 -7.07	38.47 3.30 -6.48	41.41 3.79 -5.73	44.01 4.23 -5.92	44.31 4.35 -6.22	47.62 4.78 -8.36	51.33 5.05 -12.18	53.98 5.37 -13.87	65.80 5.37 -23.94	64.31 5.45 -22.26	66.13 5.84 -21.36	104.38 6.90 -51.14	132.29 7.13 -76.34	129.04 6.46 -76.79	60.33 5.70 -13.36	55.34 5.39 -8.78	54.74 4.60 -14.50	46.62 3.90 -9.06	45.51 3.36 -12.11
JAMAICA__27_KV_LOAD 355505	32.08 3.15 0.00	29.85 2.56 0.00	28.06 2.39 0.00	27.00 2.27 0.00	26.69 2.20 0.00	28.39 2.27 0.00	31.50 2.81 0.00	35.10 3.22 0.00	37.51 3.66 0.00	37.45 3.71 0.00	38.98 4.00 -0.52	44.77 4.23 -6.17	46.63 4.59 -6.97	46.60 4.82 -5.29	47.46 4.87 -5.99	48.28 5.30 -4.05	52.31 5.98 0.00	54.77 5.96 0.00	51.24 5.45 0.00	46.10 4.83 0.00	45.70 4.53 0.00	39.53 3.88 0.00	36.99 3.33 0.00	32.98 2.94 0.00
JANIS___SOLAR 323808	30.17 1.24 0.00	28.24 0.95 0.00	26.54 0.87 0.00	25.52 0.79 0.00	25.29 0.81 0.00	27.16 1.05 0.00	30.15 1.46 0.00	33.62 1.63 -0.11	35.54 1.39 -0.29	35.12 1.38 0.00	35.81 1.34 0.00	35.57 1.20 0.00	36.32 1.26 0.00	37.70 1.20 0.00	37.66 1.06 0.00	40.02 1.09 0.00	47.81 1.48 0.00	51.02 2.05 -0.16	48.17 2.38 0.00	44.01 2.39 -0.34	44.36 2.84 -0.35	38.13 2.49 0.00	35.71 2.05 0.00	31.78 1.74 0.00
JARVIS____ 23743	29.19 0.26 0.00	27.45 0.16 0.00	25.82 0.15 0.00	24.90 0.17 0.00	24.63 0.15 0.00	26.30 0.18 0.00	28.94 0.26 0.00	32.17 0.29 0.00	34.16 0.30 0.00	34.04 0.30 0.00	34.81 0.34 0.00	34.68 0.31 0.00	35.45 0.39 0.00	37.22 0.40 -0.32	37.46 0.37 -0.50	40.23 0.43 -0.87	48.02 0.51 -1.18	50.74 0.54 -1.38	46.56 0.55 -0.22	41.77 0.50 0.00	41.67 0.50 0.00	36.07 0.43 0.00	33.93 0.27 0.00	30.28 0.24 0.00
JENNISON___1 23625	30.49 1.56 0.00	28.49 1.20 0.00	26.80 1.13 0.00	25.76 1.04 0.00	25.54 1.05 0.00	27.39 1.28 0.00	30.43 1.75 0.00	33.94 1.98 -0.08	35.96 1.90 -0.20	35.52 1.79 0.00	36.12 1.65 0.00	36.19 1.82 0.00	37.09 2.03 0.00	38.47 1.97 0.00	38.46 1.87 0.00	40.84 1.91 0.00	48.69 2.36 0.00	51.76 2.83 -0.11	48.67 2.88 0.00	44.24 2.72 -0.24	44.51 3.09 -0.24	38.42 2.78 0.00	35.85 2.19 0.00	31.93 1.89 0.00
JENNISON___2 23626	30.49 1.56 0.00	28.49 1.20 0.00	26.80 1.13 0.00	25.76 1.04 0.00	25.54 1.05 0.00	27.39 1.28 0.00	30.43 1.75 0.00	33.94 1.98 -0.08	35.96 1.90 -0.20	35.52 1.79 0.00	36.12 1.65 0.00	36.19 1.82 0.00	37.09 2.03 0.00	38.47 1.97 0.00	38.46 1.87 0.00	40.84 1.91 0.00	48.69 2.36 0.00	51.76 2.83 -0.11	48.67 2.88 0.00	44.24 2.72 -0.24	44.51 3.09 -0.24	38.42 2.78 0.00	35.85 2.19 0.00	31.93 1.89 0.00
JERICOHO_RISE_WT_PWR 323719	27.66 -1.27 0.00	26.36 -0.93 0.00	24.77 -0.90 0.00	23.91 -0.82 0.00	23.83 -0.66 0.00	25.36 -0.76 0.00	27.85 -0.83 0.00	31.09 -0.80 0.00	32.98 -0.88 0.00	32.89 -0.84 0.00	33.33 -1.14 0.00	33.37 -1.00 0.00	33.97 -1.09 0.01	28.97 -1.24 6.29	25.61 -1.21 9.78	20.57 -1.36 17.00	21.83 -1.48 23.01	20.17 -1.66 26.98	40.01 -1.51 4.27	39.91 -1.36 0.00	39.82 -1.36 0.00	34.39 -1.25 0.00	32.85 -0.81 0.00	29.38 -0.66 0.00
KATONAH___115KV_46KV_TB4 355592	31.62 2.69 0.00	29.50 2.21 0.00	27.70 2.03 0.00	26.68 1.95 0.00	26.37 1.89 0.00	28.10 1.98 0.00	31.07 2.38 0.00	34.65 2.77 0.00	37.00 3.15 0.00	36.94 3.20 0.00	37.77 3.31 0.00	37.80 3.44 0.00	38.85 3.79 0.00	40.51 4.01 0.00	40.66 4.06 0.00	43.33 4.40 0.00	51.57 5.24 0.00	54.19 5.37 0.00	50.64 4.85 0.00	45.56 4.29 0.00	45.17 3.99 0.00	39.03 3.39 0.00	36.49 2.83 0.00	32.47 2.43 0.00
KCE_NY_1 323755	30.87 1.94 0.00	28.98 1.69 0.00	27.16 1.49 0.00	26.18 1.46 0.00	25.88 1.40 0.00	27.63 1.51 0.00	30.46 1.78 0.00	33.76 1.88 0.00	35.92 2.07 0.00	35.79 2.06 0.00	36.53 2.07 0.00	36.33 1.96 0.00	37.09 2.03 0.00	38.61 2.12 0.00	38.68 2.08 0.00	41.19 2.26 0.00	49.02 2.69 0.00	51.85 3.03 0.00	48.86 3.07 0.00	44.04 2.77 0.00	44.01 2.84 0.00	38.03 2.39 0.00	35.54 1.88 0.00	31.69 1.65 0.00
KCE_NY_6_ESR 323823	28.03 -0.90 0.00	26.14 -1.14 0.00	24.57 -1.10 0.00	23.37 -1.36 0.00	23.21 -1.27 0.00	25.04 -1.07 0.00	28.00 -0.69 0.00	30.93 -0.96 0.00	32.57 -1.29 0.00	32.93 -0.81 0.00	34.33 -0.14 0.00	34.02 -0.34 0.00	34.71 -0.35 0.00	36.10 -0.40 0.00	35.46 -1.13 0.00	37.26 -1.67 0.00	44.29 -2.04 0.00	47.16 -1.66 0.00	44.28 -1.51 0.00	40.40 -0.87 0.00	41.47 0.29 0.00	36.10 0.46 0.00	34.17 0.51 0.00	30.82 0.78 0.00
KEDC_PORT_JEFF_GT2 24210	43.67 3.33 -11.42	42.90 2.78 -12.83	38.44 2.57 -10.21	34.35 2.47 -7.15	31.79 2.42 -4.88	35.72 2.53 -7.07	38.21 3.04 -6.48	41.12 3.51 -5.73	43.67 3.89 -5.92	43.90 3.95 -6.22	47.21 4.38 -8.36	50.78 4.26 -12.15	53.41 4.49 -13.86	65.18 4.74 -23.94	65.34 4.83 -23.91	65.28 4.98 -21.36	103.41 5.93 -51.15	142.80 6.00 -87.98	141.47 5.45 -90.24	61.50 4.91 -15.32	53.80 4.73 -7.89	53.10 4.06 -13.40	46.28 3.57 -9.06	45.21 3.07 -12.11
KEDC_PORT_JEFF_GT3 24211	43.67 3.33 -11.42	42.90 2.78 -12.83	38.44 2.57 -10.21	34.35 2.47 -7.15	31.79 2.42 -4.88	35.72 2.53 -7.07	38.21 3.04 -6.48	41.12 3.51 -5.73	43.67 3.89 -5.92	43.90 3.95 -6.22	47.21 4.38 -8.36	50.78 4.26 -12.15	53.41 4.49 -13.86	65.18 4.74 -23.94	65.34 4.83 -23.91	65.28 4.98 -21.36	103.41 5.93 -51.15	142.80 6.00 -87.98	141.47 5.45 -90.24	61.50 4.91 -15.32	53.80 4.73 -7.89	53.10 4.06 -13.40	46.28 3.57 -9.06	45.21 3.07 -12.11
KEDC_GLWD_GT4 24219	43.65 3.30 -11.42	42.87 2.75 -12.83	38.39 2.52 -10.21	34.30 2.42 -7.15	31.72 2.35 -4.88	35.64 2.45 -7.07	38.12 2.96 -6.48	41.03 3.41 -5.73	43.64 3.86 -5.92	43.86 3.91 -6.22	47.14 4.31 -8.36	50.75 4.33 -12.05	53.41 4.49 -13.86	65.03 4.60 -23.94	56.16 4.69 -14.88	65.39 5.10 -21.36	103.49 6.02 -51.13	79.39 6.10 -24.47	68.16 5.49 -16.88	50.89 4.99 -4.63	50.80 4.86 -4.77	49.34 4.17 -9.53	46.19 3.47 -9.06	45.18 3.03 -12.11
KEDC_GLWD_GT5 24220	43.65 3.30 -11.42	42.87 2.75 -12.83	38.39 2.52 -10.21	34.30 2.42 -7.15	31.72 2.35 -4.88	35.64 2.45 -7.07	38.12 2.96 -6.48	41.03 3.41 -5.73	43.64 3.86 -5.92	43.86 3.91 -6.22	47.14 4.31 -8.36	50.75 4.33 -12.05	53.41 4.49 -13.86	65.03 4.60 -23.94	56.16 4.69 -14.88	65.39 5.10 -21.36	103.49 6.02 -51.13	79.39 6.10 -24.47	68.16 5.49 -16.88	50.89 4.99 -4.63	50.80 4.86 -4.77	49.34 4.17 -9.53	46.19 3.47 -9.06	45.18 3.03 -12.11

KENSICO____ 23655	31.53 2.60 0.00	29.39 2.10 0.00	27.62 1.95 0.00	26.60 1.88 0.00	26.32 1.84 0.00	27.99 1.88 0.00	31.01 2.32 0.00	34.56 2.68 0.00	36.90 3.05 0.00	36.81 3.07 0.00	37.67 3.21 0.00	37.67 3.30 0.00	38.71 3.65 0.00	40.29 3.80 0.00	40.48 3.88 0.00	43.18 4.24 0.00	51.34 5.00 0.00	53.90 5.08 0.00	50.37 4.58 0.00	45.31 4.04 0.00	44.88 3.71 0.00	38.85 3.21 0.00	36.32 2.66 0.00	32.38 2.34 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.48 2.55 0.00	29.28 1.99 0.00	27.54 1.87 0.00	26.51 1.78 0.00	26.23 1.74 0.00	27.94 1.83 0.00	30.86 2.18 0.00	34.30 2.42 0.00	36.60 2.74 0.00	36.47 2.73 0.00	37.29 2.83 0.00	37.29 2.92 0.00	38.36 3.30 0.00	39.67 3.18 0.00	39.85 3.26 0.00	42.55 3.62 0.00	50.73 4.40 0.00	53.46 4.64 0.00	50.05 4.26 0.00	44.98 3.71 0.00	44.63 3.46 0.00	38.88 3.24 0.00	36.25 2.59 0.00	32.26 2.22 0.00
KIAC_JFK_GT1 23816	31.82 2.89 0.00	29.66 2.37 0.00	27.88 2.21 0.00	26.85 2.13 0.00	26.54 2.06 0.00	28.20 2.09 0.00	31.30 2.61 0.00	34.78 2.90 0.00	37.21 3.35 0.00	37.11 3.37 0.00	38.63 3.65 -0.52	44.43 3.88 -6.17	46.27 4.24 -6.97	46.20 4.42 -5.29	47.05 4.46 -5.99	47.89 4.91 -4.05	51.80 5.47 0.00	54.24 5.42 0.00	50.74 4.95 0.00	45.64 4.37 0.00	45.25 4.08 0.00	39.13 3.49 0.00	36.62 2.96 0.00	32.77 2.73 0.00
KIAC_JFK_GT2 23817	31.82 2.89 0.00	29.66 2.37 0.00	27.88 2.21 0.00	26.85 2.13 0.00	26.54 2.06 0.00	28.20 2.09 0.00	31.30 2.61 0.00	34.78 2.90 0.00	37.21 3.35 0.00	37.11 3.37 0.00	38.63 3.65 -0.52	44.43 3.88 -6.17	46.27 4.24 -6.97	46.20 4.42 -5.29	47.05 4.46 -5.99	47.89 4.91 -4.05	51.80 5.47 0.00	54.24 5.42 0.00	50.74 4.95 0.00	45.64 4.37 0.00	45.25 4.08 0.00	39.13 3.49 0.00	36.62 2.96 0.00	32.77 2.73 0.00
KIAC_JFK____ 323774	31.91 2.98 0.00	29.69 2.40 0.00	27.88 2.21 0.00	26.85 2.13 0.00	26.54 2.06 0.00	28.20 2.09 0.00	31.29 2.61 0.00	34.78 2.90 0.00	37.21 3.35 0.00	37.14 3.41 0.00	38.98 4.00 -0.52	44.46 3.92 -6.17	46.27 4.24 -6.97	46.20 4.41 -5.29	47.05 4.46 -5.99	47.89 4.91 -4.05	51.80 5.46 0.00	54.24 5.42 0.00	50.74 4.95 0.00	45.64 4.37 0.00	45.29 4.12 0.00	39.17 3.53 0.00	36.62 2.96 0.00	32.74 2.70 0.00
KINTIGH____ 23543	27.63 -1.30 0.00	25.73 -1.56 0.00	24.23 -1.44 0.00	23.12 -1.61 0.00	22.97 -1.52 0.00	24.70 -1.41 0.00	27.54 -1.15 0.00	30.41 -1.47 0.00	32.10 -1.76 0.00	31.91 -1.82 0.00	32.81 -1.65 0.00	33.13 -1.24 0.00	34.08 -0.98 0.00	35.37 -1.13 0.00	34.84 -1.76 0.00	36.64 -2.30 0.00	43.60 -2.73 0.00	46.23 -2.59 0.00	43.36 -2.43 0.00	39.58 -1.69 0.00	40.68 -0.49 0.00	35.36 -0.29 0.00	33.39 -0.27 0.00	29.95 -0.09 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.97 -0.95 0.00	26.69 -0.60 0.00	25.05 -0.62 0.00	24.16 -0.57 0.00	24.09 -0.39 0.00	25.67 -0.44 0.00	28.40 -0.29 0.00	31.66 -0.22 0.00	33.55 -0.30 0.00	33.70 -0.03 0.00	34.26 -0.21 0.00	34.09 -0.27 0.00	34.70 -0.35 0.01	29.58 -0.55 6.37	26.21 -0.48 9.91	21.09 -0.62 17.22	22.56 -0.46 23.31	20.85 -0.63 27.33	40.97 -0.50 4.32	40.86 -0.41 0.00	40.76 -0.41 0.00	35.14 -0.50 0.00	33.49 -0.17 0.00	29.98 -0.06 0.00
LACHUTE__HYDRO 323717	32.49 3.56 0.00	30.48 3.19 0.00	28.44 2.77 0.00	27.40 2.67 0.00	27.08 2.59 0.00	28.96 2.85 0.00	32.10 3.41 0.00	35.42 3.54 0.00	37.88 4.03 0.00	37.82 4.08 0.00	38.22 3.76 0.00	37.91 3.54 0.00	38.57 3.51 0.00	40.04 3.54 0.00	40.11 3.51 0.00	42.44 3.51 0.00	50.50 4.17 0.00	53.90 5.08 0.00	50.96 5.17 0.00	46.05 4.79 0.00	46.53 5.35 0.00	40.10 4.45 0.00	37.30 3.64 0.00	33.07 3.03 0.00
LAWRNCV_115KV_TB1 80681	27.71 -1.22 0.00	26.44 -0.85 0.00	24.82 -0.85 0.00	23.96 -0.77 0.00	23.78 -0.71 0.00	25.33 -0.78 0.00	27.71 -0.98 0.00	30.83 -1.05 0.00	32.70 -1.15 0.00	32.66 -1.08 0.00	33.19 -1.28 0.00	33.03 -1.34 0.00	33.41 -1.65 0.01	29.40 -1.72 5.38	26.40 -1.83 8.37	22.44 -1.95 14.55	24.14 -2.50 19.69	23.00 -2.73 23.09	39.58 -2.56 3.65	38.92 -2.35 0.00	38.99 -2.18 0.00	33.79 -1.85 0.00	32.42 -1.25 0.00	29.02 -1.02 0.00
LEDERLE____ 23769	31.53 2.60 0.00	29.39 2.10 0.00	27.62 1.95 0.00	26.60 1.88 0.00	26.30 1.81 0.00	28.02 1.91 0.00	31.01 2.32 0.00	34.56 2.68 0.00	36.90 3.05 0.00	36.81 3.07 0.00	37.70 3.24 0.00	37.70 3.33 0.00	38.74 3.68 0.00	40.37 3.87 0.00	40.55 3.95 0.00	43.29 4.36 0.00	51.47 5.14 0.00	54.14 5.32 0.00	50.55 4.76 0.00	45.44 4.17 0.00	45.05 3.87 0.00	38.92 3.28 0.00	36.35 2.69 0.00	32.38 2.34 0.00
LIGHTRSE_115KV_TB6 355974	28.73 -0.20 0.00	26.96 -0.33 0.00	25.39 -0.28 0.00	24.43 -0.30 0.00	24.19 -0.29 0.00	25.90 -0.21 0.00	28.60 -0.09 0.00	32.14 -0.06 -0.32	34.54 -0.14 -0.82	33.57 -0.17 0.00	34.26 -0.21 0.00	34.23 -0.14 0.00	34.96 -0.11 0.00	35.85 -0.18 0.47	35.57 -0.29 0.73	37.31 -0.35 1.27	44.10 -0.51 1.72	46.85 -0.39 1.58	45.29 -0.18 0.32	42.20 -0.04 -0.97	42.32 0.16 -0.98	35.82 0.18 0.00	33.76 0.10 0.00	30.04 0.00 0.00
LINDEN COGEN____ 23786	31.71 2.78 0.00	29.52 2.24 0.00	27.70 2.03 0.00	26.68 1.95 0.00	26.37 1.89 0.00	28.02 1.91 0.00	31.09 2.41 0.00	34.72 2.84 0.00	37.07 3.22 0.00	37.04 3.31 0.00	38.60 3.62 -0.52	43.95 3.57 -6.01	45.73 3.89 -6.78	45.69 4.05 -5.15	46.52 4.10 -5.83	47.35 4.48 -3.94	51.57 5.23 0.00	53.99 5.17 0.00	50.41 4.62 0.00	45.40 4.13 0.00	45.01 3.83 0.00	38.96 3.32 0.00	36.49 2.83 0.00	32.50 2.46 0.00
LINDHRST_69_KV_BK1 356055	43.88 3.53 -11.42	43.06 2.95 -12.83	38.59 2.72 -10.21	34.53 2.65 -7.15	31.94 2.57 -4.88	35.88 2.69 -7.07	38.38 3.21 -6.48	41.31 3.70 -5.73	43.88 4.10 -5.92	44.10 4.15 -6.22	47.17 4.34 -8.36	50.96 4.47 -12.12	53.76 4.84 -13.86	65.51 5.07 -23.94	57.31 5.16 -15.56	65.94 5.65 -21.36	104.09 6.63 -51.14	84.91 6.83 -29.25	74.41 6.23 -22.40	52.19 5.49 -5.43	53.14 5.19 -6.77	52.11 4.46 -12.01	46.52 3.80 -9.06	45.48 3.33 -12.11
LIPA_MISC_IPP 23656	43.62 3.27 -11.42	42.84 2.73 -12.83	38.39 2.52 -10.21	34.33 2.45 -7.15	31.74 2.38 -4.88	35.67 2.48 -7.07	38.15 2.98 -6.48	41.03 3.41 -5.73	43.60 3.83 -5.92	43.83 3.88 -6.22	46.96 4.14 -8.36	50.76 4.23 -12.16	53.48 4.56 -13.86	65.25 4.82 -23.94	64.00 4.90 -22.50	65.59 5.30 -21.36	103.78 6.30 -51.14	133.41 6.54 -78.05	130.46 5.91 -78.77	60.16 5.24 -13.65	54.28 4.90 -8.20	53.59 4.17 -13.78	46.25 3.53 -9.06	45.21 3.06 -12.11
LISF__SOLAR 323691	43.70 3.35 -11.42	42.92 2.81 -12.83	38.47 2.59 -10.21	34.38 2.50 -7.15	31.79 2.42 -4.88	35.72 2.53 -7.07	38.21 3.04 -6.48	41.12 3.51 -5.73	43.70 3.93 -5.92	43.96 4.01 -6.22	47.28 4.45 -8.36	50.93 4.40 -12.16	53.59 4.66 -13.86	65.40 4.96 -23.94	64.26 5.05 -22.61	65.75 5.45 -21.36	103.96 6.49 -51.14	134.33 6.69 -78.82	131.54 6.09 -79.66	60.41 5.36 -13.78	54.46 5.06 -8.22	53.76 4.31 -13.81	46.35 3.64 -9.06	45.27 3.12 -12.11

LITTLE FALLS___HYD 24013	29.13 0.20 0.00	27.42 0.14 0.00	25.80 0.13 0.00	24.90 0.17 0.00	24.66 0.17 0.00	26.37 0.26 0.00	29.06 0.37 0.00	32.30 0.41 0.00	34.26 0.41 0.00	34.14 0.40 0.00	34.77 0.31 0.00	34.71 0.34 0.00	35.48 0.42 0.00	37.22 0.40 -0.32	37.50 0.40 -0.50	40.19 0.39 -0.87	48.06 0.56 -1.18	50.93 0.73 -1.38	46.79 0.78 -0.22	42.05 0.78 0.00	42.00 0.82 0.00	36.42 0.78 0.00	34.27 0.61 0.00	30.61 0.57 0.00
LITTLRIV_115KV_TB1 356100	27.97 -0.95 0.00	26.69 -0.60 0.00	25.08 -0.59 0.00	24.21 -0.52 0.00	24.02 -0.47 0.00	25.62 -0.50 0.00	28.03 -0.66 0.00	31.25 -0.67 -0.04	33.18 -0.78 -0.10	32.99 -0.74 0.00	33.50 -0.97 0.00	33.34 -1.03 0.00	33.72 -1.33 0.01	29.85 -1.39 5.26	26.91 -1.50 8.18	23.08 -1.64 14.22	24.90 -2.18 19.25	23.91 -2.39 22.52	40.02 -2.20 3.57	39.41 -1.98 -0.12	39.52 -1.77 -0.12	34.18 -1.46 0.00	32.72 -0.94 0.00	29.26 -0.78 0.00
LI_NEWBRDGE___DRP 323616	43.27 2.92 -11.42	42.51 2.40 -12.83	38.11 2.23 -10.21	34.06 2.18 -7.15	31.47 2.11 -4.88	35.38 2.19 -7.07	37.81 2.64 -6.48	40.68 3.06 -5.73	43.20 3.42 -5.92	43.39 3.44 -6.22	46.41 3.58 -8.36	50.10 3.68 -12.05	52.95 4.03 -13.86	64.67 4.23 -23.94	55.79 4.32 -14.88	64.97 4.67 -21.36	102.98 5.51 -51.13	78.91 5.61 -24.47	67.75 5.08 -16.88	50.36 4.46 -4.63	50.11 4.16 -4.77	48.77 3.60 -9.53	45.75 3.03 -9.06	44.85 2.70 -12.11
LOCKPORT_115KV_TB60_63_64 80432	27.69 -1.24 0.00	25.70 -1.58 0.00	24.23 -1.44 0.00	23.07 -1.66 0.00	22.94 -1.54 0.00	24.73 -1.38 0.00	27.57 -1.12 0.00	30.35 -1.53 0.00	31.96 -1.90 0.00	31.75 -1.99 0.00	32.71 -1.76 0.00	33.06 -1.31 0.00	34.15 -0.91 0.00	35.44 -1.06 0.00	34.73 -1.87 0.00	36.36 -2.57 0.00	43.27 -3.06 0.00	45.99 -2.83 0.00	43.18 -2.61 0.00	39.50 -1.77 0.00	40.85 -0.33 0.00	35.53 -0.11 0.00	33.59 -0.07 0.00	30.25 0.21 0.00
LOCKPORT___CC1 323769	27.66 -1.27 0.00	25.76 -1.53 0.00	24.26 -1.41 0.00	23.04 -1.68 0.00	22.94 -1.54 0.00	24.70 -1.41 0.00	27.54 -1.15 0.00	30.35 -1.53 0.00	31.96 -1.90 0.00	32.32 -1.42 0.00	33.71 -0.76 0.00	33.41 -0.96 0.00	34.15 -0.91 0.00	35.44 -1.06 0.00	34.69 -1.90 0.00	36.36 -2.57 0.00	43.27 -3.06 0.00	45.99 -2.83 0.00	43.18 -2.61 0.00	39.50 -1.77 0.00	40.68 -0.49 0.00	35.46 -0.18 0.00	33.59 -0.07 0.00	30.37 0.33 0.00
LOCKPORT___CC2 323770	27.66 -1.27 0.00	25.76 -1.53 0.00	24.26 -1.41 0.00	23.04 -1.68 0.00	22.94 -1.54 0.00	24.70 -1.41 0.00	27.54 -1.15 0.00	30.35 -1.53 0.00	31.96 -1.90 0.00	32.32 -1.42 0.00	33.71 -0.76 0.00	33.41 -0.96 0.00	34.15 -0.91 0.00	35.44 -1.06 0.00	34.69 -1.90 0.00	36.36 -2.57 0.00	43.27 -3.06 0.00	45.99 -2.83 0.00	43.18 -2.61 0.00	39.50 -1.77 0.00	40.68 -0.49 0.00	35.46 -0.18 0.00	33.59 -0.07 0.00	30.37 0.33 0.00
LOCKPORT___CC3 323771	27.66 -1.27 0.00	25.76 -1.53 0.00	24.26 -1.41 0.00	23.04 -1.68 0.00	22.94 -1.54 0.00	24.70 -1.41 0.00	27.54 -1.15 0.00	30.35 -1.53 0.00	31.96 -1.90 0.00	32.32 -1.42 0.00	33.71 -0.76 0.00	33.41 -0.96 0.00	34.15 -0.91 0.00	35.44 -1.06 0.00	34.69 -1.90 0.00	36.36 -2.57 0.00	43.27 -3.06 0.00	45.99 -2.83 0.00	43.18 -2.61 0.00	39.50 -1.77 0.00	40.68 -0.49 0.00	35.46 -0.18 0.00	33.59 -0.07 0.00	30.37 0.33 0.00
LONG_LAKE_PHOENIX 24014	28.55 -0.38 0.00	26.82 -0.46 0.00	25.26 -0.41 0.00	24.31 -0.42 0.00	24.07 -0.42 0.00	25.70 -0.42 0.00	28.34 -0.34 0.00	31.98 -0.35 -0.45	34.57 -0.44 -1.15	33.33 -0.40 0.00	34.05 -0.41 0.00	34.02 -0.34 0.00	34.82 -0.25 0.00	36.21 -0.29 0.00	36.19 -0.40 0.00	38.47 -0.47 0.00	45.78 -0.56 0.00	48.95 -0.49 -0.61	45.38 -0.41 0.00	42.34 -0.29 -1.36	42.46 -0.08 -1.37	35.57 -0.07 0.00	33.46 -0.20 0.00	29.80 -0.24 0.00
LOVETT___3 23632	31.33 2.40 0.00	29.22 1.94 0.00	27.46 1.80 0.00	26.46 1.73 0.00	26.15 1.67 0.00	27.84 1.72 0.00	30.81 2.12 0.00	34.34 2.45 0.00	36.67 2.81 0.00	36.57 2.83 0.00	37.43 2.96 0.00	37.43 3.06 0.00	38.46 3.40 0.00	40.07 3.58 0.00	40.22 3.62 0.00	42.94 4.01 0.00	51.06 4.73 0.00	53.70 4.88 0.00	50.14 4.35 0.00	45.07 3.80 0.00	44.67 3.50 0.00	38.63 2.99 0.00	36.08 2.42 0.00	32.17 2.13 0.00
LOVETT___4 23642	31.33 2.40 0.00	29.22 1.94 0.00	27.46 1.80 0.00	26.46 1.73 0.00	26.15 1.67 0.00	27.84 1.72 0.00	30.81 2.12 0.00	34.34 2.45 0.00	36.67 2.81 0.00	36.57 2.83 0.00	37.43 2.96 0.00	37.43 3.06 0.00	38.46 3.40 0.00	40.07 3.58 0.00	40.22 3.62 0.00	42.94 4.01 0.00	51.06 4.73 0.00	53.70 4.88 0.00	50.14 4.35 0.00	45.07 3.80 0.00	44.67 3.50 0.00	38.63 2.99 0.00	36.08 2.42 0.00	32.17 2.13 0.00
LOVETT___5 23593	31.33 2.40 0.00	29.22 1.94 0.00	27.46 1.80 0.00	26.46 1.73 0.00	26.15 1.67 0.00	27.84 1.72 0.00	30.81 2.12 0.00	34.34 2.45 0.00	36.67 2.81 0.00	36.57 2.83 0.00	37.43 2.96 0.00	37.43 3.06 0.00	38.46 3.40 0.00	40.07 3.58 0.00	40.22 3.62 0.00	42.94 4.01 0.00	51.06 4.73 0.00	53.70 4.88 0.00	50.14 4.35 0.00	45.07 3.80 0.00	44.67 3.50 0.00	38.63 2.99 0.00	36.08 2.42 0.00	32.17 2.13 0.00
LOWER RAQUET___HYD 24057	27.69 -1.24 0.00	26.39 -0.90 0.00	24.80 -0.87 0.00	23.93 -0.79 0.00	23.75 -0.73 0.00	25.33 -0.78 0.00	27.71 -0.98 0.00	30.87 -1.05 -0.04	32.81 -1.15 -0.11	32.52 -1.21 0.00	32.85 -1.62 0.00	32.89 -1.48 0.00	33.37 -1.68 0.01	29.60 -1.75 5.15	26.68 -1.90 8.01	22.95 -2.06 13.92	24.85 -2.64 18.84	23.90 -2.88 22.04	39.60 -2.70 3.49	38.96 -2.43 -0.13	39.08 -2.22 -0.13	33.79 -1.85 0.00	32.42 -1.24 0.00	29.05 -0.99 0.00
LOWER___HUDSON 24059	30.49 1.56 0.00	28.62 1.34 0.00	26.87 1.21 0.00	25.94 1.21 0.00	25.64 1.15 0.00	27.34 1.23 0.00	30.12 1.43 0.00	33.38 1.50 0.00	35.45 1.59 0.00	35.26 1.52 0.00	36.09 1.62 0.00	35.92 1.55 0.00	36.74 1.68 0.00	38.25 1.75 0.00	38.39 1.79 0.00	40.96 2.02 0.00	48.74 2.41 0.00	51.45 2.63 0.00	48.31 2.52 0.00	43.50 2.23 0.00	43.27 2.10 0.00	37.39 1.75 0.00	34.97 1.31 0.00	31.27 1.23 0.00
LOWVILLE_115KV_TB2 356335	28.96 0.03 0.00	27.23 -0.05 0.00	25.59 -0.08 0.00	24.70 -0.02 0.00	24.46 -0.02 0.00	26.37 0.26 0.00	29.14 0.46 0.00	32.55 0.57 -0.10	34.64 0.54 -0.25	34.24 0.51 0.00	34.74 0.28 0.00	34.68 0.31 0.00	35.06 0.00 0.00	35.20 -0.04 1.26	34.49 -0.15 1.96	35.33 -0.19 3.41	42.18 0.46 4.62	44.22 0.68 5.28	45.85 0.92 0.86	42.47 0.91 -0.29	42.62 1.15 -0.29	36.71 1.07 0.00	34.47 0.81 0.00	30.70 0.66 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.84 1.91 0.00	28.95 1.66 0.00	27.16 1.49 0.00	26.18 1.46 0.00	25.88 1.40 0.00	27.60 1.49 0.00	30.46 1.78 0.00	33.73 1.85 0.00	35.89 2.03 0.00	35.73 1.99 0.00	36.36 1.90 0.00	36.26 1.89 0.00	37.09 2.03 0.00	38.58 2.08 0.00	38.68 2.09 0.00	41.15 2.22 0.00	48.97 2.64 0.00	51.80 2.98 0.00	48.81 3.02 0.00	43.99 2.72 0.00	43.98 2.80 0.00	37.99 2.35 0.00	35.51 1.85 0.00	31.66 1.62 0.00

LUTHERNY_35_KV_BK2 355980	30.87 1.94 0.00	28.95 1.66 0.00	27.16 1.49 0.00	26.18 1.46 0.00	25.88 1.40 0.00	27.63 1.51 0.00	30.46 1.78 0.00	33.76 1.88 0.00	35.92 2.07 0.00	35.76 2.02 0.00	36.39 1.93 0.00	36.26 1.89 0.00	37.09 2.03 0.00	38.61 2.12 0.00	38.68 2.09 0.00	41.19 2.26 0.00	49.02 2.69 0.00	51.85 3.03 0.00	48.86 3.07 0.00	44.03 2.77 0.00	44.02 2.84 0.00	38.03 2.39 0.00	35.55 1.88 0.00	31.69 1.65 0.00
LWR___OSWEGATCHIE_HYD 23850	28.26 -0.67 0.00	26.77 -0.52 0.00	25.15 -0.51 0.00	24.26 -0.47 0.00	24.07 -0.42 0.00	25.80 -0.31 0.00	28.37 -0.32 0.00	31.68 -0.29 -0.08	33.69 -0.37 -0.21	33.36 -0.37 0.00	33.88 -0.59 0.00	33.75 -0.62 0.00	34.18 -0.88 0.00	32.13 -0.95 3.42	30.19 -1.10 5.31	28.49 -1.21 9.23	32.58 -1.25 12.50	33.01 -1.27 14.54	42.47 -1.01 2.32	40.69 -0.83 -0.25	40.81 -0.62 -0.25	35.18 -0.46 0.00	33.36 -0.30 0.00	29.77 -0.27 0.00
LYONS_FALL_HYD 23570	29.28 0.35 0.00	27.50 0.22 0.00	25.87 0.20 0.00	24.95 0.22 0.00	24.71 0.22 0.00	26.56 0.44 0.00	29.35 0.66 0.00	32.71 0.76 -0.07	34.81 0.78 -0.18	34.51 0.78 0.00	35.12 0.65 0.00	34.99 0.62 0.00	35.55 0.49 0.00	36.23 0.44 0.71	35.86 0.37 1.10	37.36 0.35 1.92	44.61 0.88 2.60	46.94 1.07 2.95	46.55 1.24 0.48	42.64 1.15 -0.21	42.75 1.36 -0.21	36.89 1.25 0.00	34.57 0.91 0.00	30.79 0.75 0.00
MADISON___COUNTY_LFGE 323628	29.80 0.87 0.00	27.94 0.65 0.00	26.28 0.62 0.00	25.32 0.59 0.00	25.07 0.59 0.00	26.87 0.76 0.00	29.69 1.00 0.00	33.10 1.15 -0.07	35.16 1.12 -0.19	34.85 1.11 0.00	35.46 1.00 0.00	35.47 1.10 0.00	36.25 1.19 0.00	37.70 1.20 0.00	37.69 1.10 0.00	40.06 1.13 0.00	47.81 1.48 0.00	50.63 1.71 -0.10	47.58 1.79 0.00	43.14 1.65 -0.22	43.21 1.81 -0.22	37.28 1.64 0.00	34.91 1.25 0.00	31.09 1.05 0.00
MALONE___115KV_TB1 356076	27.86 -1.07 0.00	26.60 -0.68 0.00	24.97 -0.69 0.00	24.08 -0.64 0.00	23.97 -0.51 0.00	25.54 -0.57 0.00	28.11 -0.57 0.00	31.34 -0.54 0.00	33.21 -0.64 0.00	33.30 -0.44 0.00	33.88 -0.59 0.00	33.68 -0.69 0.00	34.18 -0.88 0.01	29.47 -1.02 6.00	26.27 -0.99 9.34	21.54 -1.17 16.23	23.07 -1.30 21.97	21.65 -1.42 25.76	40.39 -1.33 4.07	40.07 -1.20 0.00	40.06 -1.11 0.00	34.57 -1.07 0.00	33.05 -0.61 0.00	29.53 -0.51 0.00
MAPLEWOD_115KV_TB3 80458	30.35 1.42 0.00	28.49 1.20 0.00	26.80 1.13 0.00	25.84 1.11 0.00	25.54 1.05 0.00	27.21 1.10 0.00	29.98 1.29 0.00	33.16 1.28 0.00	35.24 1.39 0.00	35.05 1.32 0.00	35.81 1.34 0.00	35.67 1.31 0.00	36.57 1.51 0.00	38.10 1.61 0.00	38.24 1.65 0.00	40.76 1.83 0.00	48.51 2.18 0.00	51.21 2.39 0.00	48.08 2.29 0.00	43.25 1.98 0.00	43.03 1.85 0.00	37.21 1.57 0.00	34.84 1.18 0.00	31.15 1.11 0.00
MAPLE_RIDGE_WT_1 323574	28.18 -0.75 0.00	26.63 -0.66 0.00	25.08 -0.59 0.00	24.18 -0.54 0.00	23.95 -0.54 0.00	25.04 -1.07 0.00	27.42 -1.26 0.00	30.54 -1.34 0.00	32.50 -1.36 0.00	32.32 -1.42 0.00	32.91 -1.55 0.00	32.89 -1.48 0.00	33.44 -1.61 0.01	24.79 -1.68 10.03	19.31 -1.68 15.60	10.02 -1.79 27.12	7.54 -2.08 36.71	3.63 -2.15 43.04	37.06 -1.92 6.81	39.62 -1.65 0.00	39.61 -1.56 0.00	34.29 -1.35 0.00	32.62 -1.04 0.00	29.11 -0.93 0.00
MAPLE_RIDGE_WT_2 323611	28.18 -0.75 0.00	26.63 -0.66 0.00	25.08 -0.59 0.00	24.18 -0.54 0.00	23.95 -0.54 0.00	25.04 -1.07 0.00	27.42 -1.26 0.00	30.54 -1.34 0.00	32.50 -1.36 0.00	32.32 -1.42 0.00	32.91 -1.55 0.00	32.89 -1.48 0.00	33.44 -1.61 0.01	24.79 -1.68 10.03	19.31 -1.68 15.60	10.02 -1.79 27.12	7.54 -2.08 36.71	3.63 -2.15 43.04	37.06 -1.92 6.81	39.62 -1.65 0.00	39.61 -1.56 0.00	34.29 -1.35 0.00	32.62 -1.04 0.00	29.11 -0.93 0.00
MARBLE_RIVER_WT_PWR 323696	27.69 -1.24 0.00	26.39 -0.90 0.00	24.82 -0.85 0.00	23.93 -0.79 0.00	23.88 -0.61 0.00	25.43 -0.68 0.00	27.97 -0.72 0.00	31.21 -0.67 0.00	33.11 -0.74 0.00	33.06 -0.67 0.00	33.54 -0.93 0.00	33.58 -0.79 0.00	34.18 -0.88 0.01	29.03 -1.06 6.41	25.64 -0.99 9.97	20.44 -1.17 17.33	21.67 -1.20 23.46	19.89 -1.42 27.51	40.21 -1.23 4.35	40.16 -1.11 0.00	40.07 -1.11 0.00	34.61 -1.03 0.00	33.02 -0.64 0.00	29.56 -0.48 0.00
MARSHVLE_115KV_TB1 80742	31.48 2.55 0.00	29.50 2.21 0.00	27.62 1.95 0.00	26.58 1.85 0.00	26.23 1.74 0.00	28.10 1.98 0.00	31.09 2.41 0.00	34.40 2.52 0.00	36.43 2.57 0.00	36.03 2.29 0.00	36.71 2.24 0.00	36.60 2.23 0.00	37.80 2.73 0.00	39.27 2.77 0.00	39.41 2.82 0.00	41.54 2.61 0.00	49.67 3.34 0.00	52.53 3.71 0.00	50.05 4.26 0.00	45.44 4.17 0.00	45.91 4.74 0.00	39.56 3.92 0.00	36.82 3.16 0.00	32.65 2.61 0.00
MARSH_HILL_WT_PWR 323713	28.29 -0.64 0.00	26.49 -0.79 0.00	24.92 -0.75 0.00	23.74 -0.99 0.00	23.56 -0.93 0.00	25.43 -0.68 0.00	28.43 -0.26 0.00	32.57 0.64 -0.05	34.29 0.30 -0.13	34.11 0.37 0.00	35.19 0.72 0.00	34.61 0.24 0.00	35.27 0.21 0.00	36.43 -0.07 0.00	35.68 -0.91 0.00	37.65 -1.28 0.00	44.85 -1.48 0.00	48.01 -0.88 -0.07	45.19 -0.60 0.00	41.55 0.12 -0.16	42.40 1.07 -0.16	36.60 0.96 0.00	34.40 0.74 0.00	30.85 0.81 0.00
MCINTYRE_115KV_TB2 80467	28.12 -0.81 0.00	26.85 -0.44 0.00	25.21 -0.46 0.00	24.35 -0.37 0.00	24.17 -0.32 0.00	25.75 -0.37 0.00	28.17 -0.52 0.00	31.34 -0.54 0.00	33.18 -0.68 0.00	33.06 -0.67 0.00	33.57 -0.90 0.00	33.37 -1.00 0.00	33.76 -1.30 0.01	29.70 -1.35 5.44	26.78 -1.35 8.46	22.74 -1.48 14.71	24.47 -1.95 19.91	23.32 -2.15 23.35	40.18 -1.92 3.69	39.58 -1.69 0.00	39.65 -1.52 0.00	34.36 -1.28 0.00	32.85 -0.81 0.00	29.35 -0.69 0.00
MECO_____69_KV_BK1 80468	32.66 3.73 0.00	30.59 3.30 0.00	28.57 2.90 0.00	27.49 2.77 0.00	27.16 2.67 0.00	29.12 3.00 0.00	32.33 3.64 0.00	35.83 3.95 0.00	38.05 4.20 0.00	37.68 3.95 0.00	38.26 3.79 0.00	38.08 3.71 0.00	39.16 4.10 0.00	40.62 4.12 0.00	40.77 4.17 0.00	43.06 4.13 0.00	51.47 5.14 0.00	54.92 6.10 0.00	52.06 6.27 0.00	47.17 5.90 0.00	47.64 6.46 0.00	41.02 5.38 0.00	38.14 4.48 0.00	33.73 3.69 0.00
MENANDS___115KV_TB5 355628	30.17 1.24 0.00	28.35 1.06 0.00	26.69 1.03 0.00	25.74 1.01 0.00	25.44 0.95 0.00	27.08 0.97 0.00	29.83 1.15 0.00	33.00 1.12 0.00	35.04 1.18 0.00	34.85 1.11 0.00	35.60 1.14 0.00	35.47 1.10 0.00	36.39 1.33 0.00	37.88 1.39 0.00	38.02 1.43 0.00	40.57 1.64 0.00	48.28 1.95 0.00	50.92 2.10 0.00	47.76 1.97 0.00	42.96 1.69 0.00	42.70 1.52 0.00	36.96 1.32 0.00	34.57 0.91 0.00	30.94 0.90 0.00
MG INDUSTRY___DRP 24185	30.09 1.16 0.00	28.27 0.98 0.00	26.62 0.95 0.00	25.67 0.94 0.00	25.37 0.88 0.00	27.03 0.91 0.00	29.72 1.03 0.00	32.87 0.99 0.00	34.87 1.02 0.00	34.61 0.88 0.00	35.29 0.83 0.00	35.06 0.69 0.00	35.90 0.84 0.00	37.37 0.88 0.00	37.51 0.91 0.00	40.02 1.09 0.00	47.68 1.34 0.00	50.33 1.51 0.00	47.30 1.51 0.00	42.63 1.36 0.00	42.45 1.28 0.00	36.85 1.21 0.00	34.54 0.88 0.00	30.88 0.84 0.00

MID___OSWEGATCHIE_HYD 23849	28.26 -0.67 0.00	26.77 -0.52 0.00	25.15 -0.51 0.00	24.26 -0.47 0.00	24.07 -0.42 0.00	25.80 -0.31 0.00	28.37 -0.32 0.00	31.68 -0.29 -0.08	33.69 -0.37 -0.21	33.36 -0.37 0.00	33.88 -0.59 0.00	33.75 -0.62 0.00	34.18 -0.88 0.00	32.13 -0.95 3.42	30.19 -1.10 5.31	28.49 -1.21 9.23	32.58 -1.25 12.50	33.01 -1.27 14.54	42.47 -1.01 2.32	40.69 -0.83 -0.25	40.81 -0.62 -0.25	35.18 -0.46 0.00	33.36 -0.30 0.00	29.77 -0.27 0.00
MID___RAQUETTE_HYD 23851	27.69 -1.24 0.00	26.41 -0.87 0.00	24.80 -0.87 0.00	23.93 -0.79 0.00	23.75 -0.73 0.00	25.33 -0.78 0.00	27.71 -0.98 0.00	30.87 -1.05 -0.04	32.81 -1.15 -0.11	32.66 -1.08 0.00	33.19 -1.28 0.00	32.99 -1.37 0.00	33.37 -1.68 0.01	29.60 -1.75 5.15	26.68 -1.90 8.01	22.95 -2.06 13.92	24.85 -2.64 18.84	23.90 -2.88 22.04	39.60 -2.70 3.49	38.96 -2.43 -0.13	39.08 -2.22 -0.13	33.79 -1.85 0.00	32.42 -1.25 0.00	29.05 -0.99 0.00
MILLIKEN___1 23584	29.51 0.58 0.00	27.64 0.35 0.00	26.00 0.33 0.00	24.97 0.25 0.00	24.76 0.27 0.00	26.51 0.39 0.00	29.34 0.66 0.00	32.83 0.80 -0.15	34.96 0.71 -0.39	34.41 0.67 0.00	35.09 0.62 0.00	35.09 0.72 0.00	35.90 0.84 0.00	37.34 0.84 0.00	37.29 0.70 0.00	39.63 0.70 0.00	47.21 0.88 0.00	50.25 1.22 -0.21	47.07 1.28 0.00	43.05 1.32 -0.46	43.25 1.61 -0.47	37.03 1.39 0.00	34.77 1.11 0.00	30.94 0.90 0.00
MILLIKEN___2 23585	29.51 0.58 0.00	27.64 0.35 0.00	26.00 0.33 0.00	24.97 0.25 0.00	24.76 0.27 0.00	26.51 0.39 0.00	29.34 0.66 0.00	32.83 0.80 -0.15	34.96 0.71 -0.39	34.41 0.67 0.00	35.09 0.62 0.00	35.09 0.72 0.00	35.90 0.84 0.00	37.34 0.84 0.00	37.29 0.70 0.00	39.63 0.70 0.00	47.21 0.88 0.00	50.25 1.22 -0.21	47.07 1.28 0.00	43.05 1.32 -0.46	43.25 1.61 -0.47	37.03 1.39 0.00	34.77 1.11 0.00	30.94 0.90 0.00
MILLIKEN___DIESEL 23629	29.51 0.58 0.00	27.64 0.35 0.00	26.00 0.33 0.00	24.97 0.25 0.00	24.76 0.27 0.00	26.51 0.39 0.00	29.34 0.66 0.00	32.83 0.80 -0.15	34.96 0.71 -0.39	34.41 0.67 0.00	35.09 0.62 0.00	35.09 0.72 0.00	35.90 0.84 0.00	37.34 0.84 0.00	37.29 0.70 0.00	39.63 0.70 0.00	47.21 0.88 0.00	50.25 1.22 -0.21	47.07 1.28 0.00	43.05 1.32 -0.46	43.25 1.61 -0.47	37.03 1.39 0.00	34.77 1.11 0.00	30.94 0.90 0.00
MILLSEAT___LFGE 323607	28.18 -0.75 0.00	26.25 -1.04 0.00	24.69 -0.98 0.00	23.49 -1.24 0.00	23.36 -1.13 0.00	25.20 -0.91 0.00	28.08 -0.60 0.00	31.05 -0.83 0.00	32.74 -1.12 0.00	33.03 -0.71 0.00	34.33 -0.14 0.00	34.02 -0.34 0.00	34.78 -0.28 0.00	36.13 -0.36 0.00	35.46 -1.13 0.00	37.18 -1.75 0.00	44.29 -2.04 0.00	47.01 -1.81 0.00	44.19 -1.60 0.00	40.40 -0.87 0.00	41.54 0.37 0.00	36.18 0.54 0.00	34.20 0.54 0.00	30.82 0.78 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.45 2.52 0.00	29.33 2.05 0.00	27.54 1.87 0.00	26.56 1.83 0.00	26.25 1.76 0.00	27.94 1.83 0.00	30.92 2.24 0.00	34.46 2.58 0.00	36.77 2.91 0.00	36.67 2.94 0.00	37.53 3.07 0.00	37.53 3.16 0.00	38.57 3.51 0.00	40.18 3.69 0.00	40.33 3.73 0.00	43.06 4.13 0.00	51.20 4.86 0.00	53.80 4.98 0.00	50.23 4.44 0.00	45.19 3.92 0.00	44.80 3.62 0.00	38.74 3.10 0.00	36.22 2.56 0.00	32.29 2.25 0.00
MILLWOOD_13_KV_LOAD 356217	31.56 2.63 0.00	29.44 2.16 0.00	27.64 1.98 0.00	26.63 1.90 0.00	26.32 1.84 0.00	28.02 1.91 0.00	31.04 2.35 0.00	34.59 2.71 0.00	36.94 3.08 0.00	36.84 3.10 0.00	37.67 3.21 0.00	37.70 3.33 0.00	38.74 3.68 0.00	40.37 3.87 0.00	40.55 3.95 0.00	43.22 4.28 0.00	51.43 5.10 0.00	54.04 5.22 0.00	50.46 4.67 0.00	45.40 4.13 0.00	45.00 3.83 0.00	38.92 3.28 0.00	36.39 2.73 0.00	32.41 2.37 0.00
MODEL_CITY_ENERGY 24167	27.37 -1.56 0.00	25.51 -1.77 0.00	24.02 -1.64 0.00	22.85 -1.88 0.00	22.72 -1.76 0.00	24.49 -1.62 0.00	27.25 -1.43 0.00	29.97 -1.91 0.00	31.55 -2.30 0.00	31.91 -1.82 0.00	33.29 -1.17 0.00	32.99 -1.38 0.00	33.69 -1.37 0.00	34.97 -1.53 0.00	34.25 -2.34 0.00	35.90 -3.04 0.00	42.72 -3.61 0.00	45.40 -3.42 0.00	42.63 -3.16 0.00	38.96 -2.31 0.00	40.15 -1.03 0.00	35.00 -0.64 0.00	33.16 -0.50 0.00	30.04 0.00 0.00
MODERN_LFGE___ 323580	27.37 -1.56 0.00	25.51 -1.77 0.00	24.02 -1.64 0.00	22.85 -1.88 0.00	22.72 -1.76 0.00	24.49 -1.62 0.00	27.25 -1.43 0.00	29.97 -1.91 0.00	31.55 -2.30 0.00	31.91 -1.82 0.00	33.29 -1.17 0.00	32.99 -1.38 0.00	33.69 -1.37 0.00	34.97 -1.53 0.00	34.25 -2.34 0.00	35.90 -3.04 0.00	42.72 -3.61 0.00	45.40 -3.42 0.00	42.63 -3.16 0.00	38.96 -2.31 0.00	40.15 -1.03 0.00	35.00 -0.64 0.00	33.16 -0.50 0.00	30.04 0.00 0.00
MOHAWK_PAPER___DRP 24187	30.35 1.42 0.00	28.49 1.20 0.00	26.80 1.13 0.00	25.84 1.11 0.00	25.54 1.05 0.00	27.21 1.10 0.00	29.98 1.29 0.00	33.16 1.28 0.00	35.24 1.39 0.00	35.05 1.32 0.00	35.81 1.34 0.00	35.67 1.31 0.00	36.57 1.51 0.00	38.10 1.61 0.00	38.24 1.65 0.00	40.76 1.83 0.00	48.51 2.18 0.00	51.21 2.39 0.00	48.08 2.29 0.00	43.25 1.98 0.00	43.03 1.85 0.00	37.21 1.57 0.00	34.84 1.18 0.00	31.15 1.11 0.00
MOHICAN___35_KV_115KV_LD 80490	31.01 2.08 0.00	29.09 1.80 0.00	27.26 1.59 0.00	26.26 1.53 0.00	25.96 1.47 0.00	27.71 1.59 0.00	30.64 1.95 0.00	33.89 2.01 0.00	36.12 2.27 0.00	36.00 2.26 0.00	36.43 1.96 0.00	36.29 1.92 0.00	36.99 1.93 0.00	38.47 1.97 0.00	38.54 1.94 0.00	40.96 2.02 0.00	48.74 2.41 0.00	51.70 2.88 0.00	48.90 3.11 0.00	44.12 2.85 0.00	44.35 3.17 0.00	38.24 2.60 0.00	35.71 2.05 0.00	31.78 1.74 0.00
MONGAUP___HYD 23641	31.24 2.32 0.00	29.14 1.86 0.00	27.39 1.72 0.00	26.36 1.63 0.00	26.06 1.57 0.00	27.79 1.67 0.00	30.69 2.01 0.00	34.02 2.14 0.00	36.26 2.40 0.00	36.13 2.40 0.00	37.02 2.55 0.00	36.81 2.44 0.00	37.80 2.74 0.00	39.35 2.85 0.00	39.52 2.93 0.00	42.20 3.27 0.00	50.18 3.84 0.00	53.02 4.20 0.00	49.73 3.94 0.00	44.82 3.55 0.00	44.59 3.42 0.00	38.56 2.92 0.00	35.98 2.32 0.00	32.02 1.98 0.00
MONTAUK___DIESEL 23721	43.79 3.44 -11.42	42.92 2.81 -12.83	38.44 2.57 -10.21	34.33 2.45 -7.15	31.72 2.35 -4.88	35.64 2.45 -7.07	38.12 2.95 -6.48	41.09 3.48 -5.73	44.01 4.23 -5.92	44.41 4.45 -6.22	47.83 5.00 -8.36	51.82 5.29 -12.16	54.53 5.61 -13.86	66.35 5.91 -23.94	65.03 5.89 -22.55	66.64 6.35 -21.36	105.12 7.64 -51.14	135.20 8.01 -78.37	132.21 7.28 -79.14	61.37 6.40 -13.70	55.43 6.05 -8.20	54.70 5.27 -13.79	46.99 4.27 -9.06	45.66 3.51 -12.11
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.00 -0.93 0.00	25.95 -1.34 0.00	24.41 -1.26 0.00	23.22 -1.51 0.00	23.09 -1.40 0.00	24.94 -1.18 0.00	28.00 -0.69 0.00	31.08 -0.80 0.00	32.77 -1.08 0.00	32.66 -1.08 0.00	33.71 -0.76 0.00	33.96 -0.41 0.00	34.99 -0.07 0.00	36.43 -0.07 0.00	35.94 -0.66 0.00	37.88 -1.05 0.00	45.17 -1.16 0.00	48.33 -0.49 0.00	45.38 -0.41 0.00	41.52 0.25 0.00	42.62 1.44 0.00	37.10 1.46 0.00	34.91 1.25 0.00	31.39 1.35 0.00

MORTIMER_115KV_TB3 55949	28.32 -0.61 0.00	26.41 -0.87 0.00	24.87 -0.80 0.00	23.79 -0.94 0.00	23.63 -0.86 0.00	25.36 -0.76 0.00	28.20 -0.49 0.00	31.31 -0.57 0.00	33.11 -0.74 0.00	32.96 -0.78 0.00	33.81 -0.65 0.00	33.99 -0.38 0.00	34.92 -0.14 0.00	36.28 -0.22 0.00	35.94 -0.66 0.00	37.88 -1.05 0.00	45.13 -1.20 0.00	47.74 -1.07 0.00	44.83 -0.96 0.00	40.73 -0.54 0.00	41.55 0.37 0.00	36.07 0.43 0.00	33.96 0.30 0.00	30.34 0.30 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.79 2.86 0.00	29.61 2.32 0.00	27.80 2.13 0.00	26.78 2.05 0.00	26.49 2.01 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.81 2.93 0.00	37.21 3.35 0.00	37.11 3.37 0.00	37.49 3.52 0.49	32.33 3.61 5.65	32.65 3.96 6.37	35.82 4.16 4.84	35.32 4.21 5.48	39.82 4.59 3.71	51.75 5.42 0.00	54.24 5.42 0.00	50.69 4.90 0.00	45.60 4.33 0.00	45.17 3.99 0.00	39.13 3.49 0.00	36.62 2.96 0.00	32.62 2.58 0.00
MUNSVILLE_WIND_PWR 323609	31.01 2.08 0.00	28.98 1.69 0.00	27.23 1.57 0.00	26.21 1.48 0.00	25.98 1.49 0.00	27.94 1.83 0.00	31.12 2.44 0.00	34.66 2.68 -0.10	36.57 2.47 -0.25	36.23 2.50 0.00	36.84 2.38 0.00	36.67 2.30 0.00	37.45 2.39 0.00	38.80 2.30 0.00	38.75 2.16 0.00	41.11 2.18 0.00	49.11 2.78 0.00	52.42 3.47 -0.13	49.55 3.76 0.00	45.15 3.59 -0.29	45.59 4.12 -0.30	39.38 3.74 0.00	36.69 3.03 0.00	32.68 2.64 0.00
N SALMON___HYD 24042	27.86 -1.07 0.00	26.58 -0.71 0.00	24.98 -0.69 0.00	24.08 -0.64 0.00	23.97 -0.52 0.00	25.54 -0.57 0.00	28.11 -0.57 0.00	31.34 -0.54 0.00	33.21 -0.64 0.00	33.16 -0.57 0.00	33.54 -0.93 0.00	33.58 -0.79 0.00	34.18 -0.88 0.01	29.47 -1.02 6.00	26.27 -0.99 9.34	21.54 -1.17 16.23	23.07 -1.30 21.97	21.65 -1.42 25.76	40.39 -1.33 4.07	40.07 -1.20 0.00	40.07 -1.11 0.00	34.57 -1.07 0.00	33.06 -0.60 0.00	29.53 -0.51 0.00
N.AKRON__115KV_KNAPP 355671	28.21 -0.72 0.00	26.17 -1.12 0.00	24.67 -1.00 0.00	23.49 -1.24 0.00	23.36 -1.13 0.00	25.17 -0.94 0.00	28.08 -0.60 0.00	31.02 -0.86 0.00	32.70 -1.15 0.00	32.45 -1.28 0.00	33.40 -1.07 0.00	33.71 -0.65 0.00	34.82 -0.25 0.00	36.10 -0.40 0.00	35.46 -1.13 0.00	37.18 -1.75 0.00	44.29 -2.04 0.00	47.01 -1.81 0.00	44.14 -1.65 0.00	40.36 -0.91 0.00	41.67 0.49 0.00	36.25 0.61 0.00	34.20 0.54 0.00	30.70 0.66 0.00
N.BELMOR_69_KV_BK1 55787	43.62 3.27 -11.42	42.81 2.70 -12.83	38.39 2.52 -10.21	34.30 2.42 -7.15	31.72 2.35 -4.88	35.64 2.45 -7.07	38.10 2.93 -6.48	40.99 3.38 -5.73	43.57 3.79 -5.92	43.80 3.85 -6.22	46.76 3.93 -8.36	50.51 4.09 -12.05	53.37 4.45 -13.86	65.03 4.60 -23.94	56.16 4.68 -14.88	65.40 5.10 -21.36	103.49 6.02 -51.13	79.49 6.20 -24.47	68.30 5.63 -16.88	50.81 4.91 -4.63	50.64 4.69 -4.77	49.31 4.13 -9.53	46.22 3.50 -9.06	45.21 3.06 -12.11
N.E_GEN_SANDY PD 24062	30.63 1.82 0.12	28.99 1.53 -0.18	30.30 1.39 -3.25	30.00 1.41 -3.87	28.30 1.37 -2.44	28.16 1.44 -0.61	30.75 1.66 -0.40	33.70 1.82 0.00	35.72 1.86 0.00	35.52 1.79 0.00	36.46 2.00 0.00	36.29 1.92 0.00	37.20 2.14 0.00	38.27 2.23 0.45	39.10 2.31 -0.19	41.80 2.61 -0.26	48.67 3.15 0.81	52.90 3.27 -0.81	49.06 3.02 -0.25	44.97 2.64 -1.06	42.21 2.35 1.31	37.60 1.96 0.00	35.14 1.48 0.00	31.42 1.38 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.42 2.49 0.00	29.28 1.99 0.00	27.52 1.85 0.00	26.51 1.78 0.00	26.20 1.71 0.00	27.89 1.78 0.00	30.86 2.18 0.00	34.40 2.52 0.00	36.73 2.88 0.00	36.64 2.90 0.00	37.50 3.03 0.00	37.50 3.13 0.00	38.57 3.51 0.00	40.18 3.69 0.00	40.33 3.73 0.00	43.06 4.13 0.00	51.20 4.86 0.00	53.85 5.03 0.00	50.28 4.49 0.00	45.19 3.92 0.00	44.80 3.62 0.00	38.74 3.10 0.00	36.19 2.52 0.00	32.26 2.22 0.00
N.QUEENS_27_KV_LOAD 356247	31.98 3.04 -0.01	29.85 2.56 0.00	28.04 2.36 -0.01	27.06 2.32 -0.01	26.72 2.23 -0.01	28.15 2.04 0.00	31.21 2.52 0.00	34.91 3.03 0.00	37.34 3.49 0.00	37.27 3.54 0.01	38.75 3.76 -0.52	44.41 3.85 -6.19	46.22 4.17 -6.99	46.22 4.42 -5.30	47.00 4.39 -6.01	47.63 4.75 -3.95	51.80 5.47 0.00	54.24 5.42 0.00	50.64 4.85 0.00	45.81 4.54 0.00	45.33 4.16 0.00	39.28 3.64 0.00	36.90 3.23 -0.01	32.83 2.79 0.00
N.TROY___115KV_TB1 355778	30.49 1.56 0.00	28.60 1.31 0.00	26.87 1.21 0.00	25.94 1.21 0.00	25.64 1.15 0.00	27.34 1.23 0.00	30.12 1.43 0.00	33.38 1.50 0.00	35.45 1.59 0.00	35.22 1.48 0.00	35.98 1.52 0.00	35.88 1.51 0.00	36.74 1.68 0.00	38.25 1.75 0.00	38.39 1.79 0.00	40.96 2.02 0.00	48.74 2.41 0.00	51.46 2.64 0.00	48.31 2.52 0.00	43.50 2.23 0.00	43.28 2.10 0.00	37.39 1.75 0.00	34.97 1.31 0.00	31.27 1.23 0.00
NARROWS_GT1_1 24228	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NARROWS_GT1_2 24229	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NARROWS_GT1_3 24230	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NARROWS_GT1_4 24231	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NARROWS_GT1_5 24232	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82

NARROWS_GT1_6 24233	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NARROWS_GT1_7 24234	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NARROWS_GT1_8 24235	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NARROWS_GT2_1 24236	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NARROWS_GT2_2 24237	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NARROWS_GT2_3 24238	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NARROWS_GT2_4 24239	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NARROWS_GT2_5 24240	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NARROWS_GT2_6 24241	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NARROWS_GT2_7 24242	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NARROWS_GT2_8 24243	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.86 4.65 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.64 1.71 0.00	28.73 1.45 0.00	27.11 1.44 0.00	26.09 1.36 0.00	25.78 1.30 0.00	27.47 1.36 0.00	30.23 1.55 0.00	33.19 1.31 0.00	35.21 1.35 0.00	34.92 1.18 0.00	35.50 1.03 0.00	35.16 0.79 0.00	36.11 1.05 0.00	37.67 1.17 0.00	37.80 1.21 0.00	40.30 1.36 0.00	48.09 1.76 0.00	51.02 2.20 0.00	48.08 2.29 0.00	43.29 2.02 0.00	43.23 2.06 0.00	37.53 1.89 0.00	35.01 1.35 0.00	31.30 1.26 0.00
NCHELSEA_115KV_TR2 355582	31.56 2.63 0.00	29.41 2.13 0.00	27.64 1.98 0.00	26.63 1.90 0.00	26.35 1.86 0.00	28.05 1.93 0.00	31.01 2.32 0.00	34.46 2.58 0.00	36.77 2.91 0.00	36.67 2.94 0.00	37.50 3.03 0.00	37.50 3.13 0.00	38.53 3.47 0.00	40.15 3.65 0.00	40.33 3.73 0.00	43.02 4.09 0.00	51.20 4.86 0.00	53.90 5.08 0.00	50.41 4.62 0.00	45.31 4.04 0.00	44.96 3.79 0.00	38.88 3.24 0.00	36.29 2.63 0.00	32.32 2.28 0.00
NEG CAPITAL____MECHNVIL 23645	30.90 1.97 0.00	29.01 1.72 0.00	27.18 1.51 0.00	26.21 1.48 0.00	25.91 1.42 0.00	27.65 1.54 0.00	30.49 1.81 0.00	33.79 1.91 0.00	35.96 2.10 0.00	35.83 2.09 0.00	36.57 2.10 0.00	36.36 1.99 0.00	37.20 2.14 0.00	38.72 2.23 0.00	38.79 2.20 0.00	41.31 2.38 0.00	49.21 2.87 0.00	52.04 3.22 0.00	48.99 3.20 0.00	44.12 2.85 0.00	44.06 2.88 0.00	38.07 2.42 0.00	35.58 1.92 0.00	31.72 1.68 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.00 -0.93 0.00	26.19 -1.09 0.00	24.64 -1.03 0.00	23.56 -1.16 0.00	23.39 -1.10 0.00	25.09 -1.02 0.00	27.88 -0.80 0.00	31.02 -0.86 0.00	32.81 -1.05 0.00	32.99 -0.74 0.00	34.02 -0.45 0.00	33.82 -0.55 0.00	34.54 -0.52 0.00	35.88 -0.62 0.00	35.57 -1.02 0.00	37.57 -1.36 0.00	44.76 -1.58 0.00	47.31 -1.51 0.00	44.46 -1.33 0.00	40.32 -0.95 0.00	40.89 -0.29 0.00	35.46 -0.18 0.00	33.43 -0.23 0.00	29.86 -0.18 0.00



NEG CENTRAL___DRP 24199	28.90 -0.03 0.00	27.01 -0.27 0.00	25.41 -0.26 0.00	24.38 -0.35 0.00	24.17 -0.32 0.00	25.93 -0.18 0.00	28.77 0.09 0.00	32.20 0.16 -0.16	34.32 0.07 -0.40	33.77 0.03 0.00	34.53 0.07 0.00	34.61 0.24 0.00	35.38 0.32 0.00	36.79 0.29 0.00	36.63 0.04 0.00	38.82 -0.12 0.00	46.24 -0.09 0.00	49.18 0.15 -0.21	46.02 0.23 0.00	42.15 0.41 -0.47	42.52 0.86 -0.48	36.42 0.78 0.00	34.23 0.57 0.00	30.46 0.42 0.00
NEG CENTRAL___INDECK 23768	29.16 0.23 0.00	27.20 -0.08 0.00	25.59 -0.08 0.00	24.38 -0.35 0.00	24.22 -0.27 0.00	26.09 -0.03 0.00	29.12 0.43 0.00	32.17 0.29 0.00	33.65 -0.20 0.00	33.74 0.00 0.00	34.67 0.21 0.00	34.33 -0.03 0.00	35.06 0.00 0.00	36.46 -0.04 0.00	36.19 -0.40 0.00	38.27 -0.66 0.00	45.73 -0.60 0.00	48.77 -0.05 0.00	46.25 0.46 0.00	42.34 1.07 0.00	43.31 2.14 0.00	37.56 1.92 0.00	35.34 1.68 0.00	31.57 1.53 0.00
NEG CENTRAL___SENECA 23627	28.93 0.00 0.00	26.99 -0.30 0.00	25.39 -0.28 0.00	24.33 -0.40 0.00	24.12 -0.37 0.00	25.90 -0.21 0.00	28.86 0.17 0.00	32.22 0.26 -0.08	34.17 0.10 -0.21	33.80 0.07 0.00	34.57 0.10 0.00	34.68 0.31 0.00	35.45 0.39 0.00	36.86 0.36 0.00	36.63 0.04 0.00	38.74 -0.19 0.00	46.19 -0.14 0.00	49.08 0.15 -0.11	46.06 0.27 0.00	42.01 0.50 -0.25	42.54 1.11 -0.25	36.67 1.03 0.00	34.43 0.77 0.00	30.67 0.63 0.00
NEG CENTRAL___STATE_STREET 24147	29.05 0.12 0.00	27.20 -0.08 0.00	25.59 -0.08 0.00	24.58 -0.15 0.00	24.36 -0.12 0.00	26.06 -0.05 0.00	28.86 0.17 0.00	32.34 0.26 -0.21	34.59 0.20 -0.53	33.97 0.24 0.00	34.71 0.24 0.00	34.75 0.38 0.00	35.52 0.46 0.00	36.97 0.47 0.00	36.89 0.29 0.00	39.21 0.27 0.00	46.66 0.32 0.00	49.64 0.54 -0.28	46.34 0.55 0.00	42.52 0.62 -0.63	42.71 0.91 -0.63	36.42 0.78 0.00	34.23 0.57 0.00	30.43 0.39 0.00
NEG MILLWOOD___DRP 24198	31.74 2.81 0.00	29.58 2.29 0.00	27.77 2.10 0.00	26.75 2.03 0.00	26.45 1.96 0.00	28.18 2.06 0.00	31.15 2.47 0.00	34.72 2.84 0.00	37.07 3.22 0.00	36.97 3.24 0.00	37.81 3.34 0.00	37.84 3.47 0.00	38.92 3.86 0.00	40.55 4.05 0.00	40.73 4.14 0.00	43.41 4.48 0.00	51.71 5.37 0.00	54.38 5.57 0.00	50.83 5.04 0.00	45.73 4.46 0.00	45.37 4.20 0.00	39.20 3.56 0.00	36.59 2.93 0.00	32.56 2.52 0.00
NEG NORTH_FLCN_SEA 23793	27.97 -0.95 0.00	26.69 -0.60 0.00	25.05 -0.62 0.00	24.16 -0.57 0.00	24.12 -0.37 0.00	25.70 -0.42 0.00	28.40 -0.29 0.00	31.69 -0.19 0.00	33.55 -0.30 0.00	33.74 0.00 0.00	34.33 -0.14 0.00	34.16 -0.21 0.00	34.77 -0.28 0.01	29.60 -0.51 6.39	26.26 -0.40 9.93	21.09 -0.58 17.26	22.55 -0.42 23.36	20.79 -0.63 27.39	40.96 -0.50 4.33	40.82 -0.45 0.00	40.76 -0.41 0.00	35.14 -0.50 0.00	33.56 -0.10 0.00	30.04 0.00 0.00
NEG NORTH_KES_CHATEGAY 23792	27.71 -1.22 0.00	26.44 -0.85 0.00	24.85 -0.82 0.00	23.96 -0.77 0.00	23.87 -0.61 0.00	25.41 -0.71 0.00	27.91 -0.77 0.00	31.12 -0.77 0.00	33.01 -0.85 0.00	33.06 -0.67 0.00	33.71 -0.76 0.00	33.51 -0.86 0.00	34.00 -1.05 0.01	29.00 -1.20 6.29	25.64 -1.17 9.78	20.60 -1.32 17.01	21.87 -1.44 23.02	20.26 -1.56 26.99	40.15 -1.37 4.27	40.03 -1.24 0.00	39.94 -1.24 0.00	34.46 -1.18 0.00	32.95 -0.71 0.00	29.47 -0.57 0.00
NEG NORTH___ALICE_FALLS 23915	27.97 -0.95 0.00	26.69 -0.60 0.00	25.05 -0.62 0.00	24.16 -0.57 0.00	24.09 -0.39 0.00	25.67 -0.44 0.00	28.40 -0.29 0.00	31.66 -0.22 0.00	33.55 -0.30 0.00	33.70 -0.03 0.00	34.26 -0.21 0.00	34.09 -0.27 0.00	34.70 -0.35 0.01	29.58 -0.55 6.37	26.21 -0.48 9.91	21.09 -0.62 17.22	22.56 -0.46 23.31	20.85 -0.63 27.33	40.97 -0.50 4.32	40.86 -0.41 0.00	40.76 -0.41 0.00	35.14 -0.50 0.00	33.49 -0.17 0.00	29.98 -0.06 0.00
NEG NORTH___LWR_SARANAC 23913	27.97 -0.95 0.00	26.69 -0.60 0.00	25.05 -0.62 0.00	24.16 -0.57 0.00	24.09 -0.39 0.00	25.67 -0.44 0.00	28.40 -0.29 0.00	31.66 -0.22 0.00	33.55 -0.30 0.00	33.70 -0.03 0.00	34.26 -0.21 0.00	34.09 -0.27 0.00	34.70 -0.35 0.01	29.58 -0.55 6.37	26.21 -0.48 9.91	21.09 -0.62 17.22	22.56 -0.46 23.31	20.85 -0.63 27.33	40.97 -0.50 4.32	40.86 -0.41 0.00	40.76 -0.41 0.00	35.14 -0.50 0.00	33.49 -0.17 0.00	29.98 -0.06 0.00
NEG NORTH___PLATTSBURG 23628	27.98 -0.95 0.00	26.66 -0.63 0.00	25.05 -0.62 0.00	24.16 -0.57 0.00	24.09 -0.39 0.00	25.67 -0.44 0.00	28.40 -0.29 0.00	31.66 -0.22 0.00	33.55 -0.31 0.00	33.57 -0.17 0.00	33.98 -0.48 0.00	33.99 -0.38 0.00	34.70 -0.35 0.01	29.58 -0.55 6.37	26.21 -0.48 9.91	21.09 -0.62 17.22	22.56 -0.46 23.31	20.85 -0.64 27.33	40.97 -0.50 4.32	40.86 -0.41 0.00	40.76 -0.41 0.00	35.14 -0.50 0.00	33.49 -0.17 0.00	29.98 -0.06 0.00
NEG WEST_LEA_LOCKPORT 23791	27.66 -1.27 0.00	25.68 -1.61 0.00	24.20 -1.46 0.00	23.04 -1.68 0.00	22.92 -1.57 0.00	24.70 -1.41 0.00	27.54 -1.15 0.00	30.32 -1.56 0.00	31.96 -1.90 0.00	31.71 -2.02 0.00	32.71 -1.76 0.00	33.06 -1.31 0.00	34.11 -0.95 0.00	35.40 -1.09 0.00	34.69 -1.90 0.00	36.36 -2.57 0.00	43.27 -3.06 0.00	45.99 -2.83 0.00	43.13 -2.66 0.00	39.50 -1.77 0.00	40.80 -0.37 0.00	35.53 -0.11 0.00	33.59 -0.07 0.00	30.22 0.18 0.00
NEG WEST___LANCASTR 23811	28.15 -0.78 0.00	26.14 -1.15 0.00	24.59 -1.08 0.00	23.42 -1.31 0.00	23.26 -1.22 0.00	25.10 -1.02 0.00	28.11 -0.57 0.00	30.99 -0.89 0.00	32.70 -1.15 0.00	32.49 -1.25 0.00	33.47 -1.00 0.00	33.75 -0.62 0.00	34.75 -0.32 0.00	36.13 -0.36 0.00	35.68 -0.91 0.00	37.57 -1.36 0.00	44.71 -1.62 0.00	47.70 -1.12 0.00	44.60 -1.19 0.00	40.65 -0.62 0.00	41.59 0.41 0.00	36.18 0.53 0.00	34.03 0.37 0.00	30.73 0.69 0.00
NEG_PENN_ALLEGHNY 23528	29.28 0.35 0.00	27.42 0.14 0.00	25.77 0.10 0.00	24.75 0.02 0.00	24.51 0.02 0.00	26.25 0.13 0.00	29.09 0.40 0.00	32.45 0.48 -0.09	34.50 0.41 -0.24	34.31 0.57 0.00	35.29 0.83 0.00	35.09 0.72 0.00	35.87 0.81 0.00	37.30 0.80 0.00	37.22 0.62 0.00	39.55 0.62 0.00	47.12 0.79 0.00	49.97 1.03 -0.13	46.75 0.96 0.00	42.54 0.99 -0.28	42.69 1.23 -0.28	36.75 1.11 0.00	34.50 0.84 0.00	30.82 0.78 0.00
NEG___GEN_MONROE 24207	28.32 -0.61 0.00	26.36 -0.93 0.00	24.82 -0.85 0.00	23.71 -1.01 0.00	23.58 -0.91 0.00	25.33 -0.78 0.00	28.23 -0.46 0.00	31.28 -0.61 0.00	33.11 -0.74 0.00	32.89 -0.84 0.00	33.74 -0.72 0.00	33.96 -0.41 0.00	34.92 -0.14 0.00	36.21 -0.29 0.00	35.79 -0.81 0.00	37.69 -1.25 0.00	44.94 -1.39 0.00	47.55 -1.27 0.00	44.65 -1.14 0.00	40.61 -0.66 0.00	41.42 0.25 0.00	36.03 0.39 0.00	34.00 0.34 0.00	30.43 0.39 0.00
NEPA___ENERGY 23901	28.15 -0.78 0.00	26.17 -1.12 0.00	24.62 -1.05 0.00	23.44 -1.29 0.00	23.29 -1.20 0.00	25.12 -0.99 0.00	28.11 -0.57 0.00	31.08 -0.80 0.00	32.81 -1.05 0.00	32.66 -1.08 0.00	33.57 -0.90 0.00	33.89 -0.48 0.00	34.92 -0.14 0.00	36.28 -0.22 0.00	35.86 -0.73 0.00	37.84 -1.09 0.00	45.03 -1.30 0.00	48.09 -0.73 0.00	44.92 -0.87 0.00	40.94 -0.33 0.00	41.88 0.70 0.00	36.39 0.75 0.00	34.23 0.57 0.00	30.82 0.78 0.00

NEVERSINK___HYD 23608	31.01 2.08 0.00	28.90 1.61 0.00	27.16 1.49 0.00	26.13 1.41 0.00	25.86 1.37 0.00	27.55 1.44 0.00	30.46 1.78 0.00	33.83 1.94 0.00	36.09 2.23 0.00	36.00 2.26 0.00	36.91 2.45 0.00	36.77 2.40 0.00	37.76 2.70 0.00	38.21 1.72 0.00	38.43 1.83 0.00	41.00 2.06 0.00	48.83 2.50 0.00	51.50 2.68 0.00	48.26 2.47 0.00	43.33 2.06 0.00	43.07 1.90 0.00	38.31 2.67 0.00	35.75 2.09 0.00	31.81 1.77 0.00
NEWKRMKL_115KV_TB1 55635	30.03 1.10 0.00	28.21 0.93 0.00	26.59 0.92 0.00	25.64 0.91 0.00	25.34 0.86 0.00	26.98 0.86 0.00	29.69 1.00 0.00	32.81 0.92 0.00	34.87 1.02 0.00	34.71 0.98 0.00	35.43 0.97 0.00	35.30 0.93 0.00	36.18 1.12 0.00	37.67 1.17 0.00	37.80 1.21 0.00	40.34 1.40 0.00	48.00 1.67 0.00	50.58 1.76 0.00	47.48 1.69 0.00	42.71 1.44 0.00	42.45 1.28 0.00	36.78 1.14 0.00	34.43 0.77 0.00	30.79 0.75 0.00
NEWTON___FALLS_HYD 23847	28.26 -0.67 0.00	26.77 -0.52 0.00	25.15 -0.51 0.00	24.26 -0.47 0.00	24.07 -0.42 0.00	25.80 -0.31 0.00	28.37 -0.32 0.00	31.68 -0.29 -0.08	33.69 -0.37 -0.21	33.36 -0.37 0.00	33.88 -0.59 0.00	33.75 -0.62 0.00	34.18 -0.88 0.00	32.13 -0.95 3.42	30.19 -1.10 5.31	28.49 -1.21 9.23	32.58 -1.25 12.50	33.01 -1.27 14.54	42.47 -1.01 2.32	40.69 -0.83 -0.25	40.81 -0.62 -0.25	35.18 -0.46 0.00	33.36 -0.30 0.00	29.77 -0.27 0.00
NGRID_A1_DSASP 323792	26.96 -1.97 0.00	25.16 -2.13 0.00	23.64 -2.03 0.00	22.50 -2.23 0.00	22.38 -2.11 0.00	24.10 -2.01 0.00	26.91 -1.78 0.00	29.62 -2.26 0.00	31.18 -2.68 0.00	31.58 -2.16 0.00	32.95 -1.52 0.00	32.65 -1.72 0.00	33.31 -1.75 0.00	34.56 -1.94 0.00	33.85 -2.75 0.00	35.47 -3.47 0.00	42.16 -4.17 0.00	44.82 -4.00 0.00	42.08 -3.71 0.00	38.46 -2.81 0.00	39.65 -1.52 0.00	34.61 -1.03 0.00	32.82 -0.84 0.00	29.65 -0.39 0.00
NGRID_A2_DSASP 323793	26.96 -1.97 0.00	25.16 -2.13 0.00	23.64 -2.03 0.00	22.50 -2.23 0.00	22.38 -2.11 0.00	24.10 -2.01 0.00	26.91 -1.78 0.00	29.62 -2.26 0.00	31.18 -2.68 0.00	31.58 -2.16 0.00	32.95 -1.52 0.00	32.65 -1.72 0.00	33.31 -1.75 0.00	34.56 -1.94 0.00	33.85 -2.75 0.00	35.47 -3.47 0.00	42.16 -4.17 0.00	44.82 -4.00 0.00	42.08 -3.71 0.00	38.46 -2.81 0.00	39.65 -1.52 0.00	34.61 -1.03 0.00	32.82 -0.84 0.00	29.65 -0.39 0.00
NGRID_A4_DSASP 323807	26.96 -1.97 0.00	25.16 -2.13 0.00	23.64 -2.03 0.00	22.50 -2.23 0.00	22.38 -2.11 0.00	24.10 -2.01 0.00	26.91 -1.78 0.00	29.62 -2.26 0.00	31.18 -2.68 0.00	31.58 -2.16 0.00	32.95 -1.52 0.00	32.65 -1.72 0.00	33.31 -1.75 0.00	34.56 -1.94 0.00	33.85 -2.75 0.00	35.47 -3.47 0.00	42.16 -4.17 0.00	44.82 -4.00 0.00	42.08 -3.71 0.00	38.46 -2.81 0.00	39.65 -1.52 0.00	34.61 -1.03 0.00	32.82 -0.84 0.00	29.65 -0.39 0.00
NIAGARA_115E_LBMP 323715	27.22 -1.71 0.00	25.38 -1.91 0.00	23.90 -1.77 0.00	22.72 -2.00 0.00	22.62 -1.86 0.00	24.36 -1.75 0.00	27.08 -1.61 0.00	29.75 -2.14 0.00	31.32 -2.54 0.00	31.68 -2.06 0.00	33.05 -1.41 0.00	32.75 -1.61 0.00	33.41 -1.65 0.00	34.71 -1.79 0.00	34.00 -2.60 0.00	35.62 -3.31 0.00	42.35 -3.98 0.00	45.01 -3.81 0.00	42.27 -3.52 0.00	38.67 -2.60 0.00	39.86 -1.32 0.00	34.75 -0.89 0.00	32.95 -0.71 0.00	29.86 -0.18 0.00
NIAGARA_115W_LBMP 323714	26.88 -2.05 0.00	25.08 -2.21 0.00	23.59 -2.08 0.00	22.43 -2.30 0.00	22.31 -2.18 0.00	24.02 -2.09 0.00	26.82 -1.86 0.00	29.52 -2.36 0.00	31.08 -2.78 0.00	31.51 -2.23 0.00	32.85 -1.62 0.00	32.55 -1.82 0.00	33.20 -1.86 0.00	34.45 -2.04 0.00	33.78 -2.82 0.00	35.35 -3.58 0.00	42.07 -4.26 0.00	44.67 -4.15 0.00	41.94 -3.85 0.00	38.34 -2.93 0.00	39.57 -1.61 0.00	34.50 -1.14 0.00	32.72 -0.94 0.00	29.56 -0.48 0.00
NIAGARA_230_LBMP 323716	27.31 -1.62 0.00	25.48 -1.80 0.00	23.97 -1.69 0.00	22.80 -1.93 0.00	22.67 -1.81 0.00	24.42 -1.70 0.00	27.25 -1.43 0.00	30.00 -1.88 0.00	31.59 -2.27 0.00	31.98 -1.76 0.00	33.33 -1.14 0.00	33.06 -1.31 0.00	33.73 -1.33 0.00	35.00 -1.50 0.00	34.33 -2.27 0.00	35.97 -2.96 0.00	42.81 -3.52 0.00	45.45 -3.37 0.00	42.67 -3.12 0.00	39.00 -2.27 0.00	40.15 -1.03 0.00	35.00 -0.64 0.00	33.19 -0.47 0.00	29.98 -0.06 0.00
NIAGARA___115KV_198_GIBSON 55903	26.90 -2.03 0.00	24.99 -2.29 0.00	23.54 -2.13 0.00	22.43 -2.30 0.00	22.31 -2.18 0.00	24.02 -2.09 0.00	26.82 -1.86 0.00	29.52 -2.36 0.00	31.08 -2.78 0.00	30.87 -2.87 0.00	31.81 -2.65 0.00	32.20 -2.17 0.00	33.20 -1.86 0.00	34.42 -2.08 0.00	33.78 -2.82 0.00	35.35 -3.58 0.00	42.07 -4.26 0.00	44.67 -4.15 0.00	41.90 -3.89 0.00	38.38 -2.89 0.00	39.73 -1.44 0.00	34.57 -1.07 0.00	32.72 -0.94 0.00	29.47 -0.57 0.00
NIAGARA___ 23760	27.31 -1.62 0.00	25.48 -1.80 0.00	23.97 -1.69 0.00	22.80 -1.93 0.00	22.67 -1.81 0.00	24.42 -1.70 0.00	27.25 -1.43 0.00	30.00 -1.88 0.00	31.59 -2.27 0.00	31.98 -1.76 0.00	33.33 -1.14 0.00	33.06 -1.31 0.00	33.73 -1.33 0.00	35.00 -1.50 0.00	34.33 -2.27 0.00	35.97 -2.96 0.00	42.81 -3.52 0.00	45.45 -3.37 0.00	42.67 -3.12 0.00	39.00 -2.27 0.00	40.15 -1.03 0.00	35.00 -0.64 0.00	33.19 -0.47 0.00	29.98 -0.06 0.00
NINE_MILE_1 23575	28.09 -0.84 0.00	26.44 -0.85 0.00	24.90 -0.77 0.00	23.93 -0.79 0.00	23.73 -0.76 0.00	25.30 -0.81 0.00	27.88 -0.80 0.00	29.56 -0.93 1.40	29.26 -1.01 3.58	32.83 -0.91 0.00	33.64 -0.83 0.00	33.51 -0.86 0.00	34.19 -0.88 0.00	35.59 -0.91 0.00	35.57 -1.02 0.00	37.80 -1.13 0.00	44.99 -1.35 0.00	45.54 -1.37 1.91	44.56 -1.23 0.00	35.97 -1.07 4.23	36.01 -0.91 4.26	34.86 -0.78 0.00	32.85 -0.81 0.00	29.32 -0.72 0.00
NINE_MILE_2 23744	28.09 -0.84 0.00	26.44 -0.85 0.00	24.90 -0.77 0.00	23.93 -0.79 0.00	23.73 -0.76 0.00	25.30 -0.81 0.00	27.88 -0.80 0.00	29.54 -0.93 1.42	29.21 -1.01 3.63	32.83 -0.91 0.00	33.64 -0.83 0.00	33.51 -0.86 0.00	34.19 -0.88 0.00	35.59 -0.91 0.00	35.57 -1.02 0.00	37.80 -1.13 0.00	44.99 -1.35 0.00	45.51 -1.37 1.94	44.56 -1.23 0.00	35.91 -1.07 4.29	35.94 -0.91 4.33	34.86 -0.78 0.00	32.85 -0.81 0.00	29.32 -0.72 0.00
NM_CAPITAL___DRP 24208	30.12 1.19 0.00	28.27 0.98 0.00	26.64 0.98 0.00	25.69 0.96 0.00	25.39 0.91 0.00	27.03 0.91 0.00	29.75 1.06 0.00	32.90 1.02 0.00	34.97 1.12 0.00	34.78 1.05 0.00	35.53 1.07 0.00	35.36 1.00 0.00	36.29 1.23 0.00	37.78 1.28 0.00	37.91 1.32 0.00	40.45 1.52 0.00	48.14 1.81 0.00	50.77 1.95 0.00	47.62 1.83 0.00	42.84 1.57 0.00	42.58 1.40 0.00	36.85 1.21 0.00	34.50 0.84 0.00	30.88 0.84 0.00
NM_CENTRAL___DRP 24181	28.73 -0.20 0.00	26.96 -0.33 0.00	25.39 -0.28 0.00	24.40 -0.32 0.00	24.17 -0.32 0.00	25.83 -0.29 0.00	28.51 -0.17 0.00	31.86 -0.16 -0.14	34.00 -0.20 -0.35	33.57 -0.17 0.00	34.33 -0.14 0.00	34.30 -0.07 0.00	35.10 0.04 0.00	36.53 0.04 0.00	36.49 -0.11 0.00	38.78 -0.16 0.00	46.05 -0.28 0.00	48.81 -0.20 -0.19	45.65 -0.14 0.00	41.60 -0.08 -0.41	41.71 0.12 -0.41	35.82 0.18 0.00	33.69 0.03 0.00	30.01 -0.03 0.00

NM_FRONTIER___DRP 24179	26.90 -2.03 0.00	24.99 -2.29 0.00	23.54 -2.13 0.00	22.43 -2.30 0.00	22.31 -2.18 0.00	24.02 -2.09 0.00	26.82 -1.86 0.00	29.52 -2.36 0.00	31.08 -2.78 0.00	30.87 -2.87 0.00	31.81 -2.65 0.00	32.20 -2.17 0.00	33.20 -1.86 0.00	34.42 -2.08 0.00	33.78 -2.82 0.00	35.35 -3.58 0.00	42.07 -4.26 0.00	44.67 -4.15 0.00	41.90 -3.89 0.00	38.38 -2.89 0.00	39.73 -1.44 0.00	34.57 -1.07 0.00	32.72 -0.94 0.00	29.47 -0.57 0.00
NM_ST_REGIS___HYD 24053	27.69 -1.24 0.00	26.41 -0.87 0.00	24.82 -0.85 0.00	23.96 -0.77 0.00	23.78 -0.71 0.00	25.36 -0.76 0.00	27.77 -0.92 0.00	30.92 -0.96 0.00	32.81 -1.05 0.00	32.79 -0.94 0.00	33.33 -1.14 0.00	33.17 -1.20 0.00	33.55 -1.51 0.01	29.57 -1.61 5.33	26.59 -1.72 8.28	22.67 -1.87 14.39	24.48 -2.36 19.49	23.38 -2.59 22.85	39.80 -2.38 3.61	39.12 -2.15 0.00	39.20 -1.98 0.00	33.93 -1.71 0.00	32.55 -1.11 0.00	29.14 -0.90 0.00
NORTHPORT___1 23551	43.30 2.95 -11.42	42.62 2.51 -12.83	38.23 2.36 -10.21	34.20 2.32 -7.15	31.65 2.28 -4.88	35.54 2.35 -7.07	38.01 2.84 -6.48	40.90 3.28 -5.73	43.30 3.52 -5.92	43.53 3.57 -6.22	46.62 3.79 -8.36	47.76 3.51 -9.88	47.77 3.79 -8.92	47.74 3.98 -7.26	47.70 4.06 -7.04	47.86 4.40 -4.53	48.09 5.14 3.38	48.38 5.27 5.71	48.38 4.72 2.13	48.09 4.17 -2.65	48.09 3.99 -2.92	47.46 3.39 -8.43	45.78 3.06 -9.06	44.91 2.76 -12.11
NORTHPORT___2 23552	43.30 2.95 -11.42	42.62 2.51 -12.83	38.23 2.36 -10.21	34.20 2.32 -7.15	31.65 2.28 -4.88	35.54 2.35 -7.07	38.01 2.84 -6.48	40.90 3.28 -5.73	43.30 3.52 -5.92	43.53 3.57 -6.22	46.62 3.79 -8.36	47.76 3.51 -9.88	47.77 3.79 -8.92	47.74 3.98 -7.26	47.70 4.06 -7.04	47.86 4.40 -4.53	48.09 5.14 3.38	48.38 5.27 5.71	48.38 4.72 2.13	48.09 4.17 -2.65	48.09 3.99 -2.92	47.46 3.39 -8.43	45.78 3.06 -9.06	44.91 2.76 -12.11
NORTHPORT___3 23553	43.04 2.69 -11.42	42.40 2.29 -12.83	37.98 2.11 -10.21	33.91 2.03 -7.15	31.35 1.98 -4.88	35.22 2.04 -7.07	37.66 2.49 -6.48	40.52 2.90 -5.73	43.00 3.22 -5.92	43.09 3.14 -6.22	46.20 3.38 -8.36	47.62 3.37 -9.88	47.62 3.65 -8.91	47.62 3.87 -7.26	47.62 3.99 -7.03	47.78 4.32 -4.52	48.04 5.10 3.39	48.27 5.17 5.72	48.28 4.62 2.14	48.00 4.09 -2.65	48.07 3.75 -3.15	47.52 3.17 -8.71	45.41 2.69 -9.06	44.67 2.52 -12.11
NORTHPORT___4 23650	43.04 2.69 -11.42	42.40 2.29 -12.83	37.98 2.11 -10.21	33.91 2.03 -7.15	31.35 1.98 -4.88	35.22 2.04 -7.07	37.66 2.49 -6.48	40.52 2.90 -5.73	43.00 3.22 -5.92	43.09 3.14 -6.22	46.20 3.38 -8.36	47.62 3.37 -9.88	47.62 3.65 -8.91	47.62 3.87 -7.26	47.62 3.99 -7.03	47.78 4.32 -4.52	48.04 5.10 3.39	48.27 5.17 5.72	48.28 4.62 2.14	48.00 4.09 -2.65	48.07 3.75 -3.15	47.52 3.17 -8.71	45.41 2.69 -9.06	44.67 2.52 -12.11
NORTHPORT___IC 23718	43.30 2.95 -11.42	42.59 2.48 -12.83	38.24 2.36 -10.21	34.20 2.32 -7.15	31.65 2.28 -4.88	35.56 2.38 -7.07	38.01 2.84 -6.48	40.87 2.90 -5.73	43.30 3.52 -5.92	43.46 3.51 -6.22	46.41 3.58 -8.36	47.69 3.44 -9.88	47.77 3.79 -8.92	47.70 3.94 -7.26	47.70 4.06 -7.04	47.86 4.40 -4.53	48.09 5.14 3.38	48.38 5.27 5.71	48.38 4.72 2.13	48.09 4.17 -2.65	47.97 3.87 -2.92	47.42 3.35 -8.43	45.78 3.06 -9.06	44.94 2.79 -12.11
NORTH___COUNTRY_ESR 323785	27.66 -1.27 0.00	26.36 -0.93 0.00	24.77 -0.90 0.00	23.91 -0.82 0.00	23.83 -0.66 0.00	25.36 -0.76 0.00	27.85 -0.83 0.00	31.09 -0.80 0.00	32.98 -0.88 0.00	32.89 -0.84 0.00	33.33 -1.14 0.00	33.37 -1.00 0.00	33.97 -1.09 0.01	28.97 -1.24 6.29	25.61 -1.21 9.78	20.57 -1.36 17.00	21.83 -1.48 23.01	20.17 -1.66 26.98	40.01 -1.51 4.27	39.91 -1.36 0.00	39.82 -1.36 0.00	34.39 -1.25 0.00	32.85 -0.81 0.00	29.38 -0.66 0.00
NPX_GEN_1385_PROXY 323591	42.48 2.26 -11.30	42.14 1.91 -12.95	37.80 1.93 -10.21	34.03 2.15 -7.15	31.57 2.20 -4.88	35.38 2.19 -7.07	37.84 2.67 -6.48	40.58 2.97 -5.73	42.76 2.98 -5.92	42.99 3.04 -6.22	45.93 3.10 -8.36	47.03 2.78 -9.88	47.20 3.22 -8.92	46.78 3.47 -6.81	47.38 3.55 -7.24	47.73 4.01 -4.79	47.28 5.14 4.20	49.63 5.71 4.90	49.04 5.13 1.88	49.15 4.17 -3.71	46.78 3.99 -1.61	46.64 2.57 -8.43	44.41 2.05 -8.70	41.79 1.86 -9.89
NPX_GEN_CSC 323557	43.38 3.15 -11.30	42.83 2.59 -12.95	38.26 2.39 -10.21	34.18 2.30 -7.15	31.62 2.25 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.87 3.25 -5.73	43.47 3.69 -5.92	43.73 3.78 -6.22	47.07 4.24 -8.36	50.72 4.19 -12.16	53.41 4.49 -13.86	64.73 4.74 -23.49	64.15 4.83 -22.72	65.77 5.22 -21.62	102.87 6.21 -50.33	134.33 6.44 -79.06	130.85 5.82 -79.25	61.12 5.12 -14.74	52.88 4.82 -6.89	53.52 4.10 -13.78	46.11 3.40 -9.06	45.03 2.88 -12.11
NSINS_S_GLNS_FALLS 23858	30.98 2.05 0.00	29.09 1.80 0.00	27.23 1.57 0.00	26.23 1.51 0.00	25.93 1.44 0.00	27.71 1.59 0.00	30.61 1.92 0.00	33.83 1.94 0.00	36.09 2.23 0.00	35.96 2.23 0.00	36.36 1.90 0.00	36.22 1.86 0.00	36.92 1.86 0.00	38.36 1.86 0.00	38.46 1.87 0.00	40.84 1.91 0.00	48.65 2.32 0.00	51.55 2.73 0.00	48.86 3.07 0.00	44.08 2.81 0.00	44.30 3.13 0.00	38.24 2.60 0.00	35.68 2.02 0.00	31.75 1.71 0.00
NUCOR_STEEL___DRP 24197	29.10 0.17 0.00	27.26 -0.03 0.00	25.67 0.00 0.00	24.63 -0.10 0.00	24.44 -0.05 0.00	26.14 0.03 0.00	28.91 0.23 0.00	32.39 0.29 -0.22	34.66 0.24 -0.57	33.94 0.20 0.00	34.71 0.24 0.00	34.71 0.34 0.00	35.48 0.42 0.00	36.94 0.44 0.00	36.85 0.26 0.00	39.17 0.23 0.00	46.61 0.28 0.00	49.56 0.44 -0.30	46.29 0.50 0.00	42.52 0.58 -0.67	42.72 0.86 -0.68	36.39 0.75 0.00	34.23 0.57 0.00	30.46 0.42 0.00
NUMBER_THREE_WT_PWR 323818	28.90 -0.03 0.00	27.18 -0.11 0.00	25.57 -0.10 0.00	24.65 -0.07 0.00	24.44 -0.05 0.00	26.35 0.23 0.00	29.09 0.40 0.00	32.49 0.51 -0.10	34.58 0.47 -0.25	34.21 0.47 0.00	34.74 0.27 0.00	34.64 0.27 0.00	35.02 -0.04 0.00	35.07 -0.11 1.32	34.33 -0.22 2.05	35.10 -0.27 3.56	41.92 0.42 4.83	43.93 0.63 5.52	45.76 0.87 0.89	42.44 0.87 -0.30	42.59 1.11 -0.30	36.67 1.03 0.00	34.44 0.77 0.00	30.64 0.60 0.00
NYISO_LBMP_REFERENCE 24008	28.93 0.00 0.00	27.29 0.00 0.00	25.67 0.00 0.00	24.73 0.00 0.00	24.49 0.00 0.00	26.11 0.00 0.00	28.68 0.00 0.00	31.88 0.00 0.00	33.86 0.00 0.00	33.74 0.00 0.00	34.46 0.00 0.00	34.37 0.00 0.00	35.06 0.00 0.00	36.50 0.00 0.00	36.60 0.00 0.00	38.93 0.00 0.00	46.33 0.00 0.00	48.82 0.00 0.00	45.79 0.00 0.00	41.27 0.00 0.00	41.18 0.00 0.00	35.64 0.00 0.00	33.66 0.00 0.00	30.04 0.00 0.00
NYPA_BRENTWD____GT 24164	43.82 3.47 -11.42	43.03 2.92 -12.83	38.59 2.72 -10.21	34.53 2.65 -7.15	31.94 2.57 -4.88	35.88 2.69 -7.07	38.41 3.24 -6.48	41.31 3.70 -5.73	43.84 4.06 -5.92	44.10 4.15 -6.22	47.34 4.51 -8.36	51.16 4.37 -12.43	53.65 4.70 -13.89	65.25 4.82 -23.94	57.99 4.91 -16.49	65.63 5.33 -21.36	103.45 5.98 -51.14	90.78 6.15 -35.81	81.30 5.54 -29.97	52.84 5.03 -6.54	62.34 5.02 -16.14	63.54 4.27 -23.62	46.42 3.70 -9.06	45.39 3.25 -12.11

NYPA_GOWANUS____GT5 24156	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.82 4.61 -8.62	49.80 4.95 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.49 5.17 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NYPA_GOWANUS____GT6 24157	33.51 3.15 -1.42	29.91 2.62 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.75 4.10 -19.19	47.07 4.05 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.82 4.61 -8.62	49.80 4.95 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.49 5.17 -25.53	84.53 4.83 -38.43	46.65 4.53 -0.95	52.26 3.92 -12.70	54.03 3.33 -17.04	57.74 2.88 -24.82
NYPA_HARLEM__RVR__GT1 24160	31.92 2.98 -0.01	29.79 2.51 0.00	27.96 2.28 -0.01	26.98 2.25 -0.01	26.65 2.16 -0.01	28.07 1.96 0.00	31.11 2.44 0.01	34.80 2.93 0.01	37.23 3.39 0.01	37.17 3.44 0.01	38.81 3.83 -0.52	44.33 3.78 -6.18	46.11 4.07 -6.98	46.10 4.30 -5.30	46.91 4.32 -6.00	47.48 4.59 -3.95	51.65 5.33 0.01	54.08 5.27 0.01	50.45 4.67 0.01	45.68 4.42 0.01	45.28 4.12 0.01	39.20 3.56 0.01	36.80 3.13 -0.01	32.74 2.70 0.00
NYPA_HARLEM__RVR__GT2 24161	31.92 2.98 -0.01	29.79 2.51 0.00	27.96 2.28 -0.01	26.98 2.25 -0.01	26.65 2.16 -0.01	28.07 1.96 0.00	31.11 2.44 0.01	34.80 2.93 0.01	37.23 3.39 0.01	37.17 3.44 0.01	38.81 3.83 -0.52	44.33 3.78 -6.18	46.11 4.07 -6.98	46.10 4.30 -5.30	46.91 4.32 -6.00	47.48 4.59 -3.95	51.65 5.33 0.01	54.08 5.27 0.01	50.45 4.67 0.01	45.68 4.42 0.01	45.28 4.12 0.01	39.20 3.56 0.01	36.80 3.13 -0.01	32.74 2.70 0.00
NYPA_KENT____GT 24152	32.85 3.10 -0.82	29.83 2.54 0.00	28.01 2.34 -0.01	26.98 2.25 -0.01	26.70 2.20 -0.01	28.23 2.11 0.00	31.29 2.61 0.00	35.01 3.13 0.00	37.44 3.59 0.00	49.35 3.68 -11.94	52.29 4.00 -13.83	45.95 3.98 -7.60	48.03 4.24 -8.73	47.67 4.49 -6.68	48.60 4.50 -7.50	48.89 4.83 -5.13	68.52 5.65 -16.54	87.98 5.66 -33.50	50.86 5.04 -0.03	67.98 4.70 -22.00	46.13 4.41 -0.54	46.72 3.82 -7.27	46.68 3.26 -9.76	47.04 2.79 -14.21
NYPA_POUCH1____GT 24155	33.45 3.10 -1.42	29.86 2.56 -0.01	28.01 2.34 -0.01	27.01 2.27 -0.01	26.70 2.20 -0.01	28.18 2.06 0.00	31.24 2.55 0.00	34.91 3.03 0.00	37.38 3.52 0.00	55.96 3.64 -18.58	57.62 3.96 -19.19	46.93 3.92 -8.65	49.29 4.21 -10.03	48.70 4.49 -7.71	49.75 4.54 -8.62	49.72 4.87 -5.92	80.92 5.70 -28.89	113.04 5.71 -58.51	76.45 5.13 -25.53	84.45 4.74 -38.43	46.57 4.45 -0.95	52.15 3.82 -12.70	53.93 3.23 -17.04	57.65 2.79 -24.82
NYPA_VERNON____GT2 24162	32.18 3.04 -0.21	29.77 2.48 0.00	27.94 2.26 -0.01	26.93 2.20 -0.01	26.62 2.13 -0.01	28.20 2.09 0.00	31.29 2.61 0.00	34.97 3.09 0.00	37.38 3.52 0.00	42.65 3.61 -5.31	46.86 3.93 -8.46	44.80 3.88 -6.55	46.66 4.17 -7.43	46.53 4.38 -5.65	47.37 4.39 -6.39	48.02 4.75 -4.33	56.08 5.56 -4.19	62.82 5.51 -8.49	50.70 4.90 -0.01	51.38 4.54 -5.57	45.55 4.24 -0.14	41.19 3.71 -1.84	39.30 3.16 -2.48	36.37 2.73 -3.60
NYPA_VERNON____GT3 24163	32.18 3.04 -0.21	29.77 2.48 0.00	27.94 2.26 -0.01	26.93 2.20 -0.01	26.62 2.13 -0.01	28.20 2.09 0.00	31.29 2.61 0.00	34.97 3.09 0.00	37.38 3.52 0.00	42.65 3.61 -5.31	46.86 3.93 -8.46	44.80 3.88 -6.55	46.66 4.17 -7.43	46.53 4.38 -5.65	47.37 4.39 -6.39	48.02 4.75 -4.33	56.08 5.56 -4.19	62.82 5.51 -8.49	50.70 4.90 -0.01	51.38 4.54 -5.57	45.55 4.24 -0.14	41.19 3.71 -1.84	39.30 3.16 -2.48	36.37 2.73 -3.60
NYPA__ASTORIA_CC1 323568	31.92 2.98 -0.01	29.74 2.46 0.00	27.91 2.23 -0.01	26.91 2.18 -0.01	26.60 2.11 -0.01	28.15 2.04 0.00	31.24 2.55 0.00	34.91 3.03 0.00	37.31 3.46 0.00	39.91 3.54 -2.63	44.12 3.86 -5.80	44.37 3.81 -6.19	46.11 4.07 -6.99	46.11 4.30 -5.30	46.92 4.32 -6.01	47.63 4.63 -4.07	51.75 5.42 0.00	54.19 5.37 0.00	50.55 4.76 0.00	45.73 4.46 0.00	45.33 4.16 0.00	39.28 3.64 0.00	36.76 3.09 -0.01	32.71 2.67 0.00
NYPA__ASTORIA_CC2 323569	31.92 2.98 -0.01	29.74 2.46 0.00	27.91 2.23 -0.01	26.91 2.18 -0.01	26.60 2.11 -0.01	28.15 2.04 0.00	31.24 2.55 0.00	34.91 3.03 0.00	37.31 3.46 0.00	39.91 3.54 -2.63	44.12 3.86 -5.80	44.37 3.81 -6.19	46.11 4.07 -6.99	46.11 4.30 -5.30	46.92 4.32 -6.01	47.63 4.63 -4.07	51.75 5.42 0.00	54.19 5.37 0.00	50.55 4.76 0.00	45.73 4.46 0.00	45.33 4.16 0.00	39.28 3.64 0.00	36.76 3.09 -0.01	32.71 2.67 0.00
NYPA__HOLTSVILL 23794	43.59 3.24 -11.42	42.81 2.70 -12.83	38.39 2.52 -10.21	34.30 2.42 -7.15	31.74 2.37 -4.88	35.67 2.48 -7.07	38.15 2.98 -6.48	41.03 3.41 -5.73	43.57 3.79 -5.92	43.83 3.88 -6.22	47.07 4.24 -8.36	50.65 4.12 -12.16	53.34 4.42 -13.86	65.07 4.64 -23.94	63.71 4.72 -22.39	65.39 5.10 -21.36	103.50 6.02 -51.14	132.25 6.15 -77.28	129.21 5.54 -77.88	59.70 4.91 -13.52	54.00 4.65 -8.17	53.38 3.99 -13.75	46.15 3.44 -9.06	45.15 3.00 -12.11
NYPA____HELLGATE_GT1 24158	31.92 2.98 -0.01	29.79 2.51 0.00	27.96 2.28 -0.01	26.98 2.25 -0.01	26.65 2.16 -0.01	28.07 1.96 0.00	31.11 2.44 0.01	34.80 2.93 0.01	37.23 3.39 0.01	37.17 3.44 0.01	38.81 3.83 -0.52	44.33 3.78 -6.18	46.11 4.07 -6.98	46.10 4.30 -5.30	46.88 4.28 -6.00	47.48 4.59 -3.95	51.60 5.28 0.01	54.04 5.23 0.01	50.40 4.62 0.01	45.59 4.33 0.01	45.20 4.04 0.01	39.16 3.53 0.01	36.80 3.13 -0.01	32.74 2.70 0.00
NYPA____HELLGATE_GT2 24159	31.92 2.98 -0.01	29.79 2.51 0.00	27.96 2.28 -0.01	26.98 2.25 -0.01	26.65 2.16 -0.01	28.07 1.96 0.00	31.11 2.44 0.01	34.80 2.93 0.01	37.23 3.39 0.01	37.17 3.44 0.01	38.81 3.83 -0.52	44.33 3.78 -6.18	46.11 4.07 -6.98	46.10 4.30 -5.30	46.88 4.28 -6.00	47.48 4.59 -3.95	51.60 5.28 0.01	54.04 5.23 0.01	50.40 4.62 0.01	45.59 4.33 0.01	45.20 4.04 0.01	39.16 3.53 0.01	36.80 3.13 -0.01	32.74 2.70 0.00
NYS_BARGE__HYD 23848	27.69 -1.24 0.00	25.79 -1.50 0.00	24.26 -1.41 0.00	23.07 -1.66 0.00	22.94 -1.54 0.00	24.73 -1.38 0.00	27.57 -1.12 0.00	30.35 -1.53 0.00	31.96 -1.90 0.00	32.35 -1.38 0.00	33.71 -0.76 0.00	33.41 -0.96 0.00	34.15 -0.91 0.00	35.48 -1.02 0.00	34.73 -1.87 0.00	36.36 -2.57 0.00	43.27 -3.06 0.00	45.99 -2.83 0.00	43.23 -2.56 0.00	39.50 -1.77 0.00	40.68 -0.49 0.00	35.46 -0.18 0.00	33.59 -0.07 0.00	30.37 0.33 0.00
OAK ORCHARD__HYD 24046	28.32 -0.61 0.00	26.47 -0.82 0.00	24.90 -0.77 0.00	23.79 -0.94 0.00	23.63 -0.86 0.00	25.36 -0.76 0.00	28.20 -0.49 0.00	31.31 -0.57 0.00	33.11 -0.74 0.00	33.33 -0.40 0.00	34.43 -0.03 0.00	34.23 -0.14 0.00	34.96 -0.10 0.00	36.28 -0.22 0.00	35.94 -0.66 0.00	37.88 -1.05 0.00	45.13 -1.20 0.00	47.74 -1.07 0.00	44.83 -0.96 0.00	40.73 -0.54 0.00	41.47 0.29 0.00	36.00 0.36 0.00	33.96 0.30 0.00	30.40 0.36 0.00

OAKDALE___35_KV_LOAD 356122	29.16 0.23 0.00	27.29 0.00 0.00	25.67 0.00 0.00	24.65 -0.07 0.00	24.41 -0.07 0.00	26.14 0.03 0.00	28.94 0.26 0.00	32.26 0.29 -0.09	34.32 0.24 -0.23	33.97 0.24 0.00	34.74 0.28 0.00	34.78 0.41 0.00	35.66 0.60 0.00	37.08 0.58 0.00	37.04 0.44 0.00	39.36 0.43 0.00	46.84 0.51 0.00	49.72 0.78 -0.12	46.48 0.69 0.00	42.28 0.74 -0.27	42.44 0.99 -0.27	36.53 0.89 0.00	34.30 0.64 0.00	30.64 0.60 0.00
OCC_CHEM___DRP 24175	26.96 -1.97 0.00	25.05 -2.24 0.00	23.61 -2.05 0.00	22.50 -2.23 0.00	22.36 -2.13 0.00	24.08 -2.04 0.00	26.91 -1.78 0.00	29.59 -2.30 0.00	31.18 -2.67 0.00	30.97 -2.77 0.00	31.91 -2.55 0.00	32.31 -2.06 0.00	33.31 -1.75 0.00	34.53 -1.97 0.00	33.85 -2.74 0.00	35.47 -3.47 0.00	42.16 -4.17 0.00	44.82 -4.00 0.00	42.04 -3.75 0.00	38.46 -2.81 0.00	39.82 -1.36 0.00	34.68 -0.96 0.00	32.82 -0.84 0.00	29.56 -0.48 0.00
OH_GEN_PROXY 24063	27.22 -1.59 0.12	25.64 -1.77 -0.12	24.00 -1.67 0.00	22.82 -1.90 0.00	22.70 -1.79 0.00	24.44 -1.67 0.00	27.28 -1.40 0.00	30.03 -1.85 0.00	31.66 -2.20 0.00	32.05 -1.69 0.00	33.36 -1.10 0.00	33.10 -1.27 0.00	33.76 -1.30 0.00	34.59 -1.46 0.45	34.59 -2.19 -0.19	36.39 -2.80 -0.26	42.14 -3.38 0.81	46.46 -3.17 -0.81	43.07 -2.98 -0.25	40.18 -2.15 -1.06	38.92 -0.95 1.31	35.07 -0.57 0.00	33.19 -0.47 0.00	29.98 -0.06 0.00
OLIN_CORP_DRP 24177	27.28 -1.65 0.00	25.32 -1.96 0.00	23.90 -1.77 0.00	22.77 -1.95 0.00	22.63 -1.86 0.00	24.39 -1.72 0.00	27.14 -1.55 0.00	29.78 -2.10 0.00	31.38 -2.47 0.00	31.14 -2.60 0.00	32.12 -2.34 0.00	32.48 -1.89 0.00	33.48 -1.58 0.00	34.71 -1.79 0.00	34.07 -2.53 0.00	35.70 -3.23 0.00	42.49 -3.85 0.00	45.11 -3.71 0.00	42.36 -3.43 0.00	38.75 -2.52 0.00	40.10 -1.07 0.00	34.89 -0.75 0.00	33.02 -0.64 0.00	29.74 -0.30 0.00
OLIN_CORP_DSASP 323712	26.96 -1.97 0.00	25.16 -2.13 0.00	23.64 -2.03 0.00	22.50 -2.23 0.00	22.38 -2.11 0.00	24.10 -2.01 0.00	26.91 -1.78 0.00	29.62 -2.26 0.00	31.18 -2.68 0.00	31.58 -2.16 0.00	32.95 -1.52 0.00	32.65 -1.72 0.00	33.31 -1.75 0.00	34.56 -1.94 0.00	33.85 -2.75 0.00	35.47 -3.47 0.00	42.16 -4.17 0.00	44.82 -4.00 0.00	42.08 -3.71 0.00	38.46 -2.81 0.00	39.65 -1.52 0.00	34.61 -1.03 0.00	32.82 -0.84 0.00	29.65 -0.39 0.00
ONEIDA_HERK_LFGE 323681	29.42 0.49 0.00	27.64 0.35 0.00	26.00 0.33 0.00	25.07 0.35 0.00	24.85 0.37 0.00	26.66 0.55 0.00	29.43 0.74 0.00	32.83 0.89 -0.05	34.87 0.88 -0.14	34.65 0.91 0.00	35.29 0.83 0.00	35.16 0.79 0.00	35.76 0.70 0.00	36.79 0.69 0.40	36.60 0.62 0.62	38.48 0.62 1.08	45.94 1.07 1.46	48.45 1.27 1.63	46.89 1.37 0.27	42.71 1.28 -0.16	42.78 1.44 -0.16	36.92 1.28 0.00	34.64 0.98 0.00	30.85 0.81 0.00
ONEIDA___115KV_TB4 55905	29.80 0.87 0.00	27.94 0.65 0.00	26.28 0.62 0.00	25.32 0.59 0.00	25.07 0.59 0.00	26.87 0.76 0.00	29.69 1.00 0.00	33.10 1.15 -0.07	35.16 1.12 -0.19	34.85 1.11 0.00	35.46 1.00 0.00	35.47 1.10 0.00	36.25 1.19 0.00	37.70 1.20 0.00	37.69 1.10 0.00	40.06 1.13 0.00	47.81 1.48 0.00	50.63 1.71 -0.10	47.58 1.79 0.00	43.14 1.65 -0.22	43.21 1.81 -0.22	37.28 1.64 0.00	34.91 1.25 0.00	31.09 1.05 0.00
ONONDAGA_REF_OCCRA 23987	28.67 -0.26 0.00	26.90 -0.38 0.00	25.33 -0.33 0.00	24.35 -0.37 0.00	24.14 -0.34 0.00	25.77 -0.34 0.00	28.46 -0.23 0.00	31.83 -0.22 -0.17	34.05 -0.24 -0.43	33.53 -0.20 0.00	34.29 -0.17 0.00	34.26 -0.10 0.00	35.10 0.04 0.00	36.50 0.00 0.00	36.49 -0.11 0.00	38.78 -0.16 0.00	46.10 -0.23 0.00	48.85 -0.20 -0.23	45.65 -0.14 0.00	41.69 -0.08 -0.51	41.81 0.12 -0.51	35.78 0.14 0.00	33.66 0.00 0.00	29.98 -0.06 0.00
ONONDAGA___COGEN 23986	28.87 -0.06 0.00	27.09 -0.19 0.00	25.51 -0.15 0.00	24.50 -0.22 0.00	24.29 -0.20 0.00	25.93 -0.18 0.00	28.63 -0.06 0.00	32.13 0.00 -0.25	34.43 -0.07 -0.64	33.70 -0.03 0.00	34.46 0.00 0.00	34.44 0.07 0.00	35.24 0.18 0.00	36.64 0.15 0.00	36.63 0.04 0.00	38.93 0.00 0.00	46.29 -0.05 0.00	49.21 0.05 -0.34	45.88 0.09 0.00	42.15 0.12 -0.75	42.26 0.33 -0.76	35.96 0.32 0.00	33.83 0.17 0.00	30.13 0.09 0.00
ONTARIO___LFGE 23819	28.90 -0.03 0.00	27.04 -0.25 0.00	25.41 -0.26 0.00	24.33 -0.40 0.00	24.12 -0.37 0.00	25.90 -0.21 0.00	28.86 0.17 0.00	32.22 0.25 -0.08	34.17 0.10 -0.21	34.07 0.34 0.00	35.09 0.62 0.00	34.85 0.48 0.00	35.45 0.39 0.00	36.86 0.36 0.00	36.63 0.04 0.00	38.74 -0.19 0.00	46.19 -0.14 0.00	49.08 0.15 -0.11	46.07 0.28 0.00	42.02 0.50 -0.25	42.46 1.03 -0.25	36.64 1.00 0.00	34.44 0.77 0.00	30.70 0.66 0.00
ORANGEVILLE_WT_PWR 323706	27.92 -1.01 0.00	26.06 -1.23 0.00	24.49 -1.18 0.00	23.32 -1.41 0.00	23.16 -1.32 0.00	24.94 -1.17 0.00	27.85 -0.83 0.00	30.73 -1.15 0.00	32.40 -1.45 0.00	32.65 -1.08 0.00	33.98 -0.48 0.00	33.71 -0.65 0.00	34.43 -0.63 0.00	35.80 -0.69 0.00	35.21 -1.39 0.00	37.10 -1.83 0.00	44.15 -2.18 0.00	47.11 -1.71 0.00	44.32 -1.47 0.00	40.44 -0.83 0.00	41.38 0.21 0.00	36.00 0.36 0.00	33.96 0.30 0.00	30.64 0.60 0.00
ORANGEVILLE___ESR 323794	27.92 -1.01 0.00	26.06 -1.23 0.00	24.49 -1.18 0.00	23.32 -1.41 0.00	23.16 -1.32 0.00	24.94 -1.17 0.00	27.85 -0.83 0.00	30.73 -1.15 0.00	32.40 -1.45 0.00	32.65 -1.08 0.00	33.98 -0.48 0.00	33.71 -0.65 0.00	34.43 -0.63 0.00	35.80 -0.69 0.00	35.21 -1.39 0.00	37.10 -1.83 0.00	44.15 -2.18 0.00	47.11 -1.71 0.00	44.32 -1.47 0.00	40.44 -0.83 0.00	41.38 0.21 0.00	36.00 0.36 0.00	33.96 0.30 0.00	30.64 0.60 0.00
OSWEGATCHIE___HYD 24044	28.27 -0.66 0.00	26.74 -0.55 0.00	25.15 -0.51 0.00	24.26 -0.47 0.00	24.07 -0.42 0.00	25.80 -0.31 0.00	28.37 -0.31 0.00	31.68 -0.29 -0.08	33.70 -0.37 -0.21	33.30 -0.44 0.00	33.78 -0.69 0.00	33.71 -0.65 0.00	34.18 -0.88 0.00	32.13 -0.95 3.42	30.19 -1.10 5.31	28.49 -1.21 9.23	32.59 -1.25 12.50	33.01 -1.27 14.54	42.47 -1.01 2.32	40.69 -0.83 -0.25	40.81 -0.62 -0.25	35.18 -0.46 0.00	33.36 -0.30 0.00	29.77 -0.27 0.00
OSWEGO___5 23606	28.32 -0.61 0.00	26.63 -0.66 0.00	25.08 -0.59 0.00	24.11 -0.62 0.00	23.90 -0.59 0.00	25.51 -0.60 0.00	28.11 -0.57 0.00	32.28 -0.64 -1.04	35.81 -0.71 -2.67	33.09 -0.64 0.00	33.91 -0.55 0.00	33.78 -0.58 0.00	34.50 -0.56 0.00	35.88 -0.62 0.00	35.86 -0.73 0.00	38.11 -0.82 0.00	45.36 -0.98 0.00	49.27 -0.98 -1.42	44.92 -0.87 0.00	43.72 -0.70 -3.15	43.77 -0.58 -3.18	35.18 -0.46 0.00	33.16 -0.50 0.00	29.56 -0.48 0.00
OSWEGO___6 23613	28.32 -0.61 0.00	26.63 -0.66 0.00	25.08 -0.59 0.00	24.11 -0.62 0.00	23.90 -0.59 0.00	25.51 -0.60 0.00	28.11 -0.57 0.00	32.28 -0.64 -1.04	35.81 -0.71 -2.67	33.09 -0.64 0.00	33.91 -0.55 0.00	33.78 -0.58 0.00	34.50 -0.56 0.00	35.88 -0.62 0.00	35.86 -0.73 0.00	38.11 -0.82 0.00	45.36 -0.98 0.00	49.27 -0.98 -1.42	44.92 -0.87 0.00	43.72 -0.70 -3.15	43.77 -0.58 -3.18	35.18 -0.46 0.00	33.16 -0.50 0.00	29.56 -0.48 0.00

OUTOKUMPU-AB___DRP 24206	27.80 -1.13 0.00	25.79 -1.50 0.00	24.31 -1.36 0.00	23.14 -1.58 0.00	23.02 -1.47 0.00	24.78 -1.33 0.00	27.71 -0.98 0.00	30.57 -1.31 0.00	32.20 -1.66 0.00	31.98 -1.75 0.00	32.98 -1.48 0.00	33.34 -1.03 0.00	34.36 -0.70 0.00	35.70 -0.80 0.00	35.02 -1.57 0.00	36.71 -2.22 0.00	43.69 -2.64 0.00	46.43 -2.39 0.00	43.55 -2.24 0.00	39.83 -1.44 0.00	41.13 -0.04 0.00	35.78 0.14 0.00	33.83 0.17 0.00	30.46 0.42 0.00
OXBOW___BTM 323836	27.40 -1.53 0.00	25.54 -1.75 0.00	24.00 -1.67 0.00	22.82 -1.90 0.00	22.70 -1.79 0.00	24.47 -1.64 0.00	27.34 -1.35 0.00	30.13 -1.75 0.00	31.72 -2.13 0.00	32.12 -1.62 0.00	33.50 -0.96 0.00	33.20 -1.17 0.00	33.90 -1.16 0.00	35.22 -1.28 0.00	34.51 -2.08 0.00	36.13 -2.80 0.00	43.00 -3.34 0.00	45.69 -3.13 0.00	42.91 -2.88 0.00	39.21 -2.06 0.00	40.39 -0.78 0.00	35.21 -0.43 0.00	33.36 -0.30 0.00	30.13 0.09 0.00
OXBOW___ 24026	27.43 -1.50 0.00	25.43 -1.86 0.00	23.97 -1.69 0.00	22.82 -1.90 0.00	22.70 -1.79 0.00	24.44 -1.67 0.00	27.34 -1.35 0.00	30.13 -1.75 0.00	31.72 -2.13 0.00	31.51 -2.23 0.00	32.50 -1.96 0.00	32.86 -1.51 0.00	33.87 -1.19 0.00	35.15 -1.35 0.00	34.51 -2.09 0.00	36.13 -2.80 0.00	43.00 -3.34 0.00	45.69 -3.12 0.00	42.86 -2.93 0.00	39.21 -2.06 0.00	40.56 -0.62 0.00	35.28 -0.36 0.00	33.36 -0.30 0.00	30.04 0.00 0.00
OXY_CHEM_DSASP 323612	26.96 -1.97 0.00	25.05 -2.24 0.00	23.61 -2.05 0.00	22.50 -2.23 0.00	22.36 -2.13 0.00	24.08 -2.04 0.00	26.91 -1.78 0.00	29.59 -2.30 0.00	31.18 -2.67 0.00	30.97 -2.77 0.00	31.91 -2.55 0.00	32.31 -2.06 0.00	33.31 -1.75 0.00	34.53 -1.97 0.00	33.85 -2.74 0.00	35.47 -3.47 0.00	42.16 -4.17 0.00	44.82 -4.00 0.00	42.04 -3.75 0.00	38.46 -2.81 0.00	39.82 -1.36 0.00	34.68 -0.96 0.00	32.82 -0.84 0.00	29.56 -0.48 0.00
OZONE_PARK_ESR 323760	32.14 3.21 0.00	29.91 2.62 0.00	28.11 2.44 0.00	27.05 2.32 0.00	26.74 2.25 0.00	28.41 2.30 0.00	31.52 2.84 0.00	35.23 3.35 0.00	37.61 3.76 0.00	37.55 3.81 0.00	38.98 4.00 -0.52	44.46 4.09 -6.01	46.33 4.49 -6.78	46.31 4.67 -5.15	47.18 4.76 -5.83	48.06 5.18 -3.94	52.40 6.07 0.00	54.87 6.05 0.00	51.28 5.49 0.00	46.14 4.87 0.00	45.75 4.57 0.00	39.60 3.96 0.00	37.06 3.40 0.00	33.01 2.97 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.96 -1.97 0.00	25.05 -2.24 0.00	23.61 -2.05 0.00	22.50 -2.23 0.00	22.36 -2.13 0.00	24.08 -2.04 0.00	26.91 -1.78 0.00	29.59 -2.30 0.00	31.18 -2.67 0.00	30.97 -2.77 0.00	31.91 -2.55 0.00	32.31 -2.06 0.00	33.31 -1.75 0.00	34.53 -1.97 0.00	33.85 -2.74 0.00	35.47 -3.47 0.00	42.16 -4.17 0.00	44.82 -4.00 0.00	42.04 -3.75 0.00	38.46 -2.81 0.00	39.82 -1.36 0.00	34.68 -0.96 0.00	32.82 -0.84 0.00	29.56 -0.48 0.00
PACKARD___115KV_DUPONT_184 80571	26.96 -1.97 0.00	25.05 -2.24 0.00	23.61 -2.05 0.00	22.50 -2.23 0.00	22.36 -2.13 0.00	24.08 -2.04 0.00	26.91 -1.78 0.00	29.59 -2.30 0.00	31.18 -2.67 0.00	30.97 -2.77 0.00	31.91 -2.55 0.00	32.31 -2.06 0.00	33.31 -1.75 0.00	34.53 -1.97 0.00	33.85 -2.74 0.00	35.47 -3.47 0.00	42.16 -4.17 0.00	44.82 -4.00 0.00	42.04 -3.75 0.00	38.46 -2.81 0.00	39.82 -1.36 0.00	34.68 -0.96 0.00	32.82 -0.84 0.00	29.56 -0.48 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.89 2.95 -0.01	29.74 2.46 0.00	27.93 2.26 -0.01	26.93 2.20 -0.01	26.60 2.11 -0.01	28.05 1.93 0.00	31.09 2.41 0.00	34.78 2.90 0.00	37.17 3.32 0.00	37.10 3.37 0.01	38.50 3.52 -0.52	44.17 3.61 -6.19	45.97 3.93 -6.99	45.96 4.16 -5.30	46.74 4.14 -6.01	47.36 4.48 -3.95	51.57 5.24 0.00	53.99 5.17 0.00	50.41 4.62 0.00	45.60 4.33 0.00	45.13 3.95 0.00	39.10 3.46 0.00	36.73 3.06 -0.01	32.71 2.67 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.26 3.33 -0.01	30.07 2.78 0.00	28.27 2.59 -0.01	27.23 2.50 -0.01	26.89 2.40 -0.01	28.41 2.30 0.00	31.47 2.78 0.00	35.16 3.28 0.00	37.58 3.72 0.00	37.47 3.74 0.01	38.88 3.89 -0.52	44.55 3.99 -6.19	46.40 4.35 -6.99	46.40 4.60 -5.30	47.14 4.54 -6.01	47.83 4.94 -3.95	52.08 5.75 0.00	54.58 5.76 0.00	50.96 5.17 0.00	46.06 4.79 0.00	45.58 4.41 0.00	39.53 3.88 0.00	37.14 3.47 -0.01	33.07 3.03 0.00
PATROON___115KV_TB1 80586	30.12 1.19 0.00	28.30 1.01 0.00	26.67 1.00 0.00	25.71 0.99 0.00	25.39 0.91 0.00	27.05 0.94 0.00	29.77 1.09 0.00	32.90 1.02 0.00	35.01 1.15 0.00	34.82 1.08 0.00	35.57 1.10 0.00	35.40 1.03 0.00	36.32 1.26 0.00	37.81 1.31 0.00	37.95 1.35 0.00	40.45 1.52 0.00	48.14 1.81 0.00	50.77 1.95 0.00	47.62 1.83 0.00	42.88 1.61 0.00	42.62 1.44 0.00	36.89 1.25 0.00	34.54 0.88 0.00	30.91 0.87 0.00
PATTRSNVILLE___SOLAR 323815	30.40 1.47 0.00	28.54 1.26 0.00	26.77 1.10 0.00	25.81 1.09 0.00	25.54 1.05 0.00	27.24 1.12 0.00	30.03 1.35 0.00	33.32 1.44 0.00	35.41 1.56 0.00	35.26 1.52 0.00	36.05 1.59 0.00	35.88 1.51 0.00	36.74 1.68 0.00	38.25 1.75 0.00	38.35 1.76 0.00	40.80 1.87 0.00	48.56 2.22 0.00	51.26 2.44 0.00	48.26 2.47 0.00	43.50 2.23 0.00	43.44 2.26 0.00	37.56 1.92 0.00	35.18 1.52 0.00	31.36 1.32 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.18 -0.75 0.00	26.14 -1.15 0.00	24.62 -1.05 0.00	23.44 -1.29 0.00	23.29 -1.20 0.00	25.12 -0.99 0.00	28.11 -0.57 0.00	31.02 -0.86 0.00	32.74 -1.12 0.00	32.56 -1.18 0.00	33.53 -0.93 0.00	33.85 -0.52 0.00	34.89 -0.18 0.00	36.28 -0.22 0.00	35.75 -0.84 0.00	37.57 -1.36 0.00	44.71 -1.62 0.00	47.65 -1.17 0.00	44.60 -1.19 0.00	40.69 -0.58 0.00	41.75 0.58 0.00	36.28 0.64 0.00	34.20 0.54 0.00	30.82 0.78 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.74 2.81 0.00	29.58 2.29 0.00	27.77 2.10 0.00	26.75 2.03 0.00	26.45 1.96 0.00	28.18 2.06 0.00	31.15 2.47 0.00	34.72 2.84 0.00	37.07 3.22 0.00	36.97 3.24 0.00	37.81 3.34 0.00	37.84 3.47 0.00	38.92 3.86 0.00	40.55 4.05 0.00	40.73 4.14 0.00	43.41 4.48 0.00	51.71 5.37 0.00	54.38 5.57 0.00	50.83 5.04 0.00	45.73 4.46 0.00	45.37 4.20 0.00	39.20 3.56 0.00	36.59 2.93 0.00	32.56 2.52 0.00
PEEKSKILL___ 23653	31.42 2.49 0.00	29.33 2.05 0.00	27.52 1.85 0.00	26.53 1.80 0.00	26.23 1.74 0.00	27.91 1.80 0.00	30.89 2.21 0.00	34.43 2.55 0.00	36.77 2.91 0.00	36.71 2.97 0.00	37.70 3.24 0.00	37.56 3.20 0.00	38.57 3.51 0.00	40.18 3.68 0.00	40.33 3.73 0.00	43.02 4.09 0.00	51.15 4.82 0.00	53.80 4.98 0.00	50.23 4.44 0.00	45.19 3.92 0.00	44.80 3.62 0.00	38.74 3.10 0.00	36.19 2.53 0.00	32.26 2.22 0.00
PGE MADISON___WINDPWR 24146	31.01 2.08 0.00	28.98 1.69 0.00	27.23 1.57 0.00	26.21 1.48 0.00	25.98 1.49 0.00	27.94 1.83 0.00	31.12 2.44 0.00	34.66 2.68 -0.10	36.57 2.47 -0.25	36.23 2.50 0.00	36.84 2.38 0.00	36.67 2.30 0.00	37.45 2.39 0.00	38.80 2.30 0.00	38.75 2.16 0.00	41.11 2.18 0.00	49.11 2.78 0.00	52.42 3.47 -0.13	49.55 3.76 -0.29	45.15 3.59 -0.30	45.59 4.12 -0.30	39.38 3.74 0.00	36.69 3.03 0.00	32.68 2.64 0.00

PIERCEFIELD___HYD 23852	27.69 -1.24 0.00	26.41 -0.87 0.00	24.80 -0.87 0.00	23.93 -0.79 0.00	23.75 -0.73 0.00	25.33 -0.78 0.00	27.71 -0.98 0.00	30.87 -1.05 -0.04	32.81 -1.15 -0.11	32.66 -1.08 0.00	33.19 -1.28 0.00	32.99 -1.37 0.00	33.37 -1.68 0.01	29.60 -1.75 5.15	26.68 -1.90 8.01	22.95 -2.06 13.92	24.85 -2.64 18.84	23.90 -2.88 22.04	39.60 -2.70 3.49	38.96 -2.43 -0.13	39.08 -2.22 -0.13	33.79 -1.85 0.00	32.42 -1.25 0.00	29.05 -0.99 0.00
PINELAWN_CC_1 323563	43.65 3.30 -11.42	42.87 2.75 -12.83	38.42 2.54 -10.21	34.35 2.47 -7.15	31.79 2.42 -4.88	35.69 2.51 -7.07	38.18 3.01 -6.48	41.09 3.48 -5.73	43.64 3.86 -5.92	43.86 3.91 -6.22	47.07 4.24 -8.36	50.67 4.19 -12.11	53.41 4.49 -13.86	65.15 4.71 -23.94	56.82 4.83 -15.39	65.55 5.25 -21.36	103.68 6.21 -51.13	83.29 6.39 -28.08	72.65 5.82 -21.04	51.58 5.07 -5.24	52.48 4.86 -6.45	51.38 4.13 -11.61	46.22 3.50 -9.06	45.24 3.09 -12.11
PJM_GEN_HTTP_PROXY 323702	31.64 2.84 0.12	29.73 2.32 -0.12	27.77 2.11 0.00	26.75 2.03 0.00	26.47 1.98 0.00	28.12 2.01 0.00	31.18 2.49 0.00	34.81 2.93 0.00	37.18 3.32 0.00	37.14 3.41 0.00	38.72 3.76 -0.50	43.88 3.71 -5.80	45.60 4.00 -6.55	45.21 4.20 -4.52	46.66 4.24 -5.82	47.67 4.67 -4.07	50.98 5.46 0.81	55.10 5.47 -0.81	50.94 4.90 -0.25	46.62 4.29 -1.06	43.86 3.99 1.31	39.10 3.46 0.00	36.56 2.90 0.00	32.59 2.55 0.00
PJM_GEN_KEystone 24065	29.50 0.69 0.12	27.79 0.38 -0.12	25.98 0.31 0.00	24.90 0.17 0.00	24.66 0.17 0.00	26.37 0.26 0.00	29.32 0.63 0.00	32.58 0.70 0.00	34.60 0.74 0.00	34.68 0.94 0.00	35.84 1.34 -0.04	36.02 1.24 -0.42	36.94 1.40 -0.47	37.87 1.46 0.09	38.44 1.24 -0.60	40.75 1.28 -0.53	47.04 1.53 0.81	51.44 1.81 -0.81	47.51 1.46 -0.25	43.77 1.44 -1.06	41.52 1.65 1.31	37.14 1.50 0.00	34.81 1.15 0.00	31.15 1.11 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.83 2.89 -6.01	36.73 2.43 -7.01	33.36 2.21 -5.48	30.72 2.15 -3.84	29.19 2.08 -2.62	32.08 2.17 -3.80	34.81 2.64 -3.48	38.02 3.06 -3.08	40.38 3.39 -3.14	40.47 3.44 -3.30	42.67 3.76 -4.45	44.69 3.57 -6.61	46.65 3.89 -7.59	53.12 4.20 -12.43	49.17 4.28 -8.29	55.32 4.67 -11.72	78.09 5.46 -26.30	68.17 5.56 -13.79	60.03 5.04 -9.20	49.24 4.46 -3.51	46.55 4.16 -1.22	44.26 3.56 -5.05	41.49 3.03 -4.80	39.10 2.64 -6.42
PJM_GEN_VFT_PROXY 323633	31.58 2.78 0.12	29.65 2.24 -0.12	27.70 2.03 0.00	26.68 1.95 0.00	26.37 1.89 0.00	28.02 1.91 0.00	31.09 2.41 0.00	34.72 2.84 0.00	37.07 3.22 0.00	37.04 3.31 0.00	38.60 3.62 -0.52	43.95 3.57 -6.01	45.73 3.89 -6.78	45.24 4.05 -4.69	46.72 4.10 -6.02	47.61 4.48 -4.20	50.75 5.23 0.81	54.81 5.17 -0.81	50.66 4.62 -0.25	46.45 4.13 -1.06	43.70 3.83 1.31	38.96 3.32 0.00	36.49 2.83 0.00	32.50 2.46 0.00
PLATSBURG_115KV_PMLD1 355749	27.95 -0.98 0.00	26.66 -0.63 0.00	25.03 -0.64 0.00	24.13 -0.59 0.00	24.09 -0.39 0.00	25.67 -0.44 0.00	28.37 -0.32 0.00	31.66 -0.22 0.00	33.52 -0.34 0.00	33.70 -0.03 0.00	34.29 -0.17 0.00	34.13 -0.24 0.00	34.74 -0.32 0.01	29.56 -0.55 6.39	26.23 -0.44 9.93	21.05 -0.62 17.26	22.50 -0.46 23.36	20.74 -0.68 27.39	40.91 -0.55 4.33	40.77 -0.50 0.00	40.72 -0.45 0.00	35.11 -0.53 0.00	33.53 -0.13 0.00	30.01 -0.03 0.00
PLEASANTVLY___LBMP 24000	31.10 2.17 0.00	29.03 1.75 0.00	27.29 1.62 0.00	26.33 1.61 0.00	26.03 1.54 0.00	27.71 1.59 0.00	30.61 1.92 0.00	34.08 2.20 0.00	36.33 2.47 0.00	36.20 2.46 0.00	37.05 2.58 0.00	37.01 2.65 0.00	38.01 2.95 0.00	39.60 3.10 0.00	39.74 3.15 0.00	42.44 3.50 0.00	50.46 4.12 0.00	53.07 4.25 0.00	49.59 3.80 0.00	44.61 3.34 0.00	44.22 3.05 0.00	38.24 2.60 0.00	35.78 2.12 0.00	31.90 1.86 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.50 2.57 0.00	29.36 2.07 0.00	27.59 1.93 0.00	26.60 1.88 0.00	26.30 1.81 0.00	27.99 1.88 0.00	30.98 2.29 0.00	34.56 2.68 0.00	36.87 3.01 0.00	36.77 3.04 0.00	37.64 3.17 0.00	37.63 3.26 0.00	38.67 3.61 0.00	40.29 3.80 0.00	40.44 3.84 0.00	43.18 4.24 0.00	51.29 4.96 0.00	53.90 5.08 0.00	50.37 4.58 0.00	45.27 4.00 0.00	44.88 3.71 0.00	38.81 3.17 0.00	36.29 2.63 0.00	32.35 2.31 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.50 2.57 0.00	29.36 2.07 0.00	27.59 1.93 0.00	26.60 1.88 0.00	26.30 1.81 0.00	27.99 1.88 0.00	30.98 2.29 0.00	34.56 2.68 0.00	36.87 3.01 0.00	36.77 3.04 0.00	37.64 3.17 0.00	37.63 3.26 0.00	38.67 3.61 0.00	40.29 3.80 0.00	40.44 3.84 0.00	43.18 4.24 0.00	51.29 4.96 0.00	53.90 5.08 0.00	50.37 4.58 0.00	45.27 4.00 0.00	44.88 3.71 0.00	38.81 3.17 0.00	36.29 2.63 0.00	32.35 2.31 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.36 2.43 0.00	29.25 1.96 0.00	27.52 1.85 0.00	26.53 1.80 0.00	26.23 1.74 0.00	27.92 1.80 0.00	30.84 2.15 0.00	34.27 2.39 0.00	36.53 2.67 0.00	36.43 2.70 0.00	37.26 2.79 0.00	37.22 2.85 0.00	38.25 3.19 0.00	39.86 3.36 0.00	40.04 3.44 0.00	42.75 3.82 0.00	50.87 4.54 0.00	53.55 4.74 0.00	50.09 4.30 0.00	45.03 3.76 0.00	44.67 3.50 0.00	38.63 2.99 0.00	36.05 2.39 0.00	32.14 2.10 0.00
POLETTI_____ 23519	31.76 2.84 0.00	29.58 2.29 0.00	27.77 2.10 0.00	26.75 2.03 0.00	26.45 1.96 0.00	28.12 2.01 0.00	31.15 2.47 0.00	34.81 2.93 0.00	37.16 3.32 0.02	37.09 3.37 0.02	38.50 3.52 -0.52	44.05 3.68 -6.00	45.87 4.03 -6.78	45.84 4.20 -5.14	46.67 4.25 -5.83	47.55 4.67 -3.94	51.69 5.37 0.02	54.19 5.37 0.00	50.60 4.81 0.00	45.56 4.29 0.00	45.09 3.91 0.00	39.06 3.42 0.00	36.59 2.93 0.00	32.59 2.55 0.00
POMONA___ESR 323819	31.42 2.49 0.00	29.30 2.02 0.00	27.52 1.85 0.00	26.51 1.78 0.00	26.20 1.71 0.00	27.89 1.78 0.00	30.86 2.18 0.00	34.40 2.52 0.00	36.73 2.88 0.00	36.67 2.93 0.00	37.70 3.24 0.00	37.56 3.20 0.00	38.57 3.51 0.00	40.18 3.68 0.00	40.33 3.73 0.00	43.06 4.13 0.00	51.20 4.86 0.00	53.85 5.03 0.00	50.28 4.49 0.00	45.19 3.92 0.00	44.80 3.62 0.00	38.74 3.10 0.00	36.19 2.53 0.00	32.23 2.19 0.00
PORT_JEFF_3 23555	43.62 3.27 -11.42	42.84 2.73 -12.83	38.39 2.52 -10.21	34.33 2.45 -7.15	31.74 2.37 -4.88	35.67 2.48 -7.07	38.15 2.98 -6.48	41.06 3.44 -5.73	43.60 3.82 -5.92	43.86 3.91 -6.22	47.14 4.31 -8.36	50.65 4.12 -12.16	53.27 4.35 -13.86	65.00 4.56 -23.94	63.96 4.65 -22.71	65.24 4.95 -21.36	103.31 5.84 -51.14	134.28 5.90 -79.56	131.65 5.35 -80.51	59.96 4.79 -13.90	53.89 4.57 -8.14	53.27 3.92 -13.71	46.22 3.50 -9.06	45.15 3.00 -12.11
PORT_JEFF_4 23616	43.62 3.27 -11.42	42.84 2.73 -12.83	38.39 2.52 -10.21	34.33 2.45 -7.15	31.74 2.37 -4.88	35.67 2.48 -7.07	38.15 2.98 -6.48	41.06 3.44 -5.73	43.60 3.82 -5.92	43.86 3.91 -6.22	47.14 4.31 -8.36	50.65 4.12 -12.16	53.27 4.35 -13.86	65.00 4.56 -23.94	63.96 4.65 -22.71	65.24 4.95 -21.36	103.31 5.84 -51.14	134.28 5.90 -79.56	131.65 5.35 -80.51	59.96 4.79 -13.90	53.89 4.57 -8.14	53.27 3.92 -13.71	46.22 3.50 -9.06	45.15 3.00 -12.11

PORT_JEFF_IC 23713	43.68 3.33 -11.42	42.87 2.76 -12.83	38.44 2.57 -10.21	34.35 2.47 -7.15	31.79 2.42 -4.88	35.72 2.53 -7.07	38.21 3.04 -6.48	41.09 3.48 -5.73	43.67 3.89 -5.92	43.87 3.91 -6.22	47.00 4.17 -8.36	50.71 4.19 -12.15	53.41 4.49 -13.86	65.18 4.74 -23.94	65.23 4.72 -23.91	65.28 4.98 -21.36	103.41 5.93 -51.15	142.81 6.00 -87.98	141.48 5.45 -90.24	61.46 4.87 -15.32	53.80 4.74 -7.89	53.11 4.06 -13.40	46.28 3.57 -9.06	45.24 3.09 -12.11
PPL PILGRIM_ST_GT1 24216	43.82 3.47 -11.42	43.03 2.92 -12.83	38.59 2.72 -10.21	34.53 2.65 -7.15	31.94 2.57 -4.88	35.88 2.69 -7.07	38.41 3.24 -6.48	41.31 3.70 -5.73	43.84 4.06 -5.92	44.10 4.15 -6.22	47.34 4.51 -8.36	51.16 4.37 -12.43	53.65 4.70 -13.89	65.25 4.82 -23.94	57.99 4.91 -16.49	65.63 5.33 -21.36	103.45 5.98 -51.14	90.78 6.15 -35.81	81.30 5.54 -29.97	52.84 5.03 -6.54	62.34 5.02 -16.14	63.54 4.27 -23.62	46.42 3.70 -9.06	45.39 3.25 -12.11
PPL PILGRIM_ST_GT2 24217	43.82 3.47 -11.42	43.03 2.92 -12.83	38.59 2.72 -10.21	34.53 2.65 -7.15	31.94 2.57 -4.88	35.88 2.69 -7.07	38.41 3.24 -6.48	41.31 3.70 -5.73	43.84 4.06 -5.92	44.10 4.15 -6.22	47.34 4.51 -8.36	51.16 4.37 -12.43	53.65 4.70 -13.89	65.25 4.82 -23.94	57.99 4.91 -16.49	65.63 5.33 -21.36	103.45 5.98 -51.14	90.78 6.15 -35.81	81.30 5.54 -29.97	52.84 5.03 -6.54	62.34 5.02 -16.14	63.54 4.27 -23.62	46.42 3.70 -9.06	45.39 3.25 -12.11
PPL_SHRM_GT3 24213	43.53 3.18 -11.42	42.76 2.65 -12.83	38.29 2.41 -10.21	34.20 2.32 -7.15	31.65 2.28 -4.88	35.54 2.35 -7.07	38.01 2.84 -6.48	40.90 3.28 -5.73	43.50 3.72 -5.92	43.76 3.81 -6.22	47.07 4.24 -8.36	50.75 4.23 -12.16	53.41 4.49 -13.86	65.22 4.78 -23.94	64.34 4.87 -22.88	65.59 5.29 -21.36	103.78 6.30 -51.15	136.09 6.54 -80.73	133.56 5.91 -81.86	60.57 5.20 -14.10	54.18 4.86 -8.15	53.49 4.13 -13.72	46.18 3.47 -9.06	45.09 2.95 -12.11
PPL_SHRM_GT4 24214	43.53 3.18 -11.42	42.76 2.65 -12.83	38.29 2.41 -10.21	34.20 2.32 -7.15	31.65 2.28 -4.88	35.54 2.35 -7.07	38.01 2.84 -6.48	40.90 3.28 -5.73	43.50 3.72 -5.92	43.76 3.81 -6.22	47.07 4.24 -8.36	50.75 4.23 -12.16	53.41 4.49 -13.86	65.22 4.78 -23.94	64.34 4.87 -22.88	65.59 5.29 -21.36	103.78 6.30 -51.15	136.09 6.54 -80.73	133.56 5.91 -81.86	60.57 5.20 -14.10	54.18 4.86 -8.15	53.49 4.13 -13.72	46.18 3.47 -9.06	45.09 2.95 -12.11
PROJECT___ORANGE 1 24174	28.73 -0.20 0.00	26.96 -0.33 0.00	25.39 -0.28 0.00	24.40 -0.32 0.00	24.17 -0.32 0.00	25.83 -0.29 0.00	28.51 -0.17 0.00	31.86 -0.16 -0.14	34.00 -0.20 -0.35	33.57 -0.17 0.00	34.33 -0.14 0.00	34.33 -0.03 0.00	35.13 0.07 0.00	36.53 0.04 0.00	36.52 -0.07 0.00	38.78 -0.16 0.00	46.10 -0.23 0.00	48.81 -0.20 -0.19	45.65 -0.14 0.00	41.64 -0.04 -0.41	41.75 0.16 -0.41	35.82 0.18 0.00	33.69 0.03 0.00	30.01 -0.03 0.00
PROJECT___ORANGE 2 24166	28.73 -0.20 0.00	26.96 -0.33 0.00	25.39 -0.28 0.00	24.40 -0.32 0.00	24.17 -0.32 0.00	25.83 -0.29 0.00	28.51 -0.17 0.00	31.86 -0.16 -0.14	34.00 -0.20 -0.35	33.57 -0.17 0.00	34.33 -0.14 0.00	34.33 -0.03 0.00	35.13 0.07 0.00	36.53 0.04 0.00	36.52 -0.07 0.00	38.78 -0.16 0.00	46.10 -0.23 0.00	48.81 -0.20 -0.19	45.65 -0.14 0.00	41.64 -0.04 -0.41	41.75 0.16 -0.41	35.82 0.18 0.00	33.69 0.03 0.00	30.01 -0.03 0.00
PUCKETT___SOLAR 323809	29.65 0.72 0.00	27.78 0.49 0.00	26.10 0.44 0.00	25.07 0.35 0.00	24.83 0.34 0.00	26.61 0.49 0.00	29.52 0.83 0.00	32.86 0.89 -0.09	34.86 0.78 -0.23	34.58 0.84 0.00	35.43 0.96 0.00	35.26 0.89 0.00	36.01 0.95 0.00	37.41 0.91 0.00	37.37 0.77 0.00	39.71 0.78 0.00	47.35 1.02 0.00	50.31 1.37 -0.12	47.25 1.46 0.00	43.02 1.48 -0.27	43.26 1.81 -0.27	37.25 1.61 0.00	34.91 1.25 0.00	31.15 1.11 0.00
PYRITES___HYD 24023	28.06 -0.87 0.00	26.77 -0.52 0.00	25.15 -0.51 0.00	24.31 -0.42 0.00	24.12 -0.37 0.00	25.72 -0.39 0.00	28.17 -0.52 0.00	31.41 -0.51 -0.04	33.31 -0.64 -0.10	33.16 -0.57 0.00	33.64 -0.83 0.00	33.47 -0.89 0.00	33.86 -1.19 0.01	29.96 -1.24 5.30	27.04 -1.32 8.23	23.14 -1.48 14.31	24.97 -1.99 19.37	23.91 -2.25 22.66	40.23 -1.97 3.59	39.61 -1.77 -0.12	39.73 -1.56 -0.12	34.32 -1.32 0.00	32.85 -0.81 0.00	29.35 -0.69 0.00
QUAKERRD_115KV_BK1 80622	27.86 -1.07 0.00	26.00 -1.28 0.00	24.49 -1.18 0.00	23.44 -1.29 0.00	23.26 -1.22 0.00	24.96 -1.15 0.00	27.71 -0.98 0.00	30.80 -1.08 0.00	32.60 -1.25 0.00	32.45 -1.28 0.00	33.26 -1.21 0.00	33.41 -0.96 0.00	34.29 -0.77 0.00	35.59 -0.91 0.00	35.35 -1.24 0.00	37.34 -1.60 0.00	44.43 -1.90 0.00	46.96 -1.86 0.00	44.10 -1.69 0.00	40.03 -1.24 0.00	40.68 -0.49 0.00	35.28 -0.36 0.00	33.22 -0.44 0.00	29.65 -0.39 0.00
QUENSBRY_115KV_TB8 356137	30.98 2.05 0.00	29.09 1.80 0.00	27.23 1.57 0.00	26.23 1.51 0.00	25.93 1.44 0.00	27.71 1.59 0.00	30.61 1.92 0.00	33.99 2.10 0.00	36.29 2.44 0.00	36.16 2.43 0.00	36.57 2.10 0.00	36.40 2.03 0.00	37.09 2.03 0.00	38.54 2.04 0.00	38.65 2.05 0.00	41.00 2.06 0.00	48.79 2.46 0.00	51.80 2.98 0.00	48.86 3.07 0.00	44.08 2.81 0.00	44.35 3.17 0.00	38.24 2.60 0.00	35.68 2.02 0.00	31.75 1.71 0.00
RAMAPO___LBMP 323565	31.24 2.31 0.00	29.14 1.86 0.00	27.39 1.72 0.00	26.38 1.66 0.00	26.08 1.59 0.00	27.76 1.65 0.00	30.72 2.04 0.00	34.24 2.36 0.00	36.53 2.67 0.00	36.43 2.70 0.00	37.29 2.83 0.00	37.29 2.92 0.00	38.32 3.26 0.00	39.93 3.43 0.00	40.11 3.51 0.00	42.79 3.85 0.00	50.87 4.54 0.00	53.51 4.69 0.00	49.96 4.17 0.00	44.90 3.63 0.00	44.51 3.34 0.00	38.49 2.85 0.00	35.98 2.32 0.00	32.08 2.04 0.00
RANKINE____ 23646	28.03 -0.90 0.00	26.03 -1.26 0.00	24.51 -1.16 0.00	23.34 -1.38 0.00	23.19 -1.30 0.00	24.99 -1.12 0.00	27.97 -0.72 0.00	30.86 -1.02 0.00	32.54 -1.32 0.00	32.32 -1.42 0.00	33.33 -1.14 0.00	33.65 -0.72 0.00	34.68 -0.39 0.00	36.02 -0.47 0.00	35.46 -1.13 0.00	37.22 -1.71 0.00	44.29 -2.04 0.00	47.16 -1.66 0.00	44.19 -1.60 0.00	40.36 -0.91 0.00	41.55 0.37 0.00	36.14 0.50 0.00	34.13 0.47 0.00	30.70 0.66 0.00
RAVENSWOOD_GT2_1 24244	31.79 2.86 0.00	29.61 2.32 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.49 2.01 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.96 0.00	37.21 3.35 0.00	37.14 3.41 0.00	38.55 3.55 -0.53	44.20 3.64 -6.19	46.04 4.00 -6.99	46.00 4.20 -5.30	46.85 4.25 -6.01	47.63 4.63 -4.07	51.75 5.42 0.00	54.24 5.42 0.00	50.69 4.90 0.00	45.64 4.37 0.00	45.21 4.04 0.00	39.13 3.49 0.00	36.62 2.96 0.00	32.65 2.61 0.00
RAVENSWOOD_GT2_2 24245	31.79 2.86 0.00	29.61 2.32 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.49 2.01 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.96 0.00	37.21 3.35 0.00	37.14 3.41 0.00	38.55 3.55 -0.53	44.20 3.64 -6.19	46.04 4.00 -6.99	46.00 4.20 -5.30	46.85 4.25 -6.01	47.63 4.63 -4.07	51.75 5.42 0.00	54.24 5.42 0.00	50.69 4.90 0.00	45.64 4.37 0.00	45.21 4.04 0.00	39.13 3.49 0.00	36.62 2.96 0.00	32.65 2.61 0.00



RAVENSWOOD_GT2_3 24246	31.82 2.89 0.00	29.63 2.35 0.00	27.82 2.16 0.00	26.83 2.10 0.00	26.52 2.03 0.00	28.18 2.06 0.00	31.24 2.55 0.00	34.88 3.00 0.00	37.24 3.39 0.00	37.18 3.44 0.00	38.58 3.58 -0.53	44.24 3.68 -6.19	46.08 4.03 -6.99	46.04 4.23 -5.30	46.89 4.28 -6.01	47.67 4.67 -4.07	51.80 5.47 0.00	54.29 5.47 0.00	50.74 4.95 0.00	45.64 4.37 0.00	45.21 4.04 0.00	39.17 3.53 0.00	36.66 3.00 0.00	32.68 2.64 0.00
RAVENSWOOD_GT2_4 24247	31.82 2.89 0.00	29.63 2.35 0.00	27.82 2.16 0.00	26.83 2.10 0.00	26.52 2.03 0.00	28.18 2.06 0.00	31.24 2.55 0.00	34.88 3.00 0.00	37.24 3.39 0.00	37.18 3.44 0.00	38.58 3.58 -0.53	44.24 3.68 -6.19	46.08 4.03 -6.99	46.04 4.23 -5.30	46.89 4.28 -6.01	47.67 4.67 -4.07	51.80 5.47 0.00	54.29 5.47 0.00	50.74 4.95 0.00	45.64 4.37 0.00	45.21 4.04 0.00	39.17 3.53 0.00	36.66 3.00 0.00	32.68 2.64 0.00
RAVENSWOOD_GT3_1 24248	31.79 2.86 0.00	29.61 2.32 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.49 2.01 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.96 0.00	37.24 3.39 0.00	37.14 3.41 0.00	38.55 3.55 -0.53	44.20 3.64 -6.19	46.04 4.00 -6.99	46.00 4.20 -5.30	46.85 4.25 -6.01	47.63 4.63 -4.07	51.80 5.47 0.00	54.24 5.42 0.00	50.69 4.90 0.00	45.64 4.37 0.00	45.21 4.04 0.00	39.13 3.49 0.00	36.66 3.00 0.00	32.65 2.61 0.00
RAVENSWOOD_GT3_2 24249	31.79 2.86 0.00	29.61 2.32 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.49 2.01 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.96 0.00	37.24 3.39 0.00	37.14 3.41 0.00	38.55 3.55 -0.53	44.20 3.64 -6.19	46.04 4.00 -6.99	46.00 4.20 -5.30	46.85 4.25 -6.01	47.63 4.63 -4.07	51.80 5.47 0.00	54.24 5.42 0.00	50.69 4.90 0.00	45.64 4.37 0.00	45.21 4.04 0.00	39.13 3.49 0.00	36.66 3.00 0.00	32.65 2.61 0.00
RAVENSWOOD_GT3_3 24250	31.85 2.92 0.00	29.66 2.37 0.00	27.88 2.21 0.00	26.85 2.13 0.00	26.54 2.06 0.00	28.20 2.09 0.00	31.27 2.58 0.00	34.91 3.03 0.00	37.31 3.45 0.00	37.21 3.47 0.00	38.65 3.65 -0.53	44.27 3.71 -6.19	46.12 4.07 -6.99	46.07 4.27 -5.30	46.92 4.32 -6.01	47.71 4.71 -4.07	51.89 5.56 0.00	54.34 5.52 0.00	50.78 4.99 0.00	45.73 4.46 0.00	45.29 4.12 0.00	39.20 3.56 0.00	36.72 3.06 0.00	32.71 2.67 0.00
RAVENSWOOD_GT3_4 24251	31.85 2.92 0.00	29.66 2.37 0.00	27.88 2.21 0.00	26.85 2.13 0.00	26.54 2.06 0.00	28.20 2.09 0.00	31.27 2.58 0.00	34.91 3.03 0.00	37.31 3.45 0.00	37.21 3.47 0.00	38.65 3.65 -0.53	44.27 3.71 -6.19	46.12 4.07 -6.99	46.07 4.27 -5.30	46.92 4.32 -6.01	47.71 4.71 -4.07	51.89 5.56 0.00	54.34 5.52 0.00	50.78 4.99 0.00	45.73 4.46 0.00	45.29 4.12 0.00	39.20 3.56 0.00	36.72 3.06 0.00	32.71 2.67 0.00
RAVENSWOOD_GT_1 23729	32.15 3.01 -0.21	29.74 2.46 0.00	27.96 2.28 -0.01	26.94 2.20 -0.01	26.63 2.13 -0.01	28.20 2.09 0.00	31.30 2.61 0.00	34.97 3.09 0.00	37.38 3.52 0.00	42.62 3.58 -5.31	46.65 3.72 -8.46	44.73 3.81 -6.55	46.66 4.17 -7.43	46.53 4.38 -5.65	47.34 4.35 -6.39	48.02 4.75 -4.33	56.08 5.56 -4.19	62.82 5.52 -8.49	50.74 4.95 -0.01	51.38 4.54 -5.57	45.51 4.20 -0.14	41.15 3.67 -1.84	39.30 3.16 -2.48	36.37 2.73 -3.60
RAVENSWOOD_GT_10 24258	31.79 2.86 0.00	29.61 2.32 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.49 2.01 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.96 0.00	37.21 3.35 0.00	36.88 3.41 0.27	38.02 3.55 0.00	44.20 3.64 -6.19	46.04 4.00 -6.99	46.00 4.20 -5.30	46.85 4.25 -6.01	47.63 4.63 -4.07	51.80 5.47 0.00	54.24 5.42 0.00	50.69 4.90 0.00	45.64 4.37 0.00	45.21 4.04 0.00	39.13 3.49 0.00	36.62 2.96 0.00	32.65 2.61 0.00
RAVENSWOOD_GT_11 24259	31.79 2.86 0.00	29.61 2.32 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.49 2.01 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.96 0.00	37.21 3.35 0.00	36.88 3.41 0.27	38.02 3.55 0.00	44.20 3.64 -6.19	46.04 4.00 -6.99	46.00 4.20 -5.30	46.85 4.25 -6.01	47.63 4.63 -4.07	51.80 5.47 0.00	54.24 5.42 0.00	50.69 4.90 0.00	45.64 4.37 0.00	45.21 4.04 0.00	39.13 3.49 0.00	36.62 2.96 0.00	32.65 2.61 0.00
RAVENSWOOD_GT_4 24252	31.94 2.86 -0.15	29.61 2.32 0.00	27.79 2.13 0.01	26.77 2.05 0.01	26.49 2.01 0.01	28.18 2.06 0.00	31.21 2.52 0.00	34.85 2.96 0.00	37.21 3.35 0.00	37.15 3.41 -0.01	36.52 3.55 1.50	44.47 3.64 -6.46	46.38 4.00 -7.32	46.23 4.16 -5.57	47.14 4.25 -6.30	47.84 4.63 -4.27	54.94 5.42 -3.19	60.70 5.42 -6.46	50.70 4.90 -0.01	49.85 4.33 -4.24	45.27 3.99 -0.10	40.54 3.49 -1.40	38.50 2.96 -1.88	35.36 2.58 -2.74
RAVENSWOOD_GT_5 24254	31.94 2.86 -0.15	29.61 2.32 0.00	27.79 2.13 0.01	26.77 2.05 0.01	26.49 2.01 0.01	28.18 2.06 0.00	31.21 2.52 0.00	34.85 2.96 0.00	37.21 3.35 0.00	37.15 3.41 -0.01	36.52 3.55 1.50	44.47 3.64 -6.46	46.38 4.00 -7.32	46.23 4.16 -5.57	47.14 4.25 -6.30	47.84 4.63 -4.27	54.94 5.42 -3.19	60.70 5.42 -6.46	50.70 4.90 -0.01	49.85 4.33 -4.24	45.27 3.99 -0.10	40.54 3.49 -1.40	38.50 2.96 -1.88	35.36 2.58 -2.74
RAVENSWOOD_GT_6 24253	31.94 2.86 -0.15	29.61 2.32 0.00	27.79 2.13 0.01	26.77 2.05 0.01	26.49 2.01 0.01	28.18 2.06 0.00	31.21 2.52 0.00	34.85 2.96 0.00	37.21 3.35 0.00	37.15 3.41 -0.01	36.52 3.55 1.50	44.47 3.64 -6.46	46.38 4.00 -7.32	46.23 4.16 -5.57	47.14 4.25 -6.30	47.84 4.63 -4.27	54.94 5.42 -3.19	60.70 5.42 -6.46	50.70 4.90 -0.01	49.85 4.33 -4.24	45.27 3.99 -0.10	40.54 3.49 -1.40	38.50 2.96 -1.88	35.36 2.58 -2.74
RAVENSWOOD_GT_7 24255	31.94 2.86 -0.15	29.61 2.32 0.00	27.79 2.13 0.01	26.77 2.05 0.01	26.49 2.01 0.01	28.18 2.06 0.00	31.21 2.52 0.00	34.85 2.96 0.00	37.21 3.35 0.00	37.15 3.41 -0.01	36.52 3.55 1.50	44.47 3.64 -6.46	46.38 4.00 -7.32	46.23 4.16 -5.57	47.14 4.25 -6.30	47.84 4.63 -4.27	54.94 5.42 -3.19	60.70 5.42 -6.46	50.70 4.90 -0.01	49.85 4.33 -4.24	45.27 3.99 -0.10	40.54 3.49 -1.40	38.50 2.96 -1.88	35.36 2.58 -2.74
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.79 2.86 0.00	29.61 2.32 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.49 2.01 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.96 0.00	37.21 3.35 0.00	36.88 3.41 0.27	38.02 3.55 0.00	44.20 3.64 -6.19	46.04 4.00 -6.99	46.00 4.20 -5.30	46.85 4.25 -6.01	47.63 4.63 -4.07	51.80 5.47 0.00	54.24 5.42 0.00	50.69 4.90 0.00	45.64 4.37 0.00	45.21 4.04 0.00	39.13 3.49 0.00	36.62 2.96 0.00	32.65 2.61 0.00
RAVENSWOOD_GT_9 24257	31.79 2.86 0.00	29.61 2.32 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.49 2.01 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.96 0.00	37.21 3.35 0.00	36.88 3.41 0.27	38.02 3.55 0.00	44.20 3.64 -6.19	46.04 4.00 -6.99	46.00 4.20 -5.30	46.85 4.25 -6.01	47.63 4.63 -4.07	51.80 5.47 0.00	54.24 5.42 0.00	50.69 4.90 0.00	45.64 4.37 0.00	45.21 4.04 0.00	39.13 3.49 0.00	36.62 2.96 0.00	32.65 2.61 0.00

RAVENSWOOD___1 23533	31.95 3.01 -0.01	29.74 2.46 0.00	27.94 2.26 -0.01	26.91 2.18 -0.01	26.60 2.11 -0.01	28.18 2.06 0.00	31.27 2.58 0.00	34.94 3.06 0.00	37.34 3.49 0.00	39.94 3.57 -2.63	44.16 3.89 -5.80	44.41 3.85 -6.19	46.18 4.14 -6.99	46.18 4.38 -5.30	47.00 4.39 -6.01	47.71 4.71 -4.07	51.84 5.51 0.00	54.29 5.47 0.00	50.69 4.90 0.00	45.81 4.54 0.00	45.42 4.24 0.00	39.31 3.67 0.00	36.80 3.13 -0.01	32.74 2.70 0.00
RAVENSWOOD___2 23534	31.89 2.95 -0.01	29.69 2.40 0.00	27.86 2.18 -0.01	26.86 2.13 -0.01	26.55 2.06 -0.01	28.12 2.01 0.00	31.18 2.49 0.00	34.85 2.97 0.00	37.27 3.42 0.00	39.87 3.51 -2.62	44.07 3.83 -5.78	44.34 3.78 -6.19	46.08 4.03 -6.99	46.11 4.30 -5.30	46.92 4.32 -6.01	47.63 4.63 -4.07	51.75 5.42 0.00	54.19 5.37 0.00	50.55 4.76 0.00	45.73 4.46 0.00	45.33 4.16 0.00	39.24 3.60 0.00	36.73 3.06 -0.01	32.68 2.64 0.00
RAVENSWOOD___3 23535	31.82 2.89 0.00	29.63 2.35 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.49 2.01 0.00	28.15 2.04 0.00	31.21 2.52 0.00	34.85 2.97 0.00	37.24 3.39 0.00	37.18 3.44 0.00	38.75 3.76 -0.53	44.27 3.71 -6.19	46.04 4.00 -6.99	46.00 4.20 -5.30	46.85 4.24 -6.01	47.63 4.63 -4.07	51.80 5.46 0.00	54.24 5.42 0.00	50.69 4.90 0.00	45.64 4.37 0.00	45.25 4.08 0.00	39.17 3.53 0.00	36.66 2.99 0.00	32.62 2.58 0.00
RAVENSWOOD___4 23820	31.71 2.98 0.20	29.71 2.43 0.00	27.91 2.23 -0.01	26.88 2.15 -0.01	26.60 2.11 -0.01	28.15 2.04 0.00	31.24 2.55 0.00	34.91 3.03 0.00	37.31 3.46 0.00	37.27 3.54 0.01	41.48 3.86 -3.16	44.02 3.81 -5.84	45.71 4.10 -6.55	45.80 4.34 -4.96	46.59 4.35 -5.64	47.44 4.71 -3.80	47.72 5.51 4.13	45.93 5.47 8.36	50.63 4.85 0.01	40.28 4.50 5.49	45.24 4.20 0.14	37.46 3.64 1.81	34.33 3.09 2.43	29.20 2.70 3.54
RCPL_TRUST___DRP 24196	31.79 2.86 0.00	29.63 2.35 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.52 2.03 0.00	28.20 2.09 0.00	31.27 2.58 0.00	34.91 3.03 0.00	37.28 3.42 0.00	37.21 3.47 0.00	38.62 3.65 -0.50	43.91 3.75 -5.80	45.71 4.10 -6.55	45.74 4.27 -4.97	46.58 4.35 -5.63	47.49 4.75 -3.81	51.89 5.56 0.00	54.38 5.57 0.00	50.83 5.04 0.00	45.64 4.37 0.00	45.21 4.04 0.00	39.13 3.49 0.00	36.62 2.96 0.00	32.65 2.61 0.00
RED___ROCHESTER 323720	28.52 -0.41 0.00	26.66 -0.63 0.00	25.05 -0.62 0.00	23.91 -0.82 0.00	23.78 -0.71 0.00	25.51 -0.60 0.00	28.37 -0.31 0.00	31.53 -0.35 0.00	33.38 -0.47 0.00	33.57 -0.17 0.00	34.71 0.24 0.00	34.51 0.14 0.00	35.24 0.18 0.00	36.61 0.11 0.00	36.23 -0.37 0.00	38.19 -0.74 0.00	45.54 -0.79 0.00	48.14 -0.68 0.00	45.24 -0.55 0.00	41.06 -0.21 0.00	41.79 0.62 0.00	36.32 0.68 0.00	34.23 0.57 0.00	30.61 0.57 0.00
REGAN___SOLAR 323812	32.66 3.73 0.00	30.61 3.33 0.00	28.57 2.90 0.00	27.49 2.77 0.00	27.16 2.67 0.00	29.12 3.00 0.00	32.33 3.64 0.00	35.83 3.95 0.00	38.05 4.20 0.00	37.78 4.05 0.00	38.46 4.00 0.00	38.11 3.75 0.00	39.16 4.10 0.00	40.62 4.12 0.00	40.77 4.17 0.00	43.06 4.13 0.00	51.47 5.14 0.00	54.92 6.10 0.00	52.06 6.27 0.00	47.17 5.90 0.00	47.64 6.46 0.00	41.02 5.38 0.00	38.14 4.48 0.00	33.73 3.69 0.00
RENSSELAER___COGEN 23796	29.94 1.01 0.00	28.13 0.85 0.00	26.51 0.85 0.00	25.57 0.84 0.00	25.27 0.78 0.00	26.90 0.78 0.00	29.60 0.92 0.00	32.71 0.83 0.00	34.77 0.91 0.00	34.58 0.84 0.00	35.40 0.93 0.00	35.16 0.79 0.00	36.01 0.95 0.00	37.52 1.02 0.00	37.66 1.06 0.00	40.18 1.25 0.00	47.81 1.48 0.00	50.38 1.56 0.00	47.30 1.51 0.00	42.55 1.28 0.00	42.29 1.11 0.00	36.64 1.00 0.00	34.30 0.64 0.00	30.70 0.66 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.78 3.85 0.00	30.72 3.44 0.00	28.67 3.00 0.00	27.62 2.89 0.00	27.30 2.82 0.00	29.22 3.11 0.00	32.41 3.73 0.00	35.77 3.89 0.00	38.33 4.47 0.00	38.16 4.42 0.00	38.46 4.00 0.00	38.22 3.85 0.00	38.95 3.89 0.00	40.40 3.91 0.00	40.48 3.88 0.00	42.83 3.89 0.00	50.96 4.63 0.00	54.38 5.57 0.00	51.51 5.72 0.00	46.51 5.24 0.00	47.06 5.89 0.00	40.56 4.92 0.00	37.70 4.04 0.00	33.40 3.36 0.00
REVERE_CPPR_DRP 24186	29.94 1.01 0.00	28.08 0.79 0.00	26.41 0.74 0.00	25.47 0.74 0.00	25.25 0.76 0.00	27.05 0.94 0.00	29.92 1.23 0.00	33.35 1.40 -0.07	35.45 1.42 -0.17	35.12 1.38 0.00	35.71 1.24 0.00	35.67 1.31 0.00	36.46 1.40 0.00	37.70 1.39 0.18	37.63 1.32 0.29	39.76 1.32 0.50	47.47 1.81 0.67	50.18 2.05 0.69	47.82 2.15 0.12	43.46 1.98 -0.21	43.61 2.22 -0.21	37.64 2.00 0.00	35.21 1.55 0.00	31.33 1.29 0.00
REYNOLDS_115KV_TB3 80639	30.20 1.27 0.00	28.35 1.06 0.00	26.69 1.03 0.00	25.74 1.01 0.00	25.44 0.95 0.00	27.11 0.99 0.00	29.83 1.15 0.00	33.00 1.12 0.00	35.07 1.22 0.00	34.85 1.11 0.00	35.60 1.14 0.00	35.47 1.10 0.00	36.39 1.33 0.00	37.88 1.39 0.00	38.02 1.43 0.00	40.57 1.64 0.00	48.32 1.99 0.00	50.92 2.10 0.00	47.76 1.97 0.00	42.96 1.69 0.00	42.66 1.48 0.00	36.92 1.28 0.00	34.57 0.91 0.00	30.97 0.93 0.00
RIVERBAY____ 323610	32.26 3.33 -0.01	30.07 2.78 0.00	28.27 2.59 -0.01	27.23 2.50 -0.01	26.89 2.40 -0.01	28.41 2.30 0.00	31.47 2.78 0.00	35.16 3.28 0.00	37.58 3.72 0.00	37.47 3.74 0.01	38.88 3.89 -0.52	44.55 3.99 -6.19	46.40 4.35 -6.99	46.40 4.60 -5.30	47.14 4.54 -6.01	47.83 4.94 -3.95	52.08 5.75 0.00	54.58 5.76 0.00	50.96 5.17 0.00	46.06 4.79 0.00	45.58 4.41 0.00	39.53 3.88 0.00	37.14 3.47 -0.01	33.07 3.03 0.00
RIVERSDE_115KV_TB3 55908	30.12 1.19 0.00	28.27 0.98 0.00	26.64 0.98 0.00	25.69 0.96 0.00	25.39 0.91 0.00	27.03 0.91 0.00	29.75 1.06 0.00	32.90 1.02 0.00	34.97 1.12 0.00	34.78 1.05 0.00	35.53 1.07 0.00	35.36 1.00 0.00	36.29 1.23 0.00	37.78 1.28 0.00	37.91 1.32 0.00	40.45 1.52 0.00	48.14 1.81 0.00	50.77 1.95 0.00	47.62 1.83 0.00	42.84 1.57 0.00	42.58 1.40 0.00	36.85 1.21 0.00	34.50 0.84 0.00	30.88 0.84 0.00
ROARING___BROOK_WT_PWR 323790	28.18 -0.75 0.00	26.63 -0.66 0.00	25.08 -0.59 0.00	24.18 -0.54 0.00	23.95 -0.54 0.00	25.04 -1.07 0.00	27.42 -1.26 0.00	30.54 -1.34 0.00	32.50 -1.36 0.00	32.32 -1.42 0.00	32.91 -1.55 0.00	32.89 -1.48 0.00	33.44 -1.61 0.01	24.79 -1.68 10.03	19.31 -1.68 15.60	10.02 -1.79 27.12	7.54 -2.08 36.71	3.63 -2.15 43.04	37.06 -1.92 6.81	39.62 -1.65 0.00	39.61 -1.56 0.00	34.29 -1.35 0.00	32.62 -1.04 0.00	29.11 -0.93 0.00
ROCHESRG_115KV_T4 355643	28.21 -0.72 0.00	26.30 -0.98 0.00	24.77 -0.90 0.00	23.69 -1.04 0.00	23.53 -0.95 0.00	25.25 -0.86 0.00	28.05 -0.63 0.00	31.15 -0.73 0.00	32.94 -0.91 0.00	32.79 -0.94 0.00	33.64 -0.83 0.00	33.82 -0.55 0.00	34.75 -0.32 0.00	36.06 -0.44 0.00	35.75 -0.84 0.00	37.73 -1.21 0.00	44.90 -1.44 0.00	47.50 -1.32 0.00	44.60 -1.19 0.00	40.53 -0.74 0.00	41.30 0.12 0.00	35.85 0.21 0.00	33.80 0.13 0.00	30.19 0.15 0.00

ROCHESTER_9_IC 23652	28.38 -0.55 0.00	26.47 -0.82 0.00	24.92 -0.74 0.00	23.81 -0.91 0.00	23.65 -0.83 0.00	25.41 -0.71 0.00	28.23 -0.46 0.00	31.34 -0.54 0.00	33.18 -0.68 0.00	32.99 -0.74 0.00	33.84 -0.62 0.00	34.06 -0.31 0.00	35.03 -0.04 0.00	36.35 -0.15 0.00	36.01 -0.59 0.00	37.96 -0.97 0.00	45.22 -1.11 0.00	47.84 -0.98 0.00	44.92 -0.87 0.00	40.82 -0.45 0.00	41.63 0.45 0.00	36.14 0.50 0.00	34.03 0.37 0.00	30.40 0.36 0.00
ROCKVIEW_13_KV_LD 356306	31.71 2.78 0.00	29.55 2.26 0.00	27.77 2.10 0.00	26.75 2.03 0.00	26.45 1.96 0.00	28.15 2.04 0.00	31.18 2.50 0.00	34.81 2.93 0.00	37.14 3.28 0.00	37.04 3.31 0.00	37.95 3.48 0.00	37.94 3.57 0.00	38.99 3.93 0.00	40.62 4.12 0.00	40.77 4.17 0.00	43.53 4.59 0.00	51.71 5.37 0.00	54.34 5.52 0.00	50.74 4.95 0.00	45.60 4.33 0.00	45.21 4.04 0.00	39.10 3.46 0.00	36.56 2.89 0.00	32.56 2.52 0.00
ROME____115KV_TB2 80656	29.94 1.01 0.00	28.08 0.79 0.00	26.41 0.74 0.00	25.47 0.74 0.00	25.25 0.76 0.00	27.05 0.94 0.00	29.92 1.23 0.00	33.35 1.40 -0.07	35.45 1.42 -0.17	35.12 1.38 0.00	35.71 1.24 0.00	35.67 1.31 0.00	36.46 1.40 0.00	37.70 1.39 0.18	37.63 1.32 0.29	39.76 1.32 0.50	47.47 1.81 0.67	50.18 2.05 0.69	47.82 2.15 0.12	43.46 1.98 -0.21	43.61 2.22 -0.21	37.64 2.00 0.00	35.21 1.55 0.00	31.33 1.29 0.00
ROSETON____1 23587	31.07 2.14 0.00	29.01 1.72 0.00	27.26 1.59 0.00	26.28 1.56 0.00	25.98 1.49 0.00	27.68 1.57 0.00	30.58 1.89 0.00	34.05 2.17 0.00	36.30 2.44 0.00	36.20 2.46 0.00	37.19 2.72 0.00	37.01 2.65 0.00	37.97 2.91 0.00	39.56 3.07 0.00	39.70 3.11 0.00	42.40 3.46 0.00	50.41 4.08 0.00	53.02 4.20 0.00	49.55 3.76 0.00	44.57 3.30 0.00	44.22 3.05 0.00	38.24 2.60 0.00	35.75 2.09 0.00	31.87 1.83 0.00
ROSETON____2 23588	31.07 2.14 0.00	29.01 1.72 0.00	27.26 1.59 0.00	26.28 1.56 0.00	25.98 1.49 0.00	27.68 1.57 0.00	30.58 1.89 0.00	34.05 2.17 0.00	36.30 2.44 0.00	36.20 2.46 0.00	37.19 2.72 0.00	37.01 2.65 0.00	37.97 2.91 0.00	39.56 3.07 0.00	39.70 3.11 0.00	42.40 3.46 0.00	50.41 4.08 0.00	53.02 4.20 0.00	49.55 3.76 0.00	44.57 3.30 0.00	44.22 3.05 0.00	38.24 2.60 0.00	35.75 2.09 0.00	31.87 1.83 0.00
ROTTDAM_115KV_TB3 80664	30.20 1.27 0.00	28.35 1.06 0.00	26.64 0.98 0.00	25.69 0.96 0.00	25.42 0.93 0.00	27.11 0.99 0.00	29.86 1.18 0.00	33.12 1.24 0.00	35.21 1.35 0.00	35.05 1.32 0.00	35.77 1.31 0.00	35.67 1.31 0.00	36.53 1.47 0.00	38.03 1.53 0.00	38.13 1.54 0.00	40.61 1.67 0.00	48.37 2.04 0.00	51.02 2.20 0.00	47.94 2.15 0.00	43.17 1.90 0.00	43.07 1.89 0.00	37.24 1.60 0.00	34.91 1.25 0.00	31.15 1.11 0.00
RUSSELL____1 23602	28.52 -0.41 0.00	26.60 -0.68 0.00	25.03 -0.64 0.00	23.91 -0.82 0.00	23.75 -0.73 0.00	25.51 -0.60 0.00	28.37 -0.32 0.00	31.50 -0.38 0.00	33.38 -0.47 0.00	33.20 -0.54 0.00	34.05 -0.41 0.00	34.26 -0.10 0.00	35.24 0.18 0.00	36.57 0.07 0.00	36.23 -0.37 0.00	38.19 -0.74 0.00	45.54 -0.79 0.00	48.14 -0.68 0.00	45.19 -0.60 0.00	41.06 -0.21 0.00	41.88 0.70 0.00	36.35 0.71 0.00	34.23 0.57 0.00	30.55 0.51 0.00
RUSSELL____2 23532	28.52 -0.41 0.00	26.60 -0.68 0.00	25.03 -0.64 0.00	23.91 -0.82 0.00	23.75 -0.73 0.00	25.51 -0.60 0.00	28.37 -0.32 0.00	31.50 -0.38 0.00	33.38 -0.47 0.00	33.20 -0.54 0.00	34.05 -0.41 0.00	34.26 -0.10 0.00	35.24 0.18 0.00	36.57 0.07 0.00	36.23 -0.37 0.00	38.19 -0.74 0.00	45.54 -0.79 0.00	48.14 -0.68 0.00	45.19 -0.60 0.00	41.06 -0.21 0.00	41.88 0.70 0.00	36.35 0.71 0.00	34.23 0.57 0.00	30.55 0.51 0.00
RUSSELL____3 23549	28.52 -0.41 0.00	26.60 -0.68 0.00	25.03 -0.64 0.00	23.91 -0.82 0.00	23.75 -0.73 0.00	25.51 -0.60 0.00	28.37 -0.32 0.00	31.50 -0.38 0.00	33.38 -0.47 0.00	33.20 -0.54 0.00	34.05 -0.41 0.00	34.26 -0.10 0.00	35.24 0.18 0.00	36.57 0.07 0.00	36.23 -0.37 0.00	38.19 -0.74 0.00	45.54 -0.79 0.00	48.14 -0.68 0.00	45.19 -0.60 0.00	41.06 -0.21 0.00	41.88 0.70 0.00	36.35 0.71 0.00	34.23 0.57 0.00	30.55 0.51 0.00
RUSSELL____4 23556	28.52 -0.41 0.00	26.60 -0.68 0.00	25.03 -0.64 0.00	23.91 -0.82 0.00	23.75 -0.73 0.00	25.51 -0.60 0.00	28.37 -0.32 0.00	31.50 -0.38 0.00	33.38 -0.47 0.00	33.20 -0.54 0.00	34.05 -0.41 0.00	34.26 -0.10 0.00	35.24 0.18 0.00	36.57 0.07 0.00	36.23 -0.37 0.00	38.19 -0.74 0.00	45.54 -0.79 0.00	48.14 -0.68 0.00	45.19 -0.60 0.00	41.06 -0.21 0.00	41.88 0.70 0.00	36.35 0.71 0.00	34.23 0.57 0.00	30.55 0.51 0.00
RUSSELL____STATION 23914	28.52 -0.41 0.00	26.60 -0.68 0.00	25.03 -0.64 0.00	23.91 -0.82 0.00	23.75 -0.73 0.00	25.51 -0.60 0.00	28.37 -0.32 0.00	31.50 -0.38 0.00	33.38 -0.47 0.00	33.20 -0.54 0.00	34.05 -0.41 0.00	34.26 -0.10 0.00	35.24 0.18 0.00	36.57 0.07 0.00	36.23 -0.37 0.00	38.19 -0.74 0.00	45.54 -0.79 0.00	48.14 -0.68 0.00	45.19 -0.60 0.00	41.06 -0.21 0.00	41.88 0.70 0.00	36.35 0.71 0.00	34.23 0.57 0.00	30.55 0.51 0.00
S SALMON____HYD 24043	28.73 -0.20 0.00	26.96 -0.33 0.00	25.39 -0.28 0.00	24.43 -0.30 0.00	24.19 -0.29 0.00	25.90 -0.21 0.00	28.60 -0.09 0.00	32.14 -0.06 -0.32	34.54 -0.13 -0.82	33.67 -0.07 0.00	34.43 -0.03 0.00	34.27 -0.10 0.00	34.96 -0.10 0.00	35.85 -0.18 0.47	35.57 -0.29 0.73	37.31 -0.35 1.27	44.11 -0.51 1.72	46.85 -0.39 1.58	45.29 -0.18 0.32	42.20 -0.04 -0.97	42.32 0.17 -0.98	35.82 0.18 0.00	33.76 0.10 0.00	30.04 0.00 0.00
S.PERRY__115KV_TB1 80734	29.19 0.26 0.00	27.15 -0.14 0.00	25.57 -0.10 0.00	24.38 -0.35 0.00	24.22 -0.27 0.00	26.09 -0.03 0.00	29.12 0.43 0.00	32.14 0.26 0.00	33.65 -0.20 0.00	33.33 -0.40 0.00	33.98 -0.48 0.00	34.09 -0.27 0.00	35.06 0.00 0.00	36.46 -0.04 0.00	36.19 -0.40 0.00	38.27 -0.66 0.00	45.73 -0.60 0.00	48.77 -0.05 0.00	46.25 0.46 0.00	42.34 1.07 0.00	43.40 2.22 0.00	37.60 1.96 0.00	35.34 1.68 0.00	31.51 1.47 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.74 -1.19 0.00	25.76 -1.53 0.00	24.26 -1.41 0.00	23.12 -1.61 0.00	22.97 -1.52 0.00	24.76 -1.36 0.00	27.65 -1.03 0.00	30.48 -1.40 0.00	32.13 -1.73 0.00	31.91 -1.82 0.00	32.88 -1.59 0.00	33.27 -1.10 0.00	34.29 -0.77 0.00	35.55 -0.95 0.00	34.95 -1.65 0.00	36.68 -2.26 0.00	43.64 -2.69 0.00	46.43 -2.39 0.00	43.50 -2.29 0.00	39.78 -1.49 0.00	41.05 -0.12 0.00	35.71 0.07 0.00	33.73 0.07 0.00	30.37 0.33 0.00
SAWYER____23_KV_LOAD 55526	27.74 -1.19 0.00	25.76 -1.53 0.00	24.26 -1.41 0.00	23.12 -1.61 0.00	22.97 -1.52 0.00	24.76 -1.36 0.00	27.65 -1.03 0.00	30.48 -1.40 0.00	32.13 -1.73 0.00	31.91 -1.82 0.00	32.88 -1.59 0.00	33.27 -1.10 0.00	34.29 -0.77 0.00	35.55 -0.95 0.00	34.95 -1.65 0.00	36.68 -2.26 0.00	43.64 -2.69 0.00	46.43 -2.39 0.00	43.50 -2.29 0.00	39.78 -1.49 0.00	41.05 -0.12 0.00	35.71 0.07 0.00	33.73 0.07 0.00	30.37 0.33 0.00

SELKIRK___I 23801	30.09 1.16 0.00	28.30 1.01 0.00	26.62 0.95 0.00	25.67 0.94 0.00	25.37 0.88 0.00	27.03 0.91 0.00	29.72 1.03 0.00	32.87 0.99 0.00	34.87 1.01 0.00	34.65 0.91 0.00	35.40 0.93 0.00	35.09 0.72 0.00	35.90 0.84 0.00	37.41 0.91 0.00	37.51 0.92 0.00	40.02 1.09 0.00	47.68 1.34 0.00	50.33 1.52 0.00	47.30 1.51 0.00	42.63 1.36 0.00	42.45 1.28 0.00	36.85 1.21 0.00	34.53 0.87 0.00	30.88 0.84 0.00
SELKIRK___II 23799	29.88 0.95 0.00	28.08 0.79 0.00	26.44 0.77 0.00	25.49 0.77 0.00	25.22 0.73 0.00	26.84 0.73 0.00	29.54 0.86 0.00	32.71 0.83 0.00	34.77 0.91 0.00	34.58 0.84 0.00	35.43 0.96 0.00	35.05 0.69 0.00	35.90 0.84 0.00	37.37 0.87 0.00	37.51 0.92 0.00	40.02 1.09 0.00	47.63 1.30 0.00	50.18 1.37 0.00	47.12 1.33 0.00	42.38 1.11 0.00	42.16 0.99 0.00	36.67 1.03 0.00	34.33 0.67 0.00	30.70 0.66 0.00
SENECA OSWGO___HYD 24041	28.55 -0.38 0.00	26.85 -0.44 0.00	25.26 -0.41 0.00	24.31 -0.42 0.00	24.07 -0.42 0.00	25.69 -0.42 0.00	28.34 -0.34 0.00	31.98 -0.35 -0.45	34.57 -0.44 -1.15	33.43 -0.30 0.00	34.26 -0.21 0.00	34.09 -0.28 0.00	34.82 -0.24 0.00	36.20 -0.29 0.00	36.19 -0.40 0.00	38.47 -0.47 0.00	45.78 -0.55 0.00	48.95 -0.49 -0.61	45.38 -0.41 0.00	42.34 -0.29 -1.36	42.42 -0.12 -1.37	35.57 -0.07 0.00	33.46 -0.20 0.00	29.83 -0.21 0.00
SENECA___115KV_TB3 355854	28.09 -0.84 0.00	26.06 -1.23 0.00	24.54 -1.13 0.00	23.37 -1.36 0.00	23.24 -1.25 0.00	25.04 -1.07 0.00	28.03 -0.66 0.00	30.92 -0.96 0.00	32.60 -1.25 0.00	32.39 -1.35 0.00	33.40 -1.07 0.00	33.71 -0.65 0.00	34.75 -0.32 0.00	36.10 -0.40 0.00	35.53 -1.06 0.00	37.30 -1.64 0.00	44.34 -1.99 0.00	47.21 -1.61 0.00	44.28 -1.51 0.00	40.44 -0.83 0.00	41.63 0.45 0.00	36.21 0.57 0.00	34.17 0.50 0.00	30.76 0.72 0.00
SENECA___ENERGY 23797	28.70 -0.23 0.00	26.88 -0.41 0.00	25.28 -0.38 0.00	24.23 -0.49 0.00	24.05 -0.44 0.00	25.77 -0.34 0.00	28.60 -0.09 0.00	32.03 -0.03 -0.18	34.18 -0.13 -0.46	33.77 0.03 0.00	34.74 0.27 0.00	34.54 0.17 0.00	35.20 0.14 0.00	36.61 0.11 0.00	36.45 -0.15 0.00	38.62 -0.31 0.00	46.01 -0.32 0.00	48.97 -0.10 -0.24	45.79 0.00 0.00	41.98 0.17 -0.54	42.25 0.53 -0.55	36.18 0.54 0.00	34.00 0.34 0.00	30.31 0.27 0.00
SHOEMAKER___GT 23640	30.84 1.91 0.00	28.81 1.53 0.00	27.08 1.41 0.00	26.08 1.36 0.00	25.81 1.32 0.00	27.50 1.38 0.00	30.38 1.69 0.00	33.76 1.88 0.00	35.96 2.10 0.00	35.86 2.13 0.00	36.81 2.34 0.00	36.67 2.30 0.00	37.59 2.53 0.00	39.16 2.66 0.00	39.30 2.71 0.00	41.93 3.00 0.00	49.90 3.57 0.00	52.53 3.71 0.00	49.18 3.39 0.00	44.24 2.97 0.00	43.98 2.80 0.00	38.03 2.39 0.00	35.54 1.88 0.00	31.69 1.65 0.00
SHOEMAKR_138KV_BK 111 55601	30.84 1.91 0.00	28.81 1.53 0.00	27.08 1.41 0.00	26.09 1.36 0.00	25.78 1.30 0.00	27.47 1.36 0.00	30.38 1.69 0.00	33.79 1.91 0.00	35.99 2.13 0.00	35.86 2.13 0.00	36.67 2.21 0.00	36.64 2.27 0.00	37.62 2.56 0.00	39.20 2.70 0.00	39.34 2.74 0.00	41.97 3.04 0.00	49.95 3.61 0.00	52.58 3.76 0.00	49.18 3.39 0.00	44.24 2.97 0.00	43.93 2.76 0.00	38.03 2.39 0.00	35.55 1.88 0.00	31.72 1.68 0.00
SHOREHAM_IC_1 23715	43.53 3.18 -11.42	42.76 2.65 -12.83	38.29 2.41 -10.21	34.20 2.32 -7.15	31.65 2.28 -4.88	35.54 2.35 -7.07	38.01 2.84 -6.48	40.90 3.28 -5.73	43.50 3.72 -5.92	43.76 3.81 -6.22	47.07 4.24 -8.36	50.75 4.23 -12.16	53.41 4.49 -13.86	65.22 4.78 -23.94	64.34 4.87 -22.88	65.59 5.29 -21.36	103.78 6.30 -51.15	136.09 6.54 -80.73	133.56 5.91 -81.86	60.57 5.20 -14.10	54.18 4.86 -8.15	53.49 4.13 -13.72	46.18 3.47 -9.06	45.09 2.95 -12.11
SHOREHAM_IC_2 23716	43.53 3.18 -11.42	42.76 2.65 -12.83	38.29 2.41 -10.21	34.20 2.32 -7.15	31.65 2.28 -4.88	35.54 2.35 -7.07	38.01 2.84 -6.48	40.90 3.28 -5.73	43.50 3.72 -5.92	43.76 3.81 -6.22	47.07 4.24 -8.36	50.75 4.23 -12.16	53.41 4.49 -13.86	65.22 4.78 -23.94	64.34 4.87 -22.88	65.59 5.29 -21.36	103.78 6.30 -51.15	136.09 6.54 -80.73	133.56 5.91 -81.86	60.57 5.20 -14.10	54.18 4.86 -8.15	53.49 4.13 -13.72	46.18 3.47 -9.06	45.09 2.95 -12.11
SISSONVILLE____ 23735	27.69 -1.24 0.00	26.41 -0.87 0.00	24.80 -0.87 0.00	23.93 -0.79 0.00	23.75 -0.73 0.00	25.33 -0.78 0.00	27.71 -0.98 0.00	30.87 -1.05 -0.04	32.81 -1.15 -0.11	32.66 -1.08 0.00	33.19 -1.28 0.00	32.99 -1.37 0.00	33.37 -1.68 0.01	29.60 -1.75 5.15	26.68 -1.90 8.01	22.95 -2.06 13.92	24.85 -2.64 18.84	23.90 -2.88 22.04	39.60 -2.70 3.49	38.96 -2.43 -0.13	39.08 -2.22 -0.13	33.79 -1.85 0.00	32.42 -1.25 0.00	29.05 -0.99 0.00
SITHE_IND_GS1 24169	28.06 -0.87 0.00	26.41 -0.87 0.00	24.87 -0.80 0.00	23.93 -0.79 0.00	23.70 -0.78 0.00	25.30 -0.81 0.00	27.85 -0.83 0.00	29.65 -0.93 1.30	29.50 -1.01 3.34	32.79 -0.94 0.00	33.60 -0.86 0.00	33.47 -0.89 0.00	34.19 -0.88 0.00	35.55 -0.95 0.00	35.57 -1.02 0.00	37.80 -1.13 0.00	44.94 -1.39 0.00	45.62 -1.42 1.78	44.51 -1.28 0.00	36.25 -1.07 3.95	36.25 -0.95 3.98	34.86 -0.78 0.00	32.82 -0.84 0.00	29.29 -0.75 0.00
SITHE_IND_GS2 24170	28.06 -0.87 0.00	26.41 -0.87 0.00	24.87 -0.80 0.00	23.93 -0.79 0.00	23.70 -0.78 0.00	25.30 -0.81 0.00	27.85 -0.83 0.00	29.65 -0.93 1.30	29.50 -1.01 3.34	32.79 -0.94 0.00	33.60 -0.86 0.00	33.47 -0.89 0.00	34.19 -0.88 0.00	35.55 -0.95 0.00	35.57 -1.02 0.00	37.80 -1.13 0.00	44.94 -1.39 0.00	45.62 -1.42 1.78	44.51 -1.28 0.00	36.25 -1.07 3.95	36.25 -0.95 3.98	34.86 -0.78 0.00	32.82 -0.84 0.00	29.29 -0.75 0.00
SITHE_IND_GS3 24171	28.06 -0.87 0.00	26.41 -0.87 0.00	24.87 -0.80 0.00	23.93 -0.79 0.00	23.70 -0.78 0.00	25.30 -0.81 0.00	27.85 -0.83 0.00	29.65 -0.93 1.30	29.50 -1.01 3.34	32.79 -0.94 0.00	33.60 -0.86 0.00	33.47 -0.89 0.00	34.19 -0.88 0.00	35.55 -0.95 0.00	35.57 -1.02 0.00	37.80 -1.13 0.00	44.94 -1.39 0.00	45.62 -1.42 1.78	44.51 -1.28 0.00	36.25 -1.07 3.95	36.25 -0.95 3.98	34.86 -0.78 0.00	32.82 -0.84 0.00	29.29 -0.75 0.00
SITHE_IND_GS4 24172	28.06 -0.87 0.00	26.41 -0.87 0.00	24.87 -0.80 0.00	23.93 -0.79 0.00	23.70 -0.78 0.00	25.30 -0.81 0.00	27.85 -0.83 0.00	29.65 -0.93 1.30	29.50 -1.01 3.34	32.79 -0.94 0.00	33.60 -0.86 0.00	33.47 -0.89 0.00	34.19 -0.88 0.00	35.55 -0.95 0.00	35.57 -1.02 0.00	37.80 -1.13 0.00	44.94 -1.39 0.00	45.62 -1.42 1.78	44.51 -1.28 0.00	36.25 -1.07 3.95	36.25 -0.95 3.98	34.86 -0.78 0.00	32.82 -0.84 0.00	29.29 -0.75 0.00
SITHE___BATAVIA 24024	28.50 -0.43 0.00	26.52 -0.76 0.00	24.95 -0.72 0.00	23.74 -0.99 0.00	23.63 -0.86 0.00	25.46 -0.65 0.00	28.40 -0.29 0.00	31.43 -0.45 0.00	33.18 -0.68 0.00	33.43 -0.30 0.00	34.71 0.24 0.00	34.40 0.03 0.00	35.17 0.11 0.00	36.53 0.04 0.00	35.90 -0.70 0.00	37.65 -1.28 0.00	44.90 -1.44 0.00	47.65 -1.17 0.00	44.78 -1.01 0.00	40.90 -0.37 0.00	42.04 0.87 0.00	36.57 0.93 0.00	34.53 0.87 0.00	31.06 1.02 0.00

SITHE___INDEPEND 23800	28.06 -0.87 0.00	26.41 -0.87 0.00	24.87 -0.80 0.00	23.93 -0.79 0.00	23.73 -0.76 0.00	25.30 -0.81 0.00	27.85 -0.83 0.00	29.65 -0.92 1.30	29.50 -1.02 3.34	32.72 -1.01 0.00	33.43 -1.03 0.00	33.41 -0.96 0.00	34.18 -0.88 0.00	35.55 -0.95 0.00	35.57 -1.02 0.00	37.80 -1.13 0.00	44.94 -1.39 0.00	45.62 -1.42 1.78	44.51 -1.28 0.00	36.25 -1.07 3.95	36.25 -0.95 3.98	34.86 -0.78 0.00	32.82 -0.84 0.00	29.29 -0.75 0.00
SITHE___MASSENA 23902	27.95 -0.98 0.00	26.63 -0.66 0.00	25.05 -0.62 0.00	24.16 -0.57 0.00	23.95 -0.54 0.00	25.49 -0.63 0.00	27.88 -0.80 0.00	30.99 -0.89 0.00	32.87 -0.98 0.00	32.69 -1.05 0.00	33.12 -1.34 0.00	33.13 -1.24 0.00	33.65 -1.40 0.01	28.79 -1.46 6.25	25.49 -1.39 9.72	20.61 -1.44 16.89	21.67 -1.81 22.86	20.01 -2.00 26.80	39.59 -1.97 4.24	39.50 -1.77 0.00	39.45 -1.73 0.00	34.11 -1.53 0.00	32.62 -1.04 0.00	29.11 -0.93 0.00
SITHE___OGDNSBRG 24021	28.12 -0.81 0.00	26.82 -0.46 0.00	25.21 -0.46 0.00	24.33 -0.40 0.00	24.14 -0.34 0.00	25.72 -0.39 0.00	28.14 -0.55 0.00	31.31 -0.57 0.00	33.15 -0.71 0.00	33.03 -0.71 0.00	33.53 -0.93 0.00	33.37 -1.00 0.00	33.76 -1.30 0.01	29.57 -1.35 5.58	26.57 -1.35 8.67	22.42 -1.44 15.07	24.03 -1.90 20.40	22.80 -2.10 23.92	40.08 -1.92 3.78	39.58 -1.69 0.00	39.65 -1.52 0.00	34.36 -1.28 0.00	32.85 -0.81 0.00	29.35 -0.69 0.00
SITHE___STERLING 23777	29.80 0.87 0.00	27.94 0.65 0.00	26.28 0.62 0.00	25.32 0.59 0.00	25.07 0.59 0.00	26.87 0.76 0.00	29.69 1.00 0.00	33.10 1.15 -0.07	35.16 1.12 -0.19	34.92 1.18 0.00	35.64 1.17 0.00	35.50 1.13 0.00	36.25 1.19 0.00	37.70 1.20 0.00	37.69 1.10 0.00	40.06 1.13 0.00	47.81 1.48 0.00	50.63 1.71 -0.10	47.57 1.78 0.00	43.14 1.65 -0.22	43.21 1.81 -0.22	37.28 1.64 0.00	34.91 1.25 0.00	31.09 1.05 0.00
SLEIGHT___34_KV_TB1 80719	28.44 -0.49 0.00	26.55 -0.74 0.00	25.00 -0.67 0.00	23.93 -0.79 0.00	23.75 -0.73 0.00	25.49 -0.63 0.00	28.31 -0.37 0.00	31.58 -0.35 -0.05	33.51 -0.47 -0.13	33.23 -0.51 0.00	34.05 -0.41 0.00	34.16 -0.21 0.00	35.03 -0.04 0.00	36.39 -0.11 0.00	36.16 -0.44 0.00	38.23 -0.70 0.00	45.54 -0.79 0.00	48.20 -0.68 -0.07	45.19 -0.60 0.00	41.13 -0.29 -0.15	41.66 0.33 -0.15	35.96 0.32 0.00	33.86 0.20 0.00	30.16 0.12 0.00
SOUTH CAIRO___GT 23612	31.04 2.11 0.00	29.09 1.80 0.00	27.41 1.75 0.00	26.38 1.66 0.00	26.05 1.57 0.00	27.79 1.67 0.00	30.61 1.92 0.00	33.54 1.66 0.00	35.58 1.73 0.00	35.25 1.52 0.00	35.84 1.38 0.00	35.47 1.10 0.00	36.50 1.44 0.00	38.03 1.53 0.00	38.21 1.61 0.00	40.72 1.79 0.00	48.60 2.27 0.00	51.65 2.83 0.00	48.72 2.93 0.00	43.87 2.60 0.00	43.85 2.68 0.00	38.06 2.42 0.00	35.44 1.78 0.00	31.63 1.59 0.00
SOUTH HAMPTN___IC 23720	43.91 3.56 -11.42	43.09 2.97 -12.83	38.57 2.69 -10.21	34.48 2.60 -7.15	31.89 2.52 -4.88	35.82 2.64 -7.07	38.32 3.16 -6.48	41.28 3.66 -5.73	44.01 4.23 -5.92	44.34 4.38 -6.22	47.79 4.96 -8.36	51.51 4.98 -12.16	54.22 5.29 -13.86	66.05 5.62 -23.94	64.77 5.63 -22.54	66.41 6.11 -21.36	104.75 7.27 -51.14	134.75 7.57 -78.36	131.78 6.87 -79.12	60.95 5.98 -13.70	55.02 5.64 -8.20	54.27 4.85 -13.79	46.72 4.00 -9.06	45.51 3.36 -12.11
SOUTHDOW___115KV_TB1 355954	28.50 -0.43 0.00	26.39 -0.90 0.00	24.82 -0.85 0.00	23.61 -1.11 0.00	23.51 -0.98 0.00	25.41 -0.71 0.00	28.57 -0.11 0.00	31.75 -0.13 0.00	33.48 -0.37 0.00	33.33 -0.40 0.00	34.40 -0.07 0.00	34.64 0.27 0.00	35.66 0.60 0.00	37.12 0.62 0.00	36.63 0.04 0.00	38.58 -0.35 0.00	45.91 -0.42 0.00	49.06 0.24 0.00	45.97 0.18 0.00	41.97 0.70 0.00	43.03 1.85 0.00	37.46 1.82 0.00	35.21 1.55 0.00	31.66 1.62 0.00
SOUTHOLD_69_KV_BK 2 55809	44.05 3.70 -11.42	43.14 3.03 -12.83	38.65 2.77 -10.21	34.55 2.67 -7.15	31.94 2.57 -4.88	35.88 2.69 -7.07	38.38 3.21 -6.48	41.34 3.73 -5.73	44.25 4.47 -5.92	44.61 4.66 -6.22	48.00 5.17 -8.36	51.99 5.46 -12.16	54.74 5.82 -13.86	66.57 6.13 -23.94	65.29 6.15 -22.55	66.95 6.66 -21.36	105.44 7.97 -51.14	135.56 8.35 -78.39	132.55 7.60 -79.16	61.66 6.69 -13.71	55.64 6.26 -8.20	54.85 5.42 -13.79	47.13 4.41 -9.06	45.81 3.66 -12.11
SOUTHOLD___IC 23719	44.05 3.70 -11.42	43.17 3.06 -12.83	38.65 2.77 -10.21	34.55 2.67 -7.15	31.94 2.57 -4.88	35.88 2.69 -7.07	38.38 3.21 -6.48	41.37 3.76 -5.73	44.25 4.47 -5.92	44.67 4.72 -6.22	48.24 5.41 -8.36	52.06 5.53 -12.16	54.75 5.82 -13.86	66.60 6.17 -23.94	65.26 6.11 -22.55	66.95 6.66 -21.36	105.45 7.97 -51.14	135.56 8.35 -78.39	132.55 7.60 -79.16	61.58 6.60 -13.71	55.64 6.26 -8.20	54.84 5.42 -13.79	47.12 4.41 -9.06	45.78 3.63 -12.11
SOUTH_FORK_WT_PWR 323839	43.73 3.38 -11.42	42.87 2.75 -12.83	38.36 2.49 -10.21	34.25 2.37 -7.15	31.67 2.30 -4.88	35.56 2.38 -7.07	38.04 2.87 -6.48	41.03 3.41 -5.73	43.94 4.16 -5.92	44.40 4.45 -6.22	48.00 5.17 -8.36	51.82 5.29 -12.16	54.46 5.54 -13.86	66.27 5.84 -23.94	64.92 5.78 -22.55	66.57 6.27 -21.36	104.98 7.50 -51.14	135.10 7.91 -78.37	132.12 7.19 -79.14	61.20 6.23 -13.70	55.31 5.93 -8.20	54.63 5.20 -13.79	46.96 4.24 -9.06	45.57 3.42 -12.11
SPIERFLS_115KV_TB 1 80737	30.78 1.85 0.00	28.87 1.58 0.00	27.05 1.39 0.00	26.06 1.34 0.00	25.76 1.27 0.00	27.52 1.41 0.00	30.41 1.72 0.00	33.60 1.72 0.00	35.82 1.96 0.00	35.69 1.96 0.00	36.05 1.59 0.00	35.91 1.55 0.00	36.57 1.51 0.00	37.99 1.50 0.00	38.10 1.50 0.00	40.49 1.56 0.00	48.18 1.85 0.00	51.06 2.25 0.00	48.49 2.70 0.00	43.70 2.43 0.00	43.98 2.80 0.00	37.96 2.32 0.00	35.41 1.75 0.00	31.54 1.50 0.00
ST LAWRENCE____ 23600	28.00 -0.93 0.00	26.66 -0.63 0.00	25.08 -0.59 0.00	24.16 -0.57 0.00	23.97 -0.52 0.00	25.49 -0.63 0.00	27.85 -0.83 0.00	30.99 -0.89 0.00	32.87 -0.98 0.00	32.69 -1.05 0.00	33.19 -1.27 0.00	33.16 -1.20 0.00	33.72 -1.33 0.01	28.56 -1.39 6.55	25.10 -1.32 10.18	19.80 -1.44 17.69	20.67 -1.71 23.95	18.95 -1.86 28.01	39.56 -1.79 4.44	39.66 -1.61 0.00	39.53 -1.65 0.00	34.18 -1.46 0.00	32.65 -1.01 0.00	29.17 -0.87 0.00
STATE_CA_115KV_115_LB 55624	30.12 1.19 0.00	28.30 1.01 0.00	26.67 1.00 0.00	25.71 0.99 0.00	25.39 0.91 0.00	27.05 0.94 0.00	29.77 1.09 0.00	32.93 1.05 0.00	35.01 1.15 0.00	34.82 1.08 0.00	35.57 1.10 0.00	35.43 1.07 0.00	36.32 1.26 0.00	37.81 1.31 0.00	37.95 1.35 0.00	40.45 1.52 0.00	48.14 1.81 0.00	50.77 1.95 0.00	47.67 1.88 0.00	42.88 1.61 0.00	42.62 1.44 0.00	36.92 1.28 0.00	34.54 0.88 0.00	30.91 0.87 0.00
STATE_ST_34_KV_LOAD 55959	29.05 0.12 0.00	27.20 -0.08 0.00	25.59 -0.08 0.00	24.58 -0.15 0.00	24.36 -0.12 0.00	26.06 -0.05 0.00	28.86 0.17 0.00	32.34 0.26 -0.21	34.59 0.20 -0.53	33.97 0.24 0.00	34.71 0.24 0.00	34.75 0.38 0.00	35.52 0.46 0.00	36.97 0.47 0.00	36.89 0.29 0.00	39.21 0.27 0.00	46.66 0.32 0.00	49.64 0.54 -0.28	46.34 0.55 0.00	42.52 0.62 -0.63	42.71 0.91 -0.63	36.42 0.78 0.00	34.23 0.57 0.00	30.43 0.39 0.00

STATION 5_MISC_HYD 23604	28.38 -0.55 0.00	26.52 -0.76 0.00	24.92 -0.75 0.00	23.81 -0.91 0.00	23.65 -0.83 0.00	25.41 -0.70 0.00	28.22 -0.46 0.00	31.37 -0.51 0.00	33.18 -0.68 0.00	33.40 -0.34 0.00	34.50 0.03 0.00	34.30 -0.07 0.00	35.03 -0.04 0.00	36.39 -0.11 0.00	36.01 -0.59 0.00	37.96 -0.97 0.00	45.22 -1.11 0.00	47.84 -0.98 0.00	44.92 -0.87 0.00	40.82 -0.45 0.00	41.54 0.37 0.00	36.07 0.43 0.00	34.03 0.37 0.00	30.46 0.42 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.73 -0.20 0.00	26.82 -0.46 0.00	25.23 -0.44 0.00	24.16 -0.57 0.00	23.97 -0.51 0.00	25.72 -0.39 0.00	28.60 -0.09 0.00	31.90 -0.03 -0.05	33.86 -0.14 -0.14	33.57 -0.17 0.00	34.36 -0.10 0.00	34.51 0.14 0.00	35.38 0.32 0.00	36.75 0.26 0.00	36.52 -0.07 0.00	38.58 -0.35 0.00	45.96 -0.37 0.00	48.70 -0.20 -0.07	45.65 -0.14 0.00	41.60 0.17 -0.16	42.16 0.82 -0.16	36.42 0.78 0.00	34.27 0.61 0.00	30.52 0.48 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.26 -0.67 0.00	26.36 -0.93 0.00	24.82 -0.85 0.00	23.74 -0.99 0.00	23.58 -0.91 0.00	25.30 -0.81 0.00	28.11 -0.57 0.00	31.24 -0.64 0.00	33.08 -0.78 0.00	32.93 -0.81 0.00	33.78 -0.69 0.00	33.96 -0.41 0.00	34.89 -0.18 0.00	36.21 -0.29 0.00	35.90 -0.70 0.00	37.88 -1.05 0.00	45.13 -1.20 0.00	47.74 -1.07 0.00	44.78 -1.01 0.00	40.69 -0.58 0.00	41.42 0.25 0.00	35.93 0.29 0.00	33.83 0.17 0.00	30.22 0.18 0.00
STA_56____34_KV_BUS2 355983	28.26 -0.67 0.00	26.36 -0.93 0.00	24.82 -0.85 0.00	23.74 -0.99 0.00	23.58 -0.91 0.00	25.30 -0.81 0.00	28.11 -0.57 0.00	31.24 -0.64 0.00	33.08 -0.78 0.00	32.93 -0.81 0.00	33.78 -0.69 0.00	33.96 -0.41 0.00	34.89 -0.18 0.00	36.21 -0.29 0.00	35.90 -0.70 0.00	37.88 -1.05 0.00	45.13 -1.20 0.00	47.74 -1.07 0.00	44.78 -1.01 0.00	40.69 -0.58 0.00	41.42 0.25 0.00	35.93 0.29 0.00	33.83 0.17 0.00	30.22 0.18 0.00
STA_67____115KV_BK2 355882	28.32 -0.61 0.00	26.41 -0.87 0.00	24.85 -0.82 0.00	23.76 -0.96 0.00	23.60 -0.88 0.00	25.33 -0.78 0.00	28.17 -0.52 0.00	31.28 -0.61 0.00	33.08 -0.78 0.00	32.93 -0.81 0.00	33.78 -0.69 0.00	33.99 -0.38 0.00	34.92 -0.14 0.00	36.24 -0.26 0.00	35.90 -0.70 0.00	37.88 -1.05 0.00	45.13 -1.20 0.00	47.70 -1.12 0.00	44.78 -1.01 0.00	40.69 -0.58 0.00	41.50 0.33 0.00	36.03 0.39 0.00	33.93 0.27 0.00	30.31 0.27 0.00
STA_7____115KV_9TRANS 80674	28.52 -0.41 0.00	26.60 -0.68 0.00	25.03 -0.64 0.00	23.91 -0.82 0.00	23.75 -0.73 0.00	25.51 -0.60 0.00	28.37 -0.32 0.00	31.50 -0.38 0.00	33.38 -0.47 0.00	33.20 -0.54 0.00	34.05 -0.41 0.00	34.26 -0.10 0.00	35.24 0.18 0.00	36.57 0.07 0.00	36.23 -0.37 0.00	38.19 -0.74 0.00	45.54 -0.79 0.00	48.14 -0.68 0.00	45.19 -0.60 0.00	41.06 -0.21 0.00	41.88 0.70 0.00	36.35 0.71 0.00	34.23 0.57 0.00	30.55 0.51 0.00
STA_82____115KV_TB1 80780	28.32 -0.61 0.00	26.41 -0.87 0.00	24.87 -0.80 0.00	23.79 -0.94 0.00	23.60 -0.88 0.00	25.36 -0.76 0.00	28.20 -0.49 0.00	31.28 -0.61 0.00	33.11 -0.74 0.00	32.93 -0.81 0.00	33.78 -0.69 0.00	33.99 -0.38 0.00	34.92 -0.14 0.00	36.24 -0.26 0.00	35.94 -0.66 0.00	37.88 -1.05 0.00	45.13 -1.20 0.00	47.74 -1.07 0.00	44.83 -0.96 0.00	40.73 -0.54 0.00	41.50 0.33 0.00	36.03 0.39 0.00	33.96 0.30 0.00	30.34 0.30 0.00
STEEL____WIND 323596	28.03 -0.90 0.00	26.14 -1.14 0.00	24.57 -1.10 0.00	23.37 -1.36 0.00	23.21 -1.27 0.00	25.04 -1.07 0.00	28.00 -0.69 0.00	30.93 -0.96 0.00	32.57 -1.29 0.00	32.93 -0.81 0.00	34.33 -0.14 0.00	34.02 -0.34 0.00	34.71 -0.35 0.00	36.10 -0.40 0.00	35.46 -1.13 0.00	37.26 -1.67 0.00	44.29 -2.04 0.00	47.16 -1.66 0.00	44.28 -1.51 0.00	40.40 -0.87 0.00	41.47 0.29 0.00	36.10 0.46 0.00	34.17 0.51 0.00	30.82 0.78 0.00
STEPHTWN_115KV_BK_2 55603	30.26 1.33 0.00	28.40 1.12 0.00	26.75 1.08 0.00	25.79 1.06 0.00	25.49 1.00 0.00	27.16 1.04 0.00	29.92 1.23 0.00	33.06 1.18 0.00	35.18 1.32 0.00	34.95 1.21 0.00	35.71 1.24 0.00	35.54 1.17 0.00	36.43 1.37 0.00	37.92 1.42 0.00	38.10 1.50 0.00	40.61 1.67 0.00	48.37 2.04 0.00	51.06 2.25 0.00	47.94 2.15 0.00	43.13 1.86 0.00	42.86 1.69 0.00	37.14 1.50 0.00	34.74 1.08 0.00	31.06 1.02 0.00
STEUBEN_REC_LFGE 323667	28.47 -0.46 0.00	26.55 -0.74 0.00	25.03 -0.64 0.00	23.86 -0.87 0.00	23.68 -0.81 0.00	25.57 -0.55 0.00	28.60 -0.09 0.00	32.59 0.64 -0.07	34.33 0.30 -0.17	33.80 0.07 0.00	34.60 0.14 0.00	34.54 0.17 0.00	35.41 0.35 0.00	36.61 0.11 0.00	35.94 -0.66 0.00	37.88 -1.05 0.00	45.17 -1.16 0.00	48.37 -0.54 -0.09	45.52 -0.27 0.00	41.84 0.37 -0.20	42.82 1.44 -0.20	36.89 1.25 0.00	34.64 0.98 0.00	30.97 0.93 0.00
STILLWATER____SOLAR 323814	30.81 1.88 0.00	28.92 1.64 0.00	27.13 1.46 0.00	26.13 1.41 0.00	25.86 1.37 0.00	27.58 1.46 0.00	30.43 1.75 0.00	33.70 1.82 0.00	35.85 2.00 0.00	35.69 1.96 0.00	36.43 1.96 0.00	36.22 1.85 0.00	37.02 1.96 0.00	38.54 2.04 0.00	38.61 2.01 0.00	41.11 2.18 0.00	48.92 2.59 0.00	51.75 2.93 0.00	48.72 2.93 0.00	43.95 2.68 0.00	43.89 2.72 0.00	37.92 2.28 0.00	35.48 1.82 0.00	31.63 1.59 0.00
STONY____BROOK 24151	43.73 3.38 -11.42	42.95 2.84 -12.83	38.49 2.62 -10.21	34.40 2.52 -7.15	31.82 2.45 -4.88	35.75 2.56 -7.07	38.24 3.07 -6.48	41.18 3.57 -5.73	43.74 3.96 -5.92	44.00 4.05 -6.22	47.28 4.45 -8.36	50.88 4.37 -12.15	53.55 4.63 -13.86	65.33 4.89 -23.94	66.33 5.01 -24.72	65.51 5.22 -21.36	103.69 6.21 -51.15	148.83 6.34 -93.66	148.31 5.72 -96.80	62.71 5.16 -16.28	53.79 4.94 -7.67	52.97 4.20 -13.13	46.35 3.64 -9.06	45.30 3.15 -12.11
STURGEON_POOL_HYD 23609	31.24 2.31 0.00	29.11 1.83 0.00	27.36 1.69 0.00	26.38 1.66 0.00	26.08 1.59 0.00	27.73 1.62 0.00	30.64 1.95 0.00	34.11 2.23 0.00	36.36 2.51 0.00	36.30 2.56 0.00	37.15 2.69 0.00	37.19 2.82 0.00	38.22 3.16 0.00	39.78 3.28 0.00	40.00 3.40 0.00	42.67 3.74 0.00	50.78 4.45 0.00	53.41 4.59 0.00	49.87 4.08 0.00	44.82 3.55 0.00	44.43 3.25 0.00	38.46 2.82 0.00	35.95 2.29 0.00	32.05 2.01 0.00
ST_LAW_115_BK7_LBMP 345037	27.92 -1.01 0.00	26.60 -0.68 0.00	25.03 -0.64 0.00	24.13 -0.59 0.00	23.92 -0.56 0.00	25.43 -0.68 0.00	27.80 -0.89 0.00	30.89 -0.99 0.00	32.81 -1.05 0.00	32.59 -1.15 0.00	33.05 -1.41 0.00	33.10 -1.27 0.00	33.58 -1.47 0.01	28.53 -1.50 6.47	25.10 -1.43 10.07	19.92 -1.52 17.50	20.79 -1.85 23.69	18.99 -2.05 27.78	39.48 -1.92 4.39	39.50 -1.77 0.00	39.41 -1.77 0.00	34.07 -1.57 0.00	32.58 -1.08 0.00	29.08 -0.96 0.00
ST_LAW_115_BK8_LBMP 345038	27.92 -1.01 0.00	26.60 -0.68 0.00	25.03 -0.64 0.00	24.13 -0.59 0.00	23.92 -0.56 0.00	25.43 -0.68 0.00	27.80 -0.89 0.00	30.89 -0.99 0.00	32.81 -1.05 0.00	32.59 -1.15 0.00	33.05 -1.41 0.00	33.10 -1.27 0.00	33.58 -1.47 0.01	28.53 -1.50 6.47	25.10 -1.43 10.07	19.92 -1.52 17.50	20.79 -1.85 23.69	18.99 -2.05 27.78	39.48 -1.92 4.39	39.50 -1.77 0.00	39.41 -1.77 0.00	34.07 -1.57 0.00	32.58 -1.08 0.00	29.08 -0.96 0.00

ST_LAW_230_BK5_LBMP 345035	28.00 -0.93 0.00	26.66 -0.63 0.00	25.08 -0.59 0.00	24.16 -0.57 0.00	23.97 -0.52 0.00	25.49 -0.63 0.00	27.85 -0.83 0.00	30.99 -0.89 0.00	32.87 -0.98 0.00	32.69 -1.05 0.00	33.19 -1.27 0.00	33.16 -1.20 0.00	33.72 -1.33 0.01	28.50 -1.39 6.61	25.00 -1.32 10.28	19.63 -1.44 17.87	20.43 -1.71 24.19	18.60 -1.86 28.36	39.52 -1.79 4.48	39.66 -1.61 0.00	39.53 -1.65 0.00	34.18 -1.46 0.00	32.65 -1.01 0.00	29.17 -0.87 0.00
ST_LAW_230_BK6_LBMP 345036	28.00 -0.93 0.00	26.66 -0.63 0.00	25.08 -0.59 0.00	24.16 -0.57 0.00	23.97 -0.52 0.00	25.49 -0.63 0.00	27.85 -0.83 0.00	30.99 -0.89 0.00	32.87 -0.98 0.00	32.69 -1.05 0.00	33.19 -1.27 0.00	33.16 -1.20 0.00	33.72 -1.33 0.01	28.50 -1.39 6.61	25.00 -1.32 10.28	19.63 -1.44 17.87	20.43 -1.71 24.19	18.60 -1.86 28.36	39.52 -1.79 4.48	39.66 -1.61 0.00	39.53 -1.65 0.00	34.18 -1.46 0.00	32.65 -1.01 0.00	29.17 -0.87 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.07 2.14 0.00	29.00 1.72 0.00	27.26 1.59 0.00	26.26 1.53 0.00	25.96 1.47 0.00	27.65 1.54 0.00	30.58 1.89 0.00	34.05 2.17 0.00	36.29 2.44 0.00	36.20 2.46 0.00	37.05 2.58 0.00	37.01 2.65 0.00	38.04 2.98 0.00	39.60 3.10 0.00	39.78 3.18 0.00	42.48 3.54 0.00	50.50 4.17 0.00	53.16 4.34 0.00	49.68 3.89 0.00	44.65 3.38 0.00	44.30 3.13 0.00	38.31 2.67 0.00	35.81 2.15 0.00	31.93 1.89 0.00
SWANROAD_115KV_TB1 355699	27.28 -1.65 0.00	25.35 -1.94 0.00	23.90 -1.77 0.00	22.77 -1.95 0.00	22.65 -1.84 0.00	24.39 -1.72 0.00	27.14 -1.55 0.00	29.78 -2.10 0.00	31.38 -2.47 0.00	31.17 -2.56 0.00	32.12 -2.34 0.00	32.48 -1.89 0.00	33.41 -1.65 0.00	34.64 -1.86 0.00	34.03 -2.56 0.00	35.66 -3.27 0.00	42.44 -3.89 0.00	45.11 -3.71 0.00	42.31 -3.48 0.00	38.71 -2.56 0.00	40.06 -1.11 0.00	34.89 -0.75 0.00	32.99 -0.67 0.00	29.74 -0.30 0.00
SYNERGY___BIOGAS 323694	28.50 -0.43 0.00	26.52 -0.76 0.00	24.95 -0.72 0.00	23.74 -0.99 0.00	23.63 -0.86 0.00	25.46 -0.65 0.00	28.40 -0.29 0.00	31.43 -0.45 0.00	33.18 -0.68 0.00	33.43 -0.30 0.00	34.71 0.24 0.00	34.40 0.03 0.00	35.17 0.11 0.00	36.53 0.04 0.00	35.90 -0.70 0.00	37.65 -1.28 0.00	44.90 -1.44 0.00	47.65 -1.17 0.00	44.78 -1.01 0.00	40.90 -0.37 0.00	42.04 0.87 0.00	36.57 0.93 0.00	34.53 0.87 0.00	31.06 1.02 0.00
SYRACUSE___ENERGY_ST1 323597	28.87 -0.06 0.00	27.09 -0.19 0.00	25.51 -0.15 0.00	24.50 -0.22 0.00	24.29 -0.20 0.00	25.93 -0.18 0.00	28.63 -0.06 0.00	32.13 0.00 -0.25	34.43 -0.07 -0.64	33.70 -0.03 0.00	34.46 0.00 0.00	34.44 0.07 0.00	35.24 0.18 0.00	36.64 0.15 0.00	36.63 0.04 0.00	38.93 0.00 0.00	46.29 -0.05 0.00	49.21 0.05 -0.34	45.88 0.09 0.00	42.15 0.12 -0.75	42.26 0.33 -0.76	35.96 0.32 0.00	33.83 0.17 0.00	30.13 0.09 0.00
SYRACUSE___ENERGY_ST2 323598	28.87 -0.06 0.00	27.09 -0.19 0.00	25.51 -0.15 0.00	24.50 -0.22 0.00	24.29 -0.20 0.00	25.93 -0.18 0.00	28.63 -0.06 0.00	32.13 0.00 -0.25	34.43 -0.07 -0.64	33.70 -0.03 0.00	34.46 0.00 0.00	34.44 0.07 0.00	35.24 0.18 0.00	36.64 0.15 0.00	36.63 0.04 0.00	38.93 0.00 0.00	46.29 -0.05 0.00	49.21 0.05 -0.34	45.88 0.09 0.00	42.15 0.12 -0.75	42.26 0.33 -0.76	35.96 0.32 0.00	33.83 0.17 0.00	30.13 0.09 0.00
SYRACUSE___POWER 24017	28.73 -0.20 0.00	26.96 -0.33 0.00	25.36 -0.31 0.00	24.40 -0.32 0.00	24.17 -0.32 0.00	25.83 -0.29 0.00	28.48 -0.20 0.00	31.89 -0.16 -0.17	34.08 -0.20 -0.43	33.57 -0.17 0.00	34.33 -0.14 0.00	34.30 -0.07 0.00	35.10 0.04 0.00	36.53 0.04 0.00	36.49 -0.11 0.00	38.78 -0.16 0.00	46.10 -0.23 0.00	48.90 -0.15 -0.23	45.65 -0.14 0.00	41.73 -0.04 -0.51	41.81 0.12 -0.51	35.82 0.18 0.00	33.69 0.03 0.00	30.01 -0.03 0.00
TALLMAN___138KV_BK151 55660	31.36 2.43 0.00	29.25 1.96 0.00	27.46 1.80 0.00	26.46 1.73 0.00	26.18 1.69 0.00	27.86 1.75 0.00	30.84 2.15 0.00	34.37 2.49 0.00	36.70 2.84 0.00	36.60 2.87 0.00	37.46 3.00 0.00	37.46 3.09 0.00	38.53 3.47 0.00	40.15 3.65 0.00	40.29 3.70 0.00	43.02 4.09 0.00	51.15 4.82 0.00	53.80 4.98 0.00	50.23 4.44 0.00	45.15 3.88 0.00	44.72 3.54 0.00	38.67 3.03 0.00	36.12 2.46 0.00	32.23 2.19 0.00
TEALLAVE_115KV_TB7 355573	28.73 -0.20 0.00	26.96 -0.33 0.00	25.39 -0.28 0.00	24.40 -0.32 0.00	24.17 -0.32 0.00	25.83 -0.29 0.00	28.51 -0.17 0.00	31.86 -0.16 -0.14	34.00 -0.20 -0.35	33.57 -0.17 0.00	34.33 -0.14 0.00	34.30 -0.07 0.00	35.10 0.04 0.00	36.53 0.04 0.00	36.49 -0.11 0.00	38.78 -0.16 0.00	46.05 -0.28 0.00	48.81 -0.20 -0.19	45.65 -0.14 0.00	41.60 -0.08 -0.41	41.71 0.12 -0.41	35.82 0.18 0.00	33.69 0.03 0.00	30.01 -0.03 0.00
TELGRAPH_34_KV_EAST 80808	28.03 -0.90 0.00	26.00 -1.28 0.00	24.51 -1.16 0.00	23.37 -1.36 0.00	23.24 -1.25 0.00	25.02 -1.10 0.00	27.91 -0.77 0.00	30.80 -1.08 0.00	32.47 -1.39 0.00	32.22 -1.52 0.00	33.19 -1.28 0.00	33.51 -0.86 0.00	34.57 -0.49 0.00	35.88 -0.62 0.00	35.21 -1.39 0.00	36.95 -1.99 0.00	43.97 -2.36 0.00	46.72 -2.10 0.00	43.87 -1.92 0.00	40.07 -1.20 0.00	41.38 0.21 0.00	36.00 0.36 0.00	33.96 0.30 0.00	30.52 0.48 0.00
TEMPLE___115KV_TB 2 55572	28.73 -0.20 0.00	26.96 -0.33 0.00	25.39 -0.28 0.00	24.40 -0.32 0.00	24.17 -0.32 0.00	25.83 -0.29 0.00	28.51 -0.17 0.00	31.86 -0.16 -0.14	34.00 -0.20 -0.35	33.57 -0.17 0.00	34.33 -0.14 0.00	34.33 -0.03 0.00	35.13 0.07 0.00	36.53 0.04 0.00	36.52 -0.07 0.00	38.78 -0.16 0.00	46.10 -0.23 0.00	48.81 -0.20 -0.19	45.65 -0.14 0.00	41.64 -0.04 -0.41	41.75 0.16 -0.41	35.82 0.18 0.00	33.69 0.03 0.00	30.01 -0.03 0.00
TIANA___69_KV_BK 1 55817	43.88 3.53 -11.42	43.03 2.92 -12.83	38.57 2.70 -10.21	34.48 2.60 -7.15	31.89 2.52 -4.88	35.82 2.64 -7.07	38.32 3.16 -6.48	41.22 3.60 -5.73	43.94 4.16 -5.92	44.20 4.25 -6.22	47.45 4.62 -8.36	51.34 4.81 -12.16	54.08 5.15 -13.86	65.87 5.44 -23.94	64.67 5.53 -22.55	66.25 5.96 -21.36	104.61 7.14 -51.14	134.62 7.42 -78.38	131.67 6.73 -79.15	60.88 5.90 -13.70	54.90 5.52 -8.20	54.13 4.70 -13.79	46.62 3.90 -9.06	45.48 3.33 -12.11
TILDEN___115KV_TB1 80814	28.73 -0.20 0.00	26.96 -0.33 0.00	25.36 -0.31 0.00	24.40 -0.32 0.00	24.17 -0.32 0.00	25.83 -0.29 0.00	28.48 -0.20 0.00	31.89 -0.16 -0.17	34.08 -0.20 -0.43	33.57 -0.17 0.00	34.33 -0.14 0.00	34.30 -0.07 0.00	35.10 0.04 0.00	36.53 0.04 0.00	36.49 -0.11 0.00	38.78 -0.16 0.00	46.10 -0.23 0.00	48.90 -0.15 -0.23	45.65 -0.14 0.00	41.73 -0.04 -0.51	41.81 0.12 -0.51	35.82 0.18 0.00	33.69 0.03 0.00	30.01 -0.03 0.00
TRIGEN___CC 323695	43.42 3.07 -11.42	42.65 2.54 -12.83	38.21 2.34 -10.21	34.15 2.27 -7.15	31.57 2.20 -4.88	35.48 2.30 -7.07	37.92 2.75 -6.48	40.80 3.19 -5.73	43.33 3.55 -5.92	43.56 3.61 -6.22	46.59 3.76 -8.36	50.31 3.88 -12.05	53.16 4.24 -13.86	64.85 4.42 -23.94	55.98 4.50 -14.88	65.20 4.91 -21.36	103.26 5.79 -51.13	79.20 5.91 -24.47	68.02 5.36 -16.88	50.60 4.70 -4.63	50.35 4.41 -4.77	48.95 3.78 -9.53	45.91 3.20 -9.06	44.97 2.82 -12.11

TRINITY__115KV__4 BK 55933	30.00 1.07 0.00	28.19 0.90 0.00	26.57 0.90 0.00	25.62 0.89 0.00	25.32 0.83 0.00	26.95 0.84 0.00	29.66 0.98 0.00	32.81 0.92 0.00	34.84 0.98 0.00	34.65 0.91 0.00	35.40 0.93 0.00	35.26 0.89 0.00	36.15 1.09 0.00	37.63 1.13 0.00	37.77 1.17 0.00	40.30 1.36 0.00	47.95 1.62 0.00	50.58 1.76 0.00	47.44 1.65 0.00	42.67 1.40 0.00	42.41 1.24 0.00	36.75 1.10 0.00	34.40 0.74 0.00	30.76 0.72 0.00
UNION__PROCESSING_DRP 323587	28.32 -0.61 0.00	26.41 -0.87 0.00	24.87 -0.80 0.00	23.79 -0.94 0.00	23.63 -0.86 0.00	25.36 -0.76 0.00	28.20 -0.49 0.00	31.31 -0.57 0.00	33.11 -0.74 0.00	32.96 -0.78 0.00	33.81 -0.65 0.00	33.99 -0.38 0.00	34.92 -0.14 0.00	36.28 -0.22 0.00	35.94 -0.66 0.00	37.88 -1.05 0.00	45.13 -1.20 0.00	47.74 -1.07 0.00	44.83 -0.96 0.00	40.73 -0.54 0.00	41.55 0.37 0.00	36.07 0.43 0.00	33.96 0.30 0.00	30.34 0.30 0.00
UPPER HUDSON__HYD 24058	30.78 1.85 0.00	28.90 1.61 0.00	27.05 1.39 0.00	26.06 1.33 0.00	25.76 1.27 0.00	27.52 1.41 0.00	30.41 1.72 0.00	33.60 1.72 0.00	35.82 1.96 0.00	35.73 1.99 0.00	36.19 1.72 0.00	35.95 1.58 0.00	36.57 1.51 0.00	38.03 1.53 0.00	38.10 1.50 0.00	40.49 1.56 0.00	48.19 1.86 0.00	51.07 2.25 0.00	48.49 2.70 0.00	43.70 2.43 0.00	43.98 2.80 0.00	37.96 2.32 0.00	35.41 1.75 0.00	31.51 1.47 0.00
UPPER RAQUET__HYD 24056	27.69 -1.24 0.00	26.39 -0.90 0.00	24.80 -0.87 0.00	23.93 -0.79 0.00	23.75 -0.73 0.00	25.33 -0.78 0.00	27.71 -0.98 0.00	30.87 -1.05 -0.04	32.81 -1.15 -0.11	32.52 -1.21 0.00	32.85 -1.62 0.00	32.89 -1.48 0.00	33.37 -1.68 0.01	29.60 -1.75 5.15	26.68 -1.90 8.01	22.95 -2.06 13.92	24.85 -2.64 18.84	23.90 -2.88 22.04	39.60 -2.70 3.49	38.96 -2.43 -0.13	39.08 -2.22 -0.13	33.79 -1.85 0.00	32.42 -1.24 0.00	29.05 -0.99 0.00
VALLEY44_115KV_TB2 355964	28.21 -0.72 0.00	26.22 -1.06 0.00	24.67 -1.00 0.00	23.46 -1.26 0.00	23.31 -1.18 0.00	25.17 -0.94 0.00	28.20 -0.49 0.00	31.18 -0.70 0.00	32.94 -0.91 0.00	32.72 -1.01 0.00	33.64 -0.83 0.00	33.89 -0.48 0.00	34.89 -0.18 0.00	36.28 -0.22 0.00	35.86 -0.73 0.00	37.84 -1.09 0.00	45.08 -1.25 0.00	48.18 -0.63 0.00	44.97 -0.82 0.00	40.90 -0.37 0.00	41.75 0.58 0.00	36.28 0.64 0.00	34.06 0.40 0.00	30.73 0.69 0.00
VALLEY__115KV_TB 1-4 80826	29.10 0.17 0.00	27.37 0.08 0.00	25.77 0.10 0.00	24.85 0.12 0.00	24.63 0.15 0.00	26.35 0.24 0.00	29.03 0.34 0.00	32.26 0.38 0.00	34.26 0.41 0.00	34.14 0.40 0.00	34.77 0.31 0.00	34.71 0.34 0.00	35.48 0.42 0.00	37.22 0.40 -0.32	37.50 0.40 -0.50	40.19 0.39 -0.87	48.06 0.56 -1.18	50.88 0.68 -1.38	46.74 0.73 -0.22	42.01 0.74 0.00	41.92 0.74 0.00	36.35 0.71 0.00	34.20 0.54 0.00	30.55 0.51 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.64 1.71 0.00	28.65 1.36 0.00	26.93 1.26 0.00	25.94 1.21 0.00	25.69 1.20 0.00	27.45 1.33 0.00	30.38 1.69 0.00	33.87 1.94 -0.04	36.03 2.07 -0.11	35.79 2.06 0.00	36.46 2.00 0.00	36.46 2.10 0.00	37.38 2.31 0.00	38.83 2.34 0.00	38.90 2.31 0.00	41.35 2.41 0.00	49.25 2.92 0.00	52.00 3.12 -0.06	48.81 3.02 0.00	44.08 2.68 -0.13	44.06 2.76 -0.13	38.06 2.42 0.00	35.58 1.92 0.00	31.72 1.68 0.00
VISCHER__FERRY HYD 24020	30.49 1.56 0.00	28.62 1.34 0.00	26.87 1.21 0.00	25.94 1.21 0.00	25.64 1.15 0.00	27.34 1.23 0.00	30.12 1.43 0.00	33.38 1.50 0.00	35.45 1.59 0.00	35.26 1.52 0.00	36.09 1.62 0.00	35.92 1.55 0.00	36.74 1.68 0.00	38.25 1.75 0.00	38.39 1.79 0.00	40.96 2.02 0.00	48.74 2.41 0.00	51.45 2.63 0.00	48.31 2.52 0.00	43.50 2.23 0.00	43.27 2.10 0.00	37.39 1.75 0.00	34.97 1.31 0.00	31.27 1.23 0.00
V_A_10_SYNC_DSASP 323832	27.60 -1.33 0.00	25.79 -1.50 0.00	24.26 -1.41 0.00	23.12 -1.61 0.00	22.99 -1.49 0.00	24.70 -1.41 0.00	27.54 -1.15 0.00	30.41 -1.47 0.00	32.09 -1.76 0.00	32.42 -1.32 0.00	33.67 -0.79 0.00	33.41 -0.96 0.00	34.12 -0.95 0.00	35.40 -1.09 0.00	34.84 -1.76 0.00	36.64 -2.30 0.00	43.60 -2.73 0.00	46.23 -2.59 0.00	43.41 -2.38 0.00	39.58 -1.69 0.00	40.56 -0.62 0.00	35.28 -0.36 0.00	33.39 -0.27 0.00	30.04 0.00 0.00
V_CMM_10_SYNC_DSASP 323787	28.03 -0.90 0.00	26.69 -0.60 0.00	25.10 -0.56 0.00	24.21 -0.52 0.00	24.00 -0.49 0.00	25.54 -0.57 0.00	27.91 -0.77 0.00	31.02 -0.86 0.00	32.94 -0.91 0.00	32.72 -1.01 0.00	33.19 -1.27 0.00	33.20 -1.17 0.00	33.72 -1.33 0.01	28.67 -1.35 6.47	25.25 -1.28 10.07	20.03 -1.40 17.50	20.98 -1.67 23.69	19.19 -1.86 27.78	39.66 -1.74 4.39	39.66 -1.61 0.00	39.57 -1.61 0.00	34.21 -1.43 0.00	32.68 -0.98 0.00	29.17 -0.87 0.00
V_CMP_10_SYNC_DSASP 323788	27.95 -0.98 0.00	26.63 -0.66 0.00	25.03 -0.64 0.00	24.13 -0.59 0.00	24.09 -0.39 0.00	25.67 -0.44 0.00	28.37 -0.31 0.00	31.66 -0.22 0.00	33.52 -0.34 0.00	33.60 -0.13 0.00	34.02 -0.45 0.00	34.02 -0.34 0.00	34.74 -0.32 0.01	29.57 -0.55 6.39	26.23 -0.44 9.93	21.05 -0.62 17.26	22.50 -0.46 23.36	20.74 -0.68 27.39	40.91 -0.55 4.33	40.78 -0.49 0.00	40.72 -0.45 0.00	35.11 -0.53 0.00	33.53 -0.13 0.00	30.01 -0.03 0.00
V_D_10_SYNC_DSASP 323841	27.98 -0.95 0.00	26.66 -0.63 0.00	25.08 -0.59 0.00	24.18 -0.54 0.00	23.97 -0.52 0.00	25.51 -0.60 0.00	27.88 -0.80 0.00	31.02 -0.86 0.00	32.91 -0.95 0.00	32.69 -1.05 0.00	33.12 -1.34 0.00	33.13 -1.24 0.00	33.69 -1.37 0.01	28.81 -1.42 6.26	25.47 -1.39 9.74	20.60 -1.40 16.93	21.61 -1.81 22.92	19.94 -2.00 26.87	39.62 -1.92 4.25	39.54 -1.73 0.00	39.49 -1.69 0.00	34.11 -1.53 0.00	32.62 -1.04 0.00	29.14 -0.90 0.00
V_E_10_SYNC_DSASP 323830	31.01 2.08 0.00	28.98 1.69 0.00	27.23 1.57 0.00	26.21 1.48 0.00	25.98 1.49 0.00	27.94 1.83 0.00	31.12 2.44 0.00	34.66 2.68 -0.10	36.57 2.47 -0.25	36.23 2.50 0.00	36.84 2.38 0.00	36.67 2.30 0.00	37.45 2.39 0.00	38.80 2.30 0.00	38.75 2.16 0.00	41.11 2.18 0.00	49.11 2.78 0.00	52.42 3.47 -0.13	49.55 3.76 0.00	45.15 3.59 -0.29	45.59 4.12 -0.30	39.38 3.74 0.00	36.69 3.03 0.00	32.68 2.64 0.00
V_F_30_NSYNC__DSASP 323816	30.84 1.91 0.00	28.95 1.66 0.00	27.16 1.49 0.00	26.18 1.46 0.00	25.88 1.40 0.00	27.60 1.49 0.00	30.46 1.78 0.00	33.73 1.85 0.00	35.89 2.03 0.00	35.76 2.02 0.00	36.50 2.03 0.00	36.29 1.92 0.00	37.09 2.03 0.00	38.58 2.08 0.00	38.68 2.08 0.00	41.15 2.22 0.00	48.97 2.64 0.00	51.80 2.98 0.00	48.81 3.02 0.00	43.99 2.72 0.00	43.98 2.80 0.00	37.99 2.35 0.00	35.51 1.85 0.00	31.66 1.62 0.00
V_F_30_SYNC_DSASP 323786	30.12 1.19 0.00	28.30 1.01 0.00	26.67 1.00 0.00	25.71 0.99 0.00	25.39 0.91 0.00	27.05 0.94 0.00	29.77 1.09 0.00	32.90 1.02 0.00	35.01 1.15 0.00	34.82 1.08 0.00	35.57 1.10 0.00	35.40 1.03 0.00	36.32 1.26 0.00	37.81 1.31 0.00	37.95 1.35 0.00	40.45 1.52 0.00	48.14 1.81 0.00	50.77 1.95 0.00	47.62 1.83 0.00	42.88 1.61 0.00	42.62 1.44 0.00	36.89 1.25 0.00	34.54 0.88 0.00	30.91 0.87 0.00



V_XM10_SYNC_DSASP 323789	27.95 -0.98 0.00	26.63 -0.66 0.00	25.03 -0.64 0.00	24.13 -0.59 0.00	24.09 -0.39 0.00	25.67 -0.44 0.00	28.37 -0.31 0.00	31.66 -0.22 0.00	33.52 -0.34 0.00	33.60 -0.13 0.00	34.02 -0.45 0.00	34.02 -0.34 0.00	34.74 -0.32 0.01	29.57 -0.55 6.39	26.23 -0.44 9.93	21.05 -0.62 17.26	22.50 -0.46 23.36	20.74 -0.68 27.39	40.91 -0.55 4.33	40.78 -0.49 0.00	40.72 -0.45 0.00	35.11 -0.53 0.00	33.53 -0.13 0.00	30.01 -0.03 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.50 2.57 0.00	29.36 2.07 0.00	27.57 1.90 0.00	26.56 1.83 0.00	26.25 1.76 0.00	27.97 1.85 0.00	30.95 2.27 0.00	34.50 2.61 0.00	36.84 2.98 0.00	36.74 3.00 0.00	37.64 3.17 0.00	37.63 3.26 0.00	38.67 3.61 0.00	40.29 3.80 0.00	40.48 3.88 0.00	43.22 4.28 0.00	51.38 5.05 0.00	54.04 5.22 0.00	50.46 4.67 0.00	45.31 4.04 0.00	44.92 3.75 0.00	38.85 3.21 0.00	36.29 2.63 0.00	32.35 2.31 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.79 2.86 0.00	29.63 2.35 0.00	27.82 2.16 0.00	26.80 2.08 0.00	26.52 2.03 0.00	28.20 2.09 0.00	31.27 2.58 0.00	34.91 3.03 0.00	37.28 3.42 0.00	37.21 3.47 0.00	38.62 3.65 -0.50	43.91 3.75 -5.80	45.71 4.10 -6.55	45.74 4.27 -4.97	46.58 4.35 -5.63	47.49 4.75 -3.81	51.89 5.56 0.00	54.38 5.57 0.00	50.83 5.04 0.00	45.64 4.37 0.00	45.21 4.04 0.00	39.13 3.49 0.00	36.62 2.96 0.00	32.65 2.61 0.00
W50THST__13_KV_LOAD 356117	31.94 3.01 0.00	29.80 2.51 0.00	28.00 2.34 0.00	26.98 2.25 0.00	26.67 2.18 0.00	28.36 2.25 0.00	31.47 2.78 0.00	35.16 3.28 0.00	37.58 3.72 0.00	37.51 3.78 0.00	38.93 3.96 -0.50	44.26 4.09 -5.80	46.02 4.42 -6.55	46.03 4.56 -4.97	46.91 4.68 -5.63	47.80 5.06 -3.81	52.26 5.93 0.00	54.73 5.91 0.00	51.15 5.36 0.00	45.89 4.62 0.00	45.46 4.28 0.00	39.31 3.67 0.00	36.79 3.13 0.00	32.80 2.76 0.00
WADING RIVER_IC_1 23522	43.50 3.15 -11.42	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.60 2.23 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.87 3.25 -5.73	43.47 3.69 -5.92	43.73 3.78 -6.22	47.07 4.24 -8.36	50.72 4.19 -12.16	53.41 4.49 -13.86	65.18 4.74 -23.94	63.99 4.87 -22.52	65.51 5.22 -21.36	103.73 6.25 -51.14	133.48 6.44 -78.22	130.61 5.86 -78.96	60.06 5.12 -13.68	54.19 4.82 -8.20	53.52 4.10 -13.78	46.11 3.40 -9.06	45.03 2.88 -12.11
WADING RIVER_IC_2 23547	43.50 3.15 -11.42	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.60 2.23 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.87 3.25 -5.73	43.47 3.69 -5.92	43.73 3.78 -6.22	47.07 4.24 -8.36	50.72 4.19 -12.16	53.41 4.49 -13.86	65.18 4.74 -23.94	63.99 4.87 -22.52	65.51 5.22 -21.36	103.73 6.25 -51.14	133.48 6.44 -78.22	130.61 5.86 -78.96	60.06 5.12 -13.68	54.19 4.82 -8.20	53.52 4.10 -13.78	46.11 3.40 -9.06	45.03 2.88 -12.11
WADING RIVER_IC_3 23601	43.50 3.15 -11.42	42.70 2.59 -12.83	38.26 2.39 -10.21	34.18 2.30 -7.15	31.60 2.23 -4.88	35.51 2.32 -7.07	37.98 2.81 -6.48	40.87 3.25 -5.73	43.47 3.69 -5.92	43.73 3.78 -6.22	47.07 4.24 -8.36	50.72 4.19 -12.16	53.41 4.49 -13.86	65.18 4.74 -23.94	63.99 4.87 -22.52	65.51 5.22 -21.36	103.73 6.25 -51.14	133.48 6.44 -78.22	130.61 5.86 -78.96	60.06 5.12 -13.68	54.19 4.82 -8.20	53.52 4.10 -13.78	46.11 3.40 -9.06	45.03 2.88 -12.11
WALDENNY_12_KV_BK2 80841	28.06 -0.87 0.00	26.03 -1.26 0.00	24.51 -1.16 0.00	23.34 -1.38 0.00	23.21 -1.27 0.00	25.02 -1.10 0.00	27.97 -0.72 0.00	30.89 -0.99 0.00	32.57 -1.29 0.00	32.35 -1.38 0.00	33.36 -1.10 0.00	33.71 -0.65 0.00	34.75 -0.32 0.00	36.10 -0.40 0.00	35.50 -1.10 0.00	37.26 -1.67 0.00	44.29 -2.04 0.00	47.16 -1.66 0.00	44.19 -1.60 0.00	40.36 -0.91 0.00	41.59 0.41 0.00	36.18 0.53 0.00	34.13 0.47 0.00	30.73 0.69 0.00
WALDEN__HYDRO 24148	31.27 2.34 0.00	29.17 1.88 0.00	27.41 1.75 0.00	26.41 1.68 0.00	26.10 1.62 0.00	27.81 1.70 0.00	30.75 2.07 0.00	34.18 2.30 0.00	36.46 2.61 0.00	36.37 2.63 0.00	37.19 2.72 0.00	37.19 2.82 0.00	38.18 3.12 0.00	39.78 3.28 0.00	39.96 3.37 0.00	42.63 3.70 0.00	50.73 4.40 0.00	53.41 4.59 0.00	49.96 4.17 0.00	44.90 3.63 0.00	44.55 3.38 0.00	38.56 2.92 0.00	36.02 2.36 0.00	32.08 2.04 0.00
WARRENSBURG____ 23737	30.78 1.85 0.00	28.90 1.61 0.00	27.05 1.39 0.00	26.06 1.33 0.00	25.76 1.27 0.00	27.52 1.41 0.00	30.41 1.72 0.00	33.60 1.72 0.00	35.82 1.96 0.00	35.73 1.99 0.00	36.19 1.72 0.00	35.95 1.58 0.00	36.57 1.51 0.00	38.03 1.53 0.00	38.10 1.50 0.00	40.49 1.56 0.00	48.19 1.86 0.00	51.07 2.25 0.00	48.49 2.70 0.00	43.70 2.43 0.00	43.98 2.80 0.00	37.96 2.32 0.00	35.41 1.75 0.00	31.51 1.47 0.00
WATERSIDE____6 8 9 23538	31.71 2.98 0.20	29.69 2.40 0.00	27.91 2.23 -0.01	26.88 2.15 -0.01	26.60 2.11 -0.01	28.18 2.06 0.00	31.24 2.55 0.00	34.91 3.03 0.00	37.31 3.45 0.00	37.27 3.54 0.01	41.31 3.69 -3.16	43.95 3.75 -5.84	45.72 4.10 -6.55	45.80 4.34 -4.96	46.55 4.32 -5.64	47.44 4.71 -3.80	47.72 5.51 4.13	45.93 5.47 8.36	50.68 4.90 0.01	40.28 4.50 5.49	45.20 4.16 0.14	37.46 3.64 1.81	34.33 3.10 2.43	29.20 2.70 3.54
WATKINRD_115KV_LN8_ILLION 55919	29.22 0.29 0.00	27.50 0.22 0.00	25.87 0.21 0.00	24.95 0.22 0.00	24.71 0.22 0.00	26.40 0.29 0.00	29.06 0.37 0.00	32.30 0.41 0.00	34.26 0.41 0.00	34.14 0.40 0.00	34.84 0.38 0.00	34.75 0.38 0.00	35.52 0.46 0.00	37.29 0.47 -0.32	37.57 0.48 -0.50	40.31 0.51 -0.87	48.16 0.65 -1.18	50.93 0.73 -1.38	46.79 0.78 -0.22	41.97 0.70 0.00	41.92 0.74 0.00	36.28 0.64 0.00	34.13 0.47 0.00	30.46 0.42 0.00
WATSON__69_KV_BK 1 55734	44.11 3.76 -11.42	43.28 3.17 -12.83	38.80 2.93 -10.21	34.70 2.82 -7.15	32.14 2.77 -4.88	36.08 2.90 -7.07	38.61 3.44 -6.48	41.54 3.92 -5.73	44.18 4.40 -5.92	44.37 4.42 -6.22	47.52 4.69 -8.36	51.44 4.81 -12.26	54.12 5.19 -13.87	65.87 5.44 -23.94	60.86 5.53 -18.74	66.29 6.00 -21.36	104.47 7.00 -51.14	107.68 7.23 -51.63	100.63 6.59 -48.25	56.33 5.86 -9.20	57.79 5.56 -11.06	57.77 4.81 -17.32	46.82 4.11 -9.06	45.72 3.57 -12.11
WDELAWARE__HYD 323627	30.90 1.97 0.00	28.81 1.53 0.00	27.05 1.39 0.00	26.06 1.33 0.00	25.76 1.27 0.00	27.44 1.33 0.00	30.35 1.66 0.00	33.73 1.85 0.00	35.96 2.10 0.00	35.90 2.16 0.00	36.77 2.31 0.00	36.67 2.30 0.00	37.62 2.56 0.00	38.18 1.68 0.00	38.39 1.79 0.00	41.00 2.06 0.00	48.83 2.50 0.00	51.45 2.63 0.00	48.22 2.43 0.00	43.29 2.02 0.00	43.03 1.85 0.00	38.17 2.53 0.00	35.61 1.95 0.00	31.69 1.65 0.00
WEST BABYLON__IC 23714	43.99 3.65 -11.42	43.17 3.06 -12.83	38.70 2.82 -10.21	34.62 2.74 -7.15	32.04 2.67 -4.88	35.98 2.79 -7.07	38.50 3.33 -6.48	41.41 3.79 -5.73	44.01 4.23 -5.92	44.20 4.25 -6.22	47.31 4.48 -8.36	51.12 4.61 -12.14	53.94 5.01 -13.87	65.69 5.26 -23.94	57.76 5.34 -15.82	66.10 5.80 -21.36	104.28 6.81 -51.14	86.94 7.03 -31.09	76.72 6.41 -24.52	52.67 5.65 -5.74	54.06 5.35 -7.53	53.22 4.63 -12.95	46.65 3.94 -9.06	45.60 3.45 -12.11

WEST CANADA___HYD 24049	29.19 0.26 0.00	27.45 0.16 0.00	25.82 0.15 0.00	24.90 0.17 0.00	24.63 0.15 0.00	26.30 0.18 0.00	28.94 0.26 0.00	32.17 0.29 0.00	34.16 0.30 0.00	34.04 0.30 0.00	34.81 0.34 0.00	34.68 0.31 0.00	35.45 0.39 0.00	37.22 0.40 -0.32	37.46 0.37 -0.50	40.23 0.43 -0.87	48.02 0.51 -1.18	50.74 0.54 -1.38	46.56 0.55 -0.22	41.77 0.50 0.00	41.67 0.50 0.00	36.07 0.43 0.00	33.93 0.27 0.00	30.28 0.24 0.00
WESTERN_NY_WIND 24143	28.47 -0.46 0.00	26.41 -0.87 0.00	24.87 -0.80 0.00	23.69 -1.04 0.00	23.58 -0.91 0.00	25.41 -0.71 0.00	28.37 -0.32 0.00	31.37 -0.51 0.00	33.11 -0.74 0.00	32.82 -0.91 0.00	33.71 -0.76 0.00	34.02 -0.34 0.00	35.10 0.04 0.00	36.43 -0.07 0.00	35.83 -0.77 0.00	37.57 -1.36 0.00	44.80 -1.53 0.00	47.55 -1.27 0.00	44.69 -1.10 0.00	40.82 -0.45 0.00	42.08 0.91 0.00	36.60 0.96 0.00	34.50 0.84 0.00	30.94 0.90 0.00
WESTOVER___LESR 323668	29.22 0.29 0.00	27.34 0.05 0.00	25.72 0.05 0.00	24.70 -0.02 0.00	24.46 -0.02 0.00	26.19 0.08 0.00	29.03 0.34 0.00	32.36 0.38 -0.09	34.43 0.34 -0.24	34.07 0.34 0.00	34.84 0.38 0.00	34.88 0.52 0.00	35.76 0.70 0.00	37.19 0.69 0.00	37.14 0.55 0.00	39.48 0.55 0.00	46.98 0.65 0.00	49.87 0.93 -0.13	46.61 0.82 0.00	42.41 0.87 -0.28	42.61 1.15 -0.28	36.67 1.03 0.00	34.43 0.77 0.00	30.76 0.72 0.00
WETHRSFD_WT_PWR 323626	27.92 -1.01 0.00	26.06 -1.23 0.00	24.51 -1.15 0.00	23.34 -1.38 0.00	23.19 -1.30 0.00	24.94 -1.17 0.00	27.88 -0.80 0.00	30.73 -1.15 0.00	32.44 -1.42 0.00	32.65 -1.08 0.00	34.02 -0.45 0.00	33.75 -0.62 0.00	34.43 -0.63 0.00	35.80 -0.69 0.00	35.21 -1.39 0.00	37.14 -1.79 0.00	44.20 -2.13 0.00	47.16 -1.66 0.00	44.32 -1.47 0.00	40.48 -0.79 0.00	41.42 0.25 0.00	36.03 0.39 0.00	34.00 0.34 0.00	30.64 0.60 0.00
WHAVSTOR_138KV_BK127 55557	31.33 2.40 0.00	29.22 1.94 0.00	27.46 1.80 0.00	26.46 1.73 0.00	26.15 1.67 0.00	27.84 1.72 0.00	30.81 2.12 0.00	34.34 2.45 0.00	36.63 2.78 0.00	36.57 2.83 0.00	37.43 2.96 0.00	37.43 3.06 0.00	38.46 3.40 0.00	40.07 3.58 0.00	40.22 3.62 0.00	42.94 4.01 0.00	51.06 4.73 0.00	53.70 4.88 0.00	50.14 4.35 0.00	45.07 3.80 0.00	44.67 3.50 0.00	38.63 2.99 0.00	36.08 2.42 0.00	32.17 2.13 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.33 2.40 0.00	29.22 1.94 0.00	27.46 1.80 0.00	26.46 1.73 0.00	26.15 1.67 0.00	27.84 1.72 0.00	30.81 2.12 0.00	34.34 2.45 0.00	36.63 2.78 0.00	36.57 2.83 0.00	37.43 2.96 0.00	37.43 3.06 0.00	38.46 3.40 0.00	40.07 3.58 0.00	40.22 3.62 0.00	42.94 4.01 0.00	51.06 4.73 0.00	53.70 4.88 0.00	50.14 4.35 0.00	45.07 3.80 0.00	44.67 3.50 0.00	38.63 2.99 0.00	36.08 2.42 0.00	32.17 2.13 0.00
WHITEHAL_115KV_TB1 80871	31.56 2.63 0.00	29.61 2.32 0.00	27.70 2.03 0.00	26.68 1.95 0.00	26.37 1.89 0.00	28.18 2.06 0.00	31.21 2.52 0.00	34.53 2.65 0.00	36.87 3.01 0.00	36.70 2.97 0.00	37.08 2.62 0.00	36.91 2.54 0.00	37.62 2.56 0.00	39.09 2.59 0.00	39.16 2.56 0.00	41.54 2.61 0.00	49.44 3.10 0.00	52.63 3.81 0.00	49.73 3.94 0.00	44.90 3.63 0.00	45.25 4.08 0.00	38.99 3.35 0.00	36.35 2.69 0.00	32.26 2.22 0.00
WHITEPLN_13_KV_LOAD 356215	31.91 2.98 0.00	29.71 2.43 0.00	27.90 2.23 0.00	26.90 2.18 0.00	26.59 2.11 0.00	28.31 2.19 0.00	31.41 2.73 0.00	35.07 3.19 0.00	37.48 3.62 0.00	37.35 3.61 0.00	38.22 3.76 0.00	38.25 3.88 0.00	39.34 4.28 0.00	40.95 4.45 0.00	41.10 4.50 0.00	43.88 4.94 0.00	52.12 5.79 0.00	54.82 6.00 0.00	51.15 5.36 0.00	45.93 4.66 0.00	45.54 4.36 0.00	39.35 3.71 0.00	36.76 3.10 0.00	32.74 2.70 0.00
WM_FLOYD_69_KV_BK2 356380	43.79 3.44 -11.42	42.95 2.84 -12.83	38.52 2.64 -10.21	34.43 2.55 -7.15	31.84 2.47 -4.88	35.80 2.61 -7.07	38.30 3.13 -6.48	41.19 3.57 -5.73	43.81 4.03 -5.92	44.00 4.05 -6.22	47.17 4.34 -8.36	50.96 4.43 -12.16	53.69 4.77 -13.86	65.51 5.07 -23.94	64.40 5.12 -22.68	65.86 5.57 -21.36	104.10 6.63 -51.14	135.00 6.88 -79.30	132.27 6.27 -80.21	60.66 5.53 -13.86	54.60 5.19 -8.23	53.88 4.42 -13.82	46.45 3.74 -9.06	45.36 3.21 -12.11
WOODARD__115KV_TB2 355635	28.70 -0.23 0.00	26.93 -0.35 0.00	25.36 -0.31 0.00	24.38 -0.35 0.00	24.14 -0.34 0.00	25.80 -0.31 0.00	28.46 -0.23 0.00	31.84 -0.22 -0.18	34.05 -0.27 -0.46	33.50 -0.24 0.00	34.26 -0.21 0.00	34.23 -0.14 0.00	35.03 -0.04 0.00	36.43 -0.07 0.00	36.41 -0.18 0.00	38.70 -0.23 0.00	46.01 -0.32 0.00	48.82 -0.24 -0.25	45.56 -0.23 0.00	41.69 -0.12 -0.54	41.81 0.08 -0.55	35.75 0.11 0.00	33.63 -0.03 0.00	29.95 -0.09 0.00
YORK___WARBASSE 23770	33.51 3.15 -1.42	29.89 2.59 -0.01	28.06 2.39 -0.01	27.06 2.32 -0.01	26.75 2.25 -0.01	28.26 2.14 0.00	31.32 2.64 0.00	35.04 3.16 0.00	37.51 3.66 0.00	56.06 3.74 -18.58	57.55 3.89 -19.19	46.97 3.95 -8.65	49.43 4.35 -10.03	48.81 4.60 -7.71	49.79 4.57 -8.62	49.84 4.98 -5.92	81.01 5.79 -28.89	113.14 5.81 -58.51	76.54 5.22 -25.53	84.53 4.83 -38.43	46.57 4.45 -0.95	52.22 3.88 -12.70	54.03 3.33 -17.04	57.77 2.91 -24.82