

# Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion											
Generator Data																									07/10/2023								
Name	PTID	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								
59TH STREET_GT_1	24138	32.20	28.81	29.00	26.23	26.26	27.42	29.75	32.83	35.36	38.02	37.99	39.51	40.70	42.82	43.19	45.84	48.75	53.02	51.48	47.25	43.28	39.58	35.97	32.24								
		2.41	1.94	2.02	1.78	1.72	1.79	2.10	2.46	2.89	2.98	2.82	2.96	2.98	3.21	3.38	3.82	4.15	4.29	3.86	3.38	2.91	2.62	2.67	2.19								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
74TH STREET_GT_1	24260	32.26	28.86	29.05	26.28	26.28	27.45	29.72	32.80	35.32	38.19	38.06	39.47	40.62	42.78	43.12	45.80	48.66	52.97	51.43	47.25	43.24	39.65	36.07	32.33								
		2.47	1.99	2.08	1.83	1.74	1.82	2.07	2.43	2.86	3.15	2.88	2.92	2.90	3.17	3.30	3.78	4.06	4.24	3.81	3.38	2.87	2.70	2.76	2.28								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
74TH STREET_GT_2	24261	32.26	28.86	29.05	26.28	26.28	27.45	29.72	32.80	35.32	38.19	38.06	39.47	40.62	42.78	43.12	45.80	48.66	52.97	51.43	47.25	43.24	39.65	36.07	32.33								
		2.47	1.99	2.08	1.83	1.74	1.82	2.07	2.43	2.86	3.15	2.88	2.92	2.90	3.17	3.30	3.78	4.06	4.24	3.81	3.38	2.87	2.70	2.76	2.28								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK HUDSON___FALLS	24011	31.81	28.70	28.81	26.09	26.28	27.45	29.80	32.62	35.00	37.97	37.82	39.29	40.06	42.23	42.16	44.54	47.23	51.70	50.67	46.86	43.68	40.06	35.94	32.09								
		2.03	1.83	1.83	1.64	1.74	1.82	2.13	2.25	2.53	2.77	2.64	2.74	2.34	2.61	2.35	2.52	2.63	2.97	3.05	2.98	3.31	3.10	2.63	2.04								
		0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK RESOURCE___RCVRY	23798	31.99	28.89	29.00	26.23	26.46	27.58	30.02	32.86	35.26	38.17	38.09	39.62	40.36	42.42	42.48	44.84	47.55	52.09	51.00	47.21	44.08	40.43	36.04	32.09								
		2.20	2.02	2.02	1.78	1.92	1.95	2.35	2.49	2.79	2.98	2.92	3.07	2.64	2.81	2.67	2.82	2.94	3.36	3.38	3.33	3.71	3.47	2.73	2.04								
		0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK S GLENS___FALLS	24028	31.81	28.70	28.81	26.09	26.28	27.45	29.80	32.62	35.00	37.97	37.82	39.29	40.06	42.23	42.16	44.54	47.23	51.70	50.67	46.86	43.68	40.06	35.94	32.09								
		2.03	1.83	1.83	1.64	1.74	1.82	2.13	2.25	2.53	2.77	2.64	2.74	2.34	2.61	2.35	2.52	2.63	2.97	3.05	2.98	3.31	3.10	2.63	2.04								
		0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK_NYS___DAM	23527	31.60	28.40	28.57	25.94	26.06	27.25	29.52	32.04	34.41	37.35	37.08	38.56	39.68	41.75	41.72	44.46	47.10	51.36	50.09	46.07	42.55	39.06	35.17	31.58								
		1.82	1.53	1.59	1.49	1.52	1.62	1.82	1.67	1.95	2.00	1.90	2.01	1.96	2.14	1.91	2.44	2.50	2.63	2.47	2.19	2.18	2.11	1.86	1.53								
		0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	-0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
AIR_PRODUCTS___DRP	24190	30.47	27.46	27.62	25.06	25.18	26.27	28.37	30.95	33.25	35.69	35.92	37.32	38.43	40.44	40.49	42.94	45.58	49.75	48.48	44.62	41.14	37.77	34.11	30.59								
		0.69	0.59	0.65	0.61	0.64	0.64	0.75	0.58	0.78	0.84	0.74	0.77	0.72	0.83	0.68	0.92	0.98	1.02	0.86	0.75	0.77	0.81	0.80	0.54								
		0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.19	0.00	0.00	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	355683	29.37	26.60	26.68	24.18	24.27	25.35	27.26	29.95	31.82	34.41	34.47	35.71	36.92	38.78	39.02	41.18	43.58	47.66	46.67	42.91	39.64	36.29	32.67	29.63								
		-0.42	-0.27	-0.30	-0.27	-0.27	-0.28	-0.39	-0.43	-0.65	-0.63	-0.70	-0.84	-0.79	-0.83	-0.80	-0.84	-1.03	-1.07	-0.95	-0.97	-0.73	-0.67	-0.63	-0.42								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23571	30.47	27.46	27.62	25.06	25.18	26.27	28.37	30.95	33.25	35.69	35.92	37.32	38.43	40.44	40.49	42.94	45.58	49.75	48.48	44.62	41.14	37.77	34.11	30.59								
		0.69	0.59	0.65	0.61	0.64	0.64	0.75	0.58	0.78	0.84	0.74	0.77	0.72	0.83	0.68	0.92	0.98	1.02	0.86	0.75	0.77	0.81	0.80	0.54								
		0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.19	0.00	0.00	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	30.47	27.46	27.62	25.06	25.18	26.27	28.37	30.95	33.25	35.69	35.92	37.32	38.43	40.44	40.49	42.94	45.58	49.75	48.48	44.62	41.14	37.77	34.11	30.59								
		0.69	0.59	0.65	0.61	0.64	0.64	0.75	0.58	0.78	0.84	0.74	0.77	0.72	0.83	0.68	0.92	0.98	1.02	0.86	0.75	0.77	0.81	0.80	0.54								
		0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.19	0.00	0.00	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___3	23573	30.47	27.46	27.62	25.06	25.18	26.27	28.37	30.95	33.25	35.69	35.92	37.32	38.43	40.44	40.49	42.94	45.58	49.75	48.48	44.62	41.14	37.77	34.11	30.59								
		0.69	0.59	0.65	0.61	0.64	0.64	0.75	0.58	0.78	0.84	0.74	0.77	0.72	0.83	0.68	0.92	0.98	1.02	0.86	0.75	0.77	0.81	0.80	0.54								
		0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.19	0.00	0.00	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___4 23574	30.47 0.69 0.00	27.46 0.59 0.00	27.62 0.65 0.00	25.06 0.61 0.00	25.18 0.64 0.00	26.27 0.64 0.00	28.37 0.75 0.03	30.95 0.58 0.00	33.25 0.78 0.00	35.69 0.84 0.19	35.92 0.74 0.00	37.32 0.77 0.00	38.43 0.72 0.00	40.44 0.83 0.00	40.49 0.68 0.00	42.94 0.92 0.00	45.58 0.98 0.00	49.75 1.02 0.00	48.48 0.86 0.00	44.62 0.75 0.00	41.14 0.77 0.00	37.77 0.81 0.00	34.11 0.80 0.00	30.59 0.54 0.00
ALBANY___LFGE 323615	30.80 1.01 0.00	27.76 0.89 0.00	27.89 0.92 0.00	25.30 0.86 0.00	25.45 0.91 0.00	26.53 0.90 0.00	28.67 1.05 0.03	31.32 0.94 0.00	33.63 1.17 0.00	36.05 1.19 0.18	36.34 1.16 0.00	37.79 1.24 0.00	38.96 1.24 0.00	40.92 1.31 0.00	41.01 1.19 0.00	43.49 1.47 0.00	46.16 1.56 0.00	50.39 1.66 0.00	49.05 1.43 0.00	45.15 1.27 0.00	41.66 1.29 0.00	38.25 1.29 0.00	34.40 1.10 0.00	30.86 0.81 0.00
ALCOA_PA_115KV_PL-6C 55860	29.52 -0.27 0.00	26.82 -0.05 0.00	26.87 -0.11 0.00	24.38 -0.07 0.00	24.44 -0.10 0.00	25.50 -0.13 0.00	27.37 -0.28 0.00	30.07 -0.30 0.00	31.95 -0.52 0.00	34.51 -0.53 0.00	34.58 -0.60 0.00	35.82 -0.73 0.00	37.00 -0.72 0.00	38.90 -0.71 0.00	39.17 -0.64 0.00	41.31 -0.71 0.00	43.67 -0.94 0.00	47.76 -0.97 0.00	46.76 -0.86 0.00	43.04 -0.83 0.00	39.81 -0.57 0.00	36.47 -0.48 0.00	32.81 -0.50 0.00	29.81 -0.24 0.00
ALCOA_RYNLDS___DRP 24188	29.52 -0.27 0.00	26.82 -0.05 0.00	26.87 -0.11 0.00	24.38 -0.07 0.00	24.44 -0.10 0.00	25.50 -0.13 0.00	27.37 -0.28 0.00	30.07 -0.30 0.00	31.95 -0.52 0.00	34.51 -0.53 0.00	34.58 -0.60 0.00	35.82 -0.73 0.00	37.00 -0.72 0.00	38.90 -0.71 0.00	39.17 -0.64 0.00	41.31 -0.71 0.00	43.67 -0.94 0.00	47.76 -0.97 0.00	46.76 -0.86 0.00	43.04 -0.83 0.00	39.81 -0.57 0.00	36.47 -0.48 0.00	32.81 -0.50 0.00	29.81 -0.24 0.00
ALCOA___DSASP 323711	29.52 -0.27 0.00	26.82 -0.05 0.00	26.87 -0.11 0.00	24.38 -0.07 0.00	24.44 -0.10 0.00	25.50 -0.13 0.00	27.37 -0.28 0.00	30.07 -0.30 0.00	31.95 -0.52 0.00	34.52 -0.52 0.00	34.58 -0.60 0.00	35.82 -0.73 0.00	37.00 -0.72 0.00	38.86 -0.75 0.00	39.17 -0.64 0.00	41.31 -0.71 0.00	43.66 -0.94 0.00	47.76 -0.97 0.00	46.76 -0.86 0.00	43.04 -0.83 0.00	39.81 -0.57 0.00	36.47 -0.48 0.00	32.81 -0.50 0.00	29.78 -0.27 0.00
ALLEGHENY___COGEN 23514	31.04 1.25 0.00	28.05 1.18 0.00	28.03 1.05 0.00	25.25 0.81 0.00	25.33 0.79 0.00	26.53 0.90 0.00	28.59 0.94 0.00	31.68 1.31 0.00	33.60 1.14 0.00	36.34 1.30 0.00	36.09 0.91 0.00	37.35 0.80 0.00	37.38 -0.34 0.00	39.18 -0.43 0.00	39.73 -0.08 0.00	41.47 -0.55 0.00	44.29 -0.31 0.00	48.73 0.00 0.00	48.86 1.24 0.00	45.63 1.76 0.00	42.31 1.94 0.00	38.54 1.59 0.00	35.87 2.56 0.00	32.06 2.01 0.00
ALTAMONT_115KV_TB 2 55880	30.86 1.07 0.00	27.78 0.91 0.00	27.95 0.97 0.00	25.35 0.90 0.00	25.47 0.93 0.00	26.58 0.95 0.00	28.71 1.08 0.01	31.37 1.00 0.00	33.67 1.20 0.00	36.25 1.30 0.09	36.37 1.20 0.00	37.79 1.24 0.00	38.92 1.21 0.00	40.92 1.31 0.00	41.05 1.23 0.00	43.49 1.47 0.00	46.16 1.56 0.00	50.44 1.71 0.00	49.14 1.52 0.00	45.28 1.40 0.00	41.70 1.33 0.00	38.28 1.33 0.00	34.54 1.23 0.00	31.01 0.96 0.00
ALTONA_WT_PWR 323606	29.73 -0.06 0.00	27.01 0.14 0.00	27.06 0.08 0.00	24.55 0.10 0.00	24.66 0.12 0.00	25.81 0.18 0.00	28.09 0.44 0.00	30.92 0.55 0.00	32.82 0.36 0.00	35.49 0.45 0.00	35.49 0.32 0.00	36.81 0.26 0.00	38.17 0.45 0.00	40.01 0.40 0.00	40.41 0.60 0.00	42.65 0.63 0.00	45.09 0.49 0.00	49.27 0.54 0.00	48.38 0.76 0.00	44.44 0.57 0.00	41.22 0.85 0.00	37.73 0.78 0.00	33.77 0.47 0.00	30.59 0.54 0.00
AMERICAN_REF_FUEL 24010	28.86 -0.92 0.00	26.25 -0.62 0.00	26.06 -0.92 0.00	23.50 -0.95 0.00	23.49 -1.05 0.00	24.91 -0.72 0.00	26.66 -0.99 0.00	29.73 -0.64 0.00	31.95 -0.52 0.00	34.87 -0.17 0.00	35.21 0.04 0.00	36.59 0.04 0.00	37.94 0.23 0.00	39.73 0.12 0.00	39.81 0.00 0.00	41.39 -0.63 0.00	43.84 -0.76 0.00	47.76 -0.97 0.00	46.95 -0.67 0.00	43.61 -0.26 0.00	40.17 -0.20 0.00	36.66 -0.30 0.00	33.44 0.13 0.00	30.14 0.09 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.32 0.54 0.00	27.44 0.57 0.00	27.46 0.49 0.00	24.77 0.32 0.00	24.81 0.27 0.00	26.09 0.46 0.00	28.07 0.42 0.00	31.59 1.22 0.00	33.96 1.49 0.00	37.07 2.03 0.00	37.43 2.25 0.00	39.00 2.45 0.00	40.36 2.64 0.00	42.18 2.57 0.00	42.32 2.51 0.00	44.08 2.06 0.00	46.70 2.10 0.00	50.78 2.05 0.00	49.86 2.24 0.00	46.07 2.19 0.00	42.35 1.98 0.00	38.58 1.62 0.00	35.00 1.70 0.00	31.34 1.29 0.00
ARTHUR_KILL_GT_1 23520	32.30 2.50 -0.01	28.86 1.99 0.00	29.03 2.05 0.00	26.19 1.74 0.00	26.14 1.59 0.00	27.17 1.54 0.00	29.36 1.71 0.01	32.43 2.07 0.01	35.02 2.56 0.01	37.59 2.56 0.01	37.59 2.43 0.01	39.10 2.56 0.01	40.27 2.57 0.01	42.22 2.61 0.00	42.76 2.95 0.00	45.47 3.45 0.00	48.35 3.75 0.00	52.69 3.90 -0.06	51.05 3.43 0.00	46.90 3.03 0.00	42.92 2.54 0.00	39.59 2.59 -0.06	35.95 2.63 -0.02	32.27 2.22 0.00
ARTHUR_KILL_2 23512	32.18 2.38 -0.01	28.75 1.88 0.00	28.94 1.97 0.00	26.11 1.66 0.00	26.06 1.52 0.00	27.12 1.49 0.00	29.27 1.63 0.01	32.34 1.97 0.01	34.90 2.44 0.01	37.48 2.45 0.01	37.45 2.29 0.01	38.95 2.41 0.01	40.12 2.42 0.01	42.11 2.50 0.00	42.60 2.79 0.00	45.30 3.28 0.00	48.17 3.57 0.00	52.49 3.70 -0.06	50.86 3.24 0.00	46.73 2.85 0.00	42.75 2.38 0.00	39.45 2.44 -0.06	35.82 2.50 -0.02	32.15 2.10 0.00
ARTHUR_KILL_3 23513	31.87 2.08 0.00	28.48 1.61 0.00	28.68 1.70 0.00	25.94 1.49 0.00	25.96 1.42 0.00	27.12 1.49 0.00	29.42 1.77 0.00	32.44 2.07 0.00	34.93 2.47 0.00	37.46 2.42 0.00	37.46 2.29 0.00	38.92 2.37 0.00	40.06 2.34 0.00	40.65 2.50 1.46	41.40 2.67 1.08	41.40 3.11 3.73	42.08 3.39 5.91	45.93 3.46 6.26	42.60 3.05 8.07	41.40 2.68 5.15	40.19 2.26 2.44	39.16 2.18 -0.03	35.58 2.27 -0.01	31.91 1.86 0.00
ARTHUR_KILL_COGEN 323718	32.30 2.50 -0.01	28.86 1.99 0.00	29.03 2.05 0.00	26.19 1.74 0.00	26.14 1.59 0.00	27.17 1.54 0.00	29.36 1.71 0.01	32.43 2.07 0.01	35.02 2.56 0.01	37.59 2.56 0.01	37.59 2.43 0.01	39.10 2.56 0.01	40.27 2.57 0.01	42.22 2.61 0.00	42.76 2.95 0.00	45.47 3.45 0.00	48.35 3.75 0.00	52.69 3.90 -0.06	51.05 3.43 0.00	46.90 3.03 0.00	42.92 2.54 0.00	39.59 2.59 -0.06	35.95 2.63 -0.02	32.27 2.22 0.00
ASHOKAN____ 23654	30.77 0.98 0.00	27.51 0.64 0.00	27.65 0.67 0.00	25.03 0.59 0.00	25.15 0.61 0.00	26.22 0.59 0.00	29.27 1.63 0.01	30.83 0.46 0.00	33.05 0.59 0.00	36.92 1.96 0.08	35.56 0.39 0.00	36.99 0.44 0.00	38.09 0.38 0.00	39.93 0.32 0.00	40.13 0.32 0.00	42.65 0.63 0.00	45.41 0.80 0.00	49.85 1.12 0.00	48.52 0.90 0.00	44.84 0.96 0.00	41.30 0.93 0.00	38.32 1.37 0.00	34.47 1.17 0.00	30.77 0.72 0.00

ASTORIA_EAST_ENERGY_CC1 323581	32.15 2.35 -0.01	28.79 1.91 -0.01	28.98 2.00 -0.01	26.19 1.74 -0.01	26.19 1.64 -0.01	27.27 1.64 0.00	29.50 1.85 0.00	32.37 2.00 0.01	34.90 2.44 0.01	37.39 2.35 0.00	37.39 2.22 0.00	38.92 2.37 0.00	40.09 2.38 0.00	42.18 2.57 0.00	42.68 2.87 0.00	45.42 3.40 0.00	48.22 3.61 -0.01	52.49 3.75 -0.01	50.90 3.28 0.00	46.73 2.85 -0.01	42.71 2.34 0.00	39.28 2.33 0.00	35.87 2.56 0.00	32.19 2.13 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	32.15 2.35 -0.01	28.79 1.91 -0.01	28.98 2.00 -0.01	26.19 1.74 -0.01	26.19 1.64 -0.01	27.27 1.64 0.00	29.50 1.85 0.00	32.37 2.00 0.01	34.90 2.44 0.01	37.39 2.35 0.00	37.39 2.22 0.00	38.92 2.37 0.00	40.09 2.38 0.00	42.18 2.57 0.00	42.68 2.87 0.00	45.42 3.40 0.00	48.22 3.61 -0.01	52.49 3.75 -0.01	50.90 3.28 0.00	46.73 2.85 -0.01	42.71 2.34 0.00	39.28 2.33 0.00	35.87 2.56 0.00	32.19 2.13 -0.01
ASTORIA_GT2_1 24094	32.18 2.38 -0.01	28.81 1.93 -0.01	29.01 2.02 -0.01	26.22 1.76 -0.01	26.22 1.67 -0.01	27.30 1.67 0.00	29.53 1.88 0.00	32.38 2.00 0.00	34.90 2.44 0.00	37.70 2.66 0.00	37.53 2.36 0.00	38.96 2.41 0.00	40.13 2.41 0.00	42.30 2.69 0.00	42.72 2.91 0.00	45.42 3.40 0.00	48.27 3.66 -0.01	52.49 3.75 -0.01	50.95 3.33 0.00	46.78 2.90 -0.01	42.71 2.34 0.00	39.32 2.36 0.00	36.00 2.70 0.00	32.28 2.22 -0.01
ASTORIA_GT2_2 24095	32.18 2.38 -0.01	28.81 1.93 -0.01	29.01 2.02 -0.01	26.22 1.76 -0.01	26.22 1.67 -0.01	27.30 1.67 0.00	29.53 1.88 0.00	32.38 2.00 0.00	34.90 2.44 0.00	37.70 2.66 0.00	37.53 2.36 0.00	38.96 2.41 0.00	40.13 2.41 0.00	42.30 2.69 0.00	42.72 2.91 0.00	45.42 3.40 0.00	48.27 3.66 -0.01	52.49 3.75 -0.01	50.95 3.33 0.00	46.78 2.90 -0.01	42.71 2.34 0.00	39.32 2.36 0.00	36.00 2.70 0.00	32.28 2.22 -0.01
ASTORIA_GT2_3 24096	32.18 2.38 -0.01	28.81 1.93 -0.01	29.01 2.02 -0.01	26.22 1.76 -0.01	26.22 1.67 -0.01	27.30 1.67 0.00	29.53 1.88 0.00	32.38 2.00 0.00	34.90 2.44 0.00	37.70 2.66 0.00	37.53 2.36 0.00	38.96 2.41 0.00	40.13 2.41 0.00	42.30 2.69 0.00	42.72 2.91 0.00	45.42 3.40 0.00	48.27 3.66 -0.01	52.49 3.75 -0.01	50.95 3.33 0.00	46.78 2.90 -0.01	42.71 2.34 0.00	39.32 2.36 0.00	36.00 2.70 0.00	32.28 2.22 -0.01
ASTORIA_GT2_4 24097	32.18 2.38 -0.01	28.81 1.93 -0.01	29.01 2.02 -0.01	26.22 1.76 -0.01	26.22 1.67 -0.01	27.30 1.67 0.00	29.53 1.88 0.00	32.38 2.00 0.00	34.90 2.44 0.00	37.70 2.66 0.00	37.53 2.36 0.00	38.96 2.41 0.00	40.13 2.41 0.00	42.30 2.69 0.00	42.72 2.91 0.00	45.42 3.40 0.00	48.27 3.66 -0.01	52.49 3.75 -0.01	50.95 3.33 0.00	46.78 2.90 -0.01	42.71 2.34 0.00	39.32 2.36 0.00	36.00 2.70 0.00	32.28 2.22 -0.01
ASTORIA_GT3_1 24098	32.18 2.38 -0.01	28.81 1.93 -0.01	29.01 2.02 -0.01	26.22 1.76 -0.01	26.22 1.67 -0.01	27.30 1.67 0.00	29.53 1.88 0.00	32.38 2.00 0.00	34.90 2.44 0.00	37.70 2.66 0.00	37.53 2.36 0.00	38.96 2.41 0.00	40.13 2.41 0.00	42.30 2.69 0.00	42.72 2.91 0.00	45.42 3.40 0.00	48.27 3.66 -0.01	52.49 3.75 -0.01	50.95 3.33 0.00	46.78 2.90 -0.01	42.71 2.34 0.00	39.32 2.36 0.00	36.00 2.70 0.00	32.28 2.22 -0.01
ASTORIA_GT3_2 24099	32.18 2.38 -0.01	28.81 1.93 -0.01	29.01 2.02 -0.01	26.22 1.76 -0.01	26.22 1.67 -0.01	27.30 1.67 0.00	29.53 1.88 0.0																	

ASTORIA_GT_10 24110	32.11 2.32 0.00	28.72 1.85 0.00	28.92 1.94 0.00	26.14 1.69 0.00	26.14 1.60 0.00	27.27 1.64 0.00	29.53 1.88 0.00	32.53 2.16 0.00	35.06 2.60 0.00	37.88 2.84 0.00	37.71 2.53 0.00	39.07 2.52 0.00	40.21 2.49 0.00	42.34 2.73 0.00	42.72 2.91 0.00	45.34 3.32 0.00	48.13 3.52 0.00	52.34 3.61 0.00	50.76 3.14 0.00	46.68 2.81 0.00	42.75 2.38 0.00	39.32 2.36 0.00	35.90 2.60 0.00	32.21 2.16 0.00
ASTORIA_GT_11 24225	32.11 2.32 0.00	28.72 1.85 0.00	28.92 1.94 0.00	26.14 1.69 0.00	26.14 1.60 0.00	27.27 1.64 0.00	29.53 1.88 0.00	32.53 2.16 0.00	35.06 2.60 0.00	37.88 2.84 0.00	37.71 2.53 0.00	39.07 2.52 0.00	40.21 2.49 0.00	42.34 2.73 0.00	42.72 2.91 0.00	45.34 3.32 0.00	48.13 3.52 0.00	52.34 3.61 0.00	50.76 3.14 0.00	46.68 2.81 0.00	42.75 2.38 0.00	39.32 2.36 0.00	35.90 2.60 0.00	32.21 2.16 0.00
ASTORIA_GT_12 24226	32.11 2.32 0.00	28.72 1.85 0.00	28.92 1.94 0.00	26.13 1.69 0.00	26.14 1.59 0.00	27.25 1.62 0.00	29.53 1.88 0.00	32.53 2.16 0.00	35.07 2.60 0.00	37.56 2.52 0.00	37.57 2.39 0.00	39.07 2.52 0.00	40.21 2.49 0.00	42.27 2.65 0.00	42.72 2.90 0.00	45.34 3.32 0.00	48.13 3.52 0.00	52.34 3.61 0.00	50.76 3.14 0.00	46.69 2.81 0.00	42.75 2.38 0.00	39.32 2.37 0.00	35.81 2.50 0.00	32.15 2.10 0.00
ASTORIA_GT_13 24227	32.11 2.32 0.00	28.72 1.85 0.00	28.92 1.94 0.00	26.13 1.69 0.00	26.14 1.59 0.00	27.25 1.62 0.00	29.53 1.88 0.00	32.53 2.16 0.00	35.07 2.60 0.00	37.56 2.52 0.00	37.57 2.39 0.00	39.07 2.52 0.00	40.21 2.49 0.00	42.27 2.65 0.00	42.72 2.90 0.00	45.34 3.32 0.00	48.13 3.52 0.00	52.34 3.61 0.00	50.76 3.14 0.00	46.69 2.81 0.00	42.75 2.38 0.00	39.32 2.37 0.00	35.81 2.50 0.00	32.15 2.10 0.00
ASTORIA_GT_5 24106	32.24 2.44 -0.01	28.84 1.96 -0.01	29.03 2.05 -0.01	26.24 1.78 -0.01	26.24 1.69 -0.01	27.35 1.72 0.00	29.59 1.93 0.00	32.43 2.07 0.01	34.96 2.50 0.01	37.49 2.45 0.00	37.50 2.32 0.00	39.04 2.49 0.00	40.21 2.49 0.00	42.31 2.69 0.00	42.80 2.99 0.00	45.55 3.53 0.00	48.36 3.75 -0.01	52.64 3.90 -0.01	51.05 3.43 0.00	46.91 3.03 -0.01	42.83 2.46 0.00	39.39 2.44 0.00	35.97 2.67 0.00	32.28 2.22 -0.01
ASTORIA_GT_7 24107	32.24 2.44 -0.01	28.84 1.96 -0.01	29.03 2.05 -0.01	26.24 1.78 -0.01	26.24 1.69 -0.01	27.35 1.72 0.00	29.59 1.93 0.00	32.43 2.07 0.01	34.96 2.50 0.01	37.49 2.45 0.00	37.50 2.32 0.00	39.04 2.49 0.00	40.21 2.49 0.00	42.31 2.69 0.00	42.80 2.99 0.00	45.55 3.53 0.00	48.36 3.75 -0.01	52.64 3.90 -0.01	51.05 3.43 0.00	46.91 3.03 -0.01	42.83 2.46 0.00	39.39 2.44 0.00	35.97 2.67 0.00	32.28 2.22 -0.01
ASTORIA_GT_8 24108	32.24 2.44 -0.01	28.84 1.96 -0.01	29.06 2.08 -0.01	26.27 1.81 -0.01	26.24 1.69 -0.01	27.35 1.72 0.00	29.59 1.94 0.00	32.44 2.07 0.00	34.97 2.50 0.00	37.77 2.73 0.00	37.60 2.43 0.00	39.07 2.52 0.00	40.21 2.49 0.00	42.42 2.81 0.00	42.80 2.99 0.00	45.55 3.53 0.00	48.36 3.75 -0.01	52.64 3.90 -0.01	51.05 3.43 0.00	46.91 3.03 -0.01	42.83 2.46 0.00	39.39 2.44 0.00	36.07 2.76 0.00	32.34 2.28 -0.01
ASTORIA___2 24149	32.18 2.38 -0.01	28.81 1.94 -0.01	28.98 2.00 -0.01	26.22 1.76 -0.01	26.22 1.67 -0.01	27.30 1.67 0.00	29.53 1.88 0.00	32.37 2.00 0.01	34.90 2.44 0.01	37.39 2.35 0.00	37.39 2.22 0.00	38.96 2.41 0.00	40.13 2.42 0.00	42.22 2.61 0.00	42.72 2.90 0.00	45.42 3.40 0.00	48.27 3.66 -0.01	52.49 3.75 -0.01	50.95 3.33 0.00	46.78 2.90 -0.01	42.71 2.34 0.00	39.32 2.37 0.00	35.91 2.60 0.00	32.22 2.16 -0.01
ASTORIA___3 23516	32.11 2.32 0.00	28.72 1.85 0.00	28.92 1.94 0.00	26.13 1.69 0.00	26.14 1.59 0.00	27.25 1.62 0.00	29.53 1.88 0.00	32.53 2.16 0.00	35.07 2.60 0.00	37.56 2.52 0.00	37.57 2.39 0.00	39.07 2.52 0.00	40.21 2.49 0.00	42.27 2.65 0.00	42.72 2.90 0.00	45.34 3.32 0.00	48.13 3.52 0.00	52.34 3.61 0.00	50.76 3.14 0.00	46.69 2.81 0.00	42.75 2.38 0.00	39.32 2.37 0.00	35.81 2.50 0.00	32.15 2.10 0.00
ASTORIA___4 23517	32.11 2.32 0.00	28.72 1.85 0.00	28.92 1.94 0.00	26.14 1.69 0.00	26.14 1.60 0.00	27.27 1.64 0.00	29.53 1.88 0.00	32.53 2.16 0.00	35.06 2.60 0.00	37.88 2.84 0.00	37.71 2.53 0.00	39.07 2.52 0.00	40.21 2.49 0.00	42.34 2.73 0.00	42.72 2.91 0.00	45.34 3.32 0.00	48.13 3.52 0.00	52.34 3.61 0.00	50.76 3.14 0.00	46.68 2.81 0.00	42.75 2.38 0.00	39.32 2.36 0.00	35.90 2.60 0.00	32.21 2.16 0.00
ASTORIA___5 23518	32.11 2.32 0.00	28.72 1.85 0.00	28.92 1.94 0.00	26.13 1.69 0.00	26.14 1.59 0.00	27.25 1.62 0.00	29.53 1.88 0.00	32.53 2.16 0.00	35.07 2.60 0.00	37.56 2.52 0.00	37.57 2.39 0.00	39.07 2.52 0.00	40.21 2.49 0.00	42.27 2.65 0.00	42.72 2.90 0.00	45.34 3.32 0.00	48.13 3.52 0.00	52.34 3.61 0.00	50.76 3.14 0.00	46.69 2.81 0.00	42.75 2.38 0.00	39.32 2.37 0.00	35.81 2.50 0.00	32.15 2.10 0.00
AST_ENERGY_2_CC3 323677	31.96 2.17 0.00	28.62 1.75 0.00	28.78 1.81 0.00	26.06 1.61 0.00	26.06 1.52 0.00	27.22 1.59 0.00	29.48 1.82 0.00	32.50 2.13 0.00	35.00 2.53 0.00	37.56 2.52 0.00	37.57 2.39 0.00	39.04 2.49 0.00	40.21 2.49 0.00	42.27 2.65 0.00	42.68 2.87 0.00	45.30 3.28 0.00	48.17 3.57 0.00	52.39 3.66 0.00	50.86 3.24 0.00	46.73 2.85 0.00	42.79 2.42 0.00	39.24 2.29 0.00	35.67 2.36 0.00	32.00 1.95 0.00
AST_ENERGY_2_CC4 323678	31.96 2.17 0.00	28.62 1.75 0.00	28.78 1.81 0.00	26.06 1.61 0.00	26.06 1.52 0.00	27.22 1.59 0.00	29.48 1.82 0.00	32.50 2.13 0.00	35.00 2.53 0.00	37.56 2.52 0.00	37.57 2.39 0.00	39.04 2.49 0.00	40.21 2.49 0.00	42.27 2.65 0.00	42.68 2.87 0.00	45.30 3.28 0.00	48.17 3.57 0.00	52.39 3.66 0.00	50.86 3.24 0.00	46.73 2.85 0.00	42.79 2.42 0.00	39.24 2.29 0.00	35.67 2.36 0.00	32.00 1.95 0.00
ATHENS_STG_1 23668	30.95 1.16 0.00	27.87 0.99 0.00	28.03 1.05 0.00	25.48 1.03 0.00	25.55 1.01 0.00	26.66 1.03 0.00	28.78 1.13 0.00	31.46 1.09 0.00	33.80 1.33 0.00	36.37 1.33 0.00	36.48 1.30 0.00	37.90 1.35 0.00	39.07 1.36 0.00	41.08 1.47 0.00	41.29 1.47 0.00	43.78 1.76 0.00	46.48 1.87 0.00	50.68 1.95 0.00	49.38 1.76 0.00	45.41 1.53 0.00	41.78 1.41 0.00	38.28 1.33 0.00	34.57 1.27 0.00	31.04 0.99 0.00
ATHENS_STG_2 23670	30.95 1.16 0.00	27.87 0.99 0.00	28.03 1.05 0.00	25.48 1.03 0.00	25.55 1.01 0.00	26.66 1.03 0.00	28.78 1.13 0.00	31.46 1.09 0.00	33.80 1.33 0.00	36.37 1.33 0.00	36.48 1.30 0.00	37.90 1.35 0.00	39.07 1.36 0.00	41.08 1.47 0.00	41.29 1.47 0.00	43.78 1.76 0.00	46.48 1.87 0.00	50.68 1.95 0.00	49.38 1.76 0.00	45.41 1.53 0.00	41.78 1.41 0.00	38.28 1.33 0.00	34.57 1.27 0.00	31.04 0.99 0.00

ATHENS_STG_3 23677	30.95 1.16 0.00	27.87 0.99 0.00	28.03 1.05 0.00	25.48 1.03 0.00	25.55 1.01 0.00	26.66 1.03 0.00	28.78 1.13 0.00	31.46 1.09 0.00	33.80 1.33 0.00	36.37 1.33 0.00	36.48 1.30 0.00	37.90 1.35 0.00	39.07 1.36 0.00	41.08 1.47 0.00	41.29 1.47 0.00	43.78 1.76 0.00	46.48 1.87 0.00	50.68 1.95 0.00	49.38 1.76 0.00	45.41 1.53 0.00	41.78 1.41 0.00	38.28 1.33 0.00	34.57 1.27 0.00	31.04 0.99 0.00
AUBURN____LFGE 323710	30.05 0.27 0.00	27.27 0.40 0.00	27.35 0.38 0.00	24.67 0.22 0.00	24.86 0.32 0.00	25.96 0.33 0.00	27.87 0.22 0.00	30.86 0.49 0.00	33.12 0.65 0.00	35.67 0.63 0.00	36.02 0.84 0.00	37.57 1.02 0.00	38.81 1.09 0.00	40.64 1.03 0.00	40.89 1.07 0.00	42.94 0.92 0.00	45.63 1.03 0.00	49.90 1.17 0.00	48.91 1.29 0.00	45.15 1.27 0.00	41.50 1.13 0.00	37.88 0.92 0.00	33.97 0.67 0.00	30.53 0.48 0.00
BABYLON_RES_REC 323704	43.57 3.10 -10.68	41.83 2.69 -12.27	37.98 2.72 -8.28	35.30 2.42 -8.43	34.95 2.38 -8.03	36.29 2.49 -8.17	32.84 2.82 -2.36	33.51 3.13 0.00	36.04 3.57 0.00	41.72 3.71 -2.97	47.41 3.55 -8.68	48.29 3.62 -8.12	50.09 3.24 -9.13	57.03 3.37 -14.05	63.47 3.54 -20.12	62.25 4.03 -16.20	67.28 4.19 -18.48	71.94 4.43 -18.77	62.38 4.14 -10.62	58.68 3.86 -10.94	51.87 3.47 -8.02	49.56 3.58 -9.02	44.87 3.57 -7.99	40.22 2.91 -7.26
BABYLON__69_KV_BK2 356345	44.11 3.63 -10.69	42.26 3.12 -12.27	38.41 3.16 -8.28	35.69 2.81 -8.43	35.34 2.77 -8.03	36.70 2.90 -8.17	33.33 3.32 -2.37	34.06 3.68 -0.01	36.63 4.16 -0.01	42.57 4.56 -2.98	48.22 4.36 -8.68	49.07 4.39 -8.13	51.63 4.30 -9.62	58.26 4.59 -14.06	65.33 4.78 -20.74	63.71 5.25 -16.44	68.75 5.66 -18.49	74.24 5.99 -19.52	66.95 5.62 -13.71	64.86 5.18 -15.81	56.65 4.64 -11.63	51.48 4.32 -10.20	45.56 4.26 -7.99	40.82 3.52 -7.26
BARON_WINDS____WT_PWR 323822	30.02 0.24 0.00	27.08 0.21 0.00	27.11 0.14 0.00	24.50 0.05 0.00	24.57 0.02 0.00	25.76 0.13 0.00	27.79 0.14 0.00	30.95 0.58 0.00	33.21 0.75 0.00	36.02 0.98 0.00	36.37 1.20 0.00	37.83 1.28 0.00	39.11 1.40 0.00	40.88 1.27 0.00	41.09 1.27 0.00	42.94 0.92 0.00	45.67 1.07 0.00	49.80 1.07 0.00	48.95 1.33 0.00	45.28 1.40 0.00	41.62 1.25 0.00	38.03 1.07 0.00	34.40 1.10 0.00	30.92 0.87 0.00
BARRETT_IC_1 23704	43.12 2.65 -10.69	41.38 2.23 -12.28	37.52 2.27 -8.27	34.90 2.03 -8.43	34.53 1.96 -8.03	35.86 2.05 -8.17	32.22 2.21 -2.36	32.80 2.43 0.00	35.23 2.76 0.00	40.88 2.87 -2.96	46.50 2.64 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.63 2.97 -14.05	62.55 2.95 -19.79	61.51 3.40 -16.09	66.75 3.66 -18.48	70.49 3.85 -17.92	60.34 3.52 -9.19	55.25 3.20 -8.18	49.31 2.87 -6.07	48.00 2.66 -8.38	44.27 2.96 -8.00	39.75 2.43 -7.26
BARRETT_IC_10 23701	43.12 2.65 -10.69	41.38 2.23 -12.28	37.52 2.27 -8.27	34.90 2.03 -8.43	34.53 1.96 -8.03	35.86 2.05 -8.17	32.22 2.21 -2.36	32.80 2.43 0.00	35.23 2.76 0.00	40.88 2.87 -2.96	46.50 2.64 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.63 2.97 -14.05	62.55 2.95 -19.79	61.51 3.40 -16.09	66.75 3.66 -18.48	70.49 3.85 -17.92	60.34 3.52 -9.19	55.25 3.20 -8.18	49.31 2.87 -6.07	48.00 2.66 -8.38	44.27 2.96 -8.00	39.75 2.43 -7.26
BARRETT_IC_11 23702	43.12 2.65 -10.69	41.38 2.23 -12.28	37.52 2.27 -8.27	34.90 2.03 -8.43	34.53 1.96 -8.03	35.86 2.05 -8.17	32.22 2.21 -2.36	32.80 2.43 0.00	35.23 2.76 0.00	40.88 2.87 -2.96	46.50 2.64 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.63 2.97 -14.05	62.55 2.95 -19.79	61.51 3.40 -16.09	66.75 3.66 -18.48	70.49 3.85 -17.92	60.34 3.52 -9.19	55.25 3.20 -8.18	49.31 2.87 -6.07	48.00 2.66 -8.38	44.27 2.96 -8.00	39.75 2.43 -7.26
BARRETT_IC_12 23703	43.12 2.65 -10.69	41.38 2.23 -12.28	37.52 2.27 -8.27	34.90 2.03 -8.43	34.53 1.96 -8.03	35.86 2.05 -8.17	32.22 2.21 -2.36	32.80 2.43 0.00	35.23 2.76 0.00	40.88 2.87 -2.96	46.50 2.64 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.63 2.97 -14.05	62.55 2.95 -19.79	61.51 3.40 -16.09	66.75 3.66 -18.48	70.49 3.85 -17.92	60.34 3.52 -9.19	55.25 3.20 -8.18	49.31 2.87 -6.07	48.00 2.66 -8.38	44.27 2.96 -8.00	39.75 2.43 -7.26
BARRETT_IC_2 23705	43.12 2.65 -10.69	41.38 2.23 -12.28	37.52 2.27 -8.27	34.90 2.03 -8.43	34.53 1.96 -8.03	35.86 2.05 -8.17	32.22 2.21 -2.36	32.80 2.43 0.00	35.23 2.76 0.00	40.88 2.87 -2.96	46.50 2.64 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.63 2.97 -14.05	62.55 2.95 -19.79	61.51 3.40 -16.09	66.75 3.66 -18.48	70.49 3.85 -17.92	60.34 3.52 -9.19	55.25 3.20 -8.18	49.31 2.87 -6.07	48.00 2.66 -8.38	44.27 2.96 -8.00	39.75 2.43 -7.26
BARRETT_IC_3 23706	43.12 2.65 -10.69	41.38 2.23 -12.28	37.52 2.27 -8.27	34.90 2.03 -8.43	34.53 1.96 -8.03	35.86 2.05 -8.17	32.22 2.21 -2.36	32.80 2.43 0.00	35.23 2.76 0.00	40.88 2.87 -2.96	46.50 2.64 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.63 2.97 -14.05	62.55 2.95 -19.79	61.51 3.40 -16.09	66.75 3.66 -18.48	70.49 3.85 -17.92	60.34 3.52 -9.19	55.25 3.20 -8.18	49.31 2.87 -6.07	48.00 2.66 -8.38	44.27 2.96 -8.00	39.75 2.43 -7.26
BARRETT_IC_4 23707	43.12 2.65 -10.69	41.38 2.23 -12.28	37.52 2.27 -8.27	34.90 2.03 -8.43	34.53 1.96 -8.03	35.86 2.05 -8.17	32.22 2.21 -2.36	32.80 2.43 0.00	35.23 2.76 0.00	40.88 2.87 -2.96	46.50 2.64 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.63 2.97 -14.05	62.55 2.95 -19.79	61.51 3.40 -16.09	66.75 3.66 -18.48	70.49 3.85 -17.92	60.34 3.52 -9.19	55.25 3.20 -8.18	49.31 2.87 -6.07	48.00 2.66 -8.38	44.27 2.96 -8.00	39.75 2.43 -7.26
BARRETT_IC_5 23708	43.12 2.65 -10.69	41.38 2.23 -12.28	37.52 2.27 -8.27	34.90 2.03 -8.43	34.53 1.96 -8.03	35.86 2.05 -8.17	32.22 2.21 -2.36	32.80 2.43 0.00	35.23 2.76 0.00	40.88 2.87 -2.96	46.50 2.64 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.63 2.97 -14.05	62.55 2.95 -19.79	61.51 3.40 -16.09	66.75 3.66 -18.48	70.49 3.85 -17.92	60.34 3.52 -9.19	55.25 3.20 -8.18	49.31 2.87 -6.07	48.00 2.66 -8.38	44.27 2.96 -8.00	39.75 2.43 -7.26
BARRETT_IC_6 23709	43.12 2.65 -10.69	41.38 2.23 -12.28	37.52 2.27 -8.27	34.90 2.03 -8.43	34.53 1.96 -8.03	35.86 2.05 -8.17	32.22 2.21 -2.36	32.80 2.43 0.00	35.23 2.76 0.00	40.88 2.87 -2.96	46.50 2.64 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.63 2.97 -14.05	62.55 2.95 -19.79	61.51 3.40 -16.09	66.75 3.66 -18.48	70.49 3.85 -17.92	60.34 3.52 -9.19	55.25 3.20 -8.18	49.31 2.87 -6.07	48.00 2.66 -8.38	44.27 2.96 -8.00	39.75 2.43 -7.26
BARRETT_IC_7 23710	43.12 2.65 -10.68	41.37 2.23 -12.27	37.52 2.27 -8.27	34.90 2.03 -8.43	34.53 1.96 -8.03	35.86 2.05 -8.17	32.22 2.21 -2.36	32.80 2.43 0.00	35.23 2.76 0.00	41.09 3.08 -2.96	46.60 2.74 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.71 3.05 -14.05	62.55 2.95 -19.79	61.51 3.40 -16.09	66.74 3.66 -18.48	70.45 3.80 -17.92	60.34 3.52 -9.19	55.25 3.20 -8.18	49.31 2.87 -6.07	48.00 2.66 -8.38	44.33 3.03 -7.99	39.80 2.49 -7.26

BARRETT_IC_8 23711	43.12 2.65 -10.69	41.38 2.23 -12.28	37.52 2.27 -8.27	34.90 2.03 -8.43	34.53 1.96 -8.03	35.86 2.05 -8.17	32.22 2.21 -2.36	32.80 2.43 0.00	35.23 2.76 0.00	40.88 2.87 -2.96	46.50 2.64 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.63 2.97 -14.05	62.55 2.95 -19.79	61.51 3.40 -16.09	66.75 3.66 -18.48	70.49 3.85 -17.92	60.34 3.52 -9.19	55.25 3.20 -8.18	49.31 2.87 -6.07	48.00 2.66 -8.38	44.27 2.96 -8.00	39.75 2.43 -7.26
BARRETT_IC_9 23700	43.12 2.65 -10.69	41.38 2.23 -12.28	37.52 2.27 -8.27	34.90 2.03 -8.43	34.53 1.96 -8.03	35.86 2.05 -8.17	32.22 2.21 -2.36	32.80 2.43 0.00	35.23 2.76 0.00	40.88 2.87 -2.96	46.50 2.64 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.63 2.97 -14.05	62.55 2.95 -19.79	61.51 3.40 -16.09	66.75 3.66 -18.48	70.49 3.85 -17.92	60.34 3.52 -9.19	55.25 3.20 -8.18	49.31 2.87 -6.07	48.00 2.66 -8.38	44.27 2.96 -8.00	39.75 2.43 -7.26
BARRETT___1 23545	43.12 2.65 -10.69	41.38 2.23 -12.28	37.52 2.27 -8.27	34.90 2.03 -8.43	34.53 1.96 -8.03	35.86 2.05 -8.17	32.22 2.21 -2.36	32.80 2.43 0.00	35.23 2.76 0.00	40.88 2.87 -2.96	46.50 2.64 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.63 2.97 -14.05	62.55 2.95 -19.79	61.51 3.40 -16.09	66.75 3.66 -18.48	70.49 3.85 -17.92	60.34 3.52 -9.19	55.25 3.20 -8.18	49.31 2.87 -6.07	48.00 2.66 -8.38	44.27 2.96 -8.00	39.75 2.43 -7.26
BARRETT___2 23546	43.12 2.65 -10.69	41.38 2.23 -12.28	37.52 2.27 -8.27	34.90 2.03 -8.43	34.53 1.96 -8.03	35.86 2.05 -8.17	32.22 2.21 -2.36	32.80 2.43 0.00	35.23 2.76 0.00	40.88 2.87 -2.96	46.50 2.64 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.63 2.97 -14.05	62.55 2.95 -19.79	61.51 3.40 -16.09	66.75 3.66 -18.48	70.49 3.85 -17.92	60.34 3.52 -9.19	55.25 3.20 -8.18	49.31 2.87 -6.07	48.00 2.66 -8.38	44.27 2.96 -8.00	39.75 2.43 -7.26
BATAVIA___115KV_TB1 55881	30.17 0.39 0.00	27.09 0.21 0.00	27.19 0.22 0.00	24.38 -0.07 0.00	24.54 0.00 0.00	25.61 -0.03 0.00	27.60 -0.06 0.00	30.98 0.61 0.00	33.38 0.91 0.00	35.71 0.67 0.00	36.41 1.23 0.00	38.05 1.50 0.00	39.53 1.81 0.00	41.16 1.54 0.00	41.48 1.67 0.00	43.11 1.09 0.00	45.72 1.12 0.00	49.85 1.12 0.00	49.10 1.48 0.00	45.63 1.76 0.00	42.15 1.78 0.00	38.43 1.48 0.00	34.51 1.20 0.00	30.98 0.93 0.00
BAYONEEC___CTG1 323682	31.99 2.20 0.00	28.62 1.75 0.00	28.81 1.84 0.00	26.06 1.61 0.00	26.09 1.55 0.00	27.25 1.62 0.00	29.50 1.85 0.00	32.53 2.16 0.00	35.03 2.56 0.00	37.60 2.56 0.00	37.60 2.43 0.00	39.07 2.52 0.00	40.21 2.49 0.00	40.85 2.69 1.46	41.60 2.87 1.08	41.61 3.32 3.73	42.26 3.57 5.91	46.17 3.70 6.26	42.83 3.28 8.07	41.62 2.90 5.15	40.39 2.46 2.44	39.28 2.33 0.00	35.71 2.40 0.00	32.03 1.98 0.00
BAYONEEC___CTG10 323750	31.99 2.20 0.00	28.62 1.75 0.00	28.81 1.84 0.00	26.06 1.61 0.00	26.09 1.55 0.00	27.25 1.62 0.00	29.50 1.85 0.00	32.53 2.16 0.00	35.03 2.56 0.00	37.60 2.56 0.00	37.60 2.43 0.00	39.07 2.52 0.00	40.21 2.49 0.00	40.85 2.69 1.46	41.60 2.87 1.08	41.61 3.32 3.73	42.26 3.57 5.91	46.17 3.70 6.26	42.83 3.28 8.07	41.62 2.90 5.15	40.39 2.46 2.44	39.28 2.33 0.00	35.71 2.40 0.00	32.03 1.98 0.00
BAYONEEC___CTG2 323683	31.99 2.20 0.00	28.62 1.75 0.00	28.81 1.84 0.00	26.06 1.61 0.00	26.09 1.55 0.00	27.25 1.62 0.00	29.50 1.85 0.00	32.53 2.16 0.00	35.03 2.56 0.00	37.60 2.56 0.00	37.60 2.43 0.00	39.07 2.52 0.00	40.21 2.49 0.00	40.85 2.69 1.46	41.60 2.87 1.08	41.61 3.32 3.73	42.26 3.57 5.91	46.17 3.70 6.26	42.83 3.28 8.07	41.62 2.90 5.15	40.39 2.46 2.44	39.28 2.33 0.00	35.71 2.40 0.00	32.03 1.98 0.00
BAYONEEC___CTG3 323684	31.99 2.20 0.00	28.62 1.75 0.00	28.81 1.84 0.00	26.06 1.61 0.00	26.09 1.55 0.00	27.25 1.62 0.00	29.50 1.85 0.00	32.53 2.16 0.00	35.03 2.56 0.00	37.60 2.56 0.00	37.60 2.43 0.00	39.07 2.52 0.00	40.21 2.49 0.00	40.85 2.69 1.46	41.60 2.87 1.08	41.61 3.32 3.73	42.26 3.57 5.91	46.17 3.70 6.26	42.83 3.28 8.07	41.62 2.90 5.15	40.39 2.46 2.44	39.28 2.33 0.00	35.71 2.40 0.00	32.03 1.98 0.00
BAYONEEC___CTG4 323685	31.99 2.20 0.00	28.62 1.75 0.00	28.81 1.84 0.00	26.06 1.61 0.00	26.09 1.55 0.00	27.25 1.62 0.00	29.50 1.85 0.00	32.53 2.16 0.00	35.03 2.56 0.00	37.60 2.56 0.00	37.60 2.43 0.00	39.07 2.52 0.00	40.21 2.49 0.00	40.85 2.69 1.46	41.60 2.87 1.08	41.61 3.32 3.73	42.26 3.57 5.91	46.17 3.70 6.26	42.83 3.28 8.07	41.62 2.90 5.15	40.39 2.46 2.44	39.28 2.33 0.00	35.71 2.40 0.00	32.03 1.98 0.00
BAYONEEC___CTG5 323686	31.99 2.20 0.00	28.62 1.75 0.00	28.81 1.84 0.00	26.06 1.61 0.00	26.09 1.55 0.00	27.25 1.62 0.00	29.50 1.85 0.00	32.53 2.16 0.00	35.03 2.56 0.00	37.60 2.56 0.00	37.60 2.43 0.00	39.07 2.52 0.00	40.21 2.49 0.00	40.85 2.69 1.46	41.60 2.87 1.08	41.61 3.32 3.73	42.26 3.57 5.91	46.17 3.70 6.26	42.83 3.28 8.07	41.62 2.90 5.15	40.39 2.46 2.44	39.28 2.33 0.00	35.71 2.40 0.00	32.03 1.98 0.00
BAYONEEC___CTG6 323687	31.99 2.20 0.00	28.62 1.75 0.00	28.81 1.84 0.00	26.06 1.61 0.00	26.09 1.55 0.00	27.25 1.62 0.00	29.50 1.85 0.00	32.53 2.16 0.00	35.03 2.56 0.00	37.60 2.56 0.00	37.60 2.43 0.00	39.07 2.52 0.00	40.21 2.49 0.00	40.85 2.69 1.46	41.60 2.87 1.08	41.61 3.32 3.73	42.26 3.57 5.91	46.17 3.70 6.26	42.83 3.28 8.07	41.62 2.90 5.15	40.39 2.46 2.44	39.28 2.33 0.00	35.71 2.40 0.00	32.03 1.98 0.00
BAYONEEC___CTG7 323688	31.99 2.20 0.00	28.62 1.75 0.00	28.81 1.84 0.00	26.06 1.61 0.00	26.09 1.55 0.00	27.25 1.62 0.00	29.50 1.85 0.00	32.53 2.16 0.00	35.03 2.56 0.00	37.60 2.56 0.00	37.60 2.43 0.00	39.07 2.52 0.00	40.21 2.49 0.00	40.85 2.69 1.46	41.60 2.87 1.08	41.61 3.32 3.73	42.26 3.57 5.91	46.17 3.70 6.26	42.83 3.28 8.07	41.62 2.90 5.15	40.39 2.46 2.44	39.28 2.33 0.00	35.71 2.40 0.00	32.03 1.98 0.00
BAYONEEC___CTG8 323689	31.99 2.20 0.00	28.62 1.75 0.00	28.81 1.84 0.00	26.06 1.61 0.00	26.09 1.55 0.00	27.25 1.62 0.00	29.50 1.85 0.00	32.53 2.16 0.00	35.03 2.56 0.00	37.60 2.56 0.00	37.60 2.43 0.00	39.07 2.52 0.00	40.21 2.49 0.00	40.85 2.69 1.46	41.60 2.87 1.08	41.61 3.32 3.73	42.26 3.57 5.91	46.17 3.70 6.26	42.83 3.28 8.07	41.62 2.90 5.15	40.39 2.46 2.44	39.28 2.33 0.00	35.71 2.40 0.00	32.03 1.98 0.00
BAYONEEC___CTG9 323749	31.99 2.20 0.00	28.62 1.75 0.00	28.81 1.84 0.00	26.06 1.61 0.00	26.09 1.55 0.00	27.25 1.62 0.00	29.50 1.85 0.00	32.53 2.16 0.00	35.03 2.56 0.00	37.60 2.56 0.00	37.60 2.43 0.00	39.07 2.52 0.00	40.21 2.49 0.00	40.85 2.69 1.46	41.60 2.87 1.08	41.61 3.32 3.73	42.26 3.57 5.91	46.17 3.70 6.26	42.83 3.28 8.07	41.62 2.90 5.15	40.39 2.46 2.44	39.28 2.33 0.00	35.71 2.40 0.00	32.03 1.98 0.00

BEACON___LESR 323632	30.95 1.16 0.00	27.87 0.99 0.00	28.00 1.02 0.00	25.38 0.93 0.00	25.52 0.98 0.00	26.66 1.03 0.00	28.83 1.22 0.03	31.46 1.09 0.00	33.80 1.33 0.00	36.16 1.33 0.21	36.51 1.34 0.00	37.97 1.42 0.00	39.15 1.43 0.00	41.12 1.50 0.00	41.20 1.39 0.00	43.70 1.68 0.00	46.43 1.83 0.00	50.73 2.00 0.00	49.38 1.76 0.00	45.50 1.62 0.00	41.94 1.57 0.00	38.54 1.59 0.00	34.64 1.33 0.00	31.01 0.96 0.00
BEAVER RIVER___HYD 24048	29.88 0.09 0.00	27.01 0.14 0.00	27.08 0.11 0.00	24.47 0.02 0.00	24.52 -0.02 0.00	25.61 -0.03 0.00	27.62 -0.03 0.00	30.07 -0.30 0.00	32.01 -0.45 0.00	34.69 -0.35 0.00	34.68 -0.49 0.00	35.85 -0.70 0.00	36.96 -0.75 0.00	38.78 -0.83 0.00	39.65 -0.16 0.00	41.56 -0.46 0.00	44.11 -0.49 0.00	48.49 -0.24 0.00	47.86 0.24 0.00	44.23 0.35 0.00	40.86 0.49 0.00	37.21 0.26 0.00	33.57 0.27 0.00	30.32 0.27 0.00
BEEBEE_GT_13 23619	29.79 0.00 0.00	26.87 0.00 0.00	26.87 -0.11 0.00	24.23 -0.22 0.00	24.30 -0.25 0.00	25.43 -0.21 0.00	27.40 -0.25 0.00	30.55 0.18 0.00	32.89 0.42 0.00	35.29 0.25 0.00	35.92 0.74 0.00	37.50 0.95 0.00	38.89 1.17 0.00	40.60 0.99 0.00	40.85 1.04 0.00	42.61 0.59 0.00	45.18 0.58 0.00	49.27 0.54 0.00	48.38 0.76 0.00	44.88 1.01 0.00	41.34 0.97 0.00	37.73 0.78 0.00	33.91 0.60 0.00	30.44 0.39 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.47 2.68 -0.01	28.99 2.12 0.00	29.19 2.21 0.00	26.36 1.91 0.00	26.31 1.77 0.00	27.40 1.77 0.00	29.67 2.02 0.00	32.77 2.40 0.00	35.39 2.92 0.00	38.26 3.22 0.00	38.10 2.92 0.00	39.55 3.00 0.00	40.70 2.98 0.00	42.82 3.21 0.00	43.24 3.42 0.00	45.93 3.91 0.00	48.80 4.19 0.00	53.17 4.39 -0.06	51.48 3.86 0.00	47.30 3.42 0.00	43.32 2.95 0.00	39.93 2.92 -0.06	36.35 3.03 -0.02	32.54 2.49 0.00
BETHLEHEM___GRP 23843	30.47 0.69 0.00	27.46 0.59 0.00	27.62 0.65 0.00	25.06 0.61 0.00	25.18 0.64 0.00	26.27 0.64 0.00	28.37 0.75 0.03	30.95 0.58 0.00	33.25 0.78 0.00	35.69 0.84 0.19	35.92 0.74 0.00	37.32 0.77 0.00	38.43 0.72 0.00	40.44 0.83 0.00	40.49 0.68 0.00	42.94 0.92 0.00	45.58 0.98 0.00	49.75 1.02 0.00	48.48 0.86 0.00	44.62 0.75 0.00	41.14 0.77 0.00	37.77 0.81 0.00	34.11 0.80 0.00	30.59 0.54 0.00
BETHLEHEM___GS1 323560	30.47 0.69 0.00	27.46 0.59 0.00	27.60 0.62 0.00	25.06 0.61 0.00	25.18 0.64 0.00	26.27 0.64 0.00	28.37 0.75 0.03	30.95 0.58 0.00	33.24 0.78 0.00	35.59 0.74 0.19	35.88 0.70 0.00	37.32 0.77 0.00	38.43 0.71 0.00	40.40 0.79 0.00	40.49 0.68 0.00	42.94 0.92 0.00	45.58 0.98 0.00	49.76 1.02 0.00	48.48 0.86 0.00	44.62 0.75 0.00	41.14 0.77 0.00	37.76 0.81 0.00	34.01 0.70 0.00	30.50 0.45 0.00
BETHLEHEM___GS2 323561	30.47 0.69 0.00	27.46 0.59 0.00	27.60 0.62 0.00	25.06 0.61 0.00	25.18 0.64 0.00	26.27 0.64 0.00	28.37 0.75 0.03	30.95 0.58 0.00	33.24 0.78 0.00	35.59 0.74 0.19	35.88 0.70 0.00	37.32 0.77 0.00	38.43 0.71 0.00	40.40 0.79 0.00	40.49 0.68 0.00	42.94 0.92 0.00	45.58 0.98 0.00	49.76 1.02 0.00	48.48 0.86 0.00	44.62 0.75 0.00	41.14 0.77 0.00	37.76 0.81 0.00	34.01 0.70 0.00	30.50 0.45 0.00
BETHLEHEM___GS3 323562	30.47 0.69 0.00	27.46 0.59 0.00	27.60 0.62 0.00	25.06 0.61 0.00	25.18 0.64 0.00	26.27 0.64 0.00	28.37 0.75 0.03	30.95 0.58 0.00	33.24 0.78 0.00	35.59 0.74 0.19	35.88 0.70 0.00	37.32 0.77 0.00	38.43 0.71 0.00	40.40 0.79 0.00	40.49 0.68 0.00	42.94 0.92 0.00	45.58 0.98 0.00	49.76 1.02 0.00	48.48 0.86 0.00	44.62 0.75 0.00	41.14 0.77 0.00	37.76 0.81 0.00	34.01 0.70 0.00	30.50 0.45 0.00
BETHLEHEM___STEEL 23779	29.76 -0.03 0.00	26.82 -0.05 0.00	26.87 -0.11 0.00	24.18 -0.27 0.00	24.25 -0.29 0.00	25.43 -0.21 0.00	27.35 -0.30 0.00	30.71 0.33 0.00	33.02 0.55 0.00	35.36 0.32 0.00	36.09 0.91 0.00	37.79 1.24 0.00	39.23 1.51 0.00	40.84 1.23 0.00	41.21 1.39 0.00	42.90 0.88 0.00	45.50 0.89 0.00	49.51 0.78 0.00	48.62 1.00 0.00	45.06 1.18 0.00	41.50 1.13 0.00	37.88 0.92 0.00	34.04 0.73 0.00	30.59 0.54 0.00
BETHLHEM_115KV_TB1 79974	30.56 0.77 0.00	27.54 0.67 0.00	27.68 0.70 0.00	25.11 0.66 0.00	25.23 0.69 0.00	26.35 0.72 0.00	28.43 0.80 0.03	31.04 0.67 0.00	33.34 0.88 0.00	35.81 0.95 0.18	36.02 0.84 0.00	37.43 0.88 0.00	38.55 0.83 0.00	40.56 0.95 0.00	40.61 0.80 0.00	43.07 1.05 0.00	45.72 1.12 0.00	49.90 1.17 0.00	48.62 1.00 0.00	44.75 0.88 0.00	41.22 0.85 0.00	37.88 0.92 0.00	34.21 0.90 0.00	30.68 0.63 0.00
BETHPAGE_CC_5 323564	43.24 2.77 -10.68	41.48 2.34 -12.27	37.63 2.37 -8.27	35.08 2.20 -8.43	34.70 2.13 -8.03	36.03 2.23 -8.17	32.56 2.54 -2.36	33.20 2.83 0.00	35.75 3.28 0.00	41.34 3.33 -2.97	46.99 3.13 -8.68	47.89 3.22 -8.12	49.86 3.17 -8.97	57.06 3.41 -14.05	63.32 3.54 -19.97	62.17 4.03 -16.12	67.41 4.33 -18.48	71.41 4.53 -18.15	61.39 4.19 -9.58	57.30 3.77 -9.65	50.68 3.31 -7.00	48.74 3.10 -8.69	44.40 3.10 -8.00	39.89 2.58 -7.26
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.79 0.00 0.00	26.84 -0.03 0.00	26.90 -0.08 0.00	24.23 -0.22 0.00	24.30 -0.25 0.00	25.48 -0.15 0.00	27.40 -0.25 0.00	30.80 0.43 0.00	33.08 0.62 0.00	35.46 0.42 0.00	36.20 1.02 0.00	37.90 1.35 0.00	39.34 1.62 0.00	40.96 1.35 0.00	41.32 1.51 0.00	43.03 1.01 0.00	45.63 1.03 0.00	49.66 0.93 0.00	48.81 1.19 0.00	45.19 1.32 0.00	41.62 1.25 0.00	37.95 1.00 0.00	34.14 0.83 0.00	30.65 0.60 0.00
BINGHAMTON___COGEN 23790	30.14 0.36 0.00	27.17 0.30 0.00	27.25 0.27 0.00	24.64 0.20 0.00	24.76 0.22 0.00	25.89 0.26 0.00	27.95 0.30 0.00	30.89 0.52 0.00	33.12 0.65 0.00	35.67 0.63 0.00	35.99 0.81 0.00	37.50 0.95 0.00	38.77 1.06 0.00	40.60 0.99 0.00	40.85 1.04 0.00	42.90 0.88 0.00	45.63 1.03 0.00	49.80 1.07 0.00	48.76 1.14 0.00	44.97 1.10 0.00	41.38 1.01 0.00	37.80 0.85 0.00	34.01 0.70 0.00	30.59 0.54 0.00
BIXINCNT_115KV_LOAD 355685	29.88 0.09 0.00	26.92 0.05 0.00	26.98 0.00 0.00	24.30 -0.15 0.00	24.37 -0.17 0.00	25.58 -0.05 0.00	27.57 -0.08 0.00	31.01 0.64 0.00	33.34 0.88 0.00	35.78 0.74 0.00	36.48 1.30 0.00	38.12 1.57 0.00	39.45 1.73 0.00	40.96 1.35 0.00	41.28 1.47 0.00	42.94 0.92 0.00	45.63 1.03 0.00	49.61 0.88 0.00	48.81 1.19 0.00	45.19 1.32 0.00	41.62 1.25 0.00	37.91 0.96 0.00	34.04 0.73 0.00	30.62 0.57 0.00
BLACK RIVER___HYD 24047	30.08 0.30 0.00	27.14 0.27 0.00	27.22 0.24 0.00	24.57 0.12 0.00	24.64 0.10 0.00	25.71 0.08 0.00	27.79 0.14 0.00	30.40 0.03 0.00	32.43 -0.03 0.00	35.18 0.14 0.00	35.21 0.04 0.00	36.48 -0.07 0.00	37.57 -0.15 0.00	39.41 -0.20 0.00	39.97 0.16 0.00	41.77 -0.25 0.00	44.43 -0.18 0.00	48.93 0.20 0.00	48.43 0.81 0.00	44.84 0.96 0.00	41.46 1.09 0.00	37.69 0.74 0.00	33.91 0.60 0.00	30.56 0.51 0.00

BLACKRVR_115KV_TB2 79977	30.08 0.30 0.00	27.14 0.27 0.00	27.22 0.24 0.00	24.57 0.12 0.00	24.64 0.10 0.00	25.71 0.08 0.00	27.79 0.14 0.00	30.40 0.03 0.00	32.43 -0.03 0.00	35.11 0.07 0.00	35.21 0.04 0.00	36.48 -0.07 0.00	37.57 -0.15 0.00	39.41 -0.20 0.00	39.97 0.16 0.00	41.77 -0.25 0.00	44.42 -0.18 0.00	48.93 0.19 0.00	48.43 0.81 0.00	44.84 0.97 0.00	41.46 1.09 0.00	37.69 0.74 0.00	33.87 0.57 0.00	30.53 0.48 0.00
BLISS_WT_PWR 323608	29.85 0.06 0.00	26.98 0.11 0.00	26.95 -0.03 0.00	24.33 -0.12 0.00	24.37 -0.17 0.00	25.63 0.00 0.00	27.60 -0.06 0.00	31.04 0.67 0.00	33.34 0.88 0.00	36.37 1.33 0.00	36.76 1.58 0.00	38.20 1.65 0.00	39.42 1.70 0.00	41.15 1.54 0.00	41.24 1.43 0.00	42.86 0.84 0.00	45.58 0.98 0.00	49.56 0.83 0.00	48.76 1.14 0.00	45.15 1.27 0.00	41.58 1.21 0.00	37.88 0.92 0.00	34.34 1.03 0.00	30.83 0.78 0.00
BLUE_CIRC_CHEM_DRP 24182	30.98 1.19 0.00	27.95 1.07 0.00	28.08 1.11 0.00	25.48 1.03 0.00	25.62 1.08 0.00	26.73 1.10 0.00	28.88 1.24 0.02	31.50 1.12 0.00	33.77 1.30 0.00	36.35 1.44 0.12	36.48 1.30 0.00	37.94 1.39 0.00	39.07 1.36 0.00	41.08 1.47 0.00	41.13 1.31 0.00	43.57 1.55 0.00	46.25 1.65 0.00	50.48 1.75 0.00	49.19 1.57 0.00	45.32 1.45 0.00	41.82 1.45 0.00	38.39 1.44 0.00	34.67 1.37 0.00	31.10 1.05 0.00
BOC_GAS_DRP 24189	30.71 0.92 0.00	27.68 0.81 0.00	27.84 0.86 0.00	25.28 0.83 0.00	25.38 0.83 0.00	26.48 0.85 0.00	28.58 0.94 0.02	31.22 0.85 0.00	33.51 1.04 0.00	36.10 1.16 0.10	36.20 1.02 0.00	37.61 1.06 0.00	38.77 1.06 0.00	40.76 1.15 0.00	40.89 1.07 0.00	43.32 1.30 0.00	45.99 1.38 0.00	50.19 1.46 0.00	48.91 1.29 0.00	45.02 1.14 0.00	41.46 1.09 0.00	38.02 1.07 0.00	34.37 1.07 0.00	30.86 0.81 0.00
BOONVILLE_115KV_TB1 79983	30.41 0.63 0.00	27.33 0.46 0.00	27.44 0.46 0.00	24.82 0.37 0.00	24.88 0.34 0.00	25.99 0.36 0.00	28.18 0.53 0.00	31.22 0.85 0.00	33.51 1.04 0.00	36.20 1.16 0.00	36.41 1.23 0.00	37.83 1.28 0.00	38.96 1.24 0.00	40.96 1.35 0.00	40.81 1.00 0.00	42.90 0.88 0.00	45.54 0.94 0.00	49.90 1.17 0.00	49.00 1.38 0.00	45.19 1.32 0.00	41.66 1.29 0.00	37.95 1.00 0.00	34.14 0.83 0.00	30.77 0.72 0.00
BORALEX_4TH_BRANCH 23824	31.60 1.82 0.00	28.40 1.53 0.00	28.57 1.59 0.00	25.94 1.49 0.00	26.06 1.52 0.00	27.25 1.62 0.00	29.52 1.82 -0.05	32.04 1.67 0.00	34.41 1.95 0.00	37.35 2.00 -0.31	37.08 1.90 0.00	38.56 2.01 0.00	39.68 1.96 0.00	41.75 2.14 0.00	41.72 1.91 0.00	44.46 2.44 0.00	47.10 2.50 0.00	51.36 2.63 0.00	50.09 2.47 0.00	46.07 2.19 0.00	42.55 2.18 0.00	39.06 2.11 0.00	35.17 1.86 0.00	31.58 1.53 0.00
BOWLINE___1 23526	31.54 1.76 0.00	28.29 1.42 0.00	28.46 1.48 0.00	25.79 1.34 0.00	25.84 1.30 0.00	26.96 1.33 0.00	29.20 1.55 0.00	32.07 1.70 0.00	34.51 2.05 0.00	37.11 2.07 0.00	37.18 2.00 0.00	38.63 2.08 0.00	39.83 2.11 0.00	41.91 2.30 0.00	42.20 2.39 0.00	44.79 2.77 0.00	47.64 3.03 0.00	51.85 3.12 0.00	50.43 2.81 0.00	46.33 2.46 0.00	42.51 2.14 0.00	38.98 2.03 0.00	35.27 1.96 0.00	31.64 1.59 0.00
BOWLINE___2 23595	31.54 1.76 0.00	28.29 1.42 0.00	28.46 1.48 0.00	25.79 1.34 0.00	25.84 1.30 0.00	26.96 1.33 0.00	29.20 1.55 0.00	32.07 1.70 0.00	34.51 2.05 0.00	37.11 2.07 0.00	37.18 2.00 0.00	38.63 2.08 0.00	39.83 2.11 0.00	41.91 2.30 0.00	42.20 2.39 0.00	44.79 2.77 0.00	47.64 3.03 0.00	51.85 3.12 0.00	50.43 2.81 0.00	46.33 2.46 0.00	42.51 2.14 0.00	38.98 2.03 0.00	35.27 1.96 0.00	31.64 1.59 0.00
BRADY___115KV_TB2 356060	29.70 -0.09 0.00	27.01 0.13 0.00	27.06 0.08 0.00	24.52 0.07 0.00	24.57 0.02 0.00	25.63 0.00 0.00	27.51 -0.14 0.00	30.22 -0.15 0.00	32.11 -0.36 0.00	34.72 -0.32 0.00	34.79 -0.39 0.00	35.97 -0.58 0.00	37.15 -0.57 0.00	39.06 -0.55 0.00	39.33 -0.48 0.00	41.43 -0.59 0.00	43.76 -0.85 0.00	47.95 -0.78 0.00	47.05 -0.57 0.00	43.35 -0.53 0.00	40.09 -0.28 0.00	36.69 -0.26 0.00	33.07 -0.23 0.00	30.02 -0.03 0.00
BRANSCOMB___SOLAR 323811	31.60 1.82 0.00	28.51 1.64 0.00	28.62 1.65 0.00	25.94 1.49 0.00	26.11 1.57 0.00	27.25 1.62 0.00	29.57 1.88 -0.04	32.26 1.88 0.00	34.61 2.14 0.00	37.52 2.24 -0.23	37.36 2.18 0.00	38.82 2.27 0.00	39.79 2.07 0.00	41.87 2.26 0.00	41.92 2.11 0.00	44.41 2.39 0.00	47.10 2.50 0.00	51.51 2.78 0.00	50.33 2.71 0.00	46.46 2.59 0.00	43.08 2.71 0.00	39.54 2.59 0.00	35.44 2.13 0.00	31.67 1.62 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	43.87 3.40 -10.69	42.18 3.04 -12.27	38.33 3.08 -8.28	35.61 2.74 -8.43	35.27 2.70 -8.03	36.62 2.82 -8.17	33.22 3.21 -2.37	33.91 3.52 -0.01	36.41 3.93 -0.01	42.29 4.27 -2.98	47.97 4.12 -8.68	48.74 4.06 -8.13	51.31 3.96 -9.63	57.91 4.24 -14.06	66.28 4.42 -22.05	63.21 4.75 -16.44	68.22 5.13 -18.48	73.42 5.36 -19.33	66.36 4.95 -13.79	76.32 4.74 -27.71	62.83 4.24 -18.22	53.18 3.88 -12.35	45.36 4.06 -7.99	40.64 3.34 -7.26
BRISTLHL_115KV_TB1 79998	29.28 -0.51 0.00	26.39 -0.48 0.00	26.46 -0.51 0.00	23.96 -0.49 0.00	24.07 -0.47 0.00	25.14 -0.49 0.00	27.15 -0.50 0.00	29.95 -0.43 0.00	32.08 -0.39 0.00	34.58 -0.46 0.00	34.86 -0.32 0.00	36.29 -0.26 0.00	37.49 -0.23 0.00	39.29 -0.32 0.00	39.45 -0.36 0.00	41.47 -0.55 0.00	44.11 -0.49 0.00	48.19 -0.54 0.00	47.19 -0.43 0.00	43.57 -0.31 0.00	40.05 -0.32 0.00	36.62 -0.33 0.00	32.91 -0.40 0.00	29.69 -0.36 0.00
BROOKHAVEN___DRP 24191	43.98 3.46 -10.74	42.14 2.98 -12.28	38.36 3.10 -8.28	35.56 2.69 -8.43	35.22 2.65 -8.03	36.57 2.77 -8.17	33.26 3.24 -2.37	33.92 3.49 -0.06	36.55 4.03 -0.06	42.37 4.31 -3.02	47.77 3.90 -8.69	48.60 3.87 -8.18	53.87 3.81 -12.35	57.79 4.08 -14.10	64.81 4.14 -20.86	64.47 4.66 -17.79	68.10 5.00 -18.50	79.85 5.26 -25.85	83.69 4.90 -31.16	62.18 4.39 -13.92	60.26 4.08 -15.82	52.28 3.73 -11.60	45.13 3.83 -7.99	40.49 3.19 -7.26
BROOKLYN_NAVY_YARD 23515	31.99 2.20 0.00	28.62 1.75 0.00	28.81 1.84 0.00	26.04 1.59 0.00	26.06 1.52 0.00	27.22 1.59 0.00	29.50 1.85 0.00	32.56 2.19 0.00	35.07 2.60 0.00	37.67 2.63 0.00	37.60 2.43 0.00	39.07 2.52 0.00	40.24 2.53 0.00	42.31 2.69 0.00	42.72 2.90 0.00	45.38 3.36 0.00	48.26 3.66 0.00	52.48 3.75 0.00	50.95 3.33 0.00	46.82 2.94 0.00	42.87 2.50 0.00	39.28 2.33 0.00	35.71 2.40 0.00	32.03 1.98 0.00
BROOKLYN___ARMY_DRP 323595	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00



BROOKVLE_69_KV_TB1 55790	43.15 2.68 -10.68	41.35 2.20 -12.27	37.60 2.35 -8.27	34.98 2.10 -8.43	34.61 2.04 -8.03	35.93 2.13 -8.17	32.44 2.43 -2.36	33.14 2.76 0.00	35.68 3.21 0.00	41.44 3.43 -2.96	47.09 3.24 -8.68	48.00 3.33 -8.12	50.02 3.39 -8.91	57.34 3.68 -14.05	63.39 3.78 -19.79	62.39 4.29 -16.09	67.68 4.59 -18.48	71.42 4.78 -17.92	61.19 4.38 -9.19	55.96 3.90 -8.18	49.83 3.39 -6.07	48.48 3.14 -8.38	44.36 3.06 -7.99	39.92 2.61 -7.26
BROOME_2_LFGE 323671	30.14 0.36 0.00	27.17 0.30 0.00	27.25 0.27 0.00	24.67 0.22 0.00	24.76 0.22 0.00	25.89 0.26 0.00	27.96 0.30 0.00	30.89 0.52 0.00	33.12 0.65 0.00	35.81 0.77 0.00	36.06 0.88 0.00	37.54 0.99 0.00	38.77 1.05 0.00	40.64 1.03 0.00	40.85 1.03 0.00	42.90 0.88 0.00	45.63 1.03 0.00	49.80 1.07 0.00	48.76 1.14 0.00	44.97 1.10 0.00	41.38 1.01 0.00	37.80 0.85 0.00	34.07 0.77 0.00	30.68 0.63 0.00
BROOME___LFGE 323600	30.14 0.36 0.00	27.17 0.30 0.00	27.25 0.27 0.00	24.67 0.22 0.00	24.76 0.22 0.00	25.89 0.26 0.00	27.96 0.30 0.00	30.89 0.52 0.00	33.12 0.65 0.00	35.81 0.77 0.00	36.06 0.88 0.00	37.54 0.99 0.00	38.77 1.05 0.00	40.64 1.03 0.00	40.85 1.03 0.00	42.90 0.88 0.00	45.63 1.03 0.00	49.80 1.07 0.00	48.76 1.14 0.00	44.97 1.10 0.00	41.38 1.01 0.00	37.80 0.85 0.00	34.07 0.77 0.00	30.68 0.63 0.00
BROWNFLS_115KV_TB_3_5 80003	29.55 -0.24 0.00	26.82 -0.05 0.00	26.87 -0.11 0.00	24.33 -0.12 0.00	24.34 -0.20 0.00	25.40 -0.23 0.00	27.35 -0.30 0.00	29.86 -0.52 0.00	31.75 -0.71 0.00	34.37 -0.67 0.00	34.40 -0.77 0.00	35.53 -1.02 0.00	36.62 -1.09 0.00	38.50 -1.11 0.00	39.13 -0.68 0.00	41.10 -0.92 0.00	43.49 -1.12 0.00	47.71 -1.02 0.00	46.95 -0.67 0.00	43.31 -0.57 0.00	40.05 -0.32 0.00	36.62 -0.33 0.00	33.11 -0.20 0.00	29.96 -0.09 0.00
BROWNSV1_27_KV_LOAD 356125	32.32 2.53 0.00	28.89 2.02 0.00	29.11 2.13 0.00	26.31 1.86 0.00	26.31 1.77 0.00	27.48 1.85 0.00	29.78 2.13 0.00	32.86 2.49 0.00	35.39 2.92 0.00	38.26 3.22 0.00	38.13 2.95 0.00	39.55 3.00 0.00	40.70 2.98 0.00	42.86 3.25 0.00	43.20 3.38 0.00	45.89 3.87 0.00	48.80 4.19 0.00	53.12 4.39 0.00	51.57 3.95 0.00	47.39 3.51 0.00	43.36 2.99 0.00	39.76 2.81 0.00	36.17 2.86 0.00	32.39 2.34 0.00
BURROWS___LYONSDAL 23803	30.26 0.48 0.00	27.25 0.38 0.00	27.33 0.35 0.00	24.72 0.27 0.00	24.79 0.25 0.00	25.89 0.26 0.00	28.04 0.39 0.00	31.19 0.82 0.00	33.47 1.01 0.00	36.16 1.12 0.00	36.41 1.23 0.00	37.79 1.24 0.00	38.92 1.21 0.00	40.96 1.35 0.00	40.53 0.72 0.00	42.57 0.55 0.00	45.18 0.58 0.00	49.56 0.83 0.00	48.72 1.10 0.00	44.93 1.05 0.00	41.46 1.09 0.00	37.77 0.81 0.00	34.01 0.70 0.00	30.62 0.57 0.00
CAITHNESS_CC_1 323624	43.86 3.34 -10.74	42.06 2.90 -12.28	38.25 2.99 -8.28	35.49 2.62 -8.43	35.15 2.58 -8.03	36.50 2.69 -8.17	33.15 3.12 -2.37	33.80 3.37 -0.06	36.39 3.86 -0.06	42.05 3.99 -3.02	47.56 3.69 -8.69	48.46 3.73 -8.18	53.71 3.66 -12.33	57.60 3.88 -14.10	64.64 3.98 -20.85	64.30 4.50 -17.78	67.87 4.77 -18.50	84.84 5.07 -31.04	83.38 4.72 -31.05	62.04 4.25 -13.91	60.06 3.91 -15.77	52.12 3.58 -11.58	44.96 3.66 -7.99	40.37 3.07 -7.26
CALPINE BETH_PAGE_GT4 24209	43.21 2.74 -10.68	41.40 2.26 -12.27	37.57 2.32 -8.27	35.05 2.18 -8.43	34.68 2.11 -8.03	36.01 2.20 -8.17	32.53 2.52 -2.36	33.20 2.82 0.00	35.71 3.25 0.00	41.47 3.47 -2.97	47.02 3.17 -8.68	47.85 3.18 -8.12	49.84 3.17 -8.95	57.10 3.45 -14.05	63.27 3.54 -19.92	62.12 3.99 -16.11	67.41 4.33 -18.48	71.18 4.53 -17.92	61.29 4.19 -9.48	56.84 3.73 -9.24	50.39 3.27 -6.75	48.62 3.07 -8.60	44.43 3.13 -7.99	39.86 2.55 -7.26
CALPINE_BETH_PAGE_GT_4 323586	43.21 2.74 -10.68	41.40 2.26 -12.27	37.57 2.32 -8.27	35.03 2.15 -8.43	34.68 2.11 -8.03	36.01 2.20 -8.17	32.53 2.52 -2.36	33.20 2.83 0.00	35.71 3.25 0.00	41.30 3.29 -2.97	46.91 3.06 -8.68	47.85 3.18 -8.12	49.84 3.17 -8.95	57.02 3.37 -14.05	63.27 3.54 -19.92	62.12 3.99 -16.11	67.41 4.33 -18.48	71.35 4.53 -18.09	61.30 4.19 -9.48	56.84 3.73 -9.24	50.39 3.27 -6.75	48.62 3.07 -8.60	44.33 3.03 -8.00	39.83 2.52 -7.26
CALPINE_BP_GT1 23823	43.21 2.74 -10.68	41.40 2.26 -12.27	37.57 2.32 -8.27	35.03 2.15 -8.43	34.68 2.11 -8.03	36.01 2.20 -8.17	32.53 2.52 -2.36	33.20 2.83 0.00	35.71 3.25 0.00	41.30 3.29 -2.97	46.91 3.06 -8.68	47.85 3.18 -8.12	49.84 3.17 -8.95	57.02 3.37 -14.05	63.27 3.54 -19.92	62.12 3.99 -16.11	67.41 4.33 -18.48	71.35 4.53 -18.09	61.30 4.19 -9.48	56.84 3.73 -9.24	50.39 3.27 -6.75	48.62 3.07 -8.60	44.33 3.03 -8.00	39.83 2.52 -7.26
CALSPAN___DRP 24200	29.76 -0.03 0.00	26.82 -0.05 0.00	26.87 -0.11 0.00	24.18 -0.27 0.00	24.25 -0.29 0.00	25.43 -0.21 0.00	27.35 -0.30 0.00	30.71 0.33 0.00	33.02 0.55 0.00	35.36 0.32 0.00	36.09 0.91 0.00	37.79 1.24 0.00	39.23 1.51 0.00	40.84 1.23 0.00	41.21 1.39 0.00	42.90 0.88 0.00	45.50 0.89 0.00	49.51 0.78 0.00	48.62 1.00 0.00	45.06 1.18 0.00	41.50 1.13 0.00	37.88 0.92 0.00	34.04 0.73 0.00	30.59 0.54 0.00
CALVERTON___SOLAR 323806	44.16 3.63 -10.74	42.27 3.12 -12.28	38.47 3.21 -8.28	35.66 2.79 -8.43	35.32 2.75 -8.03	36.67 2.87 -8.17	33.40 3.37 -2.37	34.07 3.64 -0.06	36.74 4.22 -0.06	42.41 4.34 -3.02	47.87 4.01 -8.69	48.82 4.09 -8.18	54.11 4.04 -12.36	57.99 4.28 -14.10	65.06 4.38 -20.86	64.77 4.96 -17.79	68.36 5.26 -18.50	85.47 5.60 -31.14	84.12 5.29 -31.21	62.54 4.74 -13.92	60.60 4.40 -15.83	52.51 3.96 -11.60	45.23 3.93 -7.99	40.61 3.31 -7.26
CANDIGU_WT_PWR 323617	30.02 0.24 0.00	27.08 0.21 0.00	27.11 0.14 0.00	24.50 0.05 0.00	24.57 0.02 0.00	25.76 0.13 0.00	27.79 0.14 0.00	30.95 0.58 0.00	33.21 0.75 0.00	36.02 0.98 0.00	36.37 1.20 0.00	37.83 1.28 0.00	39.11 1.40 0.00	40.88 1.27 0.00	41.09 1.27 0.00	42.94 0.92 0.00	45.67 1.07 0.00	49.80 1.07 0.00	48.95 1.33 0.00	45.28 1.40 0.00	41.62 1.25 0.00	38.03 1.07 0.00	34.40 1.10 0.00	30.92 0.87 0.00
CARR STREET_E_SYR 24060	29.52 -0.27 0.00	26.60 -0.27 0.00	26.68 -0.30 0.00	24.13 -0.32 0.00	24.25 -0.29 0.00	25.32 -0.31 0.00	27.29 -0.36 0.00	30.04 -0.33 0.00	32.21 -0.26 0.00	34.87 -0.17 0.00	35.11 -0.07 0.00	36.51 -0.04 0.00	37.72 0.00 0.00	39.57 -0.04 0.00	39.77 -0.04 0.00	41.77 -0.25 0.00	44.43 -0.18 0.00	48.49 -0.24 0.00	47.48 -0.14 0.00	43.79 -0.09 0.00	40.29 -0.08 0.00	36.81 -0.15 0.00	33.14 -0.17 0.00	29.81 -0.24 0.00
CARTHAGE___PAPER 23857	29.94 0.15 0.00	27.06 0.19 0.00	27.14 0.16 0.00	24.52 0.07 0.00	24.57 0.02 0.00	25.66 0.03 0.00	27.68 0.03 0.00	30.16 -0.21 0.00	32.11 -0.36 0.00	34.80 -0.24 0.00	34.79 -0.39 0.00	36.00 -0.55 0.00	37.04 -0.68 0.00	38.90 -0.71 0.00	39.65 -0.16 0.00	41.56 -0.46 0.00	44.16 -0.45 0.00	48.63 -0.10 0.00	48.10 0.48 0.00	44.49 0.61 0.00	41.14 0.77 0.00	37.43 0.48 0.00	33.71 0.40 0.00	30.41 0.36 0.00

CASSADAGA_WT_PWR 323784	30.53 0.74 0.00	27.60 0.73 0.00	27.62 0.65 0.00	24.91 0.46 0.00	24.96 0.42 0.00	26.25 0.61 0.00	28.31 0.66 0.00	31.89 1.52 0.00	34.28 1.82 0.00	37.46 2.42 0.00	37.85 2.67 0.00	39.44 2.89 0.00	40.77 3.05 0.00	42.62 3.01 0.00	42.72 2.90 0.00	44.46 2.44 0.00	47.14 2.54 0.00	51.26 2.53 0.00	50.33 2.71 0.00	46.51 2.63 0.00	42.75 2.38 0.00	38.98 2.03 0.00	35.34 2.03 0.00	31.67 1.62 0.00
CE_DUNWOOD___DRP 24194	31.81 2.03 0.00	28.51 1.64 0.00	28.70 1.73 0.00	25.99 1.54 0.00	26.01 1.47 0.00	27.17 1.54 0.00	29.42 1.77 0.00	32.35 1.97 0.00	34.84 2.37 0.00	37.63 2.59 0.00	37.57 2.39 0.00	38.96 2.41 0.00	40.13 2.41 0.00	42.26 2.65 0.00	42.56 2.75 0.00	45.17 3.15 0.00	48.04 3.43 0.00	52.29 3.56 0.00	50.81 3.19 0.00	46.73 2.85 0.00	42.79 2.42 0.00	39.21 2.25 0.00	35.57 2.26 0.00	31.88 1.83 0.00
CE_MILLWOOD___DRP 24193	31.72 1.94 0.00	28.43 1.56 0.00	28.62 1.65 0.00	25.92 1.47 0.00	25.96 1.42 0.00	27.12 1.49 0.00	29.34 1.69 0.00	32.26 1.88 0.00	34.74 2.27 0.00	37.53 2.49 0.00	37.46 2.29 0.00	38.85 2.30 0.00	40.02 2.30 0.00	42.15 2.54 0.00	42.44 2.63 0.00	45.05 3.03 0.00	47.86 3.26 0.00	52.14 3.41 0.00	50.67 3.05 0.00	46.60 2.72 0.00	42.71 2.34 0.00	39.13 2.18 0.00	35.47 2.16 0.00	31.82 1.77 0.00
CE_NYC2_DRP 24202	32.14 2.35 0.00	28.72 1.85 0.00	28.95 1.97 0.00	26.16 1.71 0.00	26.14 1.60 0.00	27.27 1.64 0.00	29.56 1.91 0.00	32.56 2.19 0.00	35.10 2.63 0.00	37.91 2.87 0.00	37.74 2.57 0.00	39.15 2.60 0.00	40.28 2.56 0.00	42.42 2.81 0.00	42.76 2.95 0.00	45.38 3.36 0.00	48.17 3.57 0.00	52.43 3.70 0.00	50.86 3.24 0.00	46.73 2.85 0.00	42.83 2.46 0.00	39.39 2.44 0.00	35.94 2.63 0.00	32.21 2.16 0.00
CE_NYC_DRP 24195	32.02 2.23 0.00	28.64 1.77 0.00	28.84 1.86 0.00	26.09 1.64 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.53 1.88 0.00	32.56 2.19 0.00	35.10 2.63 0.00	37.91 2.87 0.00	37.78 2.60 0.00	39.18 2.63 0.00	40.32 2.60 0.00	42.46 2.85 0.00	42.80 2.99 0.00	45.42 3.40 0.00	48.31 3.70 0.00	52.53 3.80 0.00	51.00 3.38 0.00	46.86 2.98 0.00	42.91 2.54 0.00	39.35 2.40 0.00	35.84 2.53 0.00	32.12 2.07 0.00
CHAFFEE___LFGE 323603	29.85 0.06 0.00	26.95 0.08 0.00	26.95 -0.03 0.00	24.30 -0.15 0.00	24.32 -0.22 0.00	25.58 -0.05 0.00	27.51 -0.14 0.00	30.89 0.52 0.00	33.18 0.71 0.00	36.23 1.19 0.00	36.62 1.44 0.00	38.12 1.57 0.00	39.49 1.77 0.00	41.27 1.66 0.00	41.44 1.63 0.00	43.19 1.17 0.00	45.81 1.20 0.00	49.85 1.12 0.00	49.00 1.38 0.00	45.37 1.49 0.00	41.78 1.41 0.00	38.10 1.15 0.00	34.64 1.33 0.00	31.04 0.99 0.00
CHATEAUG_35_KV_LOAD 355732	29.61 -0.18 0.00	26.84 -0.03 0.00	26.92 -0.05 0.00	24.42 -0.02 0.00	24.52 -0.02 0.00	25.63 0.00 0.00	27.93 0.28 0.00	30.74 0.36 0.00	32.63 0.16 0.00	35.25 0.21 0.00	35.25 0.07 0.00	36.55 0.00 0.00	37.87 0.15 0.00	39.73 0.12 0.00	40.09 0.28 0.00	42.31 0.29 0.00	44.74 0.13 0.00	48.93 0.19 0.00	48.00 0.38 0.00	44.18 0.31 0.00	40.94 0.57 0.00	37.47 0.52 0.00	33.57 0.27 0.00	30.41 0.36 0.00
CHATEAUG_WT_PWR 323614	29.61 -0.18 0.00	26.87 0.00 0.00	26.95 -0.03 0.00	24.45 0.00 0.00	24.54 0.00 0.00	25.66 0.03 0.00	27.96 0.30 0.00	30.77 0.39 0.00	32.66 0.20 0.00	35.32 0.28 0.00	35.32 0.14 0.00	36.62 0.07 0.00	37.98 0.27 0.00	39.81 0.20 0.00	40.21 0.40 0.00	42.44 0.42 0.00	44.87 0.27 0.00	49.02 0.29 0.00	48.10 0.48 0.00	44.23 0.35 0.00	40.94 0.56 0.00	37.51 0.56 0.00	33.61 0.30 0.00	30.44 0.39 0.00
CHAT_HIGH_FALL_HYD 323578	29.61 -0.18 0.00	26.84 -0.03 0.00	26.92 -0.05 0.00	24.42 -0.02 0.00	24.52 -0.02 0.00	25.63 0.00 0.00	27.93 0.28 0.00	30.74 0.37 0.00	32.63 0.16 0.00	35.25 0.21 0.00	35.25 0.07 0.00	36.55 0.00 0.00	37.87 0.15 0.00	39.73 0.12 0.00	40.09 0.28 0.00	42.32 0.30 0.00	44.74 0.13 0.00	48.93 0.20 0.00	48.00 0.38 0.00	44.18 0.31 0.00	40.94 0.56 0.00	37.47 0.52 0.00	33.57 0.27 0.00	30.41 0.36 0.00
CHAUTAUQUA___LFGE 323629	30.20 0.42 0.00	27.30 0.43 0.00	27.33 0.35 0.00	24.64 0.19 0.00	24.69 0.15 0.00	25.96 0.33 0.00	27.93 0.28 0.00	31.41 1.03 0.00	33.73 1.26 0.00	36.83 1.79 0.00	37.18 2.00 0.00	38.74 2.19 0.00	40.09 2.38 0.00	41.91 2.30 0.00	42.08 2.27 0.00	43.83 1.81 0.00	46.48 1.87 0.00	50.53 1.80 0.00	49.62 2.00 0.00	45.90 2.02 0.00	42.19 1.82 0.00	38.50 1.55 0.00	34.94 1.63 0.00	31.31 1.26 0.00
CHERRYST_13_KV_LD 356241	32.11 2.32 0.00	28.72 1.85 0.00	28.95 1.97 0.00	26.16 1.71 0.00	26.19 1.64 0.00	27.35 1.72 0.00	29.64 1.99 0.00	32.71 2.34 0.00	35.23 2.76 0.00	38.09 3.05 0.00	37.96 2.78 0.00	39.33 2.78 0.00	40.51 2.79 0.00	42.66 3.05 0.00	43.00 3.18 0.00	45.68 3.66 0.00	48.53 3.93 0.00	52.77 4.04 0.00	51.24 3.62 0.00	47.03 3.16 0.00	43.08 2.70 0.00	39.50 2.55 0.00	35.94 2.63 0.00	32.21 2.16 0.00
CHESTROR_138KV_BK263 355645	31.28 1.49 0.00	28.05 1.18 0.00	28.24 1.27 0.00	25.57 1.12 0.00	25.65 1.10 0.00	26.78 1.15 0.00	28.95 1.30 0.00	31.77 1.40 0.00	34.16 1.69 0.00	36.90 1.86 0.00	36.87 1.69 0.00	38.27 1.72 0.00	39.45 1.73 0.00	41.51 1.90 0.00	41.76 1.95 0.00	44.29 2.27 0.00	47.10 2.50 0.00	51.36 2.63 0.00	49.95 2.33 0.00	45.94 2.06 0.00	42.15 1.78 0.00	38.69 1.74 0.00	35.04 1.73 0.00	31.43 1.38 0.00
CH_MIDHUDSON___DRP 24192	31.54 1.76 0.00	28.29 1.42 0.00	28.49 1.51 0.00	25.82 1.37 0.00	25.87 1.33 0.00	27.02 1.38 0.00	29.23 1.58 0.00	31.98 1.61 0.00	34.41 1.95 0.00	37.21 2.17 0.00	37.15 1.97 0.00	38.56 2.01 0.00	39.72 2.00 0.00	41.79 2.18 0.00	42.00 2.19 0.00	44.62 2.61 0.00	47.41 2.81 0.00	51.70 2.97 0.00	50.29 2.67 0.00	46.24 2.37 0.00	42.47 2.10 0.00	38.99 2.03 0.00	35.30 2.00 0.00	31.64 1.59 0.00
CH_MISC_IPPS 23765	31.66 1.88 0.00	28.37 1.50 0.00	28.54 1.56 0.00	25.84 1.39 0.00	25.91 1.37 0.00	27.04 1.41 0.00	29.28 1.63 0.00	32.07 1.70 0.00	34.51 2.05 0.00	37.14 2.10 0.00	37.15 1.97 0.00	38.63 2.08 0.00	39.83 2.11 0.00	41.83 2.22 0.00	42.12 2.31 0.00	44.75 2.73 0.00	47.59 2.99 0.00	51.95 3.22 0.00	50.53 2.91 0.00	46.46 2.59 0.00	42.67 2.30 0.00	39.21 2.25 0.00	35.41 2.10 0.00	31.73 1.68 0.00
CH_RES_BVR_FALLS 23983	29.55 -0.24 0.00	26.71 -0.16 0.00	26.79 -0.19 0.00	24.30 -0.15 0.00	24.39 -0.15 0.00	25.43 -0.21 0.00	27.37 -0.28 0.00	30.07 -0.30 0.00	32.01 -0.45 0.00	34.58 -0.46 0.00	34.68 -0.49 0.00	36.00 -0.55 0.00	37.19 -0.53 0.00	39.06 -0.55 0.00	39.25 -0.56 0.00	41.43 -0.59 0.00	43.94 -0.67 0.00	48.05 -0.68 0.00	47.00 -0.62 0.00	43.26 -0.61 0.00	39.84 -0.53 0.00	36.47 -0.48 0.00	32.87 -0.43 0.00	29.75 -0.30 0.00

CH_RES_NIAGARA 23895	28.98 -0.80 0.00	25.93 -0.94 0.00	26.19 -0.78 0.00	23.64 -0.81 0.00	23.63 -0.91 0.00	24.61 -1.03 0.00	26.41 -1.24 0.00	29.61 -0.76 0.00	31.82 -0.65 0.00	34.72 -0.32 0.00	35.07 -0.11 0.00	36.44 -0.11 0.00	37.83 0.11 0.00	39.57 -0.04 0.00	39.65 -0.16 0.00	41.22 -0.80 0.00	43.66 -0.94 0.00	47.51 -1.22 0.00	46.71 -0.91 0.00	43.39 -0.48 0.00	40.01 -0.36 0.00	36.51 -0.44 0.00	33.31 0.00 0.00	29.84 -0.21 0.00
CH_RES_SYRACUSE 23985	29.73 -0.06 0.00	26.79 -0.08 0.00	26.87 -0.11 0.00	24.28 -0.17 0.00	24.42 -0.12 0.00	25.50 -0.13 0.00	27.54 -0.11 0.00	30.40 0.03 0.00	32.60 0.13 0.00	35.25 0.21 0.00	35.49 0.32 0.00	36.95 0.40 0.00	38.17 0.45 0.00	40.01 0.40 0.00	40.17 0.36 0.00	42.23 0.21 0.00	44.92 0.31 0.00	49.02 0.29 0.00	48.00 0.38 0.00	44.27 0.39 0.00	40.73 0.36 0.00	37.21 0.26 0.00	33.51 0.20 0.00	30.14 0.09 0.00
CLINTON_WT_PWR 323605	29.61 -0.18 0.00	26.87 0.00 0.00	26.95 -0.03 0.00	24.45 0.00 0.00	24.54 0.00 0.00	25.66 0.03 0.00	27.96 0.30 0.00	30.77 0.39 0.00	32.66 0.20 0.00	35.32 0.28 0.00	35.32 0.14 0.00	36.62 0.07 0.00	37.98 0.27 0.00	39.81 0.20 0.00	40.21 0.40 0.00	42.44 0.42 0.00	44.87 0.27 0.00	49.02 0.29 0.00	48.10 0.48 0.00	44.23 0.35 0.00	40.94 0.56 0.00	37.51 0.56 0.00	33.61 0.30 0.00	30.44 0.39 0.00
CLINTON____LFGE 323618	29.88 0.09 0.00	27.11 0.24 0.00	27.17 0.19 0.00	24.64 0.19 0.00	24.76 0.22 0.00	25.91 0.28 0.00	28.23 0.58 0.00	31.07 0.70 0.00	32.98 0.52 0.00	35.64 0.60 0.00	35.63 0.46 0.00	36.92 0.37 0.00	38.32 0.60 0.00	40.17 0.55 0.00	40.61 0.80 0.00	42.86 0.84 0.00	45.27 0.67 0.00	49.51 0.78 0.00	48.62 1.00 0.00	44.71 0.83 0.00	41.50 1.13 0.00	37.99 1.03 0.00	33.94 0.63 0.00	30.74 0.69 0.00
COBBLENY_34_KV_TB1 80064	29.88 0.09 0.00	26.92 0.05 0.00	26.95 -0.03 0.00	24.28 -0.17 0.00	24.34 -0.20 0.00	25.53 -0.10 0.00	27.48 -0.17 0.00	30.89 0.52 0.00	33.18 0.71 0.00	35.57 0.53 0.00	36.34 1.16 0.00	38.05 1.50 0.00	39.49 1.77 0.00	41.08 1.47 0.00	41.44 1.63 0.00	43.20 1.18 0.00	45.81 1.20 0.00	49.85 1.12 0.00	49.00 1.38 0.00	45.37 1.49 0.00	41.78 1.41 0.00	38.14 1.18 0.00	34.24 0.93 0.00	30.74 0.69 0.00
COFFEEN__115KV_TB3 355620	30.32 0.54 0.00	27.33 0.46 0.00	27.38 0.40 0.00	24.72 0.27 0.00	24.76 0.22 0.00	25.86 0.23 0.00	27.95 0.30 0.00	30.65 0.27 0.00	32.69 0.23 0.00	35.39 0.35 0.00	35.49 0.32 0.00	36.81 0.26 0.00	37.87 0.15 0.00	39.73 0.12 0.00	40.25 0.44 0.00	42.02 0.00 0.00	44.69 0.09 0.00	49.27 0.54 0.00	48.86 1.24 0.00	45.24 1.36 0.00	41.86 1.49 0.00	38.02 1.07 0.00	34.14 0.83 0.00	30.77 0.72 0.00
COLDSPRG_115KV_BK1 355956	30.56 0.77 0.00	27.60 0.73 0.00	27.62 0.65 0.00	24.89 0.44 0.00	25.01 0.47 0.00	26.27 0.64 0.00	28.34 0.69 0.00	31.95 1.58 0.00	34.32 1.85 0.00	36.86 1.82 0.00	37.60 2.43 0.00	39.40 2.85 0.00	40.77 3.06 0.00	42.30 2.69 0.00	42.64 2.83 0.00	44.46 2.44 0.00	47.10 2.50 0.00	51.22 2.49 0.00	50.33 2.71 0.00	46.46 2.59 0.00	42.71 2.34 0.00	38.99 2.03 0.00	34.97 1.67 0.00	31.49 1.44 0.00
COLONIE_LFGE____ 323577	31.33 1.55 0.00	28.21 1.34 0.00	28.35 1.38 0.00	25.72 1.27 0.00	25.84 1.30 0.00	26.99 1.36 0.00	29.26 1.55 -0.06	31.86 1.49 0.00	34.19 1.72 0.00	37.23 1.79 -0.40	36.90 1.72 0.00	38.38 1.83 0.00	39.49 1.77 0.00	41.51 1.90 0.00	41.56 1.75 0.00	44.12 2.10 0.00	46.79 2.19 0.00	51.07 2.34 0.00	49.81 2.19 0.00	45.90 2.02 0.00	42.39 2.02 0.00	38.91 1.96 0.00	35.00 1.70 0.00	31.37 1.32 0.00
COOPERNY_115KV_TB1 80082	30.92 1.13 0.00	27.78 0.91 0.00	27.95 0.97 0.00	25.33 0.88 0.00	25.38 0.83 0.00	26.50 0.87 0.00	28.65 1.00 0.00	31.47 1.09 0.00	33.80 1.33 0.00	36.48 1.44 0.00	36.55 1.37 0.00	37.94 1.39 0.00	39.11 1.40 0.00	41.12 1.51 0.00	41.36 1.55 0.00	43.83 1.81 0.00	46.57 1.96 0.00	50.78 2.05 0.00	49.48 1.86 0.00	45.54 1.67 0.00	41.78 1.41 0.00	38.28 1.33 0.00	34.64 1.33 0.00	31.10 1.05 0.00
COPENHAGEN_WT_PWR 323753	30.00 0.21 0.00	27.08 0.21 0.00	27.14 0.16 0.00	24.52 0.07 0.00	24.57 0.02 0.00	25.66 0.03 0.00	27.71 0.06 0.00	30.37 0.00 0.00	32.40 -0.06 0.00	35.11 0.07 0.00	35.18 0.00 0.00	36.44 -0.11 0.00	37.53 -0.19 0.00	39.37 -0.24 0.00	39.89 0.08 0.00	41.73 -0.29 0.00	44.38 -0.22 0.00	48.83 0.10 0.00	48.29 0.67 0.00	44.67 0.79 0.00	41.30 0.93 0.00	37.54 0.59 0.00	33.81 0.50 0.00	30.47 0.42 0.00
CORNELL____ 23752	30.50 0.71 0.00	27.46 0.59 0.00	27.52 0.54 0.00	24.86 0.42 0.00	25.01 0.47 0.00	26.14 0.51 0.00	28.26 0.61 0.00	31.25 0.88 0.00	33.47 1.01 0.00	36.06 1.02 0.00	36.30 1.13 0.00	37.79 1.24 0.00	39.04 1.32 0.00	40.92 1.31 0.00	41.17 1.35 0.00	43.24 1.22 0.00	46.08 1.47 0.00	50.48 1.75 0.00	49.62 2.00 0.00	45.81 1.93 0.00	42.15 1.78 0.00	38.43 1.48 0.00	34.47 1.17 0.00	31.04 0.99 0.00
CORONA_AV_69_KV_TB1 355595	43.36 2.89 -10.68	41.53 2.39 -12.27	37.65 2.40 -8.27	35.03 2.15 -8.43	34.66 2.09 -8.03	35.98 2.18 -8.17	32.41 2.41 -2.36	33.08 2.70 0.00	35.58 3.12 0.00	41.47 3.47 -2.96	46.99 3.13 -8.68	47.89 3.22 -8.12	49.87 3.24 -8.91	57.18 3.53 -14.05	63.19 3.58 -19.79	62.14 4.03 -16.09	67.46 4.37 -18.48	71.23 4.58 -17.92	61.05 4.24 -9.19	55.87 3.82 -8.18	49.79 3.35 -6.07	48.44 3.10 -8.38	44.50 3.20 -7.99	39.92 2.61 -7.26
CORTLAND_115KV_TB3 80093	30.20 0.42 0.00	27.19 0.32 0.00	27.27 0.30 0.00	24.67 0.22 0.00	24.79 0.25 0.00	25.91 0.28 0.00	27.98 0.33 0.00	30.92 0.55 0.00	33.15 0.68 0.00	35.71 0.67 0.00	35.99 0.81 0.00	37.46 0.91 0.00	38.70 0.98 0.00	40.56 0.95 0.00	40.81 1.00 0.00	42.86 0.84 0.00	45.63 1.03 0.00	49.90 1.17 0.00	48.91 1.29 0.00	45.10 1.23 0.00	41.50 1.13 0.00	37.88 0.92 0.00	34.04 0.73 0.00	30.62 0.57 0.00
COXSACKIE____GT 23611	31.57 1.79 0.00	28.43 1.56 0.00	28.51 1.54 0.00	25.79 1.34 0.00	25.96 1.42 0.00	27.12 1.49 0.00	29.51 1.88 0.02	31.77 1.40 0.00	34.12 1.65 0.00	36.95 2.03 0.12	36.72 1.55 0.00	38.23 1.68 0.00	39.42 1.70 0.00	41.20 1.59 0.00	41.29 1.47 0.00	43.87 1.85 0.00	46.66 2.05 0.00	51.31 2.58 0.00	49.95 2.33 0.00	46.24 2.37 0.00	42.71 2.34 0.00	39.65 2.70 0.00	35.47 2.16 0.00	31.61 1.56 0.00
CPV_VALLEY____CC1 323721	31.07 1.28 0.00	27.89 1.02 0.00	28.06 1.08 0.00	25.43 0.98 0.00	25.47 0.93 0.00	26.60 0.97 0.00	28.78 1.13 0.00	31.59 1.22 0.00	33.96 1.49 0.00	36.55 1.51 0.00	36.59 1.41 0.00	38.05 1.50 0.00	39.23 1.51 0.00	41.24 1.62 0.00	41.52 1.71 0.00	44.04 2.02 0.00	46.79 2.19 0.00	51.02 2.29 0.00	49.67 2.05 0.00	45.68 1.80 0.00	41.90 1.53 0.00	38.43 1.48 0.00	34.74 1.43 0.00	31.16 1.11 0.00

CPV_VALLEY___CC2 323722	31.07 1.28 0.00	27.89 1.02 0.00	28.06 1.08 0.00	25.43 0.98 0.00	25.47 0.93 0.00	26.60 0.97 0.00	28.78 1.13 0.00	31.59 1.22 0.00	33.96 1.49 0.00	36.55 1.51 0.00	36.59 1.41 0.00	38.05 1.50 0.00	39.23 1.51 0.00	41.24 1.62 0.00	41.52 1.71 0.00	44.04 2.02 0.00	46.79 2.19 0.00	51.02 2.29 0.00	49.67 2.05 0.00	45.68 1.80 0.00	41.90 1.53 0.00	38.43 1.48 0.00	34.74 1.43 0.00	31.16 1.11 0.00
CRESCENT___HYD 24018	31.33 1.55 0.00	28.21 1.34 0.00	28.35 1.38 0.00	25.72 1.27 0.00	25.84 1.30 0.00	26.99 1.36 0.00	29.26 1.55 -0.06	31.86 1.49 0.00	34.19 1.72 0.00	37.23 1.79 -0.40	36.90 1.72 0.00	38.38 1.83 0.00	39.49 1.77 0.00	41.51 1.90 0.00	41.56 1.75 0.00	44.12 2.10 0.00	46.79 2.19 0.00	51.07 2.34 0.00	49.81 2.19 0.00	45.90 2.02 0.00	42.39 2.02 0.00	38.91 1.96 0.00	35.00 1.70 0.00	31.37 1.32 0.00
CRICKET___VALLEY_CC1 323756	31.25 1.46 0.00	28.08 1.21 0.00	28.35 1.38 0.00	25.70 1.25 0.00	25.77 1.23 0.00	26.91 1.28 0.00	29.06 1.41 0.00	31.71 1.33 0.00	34.09 1.62 0.00	36.65 1.61 0.00	36.69 1.51 0.00	38.16 1.61 0.00	39.30 1.58 0.00	41.35 1.74 0.00	41.52 1.71 0.00	44.16 2.14 0.00	46.83 2.23 0.00	51.02 2.29 0.00	49.67 2.05 0.00	45.68 1.80 0.00	41.99 1.62 0.00	38.50 1.55 0.00	34.81 1.50 0.00	31.25 1.20 0.00
CRICKET___VALLEY_CC2 323757	31.25 1.46 0.00	28.08 1.21 0.00	28.35 1.38 0.00	25.70 1.25 0.00	25.77 1.23 0.00	26.91 1.28 0.00	29.06 1.41 0.00	31.71 1.33 0.00	34.09 1.62 0.00	36.65 1.61 0.00	36.69 1.51 0.00	38.16 1.61 0.00	39.30 1.58 0.00	41.35 1.74 0.00	41.52 1.71 0.00	44.16 2.14 0.00	46.83 2.23 0.00	51.02 2.29 0.00	49.67 2.05 0.00	45.68 1.80 0.00	41.99 1.62 0.00	38.50 1.55 0.00	34.81 1.50 0.00	31.25 1.20 0.00
CRICKET___VALLEY_CC3 323758	31.25 1.46 0.00	28.08 1.21 0.00	28.35 1.38 0.00	25.70 1.25 0.00	25.77 1.23 0.00	26.91 1.28 0.00	29.06 1.41 0.00	31.71 1.33 0.00	34.09 1.62 0.00	36.65 1.61 0.00	36.69 1.51 0.00	38.16 1.61 0.00	39.30 1.58 0.00	41.35 1.74 0.00	41.52 1.71 0.00	44.16 2.14 0.00	46.83 2.23 0.00	51.02 2.29 0.00	49.67 2.05 0.00	45.68 1.80 0.00	41.99 1.62 0.00	38.50 1.55 0.00	34.81 1.50 0.00	31.25 1.20 0.00
CRUCIBLE_METL_DRP 24180	29.73 -0.06 0.00	26.79 -0.08 0.00	26.84 -0.13 0.00	24.28 -0.17 0.00	24.42 -0.12 0.00	25.50 -0.13 0.00	27.54 -0.11 0.00	30.40 0.03 0.00	32.60 0.13 0.00	35.15 0.11 0.00	35.46 0.28 0.00	36.92 0.37 0.00	38.17 0.45 0.00	39.97 0.36 0.00	40.17 0.36 0.00	42.23 0.21 0.00	44.92 0.31 0.00	49.02 0.29 0.00	48.00 0.38 0.00	44.27 0.39 0.00	40.73 0.36 0.00	37.21 0.26 0.00	33.44 0.13 0.00	30.11 0.06 0.00
DAHOWA___HYDRO 323763	31.66 1.88 0.00	28.54 1.67 0.00	28.68 1.70 0.00	25.97 1.52 0.00	26.16 1.62 0.00	27.30 1.67 0.00	29.65 1.96 -0.03	32.35 1.97 0.00	34.71 2.24 0.00	37.59 2.35 -0.21	37.46 2.29 0.00	38.92 2.37 0.00	39.87 2.15 0.00	41.95 2.34 0.00	41.96 2.15 0.00	44.41 2.39 0.00	47.14 2.54 0.00	51.56 2.83 0.00	50.43 2.81 0.00	46.55 2.68 0.00	43.28 2.91 0.00	39.69 2.73 0.00	35.54 2.23 0.00	31.73 1.68 0.00
DANC___LFGE 323619	29.70 -0.09 0.00	26.82 -0.05 0.00	26.87 -0.11 0.00	24.30 -0.15 0.00	24.37 -0.17 0.00	25.45 -0.18 0.00	27.49 -0.16 0.00	30.19 -0.18 0.00	32.24 -0.23 0.00	34.90 -0.14 0.00	35.04 -0.14 0.00	36.33 -0.22 0.00	37.45 -0.26 0.00	39.29 -0.32 0.00	39.61 -0.20 0.00	41.52 -0.50 0.00	44.16 -0.45 0.00	48.44 -0.29 0.00	47.72 0.10 0.00	44.14 0.26 0.00	40.73 0.36 0.00	37.18 0.22 0.00	33.44 0.13 0.00	30.17 0.12 0.00
DANSKAMMER___1 23586	31.66 1.88 0.00	28.37 1.50 0.00	28.54 1.56 0.00	25.84 1.39 0.00	25.91 1.37 0.00	27.04 1.41 0.00	29.28 1.63 0.00	32.07 1.70 0.00	34.51 2.05 0.00	37.14 2.10 0.00	37.15 1.97 0.00	38.63 2.08 0.00	39.83 2.11 0.00	41.83 2.22 0.00	42.12 2.31 0.00	44.75 2.73 0.00	47.59 2.99 0.00	51.95 3.22 0.00	50.53 2.91 0.00	46.46 2.59 0.00	42.67 2.30 0.00	39.21 2.25 0.00	35.41 2.10 0.00	31.73 1.68 0.00
DANSKAMMER___2 23589	31.66 1.88 0.00	28.37 1.50 0.00	28.54 1.56 0.00	25.84 1.39 0.00	25.91 1.37 0.00	27.04 1.41 0.00	29.28 1.63 0.00	32.07 1.70 0.00	34.51 2.05 0.00	37.14 2.10 0.00	37.15 1.97 0.00	38.63 2.08 0.00	39.83 2.11 0.00	41.83 2.22 0.00	42.12 2.31 0.00	44.75 2.73 0.00	47.59 2.99 0.00	51.95 3.22 0.00	50.53 2.91 0.00	46.46 2.59 0.00	42.67 2.30 0.00	39.21 2.25 0.00	35.41 2.10 0.00	31.73 1.68 0.00
DANSKAMMER___3 23590	31.66 1.88 0.00	28.37 1.50 0.00	28.54 1.56 0.00	25.84 1.39 0.00	25.91 1.37 0.00	27.04 1.41 0.00	29.28 1.63 0.00	32.07 1.70 0.00	34.51 2.05 0.00	37.14 2.10 0.00	37.15 1.97 0.00	38.63 2.08 0.00	39.83 2.11 0.00	41.83 2.22 0.00	42.12 2.31 0.00	44.75 2.73 0.00	47.59 2.99 0.00	51.95 3.22 0.00	50.53 2.91 0.00	46.46 2.59 0.00	42.67 2.30 0.00	39.21 2.25 0.00	35.41 2.10 0.00	31.73 1.68 0.00
DANSKAMMER___4 23591	31.66 1.88 0.00	28.37 1.50 0.00	28.54 1.56 0.00	25.84 1.39 0.00	25.91 1.37 0.00	27.04 1.41 0.00	29.28 1.63 0.00	32.07 1.70 0.00	34.51 2.05 0.00	37.14 2.10 0.00	37.15 1.97 0.00	38.63 2.08 0.00	39.83 2.11 0.00	41.83 2.22 0.00	42.12 2.31 0.00	44.75 2.73 0.00	47.59 2.99 0.00	51.95 3.22 0.00	50.53 2.91 0.00	46.46 2.59 0.00	42.67 2.30 0.00	39.21 2.25 0.00	35.41 2.10 0.00	31.73 1.68 0.00
DANSKAMMER___DIESEL 23592	31.66 1.88 0.00	28.38 1.50 0.00	28.54 1.56 0.00	25.87 1.42 0.00	25.92 1.37 0.00	27.07 1.44 0.00	29.28 1.63 0.00	32.07 1.70 0.00	34.51 2.05 0.00	37.32 2.28 0.00	37.25 2.08 0.00	38.63 2.08 0.00	39.83 2.11 0.00	41.87 2.26 0.00	42.12 2.31 0.00	44.75 2.73 0.00	47.59 2.99 0.00	51.95 3.22 0.00	50.52 2.90 0.00	46.46 2.59 0.00	42.67 2.30 0.00	39.21 2.25 0.00	35.47 2.16 0.00	31.76 1.71 0.00
DARBY___SOLAR 323810	31.63 1.85 0.00	28.51 1.64 0.00	28.65 1.67 0.00	25.94 1.49 0.00	26.14 1.59 0.00	27.25 1.62 0.00	29.59 1.91 -0.04	32.29 1.91 0.00	34.64 2.18 0.00	37.55 2.28 -0.23	37.43 2.25 0.00	38.89 2.34 0.00	39.87 2.15 0.00	41.91 2.30 0.00	41.96 2.15 0.00	44.41 2.39 0.00	47.14 2.54 0.00	51.51 2.78 0.00	50.33 2.71 0.00	46.46 2.59 0.00	43.12 2.75 0.00	39.58 2.62 0.00	35.44 2.13 0.00	31.70 1.65 0.00
DASHVILLE___HYD 23610	31.19 1.40 0.00	27.89 1.02 0.00	28.08 1.11 0.00	25.48 1.03 0.00	25.50 0.96 0.00	26.61 0.97 0.00	29.11 1.47 0.00	31.53 1.15 0.00	33.90 1.43 0.00	37.11 2.10 0.03	36.55 1.37 0.00	37.94 1.39 0.00	39.07 1.36 0.00	41.12 1.51 0.00	41.40 1.59 0.00	43.99 1.97 0.00	46.79 2.19 0.00	51.02 2.29 0.00	49.62 2.00 0.00	45.63 1.76 0.00	41.82 1.45 0.00	38.50 1.55 0.00	34.90 1.60 0.00	31.28 1.23 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	45.26 4.74 -10.74	43.21 4.06 -12.28	39.39 4.13 -8.28	36.49 3.62 -8.43	36.13 3.56 -8.03	37.55 3.74 -8.17	34.37 4.34 -2.37	35.23 4.80 -0.06	38.08 5.55 -0.06	44.16 6.10 -3.02	49.63 5.77 -8.69	50.61 5.88 -8.18	56.04 5.96 -12.37	60.05 6.34 -14.10	67.13 6.45 -20.87	66.96 7.14 -17.80	70.64 7.54 -18.50	82.74 8.04 -25.97	86.51 7.62 -31.27	64.57 6.76 -13.93	62.36 6.14 -15.86	54.03 5.47 -11.61	46.50 5.20 -7.99	41.66 4.36 -7.26
DELAWARE___LFGE 323621	30.89 1.10 0.00	27.84 0.97 0.00	27.97 1.00 0.00	25.35 0.90 0.00	25.42 0.88 0.00	26.58 0.95 0.00	28.70 1.05 0.00	31.56 1.18 0.00	33.86 1.40 0.00	36.58 1.54 0.00	36.72 1.55 0.00	38.16 1.61 0.00	39.30 1.58 0.00	41.31 1.70 0.00	41.48 1.67 0.00	43.78 1.76 0.00	46.52 1.92 0.00	50.83 2.10 0.00	49.67 2.05 0.00	45.76 1.89 0.00	42.11 1.74 0.00	38.47 1.52 0.00	34.67 1.37 0.00	31.16 1.11 0.00
DERFIELD_115KV_TB7 355931	29.85 0.06 0.00	26.92 0.05 0.00	27.03 0.05 0.00	24.50 0.05 0.00	24.59 0.05 0.00	25.68 0.05 0.00	27.73 0.08 0.00	30.43 0.06 0.00	32.56 0.10 0.00	35.15 0.11 0.00	35.28 0.11 0.00	36.66 0.11 0.00	37.83 0.11 0.00	39.73 0.12 0.00	39.97 0.16 0.00	42.19 0.17 0.00	44.78 0.18 0.00	48.93 0.19 0.00	47.81 0.19 0.00	44.05 0.18 0.00	40.53 0.16 0.00	37.06 0.11 0.00	33.41 0.10 0.00	30.11 0.06 0.00
DOGLEVILLE___HYD 23807	29.82 0.03 0.00	26.76 -0.11 0.00	26.87 -0.11 0.00	24.35 -0.10 0.00	24.44 -0.10 0.00	25.53 -0.10 0.00	27.73 0.08 0.00	30.43 0.06 0.00	32.60 0.13 0.00	35.18 0.14 0.00	35.35 0.18 0.00	36.66 0.11 0.00	37.79 0.08 0.00	39.69 0.08 0.00	39.77 -0.04 0.00	41.89 -0.13 0.00	44.47 -0.13 0.00	48.58 -0.15 0.00	47.57 -0.05 0.00	43.83 -0.04 0.00	40.33 -0.04 0.00	36.88 -0.07 0.00	33.27 -0.03 0.00	29.99 -0.06 0.00
DUNKIRK___115KV_TB_200 55889	30.14 0.36 0.00	27.25 0.38 0.00	27.27 0.30 0.00	24.57 0.12 0.00	24.64 0.10 0.00	25.86 0.23 0.00	27.84 0.19 0.00	31.28 0.91 0.00	33.64 1.17 0.00	36.06 1.02 0.00	36.79 1.62 0.00	38.52 1.97 0.00	39.98 2.26 0.00	41.59 1.98 0.00	41.96 2.15 0.00	43.70 1.68 0.00	46.34 1.74 0.00	50.39 1.66 0.00	49.48 1.86 0.00	45.76 1.89 0.00	42.11 1.74 0.00	38.39 1.44 0.00	34.51 1.20 0.00	30.98 0.93 0.00
DUNKIRK___1 23563	30.14 0.36 0.00	27.25 0.38 0.00	27.27 0.30 0.00	24.57 0.12 0.00	24.64 0.10 0.00	25.86 0.23 0.00	27.84 0.19 0.00	31.28 0.91 0.00	33.64 1.17 0.00	36.06 1.02 0.00	36.79 1.62 0.00	38.52 1.97 0.00	39.98 2.26 0.00	41.59 1.98 0.00	41.96 2.15 0.00	43.70 1.68 0.00	46.34 1.74 0.00	50.39 1.66 0.00	49.48 1.86 0.00	45.76 1.89 0.00	42.11 1.74 0.00	38.39 1.44 0.00	34.51 1.20 0.00	30.98 0.93 0.00
DUNKIRK___2 23564	30.14 0.36 0.00	27.25 0.38 0.00	27.27 0.30 0.00	24.57 0.12 0.00	24.64 0.10 0.00	25.86 0.23 0.00	27.84 0.19 0.00	31.28 0.91 0.00	33.64 1.17 0.00	36.06 1.02 0.00	36.79 1.62 0.00	38.52 1.97 0.00	39.98 2.26 0.00	41.59 1.98 0.00	41.96 2.15 0.00	43.70 1.68 0.00	46.34 1.74 0.00	50.39 1.66 0.00	49.48 1.86 0.00	45.76 1.89 0.00	42.11 1.74 0.00	38.39 1.44 0.00	34.51 1.20 0.00	30.98 0.93 0.00
DUNKIRK___3 23565	29.94 0.15 0.00	27.03 0.16 0.00	27.08 0.11 0.00	24.40 -0.05 0.00	24.47 -0.07 0.00	25.66 0.03 0.00	27.60 -0.06 0.00	31.01 0.64 0.00	33.31 0.84 0.00	35.71 0.67 0.00	36.44 1.27 0.00	38.16 1.61 0.00	39.57 1.85 0.00	41.16 1.54 0.00	41.52 1.71 0.00	43.28 1.26 0.00	45.90 1.29 0.00	49.95 1.22 0.00	49.05 1.43 0.00	45.37 1.49 0.00	41.74 1.37 0.00	38.10 1.15 0.00	34.24 0.93 0.00	30.77 0.72 0.00
DUNKIRK___4 23566	29.94 0.15 0.00	27.03 0.16 0.00	27.08 0.11 0.00	24.40 -0.05 0.00	24.47 -0.07 0.00	25.66 0.03 0.00	27.60 -0.06 0.00	31.01 0.64 0.00	33.31 0.84 0.00	35.71 0.67 0.00	36.44 1.27 0.00	38.16 1.61 0.00	39.57 1.85 0.00	41.16 1.54 0.00	41.52 1.71 0.00	43.28 1.26 0.00	45.90 1.29 0.00	49.95 1.22 0.00	49.05 1.43 0.00	45.37 1.49 0.00	41.74 1.37 0.00	38.10 1.15 0.00	34.24 0.93 0.00	30.77 0.72 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.90 2.11 0.00	28.56 1.69 0.00	28.76 1.78 0.00	26.04 1.59 0.00	26.06 1.52 0.00	27.25 1.61 0.00	29.48 1.82 0.00	32.44 2.07 0.00	34.93 2.47 0.00	37.74 2.70 0.00	37.67 2.50 0.00	39.07 2.52 0.00	40.24 2.53 0.00	42.38 2.77 0.00	42.68 2.87 0.00	45.30 3.28 0.00	48.17 3.57 0.00	52.43 3.70 0.00	50.95 3.33 0.00	46.82 2.94 0.00	42.91 2.54 0.00	39.32 2.36 0.00	35.67 2.36 0.00	31.97 1.92 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.42 1.64 0.00	28.19 1.32 0.00	28.35 1.38 0.00	25.70 1.25 0.00	25.74 1.20 0.00	26.89 1.26 0.00	29.09 1.44 0.00	31.89 1.52 0.00	34.29 1.82 0.00	37.07 2.03 0.00	37.01 1.83 0.00	38.41 1.86 0.00	39.57 1.85 0.00	41.67 2.06 0.00	41.92 2.11 0.00	44.50 2.48 0.00	47.28 2.68 0.00	51.61 2.88 0.00	50.19 2.57 0.00	46.16 2.28 0.00	42.35 1.98 0.00	38.91 1.96 0.00	35.24 1.93 0.00	31.55 1.50 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.24 2.44 -0.01	28.84 1.96 -0.01	29.03 2.05 -0.01	26.24 1.78 -0.01	26.24 1.69 -0.01	27.32 1.69 0.00	29.56 1.91 0.00	32.44 2.07 0.00	34.93 2.47 0.00	37.81 2.77 0.00	37.60 2.43 0.00	39.04 2.49 0.00	40.17 2.45 0.00	42.34 2.73 0.00	42.72 2.91 0.00	45.42 3.40 0.00	48.27 3.66 -0.01	52.49 3.75 -0.01	50.95 3.33 0.00	46.78 2.90 -0.01	42.79 2.42 0.00	39.39 2.44 0.00	36.04 2.73 0.00	32.31 2.25 -0.01
E179THST_13_KV_LOAD 356214	32.42 2.62 -0.01	28.97 2.10 -0.01	29.17 2.19 -0.01	26.36 1.91 -0.01	26.34 1.79 -0.01	27.45 1.82 0.00	29.72 2.07 0.00	32.62 2.25 0.00	35.13 2.66 0.00	38.02 2.98 0.00	37.85 2.67 0.00	39.25 2.70 0.00	40.43 2.72 0.00	42.62 3.01 0.00	43.00 3.18 0.00	45.76 3.74 0.00	48.58 3.97 -0.01	52.88 4.14 -0.01	51.29 3.67 0.00	47.13 3.25 -0.01	43.08 2.70 0.00	39.61 2.66 0.00	36.24 2.93 0.00	32.52 2.46 -0.01
EAST HAMPTON___GT 23717	45.88 5.36 -10.74	43.72 4.57 -12.28	39.90 4.64 -8.28	36.93 4.06 -8.43	36.59 4.02 -8.03	38.01 4.20 -8.17	34.86 4.84 -2.37	35.87 5.44 -0.06	38.82 6.30 -0.06	44.86 6.80 -3.02	50.44 6.58 -8.69	51.52 6.80 -8.18	57.02 6.94 -12.37	61.04 7.33 -14.10	68.13 7.44 -20.87	68.05 8.24 -17.80	71.75 8.65 -18.50	89.22 9.31 -31.18	87.71 8.81 -31.28	65.66 7.85 -13.93	63.25 7.02 -15.86	54.84 6.28 -11.61	47.10 5.79 -7.99	42.21 4.90 -7.26
EAST RIVER___6 23660	31.87 2.08 0.00	28.59 1.72 0.00	28.76 1.78 0.00	26.02 1.57 0.00	26.04 1.50 0.00	27.17 1.54 0.00	29.37 1.71 0.00	32.44 2.07 0.00	34.93 2.47 0.00	37.53 2.49 0.00	37.50 2.32 0.00	38.96 2.41 0.00	40.13 2.42 0.00	42.22 2.61 0.00	42.64 2.83 0.00	45.30 3.28 0.00	48.17 3.57 0.00	52.39 3.66 0.00	50.81 3.19 0.00	46.64 2.77 0.00	42.71 2.34 0.00	39.17 2.22 0.00	35.57 2.27 0.00	31.91 1.86 0.00

EAST_RIVER___7 23524	31.87 2.08 0.00	28.59 1.72 0.00	28.76 1.78 0.00	26.02 1.57 0.00	26.04 1.50 0.00	27.17 1.54 0.00	29.37 1.71 0.00	32.44 2.07 0.00	34.93 2.47 0.00	37.53 2.49 0.00	37.50 2.32 0.00	38.96 2.41 0.00	40.13 2.42 0.00	42.22 2.61 0.00	42.64 2.83 0.00	45.30 3.28 0.00	48.17 3.57 0.00	52.39 3.66 0.00	50.81 3.19 0.00	46.64 2.77 0.00	42.71 2.34 0.00	39.17 2.22 0.00	35.57 2.27 0.00	31.91 1.86 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.81 2.03 0.00	28.51 1.64 0.00	28.70 1.73 0.00	25.99 1.54 0.00	26.01 1.47 0.00	27.17 1.54 0.00	29.42 1.77 0.00	32.35 1.97 0.00	34.84 2.37 0.00	37.63 2.59 0.00	37.57 2.39 0.00	38.96 2.41 0.00	40.13 2.41 0.00	42.26 2.65 0.00	42.56 2.75 0.00	45.17 3.15 0.00	48.04 3.43 0.00	52.29 3.56 0.00	50.81 3.19 0.00	46.73 2.85 0.00	42.79 2.42 0.00	39.21 2.25 0.00	35.57 2.26 0.00	31.88 1.83 0.00
EAST_HAMPTON___DIESEL 23722	45.88 5.36 -10.74	43.75 4.59 -12.28	39.90 4.64 -8.28	36.96 4.08 -8.43	36.59 4.02 -8.03	38.01 4.20 -8.17	34.89 4.87 -2.37	35.90 5.47 -0.06	38.82 6.30 -0.06	44.90 6.83 -3.02	50.48 6.61 -8.69	51.56 6.83 -8.18	57.06 6.98 -12.37	61.04 7.33 -14.10	68.17 7.48 -20.87	68.10 8.28 -17.80	71.80 8.70 -18.50	89.27 9.36 -31.18	87.75 8.86 -31.28	65.70 7.90 -13.93	63.29 7.06 -15.86	54.88 6.32 -11.61	47.10 5.79 -7.99	42.21 4.90 -7.26
EAST_PULASKI___ESR 323781	29.46 -0.33 0.00	26.55 -0.32 0.00	26.63 -0.35 0.00	24.08 -0.37 0.00	24.20 -0.34 0.00	25.27 -0.36 0.00	27.29 -0.36 0.00	30.04 -0.33 0.00	32.04 -0.42 0.00	34.58 -0.46 0.00	34.83 -0.35 0.00	36.22 -0.33 0.00	37.38 -0.34 0.00	39.14 -0.48 0.00	39.33 -0.48 0.00	41.31 -0.71 0.00	43.93 -0.67 0.00	48.10 -0.63 0.00	47.24 -0.38 0.00	43.61 -0.26 0.00	40.17 -0.20 0.00	36.73 -0.22 0.00	33.04 -0.27 0.00	29.87 -0.18 0.00
EAST_RIVER___1 323558	32.02 2.24 0.00	28.64 1.77 0.00	28.84 1.86 0.00	26.09 1.64 0.00	26.11 1.57 0.00	27.25 1.62 0.00	29.53 1.88 0.00	32.56 2.19 0.00	35.10 2.63 0.00	37.67 2.63 0.00	37.67 2.50 0.00	39.15 2.60 0.00	40.32 2.60 0.00	42.42 2.81 0.00	42.80 2.99 0.00	45.47 3.45 0.00	48.30 3.70 0.00	52.53 3.80 0.00	51.00 3.38 0.00	46.86 2.99 0.00	42.92 2.54 0.00	39.35 2.40 0.00	35.74 2.43 0.00	32.06 2.01 0.00
EAST_RIVER___2 323559	31.87 2.08 0.00	28.59 1.72 0.00	28.76 1.78 0.00	26.02 1.57 0.00	26.04 1.50 0.00	27.17 1.54 0.00	29.37 1.71 0.00	32.44 2.07 0.00	34.93 2.47 0.00	37.53 2.49 0.00	37.50 2.32 0.00	38.96 2.41 0.00	40.13 2.42 0.00	42.22 2.61 0.00	42.64 2.83 0.00	45.30 3.28 0.00	48.17 3.57 0.00	52.39 3.66 0.00	50.81 3.19 0.00	46.64 2.77 0.00	42.71 2.34 0.00	39.17 2.22 0.00	35.57 2.27 0.00	31.91 1.86 0.00
EAST___DELAWARE_HYD 23607	31.60 1.82 0.00	28.21 1.34 0.00	28.38 1.40 0.00	25.70 1.25 0.00	25.74 1.20 0.00	26.86 1.23 0.00	29.14 1.49 0.00	31.92 1.55 0.00	34.38 1.92 0.00	37.00 1.96 0.00	37.04 1.86 0.00	38.49 1.94 0.00	39.68 1.96 0.00	41.71 2.10 0.00	42.04 2.23 0.00	44.58 2.56 0.00	47.46 2.86 0.00	51.85 3.12 0.00	50.53 2.91 0.00	46.51 2.63 0.00	42.63 2.26 0.00	39.21 2.25 0.00	35.41 2.10 0.00	31.73 1.68 0.00
EIGHT_POINT___WT_PWR 323820	30.50 0.71 0.00	27.46 0.59 0.00	27.49 0.51 0.00	24.79 0.34 0.00	24.88 0.34 0.00	26.12 0.49 0.00	28.20 0.55 0.00	31.50 1.12 0.00	33.73 1.26 0.00	36.62 1.58 0.00	36.97 1.79 0.00	38.45 1.90 0.00	39.71 2.00 0.00	41.47 1.86 0.00	41.68 1.87 0.00	43.49 1.47 0.00	46.34 1.74 0.00	50.58 1.85 0.00	49.81 2.19 0.00	46.07 2.19 0.00	42.39 2.02 0.00	38.65 1.70 0.00	34.97 1.66 0.00	31.46 1.41 0.00
ELBRIDGE_115KV_TB2 80188	29.61 -0.18 0.00	26.74 -0.13 0.00	26.79 -0.19 0.00	24.23 -0.22 0.00	24.34 -0.20 0.00	25.45 -0.18 0.00	27.46 -0.19 0.00	30.31 -0.06 0.00	32.50 0.03 0.00	35.04 0.00 0.00	35.32 0.14 0.00	36.81 0.26 0.00	38.02 0.30 0.00	39.81 0.20 0.00	40.05 0.24 0.00	42.06 0.04 0.00	44.74 0.13 0.00	48.88 0.15 0.00	47.86 0.24 0.00	44.14 0.26 0.00	40.61 0.24 0.00	37.10 0.15 0.00	33.34 0.03 0.00	30.02 -0.03 0.00
ELEC_TRO_TEK 24086	43.03 2.56 -10.68	41.27 2.12 -12.27	37.44 2.19 -8.27	34.83 1.96 -8.43	34.48 1.91 -8.03	35.80 2.00 -8.17	32.25 2.24 -2.36	32.89 2.52 0.00	35.39 2.92 0.00	41.23 3.22 -2.96	46.78 2.92 -8.68	47.63 2.96 -8.12	49.57 2.94 -8.91	56.87 3.21 -14.05	62.87 3.26 -19.79	61.85 3.74 -16.09	67.10 4.01 -18.48	70.84 4.19 -17.92	60.67 3.86 -9.19	55.52 3.47 -8.18	49.47 3.03 -6.07	48.14 2.81 -8.38	44.23 2.93 -7.99	39.71 2.40 -7.26
ELLENBURG_WT_PWR 323604	29.61 -0.18 0.00	26.87 0.00 0.00	26.95 -0.03 0.00	24.45 0.00 0.00	24.54 0.00 0.00	25.66 0.03 0.00	27.96 0.30 0.00	30.77 0.39 0.00	32.66 0.20 0.00	35.32 0.28 0.00	35.32 0.14 0.00	36.62 0.07 0.00	37.98 0.27 0.00	39.81 0.20 0.00	40.21 0.40 0.00	42.44 0.42 0.00	44.87 0.27 0.00	49.02 0.29 0.00	48.10 0.48 0.00	44.23 0.35 0.00	40.94 0.56 0.00	37.51 0.56 0.00	33.61 0.30 0.00	30.44 0.39 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.58 -0.21 0.00	26.68 -0.19 0.00	26.73 -0.24 0.00	24.08 -0.37 0.00	24.12 -0.42 0.00	25.32 -0.31 0.00	27.18 -0.47 0.00	30.52 0.15 0.00	32.82 0.36 0.00	35.11 0.07 0.00	35.88 0.70 0.00	37.57 1.02 0.00	39.00 1.28 0.00	40.56 0.95 0.00	40.93 1.11 0.00	42.61 0.59 0.00	45.18 0.58 0.00	49.17 0.44 0.00	48.29 0.67 0.00	44.80 0.92 0.00	41.26 0.89 0.00	37.62 0.67 0.00	33.84 0.53 0.00	30.41 0.36 0.00
EMPIRE_CC_1 323656	30.86 1.07 0.00	27.78 0.91 0.00	27.95 0.97 0.00	25.35 0.91 0.00	25.47 0.93 0.00	26.60 0.97 0.00	28.69 1.08 0.04	31.25 0.88 0.00	33.60 1.14 0.00	35.78 1.02 0.28	36.20 1.02 0.00	37.57 1.02 0.00	38.81 1.09 0.00	40.76 1.15 0.00	40.77 0.95 0.00	43.28 1.26 0.00	45.90 1.29 0.00	50.09 1.36 0.00	48.81 1.19 0.00	44.93 1.05 0.00	41.42 1.05 0.00	38.14 1.18 0.00	34.37 1.07 0.00	30.89 0.84 0.00
EMPIRE_CC_2 323658	30.86 1.07 0.00	27.78 0.91 0.00	27.95 0.97 0.00	25.35 0.91 0.00	25.47 0.93 0.00	26.60 0.97 0.00	28.69 1.08 0.04	31.25 0.88 0.00	33.60 1.14 0.00	35.78 1.02 0.28	36.20 1.02 0.00	37.57 1.02 0.00	38.81 1.09 0.00	40.76 1.15 0.00	40.77 0.95 0.00	43.28 1.26 0.00	45.90 1.29 0.00	50.09 1.36 0.00	48.81 1.19 0.00	44.93 1.05 0.00	41.42 1.05 0.00	38.14 1.18 0.00	34.37 1.07 0.00	30.89 0.84 0.00
ENORWICH_115KV_TB1 80156	32.14 2.35 0.00	28.83 1.96 0.00	28.89 1.92 0.00	26.04 1.59 0.00	26.16 1.62 0.00	27.32 1.69 0.00	29.72 2.07 0.00	32.95 2.58 0.00	35.32 2.86 0.00	38.02 2.98 0.00	38.31 3.13 0.00	39.73 3.18 0.00	40.89 3.17 0.00	42.90 3.29 0.00	43.08 3.26 0.00	45.09 3.07 0.00	48.08 3.48 0.00	52.87 4.14 0.00	52.33 4.71 0.00	48.44 4.56 0.00	44.73 4.36 0.00	40.50 3.55 0.00	36.27 2.96 0.00	32.60 2.55 0.00

ERIE_ST__34_KV_TB1-2 80199	29.82 0.03 0.00	26.87 0.00 0.00	26.92 -0.05 0.00	24.23 -0.22 0.00	24.32 -0.22 0.00	25.50 -0.13 0.00	27.43 -0.22 0.00	30.86 0.49 0.00	33.18 0.71 0.00	35.57 0.53 0.00	36.30 1.13 0.00	38.05 1.50 0.00	39.45 1.73 0.00	41.08 1.47 0.00	41.44 1.63 0.00	43.24 1.22 0.00	45.85 1.25 0.00	49.85 1.12 0.00	49.00 1.38 0.00	45.32 1.45 0.00	41.70 1.33 0.00	38.06 1.11 0.00	34.17 0.87 0.00	30.71 0.66 0.00
ERIE_WT_PWR 323693	29.76 -0.03 0.00	26.87 0.00 0.00	26.87 -0.11 0.00	24.23 -0.22 0.00	24.25 -0.29 0.00	25.48 -0.15 0.00	27.40 -0.25 0.00	30.77 0.39 0.00	33.05 0.59 0.00	36.06 1.02 0.00	36.44 1.26 0.00	37.90 1.35 0.00	39.26 1.55 0.00	41.08 1.47 0.00	41.24 1.43 0.00	42.90 0.88 0.00	45.54 0.94 0.00	49.56 0.83 0.00	48.67 1.05 0.00	45.10 1.23 0.00	41.54 1.17 0.00	37.91 0.96 0.00	34.47 1.17 0.00	30.92 0.87 0.00
ESPRGFLD_115KV_TB1 80157	31.78 2.00 0.00	28.70 1.83 0.00	28.81 1.83 0.00	26.06 1.61 0.00	26.19 1.64 0.00	27.40 1.77 0.00	29.67 2.02 0.00	32.68 2.31 0.00	35.00 2.53 0.00	37.74 2.70 0.00	37.96 2.78 0.00	39.40 2.85 0.00	40.55 2.83 0.00	42.62 3.01 0.00	42.68 2.87 0.00	44.92 2.90 0.00	47.81 3.21 0.00	52.43 3.70 0.00	51.43 3.81 0.00	47.47 3.60 0.00	43.88 3.51 0.00	39.98 3.03 0.00	35.90 2.60 0.00	32.18 2.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.44 0.66 0.00	27.41 0.54 0.00	27.49 0.51 0.00	24.84 0.39 0.00	24.98 0.44 0.00	26.12 0.49 0.00	28.23 0.58 0.00	31.19 0.82 0.00	33.41 0.94 0.00	35.99 0.95 0.00	36.23 1.06 0.00	37.72 1.17 0.00	38.96 1.24 0.00	40.84 1.23 0.00	41.09 1.27 0.00	43.15 1.13 0.00	45.99 1.38 0.00	50.39 1.66 0.00	49.48 1.86 0.00	45.67 1.80 0.00	42.03 1.66 0.00	38.36 1.40 0.00	34.41 1.10 0.00	30.95 0.90 0.00
ETNA____115KV_TB2 80207	30.44 0.66 0.00	27.41 0.54 0.00	27.49 0.51 0.00	24.84 0.39 0.00	24.98 0.44 0.00	26.12 0.49 0.00	28.23 0.58 0.00	31.19 0.82 0.00	33.41 0.94 0.00	35.99 0.95 0.00	36.23 1.06 0.00	37.72 1.17 0.00	38.96 1.24 0.00	40.84 1.23 0.00	41.09 1.27 0.00	43.15 1.13 0.00	45.99 1.38 0.00	50.39 1.66 0.00	49.48 1.86 0.00	45.67 1.80 0.00	42.03 1.66 0.00	38.36 1.40 0.00	34.41 1.10 0.00	30.95 0.90 0.00
EUCLID____115KV_TB2 356179	29.37 -0.42 0.00	26.47 -0.40 0.00	26.54 -0.43 0.00	24.01 -0.44 0.00	24.12 -0.42 0.00	25.20 -0.44 0.00	27.21 -0.44 0.00	30.01 -0.36 0.00	32.17 -0.29 0.00	34.69 -0.35 0.00	34.97 -0.21 0.00	36.40 -0.15 0.00	37.64 -0.08 0.00	39.45 -0.16 0.00	39.65 -0.16 0.00	41.68 -0.34 0.00	44.29 -0.31 0.00	48.39 -0.34 0.00	47.33 -0.29 0.00	43.70 -0.18 0.00	40.17 -0.20 0.00	36.73 -0.22 0.00	33.04 -0.27 0.00	29.72 -0.33 0.00
E_CANADA_CAP_HY 24051	32.35 2.56 0.00	29.26 2.39 0.00	29.38 2.40 0.00	26.58 2.13 0.00	26.75 2.21 0.00	27.94 2.31 0.00	30.31 2.65 0.00	33.29 2.92 0.00	35.55 3.09 0.00	38.23 3.19 0.00	38.41 3.23 0.00	39.91 3.36 0.00	41.07 3.36 0.00	43.13 3.52 0.00	43.00 3.19 0.00	45.34 3.32 0.00	48.35 3.75 0.00	53.07 4.34 0.00	52.00 4.38 0.00	48.13 4.25 0.00	44.77 4.40 0.00	40.87 3.92 0.00	36.54 3.23 0.00	32.60 2.55 0.00
E_CANADA_MHWK_HY 24050	29.82 0.03 0.00	26.76 -0.11 0.00	26.87 -0.11 0.00	24.35 -0.10 0.00	24.44 -0.10 0.00	25.53 -0.10 0.00	27.73 0.08 0.00	30.43 0.06 0.00	32.60 0.13 0.00	35.18 0.14 0.00	35.35 0.18 0.00	36.66 0.11 0.00	37.79 0.08 0.00	39.69 0.08 0.00	39.77 -0.04 0.00	41.89 -0.13 0.00	44.47 -0.13 0.00	48.58 -0.15 0.00	47.57 -0.05 0.00	43.83 -0.04 0.00	40.33 -0.04 0.00	36.88 -0.07 0.00	33.27 -0.03 0.00	29.99 -0.06 0.00
E_FISHKILL____LBMP 23776	31.51 1.73 0.00	28.27 1.40 0.00	28.49 1.51 0.00	25.79 1.34 0.00	25.84 1.30 0.00	26.99 1.36 0.00	29.20 1.55 0.00	32.01 1.64 0.00	34.45 1.98 0.00	37.21 2.17 0.00	37.15 1.97 0.00	38.56 2.01 0.00	39.72 2.00 0.00	41.83 2.22 0.00	42.04 2.23 0.00	44.62 2.61 0.00	47.41 2.81 0.00	51.65 2.92 0.00	50.24 2.62 0.00	46.20 2.33 0.00	42.39 2.02 0.00	38.87 1.92 0.00	35.24 1.93 0.00	31.58 1.53 0.00
FALCON____SEABRD_CC1 323796	29.91 0.12 0.00	27.17 0.30 0.00	27.22 0.24 0.00	24.69 0.24 0.00	24.81 0.27 0.00	25.94 0.31 0.00	28.26 0.61 0.00	31.13 0.76 0.00	33.02 0.55 0.00	35.70 0.66 0.00	35.71 0.53 0.00	37.02 0.47 0.00	38.40 0.68 0.00	40.24 0.63 0.00	40.69 0.87 0.00	42.90 0.88 0.00	45.36 0.76 0.00	49.56 0.83 0.00	48.67 1.05 0.00	44.71 0.83 0.00	41.46 1.09 0.00	37.99 1.03 0.00	33.97 0.67 0.00	30.77 0.72 0.00
FALCON____SEABRD_CC2 323797	29.91 0.12 0.00	27.17 0.30 0.00	27.22 0.24 0.00	24.69 0.24 0.00	24.81 0.27 0.00	25.94 0.31 0.00	28.26 0.61 0.00	31.13 0.76 0.00	33.02 0.55 0.00	35.70 0.66 0.00	35.71 0.53 0.00	37.02 0.47 0.00	38.40 0.68 0.00	40.24 0.63 0.00	40.69 0.87 0.00	42.90 0.88 0.00	45.36 0.76 0.00	49.56 0.83 0.00	48.67 1.05 0.00	44.71 0.83 0.00	41.46 1.09 0.00	37.99 1.03 0.00	33.97 0.67 0.00	30.77 0.72 0.00
FAR ROCKAWAY____4 23548	43.71 3.25 -10.68	41.80 2.66 -12.27	37.92 2.67 -8.27	35.25 2.37 -8.43	34.88 2.31 -8.03	36.21 2.41 -8.17	32.69 2.68 -2.36	33.41 3.04 0.00	35.97 3.51 0.00	41.93 3.92 -2.96	47.06 3.20 -8.68	47.96 3.29 -8.12	49.98 3.36 -8.91	57.34 3.68 -14.05	63.35 3.74 -19.79	62.31 4.20 -16.09	67.64 4.55 -18.48	71.42 4.78 -17.92	61.24 4.43 -9.19	56.04 3.99 -8.18	49.92 3.47 -6.07	48.55 3.21 -8.38	44.53 3.23 -7.99	40.01 2.70 -7.26
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.05 2.26 0.00	28.67 1.80 0.00	28.89 1.92 0.00	26.14 1.69 0.00	26.14 1.60 0.00	27.30 1.67 0.00	29.59 1.94 0.00	32.62 2.25 0.00	35.13 2.66 0.00	37.95 2.91 0.00	37.85 2.67 0.00	39.22 2.67 0.00	40.36 2.64 0.00	42.50 2.89 0.00	42.84 3.03 0.00	45.47 3.45 0.00	48.35 3.75 0.00	52.58 3.85 0.00	51.05 3.43 0.00	46.90 3.03 0.00	42.95 2.58 0.00	39.39 2.44 0.00	35.87 2.56 0.00	32.15 2.10 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.05 2.26 0.00	28.70 1.83 0.00	28.89 1.92 0.00	26.14 1.69 0.00	26.14 1.60 0.00	27.30 1.67 0.00	29.59 1.94 0.00	32.62 2.25 0.00	35.13 2.66 0.00	37.95 2.91 0.00	37.85 2.67 0.00	39.22 2.67 0.00	40.36 2.64 0.00	42.50 2.89 0.00	42.84 3.03 0.00	45.47 3.45 0.00	48.35 3.75 0.00	52.63 3.90 0.00	51.10 3.48 0.00	46.95 3.07 0.00	42.95 2.58 0.00	39.39 2.44 0.00	35.87 2.56 0.00	32.15 2.10 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.02 2.23 0.00	28.67 1.80 0.00	28.86 1.89 0.00	26.11 1.66 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.56 1.91 0.00	32.59 2.22 0.00	35.10 2.63 0.00	37.95 2.91 0.00	37.82 2.64 0.00	39.18 2.63 0.00	40.32 2.60 0.00	42.46 2.85 0.00	42.80 2.99 0.00	45.47 3.45 0.00	48.31 3.70 0.00	52.58 3.85 0.00	51.00 3.38 0.00	46.86 2.98 0.00	42.91 2.54 0.00	39.35 2.40 0.00	35.84 2.53 0.00	32.12 2.07 0.00

FARRAGUT____LBMP 323566	31.99 2.20 0.00	28.64 1.77 0.00	28.84 1.86 0.00	26.09 1.64 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.53 1.88 0.00	32.56 2.19 0.00	35.06 2.60 0.00	37.88 2.84 0.00	37.78 2.60 0.00	39.15 2.60 0.00	40.28 2.56 0.00	42.42 2.81 0.00	42.76 2.95 0.00	45.38 3.36 0.00	48.26 3.66 0.00	52.48 3.75 0.00	50.95 3.33 0.00	46.82 2.94 0.00	42.87 2.50 0.00	39.32 2.36 0.00	35.80 2.50 0.00	32.09 2.04 0.00
FENNER____WINDPWR 24204	30.35 0.56 0.00	27.30 0.43 0.00	27.38 0.41 0.00	24.77 0.32 0.00	24.88 0.34 0.00	25.99 0.36 0.00	28.15 0.50 0.00	31.07 0.70 0.00	33.31 0.84 0.00	36.02 0.98 0.00	36.23 1.05 0.00	37.61 1.06 0.00	38.81 1.09 0.00	40.76 1.15 0.00	40.89 1.08 0.00	42.99 0.97 0.00	45.72 1.12 0.00	50.05 1.32 0.00	49.10 1.48 0.00	45.28 1.40 0.00	41.66 1.29 0.00	37.99 1.03 0.00	34.21 0.90 0.00	30.77 0.72 0.00
FIBERTEK____ENERGY 23856	29.73 -0.06 0.00	26.79 -0.08 0.00	26.84 -0.13 0.00	24.28 -0.17 0.00	24.42 -0.12 0.00	25.50 -0.13 0.00	27.54 -0.11 0.00	30.40 0.03 0.00	32.60 0.13 0.00	35.15 0.11 0.00	35.46 0.28 0.00	36.92 0.37 0.00	38.17 0.45 0.00	39.97 0.36 0.00	40.17 0.36 0.00	42.23 0.21 0.00	44.92 0.31 0.00	49.02 0.29 0.00	48.00 0.38 0.00	44.27 0.39 0.00	40.73 0.36 0.00	37.21 0.26 0.00	33.44 0.13 0.00	30.11 0.06 0.00
FITZPATRICK____ 23598	28.92 -0.86 0.00	26.07 -0.81 0.00	26.17 -0.81 0.00	23.69 -0.76 0.00	23.78 -0.76 0.00	24.84 -0.79 0.00	26.82 -0.83 0.00	29.55 -0.82 0.00	31.62 -0.84 0.00	34.20 -0.84 0.00	34.37 -0.81 0.00	35.75 -0.80 0.00	36.92 -0.79 0.00	38.74 -0.87 0.00	38.90 -0.91 0.00	40.93 -1.09 0.00	43.49 -1.11 0.00	47.51 -1.22 0.00	46.48 -1.14 0.00	42.87 -1.01 0.00	39.44 -0.93 0.00	36.07 -0.89 0.00	32.51 -0.80 0.00	29.30 -0.75 0.00
FLOWRFLD_69_KV_BK1 356044	44.06 3.51 -10.76	42.22 3.06 -12.29	38.37 3.10 -8.29	35.64 2.76 -8.43	35.27 2.70 -8.03	36.62 2.82 -8.17	33.24 3.21 -2.38	33.95 3.49 -0.08	36.54 3.99 -0.08	42.50 4.42 -3.04	47.92 4.05 -8.70	48.84 4.09 -8.20	55.22 4.00 -13.51	57.97 4.24 -14.13	65.25 4.26 -21.17	65.05 4.66 -18.36	68.16 5.04 -18.52	85.47 5.36 -31.37	91.13 4.95 -38.56	61.19 4.43 -12.89	61.91 4.08 -17.46	53.05 3.95 -12.15	45.30 4.00 -7.99	40.58 3.28 -7.26
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.72 1.94 0.00	28.40 1.53 0.00	28.60 1.62 0.00	25.89 1.44 0.00	25.94 1.40 0.00	27.09 1.46 0.00	29.34 1.69 0.00	32.10 1.73 0.00	34.54 2.08 0.00	37.35 2.31 0.00	37.29 2.11 0.00	38.71 2.16 0.00	39.87 2.15 0.00	41.95 2.34 0.00	42.20 2.39 0.00	44.84 2.82 0.00	47.68 3.08 0.00	52.04 3.31 0.00	50.62 3.00 0.00	46.55 2.68 0.00	42.71 2.34 0.00	39.28 2.33 0.00	35.54 2.23 0.00	31.82 1.77 0.00
FORT ORANGE____ 23900	30.80 1.01 0.00	27.76 0.89 0.00	27.89 0.92 0.00	25.30 0.86 0.00	25.42 0.88 0.00	26.53 0.90 0.00	28.70 1.08 0.03	31.25 0.88 0.00	33.57 1.10 0.00	35.96 1.12 0.20	36.16 0.98 0.00	37.61 1.06 0.00	38.74 1.02 0.00	40.68 1.07 0.00	40.81 1.00 0.00	43.28 1.26 0.00	45.94 1.34 0.00	50.19 1.46 0.00	48.91 1.29 0.00	45.06 1.19 0.00	41.54 1.17 0.00	38.21 1.26 0.00	34.37 1.07 0.00	30.80 0.75 0.00
FORT_DRUM_COGEN 23780	30.08 0.30 0.00	27.14 0.27 0.00	27.19 0.22 0.00	24.57 0.12 0.00	24.61 0.07 0.00	25.71 0.08 0.00	27.76 0.11 0.00	30.37 0.00 0.00	32.40 -0.06 0.00	35.08 0.04 0.00	35.14 -0.04 0.00	36.44 -0.11 0.00	37.53 -0.19 0.00	39.37 -0.24 0.00	39.93 0.12 0.00	41.77 -0.25 0.00	44.42 -0.18 0.00	48.88 0.15 0.00	48.38 0.76 0.00	44.80 0.92 0.00	41.42 1.05 0.00	37.66 0.70 0.00	33.84 0.53 0.00	30.53 0.48 0.00
FPL_FAR_ROCK_GT1 24212	43.72 3.25 -10.68	41.81 2.66 -12.28	37.92 2.67 -8.27	35.25 2.37 -8.43	34.88 2.31 -8.03	36.21 2.41 -8.17	32.69 2.68 -2.36	33.41 3.04 0.00	35.97 3.51 0.00	41.76 3.75 -2.96	46.99 3.13 -8.68	47.96 3.29 -8.12	49.98 3.36 -8.91	57.30 3.64 -14.05	63.35 3.74 -19.79	62.31 4.20 -16.09	67.64 4.55 -18.48	71.42 4.78 -17.92	61.24 4.43 -9.19	56.00 3.95 -8.18	49.92 3.47 -6.07	48.55 3.21 -8.38	44.47 3.17 -8.00	39.98 2.67 -7.26
FPL_FAR_ROCK_GT2 23815	43.72 3.25 -10.68	41.81 2.66 -12.28	37.92 2.67 -8.27	35.25 2.37 -8.43	34.88 2.31 -8.03	36.21 2.41 -8.17	32.69 2.68 -2.36	33.41 3.04 0.00	35.97 3.51 0.00	41.76 3.75 -2.96	46.99 3.13 -8.68	47.96 3.29 -8.12	49.98 3.36 -8.91	57.30 3.64 -14.05	63.35 3.74 -19.79	62.31 4.20 -16.09	67.64 4.55 -18.48	71.42 4.78 -17.92	61.24 4.43 -9.19	56.00 3.95 -8.18	49.92 3.47 -6.07	48.55 3.21 -8.38	44.47 3.17 -8.00	39.98 2.67 -7.26
FRANKLIN_FALL_HYD 24054	29.67 -0.12 0.00	26.92 0.05 0.00	26.98 0.00 0.00	24.47 0.02 0.00	24.54 0.00 0.00	25.66 0.03 0.00	27.90 0.25 0.00	30.71 0.33 0.00	32.60 0.13 0.00	35.25 0.21 0.00	35.21 0.04 0.00	36.48 -0.07 0.00	37.79 0.08 0.00	39.65 0.04 0.00	40.05 0.24 0.00	42.23 0.21 0.00	44.56 -0.04 0.00	48.73 0.00 0.00	47.86 0.24 0.00	43.96 0.09 0.00	40.81 0.44 0.00	37.40 0.44 0.00	33.51 0.20 0.00	30.38 0.33 0.00
FREEPORT_EQUS_GT1 23764	43.39 2.92 -10.68	41.59 2.44 -12.27	37.73 2.48 -8.27	35.10 2.22 -8.43	34.75 2.18 -8.03	36.09 2.28 -8.17	32.55 2.54 -2.36	33.23 2.85 0.00	35.78 3.31 0.00	41.44 3.44 -2.96	47.02 3.17 -8.68	47.96 3.29 -8.12	49.95 3.32 -8.91	57.22 3.57 -14.05	63.31 3.70 -19.79	62.27 4.16 -16.09	67.59 4.50 -18.48	71.42 4.78 -17.92	61.24 4.43 -9.19	56.00 3.95 -8.18	49.92 3.47 -6.07	48.55 3.21 -8.38	44.50 3.20 -8.00	40.04 2.73 -7.26
FREEPORT____CT2 23818	43.39 2.92 -10.68	41.59 2.44 -12.27	37.73 2.48 -8.27	35.10 2.22 -8.43	34.75 2.18 -8.03	36.09 2.28 -8.17	32.55 2.54 -2.36	33.23 2.85 0.00	35.78 3.31 0.00	41.44 3.44 -2.96	47.02 3.17 -8.68	47.96 3.29 -8.12	49.95 3.32 -8.91	57.22 3.57 -14.05	63.31 3.70 -19.79	62.27 4.16 -16.09	67.59 4.50 -18.48	71.42 4.78 -17.92	61.24 4.43 -9.19	56.00 3.95 -8.18	49.92 3.47 -6.07	48.55 3.21 -8.38	44.50 3.20 -8.00	40.04 2.73 -7.26
FRESHKLS_33_KV_LOAD 356253	32.30 2.50 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.18 1.74 0.00	26.14 1.60 0.00	27.17 1.54 0.00	29.36 1.71 0.01	32.43 2.07 0.01	35.02 2.56 0.01	37.87 2.84 0.01	37.70 2.53 0.01	39.10 2.56 0.01	40.27 2.56 0.01	42.34 2.73 0.00	42.76 2.95 0.00	45.47 3.45 0.00	48.35 3.75 0.00	52.68 3.90 -0.06	51.05 3.43 0.00	46.90 3.03 0.00	42.91 2.54 0.00	39.60 2.59 -0.06	36.05 2.73 -0.02	32.30 2.25 0.00
FULTON COGEN____ 23766	29.28 -0.51 0.00	26.39 -0.48 0.00	26.46 -0.51 0.00	23.96 -0.49 0.00	24.07 -0.47 0.00	25.14 -0.49 0.00	27.15 -0.50 0.00	29.95 -0.43 0.00	32.08 -0.39 0.00	34.58 -0.46 0.00	34.86 -0.32 0.00	36.29 -0.26 0.00	37.49 -0.23 0.00	39.29 -0.32 0.00	39.45 -0.36 0.00	41.47 -0.55 0.00	44.11 -0.49 0.00	48.19 -0.54 0.00	47.19 -0.43 0.00	43.57 -0.31 0.00	40.05 -0.32 0.00	36.62 -0.33 0.00	32.91 -0.40 0.00	29.69 -0.36 0.00



FULTON___LFGE 323630	33.60 3.81 0.00	29.91 3.04 0.00	30.00 3.02 0.00	27.09 2.64 0.00	27.34 2.80 0.00	28.55 2.92 0.00	31.63 3.98 0.00	34.68 4.31 0.00	36.79 4.32 0.00	39.28 4.24 0.00	39.43 4.25 0.00	40.90 4.35 0.00	42.02 4.30 0.00	44.09 4.47 0.00	44.07 4.26 0.00	46.52 4.50 0.00	49.82 5.22 0.00	55.06 6.33 0.00	54.05 6.43 0.00	50.33 6.45 0.00	46.87 6.50 0.00	42.83 5.88 0.00	38.03 4.73 0.00	33.78 3.73 0.00
G.F.CEMENT___DRP 24184	31.81 2.03 0.00	28.70 1.83 0.00	28.81 1.83 0.00	26.09 1.64 0.00	26.28 1.74 0.00	27.45 1.82 0.00	29.80 2.13 -0.03	32.62 2.25 0.00	35.00 2.53 0.00	37.97 2.77 -0.16	37.82 2.64 0.00	39.29 2.74 0.00	40.06 2.34 0.00	42.23 2.61 0.00	42.16 2.35 0.00	44.54 2.52 0.00	47.23 2.63 0.00	51.70 2.97 0.00	50.67 3.05 0.00	46.86 2.98 0.00	43.68 3.31 0.00	40.06 3.10 0.00	35.94 2.63 0.00	32.09 2.04 0.00
GARDENVILLE___LBMP 24039	29.67 -0.12 0.00	26.76 -0.11 0.00	26.81 -0.16 0.00	24.13 -0.32 0.00	24.20 -0.34 0.00	25.37 -0.26 0.00	27.29 -0.36 0.00	30.65 0.27 0.00	32.92 0.45 0.00	35.25 0.21 0.00	36.02 0.84 0.00	37.68 1.13 0.00	39.15 1.43 0.00	40.72 1.11 0.00	41.09 1.27 0.00	42.78 0.76 0.00	45.36 0.76 0.00	49.36 0.63 0.00	48.48 0.86 0.00	44.93 1.05 0.00	41.38 1.01 0.00	37.77 0.81 0.00	33.94 0.63 0.00	30.50 0.45 0.00
GARDNVLA_35_KV_LD 355827	29.79 0.00 0.00	26.84 -0.03 0.00	26.90 -0.08 0.00	24.20 -0.24 0.00	24.27 -0.27 0.00	25.48 -0.15 0.00	27.37 -0.28 0.00	30.77 0.39 0.00	33.08 0.62 0.00	35.43 0.39 0.00	36.16 0.98 0.00	37.90 1.35 0.00	39.34 1.62 0.00	40.92 1.31 0.00	41.28 1.47 0.00	42.99 0.97 0.00	45.63 1.03 0.00	49.61 0.88 0.00	48.76 1.14 0.00	45.19 1.32 0.00	41.58 1.21 0.00	37.95 1.00 0.00	34.14 0.83 0.00	30.65 0.60 0.00
GELCKHM___115KV_LOAD 80723	29.49 -0.30 0.00	26.58 -0.30 0.00	26.65 -0.32 0.00	24.11 -0.34 0.00	24.22 -0.32 0.00	25.30 -0.33 0.00	27.32 -0.33 0.00	30.13 -0.24 0.00	32.30 -0.16 0.00	34.86 -0.18 0.00	35.14 -0.04 0.00	36.59 0.04 0.00	37.83 0.11 0.00	39.61 0.00 0.00	39.81 0.00 0.00	41.85 -0.17 0.00	44.51 -0.09 0.00	48.63 -0.10 0.00	47.57 -0.05 0.00	43.88 0.00 0.00	40.37 0.00 0.00	36.88 -0.07 0.00	33.17 -0.13 0.00	29.84 -0.21 0.00
GENERAL___MILLS 23808	29.76 -0.03 0.00	26.82 -0.05 0.00	26.87 -0.11 0.00	24.18 -0.27 0.00	24.25 -0.29 0.00	25.43 -0.21 0.00	27.35 -0.30 0.00	30.71 0.33 0.00	33.02 0.55 0.00	35.36 0.32 0.00	36.09 0.91 0.00	37.79 1.24 0.00	39.23 1.51 0.00	40.84 1.23 0.00	41.21 1.39 0.00	42.90 0.88 0.00	45.50 0.89 0.00	49.51 0.78 0.00	48.62 1.00 0.00	45.06 1.18 0.00	41.50 1.13 0.00	37.88 0.92 0.00	34.04 0.73 0.00	30.59 0.54 0.00
GE_PLASTICS___DRP 24183	30.74 0.95 0.00	27.70 0.83 0.00	27.87 0.89 0.00	25.28 0.83 0.00	25.38 0.83 0.00	26.50 0.87 0.00	28.60 0.97 0.02	31.22 0.85 0.00	33.51 1.04 0.00	36.06 1.16 0.14	36.23 1.06 0.00	37.65 1.10 0.00	38.77 1.06 0.00	40.76 1.15 0.00	40.85 1.04 0.00	43.32 1.30 0.00	45.99 1.38 0.00	50.19 1.46 0.00	48.91 1.29 0.00	45.02 1.14 0.00	41.46 1.09 0.00	38.10 1.15 0.00	34.41 1.10 0.00	30.86 0.81 0.00
GILBOA___1 23756	30.77 0.98 0.00	27.78 0.91 0.00	27.95 0.97 0.00	25.43 0.98 0.00	25.52 0.98 0.00	26.66 1.03 0.00	28.67 1.02 0.00	31.32 0.94 0.00	33.63 1.17 0.00	36.19 1.15 0.00	36.30 1.13 0.00	37.75 1.20 0.00	38.92 1.21 0.00	40.88 1.27 0.00	41.09 1.27 0.00	43.49 1.47 0.00	46.21 1.60 0.00	50.39 1.66 0.00	49.14 1.52 0.00	45.24 1.36 0.00	41.62 1.25 0.00	38.14 1.18 0.00	34.40 1.10 0.00	30.92 0.87 0.00
GILBOA___2 23757	30.77 0.98 0.00	27.78 0.91 0.00	27.95 0.97 0.00	25.43 0.98 0.00	25.52 0.98 0.00	26.66 1.03 0.00	28.67 1.02 0.00	31.32 0.94 0.00	33.63 1.17 0.00	36.19 1.15 0.00	36.30 1.13 0.00	37.75 1.20 0.00	38.92 1.21 0.00	40.88 1.27 0.00	41.09 1.27 0.00	43.49 1.47 0.00	46.21 1.60 0.00	50.39 1.66 0.00	49.14 1.52 0.00	45.24 1.36 0.00	41.62 1.25 0.00	38.14 1.18 0.00	34.40 1.10 0.00	30.92 0.87 0.00
GILBOA___3 23758	30.77 0.98 0.00	27.78 0.91 0.00	27.95 0.97 0.00	25.43 0.98 0.00	25.52 0.98 0.00	26.66 1.03 0.00	28.67 1.02 0.00	31.32 0.94 0.00	33.63 1.17 0.00	36.19 1.15 0.00	36.30 1.13 0.00	37.75 1.20 0.00	38.92 1.21 0.00	40.88 1.27 0.00	41.09 1.27 0.00	43.49 1.47 0.00	46.21 1.60 0.00	50.39 1.66 0.00	49.14 1.52 0.00	45.24 1.36 0.00	41.62 1.25 0.00	38.14 1.18 0.00	34.40 1.10 0.00	30.92 0.87 0.00
GILBOA___4 23759	30.77 0.98 0.00	27.78 0.91 0.00	27.95 0.97 0.00	25.43 0.98 0.00	25.52 0.98 0.00	26.66 1.03 0.00	28.67 1.02 0.00	31.32 0.94 0.00	33.63 1.17 0.00	36.19 1.15 0.00	36.30 1.13 0.00	37.75 1.20 0.00	38.92 1.21 0.00	40.88 1.27 0.00	41.09 1.27 0.00	43.49 1.47 0.00	46.21 1.60 0.00	50.39 1.66 0.00	49.14 1.52 0.00	45.24 1.36 0.00	41.62 1.25 0.00	38.14 1.18 0.00	34.40 1.10 0.00	30.92 0.87 0.00
GILBOA___ 23599	30.77 0.98 0.00	27.78 0.91 0.00	27.95 0.97 0.00	25.43 0.98 0.00	25.52 0.98 0.00	26.66 1.03 0.00	28.67 1.02 0.00	31.31 0.94 0.00	33.64 1.17 0.00	36.30 1.26 0.00	36.34 1.16 0.00	37.76 1.21 0.00	38.92 1.21 0.00	40.92 1.31 0.00	41.09 1.27 0.00	43.49 1.47 0.00	46.21 1.61 0.00	50.39 1.66 0.00	49.14 1.52 0.00	45.24 1.36 0.00	41.62 1.25 0.00	38.14 1.18 0.00	34.47 1.17 0.00	30.95 0.90 0.00
GINNA___ 23603	28.36 -1.43 0.00	25.55 -1.32 0.00	25.57 -1.40 0.00	23.06 -1.39 0.00	23.12 -1.42 0.00	24.17 -1.46 0.00	26.13 -1.52 0.00	29.07 -1.31 0.00	31.30 -1.17 0.00	33.99 -1.05 0.00	34.33 -0.84 0.00	35.67 -0.88 0.00	36.89 -0.83 0.00	38.70 -0.91 0.00	38.78 -1.04 0.00	40.51 -1.51 0.00	42.95 -1.65 0.00	46.88 -1.85 0.00	46.05 -1.57 0.00	42.65 -1.23 0.00	39.32 -1.05 0.00	35.88 -1.07 0.00	32.41 -0.90 0.00	29.06 -0.99 0.00
GLEN PARK___ 23778	30.23 0.45 0.00	27.27 0.40 0.00	27.33 0.35 0.00	24.67 0.22 0.00	24.74 0.20 0.00	25.81 0.18 0.00	27.90 0.25 0.00	30.59 0.21 0.00	32.63 0.16 0.00	35.39 0.35 0.00	35.42 0.25 0.00	36.70 0.15 0.00	37.75 0.04 0.00	39.65 0.04 0.00	40.13 0.32 0.00	41.94 -0.08 0.00	44.60 0.00 0.00	49.17 0.44 0.00	48.72 1.10 0.00	45.10 1.23 0.00	41.74 1.37 0.00	37.91 0.96 0.00	34.10 0.80 0.00	30.74 0.69 0.00
GLENDALE_27_KV_LOAD 356172	32.29 2.50 0.00	28.86 1.99 0.00	29.08 2.10 0.00	26.26 1.81 0.00	26.26 1.72 0.00	27.40 1.77 0.00	29.67 2.02 0.00	32.74 2.37 0.00	35.29 2.82 0.00	38.12 3.08 0.00	37.99 2.81 0.00	39.36 2.81 0.00	40.51 2.79 0.00	42.66 3.05 0.00	43.04 3.22 0.00	45.68 3.66 0.00	48.53 3.93 0.00	52.77 4.04 0.00	51.19 3.57 0.00	47.08 3.20 0.00	43.12 2.75 0.00	39.61 2.66 0.00	36.14 2.83 0.00	32.36 2.31 0.00

GLENWOOD_IC_1_G5 23712	42.85 2.38 -10.68	41.08 1.93 -12.27	37.44 2.19 -8.27	34.83 1.96 -8.43	34.46 1.89 -8.03	35.80 2.00 -8.17	32.25 2.24 -2.36	32.92 2.55 0.00	35.45 2.99 0.00	41.05 3.05 -2.96	46.71 2.85 -8.68	47.59 2.92 -8.12	49.57 2.94 -8.91	56.87 3.21 -14.05	62.91 3.30 -19.79	61.89 3.78 -16.09	67.15 4.06 -18.48	70.89 4.24 -17.92	60.67 3.86 -9.19	55.47 3.42 -8.18	49.39 2.95 -6.07	48.07 2.73 -8.38	44.00 2.70 -7.99	39.71 2.40 -7.26
GLENWOOD_IC_2_G1 23688	42.79 2.32 -10.68	41.05 1.91 -12.27	37.25 2.00 -8.27	34.66 1.78 -8.43	34.29 1.72 -8.03	35.60 1.79 -8.17	32.05 2.05 -2.36	32.68 2.31 0.00	35.19 2.73 0.00	40.77 2.77 -2.96	46.53 2.67 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.67 3.01 -14.05	62.75 3.14 -19.79	61.67 3.57 -16.09	66.92 3.84 -18.48	70.69 4.04 -17.92	60.48 3.67 -9.19	55.30 3.25 -8.18	49.27 2.82 -6.07	47.96 2.62 -8.38	43.87 2.56 -7.99	39.44 2.13 -7.26
GLENWOOD_IC_3_G1 23689	42.79 2.32 -10.68	41.05 1.91 -12.27	37.25 2.00 -8.27	34.66 1.78 -8.43	34.29 1.72 -8.03	35.60 1.79 -8.17	32.05 2.05 -2.36	32.68 2.31 0.00	35.19 2.73 0.00	40.77 2.77 -2.96	46.53 2.67 -8.68	47.45 2.78 -8.12	49.42 2.79 -8.91	56.67 3.01 -14.05	62.75 3.14 -19.79	61.67 3.57 -16.09	66.92 3.84 -18.48	70.69 4.04 -17.92	60.48 3.67 -9.19	55.30 3.25 -8.18	49.27 2.82 -6.07	47.96 2.62 -8.38	43.87 2.56 -7.99	39.44 2.13 -7.26
GLENWOOD___4 23550	42.91 2.44 -10.68	41.16 2.02 -12.27	37.44 2.19 -8.27	34.83 1.96 -8.43	34.46 1.89 -8.03	35.80 2.00 -8.17	32.25 2.24 -2.36	32.92 2.55 0.00	35.45 2.99 0.00	41.16 3.15 -2.96	46.81 2.95 -8.68	47.70 3.03 -8.12	49.68 3.06 -8.91	56.98 3.33 -14.05	63.03 3.42 -19.79	61.97 3.87 -16.09	67.24 4.15 -18.48	70.98 4.34 -17.92	60.77 3.95 -9.19	55.56 3.51 -8.18	49.51 3.07 -6.07	48.18 2.85 -8.38	44.10 2.80 -7.99	39.71 2.40 -7.26
GLENWOOD___5 23614	42.91 2.44 -10.68	41.16 2.02 -12.27	37.44 2.19 -8.27	34.83 1.96 -8.43	34.46 1.89 -8.03	35.80 2.00 -8.17	32.25 2.24 -2.36	32.92 2.55 0.00	35.45 2.99 0.00	41.16 3.15 -2.96	46.81 2.95 -8.68	47.70 3.03 -8.12	49.68 3.06 -8.91	56.98 3.33 -14.05	63.03 3.42 -19.79	61.97 3.87 -16.09	67.24 4.15 -18.48	70.98 4.34 -17.92	60.77 3.95 -9.19	55.56 3.51 -8.18	49.51 3.07 -6.07	48.18 2.85 -8.38	44.10 2.80 -7.99	39.71 2.40 -7.26
GLOBAL GREEN_PORT_GT1 23814	45.71 5.18 -10.74	43.59 4.43 -12.28	39.74 4.48 -8.28	36.81 3.94 -8.43	36.47 3.90 -8.03	37.88 4.08 -8.17	34.72 4.70 -2.37	35.71 5.28 -0.06	38.63 6.10 -0.06	44.65 6.59 -3.02	50.23 6.37 -8.69	51.30 6.58 -8.18	56.80 6.71 -12.37	60.80 7.09 -14.10	67.93 7.25 -20.87	67.84 8.03 -17.80	71.53 8.43 -18.50	89.02 9.11 -31.18	87.52 8.62 -31.28	65.49 7.68 -13.94	63.13 6.90 -15.86	54.70 6.14 -11.61	46.96 5.66 -7.99	42.08 4.78 -7.26
GLOBE___DSASP 323697	28.62 -1.16 0.00	26.09 -0.78 0.00	25.87 -1.11 0.00	23.57 -0.88 0.00	23.31 -1.23 0.00	24.76 -0.87 0.00	26.43 -1.22 0.00	29.46 -0.91 0.00	31.66 -0.81 0.00	33.81 -1.23 0.00	34.58 -0.60 0.00	36.18 -0.37 0.00	37.64 -0.08 0.00	39.14 -0.48 0.00	39.49 -0.32 0.00	41.01 -1.01 0.00	43.44 -1.16 0.00	47.27 -1.46 0.00	46.48 -1.14 0.00	43.17 -0.70 0.00	39.81 -0.57 0.00	36.32 -0.63 0.00	32.71 -0.60 0.00	29.39 -0.66 0.00
GOETHSLN___LBMP 323567	31.84 2.06 0.00	28.48 1.61 0.00	28.68 1.70 0.00	25.94 1.49 0.00	25.96 1.42 0.00	27.12 1.49 0.00	29.42 1.77 0.00	32.41 2.03 0.00	34.90 2.44 0.00	37.70 2.66 0.00	37.60 2.43 0.00	38.93 2.38 0.00	40.06 2.34 0.00	40.73 2.57 1.46	41.40 2.67 1.08	41.40 3.11 3.73	42.03 3.35 5.91	45.93 3.46 6.26	42.60 3.05 8.07	41.40 2.68 5.15	40.19 2.26 2.44	39.10 2.14 0.00	35.64 2.33 0.00	31.94 1.89 0.00
GOLAH___69_KV_TB 1_2 80279	29.70 -0.09 0.00	26.76 -0.11 0.00	26.79 -0.19 0.00	24.16 -0.29 0.00	24.25 -0.29 0.00	25.35 -0.28 0.00	27.35 -0.30 0.00	30.49 0.12 0.00	32.82 0.36 0.00	35.18 0.14 0.00	35.81 0.63 0.00	37.35 0.80 0.00	38.81 1.09 0.00	40.44 0.83 0.00	40.69 0.88 0.00	42.40 0.38 0.00	45.05 0.45 0.00	49.07 0.34 0.00	48.14 0.52 0.00	44.71 0.83 0.00	41.06 0.69 0.00	37.54 0.59 0.00	33.77 0.47 0.00	30.41 0.36 0.00
GOODYEAR_LAKE_HYD 323669	31.22 1.43 0.00	28.13 1.26 0.00	28.27 1.29 0.00	25.60 1.15 0.00	25.69 1.15 0.00	26.86 1.23 0.00	29.03 1.38 0.00	31.98 1.61 0.00	34.32 1.85 0.00	37.07 2.03 0.00	37.25 2.08 0.00	38.71 2.16 0.00	39.87 2.15 0.00	41.91 2.30 0.00	42.04 2.23 0.00	44.29 2.27 0.00	47.06 2.45 0.00	51.51 2.78 0.00	50.43 2.81 0.00	46.46 2.59 0.00	42.79 2.42 0.00	39.02 2.07 0.00	35.14 1.83 0.00	31.55 1.50 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.14 0.36 0.00	27.17 0.30 0.00	27.25 0.27 0.00	24.64 0.20 0.00	24.76 0.22 0.00	25.89 0.26 0.00	27.95 0.30 0.00	30.89 0.52 0.00	33.08 0.62 0.00	35.64 0.60 0.00	35.99 0.81 0.00	37.50 0.95 0.00	38.77 1.06 0.00	40.60 0.99 0.00	40.85 1.04 0.00	42.90 0.88 0.00	45.63 1.03 0.00	49.80 1.07 0.00	48.76 1.14 0.00	45.02 1.14 0.00	41.38 1.01 0.00	37.80 0.85 0.00	34.01 0.70 0.00	30.59 0.54 0.00
GOUDEY___7 23579	30.17 0.39 0.00	27.19 0.32 0.00	27.27 0.30 0.00	24.67 0.22 0.00	24.79 0.25 0.00	25.91 0.28 0.00	27.98 0.33 0.00	30.92 0.55 0.00	33.15 0.68 0.00	35.71 0.67 0.00	36.02 0.84 0.00	37.54 0.99 0.00	38.85 1.13 0.00	40.64 1.03 0.00	40.93 1.11 0.00	42.99 0.97 0.00	45.67 1.07 0.00	49.85 1.12 0.00	48.86 1.24 0.00	45.06 1.18 0.00	41.42 1.05 0.00	37.84 0.89 0.00	34.04 0.73 0.00	30.65 0.60 0.00
GOUDEY___8 23580	30.14 0.36 0.00	27.17 0.30 0.00	27.25 0.27 0.00	24.64 0.20 0.00	24.76 0.22 0.00	25.89 0.26 0.00	27.95 0.30 0.00	30.89 0.52 0.00	33.08 0.62 0.00	35.64 0.60 0.00	35.99 0.81 0.00	37.50 0.95 0.00	38.77 1.06 0.00	40.60 0.99 0.00	40.85 1.04 0.00	42.90 0.88 0.00	45.63 1.03 0.00	49.80 1.07 0.00	48.76 1.14 0.00	45.02 1.14 0.00	41.38 1.01 0.00	37.80 0.85 0.00	34.01 0.70 0.00	30.59 0.54 0.00
GOWANUS_GT1_1 24077	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00
GOWANUS_GT1_2 24078	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00

GOWANUS_GT1_3 24079	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00
GOWANUS_GT1_4 24080	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00
GOWANUS_GT1_5 24084	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00
GOWANUS_GT1_6 24111	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00
GOWANUS_GT1_7 24112	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00
GOWANUS_GT1_8 24113	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00
GOWANUS_GT2_1 24114	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
GOWANUS_GT2_2 24115	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
GOWANUS_GT2_3 24116	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
GOWANUS_GT2_4 24117	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
GOWANUS_GT2_5 24118	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
GOWANUS_GT2_6 24119	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
GOWANUS_GT2_7 24120	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
GOWANUS_GT2_8 24121	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
GOWANUS_GT3_1 24122	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00

GOWANUS_GT3_2 24123	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
GOWANUS_GT3_3 24124	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
GOWANUS_GT3_4 24125	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
GOWANUS_GT3_5 24126	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
GOWANUS_GT3_6 24127	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
GOWANUS_GT3_7 24128	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
GOWANUS_GT3_8 24129	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
GOWANUS_GT4_1 24130	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00
GOWANUS_GT4_2 24131	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00
GOWANUS_GT4_3 24132	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00
GOWANUS_GT4_4 24133	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00
GOWANUS_GT4_5 24134	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00
GOWANUS_GT4_6 24135	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00
GOWANUS_GT4_7 24136	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00
GOWANUS_GT4_8 24137	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00

GREENBSH_115KV_TB3 55895	30.62 0.83 0.00	27.60 0.73 0.00	27.76 0.78 0.00	25.18 0.73 0.00	25.30 0.76 0.00	26.40 0.77 0.00	28.50 0.88 0.03	31.10 0.73 0.00	33.41 0.94 0.00	35.84 1.02 0.21	36.09 0.91 0.00	37.50 0.95 0.00	38.62 0.91 0.00	40.64 1.03 0.00	40.69 0.88 0.00	43.15 1.13 0.00	45.81 1.20 0.00	50.00 1.27 0.00	48.67 1.05 0.00	44.84 0.97 0.00	41.30 0.93 0.00	37.95 1.00 0.00	34.27 0.97 0.00	30.74 0.69 0.00
GREENDGE_115KV_TB5 80291	30.23 0.45 0.00	27.17 0.30 0.00	27.19 0.22 0.00	24.55 0.10 0.00	24.69 0.15 0.00	25.84 0.21 0.00	27.98 0.33 0.00	31.13 0.76 0.00	33.21 0.75 0.00	35.67 0.63 0.00	36.16 0.98 0.00	37.72 1.17 0.00	39.11 1.40 0.00	40.84 1.23 0.00	41.13 1.31 0.00	42.94 0.92 0.00	45.76 1.16 0.00	50.09 1.36 0.00	49.24 1.62 0.00	45.50 1.62 0.00	41.82 1.45 0.00	38.14 1.18 0.00	34.14 0.83 0.00	30.98 0.93 0.00
GREENIDGE___3 23582	30.23 0.45 0.00	27.17 0.30 0.00	27.19 0.22 0.00	24.55 0.10 0.00	24.69 0.15 0.00	25.84 0.21 0.00	27.98 0.33 0.00	31.13 0.76 0.00	33.21 0.75 0.00	35.67 0.63 0.00	36.16 0.98 0.00	37.72 1.17 0.00	39.11 1.40 0.00	40.84 1.23 0.00	41.13 1.31 0.00	42.94 0.92 0.00	45.76 1.16 0.00	50.09 1.36 0.00	49.24 1.62 0.00	45.50 1.62 0.00	41.82 1.45 0.00	38.14 1.18 0.00	34.14 0.83 0.00	30.98 0.93 0.00
GREENIDGE___4 23583	30.20 0.42 0.00	27.17 0.30 0.00	27.19 0.21 0.00	24.55 0.10 0.00	24.69 0.15 0.00	25.84 0.20 0.00	28.01 0.36 0.00	31.13 0.76 0.00	33.21 0.75 0.00	35.99 0.95 0.00	36.30 1.13 0.00	37.79 1.24 0.00	39.11 1.40 0.00	40.92 1.31 0.00	41.12 1.31 0.00	42.94 0.92 0.00	45.76 1.16 0.00	50.09 1.36 0.00	49.24 1.62 0.00	45.50 1.62 0.00	41.82 1.45 0.00	38.14 1.18 0.00	34.30 1.00 0.00	31.07 1.02 0.00
GREENLWN_69_KV_BK 3 55738	43.22 2.77 -10.67	41.26 2.12 -12.27	37.40 2.16 -8.27	34.81 1.93 -8.43	34.44 1.87 -8.03	35.75 1.95 -8.17	32.28 2.27 -2.36	32.76 2.40 0.02	35.50 3.05 0.02	41.53 3.54 -2.95	46.67 2.81 -8.67	47.65 3.00 -8.11	48.88 3.02 -8.14	56.77 3.13 -14.03	62.42 3.18 -19.42	61.34 3.61 -15.71	67.00 3.93 -18.47	67.27 4.34 -14.20	55.84 3.90 -4.31	54.65 3.29 -7.49	47.55 2.95 -4.23	47.72 2.99 -7.77	44.23 2.93 -7.99	39.65 2.34 -7.26
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00
GRISSOM___SOLAR 323813	33.60 3.81 0.00	29.91 3.04 0.00	30.00 3.02 0.00	27.09 2.64 0.00	27.34 2.80 0.00	28.55 2.92 0.00	31.63 3.98 0.00	34.68 4.31 0.00	36.79 4.32 0.00	39.28 4.24 0.00	39.43 4.25 0.00	40.90 4.35 0.00	42.02 4.30 0.00	44.09 4.47 0.00	44.07 4.26 0.00	46.52 4.50 0.00	49.82 5.22 0.00	55.06 6.33 0.00	54.05 6.43 0.00	50.33 6.45 0.00	46.87 6.50 0.00	42.83 5.88 0.00	38.03 4.73 0.00	33.78 3.73 0.00
GROVEVILLE___HYD 323602	31.72 1.94 0.00	28.40 1.53 0.00	28.60 1.62 0.00	25.89 1.44 0.00	25.94 1.40 0.00	27.09 1.46 0.00	29.34 1.69 0.00	32.10 1.73 0.00	34.54 2.08 0.00	37.35 2.31 0.00	37.29 2.11 0.00	38.71 2.16 0.00	39.87 2.15 0.00	41.95 2.34 0.00	42.20 2.39 0.00	44.84 2.82 0.00	47.68 3.08 0.00	52.04 3.31 0.00	50.62 3.57 0.00	46.55 3.16 0.00	42.71 2.68 0.00	39.28 2.34 0.00	35.54 2.23 0.00	31.82 1.77 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.73 -0.06 0.00	26.79 -0.08 0.00	26.84 -0.13 0.00	24.28 -0.17 0.00	24.42 -0.12 0.00	25.50 -0.13 0.00	27.54 -0.11 0.00	30.40 0.03 0.00	32.60 0.13 0.00	35.15 0.11 0.00	35.46 0.28 0.00	36.92 0.37 0.00	38.17 0.45 0.00	39.97 0.36 0.00	40.17 0.36 0.00	42.23 0.21 0.00	44.92 0.31 0.00	49.02 0.29 0.00	48.00 0.38 0.00	44.27 0.39 0.00	40.73 0.36 0.00	37.21 0.26 0.00	33.44 0.13 0.00	30.11 0.06 0.00
HAMLTNNY_34_KV_TB 80303	29.79 0.00 0.00	26.90 0.03 0.00	26.95 -0.03 0.00	24.38 -0.07 0.00	24.49 -0.05 0.00	25.61 -0.03 0.00	27.62 -0.03 0.00	30.52 0.15 0.00	32.76 0.29 0.00	35.29 0.25 0.00	35.63 0.46 0.00	37.13 0.58 0.00	38.36 0.64 0.00	40.20 0.59 0.00	40.41 0.60 0.00	42.44 0.42 0.00	45.09 0.49 0.00	49.32 0.58 0.00	48.29 0.67 0.00	44.53 0.66 0.00	40.94 0.57 0.00	37.40 0.44 0.00	33.61 0.30 0.00	30.23 0.18 0.00
HAMPSHIRE___PAPER_HYD 323593	29.55 -0.24 0.00	26.82 -0.05 0.00	26.87 -0.11 0.00	24.33 -0.12 0.00	24.34 -0.20 0.00	25.40 -0.23 0.00	27.35 -0.30 0.00	29.86 -0.52 0.00	31.75 -0.71 0.00	34.37 -0.67 0.00	34.40 -0.77 0.00	35.53 -1.02 0.00	36.62 -1.09 0.00	38.50 -1.11 0.00	39.13 -0.68 0.00	41.10 -0.92 0.00	43.49 -1.11 0.00	47.70 -1.03 0.00	46.95 -0.67 0.00	43.30 -0.57 0.00	40.05 -0.32 0.00	36.62 -0.33 0.00	33.11 -0.20 0.00	29.96 -0.09 0.00
HARDSCRABBLE_WT_PWR 323673	29.85 0.06 0.00	26.82 -0.05 0.00	26.92 -0.05 0.00	24.40 -0.05 0.00	24.49 -0.05 0.00	25.58 -0.05 0.00	27.76 0.11 0.00	30.49 0.12 0.00	32.66 0.20 0.00	35.29 0.25 0.00	35.42 0.25 0.00	36.77 0.22 0.00	37.87 0.15 0.00	39.77 0.16 0.00	39.85 0.04 0.00	41.98 -0.04 0.00	44.56 -0.04 0.00	48.68 -0.05 0.00	47.62 0.00 0.00	43.88 0.00 0.00	40.37 0.00 0.00	36.92 -0.04 0.00	33.27 -0.03 0.00	30.02 -0.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.54 1.76 0.00	28.19 1.32 0.00	28.38 1.40 0.00	25.70 1.25 0.00	25.74 1.20 0.00	26.89 1.26 0.00	29.17 1.52 0.00	31.98 1.61 0.00	34.41 1.95 0.00	37.21 2.17 0.00	37.15 1.97 0.00	38.60 2.05 0.00	39.75 2.04 0.00	41.83 2.22 0.00	42.12 2.31 0.00	44.71 2.69 0.00	47.55 2.94 0.00	51.85 3.12 0.00	50.43 2.81 0.00	46.38 2.50 0.00	42.51 2.14 0.00	39.06 2.11 0.00	35.37 2.06 0.00	31.67 1.62 0.00
HARSNRAD_115KV_TB1 81005	29.46 -0.33 0.00	26.47 -0.40 0.00	26.57 -0.40 0.00	23.84 -0.61 0.00	24.00 -0.54 0.00	25.07 -0.56 0.00	26.90 -0.75 0.00	30.22 -0.15 0.00	32.50 0.03 0.00	34.76 -0.28 0.00	35.53 0.35 0.00	37.17 0.62 0.00	38.62 0.91 0.00	40.17 0.55 0.00	40.53 0.72 0.00	42.15 0.13 0.00	44.65 0.04 0.00	48.58 -0.15 0.00	47.81 0.19 0.00	44.40 0.53 0.00	40.94 0.57 0.00	37.32 0.37 0.00	33.57 0.27 0.00	30.23 0.18 0.00
HARZA MOOSE___RIVER 24016	30.26 0.48 0.00	27.25 0.38 0.00	27.33 0.35 0.00	24.72 0.27 0.00	24.79 0.25 0.00	25.89 0.26 0.00	28.04 0.39 0.00	31.19 0.82 0.00	33.47 1.01 0.00	36.16 1.12 0.00	36.41 1.23 0.00	37.79 1.24 0.00	38.92 1.21 0.00	40.96 1.35 0.00	40.53 0.72 0.00	42.57 0.55 0.00	45.18 0.58 0.00	49.56 0.83 0.00	48.72 1.10 0.00	44.93 1.05 0.00	41.46 1.09 0.00	37.77 0.81 0.00	34.01 0.70 0.00	30.62 0.57 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	29.52 -0.27 0.00	26.60 -0.27 0.00	26.68 -0.30 0.00	24.13 -0.32 0.00	24.25 -0.29 0.00	25.32 -0.31 0.00	27.32 -0.33 0.00	30.13 -0.24 0.00	32.30 -0.16 0.00	34.83 -0.21 0.00	35.14 -0.04 0.00	36.59 0.04 0.00	37.83 0.11 0.00	39.65 0.04 0.00	39.85 0.04 0.00	41.89 -0.13 0.00	44.56 -0.04 0.00	48.63 -0.10 0.00	47.57 -0.05 0.00	43.92 0.04 0.00	40.37 0.00 0.00	36.88 -0.07 0.00	33.17 -0.13 0.00	29.87 -0.18 0.00
HELLGATE_13_KV_LD 55870	32.14 2.35 0.00	28.75 1.88 0.00	28.95 1.97 0.00	26.16 1.71 0.00	26.16 1.62 0.00	27.27 1.64 0.00	29.56 1.91 0.00	32.53 2.16 0.00	35.06 2.60 0.00	37.88 2.84 0.00	37.71 2.53 0.00	39.11 2.56 0.00	40.24 2.53 0.00	42.38 2.77 0.00	42.72 2.91 0.00	45.38 3.36 0.00	48.17 3.57 0.00	52.39 3.65 0.00	50.81 3.19 0.00	46.69 2.81 0.00	42.79 2.42 0.00	39.35 2.40 0.00	35.94 2.63 0.00	32.22 2.16 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.14 2.35 0.00	28.75 1.88 0.00	28.95 1.97 0.00	26.16 1.71 0.00	26.16 1.62 0.00	27.27 1.64 0.00	29.56 1.91 0.00	32.53 2.16 0.00	35.06 2.60 0.00	37.88 2.84 0.00	37.71 2.53 0.00	39.11 2.56 0.00	40.24 2.53 0.00	42.38 2.77 0.00	42.72 2.91 0.00	45.38 3.36 0.00	48.17 3.57 0.00	52.39 3.65 0.00	50.81 3.19 0.00	46.69 2.81 0.00	42.79 2.42 0.00	39.35 2.40 0.00	35.94 2.63 0.00	32.22 2.16 0.00
HEMPSTEAD____ 23647	43.03 2.56 -10.68	41.27 2.12 -12.27	37.46 2.21 -8.27	34.85 1.98 -8.43	34.51 1.94 -8.03	35.83 2.02 -8.17	32.28 2.27 -2.36	32.92 2.55 0.00	35.45 2.99 0.00	41.05 3.05 -2.96	46.74 2.89 -8.68	47.67 3.00 -8.12	49.64 3.02 -8.91	56.91 3.25 -14.05	62.99 3.38 -19.79	61.93 3.82 -16.09	67.24 4.15 -18.48	70.98 4.34 -17.92	60.76 3.95 -9.19	55.56 3.51 -8.18	49.51 3.07 -6.07	48.18 2.85 -8.38	44.13 2.83 -8.00	39.68 2.37 -7.26
HEWLETT_69_KV_BK3 55828	43.50 3.04 -10.68	41.64 2.50 -12.27	37.79 2.54 -8.27	35.12 2.25 -8.43	34.75 2.18 -8.03	36.09 2.28 -8.17	32.55 2.54 -2.36	33.23 2.86 0.00	35.75 3.28 0.00	41.68 3.68 -2.96	47.02 3.17 -8.68	47.92 3.25 -8.12	49.91 3.28 -8.91	57.26 3.60 -14.05	63.23 3.62 -19.79	62.22 4.12 -16.09	67.55 4.46 -18.48	71.32 4.68 -17.92	61.15 4.33 -9.19	55.91 3.86 -8.18	49.83 3.39 -6.07	48.48 3.14 -8.38	44.53 3.23 -7.99	39.98 2.67 -7.26
HICKLING___1 23621	30.35 0.57 0.00	27.38 0.51 0.00	27.44 0.46 0.00	24.77 0.32 0.00	24.91 0.37 0.00	26.07 0.44 0.00	28.09 0.44 0.00	31.28 0.91 0.00	33.77 1.30 0.00	36.30 1.26 0.00	36.83 1.65 0.00	38.41 1.86 0.00	39.83 2.11 0.00	41.55 1.94 0.00	41.88 2.07 0.00	43.78 1.76 0.00	46.65 2.05 0.00	50.97 2.24 0.00	50.05 2.43 0.00	46.20 2.33 0.00	42.43 2.06 0.00	38.73 1.77 0.00	34.74 1.43 0.00	31.31 1.26 0.00
HICKLING___2 23622	30.35 0.57 0.00	27.38 0.51 0.00	27.44 0.46 0.00	24.77 0.32 0.00	24.91 0.37 0.00	26.07 0.44 0.00	28.09 0.44 0.00	31.28 0.91 0.00	33.77 1.30 0.00	36.30 1.26 0.00	36.83 1.65 0.00	38.41 1.86 0.00	39.83 2.11 0.00	41.55 1.94 0.00	41.88 2.07 0.00	43.78 1.76 0.00	46.65 2.05 0.00	50.97 2.24 0.00	50.05 2.43 0.00	46.20 2.33 0.00	42.43 2.06 0.00	38.73 1.77 0.00	34.74 1.43 0.00	31.31 1.26 0.00
HIGH FALLS___HY 23754	31.60 1.82 0.00	28.19 1.32 0.00	28.38 1.40 0.00	25.70 1.25 0.00	25.72 1.18 0.00	26.86 1.23 0.00	29.11 1.47 0.00	31.92 1.55 0.00	34.35 1.88 0.00	37.12 2.10 0.02	37.04 1.86 0.00	38.45 1.90 0.00	39.64 1.92 0.00	41.71 2.10 0.00	42.04 2.23 0.00	44.62 2.61 0.00	47.50 2.90 0.00	51.85 3.12 0.00	50.52 2.90 0.00	46.46 2.59 0.00	42.55 2.18 0.00	39.13 2.18 0.00	35.44 2.13 0.00	31.73 1.68 0.00
HILLBURN___GT 23639	31.63 1.85 0.00	28.24 1.37 0.00	28.41 1.43 0.00	25.74 1.29 0.00	25.79 1.25 0.00	26.94 1.31 0.00	29.25 1.60 0.00	32.13 1.76 0.00	34.61 2.14 0.00	37.21 2.17 0.00	37.25 2.07 0.00	38.74 2.19 0.00	39.94 2.22 0.00	42.03 2.42 0.00	42.36 2.55 0.00	44.96 2.94 0.00	47.77 3.17 0.00	52.05 3.32 0.00	50.62 3.00 0.00	46.51 2.63 0.00	42.63 2.26 0.00	39.10 2.14 0.00	35.37 2.07 0.00	31.70 1.65 0.00
HILLSIDE_115KV_TB1 80332	29.79 0.00 0.00	26.84 -0.03 0.00	26.90 -0.08 0.00	24.30 -0.15 0.00	24.42 -0.12 0.00	25.55 -0.08 0.00	27.60 -0.06 0.00	30.65 0.27 0.00	33.05 0.58 0.00	35.57 0.53 0.00	36.02 0.84 0.00	37.57 1.02 0.00	38.92 1.21 0.00	40.64 1.03 0.00	40.97 1.15 0.00	42.90 0.88 0.00	45.63 1.03 0.00	49.80 1.07 0.00	48.81 1.19 0.00	45.02 1.14 0.00	41.38 1.01 0.00	37.80 0.85 0.00	33.97 0.67 0.00	30.59 0.54 0.00
HISHELDN_WT_PWR 323625	29.73 -0.06 0.00	26.82 -0.05 0.00	26.84 -0.13 0.00	24.20 -0.24 0.00	24.25 -0.29 0.00	25.48 -0.15 0.00	27.37 -0.28 0.00	30.68 0.30 0.00	32.92 0.45 0.00	35.88 0.84 0.00	36.23 1.05 0.00	37.68 1.13 0.00	39.00 1.28 0.00	40.80 1.19 0.00	40.92 1.11 0.00	42.65 0.63 0.00	45.27 0.67 0.00	49.32 0.59 0.00	48.48 0.86 0.00	44.93 1.05 0.00	41.34 0.97 0.00	37.69 0.74 0.00	34.21 0.90 0.00	30.71 0.66 0.00
HOLTSVILLE_IC_1 23690	43.80 3.28 -10.74	42.06 2.90 -12.28	38.23 2.97 -8.28	35.49 2.62 -8.43	35.15 2.58 -8.03	36.50 2.69 -8.17	33.09 3.07 -2.37	33.77 3.34 -0.06	36.29 3.76 -0.06	41.95 3.89 -3.02	47.56 3.69 -8.69	48.42 3.69 -8.18	53.61 3.59 -12.31	57.52 3.80 -14.10	64.54 3.90 -20.83	64.20 4.41 -17.77	67.78 4.68 -18.50	84.65 4.97 -30.94	83.08 4.57 -30.89	61.95 4.21 -13.86	59.86 3.79 -15.70	52.06 3.55 -11.56	44.96 3.66 -7.99	40.34 3.03 -7.26
HOLTSVILLE_IC_10 23699	44.04 3.51 -10.74	42.27 3.12 -12.28	38.44 3.18 -8.29	35.69 2.81 -8.43	35.34 2.77 -8.03	36.70 2.90 -8.17	33.29 3.26 -2.37	33.99 3.55 -0.06	36.59 4.06 -0.06	42.30 4.24 -3.03	47.88 4.01 -8.69	48.82 4.09 -8.18	54.24 4.00 -12.53	57.91 4.20 -14.11	65.17 4.34 -21.02	64.73 4.83 -17.88	68.28 5.17 -18.50	86.02 5.50 -31.79	85.01 5.10 -32.29	62.74 4.65 -14.22	60.89 4.20 -16.32	52.63 3.92 -11.76	45.23 3.93 -7.99	40.58 3.28 -7.26
HOLTSVILLE_IC_2 23691	43.80 3.28 -10.74	42.06 2.90 -12.28	38.23 2.97 -8.28	35.49 2.62 -8.43	35.15 2.58 -8.03	36.50 2.69 -8.17	33.09 3.07 -2.37	33.77 3.34 -0.06	36.29 3.76 -0.06	41.95 3.89 -3.02	47.56 3.69 -8.69	48.42 3.69 -8.18	53.61 3.59 -12.31	57.52 3.80 -14.10	64.54 3.90 -20.83	64.20 4.41 -17.77	67.78 4.68 -18.50	84.65 4.97 -30.94	83.08 4.57 -30.89	61.95 4.21 -13.86	59.86 3.79 -15.70	52.06 3.55 -11.56	44.96 3.66 -7.99	40.34 3.03 -7.26
HOLTSVILLE_IC_3 23692	43.80 3.28 -10.74	42.06 2.90 -12.28	38.23 2.97 -8.28	35.49 2.62 -8.43	35.15 2.58 -8.03	36.50 2.69 -8.17	33.09 3.07 -2.37	33.77 3.34 -0.06	36.29 3.76 -0.06	41.95 3.89 -3.02	47.56 3.69 -8.69	48.42 3.69 -8.18	53.61 3.59 -12.31	57.52 3.80 -14.10	64.54 3.90 -20.83	64.20 4.41 -17.77	67.78 4.68 -18.50	84.65 4.97 -30.94	83.08 4.57 -30.89	61.95 4.21 -13.86	59.86 3.79 -15.70	52.06 3.55 -11.56	44.96 3.66 -7.99	40.34 3.03 -7.26

HOLTSVILLE_IC_4 23693	43.80 3.28 -10.74	42.06 2.90 -12.28	38.23 2.97 -8.28	35.49 2.62 -8.43	35.15 2.58 -8.03	36.50 2.69 -8.17	33.09 3.07 -2.37	33.77 3.34 -0.06	36.29 3.76 -0.06	41.95 3.89 -3.02	47.56 3.69 -8.69	48.42 3.69 -8.18	53.61 3.59 -12.31	57.52 3.80 -14.10	64.54 3.90 -20.83	64.20 4.41 -17.77	67.78 4.68 -18.50	84.65 4.97 -30.94	83.08 4.57 -30.89	61.95 4.21 -13.86	59.86 3.79 -15.70	52.06 3.55 -11.56	44.96 3.66 -7.99	40.34 3.03 -7.26
HOLTSVILLE_IC_5 23694	43.80 3.28 -10.74	42.06 2.90 -12.28	38.23 2.97 -8.28	35.49 2.62 -8.43	35.15 2.58 -8.03	36.50 2.69 -8.17	33.09 3.07 -2.37	33.77 3.34 -0.06	36.29 3.76 -0.06	41.95 3.89 -3.02	47.56 3.69 -8.69	48.42 3.69 -8.18	53.61 3.59 -12.31	57.52 3.80 -14.10	64.54 3.90 -20.83	64.20 4.41 -17.77	67.78 4.68 -18.50	84.65 4.97 -30.94	83.08 4.57 -30.89	61.95 4.21 -13.86	59.86 3.79 -15.70	52.06 3.55 -11.56	44.96 3.66 -7.99	40.34 3.03 -7.26
HOLTSVILLE_IC_6 23695	44.04 3.51 -10.74	42.27 3.12 -12.28	38.44 3.18 -8.29	35.69 2.81 -8.43	35.34 2.77 -8.03	36.70 2.90 -8.17	33.29 3.26 -2.37	33.99 3.55 -0.06	36.59 4.06 -0.06	42.30 4.24 -3.03	47.88 4.01 -8.69	48.82 4.09 -8.18	54.24 4.00 -12.53	57.91 4.20 -14.11	65.17 4.34 -21.02	64.73 4.83 -17.88	68.28 5.17 -18.50	86.02 5.50 -31.79	85.01 5.10 -32.29	62.74 4.65 -14.22	60.89 4.20 -16.32	52.63 3.92 -11.76	45.23 3.93 -7.99	40.58 3.28 -7.26
HOLTSVILLE_IC_7 23696	44.04 3.51 -10.74	42.27 3.12 -12.28	38.44 3.18 -8.29	35.69 2.81 -8.43	35.34 2.77 -8.03	36.70 2.90 -8.17	33.29 3.26 -2.37	33.99 3.55 -0.06	36.59 4.06 -0.06	42.30 4.24 -3.03	47.88 4.01 -8.69	48.82 4.09 -8.18	54.24 4.00 -12.53	57.91 4.20 -14.11	65.17 4.34 -21.02	64.73 4.83 -17.88	68.28 5.17 -18.50	86.02 5.50 -31.79	85.01 5.10 -32.29	62.74 4.65 -14.22	60.89 4.20 -16.32	52.63 3.92 -11.76	45.23 3.93 -7.99	40.58 3.28 -7.26
HOLTSVILLE_IC_8 23697	44.04 3.51 -10.74	42.27 3.12 -12.28	38.44 3.18 -8.29	35.69 2.81 -8.43	35.34 2.77 -8.03	36.70 2.90 -8.17	33.29 3.26 -2.37	33.99 3.55 -0.06	36.59 4.06 -0.06	42.30 4.24 -3.03	47.88 4.01 -8.69	48.82 4.09 -8.18	54.24 4.00 -12.53	57.91 4.20 -14.11	65.17 4.34 -21.02	64.73 4.83 -17.88	68.28 5.17 -18.50	86.02 5.50 -31.79	85.01 5.10 -32.29	62.74 4.65 -14.22	60.89 4.20 -16.32	52.63 3.92 -11.76	45.23 3.93 -7.99	40.58 3.28 -7.26
HOLTSVILLE_IC_9 23698	44.04 3.51 -10.74	42.27 3.12 -12.28	38.44 3.18 -8.29	35.69 2.81 -8.43	35.34 2.77 -8.03	36.70 2.90 -8.17	33.29 3.26 -2.37	33.99 3.55 -0.06	36.59 4.06 -0.06	42.30 4.24 -3.03	47.88 4.01 -8.69	48.82 4.09 -8.18	54.24 4.00 -12.53	57.91 4.20 -14.11	65.17 4.34 -21.02	64.73 4.83 -17.88	68.28 5.17 -18.50	86.02 5.50 -31.79	85.01 5.10 -32.29	62.74 4.65 -14.22	60.89 4.20 -16.32	52.63 3.92 -11.76	45.23 3.93 -7.99	40.58 3.28 -7.26
HOMER_HL_115KV_TB2 355744	29.61 -0.18 0.00	26.71 -0.16 0.00	26.76 -0.22 0.00	24.13 -0.32 0.00	24.22 -0.32 0.00	25.43 -0.21 0.00	27.37 -0.28 0.00	30.71 0.33 0.00	32.92 0.45 0.00	35.32 0.28 0.00	35.99 0.81 0.00	37.65 1.10 0.00	39.00 1.28 0.00	40.20 0.59 0.00	40.57 0.76 0.00	42.36 0.34 0.00	44.96 0.36 0.00	48.88 0.15 0.00	48.00 0.38 0.00	44.36 0.48 0.00	40.81 0.44 0.00	37.29 0.33 0.00	33.47 0.17 0.00	30.44 0.39 0.00
HOWARD_WT_PWR 323690	30.53 0.74 0.00	27.49 0.62 0.00	27.49 0.51 0.00	24.82 0.37 0.00	24.91 0.37 0.00	26.12 0.49 0.00	28.23 0.58 0.00	31.53 1.15 0.00	33.80 1.33 0.00	36.69 1.65 0.00	37.00 1.83 0.00	38.52 1.97 0.00	39.75 2.04 0.00	41.51 1.90 0.00	41.72 1.91 0.00	43.53 1.51 0.00	46.39 1.79 0.00	50.68 1.95 0.00	49.86 2.24 0.00	46.16 2.28 0.00	42.43 2.06 0.00	38.73 1.77 0.00	35.00 1.70 0.00	31.49 1.44 0.00
HQ_GEN_CEDARS 23644	29.46 -0.33 0.00	26.87 0.00 0.00	26.92 -0.05 0.00	24.40 -0.05 0.00	24.47 -0.07 0.00	25.53 -0.10 0.00	27.35 -0.30 0.00	30.04 -0.33 0.00	31.88 -0.58 0.00	34.48 -0.56 0.00	34.51 -0.67 0.00	35.75 -0.80 0.00	36.92 -0.79 0.00	38.78 -0.83 0.00	39.10 -0.72 0.00	41.22 -0.80 0.00	43.53 -1.07 0.00	47.66 -1.07 0.00	46.67 -0.95 0.00	42.95 -0.92 0.00	39.72 -0.65 0.00	36.40 -0.55 0.00	32.77 -0.53 0.00	29.78 -0.27 0.00
HQ_GEN_CEDARS_PROXY 323590	29.46 -0.33 0.00	26.87 0.00 0.00	26.92 -0.05 0.00	24.40 -0.05 0.00	24.47 -0.07 0.00	25.53 -0.10 0.00	27.32 -0.33 0.00	30.04 -0.33 0.00	31.88 -0.58 0.00	34.44 -0.60 0.00	34.51 -0.67 0.00	35.75 -0.80 0.00	36.92 -0.79 0.00	38.78 -0.83 0.00	39.10 -0.72 0.00	41.22 -0.80 0.00	43.53 -1.07 0.00	47.66 -1.07 0.00	46.67 -0.95 0.00	42.95 -0.92 0.00	39.72 -0.65 0.00	36.40 -0.55 0.00	32.77 -0.53 0.00	29.78 -0.27 0.00
HQ_GEN_IMPORT 323601	29.49 -0.30 0.00	26.65 -0.22 0.00	26.73 -0.24 0.00	24.23 -0.22 0.00	24.32 -0.22 0.00	25.40 -0.23 0.00	27.37 -0.28 0.00	30.07 -0.30 0.00	31.98 -0.49 0.00	34.52 -0.52 0.00	34.61 -0.56 0.00	35.96 -0.59 0.00	37.11 -0.60 0.00	38.98 -0.64 0.00	39.22 -0.60 0.00	41.39 -0.63 0.00	43.89 -0.72 0.00	48.00 -0.73 0.00	46.91 -0.71 0.00	43.22 -0.66 0.00	39.77 -0.60 0.00	36.44 -0.52 0.00	32.81 -0.50 0.00	29.75 -0.30 0.00
HQ_GEN_WHEEL 23651	29.49 -0.30 0.00	26.65 -0.22 0.00	26.73 -0.24 0.00	24.23 -0.22 0.00	24.32 -0.22 0.00	25.40 -0.23 0.00	27.37 -0.28 0.00	30.07 -0.30 0.00	31.98 -0.49 0.00	34.52 -0.52 0.00	34.61 -0.56 0.00	35.96 -0.59 0.00	37.11 -0.60 0.00	38.98 -0.64 0.00	39.22 -0.60 0.00	41.39 -0.63 0.00	43.89 -0.72 0.00	48.00 -0.73 0.00	46.91 -0.71 0.00	43.22 -0.66 0.00	39.77 -0.60 0.00	36.44 -0.52 0.00	32.81 -0.50 0.00	29.75 -0.30 0.00
HUDSON_AVE_GT_3 23810	32.05 2.26 0.00	28.67 1.80 0.00	28.89 1.92 0.00	26.14 1.69 0.00	26.14 1.60 0.00	27.30 1.67 0.00	29.56 1.91 0.00	32.62 2.25 0.00	35.13 2.66 0.00	37.98 2.94 0.00	37.85 2.67 0.00	39.22 2.67 0.00	40.36 2.64 0.00	42.50 2.89 0.00	42.84 3.03 0.00	45.51 3.49 0.00	48.35 3.75 0.00	52.63 3.90 0.00	51.10 3.48 0.00	46.95 3.07 0.00	42.95 2.58 0.00	39.39 2.44 0.00	35.87 2.56 0.00	32.15 2.10 0.00
HUDSON_AVE_GT_4 23540	32.05 2.26 0.00	28.67 1.80 0.00	28.89 1.92 0.00	26.14 1.69 0.00	26.14 1.60 0.00	27.30 1.67 0.00	29.56 1.91 0.00	32.62 2.25 0.00	35.13 2.66 0.00	37.98 2.94 0.00	37.85 2.67 0.00	39.22 2.67 0.00	40.36 2.64 0.00	42.50 2.89 0.00	42.84 3.03 0.00	45.51 3.49 0.00	48.35 3.75 0.00	52.63 3.90 0.00	51.10 3.48 0.00	46.95 3.07 0.00	42.95 2.58 0.00	39.39 2.44 0.00	35.87 2.56 0.00	32.15 2.10 0.00
HUDSON_AVE_GT_5 23657	32.05 2.26 0.00	28.67 1.80 0.00	28.89 1.92 0.00	26.14 1.69 0.00	26.14 1.60 0.00	27.30 1.67 0.00	29.56 1.91 0.00	32.62 2.25 0.00	35.13 2.66 0.00	37.98 2.94 0.00	37.85 2.67 0.00	39.22 2.67 0.00	40.36 2.64 0.00	42.50 2.89 0.00	42.84 3.03 0.00	45.51 3.49 0.00	48.35 3.75 0.00	52.63 3.90 0.00	51.10 3.48 0.00	46.95 3.07 0.00	42.95 2.58 0.00	39.39 2.44 0.00	35.87 2.56 0.00	32.15 2.10 0.00

HUDSON_AVE_10 24168	31.99 2.20 0.00	28.62 1.75 0.00	28.81 1.83 0.00	26.06 1.61 0.00	26.06 1.52 0.00	27.22 1.59 0.00	29.50 1.85 0.00	32.56 2.19 0.00	35.06 2.60 0.00	37.91 2.87 0.00	37.71 2.53 0.00	39.07 2.52 0.00	40.24 2.53 0.00	42.38 2.77 0.00	42.72 2.91 0.00	45.38 3.36 0.00	48.26 3.66 0.00	52.48 3.75 0.00	50.95 3.33 0.00	46.82 2.94 0.00	42.87 2.50 0.00	39.28 2.33 0.00	35.80 2.50 0.00	32.09 2.04 0.00
HUDSON___115KV_TB 4 355613	31.19 1.40 0.00	28.11 1.24 0.00	28.22 1.24 0.00	25.57 1.12 0.00	25.72 1.18 0.00	26.86 1.23 0.00	29.15 1.52 0.02	31.62 1.25 0.00	33.93 1.46 0.00	36.64 1.75 0.16	36.51 1.34 0.00	37.98 1.43 0.00	39.11 1.40 0.00	41.08 1.47 0.00	41.09 1.27 0.00	43.62 1.60 0.00	46.34 1.74 0.00	50.73 2.00 0.00	49.43 1.81 0.00	45.59 1.71 0.00	42.07 1.70 0.00	38.76 1.81 0.00	34.94 1.63 0.00	31.25 1.20 0.00
HUNTER MOUNT___DRP 323613	31.19 1.40 0.00	28.11 1.24 0.00	28.22 1.24 0.00	25.55 1.10 0.00	25.72 1.18 0.00	26.84 1.20 0.00	29.21 1.58 0.02	31.53 1.15 0.00	33.83 1.36 0.00	36.71 1.79 0.12	36.48 1.30 0.00	37.94 1.39 0.00	39.07 1.36 0.00	41.00 1.39 0.00	41.01 1.19 0.00	43.49 1.47 0.00	46.25 1.65 0.00	50.68 1.95 0.00	49.38 1.76 0.00	45.63 1.76 0.00	42.15 1.78 0.00	38.95 2.00 0.00	35.04 1.73 0.00	31.31 1.26 0.00
HUNTINGTON_RES_REC 323705	43.75 3.13 -10.84	41.74 2.61 -12.26	37.85 2.62 -8.26	35.20 2.32 -8.43	34.85 2.28 -8.03	36.19 2.38 -8.17	32.74 2.74 -2.35	33.24 2.92 0.05	36.13 3.51 -0.16	41.95 3.79 -3.12	47.24 3.34 -8.72	48.37 3.54 -8.28	58.77 3.59 -17.47	57.50 3.68 -14.20	65.57 3.78 -21.97	66.59 4.24 -20.33	67.78 4.60 -18.58	104.35 4.92 -50.70	115.97 4.57 -63.78	56.14 4.03 -8.23	66.45 3.63 -22.44	54.32 3.55 -13.82	44.70 3.40 -7.99	40.07 2.76 -7.26
HUNTLEY___63 23557	29.58 -0.21 0.00	26.74 -0.13 0.00	26.68 -0.30 0.00	24.11 -0.34 0.00	24.07 -0.47 0.00	25.35 -0.28 0.00	27.18 -0.47 0.00	30.49 0.12 0.00	32.79 0.32 0.00	35.08 0.04 0.00	35.88 0.70 0.00	37.57 1.02 0.00	39.00 1.28 0.00	40.56 0.95 0.00	40.93 1.11 0.00	42.57 0.55 0.00	45.18 0.58 0.00	49.12 0.39 0.00	48.29 0.67 0.00	44.80 0.92 0.00	41.26 0.89 0.00	37.66 0.70 0.00	33.87 0.57 0.00	30.44 0.39 0.00
HUNTLEY___64 23558	29.58 -0.21 0.00	26.74 -0.13 0.00	26.68 -0.30 0.00	24.11 -0.34 0.00	24.07 -0.47 0.00	25.35 -0.28 0.00	27.18 -0.47 0.00	30.49 0.12 0.00	32.79 0.32 0.00	35.08 0.04 0.00	35.88 0.70 0.00	37.57 1.02 0.00	39.00 1.28 0.00	40.56 0.95 0.00	40.93 1.11 0.00	42.57 0.55 0.00	45.18 0.58 0.00	49.12 0.39 0.00	48.29 0.67 0.00	44.80 0.92 0.00	41.26 0.89 0.00	37.66 0.70 0.00	33.87 0.57 0.00	30.44 0.39 0.00
HUNTLEY___65 23559	29.58 -0.21 0.00	26.74 -0.13 0.00	26.68 -0.30 0.00	24.11 -0.34 0.00	24.07 -0.47 0.00	25.35 -0.28 0.00	27.18 -0.47 0.00	30.49 0.12 0.00	32.79 0.32 0.00	35.08 0.04 0.00	35.88 0.70 0.00	37.57 1.02 0.00	39.00 1.28 0.00	40.56 0.95 0.00	40.93 1.11 0.00	42.57 0.55 0.00	45.18 0.58 0.00	49.12 0.39 0.00	48.29 0.67 0.00	44.80 0.92 0.00	41.26 0.89 0.00	37.66 0.70 0.00	33.87 0.57 0.00	30.44 0.39 0.00
HUNTLEY___66 23560	29.58 -0.21 0.00	26.74 -0.13 0.00	26.68 -0.30 0.00	24.11 -0.34 0.00	24.07 -0.47 0.00	25.35 -0.28 0.00	27.18 -0.47 0.00	30.49 0.12 0.00	32.79 0.32 0.00	35.08 0.04 0.00	35.88 0.70 0.00	37.57 1.02 0.00	39.00 1.28 0.00	40.56 0.95 0.00	40.93 1.11 0.00	42.57 0.55 0.00	45.18 0.58 0.00	49.12 0.39 0.00	48.29 0.67 0.00	44.80 0.92 0.00	41.26 0.89 0.00	37.66 0.70 0.00	33.87 0.57 0.00	30.44 0.39 0.00
HUNTLEY___67 23561	29.37 -0.42 0.00	26.49 -0.38 0.00	26.54 -0.43 0.00	23.91 -0.54 0.00	23.95 -0.59 0.00	25.12 -0.51 0.00	26.99 -0.66 0.00	30.28 -0.09 0.00	32.53 0.06 0.00	34.79 -0.25 0.00	35.56 0.39 0.00	37.24 0.69 0.00	38.66 0.94 0.00	40.20 0.59 0.00	40.61 0.80 0.00	42.23 0.21 0.00	44.78 0.18 0.00	48.68 -0.05 0.00	47.86 0.24 0.00	44.40 0.53 0.00	40.90 0.52 0.00	37.32 0.37 0.00	33.61 0.30 0.00	30.17 0.12 0.00
HUNTLEY___68 23562	29.37 -0.42 0.00	26.49 -0.38 0.00	26.54 -0.43 0.00	23.91 -0.54 0.00	23.95 -0.59 0.00	25.12 -0.51 0.00	26.99 -0.66 0.00	30.28 -0.09 0.00	32.53 0.06 0.00	34.79 -0.25 0.00	35.56 0.39 0.00	37.24 0.69 0.00	38.66 0.94 0.00	40.20 0.59 0.00	40.61 0.80 0.00	42.23 0.21 0.00	44.78 0.18 0.00	48.68 -0.05 0.00	47.86 0.24 0.00	44.40 0.53 0.00	40.90 0.52 0.00	37.32 0.37 0.00	33.61 0.30 0.00	30.17 0.12 0.00
HYLAND___LFGE 323620	31.16 1.37 0.00	28.19 1.32 0.00	28.14 1.16 0.00	25.35 0.91 0.00	25.45 0.91 0.00	26.63 1.00 0.00	28.70 1.05 0.00	31.74 1.37 0.00	33.57 1.10 0.00	36.23 1.19 0.00	35.81 0.63 0.00	37.02 0.47 0.00	37.04 -0.68 0.00	38.86 -0.75 0.00	39.49 -0.32 0.00	41.22 -0.80 0.00	44.07 -0.53 0.00	48.63 -0.10 0.00	48.95 1.33 0.00	45.76 1.89 0.00	42.51 2.14 0.00	38.73 1.77 0.00	36.00 2.70 0.00	32.18 2.13 0.00
INDECK___CORINTH 23802	31.39 1.61 0.00	28.35 1.48 0.00	28.46 1.48 0.00	25.77 1.32 0.00	25.99 1.45 0.00	27.07 1.43 0.00	29.42 1.74 -0.02	32.16 1.79 0.00	34.51 2.05 0.00	37.35 2.17 -0.14	37.25 2.07 0.00	38.74 2.19 0.00	39.42 1.70 0.00	41.43 1.82 0.00	41.48 1.67 0.00	43.83 1.81 0.00	46.48 1.87 0.00	50.82 2.09 0.00	49.86 2.24 0.00	46.11 2.24 0.00	43.08 2.71 0.00	39.50 2.55 0.00	35.27 1.96 0.00	31.46 1.41 0.00
INDECK___ILION 23567	29.91 0.12 0.00	26.90 0.03 0.00	27.00 0.03 0.00	24.47 0.02 0.00	24.57 0.02 0.00	25.66 0.03 0.00	27.79 0.14 0.00	30.49 0.12 0.00	32.66 0.19 0.00	35.25 0.21 0.00	35.42 0.25 0.00	36.77 0.22 0.00	37.91 0.19 0.00	39.81 0.20 0.00	39.97 0.16 0.00	42.19 0.17 0.00	44.78 0.18 0.00	48.93 0.19 0.00	47.86 0.24 0.00	44.10 0.22 0.00	40.57 0.20 0.00	37.10 0.15 0.00	33.44 0.13 0.00	30.14 0.09 0.00
INDECK___OLEAN 23982	29.58 -0.21 0.00	26.74 -0.13 0.00	26.73 -0.24 0.00	24.16 -0.29 0.00	24.20 -0.34 0.00	25.43 -0.21 0.00	27.40 -0.25 0.00	30.71 0.33 0.00	32.92 0.45 0.00	35.78 0.74 0.00	36.20 1.02 0.00	37.68 1.13 0.00	39.00 1.28 0.00	40.36 0.75 0.00	40.57 0.75 0.00	42.32 0.30 0.00	44.92 0.31 0.00	48.88 0.15 0.00	48.00 0.38 0.00	44.36 0.48 0.00	40.82 0.44 0.00	37.28 0.33 0.00	33.77 0.47 0.00	30.65 0.60 0.00
INDECK___OSWEGO 23783	29.16 -0.63 0.00	26.28 -0.59 0.00	26.36 -0.62 0.00	23.86 -0.59 0.00	23.95 -0.59 0.00	25.02 -0.62 0.00	27.02 -0.63 0.00	29.79 -0.58 0.00	31.66 -0.81 0.00	34.20 -0.84 0.00	34.40 -0.77 0.00	35.75 -0.80 0.00	36.92 -0.79 0.00	38.74 -0.87 0.00	38.90 -0.91 0.00	40.89 -1.13 0.00	43.49 -1.11 0.00	47.51 -1.22 0.00	46.53 -1.09 0.00	42.91 -0.97 0.00	39.48 -0.89 0.00	36.10 -0.85 0.00	32.54 -0.76 0.00	29.54 -0.51 0.00



INDECK___YERKES 23781	29.67 -0.12 0.00	26.71 -0.16 0.00	26.79 -0.19 0.00	24.16 -0.29 0.00	24.15 -0.39 0.00	25.32 -0.31 0.00	27.21 -0.44 0.00	30.53 0.15 0.00	32.82 0.36 0.00	35.88 0.84 0.00	36.23 1.05 0.00	37.68 1.13 0.00	39.04 1.32 0.00	40.88 1.27 0.00	40.97 1.16 0.00	42.61 0.59 0.00	45.23 0.62 0.00	49.22 0.49 0.00	48.38 0.76 0.00	44.84 0.96 0.00	41.30 0.93 0.00	37.69 0.74 0.00	34.34 1.03 0.00	30.80 0.75 0.00
INDIAN POINT_GT_1 24139	31.69 1.91 0.00	28.40 1.53 0.00	28.60 1.62 0.00	25.89 1.44 0.00	25.92 1.37 0.00	27.07 1.44 0.00	29.31 1.66 0.00	32.23 1.85 0.00	34.67 2.21 0.00	37.46 2.42 0.00	37.39 2.22 0.00	38.82 2.27 0.00	39.98 2.26 0.00	42.11 2.50 0.00	42.36 2.55 0.00	45.00 2.98 0.00	47.81 3.21 0.00	52.09 3.36 0.00	50.67 3.05 0.00	46.55 2.68 0.00	42.67 2.30 0.00	39.10 2.14 0.00	35.44 2.13 0.00	31.79 1.74 0.00
INDIAN POINT_GT_2 23659	31.69 1.91 0.00	28.40 1.53 0.00	28.60 1.62 0.00	25.89 1.44 0.00	25.92 1.37 0.00	27.07 1.44 0.00	29.31 1.66 0.00	32.23 1.85 0.00	34.67 2.21 0.00	37.46 2.42 0.00	37.39 2.22 0.00	38.82 2.27 0.00	39.98 2.26 0.00	42.11 2.50 0.00	42.36 2.55 0.00	45.00 2.98 0.00	47.81 3.21 0.00	52.09 3.36 0.00	50.67 3.05 0.00	46.55 2.68 0.00	42.67 2.30 0.00	39.10 2.14 0.00	35.44 2.13 0.00	31.79 1.74 0.00
INDIAN POINT_GT_3 24019	31.69 1.91 0.00	28.40 1.53 0.00	28.60 1.62 0.00	25.89 1.44 0.00	25.92 1.37 0.00	27.07 1.44 0.00	29.31 1.66 0.00	32.23 1.85 0.00	34.67 2.21 0.00	37.46 2.42 0.00	37.39 2.22 0.00	38.82 2.27 0.00	39.98 2.26 0.00	42.11 2.50 0.00	42.36 2.55 0.00	45.00 2.98 0.00	47.81 3.21 0.00	52.09 3.36 0.00	50.67 3.05 0.00	46.55 2.68 0.00	42.67 2.30 0.00	39.10 2.14 0.00	35.44 2.13 0.00	31.79 1.74 0.00
INDIAN POINT___2 23530	31.63 1.85 0.00	28.35 1.48 0.00	28.54 1.56 0.00	25.84 1.39 0.00	25.89 1.35 0.00	27.04 1.41 0.00	29.25 1.60 0.00	32.16 1.79 0.00	34.61 2.14 0.00	37.21 2.17 0.00	37.25 2.07 0.00	38.74 2.19 0.00	39.90 2.19 0.00	41.99 2.38 0.00	42.32 2.51 0.00	44.92 2.90 0.00	47.72 3.12 0.00	52.00 3.27 0.00	50.53 2.91 0.00	46.46 2.59 0.00	42.59 2.22 0.00	39.06 2.11 0.00	35.34 2.03 0.00	31.70 1.65 0.00
INDIAN POINT___3 23531	31.63 1.85 0.00	28.35 1.48 0.00	28.57 1.59 0.00	25.87 1.42 0.00	25.89 1.35 0.00	27.04 1.41 0.00	29.28 1.63 0.00	32.16 1.79 0.00	34.61 2.14 0.00	37.39 2.35 0.00	37.36 2.18 0.00	38.74 2.19 0.00	39.90 2.19 0.00	42.03 2.42 0.00	42.32 2.51 0.00	44.92 2.90 0.00	47.73 3.12 0.00	52.00 3.26 0.00	50.52 2.90 0.00	46.46 2.59 0.00	42.59 2.22 0.00	39.02 2.07 0.00	35.40 2.10 0.00	31.73 1.68 0.00
INGHAM_C_115KV_TB7 356103	29.82 0.03 0.00	26.76 -0.11 0.00	26.84 -0.13 0.00	24.35 -0.10 0.00	24.44 -0.10 0.00	25.53 -0.10 0.00	27.73 0.08 0.00	30.43 0.06 0.00	32.60 0.13 0.00	35.18 0.14 0.00	35.35 0.18 0.00	36.66 0.11 0.00	37.79 0.08 0.00	39.69 0.08 0.00	39.77 -0.04 0.00	41.89 -0.13 0.00	44.47 -0.13 0.00	48.58 -0.15 0.00	47.57 -0.05 0.00	43.83 -0.04 0.00	40.33 -0.04 0.00	36.88 -0.07 0.00	33.27 -0.03 0.00	29.99 -0.06 0.00
IP CORINTH___1 23988	31.54 1.76 0.00	28.51 1.64 0.00	28.62 1.65 0.00	25.92 1.47 0.00	26.11 1.57 0.00	27.25 1.61 0.00	29.58 1.91 -0.02	32.35 1.97 0.00	34.71 2.24 0.00	37.63 2.45 -0.14	37.50 2.32 0.00	38.96 2.41 0.00	39.64 1.92 0.00	41.75 2.14 0.00	41.72 1.91 0.00	44.08 2.06 0.00	46.70 2.10 0.00	51.12 2.39 0.00	50.14 2.52 0.00	46.38 2.50 0.00	43.32 2.95 0.00	39.72 2.77 0.00	35.67 2.36 0.00	31.82 1.77 0.00
IP___TICONDEROGA 23804	33.42 3.63 0.00	30.10 3.22 0.00	30.19 3.21 0.00	27.26 2.81 0.00	27.56 3.02 0.00	28.76 3.13 0.00	31.55 3.87 -0.02	34.66 4.28 0.00	37.11 4.64 0.00	40.27 5.08 -0.15	40.28 5.10 0.00	41.89 5.34 0.00	42.58 4.87 0.00	44.84 5.23 0.00	44.67 4.86 0.00	47.02 5.00 0.00	49.87 5.26 0.00	54.72 5.99 0.00	53.52 5.90 0.00	49.67 5.79 0.00	46.51 6.14 0.00	42.68 5.73 0.00	38.14 4.83 0.00	33.87 3.82 0.00
ISLIP_RES_REC 323679	44.24 3.72 -10.74	42.43 3.28 -12.28	38.58 3.32 -8.28	35.81 2.93 -8.43	35.46 2.89 -8.03	36.85 3.05 -8.17	33.45 3.43 -2.37	34.22 3.80 -0.06	36.84 4.32 -0.06	42.61 4.55 -3.02	48.19 4.33 -8.69	49.18 4.46 -8.18	54.33 4.41 -12.20	58.38 4.67 -14.10	65.68 4.82 -21.06	65.07 5.34 -17.72	68.77 5.67 -18.50	85.32 6.04 -30.55	83.46 5.62 -30.23	64.03 5.13 -15.03	61.12 4.60 -16.15	52.94 4.28 -11.70	45.50 4.20 -7.99	40.79 3.48 -7.26
JAMAICA__27_KV_LOAD 355505	32.23 2.44 0.00	28.78 1.91 0.00	29.00 2.02 0.00	26.18 1.74 0.00	26.16 1.62 0.00	27.35 1.72 0.00	29.64 1.99 0.00	32.77 2.40 0.00	35.32 2.86 0.00	38.23 3.19 0.00	37.85 2.67 0.00	39.25 2.70 0.00	40.39 2.68 0.00	42.58 2.97 0.00	42.92 3.11 0.00	45.63 3.61 0.00	48.57 3.97 0.00	52.87 4.14 0.00	51.33 3.71 0.00	47.17 3.29 0.00	43.16 2.79 0.00	39.50 2.55 0.00	36.07 2.76 0.00	32.27 2.22 0.00
JANIS___SOLAR 323808	31.27 1.49 0.00	28.13 1.26 0.00	28.19 1.22 0.00	25.45 1.00 0.00	25.57 1.03 0.00	26.76 1.13 0.00	28.98 1.33 0.00	32.07 1.70 0.00	34.28 1.82 0.00	36.93 1.89 0.00	37.08 1.90 0.00	38.45 1.90 0.00	39.64 1.92 0.00	41.55 1.94 0.00	41.76 1.95 0.00	43.83 1.81 0.00	46.79 2.19 0.00	51.46 2.73 0.00	50.90 3.28 0.00	47.17 3.29 0.00	43.48 3.11 0.00	39.50 2.55 0.00	35.47 2.16 0.00	31.88 1.83 0.00
JARVIS____ 23743	29.85 0.06 0.00	26.92 0.05 0.00	27.03 0.05 0.00	24.50 0.05 0.00	24.59 0.05 0.00	25.68 0.05 0.00	27.73 0.08 0.00	30.43 0.06 0.00	32.56 0.10 0.00	35.15 0.11 0.00	35.28 0.11 0.00	36.66 0.11 0.00	37.83 0.11 0.00	39.73 0.12 0.00	39.97 0.16 0.00	42.19 0.17 0.00	44.78 0.18 0.00	48.93 0.20 0.00	47.81 0.19 0.00	44.05 0.18 0.00	40.53 0.16 0.00	37.06 0.11 0.00	33.41 0.10 0.00	30.11 0.06 0.00
JENNISON___1 23625	31.51 1.73 0.00	28.35 1.48 0.00	28.43 1.46 0.00	25.67 1.22 0.00	25.77 1.23 0.00	26.91 1.28 0.00	29.20 1.55 0.00	32.32 1.94 0.00	34.71 2.24 0.00	37.42 2.38 0.00	37.71 2.53 0.00	39.18 2.63 0.00	40.36 2.64 0.00	42.38 2.77 0.00	42.56 2.75 0.00	44.62 2.61 0.00	47.50 2.90 0.00	52.04 3.31 0.00	51.24 3.62 0.00	47.30 3.42 0.00	43.60 3.23 0.00	39.58 2.62 0.00	35.54 2.23 0.00	31.94 1.89 0.00
JENNISON___2 23626	31.51 1.73 0.00	28.35 1.48 0.00	28.43 1.46 0.00	25.67 1.22 0.00	25.77 1.23 0.00	26.91 1.28 0.00	29.20 1.55 0.00	32.32 1.94 0.00	34.71 2.24 0.00	37.42 2.38 0.00	37.71 2.53 0.00	39.18 2.63 0.00	40.36 2.64 0.00	42.38 2.77 0.00	42.56 2.75 0.00	44.62 2.61 0.00	47.50 2.90 0.00	52.04 3.31 0.00	51.24 3.62 0.00	47.30 3.42 0.00	43.60 3.23 0.00	39.58 2.62 0.00	35.54 2.23 0.00	31.94 1.89 0.00

JERICO_RISE_WT_PWR 323719	29.55 -0.24 0.00	26.79 -0.08 0.00	26.87 -0.11 0.00	24.38 -0.07 0.00	24.47 -0.07 0.00	25.58 -0.05 0.00	27.87 0.22 0.00	30.71 0.33 0.00	32.56 0.10 0.00	35.22 0.18 0.00	35.21 0.04 0.00	36.51 -0.04 0.00	37.83 0.11 0.00	39.69 0.08 0.00	40.05 0.24 0.00	42.27 0.25 0.00	44.69 0.09 0.00	48.88 0.15 0.00	47.91 0.29 0.00	44.05 0.18 0.00	40.82 0.44 0.00	37.36 0.41 0.00	33.47 0.17 0.00	30.35 0.30 0.00
KATONAH__115KV_46KV_TB4 355592	31.90 2.11 0.00	28.59 1.72 0.00	28.78 1.81 0.00	26.09 1.64 0.00	26.09 1.55 0.00	27.25 1.61 0.00	29.50 1.85 0.00	32.50 2.13 0.00	34.97 2.50 0.00	37.77 2.73 0.00	37.74 2.57 0.00	39.15 2.60 0.00	40.32 2.60 0.00	42.46 2.85 0.00	42.76 2.95 0.00	45.42 3.40 0.00	48.22 3.61 0.00	52.63 3.90 0.00	51.19 3.57 0.00	47.03 3.16 0.00	43.20 2.83 0.00	39.39 2.44 0.00	35.60 2.30 0.00	31.94 1.89 0.00
KCE_NY_1 323755	31.72 1.93 0.00	28.62 1.75 0.00	28.76 1.78 0.00	26.04 1.59 0.00	26.21 1.67 0.00	27.35 1.72 0.00	29.67 1.99 -0.03	32.38 2.00 0.00	34.74 2.27 0.00	37.63 2.42 -0.17	37.57 2.39 0.00	39.07 2.52 0.00	40.06 2.34 0.00	42.15 2.54 0.00	42.16 2.35 0.00	44.67 2.65 0.00	47.37 2.77 0.00	51.80 3.07 0.00	50.57 2.95 0.00	46.69 2.81 0.00	43.24 2.87 0.00	39.69 2.73 0.00	35.57 2.27 0.00	31.79 1.74 0.00
KCE_NY_6_ESR 323823	29.76 -0.03 0.00	26.87 0.00 0.00	26.87 -0.11 0.00	24.23 -0.22 0.00	24.25 -0.29 0.00	25.48 -0.15 0.00	27.40 -0.25 0.00	30.77 0.39 0.00	33.05 0.59 0.00	36.06 1.02 0.00	36.44 1.26 0.00	37.90 1.35 0.00	39.26 1.55 0.00	41.08 1.47 0.00	41.24 1.43 0.00	42.90 0.88 0.00	45.54 0.94 0.00	49.56 0.83 0.00	48.67 1.05 0.00	45.10 1.23 0.00	41.54 1.17 0.00	37.91 0.96 0.00	34.47 1.17 0.00	30.92 0.87 0.00
KEDC_PORT_JEFF_GT2 24210	43.96 3.42 -10.75	42.14 2.98 -12.29	38.31 3.05 -8.29	35.56 2.69 -8.43	35.22 2.65 -8.03	36.57 2.77 -8.17	33.18 3.15 -2.38	33.87 3.43 -0.07	36.46 3.93 -0.07	42.17 4.10 -3.03	47.74 3.87 -8.69	48.69 3.95 -8.19	54.49 3.81 -12.97	57.69 3.96 -14.12	64.80 3.94 -21.05	64.44 4.33 -18.09	67.75 4.64 -18.51	87.12 4.92 -33.47	87.24 4.53 -35.09	61.54 4.21 -13.45	60.94 3.84 -16.73	52.63 3.77 -11.90	45.13 3.83 -7.99	40.46 3.15 -7.26
KEDC_PORT_JEFF_GT3 24211	43.96 3.42 -10.75	42.14 2.98 -12.29	38.31 3.05 -8.29	35.56 2.69 -8.43	35.22 2.65 -8.03	36.57 2.77 -8.17	33.18 3.15 -2.38	33.87 3.43 -0.07	36.46 3.93 -0.07	42.17 4.10 -3.03	47.74 3.87 -8.69	48.69 3.95 -8.19	54.49 3.81 -12.97	57.69 3.96 -14.12	64.80 3.94 -21.05	64.44 4.33 -18.09	67.75 4.64 -18.51	87.12 4.92 -33.47	87.24 4.53 -35.09	61.54 4.21 -13.45	60.94 3.84 -16.73	52.63 3.77 -11.90	45.13 3.83 -7.99	40.46 3.15 -7.26
KEDC_GLWD_GT4 24219	42.85 2.38 -10.68	41.08 1.94 -12.27	37.44 2.18 -8.27	34.83 1.96 -8.43	34.46 1.89 -8.03	35.78 1.97 -8.17	32.25 2.24 -2.36	32.92 2.55 0.00	35.45 2.99 0.00	40.88 2.87 -2.96	46.63 2.78 -8.68	47.60 2.93 -8.12	49.57 2.94 -8.91	56.83 3.17 -14.05	62.91 3.30 -19.79	61.89 3.78 -16.09	67.15 4.06 -18.48	70.88 4.24 -17.92	60.67 3.86 -9.19	55.48 3.42 -8.18	49.39 2.95 -6.07	48.07 2.73 -8.38	43.93 2.63 -8.00	39.68 2.37 -7.26
KEDC_GLWD_GT5 24220	42.85 2.38 -10.68	41.08 1.94 -12.27	37.44 2.18 -8.27	34.83 1.96 -8.43	34.46 1.89 -8.03	35.78 1.97 -8.17	32.25 2.24 -2.36	32.92 2.55 0.00	35.45 2.99 0.00	40.88 2.87 -2.96	46.63 2.78 -8.68	47.60 2.93 -8.12	49.57 2.94 -8.91	56.83 3.17 -14.05	62.91 3.30 -19.79	61.89 3.78 -16.09	67.15 4.06 -18.48	70.88 4.24 -17.92	60.67 3.86 -9.19	55.48 3.42 -8.18	49.39 2.95 -6.07	48.07 2.73 -8.38	43.93 2.63 -8.00	39.68 2.37 -7.26
KENSICO____ 23655	31.81 2.03 0.00	28.51 1.64 0.00	28.70 1.73 0.00	25.99 1.54 0.00	26.01 1.47 0.00	27.17 1.54 0.00	29.42 1.77 0.00	32.35 1.97 0.00	34.84 2.37 0.00	37.63 2.59 0.00	37.57 2.39 0.00	38.96 2.41 0.00	40.13 2.41 0.00	42.26 2.65 0.00	42.56 2.75 0.00	45.17 3.15 0.00	48.04 3.43 0.00	52.29 3.56 0.00	50.81 3.19 0.00	46.73 2.85 0.00	42.79 2.42 0.00	39.21 2.25 0.00	35.57 2.26 0.00	31.88 1.83 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.66 1.88 0.00	28.27 1.40 0.00	28.43 1.46 0.00	25.74 1.30 0.00	25.79 1.25 0.00	26.94 1.31 0.00	29.20 1.55 0.00	31.98 1.61 0.00	34.41 1.95 0.00	37.20 2.17 0.01	37.11 1.93 0.00	38.52 1.97 0.00	39.72 2.00 0.00	41.79 2.18 0.00	42.08 2.27 0.00	44.71 2.69 0.00	47.55 2.94 0.00	51.95 3.22 0.00	50.57 2.95 0.00	46.55 2.68 0.00	42.67 2.30 0.00	39.28 2.33 0.00	35.54 2.23 0.00	31.82 1.77 0.00
KIAC_JFK_GT1 23816	32.11 2.32 0.00	28.70 1.83 0.00	28.92 1.94 0.00	26.11 1.66 0.00	26.09 1.55 0.00	27.27 1.64 0.00	29.56 1.91 0.00	32.65 2.28 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.74 2.57 0.00	39.11 2.56 0.00	40.24 2.53 0.00	42.42 2.81 0.00	42.76 2.95 0.00	45.42 3.40 0.00	48.35 3.75 0.00	52.63 3.90 0.00	51.10 3.48 0.00	46.95 3.07 0.00	42.95 2.58 0.00	39.32 2.36 0.00	35.94 2.63 0.00	32.15 2.10 0.00
KIAC_JFK_GT2 23817	32.11 2.32 0.00	28.70 1.83 0.00	28.92 1.94 0.00	26.11 1.66 0.00	26.09 1.55 0.00	27.27 1.64 0.00	29.56 1.91 0.00	32.65 2.28 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.74 2.57 0.00	39.11 2.56 0.00	40.24 2.53 0.00	42.42 2.81 0.00	42.76 2.95 0.00	45.42 3.40 0.00	48.35 3.75 0.00	52.63 3.90 0.00	51.10 3.48 0.00	46.95 3.07 0.00	42.95 2.58 0.00	39.32 2.36 0.00	35.94 2.63 0.00	32.15 2.10 0.00
KIAC_JFK____ 323774	32.08 2.29 0.00	28.70 1.83 0.00	28.89 1.92 0.00	26.11 1.66 0.00	26.09 1.55 0.00	27.27 1.64 0.00	29.56 1.91 0.00	32.65 2.28 0.00	35.19 2.73 0.00	37.84 2.80 0.00	37.60 2.43 0.00	39.07 2.52 0.00	40.24 2.53 0.00	42.34 2.73 0.00	42.76 2.95 0.00	45.47 3.45 0.00	48.35 3.75 0.00	52.63 3.90 0.00	51.09 3.47 0.00	46.95 3.07 0.00	42.96 2.59 0.00	39.32 2.37 0.00	35.84 2.53 0.00	32.12 2.07 0.00
KINTIGH____ 23543	29.22 -0.57 0.00	26.39 -0.48 0.00	26.38 -0.59 0.00	23.81 -0.64 0.00	23.83 -0.71 0.00	24.99 -0.64 0.00	26.88 -0.77 0.00	30.07 -0.30 0.00	32.27 -0.19 0.00	34.55 -0.49 0.00	35.25 0.07 0.00	36.84 0.29 0.00	38.24 0.53 0.00	39.85 0.24 0.00	40.17 0.36 0.00	41.81 -0.21 0.00	44.38 -0.22 0.00	48.29 -0.44 0.00	47.48 -0.14 0.00	44.05 0.18 0.00	40.57 0.20 0.00	37.03 0.07 0.00	33.31 0.00 0.00	29.93 -0.12 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.88 0.09 0.00	27.11 0.24 0.00	27.17 0.19 0.00	24.64 0.20 0.00	24.76 0.22 0.00	25.91 0.28 0.00	28.23 0.58 0.00	31.07 0.70 0.00	32.99 0.52 0.00	35.64 0.60 0.00	35.63 0.46 0.00	36.95 0.40 0.00	38.32 0.60 0.00	40.17 0.55 0.00	40.61 0.80 0.00	42.86 0.84 0.00	45.27 0.67 0.00	49.51 0.78 0.00	48.62 1.00 0.00	44.67 0.79 0.00	41.50 1.13 0.00	37.99 1.03 0.00	33.94 0.63 0.00	30.74 0.69 0.00

LACHUTE____HYDRO 323717	33.42 3.63 0.00	30.09 3.22 0.00	30.19 3.21 0.00	27.24 2.79 0.00	27.56 3.02 0.00	28.71 3.07 0.00	31.55 3.87 -0.02	34.66 4.28 0.00	37.11 4.64 0.00	40.24 5.05 -0.15	40.28 5.10 0.00	41.85 5.30 0.00	42.58 4.87 0.00	44.68 5.07 0.00	44.67 4.86 0.00	47.02 5.00 0.00	49.86 5.26 0.00	54.72 5.99 0.00	53.52 5.90 0.00	49.67 5.79 0.00	46.50 6.13 0.00	42.68 5.73 0.00	37.83 4.53 0.00	33.56 3.51 0.00
LAWRNCV_115KV_TB1 80681	29.34 -0.45 0.00	26.71 -0.16 0.00	26.76 -0.22 0.00	24.25 -0.20 0.00	24.25 -0.29 0.00	25.32 -0.31 0.00	27.18 -0.47 0.00	29.80 -0.58 0.00	31.66 -0.81 0.00	34.23 -0.81 0.00	34.30 -0.88 0.00	35.38 -1.17 0.00	36.55 -1.17 0.00	38.42 -1.19 0.00	38.74 -1.07 0.00	40.80 -1.22 0.00	43.04 -1.56 0.00	47.12 -1.61 0.00	46.24 -1.38 0.00	42.56 -1.32 0.00	39.36 -1.01 0.00	36.14 -0.81 0.00	32.71 -0.60 0.00	29.72 -0.33 0.00
LEDERLE____ 23769	31.72 1.94 0.00	28.40 1.53 0.00	28.60 1.62 0.00	25.89 1.44 0.00	25.94 1.40 0.00	27.09 1.46 0.00	29.36 1.71 0.00	32.26 1.88 0.00	34.74 2.27 0.00	37.53 2.49 0.00	37.50 2.32 0.00	38.93 2.38 0.00	40.09 2.38 0.00	42.23 2.61 0.00	42.52 2.71 0.00	45.13 3.11 0.00	47.99 3.39 0.00	52.29 3.56 0.00	50.81 3.19 0.00	46.68 2.81 0.00	42.79 2.42 0.00	39.28 2.33 0.00	35.57 2.26 0.00	31.88 1.83 0.00
LIGHTHSE_115KV_TB6 355974	29.55 -0.24 0.00	26.63 -0.24 0.00	26.71 -0.27 0.00	24.16 -0.29 0.00	24.25 -0.29 0.00	25.32 -0.31 0.00	27.35 -0.30 0.00	30.13 -0.24 0.00	32.17 -0.29 0.00	34.72 -0.32 0.00	34.93 -0.25 0.00	36.33 -0.22 0.00	37.49 -0.23 0.00	39.25 -0.36 0.00	39.49 -0.32 0.00	41.43 -0.59 0.00	44.07 -0.54 0.00	48.29 -0.44 0.00	47.43 -0.19 0.00	43.83 -0.04 0.00	40.37 0.00 0.00	36.92 -0.04 0.00	33.21 -0.10 0.00	29.96 -0.09 0.00
LINDEN COGEN____ 23786	31.84 2.05 0.00	28.46 1.58 0.00	28.65 1.67 0.00	25.92 1.47 0.00	25.94 1.40 0.00	27.09 1.46 0.00	29.39 1.74 0.00	32.41 2.04 0.00	34.90 2.44 0.00	37.42 2.38 0.00	37.43 2.25 0.00	38.89 2.34 0.00	40.02 2.30 0.00	40.61 2.46 1.46	41.40 2.67 1.08	41.36 3.07 3.73	42.04 3.35 5.91	45.88 3.41 6.26	42.55 3.00 8.07	41.36 2.63 5.15	40.15 2.22 2.44	39.10 2.14 0.00	35.54 2.23 0.00	31.88 1.83 0.00
LINDHRST_69_KV_BK1 356055	43.81 3.34 -10.69	42.02 2.88 -12.27	38.14 2.89 -8.28	35.47 2.59 -8.43	35.12 2.55 -8.03	36.47 2.67 -8.17	33.06 3.04 -2.36	33.75 3.37 0.00	36.30 3.83 0.00	42.21 4.20 -2.97	47.83 3.97 -8.68	48.66 3.98 -8.13	50.85 3.92 -9.21	57.86 4.20 -14.05	64.37 4.38 -20.18	63.13 4.87 -16.23	68.31 5.22 -18.48	72.82 5.51 -18.58	63.86 5.14 -11.10	60.12 4.74 -11.51	53.05 4.20 -8.48	50.04 3.92 -9.17	45.20 3.90 -7.99	40.52 3.22 -7.26
LIPA_MISC_IPP 23656	43.98 3.46 -10.74	42.14 2.98 -12.28	38.36 3.10 -8.28	35.56 2.69 -8.43	35.22 2.65 -8.03	36.57 2.77 -8.17	33.26 3.24 -2.37	33.92 3.49 -0.06	36.55 4.03 -0.06	42.37 4.31 -3.02	47.77 3.90 -8.69	48.60 3.87 -8.18	53.87 3.81 -12.35	57.79 4.08 -14.10	64.81 4.14 -20.86	64.47 4.66 -17.79	68.10 5.00 -18.50	79.85 5.26 -25.85	83.69 4.90 -31.16	62.18 4.39 -13.92	60.26 4.08 -15.82	52.28 3.73 -11.60	45.13 3.83 -7.99	40.49 3.19 -7.26
LISF____SOLAR 323691	44.07 3.54 -10.74	42.19 3.04 -12.28	38.39 3.13 -8.28	35.59 2.71 -8.43	35.25 2.68 -8.03	36.60 2.79 -8.17	33.34 3.32 -2.37	33.98 3.55 -0.06	36.62 4.09 -0.06	42.30 4.24 -3.02	47.77 3.90 -8.69	48.68 3.95 -8.18	53.99 3.89 -12.39	57.83 4.12 -14.10	64.93 4.22 -20.90	64.66 4.83 -17.81	68.18 5.08 -18.50	85.45 5.46 -31.27	84.14 5.10 -31.42	62.46 4.61 -13.98	60.54 4.24 -15.93	52.43 3.84 -11.63	45.16 3.86 -7.99	40.52 3.22 -7.26
LITTLE FALLS____HYD 24013	29.82 0.03 0.00	26.76 -0.11 0.00	26.84 -0.13 0.00	24.35 -0.10 0.00	24.44 -0.10 0.00	25.53 -0.10 0.00	27.73 0.08 0.00	30.43 0.06 0.00	32.60 0.13 0.00	35.18 0.14 0.00	35.35 0.18 0.00	36.66 0.11 0.00	37.79 0.08 0.00	39.69 0.08 0.00	39.77 -0.04 0.00	41.89 -0.13 0.00	44.47 -0.13 0.00	48.58 -0.15 0.00	47.57 -0.05 0.00	43.83 -0.04 0.00	40.33 -0.04 0.00	36.88 -0.07 0.00	33.27 -0.03 0.00	29.99 -0.06 0.00
LITTLRIV_115KV_TB1 356100	29.64 -0.15 0.00	26.92 0.05 0.00	26.98 0.00 0.00	24.45 0.00 0.00	24.44 -0.10 0.00	25.50 -0.13 0.00	27.43 -0.22 0.00	30.16 -0.21 0.00	32.01 -0.45 0.00	34.69 -0.35 0.00	34.72 -0.46 0.00	35.82 -0.73 0.00	37.00 -0.72 0.00	38.90 -0.71 0.00	39.21 -0.60 0.00	41.22 -0.80 0.00	43.49 -1.12 0.00	47.66 -1.07 0.00	46.86 -0.76 0.00	43.09 -0.79 0.00	39.93 -0.44 0.00	36.55 -0.41 0.00	33.07 -0.23 0.00	30.02 -0.03 0.00
LI_NEWBRDGE____DRP 323616	43.03 2.56 -10.68	41.27 2.12 -12.27	37.44 2.19 -8.27	34.83 1.96 -8.43	34.46 1.89 -8.03	35.78 1.97 -8.17	32.25 2.24 -2.36	32.86 2.49 0.00	35.36 2.89 0.00	41.19 3.19 -2.96	46.71 2.85 -8.68	47.56 2.89 -8.12	49.45 2.83 -8.91	56.75 3.09 -14.05	62.75 3.15 -19.79	61.68 3.57 -16.09	66.92 3.84 -18.48	70.69 4.04 -17.92	60.48 3.67 -9.19	55.34 3.29 -8.18	49.35 2.91 -6.07	48.07 2.73 -8.38	44.20 2.90 -7.99	39.65 2.34 -7.26
LOCKPORT_115KV_TB60_63_64 80432	29.49 -0.30 0.00	26.44 -0.43 0.00	26.60 -0.38 0.00	23.84 -0.61 0.00	24.00 -0.54 0.00	25.04 -0.59 0.00	26.90 -0.75 0.00	30.22 -0.15 0.00	32.50 0.03 0.00	34.76 -0.28 0.00	35.53 0.35 0.00	37.17 0.62 0.00	38.62 0.91 0.00	40.17 0.55 0.00	40.53 0.72 0.00	42.15 0.13 0.00	44.65 0.04 0.00	48.63 -0.10 0.00	47.81 0.19 0.00	44.40 0.53 0.00	40.94 0.57 0.00	37.36 0.41 0.00	33.61 0.30 0.00	30.26 0.21 0.00
LOCKPORT____CC1 323769	29.34 -0.45 0.00	26.58 -0.29 0.00	26.46 -0.51 0.00	23.86 -0.59 0.00	23.88 -0.66 0.00	25.20 -0.44 0.00	27.02 -0.63 0.00	30.25 -0.12 0.00	32.50 0.03 0.00	35.49 0.45 0.00	35.84 0.67 0.00	37.24 0.69 0.00	38.62 0.90 0.00	40.40 0.79 0.00	40.53 0.72 0.00	42.10 0.08 0.00	44.65 0.04 0.00	48.58 -0.15 0.00	47.81 0.19 0.00	44.40 0.53 0.00	40.89 0.52 0.00	37.32 0.37 0.00	34.01 0.70 0.00	30.56 0.51 0.00
LOCKPORT____CC2 323770	29.34 -0.45 0.00	26.58 -0.29 0.00	26.46 -0.51 0.00	23.86 -0.59 0.00	23.88 -0.66 0.00	25.20 -0.44 0.00	27.02 -0.63 0.00	30.25 -0.12 0.00	32.50 0.03 0.00	35.49 0.45 0.00	35.84 0.67 0.00	37.24 0.69 0.00	38.62 0.90 0.00	40.40 0.79 0.00	40.53 0.72 0.00	42.10 0.08 0.00	44.65 0.04 0.00	48.58 -0.15 0.00	47.81 0.19 0.00	44.40 0.53 0.00	40.89 0.52 0.00	37.32 0.37 0.00	34.01 0.70 0.00	30.56 0.51 0.00
LOCKPORT____CC3 323771	29.34 -0.45 0.00	26.58 -0.29 0.00	26.46 -0.51 0.00	23.86 -0.59 0.00	23.88 -0.66 0.00	25.20 -0.44 0.00	27.02 -0.63 0.00	30.25 -0.12 0.00	32.50 0.03 0.00	35.49 0.45 0.00	35.84 0.67 0.00	37.24 0.69 0.00	38.62 0.90 0.00	40.40 0.79 0.00	40.53 0.72 0.00	42.10 0.08 0.00	44.65 0.04 0.00	48.58 -0.15 0.00	47.81 0.19 0.00	44.40 0.53 0.00	40.89 0.52 0.00	37.32 0.37 0.00	34.01 0.70 0.00	30.56 0.51 0.00

LONG_LAKE_PHOENIX 24014	29.28 -0.51 0.00	26.39 -0.48 0.00	26.46 -0.51 0.00	23.96 -0.49 0.00	24.07 -0.47 0.00	25.14 -0.49 0.00	27.15 -0.50 0.00	29.95 -0.43 0.00	32.08 -0.39 0.00	34.58 -0.46 0.00	34.86 -0.32 0.00	36.29 -0.26 0.00	37.49 -0.23 0.00	39.29 -0.32 0.00	39.45 -0.36 0.00	41.47 -0.55 0.00	44.11 -0.49 0.00	48.19 -0.54 0.00	47.19 -0.43 0.00	43.57 -0.31 0.00	40.05 -0.32 0.00	36.62 -0.33 0.00	32.91 -0.40 0.00	29.69 -0.36 0.00
LOVETT___3 23632	31.57 1.79 0.00	28.29 1.42 0.00	28.49 1.51 0.00	25.79 1.34 0.00	25.84 1.30 0.00	26.99 1.36 0.00	29.23 1.58 0.00	32.10 1.73 0.00	34.54 2.08 0.00	37.35 2.31 0.00	37.29 2.11 0.00	38.71 2.16 0.00	39.87 2.15 0.00	41.99 2.38 0.00	42.24 2.43 0.00	44.88 2.86 0.00	47.68 3.08 0.00	51.95 3.22 0.00	50.48 2.86 0.00	46.38 2.50 0.00	42.51 2.14 0.00	39.02 2.07 0.00	35.37 2.06 0.00	31.70 1.65 0.00
LOVETT___4 23642	31.57 1.79 0.00	28.29 1.42 0.00	28.49 1.51 0.00	25.79 1.34 0.00	25.84 1.30 0.00	26.99 1.36 0.00	29.23 1.58 0.00	32.10 1.73 0.00	34.54 2.08 0.00	37.35 2.31 0.00	37.29 2.11 0.00	38.71 2.16 0.00	39.87 2.15 0.00	41.99 2.38 0.00	42.24 2.43 0.00	44.88 2.86 0.00	47.68 3.08 0.00	51.95 3.22 0.00	50.48 2.86 0.00	46.38 2.50 0.00	42.51 2.14 0.00	39.02 2.07 0.00	35.37 2.06 0.00	31.70 1.65 0.00
LOVETT___5 23593	31.57 1.79 0.00	28.29 1.42 0.00	28.49 1.51 0.00	25.79 1.34 0.00	25.84 1.30 0.00	26.99 1.36 0.00	29.23 1.58 0.00	32.10 1.73 0.00	34.54 2.08 0.00	37.35 2.31 0.00	37.29 2.11 0.00	38.71 2.16 0.00	39.87 2.15 0.00	41.99 2.38 0.00	42.24 2.43 0.00	44.88 2.86 0.00	47.68 3.08 0.00	51.95 3.22 0.00	50.48 2.86 0.00	46.38 2.50 0.00	42.51 2.14 0.00	39.02 2.07 0.00	35.37 2.06 0.00	31.70 1.65 0.00
LOWER RAQUET___HYD 24057	29.28 -0.51 0.00	26.65 -0.22 0.00	26.71 -0.27 0.00	24.20 -0.24 0.00	24.17 -0.37 0.00	25.22 -0.41 0.00	27.10 -0.55 0.00	29.73 -0.64 0.00	31.56 -0.91 0.00	34.13 -0.91 0.00	34.16 -1.02 0.00	35.24 -1.31 0.00	36.40 -1.32 0.00	38.26 -1.35 0.00	38.62 -1.19 0.00	40.67 -1.35 0.00	42.82 -1.79 0.00	46.93 -1.80 0.00	46.09 -1.53 0.00	42.38 -1.49 0.00	39.24 -1.13 0.00	36.03 -0.92 0.00	32.64 -0.67 0.00	29.69 -0.36 0.00
LOWER___HUDSON 24059	31.33 1.55 0.00	28.21 1.34 0.00	28.35 1.38 0.00	25.72 1.27 0.00	25.84 1.30 0.00	26.99 1.36 0.00	29.26 1.55 -0.06	31.86 1.49 0.00	34.19 1.72 0.00	37.23 1.79 -0.40	36.90 1.72 0.00	38.38 1.83 0.00	39.49 1.77 0.00	41.51 1.90 0.00	41.56 1.75 0.00	44.12 2.10 0.00	46.79 2.19 0.00	51.07 2.34 0.00	49.81 2.19 0.00	45.90 2.02 0.00	42.39 2.02 0.00	38.91 1.96 0.00	35.00 1.70 0.00	31.37 1.32 0.00
LOWVILLE_115KV_TB2 356335	29.99 0.21 0.00	27.09 0.21 0.00	27.14 0.16 0.00	24.55 0.10 0.00	24.61 0.07 0.00	25.68 0.05 0.00	27.73 0.08 0.00	30.07 -0.30 0.00	32.04 -0.42 0.00	34.65 -0.39 0.00	34.68 -0.49 0.00	35.89 -0.66 0.00	36.96 -0.75 0.00	38.82 -0.79 0.00	39.89 0.08 0.00	41.85 -0.17 0.00	44.42 -0.18 0.00	48.83 0.10 0.00	48.10 0.48 0.00	44.40 0.53 0.00	41.02 0.65 0.00	37.40 0.44 0.00	33.67 0.37 0.00	30.38 0.33 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.72 1.94 0.00	28.62 1.75 0.00	28.73 1.75 0.00	26.04 1.59 0.00	26.21 1.67 0.00	27.35 1.72 0.00	29.64 1.96 -0.03	32.38 2.00 0.00	34.74 2.27 0.00	37.67 2.45 -0.17	37.57 2.39 0.00	39.04 2.49 0.00	40.06 2.34 0.00	42.19 2.57 0.00	42.16 2.35 0.00	44.62 2.61 0.00	47.32 2.72 0.00	51.75 3.02 0.00	50.52 2.90 0.00	46.64 2.76 0.00	43.20 2.83 0.00	39.65 2.70 0.00	35.67 2.36 0.00	31.91 1.86 0.00
LUTHERNY_35_KV_BK2 355980	31.72 1.94 0.00	28.62 1.75 0.00	28.76 1.78 0.00	26.04 1.59 0.00	26.21 1.67 0.00	27.37 1.74 0.00	29.67 1.99 -0.03	32.41 2.03 0.00	34.74 2.27 0.00	37.70 2.49 -0.17	37.60 2.43 0.00	39.07 2.52 0.00	40.06 2.34 0.00	42.19 2.57 0.00	42.16 2.35 0.00	44.67 2.65 0.00	47.37 2.77 0.00	51.80 3.07 0.00	50.57 2.95 0.00	46.68 2.81 0.00	43.24 2.87 0.00	39.69 2.73 0.00	35.70 2.40 0.00	31.94 1.89 0.00
LWR___OSWEGATCHIE_HYD 23850	29.55 -0.24 0.00	26.82 -0.05 0.00	26.87 -0.11 0.00	24.33 -0.12 0.00	24.34 -0.20 0.00	25.40 -0.23 0.00	27.35 -0.30 0.00	29.86 -0.52 0.00	31.75 -0.71 0.00	34.37 -0.67 0.00	34.40 -0.77 0.00	35.53 -1.02 0.00	36.62 -1.09 0.00	38.50 -1.11 0.00	39.13 -0.68 0.00	41.10 -0.92 0.00	43.49 -1.12 0.00	47.71 -1.02 0.00	46.95 -0.67 0.00	43.31 -0.57 0.00	40.05 -0.32 0.00	36.62 -0.33 0.00	33.11 -0.20 0.00	29.96 -0.09 0.00
LYONS_FALL_HYD 23570	30.26 0.48 0.00	27.25 0.38 0.00	27.33 0.35 0.00	24.72 0.27 0.00	24.79 0.25 0.00	25.89 0.26 0.00	28.04 0.39 0.00	31.19 0.82 0.00	33.47 1.01 0.00	36.19 1.15 0.00	36.41 1.23 0.00	37.79 1.24 0.00	38.92 1.21 0.00	40.96 1.35 0.00	40.53 0.72 0.00	42.56 0.54 0.00	45.18 0.58 0.00	49.56 0.83 0.00	48.72 1.10 0.00	44.93 1.05 0.00	41.46 1.09 0.00	37.76 0.81 0.00	34.01 0.70 0.00	30.65 0.60 0.00
MADISON___COUNTY_LFGE 323628	30.56 0.77 0.00	27.43 0.56 0.00	27.52 0.54 0.00	24.89 0.44 0.00	24.98 0.44 0.00	26.09 0.46 0.00	28.29 0.64 0.00	31.22 0.85 0.00	33.51 1.04 0.00	36.16 1.12 0.00	36.41 1.23 0.00	37.83 1.28 0.00	39.04 1.32 0.00	41.00 1.39 0.00	41.13 1.31 0.00	43.20 1.18 0.00	45.94 1.34 0.00	50.34 1.61 0.00	49.38 1.76 0.00	45.59 1.71 0.00	41.99 1.61 0.00	38.21 1.26 0.00	34.37 1.07 0.00	30.92 0.87 0.00
MALONE___115KV_TB1 356076	29.67 -0.12 0.00	26.92 0.05 0.00	26.98 0.00 0.00	24.47 0.02 0.00	24.54 0.00 0.00	25.66 0.03 0.00	27.90 0.25 0.00	30.71 0.33 0.00	32.60 0.13 0.00	35.25 0.21 0.00	35.21 0.04 0.00	36.48 -0.07 0.00	37.79 0.08 0.00	39.65 0.04 0.00	40.05 0.24 0.00	42.23 0.21 0.00	44.56 -0.04 0.00	48.73 0.00 0.00	47.86 0.24 0.00	43.96 0.09 0.00	40.81 0.44 0.00	37.40 0.44 0.00	33.51 0.20 0.00	30.38 0.33 0.00
MAPLEWOD_115KV_TB3 80458	31.16 1.37 0.00	28.11 1.24 0.00	28.24 1.27 0.00	25.60 1.15 0.00	25.74 1.20 0.00	26.86 1.23 0.00	29.03 1.41 0.03	31.71 1.34 0.00	34.06 1.59 0.00	36.57 1.72 0.19	36.83 1.65 0.00	38.27 1.72 0.00	39.41 1.70 0.00	41.47 1.86 0.00	41.48 1.67 0.00	43.95 1.93 0.00	46.70 2.10 0.00	51.02 2.29 0.00	49.72 2.10 0.00	45.81 1.93 0.00	42.27 1.90 0.00	38.80 1.85 0.00	35.00 1.70 0.00	31.34 1.29 0.00
MAPLE RIDGE_WT_1 323574	29.58 -0.21 0.00	26.74 -0.13 0.00	26.84 -0.13 0.00	24.33 -0.12 0.00	24.42 -0.12 0.00	25.63 0.00 0.00	27.65 0.00 0.00	30.40 0.03 0.00	32.53 0.07 0.00	35.11 0.07 0.00	35.25 0.07 0.00	36.62 0.07 0.00	37.75 0.04 0.00	39.61 0.00 0.00	39.77 -0.04 0.00	41.94 -0.08 0.00	44.51 -0.09 0.00	48.63 -0.10 0.00	47.52 -0.10 0.00	43.74 -0.13 0.00	40.21 -0.16 0.00	36.70 -0.26 0.00	33.01 -0.30 0.00	29.69 -0.36 0.00

MAPLE_RIDGE_WT_2 323611	29.58 -0.21 0.00	26.74 -0.13 0.00	26.84 -0.13 0.00	24.33 -0.12 0.00	24.42 -0.12 0.00	25.63 0.00 0.00	27.65 0.00 0.00	30.40 0.03 0.00	32.53 0.07 0.00	35.11 0.07 0.00	35.25 0.07 0.00	36.62 0.07 0.00	37.75 0.04 0.00	39.61 0.00 0.00	39.77 -0.04 0.00	41.94 -0.08 0.00	44.51 -0.09 0.00	48.63 -0.10 0.00	47.52 -0.10 0.00	43.74 -0.13 0.00	40.21 -0.16 0.00	36.70 -0.26 0.00	33.01 -0.30 0.00	29.69 -0.36 0.00
MARBLE_RIVER_WT_PWR 323696	29.61 -0.18 0.00	26.87 0.00 0.00	26.95 -0.03 0.00	24.45 0.00 0.00	24.54 0.00 0.00	25.66 0.03 0.00	27.96 0.30 0.00	30.77 0.39 0.00	32.66 0.20 0.00	35.32 0.28 0.00	35.32 0.14 0.00	36.66 0.11 0.00	37.98 0.27 0.00	39.81 0.20 0.00	40.21 0.40 0.00	42.44 0.42 0.00	44.87 0.27 0.00	49.02 0.29 0.00	48.10 0.48 0.00	44.23 0.35 0.00	40.98 0.61 0.00	37.51 0.56 0.00	33.61 0.30 0.00	30.44 0.39 0.00
MARSHVLE_115KV_TB1 80742	32.44 2.65 0.00	29.34 2.47 0.00	29.46 2.48 0.00	26.63 2.18 0.00	26.80 2.26 0.00	28.04 2.41 0.00	30.39 2.74 0.00	33.38 3.01 0.00	35.65 3.18 0.00	38.33 3.29 0.00	38.52 3.34 0.00	39.99 3.44 0.00	41.15 3.43 0.00	43.25 3.64 0.00	43.12 3.30 0.00	45.47 3.45 0.00	48.44 3.84 0.00	53.21 4.48 0.00	52.14 4.52 0.00	48.31 4.43 0.00	44.89 4.52 0.00	40.98 4.03 0.00	36.74 3.43 0.00	32.81 2.76 0.00
MARSH_HILL_WT_PWR 323713	30.50 0.71 0.00	27.46 0.59 0.00	27.49 0.51 0.00	24.79 0.34 0.00	24.88 0.34 0.00	26.12 0.49 0.00	28.20 0.55 0.00	31.50 1.12 0.00	33.73 1.26 0.00	36.62 1.58 0.00	36.97 1.79 0.00	38.45 1.90 0.00	39.71 2.00 0.00	41.47 1.86 0.00	41.68 1.87 0.00	43.49 1.47 0.00	46.34 1.74 0.00	50.58 1.85 0.00	49.81 2.19 0.00	46.07 2.19 0.00	42.39 2.02 0.00	38.65 1.70 0.00	34.97 1.66 0.00	31.46 1.41 0.00
MCINTYRE_115KV_TB2 80467	29.79 0.00 0.00	27.11 0.24 0.00	27.17 0.19 0.00	24.62 0.17 0.00	24.64 0.10 0.00	25.71 0.08 0.00	27.57 -0.08 0.00	30.34 -0.03 0.00	32.21 -0.26 0.00	34.86 -0.18 0.00	34.90 -0.28 0.00	36.04 -0.51 0.00	37.19 -0.53 0.00	39.14 -0.48 0.00	39.41 -0.40 0.00	41.47 -0.55 0.00	43.76 -0.85 0.00	48.00 -0.73 0.00	47.19 -0.43 0.00	43.44 -0.44 0.00	40.25 -0.12 0.00	36.81 -0.15 0.00	33.21 -0.10 0.00	30.17 0.12 0.00
MECO____69_KV_BK1 80468	33.60 3.81 0.00	29.91 3.04 0.00	30.00 3.02 0.00	27.09 2.64 0.00	27.34 2.80 0.00	28.58 2.95 0.00	31.63 3.98 0.00	34.69 4.31 0.00	36.78 4.32 0.00	39.31 4.27 0.00	39.43 4.26 0.00	40.90 4.35 0.00	42.02 4.30 0.00	44.13 4.52 0.00	44.07 4.26 0.00	46.52 4.50 0.00	49.82 5.22 0.00	55.07 6.33 0.00	54.05 6.43 0.00	50.33 6.45 0.00	46.87 6.50 0.00	42.83 5.88 0.00	38.27 4.96 0.00	34.05 4.00 0.00
MENANDS__115KV_TB5 355628	30.86 1.07 0.00	27.81 0.94 0.00	27.97 1.00 0.00	25.38 0.93 0.00	25.50 0.96 0.00	26.61 0.97 0.00	28.72 1.11 0.03	31.34 0.97 0.00	33.67 1.20 0.00	36.12 1.30 0.22	36.41 1.23 0.00	37.83 1.28 0.00	38.96 1.24 0.00	41.00 1.39 0.00	41.01 1.19 0.00	43.49 1.47 0.00	46.16 1.56 0.00	50.39 1.66 0.00	49.05 1.43 0.00	45.19 1.32 0.00	41.66 1.29 0.00	38.28 1.33 0.00	34.54 1.23 0.00	30.98 0.93 0.00
MG INDUSTRY___DRP 24185	30.98 1.19 0.00	27.95 1.07 0.00	28.08 1.11 0.00	25.48 1.03 0.00	25.62 1.08 0.00	26.73 1.10 0.00	28.88 1.24 0.02	31.50 1.12 0.00	33.77 1.30 0.00	36.35 1.44 0.12	36.48 1.30 0.00	37.94 1.39 0.00	39.07 1.36 0.00	41.08 1.47 0.00	41.13 1.31 0.00	43.57 1.55 0.00	46.25 1.65 0.00	50.48 1.75 0.00	49.19 1.57 0.00	45.32 1.45 0.00	41.82 1.45 0.00	38.39 1.44 0.00	34.67 1.37 0.00	31.10 1.05 0.00
MID___OSWEGATCHIE_HYD 23849	29.55 -0.24 0.00	26.82 -0.05 0.00	26.87 -0.11 0.00	24.33 -0.12 0.00	24.34 -0.20 0.00	25.40 -0.23 0.00	27.35 -0.30 0.00	29.86 -0.52 0.00	31.75 -0.71 0.00	34.37 -0.67 0.00	34.40 -0.77 0.00	35.53 -1.02 0.00	36.62 -1.09 0.00	38.50 -1.11 0.00	39.13 -0.68 0.00	41.10 -0.92 0.00	43.49 -1.12 0.00	47.71 -1.02 0.00	46.95 -0.67 0.00	43.31 -0.57 0.00	40.05 -0.32 0.00	36.62 -0.33 0.00	33.11 -0.20 0.00	29.96 -0.09 0.00
MID___RAQUETTE_HYD 23851	29.28 -0.51 0.00	26.63 -0.24 0.00	26.68 -0.30 0.00	24.20 -0.24 0.00	24.17 -0.37 0.00	25.22 -0.41 0.00	27.10 -0.55 0.00	29.73 -0.64 0.00	31.56 -0.91 0.00	34.16 -0.88 0.00	34.19 -0.98 0.00	35.23 -1.32 0.00	36.40 -1.32 0.00	38.26 -1.35 0.00	38.62 -1.19 0.00	40.68 -1.34 0.00	42.82 -1.78 0.00	46.93 -1.80 0.00	46.10 -1.52 0.00	42.38 -1.49 0.00	39.24 -1.13 0.00	36.03 -0.92 0.00	32.67 -0.63 0.00	29.69 -0.36 0.00
MILLIKEN___1 23584	30.47 0.69 0.00	27.43 0.56 0.00	27.49 0.51 0.00	24.84 0.39 0.00	24.98 0.44 0.00	26.12 0.49 0.00	28.23 0.58 0.00	31.22 0.85 0.00	33.44 0.97 0.00	35.99 0.95 0.00	36.27 1.09 0.00	37.76 1.21 0.00	39.04 1.32 0.00	40.88 1.27 0.00	41.13 1.31 0.00	43.20 1.18 0.00	45.99 1.38 0.00	50.39 1.66 0.00	49.48 1.86 0.00	45.72 1.84 0.00	42.03 1.66 0.00	38.36 1.40 0.00	34.41 1.10 0.00	30.95 0.90 0.00
MILLIKEN___2 23585	30.47 0.69 0.00	27.43 0.56 0.00	27.49 0.51 0.00	24.84 0.39 0.00	24.98 0.44 0.00	26.12 0.49 0.00	28.23 0.58 0.00	31.22 0.85 0.00	33.44 0.97 0.00	35.99 0.95 0.00	36.27 1.09 0.00	37.76 1.21 0.00	39.04 1.32 0.00	40.88 1.27 0.00	41.13 1.31 0.00	43.20 1.18 0.00	45.99 1.38 0.00	50.39 1.66 0.00	49.48 1.86 0.00	45.72 1.84 0.00	42.03 1.66 0.00	38.36 1.40 0.00	34.41 1.10 0.00	30.95 0.90 0.00
MILLIKEN___DIESEL 23629	30.47 0.69 0.00	27.43 0.56 0.00	27.49 0.51 0.00	24.84 0.39 0.00	24.98 0.44 0.00	26.12 0.49 0.00	28.23 0.58 0.00	31.22 0.85 0.00	33.44 0.97 0.00	35.99 0.95 0.00	36.27 1.09 0.00	37.76 1.21 0.00	39.04 1.32 0.00	40.88 1.27 0.00	41.13 1.31 0.00	43.20 1.18 0.00	45.99 1.38 0.00	50.39 1.66 0.00	49.48 1.86 0.00	45.72 1.84 0.00	42.03 1.66 0.00	38.36 1.40 0.00	34.41 1.10 0.00	30.95 0.90 0.00
MILLSEAT___LFGE 323607	29.79 0.00 0.00	27.01 0.14 0.00	26.90 -0.08 0.00	24.23 -0.22 0.00	24.25 -0.29 0.00	25.55 -0.08 0.00	27.49 -0.16 0.00	30.74 0.37 0.00	33.08 0.62 0.00	36.09 1.05 0.00	36.44 1.26 0.00	37.83 1.28 0.00	39.23 1.51 0.00	41.08 1.47 0.00	41.17 1.35 0.00	42.78 0.76 0.00	45.36 0.76 0.00	49.46 0.73 0.00	48.67 1.05 0.00	45.24 1.36 0.00	41.74 1.37 0.00	38.06 1.11 0.00	34.57 1.27 0.00	31.04 0.99 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.72 1.94 0.00	28.43 1.56 0.00	28.62 1.65 0.00	25.92 1.47 0.00	25.96 1.42 0.00	27.12 1.49 0.00	29.34 1.69 0.00	32.26 1.88 0.00	34.74 2.27 0.00	37.53 2.49 0.00	37.46 2.29 0.00	38.85 2.30 0.00	40.02 2.30 0.00	42.15 2.54 0.00	42.44 2.63 0.00	45.05 3.03 0.00	47.86 3.26 0.00	52.14 3.41 0.00	50.67 3.05 0.00	46.60 2.72 0.00	42.71 2.34 0.00	39.13 2.18 0.00	35.47 2.16 0.00	31.82 1.77 0.00

MILLWOOD_13_KV_LOAD 356217	31.81 2.03 0.00	28.51 1.64 0.00	28.73 1.75 0.00	26.01 1.56 0.00	26.04 1.50 0.00	27.17 1.54 0.00	29.42 1.77 0.00	32.38 2.00 0.00	34.87 2.40 0.00	37.67 2.63 0.00	37.60 2.43 0.00	39.00 2.45 0.00	40.17 2.45 0.00	42.30 2.69 0.00	42.60 2.79 0.00	45.21 3.19 0.00	48.08 3.48 0.00	52.39 3.65 0.00	50.95 3.33 0.00	46.82 2.94 0.00	42.95 2.58 0.00	39.28 2.33 0.00	35.57 2.26 0.00	31.88 1.83 0.00
MODEL_CITY_ENERGY 24167	28.98 -0.80 0.00	26.36 -0.51 0.00	26.17 -0.81 0.00	23.59 -0.86 0.00	23.58 -0.96 0.00	24.99 -0.64 0.00	26.76 -0.89 0.00	29.89 -0.49 0.00	32.11 -0.36 0.00	35.04 0.00 0.00	35.39 0.21 0.00	36.77 0.22 0.00	38.13 0.42 0.00	39.93 0.32 0.00	40.01 0.20 0.00	41.60 -0.42 0.00	44.07 -0.53 0.00	48.00 -0.73 0.00	47.19 -0.43 0.00	43.83 -0.04 0.00	40.41 0.04 0.00	36.88 -0.07 0.00	33.61 0.30 0.00	30.26 0.21 0.00
MODERN_LFGE_ 323580	28.98 -0.80 0.00	26.36 -0.51 0.00	26.17 -0.81 0.00	23.59 -0.86 0.00	23.58 -0.96 0.00	24.99 -0.64 0.00	26.76 -0.89 0.00	29.89 -0.49 0.00	32.11 -0.36 0.00	35.04 0.00 0.00	35.39 0.21 0.00	36.77 0.22 0.00	38.13 0.42 0.00	39.93 0.32 0.00	40.01 0.20 0.00	41.60 -0.42 0.00	44.07 -0.53 0.00	48.00 -0.73 0.00	47.19 -0.43 0.00	43.83 -0.04 0.00	40.41 0.04 0.00	36.88 -0.07 0.00	33.61 0.30 0.00	30.26 0.21 0.00
MOHAWK_PAPER___DRP 24187	31.16 1.37 0.00	28.11 1.24 0.00	28.24 1.27 0.00	25.60 1.15 0.00	25.74 1.20 0.00	26.86 1.23 0.00	29.03 1.41 0.03	31.71 1.34 0.00	34.06 1.59 0.00	36.57 1.72 0.19	36.83 1.65 0.00	38.27 1.72 0.00	39.41 1.70 0.00	41.47 1.86 0.00	41.48 1.67 0.00	43.95 1.93 0.00	46.70 2.10 0.00	51.02 2.29 0.00	49.72 2.10 0.00	45.81 1.93 0.00	42.27 1.90 0.00	38.80 1.85 0.00	35.00 1.70 0.00	31.34 1.29 0.00
MOHICAN__35_KV_115KV_LD 80490	31.81 2.03 0.00	28.70 1.83 0.00	28.81 1.83 0.00	26.09 1.64 0.00	26.28 1.74 0.00	27.45 1.82 0.00	29.80 2.13 -0.03	32.62 2.25 0.00	35.00 2.53 0.00	37.97 2.77 -0.16	37.82 2.64 0.00	39.29 2.74 0.00	40.06 2.34 0.00	42.23 2.61 0.00	42.16 2.35 0.00	44.54 2.52 0.00	47.23 2.63 0.00	51.70 2.97 0.00	50.67 3.05 0.00	46.86 2.98 0.00	43.68 3.31 0.00	40.06 3.10 0.00	35.94 2.63 0.00	32.09 2.04 0.00
MONGAUP___HYD 23641	31.30 1.52 0.00	28.05 1.18 0.00	28.19 1.22 0.00	25.55 1.10 0.00	25.60 1.05 0.00	26.76 1.13 0.00	28.92 1.27 0.00	31.68 1.31 0.00	34.06 1.59 0.00	36.62 1.58 0.00	36.65 1.48 0.00	38.12 1.57 0.00	39.26 1.55 0.00	41.27 1.66 0.00	41.56 1.75 0.00	44.00 1.98 0.00	46.52 1.92 0.00	50.82 2.09 0.00	49.53 1.91 0.00	45.63 1.76 0.00	42.23 1.86 0.00	38.91 1.96 0.00	35.10 1.80 0.00	31.46 1.41 0.00
MONTAUK___DIESEL 23721	45.89 5.36 -10.74	43.72 4.57 -12.28	39.90 4.64 -8.28	36.93 4.06 -8.43	36.57 4.00 -8.03	38.01 4.20 -8.17	34.86 4.84 -2.37	35.87 5.44 -0.06	38.82 6.30 -0.06	45.00 6.94 -3.02	50.51 6.65 -8.69	51.53 6.80 -8.18	57.02 6.94 -12.37	61.04 7.33 -14.10	68.13 7.44 -20.87	68.05 8.24 -17.80	71.80 8.70 -18.50	84.02 9.31 -25.98	87.71 8.81 -31.28	65.66 7.85 -13.93	63.25 7.02 -15.86	54.84 6.28 -11.61	47.13 5.83 -7.99	42.23 4.93 -7.26
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.56 0.77 0.00	27.57 0.70 0.00	27.62 0.65 0.00	24.89 0.44 0.00	24.96 0.42 0.00	26.22 0.59 0.00	28.29 0.64 0.00	31.89 1.52 0.00	34.29 1.82 0.00	36.83 1.79 0.00	37.57 2.39 0.00	39.36 2.81 0.00	40.77 3.06 0.00	42.38 2.77 0.00	42.72 2.91 0.00	44.50 2.48 0.00	47.15 2.54 0.00	51.26 2.53 0.00	50.33 2.71 0.00	46.51 2.63 0.00	42.75 2.38 0.00	38.99 2.03 0.00	34.97 1.67 0.00	31.37 1.32 0.00
MORTIMER_115KV_TB3 55949	29.73 -0.06 0.00	26.84 -0.03 0.00	26.84 -0.13 0.00	24.20 -0.24 0.00	24.25 -0.29 0.00	25.37 -0.26 0.00	27.37 -0.28 0.00	30.52 0.15 0.00	32.86 0.39 0.00	35.22 0.18 0.00	35.85 0.67 0.00	37.39 0.84 0.00	38.77 1.06 0.00	40.48 0.87 0.00	40.77 0.96 0.00	42.52 0.50 0.00	45.09 0.49 0.00	49.17 0.44 0.00	48.29 0.67 0.00	44.80 0.92 0.00	41.26 0.89 0.00	37.66 0.70 0.00	33.84 0.53 0.00	30.38 0.33 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.02 2.23 0.00	28.67 1.80 0.00	28.86 1.89 0.00	26.11 1.66 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.53 1.88 0.00	32.56 2.19 0.00	35.06 2.60 0.00	37.88 2.84 0.00	37.74 2.57 0.00	39.15 2.60 0.00	40.28 2.56 0.00	42.46 2.85 0.00	42.76 2.95 0.00	45.38 3.36 0.00	48.26 3.66 0.00	52.53 3.80 0.00	51.00 3.38 0.00	46.86 2.98 0.00	42.91 2.54 0.00	39.35 2.40 0.00	35.80 2.50 0.00	32.09 2.04 0.00
MUNSVILLE_WIND_PWR 323609	32.32 2.53 0.00	28.99 2.12 0.00	29.05 2.08 0.00	26.19 1.74 0.00	26.28 1.74 0.00	27.48 1.85 0.00	29.89 2.24 0.00	33.17 2.79 0.00	35.55 3.09 0.00	38.44 3.40 0.00	38.63 3.45 0.00	40.02 3.47 0.00	41.15 3.43 0.00	43.25 3.64 0.00	43.35 3.54 0.00	45.34 3.32 0.00	48.35 3.75 0.00	53.16 4.43 0.00	52.67 5.05 0.00	48.75 4.87 0.00	45.01 4.64 0.00	40.72 3.77 0.00	36.54 3.23 0.00	32.84 2.80 0.00
N SALMON___HYD 24042	29.67 -0.12 0.00	26.92 0.05 0.00	26.98 0.00 0.00	24.45 0.00 0.00	24.54 0.00 0.00	25.66 0.03 0.00	27.90 0.25 0.00	30.71 0.33 0.00	32.60 0.13 0.00	35.25 0.21 0.00	35.21 0.04 0.00	36.48 -0.07 0.00	37.79 0.08 0.00	39.65 0.04 0.00	40.05 0.24 0.00	42.23 0.21 0.00	44.56 -0.04 0.00	48.73 0.00 0.00	47.86 0.24 0.00	43.96 0.09 0.00	40.82 0.44 0.00	37.40 0.45 0.00	33.51 0.20 0.00	30.38 0.33 0.00
N.AKRON__115KV_KNAPP 355671	29.94 0.15 0.00	26.87 0.00 0.00	27.00 0.03 0.00	24.20 -0.24 0.00	24.37 -0.17 0.00	25.43 -0.21 0.00	27.37 -0.28 0.00	30.77 0.39 0.00	33.12 0.65 0.00	35.43 0.39 0.00	36.16 0.98 0.00	37.79 1.24 0.00	39.26 1.55 0.00	40.88 1.27 0.00	41.21 1.39 0.00	42.82 0.80 0.00	45.41 0.80 0.00	49.46 0.73 0.00	48.67 1.05 0.00	45.24 1.36 0.00	41.74 1.37 0.00	38.10 1.15 0.00	34.21 0.90 0.00	30.77 0.72 0.00
N.BELMOR_69_KV_BK1 55787	43.30 2.83 -10.68	41.51 2.36 -12.27	37.65 2.40 -8.27	35.05 2.18 -8.43	34.68 2.11 -8.03	36.01 2.20 -8.17	32.50 2.49 -2.36	33.17 2.79 0.00	35.68 3.21 0.00	41.54 3.54 -2.96	47.06 3.20 -8.68	47.92 3.25 -8.12	49.91 3.28 -8.91	57.22 3.56 -14.05	63.27 3.66 -19.79	62.22 4.12 -16.09	67.55 4.46 -18.48	71.37 4.73 -17.92	61.15 4.33 -9.19	55.96 3.90 -8.18	49.88 3.43 -6.07	48.51 3.18 -8.38	44.50 3.20 -7.99	39.98 2.67 -7.26
N.E._GEN_SANDY PD 24062	31.25 1.46 0.00	28.11 1.24 0.00	28.32 1.35 0.00	25.70 1.25 0.00	25.79 1.25 0.00	26.94 1.31 0.00	29.10 1.44 -0.01	31.68 1.31 0.00	34.06 1.59 0.00	36.69 1.58 -0.07	36.69 1.51 0.00	38.12 1.57 0.00	39.30 1.58 0.00	41.31 1.70 0.00	41.41 1.59 0.00	44.04 2.02 0.00	46.70 2.10 0.00	50.93 2.19 0.00	49.57 1.95 0.00	45.59 1.71 0.00	41.99 1.62 0.00	38.54 1.59 0.00	34.81 1.50 0.00	31.25 1.20 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.63 1.85 0.00	28.32 1.45 0.00	28.51 1.54 0.00	25.82 1.37 0.00	25.87 1.33 0.00	27.02 1.38 0.00	29.25 1.60 0.00	32.13 1.76 0.00	34.58 2.11 0.00	37.39 2.35 0.00	37.32 2.15 0.00	38.74 2.19 0.00	39.90 2.19 0.00	42.03 2.42 0.00	42.32 2.51 0.00	44.92 2.90 0.00	47.73 3.12 0.00	52.00 3.26 0.00	50.57 2.95 0.00	46.46 2.59 0.00	42.59 2.22 0.00	39.06 2.11 0.00	35.44 2.13 0.00	31.76 1.71 0.00
N.QUEENS_27_KV_LOAD 356247	32.24 2.44 -0.01	28.84 1.96 -0.01	29.06 2.08 -0.01	26.27 1.81 -0.01	26.24 1.69 -0.01	27.35 1.72 0.00	29.59 1.94 0.00	32.44 2.07 0.00	34.97 2.50 0.00	37.77 2.73 0.00	37.60 2.43 0.00	39.07 2.52 0.00	40.21 2.49 0.00	42.42 2.81 0.00	42.80 2.99 0.00	45.55 3.53 0.00	48.36 3.75 -0.01	52.64 3.90 -0.01	51.05 3.43 0.00	46.91 3.03 -0.01	42.83 2.46 0.00	39.39 2.44 0.00	36.07 2.76 0.00	32.34 2.28 -0.01
N.TROY___115KV_TB1 355778	31.34 1.55 0.00	28.21 1.34 0.00	28.35 1.38 0.00	25.72 1.27 0.00	25.84 1.30 0.00	27.02 1.38 0.00	29.26 1.55 -0.06	31.86 1.49 0.00	34.19 1.72 0.00	37.30 1.86 -0.40	36.97 1.79 0.00	38.41 1.86 0.00	39.49 1.77 0.00	41.55 1.94 0.00	41.56 1.75 0.00	44.12 2.10 0.00	46.79 2.19 0.00	51.07 2.34 0.00	49.81 2.19 0.00	45.89 2.02 0.00	42.39 2.02 0.00	38.91 1.96 0.00	35.07 1.77 0.00	31.46 1.41 0.00
NARROWS_GT1_1 24228	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NARROWS_GT1_2 24229	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NARROWS_GT1_3 24230	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NARROWS_GT1_4 24231	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NARROWS_GT1_5 24232	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NARROWS_GT1_6 24233	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NARROWS_GT1_7 24234	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NARROWS_GT1_8 24235	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NARROWS_GT2_1 24236	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NARROWS_GT2_2 24237	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NARROWS_GT2_3 24238	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NARROWS_GT2_4 24239	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00

NARROWS_GT2_5 24240	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NARROWS_GT2_6 24241	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NARROWS_GT2_7 24242	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NARROWS_GT2_8 24243	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.04 3.16 0.00	43.08 2.71 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.19 1.40 0.00	28.11 1.24 0.00	28.22 1.24 0.00	25.55 1.10 0.00	25.72 1.18 0.00	26.84 1.20 0.00	29.21 1.58 0.02	31.53 1.15 0.00	33.83 1.36 0.00	36.71 1.79 0.12	36.48 1.30 0.00	37.94 1.39 0.00	39.07 1.36 0.00	41.00 1.39 0.00	41.01 1.19 0.00	43.49 1.47 0.00	46.25 1.65 0.00	50.68 1.95 0.00	49.38 1.76 0.00	45.63 1.76 0.00	42.15 1.78 0.00	38.95 2.00 0.00	35.04 1.73 0.00	31.31 1.26 0.00
NCHELSEA_115KV_TR2 355582	31.69 1.91 0.00	28.38 1.50 0.00	28.57 1.59 0.00	25.87 1.42 0.00	25.92 1.37 0.00	27.07 1.44 0.00	29.31 1.66 0.00	32.07 1.70 0.00	34.51 2.05 0.00	37.32 2.28 0.00	37.25 2.08 0.00	38.67 2.12 0.00	39.83 2.11 0.00	41.91 2.30 0.00	42.16 2.35 0.00	44.79 2.77 0.00	47.59 2.99 0.00	51.95 3.22 0.00	50.57 2.95 0.00	46.51 2.63 0.00	42.67 2.30 0.00	39.21 2.25 0.00	35.47 2.16 0.00	31.79 1.74 0.00
NEG CAPITAL___MECHNVIL 23645	31.78 2.00 0.00	28.64 1.77 0.00	28.76 1.78 0.00	26.06 1.61 0.00	26.23 1.69 0.00	27.37 1.74 0.00	29.71 2.02 -0.04	32.44 2.07 0.00	34.81 2.34 0.00	37.73 2.45 -0.24	37.64 2.46 0.00	39.15 2.60 0.00	40.21 2.49 0.00	42.27 2.65 0.00	42.28 2.47 0.00	44.79 2.77 0.00	47.55 2.94 0.00	51.95 3.22 0.00	50.71 3.09 0.00	46.77 2.90 0.00	43.32 2.95 0.00	39.73 2.77 0.00	35.60 2.30 0.00	31.85 1.80 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.31 -0.48 0.00	26.41 -0.46 0.00	26.44 -0.54 0.00	23.84 -0.61 0.00	23.93 -0.61 0.00	25.02 -0.62 0.00	27.04 -0.61 0.00	30.13 -0.24 0.00	32.40 -0.06 0.00	35.22 0.18 0.00	35.56 0.39 0.00	36.99 0.44 0.00	38.28 0.57 0.00	40.09 0.48 0.00	40.21 0.40 0.00	41.98 -0.04 0.00	44.60 0.00 0.00	48.68 -0.05 0.00	47.76 0.14 0.00	44.23 0.35 0.00	40.73 0.36 0.00	37.18 0.22 0.00	33.54 0.23 0.00	30.08 0.03 0.00
NEG CENTRAL___DRP 24199	29.99 0.21 0.00	26.98 0.11 0.00	27.03 0.05 0.00	24.40 -0.05 0.00	24.54 0.00 0.00	25.71 0.08 0.00	27.84 0.19 0.00	30.89 0.52 0.00	33.08 0.62 0.00	35.60 0.56 0.00	36.02 0.84 0.00	37.54 0.99 0.00	38.89 1.17 0.00	40.64 1.03 0.00	40.89 1.07 0.00	42.73 0.71 0.00	45.41 0.80 0.00	49.66 0.93 0.00	48.72 1.10 0.00	45.02 1.14 0.00	41.38 1.01 0.00	37.73 0.78 0.00	33.84 0.53 0.00	30.53 0.48 0.00
NEG CENTRAL___INDECK 23768	30.83 1.04 0.00	27.78 0.91 0.00	27.76 0.78 0.00	25.03 0.59 0.00	25.11 0.56 0.00	26.30 0.67 0.00	28.42 0.77 0.00	31.59 1.22 0.00	33.70 1.23 0.00	36.55 1.51 0.00	36.59 1.41 0.00	37.94 1.39 0.00	38.06 0.34 0.00	39.81 0.20 0.00	40.17 0.36 0.00	41.94 -0.08 0.00	44.65 0.04 0.00	48.93 0.20 0.00	48.67 1.05 0.00	45.32 1.45 0.00	41.90 1.53 0.00	38.21 1.26 0.00	35.57 2.27 0.00	31.85 1.80 0.00
NEG CENTRAL___SENECA 23627	30.17 0.39 0.00	27.09 0.21 0.00	27.11 0.13 0.00	24.50 0.05 0.00	24.61 0.07 0.00	25.78 0.15 0.00	27.95 0.30 0.00	31.07 0.70 0.00	33.25 0.78 0.00	35.74 0.70 0.00	36.20 1.02 0.00	37.79 1.24 0.00	39.15 1.43 0.00	40.88 1.27 0.00	41.17 1.35 0.00	42.99 0.97 0.00	45.76 1.16 0.00	50.05 1.32 0.00	49.19 1.57 0.00	45.41 1.54 0.00	41.78 1.41 0.00	38.10 1.15 0.00	34.14 0.83 0.00	30.83 0.78 0.00
NEG CENTRAL___STATE_STREET 24147	30.05 0.27 0.00	27.27 0.40 0.00	27.35 0.38 0.00	24.67 0.22 0.00	24.86 0.32 0.00	25.96 0.33 0.00	27.87 0.22 0.00	30.86 0.49 0.00	33.12 0.65 0.00	35.67 0.63 0.00	36.02 0.84 0.00	37.57 1.02 0.00	38.81 1.09 0.00	40.64 1.03 0.00	40.89 1.07 0.00	42.94 0.92 0.00	45.63 1.03 0.00	49.90 1.17 0.00	48.91 1.29 0.00	45.15 1.27 0.00	41.50 1.13 0.00	37.88 0.92 0.00	33.97 0.67 0.00	30.53 0.48 0.00
NEG MILLWOOD___DRP 24198	31.93 2.14 0.00	28.59 1.72 0.00	28.78 1.81 0.00	26.06 1.61 0.00	26.09 1.55 0.00	27.25 1.61 0.00	29.53 1.88 0.00	32.47 2.10 0.00	34.93 2.47 0.00	37.74 2.70 0.00	37.71 2.53 0.00	39.11 2.56 0.00	40.28 2.56 0.00	42.42 2.81 0.00	42.68 2.87 0.00	45.34 3.32 0.00	48.22 3.61 0.00	52.63 3.90 0.00	51.24 3.62 0.00	47.12 3.25 0.00	43.28 2.91 0.00	39.50 2.55 0.00	35.67 2.36 0.00	31.94 1.89 0.00
NEG NORTH_FLCN_SEA 23793	29.91 0.12 0.00	27.17 0.30 0.00	27.22 0.24 0.00	24.69 0.24 0.00	24.81 0.27 0.00	25.94 0.31 0.00	28.26 0.61 0.00	31.13 0.76 0.00	33.02 0.55 0.00	35.71 0.67 0.00	35.70 0.53 0.00	37.03 0.48 0.00	38.40 0.68 0.00	40.24 0.63 0.00	40.69 0.88 0.00	42.90 0.88 0.00	45.36 0.76 0.00	49.56 0.83 0.00	48.67 1.05 0.00	44.71 0.83 0.00	41.46 1.09 0.00	37.99 1.03 0.00	33.97 0.67 0.00	30.77 0.72 0.00
NEG NORTH_KES_CHATEGAY 23792	29.61 -0.18 0.00	26.84 -0.03 0.00	26.92 -0.05 0.00	24.42 -0.02 0.00	24.52 -0.02 0.00	25.63 0.00 0.00	27.93 0.28 0.00	30.74 0.36 0.00	32.63 0.16 0.00	35.25 0.21 0.00	35.25 0.07 0.00	36.55 0.00 0.00	37.87 0.15 0.00	39.73 0.12 0.00	40.09 0.28 0.00	42.31 0.29 0.00	44.74 0.13 0.00	48.93 0.19 0.00	48.00 0.38 0.00	44.18 0.31 0.00	40.94 0.57 0.00	37.47 0.52 0.00	33.57 0.27 0.00	30.41 0.36 0.00



NEG NORTH___ALICE_FALLS 23915	29.88 0.09 0.00	27.11 0.24 0.00	27.17 0.19 0.00	24.64 0.20 0.00	24.76 0.22 0.00	25.91 0.28 0.00	28.23 0.58 0.00	31.07 0.70 0.00	32.99 0.52 0.00	35.64 0.60 0.00	35.63 0.46 0.00	36.95 0.40 0.00	38.32 0.60 0.00	40.17 0.55 0.00	40.61 0.80 0.00	42.86 0.84 0.00	45.27 0.67 0.00	49.51 0.78 0.00	48.62 1.00 0.00	44.67 0.79 0.00	41.50 1.13 0.00	37.99 1.03 0.00	33.94 0.63 0.00	30.74 0.69 0.00
NEG NORTH___LWR_SARANAC 23913	29.88 0.09 0.00	27.11 0.24 0.00	27.17 0.19 0.00	24.64 0.20 0.00	24.76 0.22 0.00	25.91 0.28 0.00	28.23 0.58 0.00	31.07 0.70 0.00	32.99 0.52 0.00	35.64 0.60 0.00	35.63 0.46 0.00	36.95 0.40 0.00	38.32 0.60 0.00	40.17 0.55 0.00	40.61 0.80 0.00	42.86 0.84 0.00	45.27 0.67 0.00	49.51 0.78 0.00	48.62 1.00 0.00	44.67 0.79 0.00	41.50 1.13 0.00	37.99 1.03 0.00	33.94 0.63 0.00	30.74 0.69 0.00
NEG NORTH___PLATTSBURG 23628	29.88 0.09 0.00	27.11 0.24 0.00	27.17 0.19 0.00	24.64 0.19 0.00	24.76 0.22 0.00	25.91 0.28 0.00	28.23 0.58 0.00	31.07 0.70 0.00	32.98 0.52 0.00	35.64 0.60 0.00	35.63 0.46 0.00	36.92 0.37 0.00	38.32 0.60 0.00	40.17 0.55 0.00	40.61 0.80 0.00	42.86 0.84 0.00	45.27 0.67 0.00	49.51 0.78 0.00	48.62 1.00 0.00	44.71 0.83 0.00	41.50 1.13 0.00	37.99 1.03 0.00	33.94 0.63 0.00	30.74 0.69 0.00
NEG WEST_LEA_LOCKPORT 23791	29.46 -0.33 0.00	26.47 -0.40 0.00	26.57 -0.40 0.00	23.84 -0.61 0.00	24.00 -0.54 0.00	25.07 -0.56 0.00	26.90 -0.75 0.00	30.22 -0.15 0.00	32.50 0.03 0.00	34.76 -0.28 0.00	35.53 0.35 0.00	37.17 0.62 0.00	38.62 0.91 0.00	40.17 0.55 0.00	40.53 0.72 0.00	42.15 0.13 0.00	44.65 0.04 0.00	48.58 -0.15 0.00	47.81 0.19 0.00	44.40 0.53 0.00	40.94 0.57 0.00	37.32 0.37 0.00	33.57 0.27 0.00	30.23 0.18 0.00
NEG WEST___LANCASTR 23811	29.55 -0.24 0.00	26.63 -0.24 0.00	26.68 -0.30 0.00	24.03 -0.42 0.00	24.12 -0.42 0.00	25.30 -0.33 0.00	27.24 -0.41 0.00	30.59 0.21 0.00	32.82 0.36 0.00	35.22 0.18 0.00	35.92 0.74 0.00	37.57 1.02 0.00	39.00 1.28 0.00	40.52 0.91 0.00	40.89 1.07 0.00	42.65 0.63 0.00	45.27 0.67 0.00	49.27 0.54 0.00	48.38 0.76 0.00	44.75 0.88 0.00	41.18 0.81 0.00	37.58 0.63 0.00	33.77 0.47 0.00	30.38 0.33 0.00
NEG_PENN_ALLEGHNY 23528	30.23 0.45 0.00	27.25 0.38 0.00	27.30 0.32 0.00	24.72 0.27 0.00	24.81 0.27 0.00	25.96 0.33 0.00	28.01 0.36 0.00	30.98 0.61 0.00	33.21 0.75 0.00	35.92 0.88 0.00	36.20 1.02 0.00	37.65 1.10 0.00	38.92 1.21 0.00	40.80 1.19 0.00	41.01 1.19 0.00	43.07 1.05 0.00	45.81 1.20 0.00	50.00 1.26 0.00	48.95 1.33 0.00	45.15 1.27 0.00	41.50 1.13 0.00	37.95 1.00 0.00	34.21 0.90 0.00	30.77 0.72 0.00
NEG___GEN_MONROE 24207	29.70 -0.09 0.00	26.76 -0.11 0.00	26.79 -0.19 0.00	24.16 -0.29 0.00	24.25 -0.29 0.00	25.35 -0.28 0.00	27.35 -0.30 0.00	30.49 0.12 0.00	32.82 0.36 0.00	35.18 0.14 0.00	35.81 0.63 0.00	37.35 0.80 0.00	38.81 1.09 0.00	40.44 0.83 0.00	40.69 0.88 0.00	42.40 0.38 0.00	45.05 0.45 0.00	49.07 0.34 0.00	48.14 0.52 0.00	44.71 0.83 0.00	41.06 0.69 0.00	37.54 0.59 0.00	33.77 0.47 0.00	30.41 0.36 0.00
NEPA___ENERGY 23901	29.85 0.06 0.00	26.95 0.08 0.00	27.00 0.03 0.00	24.35 -0.10 0.00	24.42 -0.12 0.00	25.61 -0.03 0.00	27.54 -0.11 0.00	30.86 0.49 0.00	33.12 0.65 0.00	35.53 0.49 0.00	36.23 1.06 0.00	37.90 1.35 0.00	39.30 1.58 0.00	40.92 1.31 0.00	41.32 1.51 0.00	43.07 1.05 0.00	45.67 1.07 0.00	49.70 0.97 0.00	48.81 1.19 0.00	45.15 1.27 0.00	41.50 1.13 0.00	37.91 0.96 0.00	34.07 0.77 0.00	30.65 0.60 0.00
NEVERSink___HYD 23608	31.57 1.79 0.00	28.21 1.34 0.00	28.35 1.38 0.00	25.67 1.22 0.00	25.72 1.18 0.00	26.86 1.23 0.00	29.12 1.46 0.00	31.92 1.55 0.00	34.35 1.88 0.00	37.00 1.96 0.00	37.00 1.83 0.00	38.49 1.94 0.00	39.68 1.96 0.00	41.71 2.10 0.00	42.00 2.19 0.00	44.58 2.56 0.00	47.46 2.86 0.00	51.85 3.12 0.00	50.53 2.91 0.00	46.46 2.59 0.00	42.63 2.26 0.00	39.21 2.25 0.00	35.41 2.10 0.00	31.73 1.68 0.00
NEWKRMKL_115KV_TB1 55635	30.71 0.92 0.00	27.68 0.81 0.00	27.81 0.84 0.00	25.23 0.78 0.00	25.35 0.81 0.00	26.48 0.85 0.00	28.59 0.97 0.03	31.22 0.85 0.00	33.54 1.07 0.00	36.01 1.16 0.18	36.27 1.09 0.00	37.68 1.13 0.00	38.81 1.09 0.00	40.84 1.23 0.00	40.85 1.04 0.00	43.32 1.30 0.00	45.99 1.38 0.00	50.19 1.46 0.00	48.86 1.24 0.00	45.02 1.14 0.00	41.50 1.13 0.00	38.10 1.15 0.00	34.41 1.10 0.00	30.83 0.78 0.00
NEWTON___FALLS_HYD 23847	29.55 -0.24 0.00	26.82 -0.05 0.00	26.87 -0.11 0.00	24.33 -0.12 0.00	24.34 -0.20 0.00	25.40 -0.23 0.00	27.35 -0.30 0.00	29.86 -0.52 0.00	31.75 -0.71 0.00	34.37 -0.67 0.00	34.40 -0.77 0.00	35.53 -1.02 0.00	36.62 -1.09 0.00	38.50 -1.11 0.00	39.13 -0.68 0.00	41.10 -0.92 0.00	43.49 -1.12 0.00	47.71 -1.02 0.00	46.95 -0.67 0.00	43.31 -0.57 0.00	40.05 -0.32 0.00	36.62 -0.33 0.00	33.11 -0.20 0.00	29.96 -0.09 0.00
NGRID_A1_DSASP 323792	28.98 -0.80 0.00	25.93 -0.94 0.00	26.19 -0.78 0.00	23.64 -0.81 0.00	23.63 -0.91 0.00	24.61 -1.03 0.00	26.41 -1.24 0.00	29.61 -0.76 0.00	31.82 -0.65 0.00	34.72 -0.32 0.00	35.07 -0.11 0.00	36.44 -0.11 0.00	37.83 0.11 0.00	39.57 -0.04 0.00	39.65 -0.16 0.00	41.22 -0.80 0.00	43.66 -0.94 0.00	47.51 -1.22 0.00	46.71 -0.91 0.00	43.39 -0.48 0.00	40.01 -0.36 0.00	36.51 -0.44 0.00	33.31 0.00 0.00	29.84 -0.21 0.00
NGRID_A2_DSASP 323793	28.98 -0.80 0.00	25.93 -0.94 0.00	26.19 -0.78 0.00	23.64 -0.81 0.00	23.63 -0.91 0.00	24.61 -1.03 0.00	26.41 -1.24 0.00	29.61 -0.76 0.00	31.82 -0.65 0.00	34.72 -0.32 0.00	35.07 -0.11 0.00	36.44 -0.11 0.00	37.83 0.11 0.00	39.57 -0.04 0.00	39.65 -0.16 0.00	41.22 -0.80 0.00	43.66 -0.94 0.00	47.51 -1.22 0.00	46.71 -0.91 0.00	43.39 -0.48 0.00	40.01 -0.36 0.00	36.51 -0.44 0.00	33.31 0.00 0.00	29.84 -0.21 0.00
NGRID_A4_DSASP 323807	28.71 -1.07 0.00	26.15 -0.73 0.00	25.95 -1.03 0.00	23.62 -0.83 0.00	23.39 -1.15 0.00	24.84 -0.79 0.00	26.52 -1.13 0.00	29.61 -0.76 0.00	31.82 -0.65 0.00	33.99 -1.05 0.00	34.75 -0.42 0.00	36.37 -0.18 0.00	37.79 0.08 0.00	39.29 -0.32 0.00	39.65 -0.16 0.00	41.22 -0.80 0.00	43.67 -0.94 0.00	47.51 -1.22 0.00	46.72 -0.90 0.00	43.39 -0.48 0.00	40.01 -0.36 0.00	36.51 -0.44 0.00	32.87 -0.43 0.00	29.54 -0.51 0.00
NIAGARA_115E_LBMP 323715	28.80 -0.98 0.00	26.23 -0.65 0.00	26.01 -0.97 0.00	23.45 -1.00 0.00	23.44 -1.10 0.00	24.89 -0.74 0.00	26.60 -1.05 0.00	29.68 -0.70 0.00	31.88 -0.58 0.00	34.80 -0.24 0.00	35.14 -0.04 0.00	36.51 -0.04 0.00	37.87 0.15 0.00	39.65 0.04 0.00	39.73 -0.08 0.00	41.31 -0.71 0.00	43.75 -0.85 0.00	47.66 -1.07 0.00	46.81 -0.81 0.00	43.52 -0.35 0.00	40.09 -0.28 0.00	36.58 -0.37 0.00	33.37 0.07 0.00	30.08 0.03 0.00

NIAGARA_115W_LBMP 323714	28.92 -0.86 0.00	25.85 -1.02 0.00	26.14 -0.84 0.00	23.59 -0.86 0.00	23.58 -0.96 0.00	24.48 -1.15 0.00	26.27 -1.38 0.00	29.49 -0.88 0.00	31.66 -0.81 0.00	34.55 -0.49 0.00	34.89 -0.28 0.00	36.26 -0.29 0.00	37.64 -0.08 0.00	39.37 -0.24 0.00	39.49 -0.32 0.00	41.01 -1.01 0.00	43.44 -1.16 0.00	47.27 -1.46 0.00	46.48 -1.14 0.00	43.17 -0.70 0.00	39.81 -0.57 0.00	36.32 -0.63 0.00	33.14 -0.17 0.00	29.72 -0.33 0.00
NIAGARA_230_LBMP 323716	29.04 -0.74 0.00	26.20 -0.67 0.00	26.25 -0.73 0.00	23.67 -0.78 0.00	23.66 -0.88 0.00	24.84 -0.79 0.00	26.68 -0.97 0.00	29.89 -0.49 0.00	32.08 -0.39 0.00	35.00 -0.04 0.00	35.35 0.18 0.00	36.73 0.18 0.00	38.13 0.42 0.00	39.89 0.28 0.00	39.97 0.16 0.00	41.56 -0.46 0.00	44.02 -0.58 0.00	47.90 -0.83 0.00	47.10 -0.52 0.00	43.74 -0.13 0.00	40.33 -0.04 0.00	36.81 -0.15 0.00	33.57 0.27 0.00	30.11 0.06 0.00
NIAGARA__115KV_198_GIBSON 55903	28.62 -1.16 0.00	26.09 -0.78 0.00	25.87 -1.11 0.00	23.57 -0.88 0.00	23.31 -1.23 0.00	24.76 -0.87 0.00	26.43 -1.22 0.00	29.46 -0.91 0.00	31.66 -0.81 0.00	33.81 -1.23 0.00	34.58 -0.60 0.00	36.18 -0.37 0.00	37.64 -0.08 0.00	39.14 -0.48 0.00	39.49 -0.32 0.00	41.01 -1.01 0.00	43.44 -1.16 0.00	47.27 -1.46 0.00	46.48 -1.14 0.00	43.17 -0.70 0.00	39.81 -0.57 0.00	36.32 -0.63 0.00	32.71 -0.60 0.00	29.39 -0.66 0.00
NIAGARA____ 23760	28.83 -0.95 0.00	25.98 -0.89 0.00	26.06 -0.92 0.00	23.50 -0.95 0.00	23.49 -1.05 0.00	24.61 -1.03 0.00	26.41 -1.24 0.00	29.64 -0.73 0.00	31.85 -0.62 0.00	34.76 -0.28 0.00	35.11 -0.07 0.00	36.48 -0.07 0.00	37.87 0.15 0.00	39.61 0.00 0.00	39.73 -0.08 0.00	41.31 -0.71 0.00	43.80 -0.80 0.00	47.66 -1.07 0.00	46.86 -0.76 0.00	43.48 -0.40 0.00	40.09 -0.28 0.00	36.55 -0.41 0.00	33.31 0.00 0.00	29.87 -0.18 0.00
NINE_MILE_1 23575	28.92 -0.86 0.00	26.07 -0.81 0.00	26.17 -0.81 0.00	23.69 -0.76 0.00	23.78 -0.76 0.00	24.84 -0.79 0.00	26.82 -0.83 0.00	29.55 -0.82 0.00	31.62 -0.84 0.00	34.20 -0.84 0.00	34.40 -0.77 0.00	35.75 -0.80 0.00	36.92 -0.79 0.00	38.74 -0.87 0.00	38.90 -0.91 0.00	40.93 -1.09 0.00	43.49 -1.11 0.00	47.51 -1.22 0.00	46.48 -1.14 0.00	42.87 -1.01 0.00	39.44 -0.93 0.00	36.07 -0.89 0.00	32.51 -0.80 0.00	29.30 -0.75 0.00
NINE_MILE_2 23744	28.92 -0.86 0.00	26.07 -0.81 0.00	26.17 -0.81 0.00	23.69 -0.76 0.00	23.78 -0.76 0.00	24.84 -0.79 0.00	26.82 -0.83 0.00	29.55 -0.82 0.00	31.62 -0.84 0.00	34.20 -0.84 0.00	34.40 -0.77 0.00	35.75 -0.80 0.00	36.92 -0.79 0.00	38.74 -0.87 0.00	38.90 -0.91 0.00	40.93 -1.09 0.00	43.49 -1.11 0.00	47.51 -1.22 0.00	46.48 -1.14 0.00	42.87 -1.01 0.00	39.44 -0.93 0.00	36.07 -0.89 0.00	32.51 -0.80 0.00	29.30 -0.75 0.00
NM_CAPITAL____DRP 24208	30.77 0.98 0.00	27.73 0.86 0.00	27.89 0.92 0.00	25.30 0.86 0.00	25.42 0.88 0.00	26.55 0.92 0.00	28.64 1.02 0.04	31.25 0.88 0.00	33.57 1.10 0.00	36.04 1.23 0.23	36.30 1.13 0.00	37.72 1.17 0.00	38.85 1.13 0.00	40.88 1.27 0.00	40.93 1.11 0.00	43.41 1.39 0.00	46.03 1.43 0.00	50.24 1.51 0.00	48.95 1.33 0.00	45.06 1.18 0.00	41.54 1.17 0.00	38.17 1.22 0.00	34.47 1.17 0.00	30.89 0.84 0.00
NM_CENTRAL____DRP 24181	29.55 -0.24 0.00	26.63 -0.24 0.00	26.68 -0.30 0.00	24.16 -0.29 0.00	24.27 -0.27 0.00	25.35 -0.28 0.00	27.35 -0.30 0.00	30.16 -0.21 0.00	32.34 -0.13 0.00	34.90 -0.14 0.00	35.18 0.00 0.00	36.66 0.11 0.00	37.87 0.15 0.00	39.69 0.08 0.00	39.89 0.08 0.00	41.94 -0.08 0.00	44.60 0.00 0.00	48.68 -0.05 0.00	47.67 0.05 0.00	43.96 0.09 0.00	40.41 0.04 0.00	36.95 0.00 0.00	33.21 -0.10 0.00	29.90 -0.15 0.00
NM_FRONTIER____DRP 24179	28.62 -1.16 0.00	26.09 -0.78 0.00	25.87 -1.11 0.00	23.57 -0.88 0.00	23.31 -1.23 0.00	24.76 -0.87 0.00	26.43 -1.22 0.00	29.46 -0.91 0.00	31.66 -0.81 0.00	33.81 -1.23 0.00	34.58 -0.60 0.00	36.18 -0.37 0.00	37.64 -0.08 0.00	39.14 -0.48 0.00	39.49 -0.32 0.00	41.01 -1.01 0.00	43.44 -1.16 0.00	47.27 -1.46 0.00	46.48 -1.14 0.00	43.17 -0.70 0.00	39.81 -0.57 0.00	36.32 -0.63 0.00	32.71 -0.60 0.00	29.39 -0.66 0.00
NM_ST_REGIS____HYD 24053	29.34 -0.45 0.00	26.71 -0.16 0.00	26.76 -0.22 0.00	24.25 -0.20 0.00	24.27 -0.27 0.00	25.32 -0.31 0.00	27.29 -0.36 0.00	29.98 -0.39 0.00	31.82 -0.65 0.00	34.44 -0.60 0.00	34.44 -0.74 0.00	35.56 -0.99 0.00	36.74 -0.98 0.00	38.62 -0.99 0.00	38.98 -0.84 0.00	41.05 -0.97 0.00	43.27 -1.34 0.00	47.37 -1.36 0.00	46.52 -1.10 0.00	42.78 -1.10 0.00	39.64 -0.73 0.00	36.36 -0.59 0.00	32.87 -0.43 0.00	29.84 -0.21 0.00
NORTHPORT____1 23551	43.30 2.83 -10.68	41.83 2.69 -12.27	38.00 2.75 -8.28	35.34 2.47 -8.43	34.98 2.41 -8.03	36.29 2.49 -8.17	32.86 2.85 -2.36	33.44 3.07 0.00	35.81 3.34 0.00	41.37 3.36 -2.97	47.27 3.41 -8.68	47.92 3.25 -8.12	49.74 3.02 -9.00	56.91 3.25 -14.05	62.92 3.46 -19.65	62.01 3.86 -16.13	67.24 4.15 -18.49	71.29 4.29 -18.27	61.26 3.86 -9.78	54.11 3.73 -6.50	48.97 3.27 -5.33	48.09 2.99 -8.14	44.73 3.43 -7.99	40.19 2.89 -7.26
NORTHPORT____2 23552	43.30 2.83 -10.68	41.83 2.69 -12.27	38.00 2.75 -8.28	35.34 2.47 -8.43	34.98 2.41 -8.03	36.29 2.49 -8.17	32.86 2.85 -2.36	33.44 3.07 0.00	35.81 3.34 0.00	41.37 3.36 -2.97	47.27 3.41 -8.68	47.92 3.25 -8.12	49.74 3.02 -9.00	56.91 3.25 -14.05	62.92 3.46 -19.65	62.01 3.86 -16.13	67.24 4.15 -18.49	71.29 4.29 -18.27	61.26 3.86 -9.78	54.11 3.73 -6.50	48.97 3.27 -5.33	48.09 2.99 -8.14	44.73 3.43 -7.99	40.19 2.89 -7.26
NORTHPORT____3 23553	43.11 2.65 -10.67	41.10 1.96 -12.27	37.27 2.02 -8.27	34.66 1.78 -8.43	34.31 1.74 -8.03	35.62 1.82 -8.17	32.19 2.18 -2.36	32.58 2.22 0.01	35.38 2.92 0.01	41.22 3.22 -2.96	46.31 2.46 -8.67	47.41 2.74 -8.11	49.11 2.79 -8.60	56.42 2.77 -14.04	62.34 2.83 -19.70	61.19 3.24 -15.93	66.60 3.52 -18.48	69.32 3.85 -16.74	58.48 3.62 -7.24	53.87 2.99 -7.01	48.68 2.71 -5.60	47.99 2.81 -8.23	43.93 2.63 -7.99	39.41 2.10 -7.26
NORTHPORT____4 23650	43.11 2.65 -10.67	41.10 1.96 -12.27	37.27 2.02 -8.27	34.66 1.78 -8.43	34.31 1.74 -8.03	35.62 1.82 -8.17	32.19 2.18 -2.36	32.58 2.22 0.01	35.38 2.92 0.01	41.22 3.22 -2.96	46.31 2.46 -8.67	47.41 2.74 -8.11	49.11 2.79 -8.60	56.42 2.77 -14.04	62.34 2.83 -19.70	61.19 3.24 -15.93	66.60 3.52 -18.48	69.32 3.85 -16.74	58.48 3.62 -7.24	53.87 2.99 -7.01	48.68 2.71 -5.60	47.99 2.81 -8.23	43.93 2.63 -7.99	39.41 2.10 -7.26
NORTHPORT____IC 23718	43.30 2.83 -10.68	41.83 2.69 -12.27	38.00 2.75 -8.28	35.34 2.47 -8.43	34.98 2.41 -8.03	36.29 2.49 -8.17	32.86 2.85 -2.36	33.44 3.07 0.00	35.81 3.34 0.00	41.37 3.36 -2.97	47.27 3.41 -8.68	47.92 3.25 -8.12	49.74 3.02 -9.00	56.91 3.25 -14.05	62.92 3.46 -19.65	62.01 3.86 -16.13	67.24 4.15 -18.49	71.29 4.29 -18.27	61.26 3.86 -9.78	54.11 3.73 -6.50	48.97 3.27 -5.33	48.09 2.99 -8.14	44.73 3.43 -7.99	40.19 2.89 -7.26

NORTH____COUNTRY_ESR 323785	29.55 -0.24 0.00	26.79 -0.08 0.00	26.87 -0.11 0.00	24.38 -0.07 0.00	24.47 -0.07 0.00	25.58 -0.05 0.00	27.87 0.22 0.00	30.71 0.33 0.00	32.56 0.10 0.00	35.22 0.18 0.00	35.21 0.04 0.00	36.51 -0.04 0.00	37.83 0.11 0.00	39.69 0.08 0.00	40.05 0.24 0.00	42.27 0.25 0.00	44.69 0.09 0.00	48.88 0.15 0.00	47.91 0.29 0.00	44.05 0.18 0.00	40.82 0.44 0.00	37.36 0.41 0.00	33.47 0.17 0.00	30.35 0.30 0.00
NPX_GEN_1385_PROXY 323591	42.85 2.38 -10.68	41.21 2.07 -12.27	37.49 2.24 -8.28	35.03 2.15 -8.43	34.68 2.11 -8.03	35.88 2.08 -8.17	32.64 2.63 -2.36	33.26 2.89 0.00	35.62 3.15 0.00	41.12 3.12 -2.97	46.60 2.75 -8.68	47.23 2.56 -8.12	48.91 2.19 -9.00	52.50 2.06 -10.83	50.80 2.23 -8.76	55.50 2.61 -10.87	57.10 2.81 -9.69	61.10 2.83 -9.54	59.50 2.43 -9.45	53.10 2.72 -6.50	48.16 2.46 -5.33	47.20 2.11 -8.14	43.90 2.60 -7.99	39.74 2.43 -7.26
NPX_GEN_CSC 323557	44.04 3.51 -10.74	42.14 2.98 -12.28	38.39 3.13 -8.28	35.56 2.69 -8.43	35.22 2.65 -8.03	36.57 2.77 -8.17	33.37 3.34 -2.37	33.95 3.52 -0.06	36.68 4.16 -0.06	42.30 4.24 -3.02	47.70 3.83 -8.69	48.60 3.87 -8.18	53.93 3.85 -12.36	57.79 4.08 -14.10	64.60 4.14 -20.65	64.56 4.75 -17.79	68.08 4.99 -18.49	85.20 5.31 -31.16	83.86 5.00 -31.24	62.27 4.48 -13.91	60.41 4.20 -15.84	52.33 3.77 -11.60	45.06 3.76 -7.99	40.49 3.18 -7.26
NSINS_S_GLNS_FALLS 23858	31.78 2.00 0.00	28.70 1.83 0.00	28.81 1.83 0.00	26.09 1.64 0.00	26.28 1.74 0.00	27.43 1.79 0.00	29.80 2.13 -0.02	32.62 2.25 0.00	34.97 2.50 0.00	37.93 2.73 -0.15	37.82 2.64 0.00	39.29 2.74 0.00	40.02 2.30 0.00	42.19 2.57 0.00	42.12 2.31 0.00	44.50 2.48 0.00	47.19 2.59 0.00	51.65 2.92 0.00	50.57 2.95 0.00	46.77 2.90 0.00	43.68 3.31 0.00	40.06 3.10 0.00	35.94 2.63 0.00	32.09 2.04 0.00
NUCOR_STEEL____DRP 24197	30.11 0.33 0.00	27.14 0.27 0.00	27.19 0.22 0.00	24.55 0.10 0.00	24.71 0.17 0.00	25.84 0.21 0.00	27.90 0.25 0.00	30.86 0.49 0.00	33.12 0.65 0.00	35.67 0.63 0.00	35.99 0.81 0.00	37.54 0.99 0.00	38.74 1.02 0.00	40.60 0.99 0.00	40.81 1.00 0.00	42.86 0.84 0.00	45.54 0.94 0.00	49.85 1.12 0.00	48.86 1.24 0.00	45.10 1.23 0.00	41.46 1.09 0.00	37.88 0.92 0.00	34.01 0.70 0.00	30.56 0.51 0.00
NUMBER_THREE_WT_PWR 323818	30.00 0.21 0.00	27.08 0.21 0.00	27.14 0.16 0.00	24.55 0.10 0.00	24.61 0.07 0.00	25.68 0.05 0.00	27.73 0.08 0.00	30.07 -0.30 0.00	32.04 -0.42 0.00	34.69 -0.35 0.00	34.68 -0.49 0.00	35.89 -0.66 0.00	36.96 -0.75 0.00	38.82 -0.79 0.00	39.89 0.08 0.00	41.85 -0.17 0.00	44.43 -0.18 0.00	48.83 0.10 0.00	48.10 0.48 0.00	44.44 0.57 0.00	41.01 0.64 0.00	37.40 0.45 0.00	33.71 0.40 0.00	30.41 0.36 0.00
NYISO_LBMP_REFERENCE 24008	29.79 0.00 0.00	26.87 0.00 0.00	26.98 0.00 0.00	24.45 0.00 0.00	24.54 0.00 0.00	25.63 0.00 0.00	27.65 0.00 0.00	30.37 0.00 0.00	32.47 0.00 0.00	35.04 0.00 0.00	35.18 0.00 0.00	36.55 0.00 0.00	37.72 0.00 0.00	39.61 0.00 0.00	39.81 0.00 0.00	42.02 0.00 0.00	44.60 0.00 0.00	48.73 0.00 0.00	47.62 0.00 0.00	43.88 0.00 0.00	40.37 0.00 0.00	36.95 0.00 0.00	33.31 0.00 0.00	30.05 0.00 0.00
NYPA_BRENTWD____GT 24164	43.87 3.39 -10.69	42.18 3.04 -12.27	38.33 3.07 -8.28	35.61 2.74 -8.43	35.27 2.70 -8.03	36.62 2.82 -8.17	33.22 3.21 -2.37	33.91 3.52 -0.01	36.41 3.93 -0.01	42.11 4.10 -2.98	47.90 4.04 -8.68	48.70 4.02 -8.13	51.30 3.96 -9.63	57.87 4.20 -14.06	66.28 4.42 -22.05	63.21 4.75 -16.44	68.21 5.13 -18.48	74.77 5.36 -20.68	66.36 4.95 -13.79	76.33 4.74 -27.71	62.83 4.24 -18.22	53.18 3.88 -12.35	45.30 3.99 -7.99	40.61 3.31 -7.26
NYPA_GOWANUS____GT5 24156	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.14 3.52 0.00	46.99 3.12 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NYPA_GOWANUS____GT6 24157	32.32 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	37.81 2.77 0.00	37.78 2.60 0.00	39.29 2.74 0.00	40.47 2.75 0.00	42.50 2.89 0.00	42.96 3.14 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.14 3.52 0.00	46.99 3.12 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.05 2.73 -0.02	32.33 2.28 0.00
NYPA_HARLEM_RVR_GT1 24160	32.21 2.41 -0.01	28.81 1.94 -0.01	29.01 2.02 -0.01	26.22 1.76 -0.01	26.22 1.67 -0.01	27.30 1.67 0.00	29.53 1.88 0.00	32.40 2.04 0.01	34.90 2.44 0.01	37.39 2.35 0.00	37.39 2.22 0.00	38.96 2.41 0.00	40.13 2.42 0.00	42.22 2.61 0.00	42.68 2.87 0.00	45.42 3.40 0.00	48.22 3.61 -0.01	52.49 3.75 -0.01	50.90 3.28 0.00	46.73 2.85 -0.01	42.71 2.34 0.00	39.32 2.37 0.00	35.91 2.60 0.00	32.22 2.16 -0.01
NYPA_HARLEM_RVR_GT2 24161	32.21 2.41 -0.01	28.81 1.94 -0.01	29.01 2.02 -0.01	26.22 1.76 -0.01	26.22 1.67 -0.01	27.30 1.67 0.00	29.53 1.88 0.00	32.40 2.04 0.01	34.90 2.44 0.01	37.39 2.35 0.00	37.39 2.22 0.00	38.96 2.41 0.00	40.13 2.42 0.00	42.22 2.61 0.00	42.68 2.87 0.00	45.42 3.40 0.00	48.22 3.61 -0.01	52.49 3.75 -0.01	50.90 3.28 0.00	46.73 2.85 -0.01	42.71 2.34 0.00	39.32 2.37 0.00	35.91 2.60 0.00	32.22 2.16 -0.01
NYPA_KENT____GT 24152	32.23 2.44 0.00	28.81 1.94 0.00	29.00 2.02 0.00	26.19 1.74 0.00	26.19 1.64 0.00	27.30 1.67 0.00	29.56 1.91 0.00	32.62 2.25 0.00	35.16 2.69 0.00	37.74 2.70 0.00	37.74 2.57 0.00	39.22 2.67 0.00	40.40 2.68 0.00	42.42 2.81 0.00	42.88 3.07 0.00	45.51 3.49 0.00	48.35 3.75 0.00	52.61 3.85 -0.03	51.00 3.38 0.00	46.86 2.99 0.00	42.96 2.59 0.00	39.57 2.59 -0.03	35.95 2.63 -0.01	32.27 2.22 0.00
NYPA_POUCH1____GT 24155	32.30 2.50 -0.01	28.86 1.99 0.00	29.03 2.05 0.00	26.19 1.74 0.00	26.16 1.62 0.00	27.22 1.59 0.00	29.45 1.80 0.00	32.53 2.16 0.00	35.10 2.63 0.00	37.67 2.63 0.00	37.68 2.50 0.00	39.19 2.63 0.00	40.36 2.64 0.00	42.34 2.73 0.00	42.84 3.02 0.00	45.51 3.49 0.00	48.39 3.79 0.00	52.73 3.95 -0.06	51.05 3.43 0.00	46.90 3.03 0.00	42.96 2.59 0.00	39.63 2.62 -0.06	35.99 2.67 -0.02	32.30 2.25 0.00
NYPA_VERNON____GT2 24162	32.17 2.38 0.00	28.75 1.88 0.00	28.94 1.97 0.00	26.16 1.71 0.00	26.16 1.62 0.00	27.30 1.67 0.00	29.56 1.91 0.00	32.59 2.22 0.00	35.13 2.66 0.00	37.67 2.63 0.00	37.67 2.50 0.00	39.15 2.60 0.00	40.32 2.60 0.00	42.38 2.77 0.00	42.80 2.99 0.00	45.42 3.40 0.00	48.26 3.66 0.00	52.49 3.75 -0.01	50.90 3.28 0.00	46.77 2.90 0.00	42.87 2.50 0.00	39.44 2.48 -0.01	35.87 2.56 0.00	32.18 2.13 0.00

NYPA_VERNON____GT3 24163	32.17 2.38 0.00	28.75 1.88 0.00	28.94 1.97 0.00	26.16 1.71 0.00	26.16 1.62 0.00	27.30 1.67 0.00	29.56 1.91 0.00	32.59 2.22 0.00	35.13 2.66 0.00	37.67 2.63 0.00	37.67 2.50 0.00	39.15 2.60 0.00	40.32 2.60 0.00	42.38 2.77 0.00	42.80 2.99 0.00	45.42 3.40 0.00	48.26 3.66 0.00	52.49 3.75 -0.01	50.90 3.28 0.00	46.77 2.90 0.00	42.87 2.50 0.00	39.44 2.48 -0.01	35.87 2.56 0.00	32.18 2.13 0.00
NYPA____ASTORIA_CC1 323568	32.11 2.32 0.00	28.72 1.85 0.00	28.92 1.94 0.00	26.13 1.69 0.00	26.14 1.59 0.00	27.25 1.62 0.00	29.53 1.88 0.00	32.53 2.16 0.00	35.07 2.60 0.00	37.56 2.52 0.00	37.57 2.39 0.00	39.07 2.52 0.00	40.21 2.49 0.00	42.27 2.65 0.00	42.72 2.90 0.00	45.34 3.32 0.00	48.13 3.52 0.00	52.34 3.61 0.00	50.76 3.14 0.00	46.69 2.81 0.00	42.75 2.38 0.00	39.32 2.37 0.00	35.81 2.50 0.00	32.15 2.10 0.00
NYPA____ASTORIA_CC2 323569	32.11 2.32 0.00	28.72 1.85 0.00	28.92 1.94 0.00	26.13 1.69 0.00	26.14 1.59 0.00	27.25 1.62 0.00	29.53 1.88 0.00	32.53 2.16 0.00	35.07 2.60 0.00	37.56 2.52 0.00	37.57 2.39 0.00	39.07 2.52 0.00	40.21 2.49 0.00	42.27 2.65 0.00	42.72 2.90 0.00	45.34 3.32 0.00	48.13 3.52 0.00	52.34 3.61 0.00	50.76 3.14 0.00	46.69 2.81 0.00	42.75 2.38 0.00	39.32 2.37 0.00	35.81 2.50 0.00	32.15 2.10 0.00
NYPA____HOLTSVILL 23794	43.80 3.28 -10.74	42.06 2.90 -12.28	38.23 2.97 -8.28	35.49 2.62 -8.43	35.15 2.58 -8.03	36.50 2.69 -8.17	33.09 3.07 -2.37	33.77 3.34 -0.06	36.29 3.76 -0.06	41.95 3.89 -3.02	47.52 3.66 -8.69	48.42 3.69 -8.18	53.61 3.59 -12.31	57.48 3.77 -14.10	64.54 3.90 -20.83	64.16 4.37 -17.77	67.78 4.68 -18.50	84.65 4.97 -30.94	83.08 4.57 -30.89	61.90 4.17 -13.86	59.86 3.79 -15.70	52.06 3.55 -11.56	44.93 3.63 -7.99	40.34 3.03 -7.26
NYPA____HELLGATE_GT1 24158	32.21 2.41 -0.01	28.81 1.94 -0.01	29.01 2.02 -0.01	26.22 1.76 -0.01	26.22 1.67 -0.01	27.30 1.67 0.00	29.53 1.88 0.00	32.40 2.04 0.01	34.90 2.44 0.01	37.39 2.35 0.00	37.39 2.22 0.00	38.96 2.41 0.00	40.13 2.42 0.00	42.22 2.61 0.00	42.68 2.87 0.00	45.42 3.40 0.00	48.22 3.61 -0.01	52.49 3.75 -0.01	50.90 3.28 0.00	46.73 2.85 -0.01	42.71 2.34 0.00	39.32 2.37 0.00	35.91 2.60 0.00	32.22 2.16 -0.01
NYPA____HELLGATE_GT2 24159	32.21 2.41 -0.01	28.81 1.94 -0.01	29.01 2.02 -0.01	26.22 1.76 -0.01	26.22 1.67 -0.01	27.30 1.67 0.00	29.53 1.88 0.00	32.40 2.04 0.01	34.90 2.44 0.01	37.39 2.35 0.00	37.39 2.22 0.00	38.96 2.41 0.00	40.13 2.42 0.00	42.22 2.61 0.00	42.68 2.87 0.00	45.42 3.40 0.00	48.22 3.61 -0.01	52.49 3.75 -0.01	50.90 3.28 0.00	46.73 2.85 -0.01	42.71 2.34 0.00	39.32 2.37 0.00	35.91 2.60 0.00	32.22 2.16 -0.01
NYS_BARGE____HYD 23848	29.34 -0.45 0.00	26.60 -0.27 0.00	26.46 -0.51 0.00	23.86 -0.59 0.00	23.85 -0.69 0.00	25.22 -0.41 0.00	27.04 -0.61 0.00	30.25 -0.12 0.00	32.50 0.03 0.00	35.49 0.45 0.00	35.84 0.67 0.00	37.24 0.69 0.00	38.62 0.90 0.00	40.44 0.83 0.00	40.53 0.72 0.00	42.15 0.13 0.00	44.65 0.04 0.00	48.63 -0.10 0.00	47.81 0.19 0.00	44.40 0.53 0.00	40.94 0.56 0.00	37.36 0.41 0.00	34.01 0.70 0.00	30.59 0.54 0.00
OAK ORCHARD____HYD 24046	29.73 -0.06 0.00	26.84 -0.03 0.00	26.84 -0.13 0.00	24.20 -0.24 0.00	24.27 -0.27 0.00	25.40 -0.23 0.00	27.37 -0.28 0.00	30.53 0.15 0.00	32.86 0.39 0.00	35.74 0.70 0.00	36.06 0.88 0.00	37.50 0.95 0.00	38.81 1.09 0.00	40.64 1.03 0.00	40.77 0.95 0.00	42.53 0.51 0.00	45.09 0.49 0.00	49.17 0.44 0.00	48.29 0.67 0.00	44.80 0.92 0.00	41.26 0.89 0.00	37.65 0.70 0.00	34.10 0.80 0.00	30.59 0.54 0.00
OAKDALE__35_KV_LOAD 356122	30.08 0.30 0.00	27.11 0.24 0.00	27.19 0.22 0.00	24.62 0.17 0.00	24.71 0.17 0.00	25.84 0.21 0.00	27.87 0.22 0.00	30.80 0.43 0.00	33.02 0.55 0.00	35.57 0.53 0.00	35.92 0.74 0.00	37.39 0.84 0.00	38.66 0.94 0.00	40.48 0.87 0.00	40.73 0.92 0.00	42.82 0.80 0.00	45.50 0.89 0.00	49.66 0.93 0.00	48.62 1.00 0.00	44.84 0.97 0.00	41.26 0.89 0.00	37.69 0.74 0.00	33.91 0.60 0.00	30.53 0.48 0.00
OCC_CHEM____DRP 24175	28.71 -1.07 0.00	26.15 -0.73 0.00	25.95 -1.03 0.00	23.62 -0.83 0.00	23.39 -1.15 0.00	24.84 -0.79 0.00	26.52 -1.13 0.00	29.61 -0.76 0.00	31.82 -0.65 0.00	33.99 -1.05 0.00	34.75 -0.42 0.00	36.37 -0.18 0.00	37.79 0.08 0.00	39.29 -0.32 0.00	39.65 -0.16 0.00	41.22 -0.80 0.00	43.67 -0.94 0.00	47.51 -1.22 0.00	46.72 -0.90 0.00	43.39 -0.48 0.00	40.01 -0.36 0.00	36.51 -0.44 0.00	32.87 -0.43 0.00	29.54 -0.51 0.00
OH_GEN_PROXY 24063	29.04 -0.74 0.00	26.20 -0.67 0.00	26.25 -0.73 0.00	23.67 -0.78 0.00	23.66 -0.88 0.00	24.84 -0.79 0.00	26.60 -0.97 0.08	30.00 -0.45 -0.08	32.11 -0.36 0.00	35.04 0.00 0.00	35.39 0.21 0.00	36.73 0.18 0.00	38.13 0.42 0.00	39.89 0.28 0.00	40.01 0.20 0.00	41.60 -0.42 0.00	44.11 -0.49 0.00	48.00 -0.73 0.00	47.14 -0.48 0.00	43.79 -0.09 0.00	40.37 0.00 0.00	36.84 -0.11 0.00	33.57 0.27 0.00	30.11 0.06 0.00
OLIN_CORP_DRP 24177	29.10 -0.69 0.00	26.04 -0.83 0.00	26.28 -0.70 0.00	23.47 -0.98 0.00	23.71 -0.83 0.00	24.66 -0.97 0.00	26.49 -1.16 0.00	29.73 -0.64 0.00	31.95 -0.52 0.00	34.13 -0.91 0.00	34.90 -0.28 0.00	36.51 -0.04 0.00	37.94 0.23 0.00	39.45 -0.16 0.00	39.81 0.00 0.00	41.39 -0.63 0.00	43.84 -0.76 0.00	47.76 -0.97 0.00	46.95 -0.67 0.00	43.61 -0.26 0.00	40.17 -0.20 0.00	36.66 -0.30 0.00	33.01 -0.30 0.00	29.81 -0.24 0.00
OLIN_CORP_DSASP 323712	28.98 -0.80 0.00	25.93 -0.94 0.00	26.19 -0.78 0.00	23.64 -0.81 0.00	23.63 -0.91 0.00	24.61 -1.03 0.00	26.41 -1.24 0.00	29.61 -0.76 0.00	31.82 -0.65 0.00	34.72 -0.32 0.00	35.07 -0.11 0.00	36.44 -0.11 0.00	37.83 0.11 0.00	39.57 -0.04 0.00	39.65 -0.16 0.00	41.22 -0.80 0.00	43.66 -0.94 0.00	47.51 -1.22 0.00	46.71 -0.91 0.00	43.39 -0.48 0.00	40.01 -0.36 0.00	36.51 -0.44 0.00	33.31 0.00 0.00	29.84 -0.21 0.00
ONEIDA_HERK_LFGE 323681	30.38 0.60 0.00	27.30 0.43 0.00	27.41 0.43 0.00	24.79 0.34 0.00	24.88 0.34 0.00	25.99 0.36 0.00	28.15 0.50 0.00	31.19 0.82 0.00	33.44 0.97 0.00	36.19 1.15 0.00	36.37 1.20 0.00	37.75 1.20 0.00	38.92 1.21 0.00	40.92 1.31 0.00	40.77 0.95 0.00	42.86 0.84 0.00	45.54 0.94 0.00	49.85 1.12 0.00	48.95 1.33 0.00	45.15 1.27 0.00	41.62 1.25 0.00	37.91 0.96 0.00	34.14 0.83 0.00	30.74 0.69 0.00
ONEIDA__115KV_TB4 55905	30.56 0.77 0.00	27.43 0.56 0.00	27.52 0.54 0.00	24.89 0.44 0.00	24.98 0.44 0.00	26.09 0.46 0.00	28.29 0.64 0.00	31.22 0.85 0.00	33.51 1.04 0.00	36.16 1.12 0.00	36.41 1.23 0.00	37.83 1.28 0.00	39.04 1.32 0.00	41.00 1.39 0.00	41.13 1.31 0.00	43.20 1.18 0.00	45.94 1.34 0.00	50.34 1.61 0.00	49.38 1.76 0.00	45.59 1.71 0.00	41.99 1.61 0.00	38.21 1.26 0.00	34.37 1.07 0.00	30.92 0.87 0.00

ONONDAGA_REF_OCCRA 23987	29.67 -0.12 0.00	26.71 -0.16 0.00	26.79 -0.19 0.00	24.23 -0.22 0.00	24.34 -0.20 0.00	25.45 -0.18 0.00	27.46 -0.19 0.00	30.31 -0.06 0.00	32.50 0.03 0.00	35.04 0.00 0.00	35.35 0.18 0.00	36.81 0.26 0.00	38.06 0.34 0.00	39.85 0.24 0.00	40.09 0.28 0.00	42.15 0.13 0.00	44.83 0.22 0.00	48.97 0.24 0.00	47.91 0.29 0.00	44.18 0.31 0.00	40.65 0.28 0.00	37.14 0.18 0.00	33.37 0.07 0.00	30.02 -0.03 0.00
ONONDAGA___COGEN 23986	29.73 -0.06 0.00	26.79 -0.08 0.00	26.84 -0.13 0.00	24.28 -0.17 0.00	24.42 -0.12 0.00	25.50 -0.13 0.00	27.54 -0.11 0.00	30.40 0.03 0.00	32.60 0.13 0.00	35.15 0.11 0.00	35.46 0.28 0.00	36.92 0.37 0.00	38.17 0.45 0.00	39.97 0.36 0.00	40.17 0.36 0.00	42.23 0.21 0.00	44.92 0.31 0.00	49.02 0.29 0.00	48.00 0.38 0.00	44.27 0.39 0.00	40.73 0.36 0.00	37.21 0.26 0.00	33.44 0.13 0.00	30.11 0.06 0.00
ONTARIO___LFGE 23819	30.17 0.39 0.00	27.08 0.21 0.00	27.14 0.16 0.00	24.50 0.05 0.00	24.61 0.07 0.00	25.79 0.15 0.00	27.96 0.30 0.00	31.07 0.70 0.00	33.24 0.78 0.00	36.02 0.98 0.00	36.34 1.16 0.00	37.83 1.28 0.00	39.15 1.43 0.00	40.96 1.35 0.00	41.17 1.35 0.00	42.99 0.97 0.00	45.76 1.16 0.00	50.05 1.32 0.00	49.19 1.57 0.00	45.41 1.53 0.00	41.74 1.37 0.00	38.10 1.15 0.00	34.27 0.97 0.00	30.92 0.87 0.00
ORANGEVILLE_WT_PWR 323706	29.79 0.00 0.00	26.90 0.03 0.00	26.90 -0.08 0.00	24.28 -0.17 0.00	24.32 -0.22 0.00	25.53 -0.10 0.00	27.46 -0.19 0.00	30.74 0.37 0.00	32.98 0.52 0.00	35.92 0.88 0.00	36.27 1.09 0.00	37.72 1.17 0.00	39.04 1.32 0.00	40.80 1.19 0.00	40.97 1.16 0.00	42.69 0.67 0.00	45.36 0.76 0.00	49.36 0.63 0.00	48.57 0.95 0.00	44.97 1.10 0.00	41.38 1.01 0.00	37.73 0.78 0.00	34.24 0.93 0.00	30.74 0.69 0.00
ORANGEVILLE___ESR 323794	29.79 0.00 0.00	26.90 0.03 0.00	26.90 -0.08 0.00	24.28 -0.17 0.00	24.32 -0.22 0.00	25.53 -0.10 0.00	27.46 -0.19 0.00	30.74 0.37 0.00	32.98 0.52 0.00	35.92 0.88 0.00	36.27 1.09 0.00	37.72 1.17 0.00	39.04 1.32 0.00	40.80 1.19 0.00	40.97 1.16 0.00	42.69 0.67 0.00	45.36 0.76 0.00	49.36 0.63 0.00	48.57 0.95 0.00	44.97 1.10 0.00	41.38 1.01 0.00	37.73 0.78 0.00	34.24 0.93 0.00	30.74 0.69 0.00
OSWEGATCHIE___HYD 24044	29.55 -0.24 0.00	26.82 -0.05 0.00	26.87 -0.11 0.00	24.33 -0.12 0.00	24.34 -0.20 0.00	25.40 -0.23 0.00	27.35 -0.30 0.00	29.86 -0.52 0.00	31.75 -0.71 0.00	34.37 -0.67 0.00	34.40 -0.77 0.00	35.53 -1.02 0.00	36.62 -1.09 0.00	38.50 -1.11 0.00	39.13 -0.68 0.00	41.10 -0.92 0.00	43.49 -1.11 0.00	47.70 -1.03 0.00	46.95 -0.67 0.00	43.30 -0.57 0.00	40.05 -0.32 0.00	36.62 -0.33 0.00	33.11 -0.20 0.00	29.96 -0.09 0.00
OSWEGO___5 23606	29.16 -0.63 0.00	26.28 -0.59 0.00	26.38 -0.59 0.00	23.86 -0.59 0.00	23.98 -0.56 0.00	25.04 -0.59 0.00	27.04 -0.61 0.00	29.79 -0.58 0.00	31.91 -0.55 0.00	34.48 -0.56 0.00	34.68 -0.49 0.00	36.07 -0.48 0.00	37.23 -0.49 0.00	39.06 -0.55 0.00	39.25 -0.56 0.00	41.31 -0.71 0.00	43.89 -0.72 0.00	47.90 -0.83 0.00	46.91 -0.71 0.00	43.26 -0.61 0.00	39.81 -0.57 0.00	36.40 -0.55 0.00	32.81 -0.50 0.00	29.54 -0.51 0.00
OSWEGO___6 23613	29.16 -0.63 0.00	26.28 -0.59 0.00	26.38 -0.59 0.00	23.86 -0.59 0.00	23.98 -0.56 0.00	25.04 -0.59 0.00	27.04 -0.61 0.00	29.79 -0.58 0.00	31.91 -0.55 0.00	34.48 -0.56 0.00	34.68 -0.49 0.00	36.07 -0.48 0.00	37.23 -0.49 0.00	39.06 -0.55 0.00	39.25 -0.56 0.00	41.31 -0.71 0.00	43.89 -0.72 0.00	47.90 -0.83 0.00	46.91 -0.71 0.00	43.26 -0.61 0.00	39.81 -0.57 0.00	36.40 -0.55 0.00	32.81 -0.50 0.00	29.54 -0.51 0.00
OUTOKUMPU-AB___DRP 24206	29.58 -0.21 0.00	26.74 -0.13 0.00	26.68 -0.30 0.00	24.11 -0.34 0.00	24.07 -0.47 0.00	25.35 -0.28 0.00	27.18 -0.47 0.00	30.49 0.12 0.00	32.79 0.32 0.00	35.08 0.04 0.00	35.88 0.70 0.00	37.57 1.02 0.00	39.00 1.28 0.00	40.56 0.95 0.00	40.93 1.11 0.00	42.57 0.55 0.00	45.18 0.58 0.00	49.12 0.39 0.00	48.29 0.67 0.00	44.80 0.92 0.00	41.26 0.89 0.00	37.66 0.70 0.00	33.87 0.57 0.00	30.44 0.39 0.00
OXBOW____ 24026	29.40 -0.39 0.00	26.36 -0.51 0.00	26.52 -0.46 0.00	23.93 -0.51 0.00	23.95 -0.59 0.00	25.02 -0.62 0.00	26.85 -0.80 0.00	30.16 -0.21 0.00	32.40 -0.06 0.00	35.39 0.35 0.00	35.74 0.56 0.00	37.17 0.62 0.00	38.55 0.83 0.00	40.32 0.71 0.00	40.45 0.64 0.00	42.02 0.00 0.00	44.56 -0.04 0.00	48.49 -0.24 0.00	47.67 0.05 0.00	44.23 0.35 0.00	40.77 0.40 0.00	37.21 0.26 0.00	33.91 0.60 0.00	30.41 0.36 0.00
OXY_CHEM_DSASP 323612	28.71 -1.07 0.00	26.15 -0.73 0.00	25.95 -1.03 0.00	23.62 -0.83 0.00	23.39 -1.15 0.00	24.84 -0.79 0.00	26.52 -1.13 0.00	29.61 -0.76 0.00	31.82 -0.65 0.00	33.99 -1.05 0.00	34.75 -0.42 0.00	36.37 -0.18 0.00	37.79 0.08 0.00	39.29 -0.32 0.00	39.65 -0.16 0.00	41.22 -0.80 0.00	43.67 -0.94 0.00	47.51 -1.22 0.00	46.72 -0.90 0.00	43.39 -0.48 0.00	40.01 -0.36 0.00	36.51 -0.44 0.00	32.87 -0.43 0.00	29.54 -0.51 0.00
OZONE_PARK_ESR 323760	32.32 2.53 0.00	28.91 2.04 0.00	29.11 2.13 0.00	26.33 1.88 0.00	26.33 1.79 0.00	27.50 1.87 0.00	29.78 2.13 0.00	32.86 2.49 0.00	35.39 2.92 0.00	38.26 3.22 0.00	38.13 2.95 0.00	39.55 3.00 0.00	40.70 2.98 0.00	42.86 3.25 0.00	43.20 3.38 0.00	45.93 3.91 0.00	48.84 4.24 0.00	53.12 4.39 0.00	51.57 3.95 0.00	47.39 3.51 0.00	43.40 3.03 0.00	39.76 2.81 0.00	36.20 2.90 0.00	32.42 2.37 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.71 -1.07 0.00	26.15 -0.73 0.00	25.95 -1.03 0.00	23.62 -0.83 0.00	23.39 -1.15 0.00	24.84 -0.79 0.00	26.52 -1.13 0.00	29.61 -0.76 0.00	31.82 -0.65 0.00	33.99 -1.05 0.00	34.75 -0.42 0.00	36.37 -0.18 0.00	37.79 0.08 0.00	39.29 -0.32 0.00	39.65 -0.16 0.00	41.22 -0.80 0.00	43.67 -0.94 0.00	47.51 -1.22 0.00	46.72 -0.90 0.00	43.39 -0.48 0.00	40.01 -0.36 0.00	36.51 -0.44 0.00	32.87 -0.43 0.00	29.54 -0.51 0.00
PACKARD___115KV_DUPONT_184 80571	28.71 -1.07 0.00	26.15 -0.73 0.00	25.95 -1.03 0.00	23.62 -0.83 0.00	23.39 -1.15 0.00	24.84 -0.79 0.00	26.52 -1.13 0.00	29.61 -0.76 0.00	31.82 -0.65 0.00	33.99 -1.05 0.00	34.75 -0.42 0.00	36.37 -0.18 0.00	37.79 0.08 0.00	39.29 -0.32 0.00	39.65 -0.16 0.00	41.22 -0.80 0.00	43.67 -0.94 0.00	47.51 -1.22 0.00	46.72 -0.90 0.00	43.39 -0.48 0.00	40.01 -0.36 0.00	36.51 -0.44 0.00	32.87 -0.43 0.00	29.54 -0.51 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.24 2.44 -0.01	28.84 1.96 -0.01	29.03 2.05 -0.01	26.24 1.78 -0.01	26.24 1.69 -0.01	27.32 1.69 0.00	29.56 1.91 0.00	32.41 2.03 0.00	34.93 2.47 0.00	37.77 2.73 0.00	37.60 2.43 0.00	39.04 2.49 0.00	40.17 2.45 0.00	42.34 2.73 0.00	42.72 2.91 0.00	45.42 3.40 0.00	48.27 3.66 -0.01	52.49 3.75 -0.01	50.95 3.33 0.00	46.78 2.90 -0.01	42.79 2.42 0.00	39.39 2.44 0.00	36.04 2.73 0.00	32.31 2.25 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.71 2.92 -0.01	29.06 2.18 -0.01	29.30 2.32 -0.01	26.44 1.98 -0.01	26.44 1.89 -0.01	27.58 1.95 0.00	29.97 2.32 0.00	32.92 2.55 0.00	35.49 3.02 0.00	38.33 3.29 0.00	38.13 2.95 0.00	39.58 3.03 0.00	40.73 3.02 0.00	42.98 3.37 0.00	43.36 3.54 0.00	46.10 4.08 0.00	48.98 4.37 -0.01	53.32 4.58 -0.01	51.72 4.10 0.00	47.48 3.60 -0.01	43.40 3.03 0.00	39.95 2.99 0.00	36.54 3.23 0.00	32.76 2.70 -0.01
PATROON__115KV_TB1 80586	30.80 1.01 0.00	27.76 0.89 0.00	27.92 0.94 0.00	25.30 0.86 0.00	25.42 0.88 0.00	26.55 0.92 0.00	28.67 1.05 0.03	31.31 0.94 0.00	33.64 1.17 0.00	36.16 1.30 0.18	36.37 1.20 0.00	37.83 1.28 0.00	38.96 1.24 0.00	41.00 1.39 0.00	41.01 1.19 0.00	43.49 1.47 0.00	46.16 1.56 0.00	50.39 1.66 0.00	49.05 1.43 0.00	45.15 1.27 0.00	41.62 1.25 0.00	38.25 1.29 0.00	34.51 1.20 0.00	30.95 0.90 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.73 -0.06 0.00	26.76 -0.11 0.00	26.81 -0.16 0.00	24.16 -0.29 0.00	24.25 -0.29 0.00	25.40 -0.23 0.00	27.35 -0.30 0.00	30.74 0.36 0.00	33.02 0.55 0.00	35.39 0.35 0.00	36.13 0.95 0.00	37.87 1.32 0.00	39.26 1.55 0.00	40.84 1.23 0.00	41.25 1.43 0.00	42.99 0.97 0.00	45.58 0.98 0.00	49.61 0.88 0.00	48.72 1.10 0.00	45.10 1.23 0.00	41.50 1.13 0.00	37.88 0.92 0.00	34.04 0.73 0.00	30.59 0.54 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.93 2.14 0.00	28.59 1.72 0.00	28.78 1.81 0.00	26.06 1.61 0.00	26.09 1.55 0.00	27.25 1.61 0.00	29.53 1.88 0.00	32.47 2.10 0.00	34.93 2.47 0.00	37.74 2.70 0.00	37.71 2.53 0.00	39.11 2.56 0.00	40.28 2.56 0.00	42.42 2.81 0.00	42.68 2.87 0.00	45.34 3.32 0.00	48.22 3.61 0.00	52.63 3.90 0.00	51.24 3.62 0.00	47.12 3.25 0.00	43.28 2.91 0.00	39.50 2.55 0.00	35.67 2.36 0.00	31.94 1.89 0.00
PEEKSKILL____ 23653	31.69 1.91 0.00	28.40 1.53 0.00	28.59 1.62 0.00	25.89 1.44 0.00	25.91 1.37 0.00	27.07 1.43 0.00	29.31 1.66 0.00	32.23 1.85 0.00	34.68 2.21 0.00	37.28 2.24 0.00	37.32 2.15 0.00	38.78 2.23 0.00	39.98 2.26 0.00	42.07 2.46 0.00	42.36 2.55 0.00	45.00 2.98 0.00	47.82 3.21 0.00	52.09 3.36 0.00	50.67 3.05 0.00	46.55 2.68 0.00	42.67 2.30 0.00	39.10 2.14 0.00	35.37 2.07 0.00	31.73 1.68 0.00
PGE MADISON__WINDPWR 24146	32.32 2.53 0.00	28.99 2.12 0.00	29.05 2.08 0.00	26.19 1.74 0.00	26.28 1.74 0.00	27.48 1.85 0.00	29.89 2.24 0.00	33.17 2.79 0.00	35.55 3.09 0.00	38.44 3.40 0.00	38.63 3.45 0.00	40.02 3.47 0.00	41.15 3.43 0.00	43.25 3.64 0.00	43.35 3.54 0.00	45.34 3.32 0.00	48.35 3.75 0.00	53.16 4.43 0.00	52.67 5.05 0.00	48.75 4.87 0.00	45.01 4.64 0.00	40.72 3.77 0.00	36.54 3.23 0.00	32.84 2.80 0.00
PIERCEFIELD__HYD 23852	29.28 -0.51 0.00	26.63 -0.24 0.00	26.68 -0.30 0.00	24.20 -0.24 0.00	24.17 -0.37 0.00	25.22 -0.41 0.00	27.10 -0.55 0.00	29.73 -0.64 0.00	31.56 -0.91 0.00	34.16 -0.88 0.00	34.19 -0.98 0.00	35.23 -1.32 0.00	36.40 -1.32 0.00	38.26 -1.35 0.00	38.62 -1.19 0.00	40.68 -1.34 0.00	42.82 -1.78 0.00	46.93 -1.80 0.00	46.10 -1.52 0.00	42.38 -1.49 0.00	39.24 -1.13 0.00	36.03 -0.92 0.00	32.67 -0.63 0.00	29.69 -0.36 0.00
PINELAWN_CC_1 323563	43.57 3.10 -10.68	41.83 2.69 -12.27	37.98 2.72 -8.28	35.30 2.42 -8.43	34.95 2.38 -8.03	36.29 2.49 -8.17	32.84 2.82 -2.36	33.51 3.13 0.00	36.04 3.57 0.00	41.72 3.71 -2.97	47.41 3.55 -8.68	48.29 3.62 -8.12	50.09 3.24 -9.13	57.03 3.37 -14.05	63.47 3.54 -20.12	62.25 4.03 -16.20	67.28 4.19 -18.48	71.94 4.43 -18.77	62.38 4.14 -10.62	58.68 3.86 -10.94	51.87 3.47 -8.02	49.56 3.58 -9.02	44.87 3.57 -7.99	40.22 2.91 -7.26
PJM_GEN_HTP_PROXY 323702	31.96 2.17 0.00	28.59 1.72 0.00	28.78 1.81 0.00	26.04 1.59 0.00	26.06 1.52 0.00	27.22 1.59 0.00	29.50 1.85 0.00	32.53 2.16 0.00	35.03 2.56 0.00	37.60 2.56 0.00	37.60 2.43 0.00	39.11 2.56 0.00	40.24 2.53 0.00	42.34 2.73 0.00	42.72 2.90 0.00	45.38 3.36 0.00	48.21 3.61 0.00	52.48 3.75 0.00	50.95 3.33 0.00	46.82 2.94 0.00	42.87 2.50 0.00	39.28 2.33 0.00	35.67 2.36 0.00	32.00 1.95 0.00
PJM_GEN_KEystone 24065	30.41 0.63 0.00	27.33 0.46 0.00	27.43 0.46 0.00	24.84 0.39 0.00	24.86 0.32 0.00	26.02 0.39 0.00	28.12 0.47 0.00	31.10 0.73 0.00	33.44 0.97 0.00	36.09 1.05 0.00	36.30 1.13 0.00	37.75 1.20 0.00	39.00 1.28 0.00	40.81 1.31 0.10	41.09 1.35 0.08	43.10 1.34 0.26	45.66 1.47 0.41	49.71 1.41 0.44	48.39 1.33 0.56	44.79 1.27 0.36	41.29 1.09 0.17	37.95 1.00 0.00	34.37 1.07 0.00	30.89 0.84 0.00
PJM_GEN_NEPTUNE_PROXY 323594	43.00 2.53 -10.68	41.24 2.10 -12.27	37.41 2.16 -8.27	34.81 1.93 -8.43	34.43 1.86 -8.03	35.75 1.95 -8.17	32.25 2.24 -2.36	32.83 2.46 0.00	35.36 2.89 0.00	40.98 2.98 -2.96	46.60 2.75 -8.68	47.52 2.85 -8.12	49.42 2.79 -8.91	56.67 3.01 -14.05	62.71 3.11 -19.79	61.64 3.53 -16.09	66.92 3.84 -18.48	70.64 4.00 -17.92	60.48 3.67 -9.19	55.34 3.29 -8.18	49.31 2.87 -6.07	48.07 2.73 -8.38	44.10 2.80 -7.99	39.59 2.28 -7.26
PJM_GEN_VFT_PROXY 323633	31.84 2.05 0.00	28.46 1.58 0.00	28.65 1.67 0.00	25.92 1.47 0.00	25.94 1.40 0.00	27.09 1.46 0.00	29.39 1.74 0.00	32.41 2.04 0.00	34.90 2.44 0.00	37.42 2.38 0.00	37.43 2.25 0.00	38.89 2.34 0.00	40.02 2.30 0.00	40.61 2.46 1.46	41.40 2.67 1.08	41.36 3.07 3.73	42.04 3.35 5.91	45.88 3.41 6.26	42.55 3.00 8.07	41.36 2.63 5.15	40.15 2.22 2.44	39.10 2.14 0.00	35.54 2.23 0.00	31.88 1.83 0.00
PLATSBURG_115KV_PMLD1 355749	29.91 0.12 0.00	27.14 0.27 0.00	27.19 0.22 0.00	24.67 0.22 0.00	24.79 0.25 0.00	25.94 0.31 0.00	28.23 0.58 0.00	31.10 0.73 0.00	33.02 0.55 0.00	35.71 0.67 0.00	35.67 0.49 0.00	36.99 0.44 0.00	38.36 0.64 0.00	40.24 0.63 0.00	40.65 0.84 0.00	42.86 0.84 0.00	45.32 0.71 0.00	49.51 0.78 0.00	48.62 1.00 0.00	44.67 0.79 0.00	41.42 1.05 0.00	37.95 1.00 0.00	33.94 0.63 0.00	30.74 0.69 0.00
PLEASANTVLY__LBMP 24000	31.45 1.67 0.00	28.24 1.37 0.00	28.46 1.48 0.00	25.79 1.34 0.00	25.84 1.30 0.00	26.99 1.36 0.00	29.17 1.52 0.00	31.98 1.61 0.00	34.38 1.92 0.00	37.14 2.10 0.00	37.11 1.93 0.00	38.49 1.94 0.00	39.64 1.92 0.00	41.75 2.14 0.00	41.96 2.15 0.00	44.54 2.52 0.00	47.32 2.72 0.00	51.56 2.83 0.00	50.14 2.52 0.00	46.11 2.24 0.00	42.35 1.98 0.00	38.80 1.85 0.00	35.17 1.87 0.00	31.55 1.50 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.81 2.03 0.00	28.51 1.64 0.00	28.70 1.73 0.00	25.99 1.54 0.00	26.04 1.50 0.00	27.19 1.56 0.00	29.42 1.77 0.00	32.38 2.00 0.00	34.84 2.37 0.00	37.63 2.59 0.00	37.57 2.39 0.00	39.00 2.45 0.00	40.17 2.45 0.00	42.30 2.69 0.00	42.60 2.79 0.00	45.21 3.19 0.00	48.08 3.48 0.00	52.39 3.65 0.00	50.91 3.29 0.00	46.77 2.90 0.00	42.83 2.46 0.00	39.24 2.29 0.00	35.57 2.26 0.00	31.88 1.83 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.81 2.03 0.00	28.51 1.64 0.00	28.70 1.73 0.00	25.99 1.54 0.00	26.04 1.50 0.00	27.19 1.56 0.00	29.42 1.77 0.00	32.38 2.00 0.00	34.84 2.37 0.00	37.63 2.59 0.00	37.57 2.39 0.00	39.00 2.45 0.00	40.17 2.45 0.00	42.30 2.69 0.00	42.60 2.79 0.00	45.21 3.19 0.00	48.08 3.48 0.00	52.39 3.65 0.00	50.91 3.29 0.00	46.77 2.90 0.00	42.83 2.46 0.00	39.24 2.29 0.00	35.57 2.26 0.00	31.88 1.83 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.57 1.79 0.00	28.32 1.45 0.00	28.51 1.54 0.00	25.82 1.37 0.00	25.89 1.35 0.00	27.04 1.41 0.00	29.25 1.60 0.00	31.98 1.61 0.00	34.41 1.95 0.00	37.21 2.17 0.00	37.15 1.97 0.00	38.56 2.01 0.00	39.72 2.00 0.00	41.75 2.14 0.00	42.00 2.19 0.00	44.62 2.61 0.00	47.41 2.81 0.00	51.75 3.02 0.00	50.33 2.71 0.00	46.33 2.46 0.00	42.51 2.14 0.00	39.06 2.11 0.00	35.37 2.06 0.00	31.67 1.62 0.00
POLETTI____ 23519	31.96 2.17 0.00	28.62 1.75 0.00	28.81 1.83 0.00	26.06 1.61 0.00	26.06 1.52 0.00	27.22 1.59 0.00	29.48 1.82 0.00	32.50 2.13 0.00	35.00 2.53 0.00	37.81 2.77 0.00	37.71 2.53 0.00	39.07 2.52 0.00	40.21 2.49 0.00	42.34 2.73 0.00	42.68 2.87 0.00	45.30 3.28 0.00	48.17 3.57 0.00	52.39 3.65 0.00	50.86 3.24 0.00	46.73 2.85 0.00	42.79 2.42 0.00	39.24 2.29 0.00	35.74 2.43 0.00	32.06 2.01 0.00
POMONA____ESR 323819	31.63 1.85 0.00	28.32 1.45 0.00	28.51 1.54 0.00	25.82 1.37 0.00	25.87 1.32 0.00	27.01 1.38 0.00	29.25 1.60 0.00	32.13 1.76 0.00	34.58 2.11 0.00	37.18 2.14 0.00	37.25 2.07 0.00	38.74 2.19 0.00	39.90 2.19 0.00	41.99 2.38 0.00	42.32 2.51 0.00	44.92 2.90 0.00	47.72 3.12 0.00	52.00 3.27 0.00	50.57 2.95 0.00	46.46 2.59 0.00	42.59 2.22 0.00	39.06 2.11 0.00	35.34 2.03 0.00	31.70 1.65 0.00
PORT_JEFF_3 23555	43.89 3.36 -10.74	42.08 2.93 -12.28	38.26 2.99 -8.28	35.52 2.64 -8.43	35.17 2.60 -8.03	36.52 2.72 -8.17	33.15 3.12 -2.37	33.83 3.40 -0.06	36.39 3.86 -0.06	42.06 3.99 -3.02	47.67 3.80 -8.69	48.57 3.84 -8.18	53.82 3.66 -12.45	57.48 3.77 -14.10	64.55 3.86 -20.88	64.14 4.29 -17.84	67.70 4.60 -18.50	85.04 4.83 -31.48	83.87 4.47 -31.78	61.81 4.12 -13.82	60.03 3.71 -15.94	52.25 3.66 -11.64	45.03 3.73 -7.99	40.40 3.10 -7.26
PORT_JEFF_4 23616	43.89 3.36 -10.74	42.08 2.93 -12.28	38.26 2.99 -8.28	35.52 2.64 -8.43	35.17 2.60 -8.03	36.52 2.72 -8.17	33.15 3.12 -2.37	33.83 3.40 -0.06	36.39 3.86 -0.06	42.06 3.99 -3.02	47.67 3.80 -8.69	48.57 3.84 -8.18	53.82 3.66 -12.45	57.48 3.77 -14.10	64.55 3.86 -20.88	64.14 4.29 -17.84	67.70 4.60 -18.50	85.04 4.83 -31.48	83.87 4.47 -31.78	61.81 4.12 -13.82	60.03 3.71 -15.94	52.25 3.66 -11.64	45.03 3.73 -7.99	40.40 3.10 -7.26
PORT_JEFF_IC 23713	43.96 3.42 -10.75	42.14 2.98 -12.29	38.31 3.05 -8.29	35.56 2.69 -8.43	35.22 2.65 -8.03	36.57 2.77 -8.17	33.18 3.15 -2.38	33.87 3.43 -0.07	36.46 3.93 -0.07	42.17 4.10 -3.03	47.74 3.87 -8.69	48.69 3.95 -8.19	54.49 3.81 -12.97	57.69 3.96 -14.12	64.80 3.94 -21.05	64.44 4.33 -18.09	67.75 4.64 -18.51	87.12 4.92 -33.47	87.24 4.53 -35.09	61.54 4.21 -13.45	60.94 3.84 -16.73	52.63 3.77 -11.90	45.13 3.83 -7.99	40.46 3.15 -7.26
PPL PILGRIM_ST_GT1 24216	43.87 3.39 -10.69	42.18 3.04 -12.27	38.33 3.07 -8.28	35.61 2.74 -8.43	35.27 2.70 -8.03	36.62 2.82 -8.17	33.22 3.21 -2.37	33.91 3.52 -0.01	36.41 3.93 -0.01	42.11 4.10 -2.98	47.90 4.04 -8.68	48.70 4.02 -8.13	51.30 3.96 -9.63	57.87 4.20 -14.06	66.28 4.42 -22.05	63.21 4.75 -16.44	68.21 5.13 -18.48	74.77 5.36 -20.68	66.36 4.95 -13.79	76.33 4.74 -27.71	62.83 4.24 -18.22	53.18 3.88 -12.35	45.30 3.99 -7.99	40.61 3.31 -7.26
PPL PILGRIM_ST_GT2 24217	43.87 3.39 -10.69	42.18 3.04 -12.27	38.33 3.07 -8.28	35.61 2.74 -8.43	35.27 2.70 -8.03	36.62 2.82 -8.17	33.22 3.21 -2.37	33.91 3.52 -0.01	36.41 3.93 -0.01	42.11 4.10 -2.98	47.90 4.04 -8.68	48.70 4.02 -8.13	51.30 3.96 -9.63	57.87 4.20 -14.06	66.28 4.42 -22.05	63.21 4.75 -16.44	68.21 5.13 -18.48	74.77 5.36 -20.68	66.36 4.95 -13.79	76.33 4.74 -27.71	62.83 4.24 -18.22	53.18 3.88 -12.35	45.30 3.99 -7.99	40.61 3.31 -7.26
PPL_SHRM_GT3 24213	44.07 3.54 -10.74	42.16 3.01 -12.28	38.42 3.15 -8.29	35.59 2.71 -8.43	35.25 2.68 -8.03	36.60 2.79 -8.17	33.37 3.34 -2.37	33.98 3.55 -0.06	36.72 4.19 -0.06	42.30 4.24 -3.02	47.70 3.83 -8.69	48.64 3.91 -8.18	54.08 3.85 -12.51	57.80 4.08 -14.11	64.92 4.18 -20.93	64.72 4.83 -17.87	68.14 5.04 -18.50	85.87 5.41 -31.73	84.86 5.05 -32.19	62.26 4.52 -13.86	60.74 4.28 -16.09	52.45 3.81 -11.69	45.10 3.80 -7.99	40.52 3.22 -7.26
PPL_SHRM_GT4 24214	44.07 3.54 -10.74	42.16 3.01 -12.28	38.42 3.15 -8.29	35.59 2.71 -8.43	35.25 2.68 -8.03	36.60 2.79 -8.17	33.37 3.34 -2.37	33.98 3.55 -0.06	36.72 4.19 -0.06	42.30 4.24 -3.02	47.70 3.83 -8.69	48.64 3.91 -8.18	54.08 3.85 -12.51	57.80 4.08 -14.11	64.92 4.18 -20.93	64.72 4.83 -17.87	68.14 5.04 -18.50	85.87 5.41 -31.73	84.86 5.05 -32.19	62.26 4.52 -13.86	60.74 4.28 -16.09	52.45 3.81 -11.69	45.10 3.80 -7.99	40.52 3.22 -7.26
PROJECT____ORANGE 1 24174	29.58 -0.21 0.00	26.63 -0.24 0.00	26.71 -0.27 0.00	24.16 -0.29 0.00	24.27 -0.27 0.00	25.37 -0.26 0.00	27.37 -0.28 0.00	30.19 -0.18 0.00	32.37 -0.10 0.00	34.93 -0.11 0.00	35.21 0.04 0.00	36.70 0.15 0.00	37.94 0.23 0.00	39.73 0.12 0.00	39.97 0.16 0.00	41.98 -0.04 0.00	44.65 0.04 0.00	48.73 0.00 0.00	47.72 0.10 0.00	44.01 0.13 0.00	40.45 0.08 0.00	36.99 0.04 0.00	33.24 -0.07 0.00	29.93 -0.12 0.00
PROJECT____ORANGE 2 24166	29.58 -0.21 0.00	26.63 -0.24 0.00	26.71 -0.27 0.00	24.16 -0.29 0.00	24.27 -0.27 0.00	25.37 -0.26 0.00	27.37 -0.28 0.00	30.19 -0.18 0.00	32.37 -0.10 0.00	34.93 -0.11 0.00	35.21 0.04 0.00	36.70 0.15 0.00	37.94 0.23 0.00	39.73 0.12 0.00	39.97 0.16 0.00	41.98 -0.04 0.00	44.65 0.04 0.00	48.73 0.00 0.00	47.72 0.10 0.00	44.01 0.13 0.00	40.45 0.08 0.00	36.99 0.04 0.00	33.24 -0.07 0.00	29.93 -0.12 0.00
PUCKETT____SOLAR 323809	30.62 0.83 0.00	27.57 0.70 0.00	27.65 0.67 0.00	25.01 0.56 0.00	25.11 0.56 0.00	26.25 0.61 0.00	28.37 0.72 0.00	31.37 1.00 0.00	33.63 1.17 0.00	36.37 1.33 0.00	36.62 1.44 0.00	38.08 1.53 0.00	39.34 1.62 0.00	41.24 1.62 0.00	41.44 1.63 0.00	43.49 1.47 0.00	46.25 1.65 0.00	50.58 1.85 0.00	49.62 2.00 0.00	45.80 1.93 0.00	42.14 1.77 0.00	38.43 1.48 0.00	34.64 1.33 0.00	31.13 1.08 0.00
PYRITES____HYD 24023	29.79 0.00 0.00	27.06 0.19 0.00	27.11 0.13 0.00	24.57 0.12 0.00	24.57 0.02 0.00	25.63 0.00 0.00	27.57 -0.08 0.00	30.34 -0.03 0.00	32.24 -0.23 0.00	34.90 -0.14 0.00	34.97 -0.21 0.00	36.07 -0.48 0.00	37.23 -0.49 0.00	39.18 -0.44 0.00	39.45 -0.36 0.00	41.47 -0.55 0.00	43.76 -0.85 0.00	47.95 -0.78 0.00	47.19 -0.43 0.00	43.39 -0.48 0.00	40.21 -0.16 0.00	36.81 -0.15 0.00	33.24 -0.07 0.00	30.20 0.15 0.00

QUAKERRD_115KV_BK1 80622	28.98 -0.80 0.00	26.15 -0.73 0.00	26.14 -0.84 0.00	23.59 -0.86 0.00	23.66 -0.88 0.00	24.73 -0.90 0.00	26.74 -0.91 0.00	29.73 -0.64 0.00	31.98 -0.49 0.00	34.34 -0.70 0.00	34.86 -0.32 0.00	36.37 -0.18 0.00	37.68 -0.04 0.00	39.37 -0.24 0.00	39.61 -0.20 0.00	41.39 -0.63 0.00	43.93 -0.67 0.00	47.90 -0.83 0.00	47.00 -0.62 0.00	43.57 -0.31 0.00	40.13 -0.24 0.00	36.62 -0.33 0.00	32.91 -0.40 0.00	29.54 -0.51 0.00
QUENSBRY_115KV_TB8 356137	31.78 2.00 0.00	28.72 1.85 0.00	28.84 1.86 0.00	26.09 1.64 0.00	26.31 1.77 0.00	27.45 1.82 0.00	29.83 2.16 -0.02	32.65 2.28 0.00	35.00 2.53 0.00	37.99 2.80 -0.15	37.85 2.67 0.00	39.33 2.78 0.00	40.06 2.34 0.00	42.19 2.57 0.00	42.12 2.31 0.00	44.50 2.48 0.00	47.19 2.59 0.00	51.65 2.92 0.00	50.62 3.00 0.00	46.82 2.94 0.00	43.72 3.35 0.00	40.09 3.14 0.00	35.97 2.66 0.00	32.09 2.04 0.00
RAMAPO___LBMP 323565	31.51 1.73 0.00	28.24 1.37 0.00	28.43 1.46 0.00	25.74 1.30 0.00	25.79 1.25 0.00	26.94 1.31 0.00	29.14 1.49 0.00	32.04 1.67 0.00	34.45 1.98 0.00	37.25 2.21 0.00	37.18 2.01 0.00	38.60 2.05 0.00	39.75 2.04 0.00	41.87 2.26 0.00	42.16 2.35 0.00	44.75 2.73 0.00	47.55 2.94 0.00	51.80 3.07 0.00	50.33 2.71 0.00	46.29 2.41 0.00	42.43 2.06 0.00	38.91 1.96 0.00	35.27 1.97 0.00	31.61 1.56 0.00
RANKINE____ 23646	29.76 -0.03 0.00	26.82 -0.05 0.00	26.87 -0.11 0.00	24.18 -0.27 0.00	24.25 -0.29 0.00	25.43 -0.21 0.00	27.35 -0.30 0.00	30.71 0.33 0.00	33.02 0.55 0.00	35.36 0.32 0.00	36.09 0.91 0.00	37.79 1.24 0.00	39.23 1.51 0.00	40.84 1.23 0.00	41.21 1.39 0.00	42.90 0.88 0.00	45.50 0.89 0.00	49.51 0.78 0.00	48.62 1.00 0.00	45.06 1.18 0.00	41.50 1.13 0.00	37.88 0.92 0.00	34.04 0.73 0.00	30.59 0.54 0.00
RAVENSWOOD_GT2_1 24244	32.02 2.24 0.00	28.64 1.77 0.00	28.84 1.86 0.00	26.09 1.64 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.53 1.88 0.00	32.56 2.19 0.00	35.07 2.60 0.00	37.63 2.59 0.00	37.64 2.46 0.00	39.11 2.56 0.00	40.28 2.57 0.00	42.38 2.77 0.00	42.76 2.95 0.00	45.38 3.36 0.00	48.26 3.66 0.00	52.48 3.75 0.00	50.95 3.33 0.00	46.82 2.94 0.00	42.92 2.54 0.00	39.35 2.40 0.00	35.74 2.43 0.00	32.06 2.01 0.00
RAVENSWOOD_GT2_2 24245	32.02 2.24 0.00	28.64 1.77 0.00	28.84 1.86 0.00	26.09 1.64 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.53 1.88 0.00	32.56 2.19 0.00	35.07 2.60 0.00	37.63 2.59 0.00	37.64 2.46 0.00	39.11 2.56 0.00	40.28 2.57 0.00	42.38 2.77 0.00	42.76 2.95 0.00	45.38 3.36 0.00	48.26 3.66 0.00	52.48 3.75 0.00	50.95 3.33 0.00	46.82 2.94 0.00	42.92 2.54 0.00	39.35 2.40 0.00	35.74 2.43 0.00	32.06 2.01 0.00
RAVENSWOOD_GT2_3 24246	32.02 2.24 0.00	28.67 1.80 0.00	28.86 1.89 0.00	26.11 1.66 0.00	26.14 1.59 0.00	27.27 1.64 0.00	29.56 1.91 0.00	32.56 2.19 0.00	35.07 2.60 0.00	37.67 2.63 0.00	37.67 2.50 0.00	39.15 2.60 0.00	40.32 2.60 0.00	42.38 2.77 0.00	42.80 2.99 0.00	45.42 3.40 0.00	48.26 3.66 0.00	52.53 3.80 0.00	51.00 3.38 0.00	46.86 2.99 0.00	42.92 2.54 0.00	39.39 2.44 0.00	35.74 2.43 0.00	32.06 2.01 0.00
RAVENSWOOD_GT2_4 24247	32.02 2.24 0.00	28.67 1.80 0.00	28.86 1.89 0.00	26.11 1.66 0.00	26.14 1.59 0.00	27.27 1.64 0.00	29.56 1.91 0.00	32.56 2.19 0.00	35.07 2.60 0.00	37.67 2.63 0.00	37.67 2.50 0.00	39.15 2.60 0.00	40.32 2.60 0.00	42.38 2.77 0.00	42.80 2.99 0.00	45.42 3.40 0.00	48.26 3.66 0.00	52.53 3.80 0.00	51.00 3.38 0.00	46.86 2.99 0.00	42.92 2.54 0.00	39.39 2.44 0.00	35.74 2.43 0.00	32.06 2.01 0.00
RAVENSWOOD_GT3_1 24248	32.02 2.24 0.00	28.64 1.77 0.00	28.84 1.86 0.00	26.09 1.64 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.53 1.88 0.00	32.56 2.19 0.00	35.07 2.60 0.00	37.63 2.59 0.00	37.64 2.46 0.00	39.15 2.60 0.00	40.28 2.57 0.00	42.38 2.77 0.00	42.76 2.95 0.00	45.38 3.36 0.00	48.26 3.66 0.00	52.48 3.75 0.00	50.95 3.33 0.00	46.86 2.99 0.00	42.92 2.54 0.00	39.35 2.40 0.00	35.74 2.43 0.00	32.06 2.01 0.00
RAVENSWOOD_GT3_2 24249	32.02 2.24 0.00	28.64 1.77 0.00	28.84 1.86 0.00	26.09 1.64 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.53 1.88 0.00	32.56 2.19 0.00	35.07 2.60 0.00	37.63 2.59 0.00	37.64 2.46 0.00	39.15 2.60 0.00	40.28 2.57 0.00	42.38 2.77 0.00	42.76 2.95 0.00	45.38 3.36 0.00	48.26 3.66 0.00	52.48 3.75 0.00	50.95 3.33 0.00	46.86 2.99 0.00	42.92 2.54 0.00	39.35 2.40 0.00	35.74 2.43 0.00	32.06 2.01 0.00
RAVENSWOOD_GT3_3 24250	32.08 2.29 0.00	28.70 1.83 0.00	28.92 1.94 0.00	26.14 1.69 0.00	26.16 1.62 0.00	27.30 1.67 0.00	29.59 1.94 0.00	32.62 2.25 0.00	35.13 2.66 0.00	37.95 2.91 0.00	37.82 2.64 0.00	39.22 2.67 0.00	40.36 2.64 0.00	42.50 2.89 0.00	42.84 3.03 0.00	45.51 3.49 0.00	48.35 3.75 0.00	52.63 3.90 0.00	51.10 3.48 0.00	46.95 3.07 0.00	42.99 2.62 0.00	39.43 2.48 0.00	35.87 2.56 0.00	32.15 2.10 0.00
RAVENSWOOD_GT3_4 24251	32.08 2.29 0.00	28.70 1.83 0.00	28.89 1.92 0.00	26.13 1.69 0.00	26.16 1.62 0.00	27.30 1.67 0.00	29.59 1.93 0.00	32.62 2.25 0.00	35.13 2.66 0.00	37.70 2.66 0.00	37.71 2.53 0.00	39.22 2.67 0.00	40.36 2.64 0.00	42.46 2.85 0.00	42.84 3.02 0.00	45.51 3.49 0.00	48.35 3.75 0.00	52.63 3.90 0.00	51.09 3.47 0.00	46.95 3.07 0.00	42.99 2.62 0.00	39.43 2.48 0.00	35.81 2.50 0.00	32.12 2.07 0.00
RAVENSWOOD_GT_1 23729	32.17 2.38 0.00	28.75 1.88 0.00	28.94 1.97 0.00	26.16 1.71 0.00	26.16 1.62 0.00	27.30 1.67 0.00	29.56 1.91 0.00	32.59 2.22 0.00	35.13 2.66 0.00	37.67 2.63 0.00	37.67 2.50 0.00	39.15 2.60 0.00	40.32 2.60 0.00	42.38 2.77 0.00	42.80 2.99 0.00	45.42 3.40 0.00	48.26 3.66 0.00	52.49 3.75 -0.01	50.90 3.28 0.00	46.77 2.90 0.00	42.87 2.50 0.00	39.44 2.48 -0.01	35.87 2.56 0.00	32.18 2.13 0.00
RAVENSWOOD_GT_10 24258	32.02 2.23 0.00	28.64 1.77 0.00	28.86 1.89 0.00	26.11 1.66 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.53 1.88 0.00	32.56 2.19 0.00	35.06 2.60 0.00	37.88 2.84 0.00	37.78 2.60 0.00	39.15 2.60 0.00	40.28 2.56 0.00	42.42 2.81 0.00	42.76 2.95 0.00	45.38 3.36 0.00	48.26 3.66 0.00	52.53 3.80 0.00	51.00 3.38 0.00	46.86 2.98 0.00	42.91 2.54 0.00	39.35 2.40 0.00	35.80 2.50 0.00	32.09 2.04 0.00
RAVENSWOOD_GT_11 24259	32.02 2.24 0.00	28.64 1.77 0.00	28.84 1.86 0.00	26.09 1.64 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.53 1.88 0.00	32.56 2.19 0.00	35.07 2.60 0.00	37.63 2.59 0.00	37.64 2.46 0.00	39.15 2.60 0.00	40.28 2.57 0.00	42.38 2.77 0.00	42.76 2.95 0.00	45.42 3.40 0.00	48.26 3.66 0.00	52.53 3.80 0.00	51.00 3.38 0.00	46.86 2.99 0.00	42.92 2.54 0.00	39.35 2.40 0.00	35.74 2.43 0.00	32.06 2.01 0.00



RAVENSWOOD_GT_4 24252	31.99 2.20 0.00	28.64 1.77 0.00	28.86 1.89 0.00	26.11 1.66 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.56 1.91 0.00	32.56 2.19 0.00	35.06 2.60 0.00	37.88 2.84 0.00	37.78 2.60 0.00	39.15 2.60 0.00	40.32 2.60 0.00	42.46 2.85 0.00	42.76 2.95 0.00	45.42 3.40 0.00	48.31 3.70 0.00	52.54 3.80 -0.01	51.05 3.43 0.00	46.90 3.03 0.00	42.91 2.54 0.00	39.36 2.40 -0.01	35.81 2.50 0.00	32.09 2.04 0.00
RAVENSWOOD_GT_5 24254	31.99 2.20 0.00	28.64 1.77 0.00	28.86 1.89 0.00	26.11 1.66 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.56 1.91 0.00	32.56 2.19 0.00	35.06 2.60 0.00	37.88 2.84 0.00	37.78 2.60 0.00	39.15 2.60 0.00	40.32 2.60 0.00	42.46 2.85 0.00	42.76 2.95 0.00	45.42 3.40 0.00	48.31 3.70 0.00	52.54 3.80 -0.01	51.05 3.43 0.00	46.90 3.03 0.00	42.91 2.54 0.00	39.36 2.40 -0.01	35.81 2.50 0.00	32.09 2.04 0.00
RAVENSWOOD_GT_6 24253	31.99 2.20 0.00	28.64 1.77 0.00	28.86 1.89 0.00	26.11 1.66 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.56 1.91 0.00	32.56 2.19 0.00	35.06 2.60 0.00	37.88 2.84 0.00	37.78 2.60 0.00	39.15 2.60 0.00	40.32 2.60 0.00	42.46 2.85 0.00	42.76 2.95 0.00	45.42 3.40 0.00	48.31 3.70 0.00	52.54 3.80 -0.01	51.05 3.43 0.00	46.90 3.03 0.00	42.91 2.54 0.00	39.36 2.40 -0.01	35.81 2.50 0.00	32.09 2.04 0.00
RAVENSWOOD_GT_7 24255	31.99 2.20 0.00	28.64 1.77 0.00	28.86 1.89 0.00	26.11 1.66 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.56 1.91 0.00	32.56 2.19 0.00	35.06 2.60 0.00	37.88 2.84 0.00	37.78 2.60 0.00	39.15 2.60 0.00	40.32 2.60 0.00	42.46 2.85 0.00	42.76 2.95 0.00	45.42 3.40 0.00	48.31 3.70 0.00	52.54 3.80 -0.01	51.05 3.43 0.00	46.90 3.03 0.00	42.91 2.54 0.00	39.36 2.40 -0.01	35.81 2.50 0.00	32.09 2.04 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.02 2.23 0.00	28.64 1.77 0.00	28.86 1.89 0.00	26.11 1.66 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.53 1.88 0.00	32.56 2.19 0.00	35.06 2.60 0.00	37.88 2.84 0.00	37.78 2.60 0.00	39.15 2.60 0.00	40.28 2.56 0.00	42.42 2.81 0.00	42.76 2.95 0.00	45.38 3.36 0.00	48.26 3.66 0.00	52.53 3.80 0.00	51.00 3.38 0.00	46.86 2.98 0.00	42.91 2.54 0.00	39.35 2.40 0.00	35.80 2.50 0.00	32.09 2.04 0.00
RAVENSWOOD_GT_9 24257	32.02 2.24 0.00	28.64 1.77 0.00	28.84 1.86 0.00	26.09 1.64 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.53 1.88 0.00	32.56 2.19 0.00	35.07 2.60 0.00	37.63 2.59 0.00	37.64 2.46 0.00	39.15 2.60 0.00	40.28 2.57 0.00	42.38 2.77 0.00	42.76 2.95 0.00	45.42 3.40 0.00	48.26 3.66 0.00	52.53 3.80 0.00	51.00 3.38 0.00	46.86 2.99 0.00	42.92 2.54 0.00	39.35 2.40 0.00	35.74 2.43 0.00	32.06 2.01 0.00
RAVENSWOOD___1 23533	32.14 2.35 0.00	28.72 1.85 0.00	28.92 1.94 0.00	26.13 1.69 0.00	26.14 1.59 0.00	27.27 1.64 0.00	29.56 1.91 0.00	32.56 2.19 0.00	35.10 2.63 0.00	37.63 2.59 0.00	37.64 2.46 0.00	39.15 2.60 0.00	40.28 2.57 0.00	42.34 2.73 0.00	42.76 2.95 0.00	45.42 3.40 0.00	48.21 3.61 0.00	52.43 3.70 0.00	50.86 3.24 0.00	46.73 2.85 0.00	42.83 2.46 0.00	39.39 2.44 0.00	35.84 2.53 0.00	32.15 2.10 0.00
RAVENSWOOD___2 23534	32.05 2.26 0.00	28.67 1.80 0.00	28.86 1.89 0.00	26.09 1.64 0.00	26.09 1.55 0.00	27.22 1.59 0.00	29.48 1.82 0.00	32.50 2.13 0.00	35.03 2.56 0.00	37.56 2.52 0.00	37.57 2.39 0.00	39.04 2.49 0.00	40.21 2.49 0.00	42.18 2.57 0.00	42.68 2.87 0.00	45.13 3.11 0.00	47.82 3.21 0.00	52.00 3.27 0.00	50.43 2.81 0.00	46.42 2.54 0.00	42.71 2.34 0.00	39.32 2.37 0.00	35.74 2.43 0.00	32.09 2.04 0.00
RAVENSWOOD___3 23535	32.02 2.24 0.00	28.67 1.80 0.00	28.86 1.89 0.00	26.09 1.64 0.00	26.11 1.57 0.00	27.27 1.64 0.00	29.53 1.88 0.00	32.56 2.19 0.00	35.07 2.60 0.00	37.63 2.59 0.00	37.64 2.46 0.00	39.15 2.60 0.00	40.28 2.57 0.00	42.38 2.77 0.00	42.76 2.95 0.00	45.42 3.40 0.00	48.26 3.66 0.00	52.48 3.75 0.00	51.00 3.38 0.00	46.86 2.99 0.00	42.92 2.54 0.00	39.35 2.40 0.00	35.74 2.43 0.00	32.06 2.01 0.00
RAVENSWOOD___4 23820	32.11 2.32 0.00	28.70 1.83 0.00	28.89 1.92 0.00	26.13 1.69 0.00	26.14 1.59 0.00	27.25 1.62 0.00	29.53 1.88 0.00	32.56 2.19 0.00	35.07 2.60 0.00	37.60 2.56 0.00	37.60 2.43 0.00	39.11 2.56 0.00	40.24 2.53 0.00	42.31 2.69 0.00	42.76 2.95 0.00	45.38 3.36 0.00	48.17 3.57 0.00	52.38 3.66 0.01	50.81 3.19 0.00	46.73 2.85 0.00	42.79 2.42 0.00	39.35 2.40 0.01	35.80 2.50 0.00	32.12 2.07 0.00
RCPI_TRUST___DRP 24196	32.02 2.23 0.00	28.64 1.77 0.00	28.86 1.89 0.00	26.11 1.66 0.00	26.11 1.57 0.00	27.30 1.67 0.00	29.56 1.91 0.00	32.59 2.22 0.00	35.10 2.63 0.00	37.95 2.91 0.00	37.82 2.64 0.00	39.22 2.67 0.00	40.36 2.64 0.00	42.54 2.93 0.00	42.84 3.03 0.00	45.51 3.49 0.00	48.35 3.75 0.00	52.58 3.85 0.00	51.10 3.48 0.00	46.90 3.03 0.00	42.95 2.58 0.00	39.35 2.40 0.00	35.84 2.53 0.00	32.09 2.04 0.00
RED___ROCHESTER 323720	29.94 0.15 0.00	27.03 0.16 0.00	27.03 0.05 0.00	24.38 -0.07 0.00	24.42 -0.12 0.00	25.55 -0.08 0.00	27.54 -0.11 0.00	30.74 0.37 0.00	33.08 0.62 0.00	36.02 0.98 0.00	36.37 1.20 0.00	37.79 1.24 0.00	39.11 1.40 0.00	41.00 1.39 0.00	41.12 1.31 0.00	42.86 0.84 0.00	45.49 0.89 0.00	49.61 0.88 0.00	48.72 1.10 0.00	45.19 1.32 0.00	41.62 1.25 0.00	37.99 1.03 0.00	34.37 1.07 0.00	30.80 0.75 0.00
REGAN___SOLAR 323812	33.60 3.81 0.00	29.91 3.04 0.00	30.00 3.02 0.00	27.09 2.64 0.00	27.34 2.80 0.00	28.55 2.92 0.00	31.63 3.98 0.00	34.68 4.31 0.00	36.79 4.32 0.00	39.28 4.24 0.00	39.43 4.25 0.00	40.90 4.35 0.00	42.02 4.30 0.00	44.09 4.47 0.00	44.07 4.26 0.00	46.52 4.50 0.00	49.82 5.22 0.00	55.06 6.33 0.00	54.05 6.43 0.00	50.33 6.45 0.00	46.87 6.50 0.00	42.83 5.88 0.00	38.03 4.73 0.00	33.78 3.73 0.00
RENSSELAER___COGEN 23796	30.62 0.83 0.00	27.60 0.73 0.00	27.76 0.78 0.00	25.18 0.73 0.00	25.30 0.76 0.00	26.40 0.77 0.00	28.50 0.88 0.03	31.10 0.73 0.00	33.41 0.94 0.00	35.74 0.91 0.21	36.06 0.88 0.00	37.46 0.91 0.00	38.62 0.90 0.00	40.60 0.99 0.00	40.69 0.87 0.00	43.15 1.13 0.00	45.81 1.20 0.00	50.00 1.26 0.00	48.67 1.05 0.00	44.84 0.96 0.00	41.34 0.97 0.00	37.95 1.00 0.00	34.17 0.86 0.00	30.65 0.60 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.72 3.93 0.00	30.34 3.47 0.00	30.43 3.45 0.00	27.46 3.01 0.00	27.78 3.24 0.00	28.99 3.36 0.00	31.90 4.23 -0.02	35.11 4.74 0.00	37.60 5.13 0.00	40.80 5.61 -0.15	40.84 5.66 0.00	42.40 5.85 0.00	43.07 5.36 0.00	45.35 5.74 0.00	45.19 5.37 0.00	47.57 5.55 0.00	50.45 5.84 0.00	55.36 6.63 0.00	54.14 6.52 0.00	50.24 6.36 0.00	47.11 6.74 0.00	43.27 6.32 0.00	38.63 5.33 0.00	34.26 4.21 0.00

REVERE_CPDR_DRP 24186	30.80 1.01 0.00	27.62 0.75 0.00	27.70 0.73 0.00	25.04 0.59 0.00	25.13 0.59 0.00	26.25 0.62 0.00	28.51 0.86 0.00	31.53 1.15 0.00	33.83 1.36 0.00	36.55 1.51 0.00	36.79 1.62 0.00	38.23 1.68 0.00	39.41 1.70 0.00	41.43 1.82 0.00	41.44 1.63 0.00	43.49 1.47 0.00	46.25 1.65 0.00	50.73 2.00 0.00	49.86 2.24 0.00	45.98 2.11 0.00	42.39 2.02 0.00	38.54 1.59 0.00	34.64 1.33 0.00	31.19 1.14 0.00
REYNOLDS_115KV_TB3 80639	30.86 1.07 0.00	27.81 0.94 0.00	27.97 1.00 0.00	25.38 0.93 0.00	25.50 0.96 0.00	26.61 0.97 0.00	28.69 1.08 0.04	31.31 0.94 0.00	33.64 1.17 0.00	36.03 1.26 0.28	36.34 1.16 0.00	37.76 1.21 0.00	38.89 1.17 0.00	40.92 1.31 0.00	40.93 1.11 0.00	43.45 1.43 0.00	46.08 1.47 0.00	50.29 1.56 0.00	49.00 1.38 0.00	45.10 1.23 0.00	41.58 1.21 0.00	38.21 1.26 0.00	34.51 1.20 0.00	30.95 0.90 0.00
RIVERBAY____ 323610	32.71 2.92 -0.01	29.06 2.18 -0.01	29.30 2.32 -0.01	26.44 1.98 -0.01	26.44 1.89 -0.01	27.58 1.95 0.00	29.97 2.32 0.00	32.92 2.55 0.00	35.49 3.02 0.00	38.33 3.29 0.00	38.13 2.95 0.00	39.58 3.03 0.00	40.73 3.02 0.00	42.98 3.37 0.00	43.36 3.54 0.00	46.10 4.08 0.00	48.98 4.37 -0.01	53.32 4.58 -0.01	51.72 4.10 0.00	47.48 3.60 -0.01	43.40 3.03 0.00	39.95 2.99 0.00	36.54 3.23 0.00	32.76 2.70 -0.01
RIVERSDE_115KV_TB3 55908	30.77 0.98 0.00	27.73 0.86 0.00	27.89 0.92 0.00	25.30 0.86 0.00	25.42 0.88 0.00	26.55 0.92 0.00	28.64 1.02 0.04	31.25 0.88 0.00	33.57 1.10 0.00	36.04 1.23 0.23	36.30 1.13 0.00	37.72 1.17 0.00	38.85 1.13 0.00	40.88 1.27 0.00	40.93 1.11 0.00	43.41 1.39 0.00	46.03 1.43 0.00	50.24 1.51 0.00	48.95 1.33 0.00	45.06 1.18 0.00	41.54 1.17 0.00	38.17 1.22 0.00	34.47 1.17 0.00	30.89 0.84 0.00
ROARING__BROOK_WT_PWR 323790	29.58 -0.21 0.00	26.74 -0.13 0.00	26.84 -0.13 0.00	24.33 -0.12 0.00	24.42 -0.12 0.00	25.63 0.00 0.00	27.65 0.00 0.00	30.40 0.03 0.00	32.53 0.07 0.00	35.11 0.07 0.00	35.25 0.07 0.00	36.62 0.07 0.00	37.75 0.04 0.00	39.61 0.00 0.00	39.77 -0.04 0.00	41.94 -0.08 0.00	44.51 -0.09 0.00	48.63 -0.10 0.00	47.52 -0.10 0.00	43.74 -0.13 0.00	40.21 -0.16 0.00	36.70 -0.26 0.00	33.01 -0.30 0.00	29.69 -0.36 0.00
ROCHESRG_115KV_T4 355643	29.58 -0.21 0.00	26.68 -0.19 0.00	26.71 -0.27 0.00	24.08 -0.37 0.00	24.15 -0.39 0.00	25.27 -0.36 0.00	27.24 -0.41 0.00	30.37 0.00 0.00	32.66 0.19 0.00	35.04 0.00 0.00	35.63 0.46 0.00	37.17 0.62 0.00	38.55 0.83 0.00	40.24 0.63 0.00	40.53 0.72 0.00	42.31 0.29 0.00	44.87 0.27 0.00	48.93 0.19 0.00	48.05 0.43 0.00	44.53 0.66 0.00	41.02 0.65 0.00	37.43 0.48 0.00	33.64 0.33 0.00	30.20 0.15 0.00
ROCHESTER_9_IC 23652	29.79 0.00 0.00	26.87 0.00 0.00	26.87 -0.11 0.00	24.23 -0.22 0.00	24.30 -0.25 0.00	25.43 -0.21 0.00	27.40 -0.25 0.00	30.55 0.18 0.00	32.89 0.42 0.00	35.29 0.25 0.00	35.92 0.74 0.00	37.50 0.95 0.00	38.89 1.17 0.00	40.60 0.99 0.00	40.85 1.04 0.00	42.61 0.59 0.00	45.18 0.58 0.00	49.27 0.54 0.00	48.38 0.76 0.00	44.88 1.01 0.00	41.34 0.97 0.00	37.73 0.78 0.00	33.91 0.60 0.00	30.44 0.39 0.00
ROCKVIEW_13_KV_LD 356306	31.99 2.20 0.00	28.64 1.77 0.00	28.84 1.86 0.00	26.11 1.66 0.00	26.14 1.60 0.00	27.32 1.69 0.00	29.56 1.91 0.00	32.56 2.19 0.00	35.06 2.60 0.00	37.88 2.84 0.00	37.82 2.64 0.00	39.25 2.70 0.00	40.43 2.72 0.00	42.58 2.97 0.00	42.92 3.11 0.00	45.55 3.53 0.00	48.44 3.84 0.00	52.73 4.00 0.00	51.29 3.67 0.00	47.08 3.20 0.00	43.12 2.75 0.00	39.47 2.51 0.00	35.80 2.50 0.00	32.06 2.01 0.00
ROME____115KV_TB2 80656	30.80 1.01 0.00	27.62 0.75 0.00	27.70 0.73 0.00	25.04 0.59 0.00	25.13 0.59 0.00	26.25 0.62 0.00	28.51 0.86 0.00	31.53 1.15 0.00	33.83 1.36 0.00	36.55 1.51 0.00	36.79 1.62 0.00	38.23 1.68 0.00	39.41 1.70 0.00	41.43 1.82 0.00	41.44 1.63 0.00	43.49 1.47 0.00	46.25 1.65 0.00	50.73 2.00 0.00	49.86 2.24 0.00	45.98 2.11 0.00	42.39 2.02 0.00	38.54 1.59 0.00	34.64 1.33 0.00	31.19 1.14 0.00
ROSETON__1 23587	31.42 1.64 0.00	28.19 1.32 0.00	28.38 1.40 0.00	25.72 1.27 0.00	25.79 1.25 0.00	26.91 1.28 0.00	29.12 1.46 0.00	31.92 1.55 0.00	34.35 1.88 0.00	36.93 1.89 0.00	36.97 1.79 0.00	38.45 1.90 0.00	39.60 1.89 0.00	41.67 2.06 0.00	41.92 2.11 0.00	44.54 2.52 0.00	47.28 2.68 0.00	51.56 2.83 0.00	50.14 2.52 0.00	46.11 2.24 0.00	42.31 1.94 0.00	38.80 1.85 0.00	35.07 1.76 0.00	31.49 1.44 0.00
ROSETON__2 23588	31.42 1.64 0.00	28.19 1.32 0.00	28.38 1.40 0.00	25.72 1.27 0.00	25.79 1.25 0.00	26.91 1.28 0.00	29.12 1.46 0.00	31.92 1.55 0.00	34.35 1.88 0.00	36.93 1.89 0.00	36.97 1.79 0.00	38.45 1.90 0.00	39.60 1.89 0.00	41.67 2.06 0.00	41.92 2.11 0.00	44.54 2.52 0.00	47.28 2.68 0.00	51.56 2.83 0.00	50.14 2.52 0.00	46.11 2.24 0.00	42.31 1.94 0.00	38.80 1.85 0.00	35.07 1.76 0.00	31.49 1.44 0.00
ROTTTRDAM_115KV_TB3 80664	31.13 1.34 0.00	28.03 1.16 0.00	28.19 1.21 0.00	25.55 1.10 0.00	25.69 1.15 0.00	26.81 1.18 0.00	29.01 1.35 0.00	31.74 1.37 0.00	34.03 1.56 0.00	36.74 1.68 -0.01	36.79 1.62 0.00	38.23 1.68 0.00	39.34 1.62 0.00	41.35 1.74 0.00	41.44 1.63 0.00	43.91 1.89 0.00	46.61 2.01 0.00	50.92 2.19 0.00	49.67 2.05 0.00	45.76 1.89 0.00	42.23 1.86 0.00	38.73 1.77 0.00	34.94 1.63 0.00	31.34 1.29 0.00
RUSSELL__1 23602	29.94 0.15 0.00	27.03 0.16 0.00	27.00 0.03 0.00	24.35 -0.10 0.00	24.42 -0.12 0.00	25.53 -0.10 0.00	27.54 -0.11 0.00	30.71 0.33 0.00	33.08 0.62 0.00	35.50 0.46 0.00	36.13 0.95 0.00	37.72 1.17 0.00	39.11 1.40 0.00	40.84 1.23 0.00	41.13 1.31 0.00	42.90 0.88 0.00	45.50 0.89 0.00	49.61 0.88 0.00	48.72 1.10 0.00	45.19 1.32 0.00	41.62 1.25 0.00	37.99 1.03 0.00	34.11 0.80 0.00	30.59 0.54 0.00
RUSSELL__2 23532	29.94 0.15 0.00	27.03 0.16 0.00	27.00 0.03 0.00	24.35 -0.10 0.00	24.42 -0.12 0.00	25.53 -0.10 0.00	27.54 -0.11 0.00	30.71 0.33 0.00	33.08 0.62 0.00	35.50 0.46 0.00	36.13 0.95 0.00	37.72 1.17 0.00	39.11 1.40 0.00	40.84 1.23 0.00	41.13 1.31 0.00	42.90 0.88 0.00	45.50 0.89 0.00	49.61 0.88 0.00	48.72 1.10 0.00	45.19 1.32 0.00	41.62 1.25 0.00	37.99 1.03 0.00	34.11 0.80 0.00	30.59 0.54 0.00
RUSSELL__3 23549	29.94 0.15 0.00	27.03 0.16 0.00	27.00 0.03 0.00	24.35 -0.10 0.00	24.42 -0.12 0.00	25.53 -0.10 0.00	27.54 -0.11 0.00	30.71 0.33 0.00	33.08 0.62 0.00	35.50 0.46 0.00	36.13 0.95 0.00	37.72 1.17 0.00	39.11 1.40 0.00	40.84 1.23 0.00	41.13 1.31 0.00	42.90 0.88 0.00	45.50 0.89 0.00	49.61 0.88 0.00	48.72 1.10 0.00	45.19 1.32 0.00	41.62 1.25 0.00	37.99 1.03 0.00	34.11 0.80 0.00	30.59 0.54 0.00

RUSSELL___4 23556	29.94 0.15 0.00	27.03 0.16 0.00	27.00 0.03 0.00	24.35 -0.10 0.00	24.42 -0.12 0.00	25.53 -0.10 0.00	27.54 -0.11 0.00	30.71 0.33 0.00	33.08 0.62 0.00	35.50 0.46 0.00	36.13 0.95 0.00	37.72 1.17 0.00	39.11 1.40 0.00	40.84 1.23 0.00	41.13 1.31 0.00	42.90 0.88 0.00	45.50 0.89 0.00	49.61 0.88 0.00	48.72 1.10 0.00	45.19 1.32 0.00	41.62 1.25 0.00	37.99 1.03 0.00	34.11 0.80 0.00	30.59 0.54 0.00
RUSSELL___STATION 23914	29.94 0.15 0.00	27.03 0.16 0.00	27.00 0.03 0.00	24.35 -0.10 0.00	24.42 -0.12 0.00	25.53 -0.10 0.00	27.54 -0.11 0.00	30.71 0.33 0.00	33.08 0.62 0.00	35.50 0.46 0.00	36.13 0.95 0.00	37.72 1.17 0.00	39.11 1.40 0.00	40.84 1.23 0.00	41.13 1.31 0.00	42.90 0.88 0.00	45.50 0.89 0.00	49.61 0.88 0.00	48.72 1.10 0.00	45.19 1.32 0.00	41.62 1.25 0.00	37.99 1.03 0.00	34.11 0.80 0.00	30.59 0.54 0.00
S SALMON___HYD 24043	29.55 -0.24 0.00	26.63 -0.24 0.00	26.71 -0.27 0.00	24.16 -0.29 0.00	24.25 -0.29 0.00	25.32 -0.31 0.00	27.35 -0.30 0.00	30.13 -0.24 0.00	32.17 -0.29 0.00	34.83 -0.21 0.00	35.00 -0.18 0.00	36.33 -0.22 0.00	37.49 -0.22 0.00	39.29 -0.32 0.00	39.49 -0.32 0.00	41.43 -0.59 0.00	44.07 -0.53 0.00	48.29 -0.44 0.00	47.43 -0.19 0.00	43.83 -0.04 0.00	40.37 0.00 0.00	36.92 -0.04 0.00	33.24 -0.07 0.00	29.99 -0.06 0.00
S.PERRY___115KV_TB1 80734	30.83 1.04 0.00	27.78 0.91 0.00	27.79 0.81 0.00	25.01 0.56 0.00	25.13 0.59 0.00	26.27 0.64 0.00	28.42 0.77 0.00	31.59 1.21 0.00	33.70 1.23 0.00	34.86 -0.18 0.00	35.18 0.00 0.00	36.66 0.11 0.00	38.06 0.34 0.00	39.65 0.04 0.00	40.17 0.36 0.00	41.94 -0.08 0.00	44.65 0.04 0.00	48.93 0.19 0.00	48.67 1.05 0.00	45.32 1.45 0.00	41.90 1.53 0.00	38.21 1.26 0.00	35.30 2.00 0.00	31.64 1.59 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.46 -0.33 0.00	26.58 -0.30 0.00	26.60 -0.38 0.00	23.96 -0.49 0.00	24.00 -0.54 0.00	25.20 -0.44 0.00	27.07 -0.58 0.00	30.37 0.00 0.00	32.63 0.16 0.00	34.90 -0.14 0.00	35.67 0.49 0.00	37.35 0.80 0.00	38.81 1.09 0.00	40.36 0.75 0.00	40.73 0.92 0.00	42.36 0.34 0.00	44.92 0.31 0.00	48.88 0.15 0.00	48.05 0.43 0.00	44.58 0.70 0.00	41.06 0.69 0.00	37.47 0.52 0.00	33.71 0.40 0.00	30.29 0.24 0.00
SAWYER___23_KV_LOAD 55526	29.46 -0.33 0.00	26.58 -0.30 0.00	26.60 -0.38 0.00	23.96 -0.49 0.00	24.00 -0.54 0.00	25.20 -0.44 0.00	27.07 -0.58 0.00	30.37 0.00 0.00	32.63 0.16 0.00	34.90 -0.14 0.00	35.67 0.49 0.00	37.35 0.80 0.00	38.81 1.09 0.00	40.36 0.75 0.00	40.73 0.92 0.00	42.36 0.34 0.00	44.92 0.31 0.00	48.88 0.15 0.00	48.05 0.43 0.00	44.58 0.70 0.00	41.06 0.69 0.00	37.47 0.52 0.00	33.71 0.40 0.00	30.29 0.24 0.00
SELKIRK___I 23801	30.98 1.19 0.00	27.95 1.08 0.00	28.08 1.11 0.00	25.48 1.03 0.00	25.62 1.08 0.00	26.71 1.08 0.00	28.85 1.22 0.02	31.50 1.12 0.00	33.77 1.30 0.00	36.25 1.33 0.12	36.44 1.26 0.00	37.90 1.35 0.00	39.07 1.36 0.00	41.03 1.42 0.00	41.12 1.31 0.00	43.58 1.56 0.00	46.25 1.65 0.00	50.48 1.75 0.00	49.19 1.57 0.00	45.32 1.45 0.00	41.82 1.45 0.00	38.39 1.44 0.00	34.57 1.27 0.00	31.01 0.96 0.00
SELKIRK___II 23799	30.74 0.95 0.00	27.70 0.83 0.00	27.84 0.86 0.00	25.28 0.83 0.00	25.38 0.83 0.00	26.50 0.87 0.00	28.60 0.97 0.02	31.22 0.85 0.00	33.51 1.04 0.00	35.95 1.05 0.14	36.16 0.98 0.00	37.61 1.06 0.00	38.77 1.05 0.00	40.72 1.11 0.00	40.85 1.03 0.00	43.32 1.30 0.00	45.99 1.38 0.00	50.19 1.46 0.00	48.91 1.29 0.00	45.01 1.14 0.00	41.46 1.09 0.00	38.10 1.15 0.00	34.30 1.00 0.00	30.80 0.75 0.00
SENECA OSWGO___HYD 24041	29.28 -0.51 0.00	26.39 -0.48 0.00	26.46 -0.51 0.00	23.96 -0.49 0.00	24.07 -0.47 0.00	25.14 -0.49 0.00	27.15 -0.50 0.00	29.95 -0.43 0.00	32.08 -0.39 0.00	34.69 -0.35 0.00	34.89 -0.28 0.00	36.30 -0.25 0.00	37.49 -0.22 0.00	39.34 -0.28 0.00	39.45 -0.36 0.00	41.47 -0.55 0.00	44.11 -0.49 0.00	48.20 -0.53 0.00	47.19 -0.43 0.00	43.57 -0.30 0.00	40.05 -0.32 0.00	36.62 -0.33 0.00	32.97 -0.33 0.00	29.72 -0.33 0.00
SENECA___115KV_TB3 355854	29.79 0.00 0.00	26.84 -0.03 0.00	26.90 -0.08 0.00	24.23 -0.22 0.00	24.27 -0.27 0.00	25.48 -0.15 0.00	27.37 -0.28 0.00	30.77 0.39 0.00	33.05 0.58 0.00	35.43 0.39 0.00	36.16 0.98 0.00	37.87 1.32 0.00	39.30 1.58 0.00	40.92 1.31 0.00	41.28 1.47 0.00	42.99 0.97 0.00	45.58 0.98 0.00	49.61 0.88 0.00	48.72 1.10 0.00	45.15 1.27 0.00	41.58 1.21 0.00	37.95 1.00 0.00	34.11 0.80 0.00	30.65 0.60 0.00
SENECA___ENERGY 23797	29.76 -0.03 0.00	26.79 -0.08 0.00	26.82 -0.16 0.00	24.23 -0.22 0.00	24.37 -0.17 0.00	25.53 -0.10 0.00	27.73 0.08 0.00	30.74 0.37 0.00	32.95 0.49 0.00	35.67 0.63 0.00	35.95 0.77 0.00	37.43 0.88 0.00	38.70 0.98 0.00	40.56 0.95 0.00	40.73 0.92 0.00	42.48 0.46 0.00	45.00 0.40 0.00	49.17 0.44 0.00	48.29 0.67 0.00	44.58 0.70 0.00	40.98 0.61 0.00	37.40 0.45 0.00	33.67 0.37 0.00	30.29 0.24 0.00
SHOEMAKER___GT 23640	31.16 1.37 0.00	28.00 1.13 0.00	28.16 1.19 0.00	25.50 1.05 0.00	25.57 1.03 0.00	26.71 1.08 0.00	28.84 1.19 0.00	31.62 1.25 0.00	33.99 1.53 0.00	36.58 1.54 0.00	36.62 1.44 0.00	38.08 1.53 0.00	39.23 1.51 0.00	41.24 1.62 0.00	41.52 1.71 0.00	44.04 2.02 0.00	46.79 2.19 0.00	51.07 2.34 0.00	49.71 2.09 0.00	45.76 1.89 0.00	42.03 1.66 0.00	38.58 1.62 0.00	34.84 1.53 0.00	31.25 1.20 0.00
SHOEMAKR_138KV_BK 111 55601	31.16 1.37 0.00	27.97 1.10 0.00	28.16 1.19 0.00	25.50 1.05 0.00	25.57 1.03 0.00	26.71 1.08 0.00	28.84 1.19 0.00	31.65 1.28 0.00	34.03 1.56 0.00	36.72 1.68 0.00	36.72 1.55 0.00	38.12 1.57 0.00	39.26 1.55 0.00	41.31 1.70 0.00	41.56 1.75 0.00	44.08 2.06 0.00	46.83 2.23 0.00	51.12 2.39 0.00	49.76 2.14 0.00	45.76 1.89 0.00	42.03 1.66 0.00	38.58 1.63 0.00	34.90 1.60 0.00	31.31 1.26 0.00
SHOREHAM_IC_1 23715	44.07 3.54 -10.74	42.16 3.01 -12.28	38.42 3.15 -8.29	35.59 2.71 -8.43	35.25 2.68 -8.03	36.60 2.79 -8.17	33.37 3.34 -2.37	33.98 3.55 -0.06	36.72 4.19 -0.06	42.30 4.24 -3.02	47.70 3.83 -8.69	48.64 3.91 -8.18	54.08 3.85 -12.51	57.80 4.08 -14.11	64.92 4.18 -20.93	64.72 4.83 -17.87	68.14 5.04 -18.50	85.87 5.41 -31.73	84.86 5.05 -32.19	62.26 4.52 -13.86	60.74 4.28 -16.09	52.45 3.81 -11.69	45.10 3.80 -7.99	40.52 3.22 -7.26
SHOREHAM_IC_2 23716	44.07 3.54 -10.74	42.16 3.01 -12.28	38.42 3.15 -8.29	35.59 2.71 -8.43	35.25 2.68 -8.03	36.60 2.79 -8.17	33.37 3.34 -2.37	33.98 3.55 -0.06	36.72 4.19 -0.06	42.30 4.24 -3.02	47.70 3.83 -8.69	48.64 3.91 -8.18	54.08 3.85 -12.51	57.80 4.08 -14.11	64.92 4.18 -20.93	64.72 4.83 -17.87	68.14 5.04 -18.50	85.87 5.41 -31.73	84.86 5.05 -32.19	62.26 4.52 -13.86	60.74 4.28 -16.09	52.45 3.81 -11.69	45.10 3.80 -7.99	40.52 3.22 -7.26

SISSONVILLE____ 23735	29.28 -0.51 0.00	26.63 -0.24 0.00	26.68 -0.30 0.00	24.20 -0.24 0.00	24.17 -0.37 0.00	25.22 -0.41 0.00	27.10 -0.55 0.00	29.73 -0.64 0.00	31.56 -0.91 0.00	34.16 -0.88 0.00	34.19 -0.98 0.00	35.23 -1.32 0.00	36.40 -1.32 0.00	38.26 -1.35 0.00	38.62 -1.19 0.00	40.68 -1.34 0.00	42.82 -1.78 0.00	46.93 -1.80 0.00	46.10 -1.52 0.00	42.38 -1.49 0.00	39.24 -1.13 0.00	36.03 -0.92 0.00	32.67 -0.63 0.00	29.69 -0.36 0.00
SITHE_IND_GS1 24169	28.89 -0.89 0.00	26.07 -0.81 0.00	26.14 -0.84 0.00	23.67 -0.78 0.00	23.75 -0.79 0.00	24.84 -0.79 0.00	26.79 -0.86 0.00	29.52 -0.85 0.00	31.62 -0.84 0.00	34.17 -0.87 0.00	34.37 -0.81 0.00	35.71 -0.84 0.00	36.89 -0.83 0.00	38.70 -0.91 0.00	38.90 -0.91 0.00	40.93 -1.09 0.00	43.44 -1.16 0.00	47.46 -1.27 0.00	46.43 -1.19 0.00	42.87 -1.01 0.00	39.44 -0.93 0.00	36.07 -0.89 0.00	32.51 -0.80 0.00	29.27 -0.78 0.00
SITHE_IND_GS2 24170	28.89 -0.89 0.00	26.07 -0.81 0.00	26.14 -0.84 0.00	23.67 -0.78 0.00	23.75 -0.79 0.00	24.84 -0.79 0.00	26.79 -0.86 0.00	29.52 -0.85 0.00	31.62 -0.84 0.00	34.17 -0.87 0.00	34.37 -0.81 0.00	35.71 -0.84 0.00	36.89 -0.83 0.00	38.70 -0.91 0.00	38.90 -0.91 0.00	40.93 -1.09 0.00	43.44 -1.16 0.00	47.46 -1.27 0.00	46.43 -1.19 0.00	42.87 -1.01 0.00	39.44 -0.93 0.00	36.07 -0.89 0.00	32.51 -0.80 0.00	29.27 -0.78 0.00
SITHE_IND_GS3 24171	28.89 -0.89 0.00	26.07 -0.81 0.00	26.14 -0.84 0.00	23.67 -0.78 0.00	23.75 -0.79 0.00	24.84 -0.79 0.00	26.79 -0.86 0.00	29.52 -0.85 0.00	31.62 -0.84 0.00	34.17 -0.87 0.00	34.37 -0.81 0.00	35.71 -0.84 0.00	36.89 -0.83 0.00	38.70 -0.91 0.00	38.90 -0.91 0.00	40.93 -1.09 0.00	43.44 -1.16 0.00	47.46 -1.27 0.00	46.43 -1.19 0.00	42.87 -1.01 0.00	39.44 -0.93 0.00	36.07 -0.89 0.00	32.51 -0.80 0.00	29.27 -0.78 0.00
SITHE_IND_GS4 24172	28.89 -0.89 0.00	26.07 -0.81 0.00	26.14 -0.84 0.00	23.67 -0.78 0.00	23.75 -0.79 0.00	24.84 -0.79 0.00	26.79 -0.86 0.00	29.52 -0.85 0.00	31.62 -0.84 0.00	34.17 -0.87 0.00	34.37 -0.81 0.00	35.71 -0.84 0.00	36.89 -0.83 0.00	38.70 -0.91 0.00	38.90 -0.91 0.00	40.93 -1.09 0.00	43.44 -1.16 0.00	47.46 -1.27 0.00	46.43 -1.19 0.00	42.87 -1.01 0.00	39.44 -0.93 0.00	36.07 -0.89 0.00	32.51 -0.80 0.00	29.27 -0.78 0.00
SITHE____BATAVIA 24024	30.08 0.30 0.00	27.25 0.38 0.00	27.11 0.14 0.00	24.42 -0.02 0.00	24.47 -0.07 0.00	25.76 0.13 0.00	27.73 0.08 0.00	31.04 0.67 0.00	33.41 0.94 0.00	36.44 1.40 0.00	36.76 1.58 0.00	38.16 1.61 0.00	39.56 1.85 0.00	41.43 1.82 0.00	41.52 1.71 0.00	43.15 1.13 0.00	45.76 1.16 0.00	49.95 1.22 0.00	49.14 1.52 0.00	45.72 1.84 0.00	42.19 1.82 0.00	38.47 1.52 0.00	34.90 1.60 0.00	31.31 1.26 0.00
SITHE____INDEPEND 23800	28.89 -0.89 0.00	26.06 -0.81 0.00	26.14 -0.84 0.00	23.67 -0.78 0.00	23.76 -0.79 0.00	24.81 -0.82 0.00	26.79 -0.86 0.00	29.52 -0.85 0.00	31.62 -0.84 0.00	34.09 -0.95 0.00	34.33 -0.84 0.00	35.71 -0.84 0.00	36.89 -0.83 0.00	38.70 -0.91 0.00	38.90 -0.92 0.00	40.93 -1.09 0.00	43.44 -1.16 0.00	47.46 -1.27 0.00	46.43 -1.19 0.00	42.87 -1.01 0.00	39.44 -0.93 0.00	36.07 -0.89 0.00	32.44 -0.87 0.00	29.24 -0.81 0.00
SITHE____MASSENA 23902	29.49 -0.30 0.00	26.82 -0.05 0.00	26.87 -0.11 0.00	24.38 -0.07 0.00	24.44 -0.10 0.00	25.50 -0.13 0.00	27.37 -0.28 0.00	30.07 -0.30 0.00	31.95 -0.52 0.00	34.52 -0.52 0.00	34.58 -0.60 0.00	35.82 -0.73 0.00	37.00 -0.72 0.00	38.86 -0.75 0.00	39.17 -0.64 0.00	41.31 -0.71 0.00	43.66 -0.94 0.00	47.76 -0.97 0.00	46.76 -0.86 0.00	43.04 -0.83 0.00	39.77 -0.60 0.00	36.47 -0.48 0.00	32.81 -0.50 0.00	29.78 -0.27 0.00
SITHE____OGDNSBRG 24021	29.76 -0.03 0.00	27.09 0.21 0.00	27.14 0.16 0.00	24.60 0.15 0.00	24.61 0.07 0.00	25.68 0.05 0.00	27.57 -0.08 0.00	30.31 -0.06 0.00	32.17 -0.29 0.00	34.83 -0.21 0.00	34.86 -0.32 0.00	36.00 -0.55 0.00	37.19 -0.53 0.00	39.10 -0.51 0.00	39.37 -0.44 0.00	41.47 -0.55 0.00	43.76 -0.85 0.00	47.95 -0.78 0.00	47.14 -0.48 0.00	43.44 -0.44 0.00	40.21 -0.16 0.00	36.77 -0.18 0.00	33.17 -0.13 0.00	30.14 0.09 0.00
SITHE____STERLING 23777	30.56 0.77 0.00	27.44 0.57 0.00	27.52 0.54 0.00	24.89 0.44 0.00	24.98 0.44 0.00	26.09 0.46 0.00	28.29 0.64 0.00	31.22 0.85 0.00	33.51 1.04 0.00	36.23 1.19 0.00	36.44 1.26 0.00	37.83 1.28 0.00	39.04 1.32 0.00	41.00 1.39 0.00	41.12 1.31 0.00	43.19 1.17 0.00	45.94 1.34 0.00	50.34 1.61 0.00	49.38 1.76 0.00	45.59 1.71 0.00	41.99 1.62 0.00	38.21 1.26 0.00	34.40 1.10 0.00	30.95 0.90 0.00
SLEIGHT__34_KV_TB1 80719	30.47 0.69 0.00	27.43 0.56 0.00	27.46 0.49 0.00	24.77 0.32 0.00	24.93 0.39 0.00	26.09 0.46 0.00	28.29 0.64 0.00	31.41 1.03 0.00	33.80 1.33 0.00	36.41 1.37 0.00	36.87 1.69 0.00	38.49 1.94 0.00	39.79 2.07 0.00	41.63 2.02 0.00	41.84 2.03 0.00	43.78 1.76 0.00	46.61 2.01 0.00	50.97 2.24 0.00	49.95 2.33 0.00	46.11 2.24 0.00	42.43 2.06 0.00	38.69 1.74 0.00	34.64 1.33 0.00	31.10 1.05 0.00
SOUTH CAIRO____GT 23612	31.39 1.61 0.00	28.27 1.40 0.00	28.38 1.40 0.00	25.70 1.25 0.00	25.84 1.30 0.00	26.99 1.36 0.00	29.37 1.74 0.02	31.65 1.28 0.00	33.99 1.53 0.00	36.81 1.89 0.12	36.62 1.44 0.00	38.08 1.53 0.00	39.26 1.55 0.00	41.12 1.50 0.00	41.17 1.35 0.00	43.70 1.68 0.00	46.48 1.87 0.00	51.07 2.34 0.00	49.71 2.09 0.00	45.98 2.11 0.00	42.47 2.10 0.00	39.35 2.40 0.00	35.24 1.93 0.00	31.43 1.38 0.00
SOUTH HAMPTN____IC 23720	44.84 4.32 -10.74	42.86 3.71 -12.28	39.07 3.80 -8.28	36.17 3.30 -8.43	35.83 3.26 -8.03	37.21 3.41 -8.17	34.01 3.98 -2.37	34.77 4.34 -0.06	37.59 5.06 -0.06	43.42 5.36 -3.02	48.93 5.07 -8.69	49.92 5.19 -8.18	55.32 5.24 -12.37	59.26 5.55 -14.10	66.34 5.65 -20.87	66.16 6.35 -17.80	69.75 6.65 -18.50	87.02 7.11 -31.18	85.61 6.72 -31.27	63.82 6.01 -13.93	61.72 5.49 -15.86	53.48 4.92 -11.61	45.96 4.66 -7.99	41.24 3.94 -7.26
SOUTHDOW_115KV_TB1 355954	30.53 0.74 0.00	27.54 0.67 0.00	27.60 0.62 0.00	24.86 0.42 0.00	24.96 0.42 0.00	26.25 0.62 0.00	28.31 0.66 0.00	31.89 1.52 0.00	34.29 1.82 0.00	36.83 1.79 0.00	37.53 2.36 0.00	39.33 2.78 0.00	40.73 3.02 0.00	42.23 2.61 0.00	42.60 2.79 0.00	44.37 2.35 0.00	47.06 2.45 0.00	51.12 2.39 0.00	50.24 2.62 0.00	46.38 2.50 0.00	42.67 2.30 0.00	38.91 1.96 0.00	34.90 1.60 0.00	31.43 1.38 0.00
SOUTHOLD_69_KV_BK 2 55809	45.71 5.18 -10.74	43.59 4.43 -12.28	39.77 4.51 -8.28	36.81 3.94 -8.43	36.47 3.90 -8.03	37.88 4.08 -8.17	34.75 4.73 -2.37	35.72 5.28 -0.06	38.63 6.10 -0.06	44.82 6.76 -3.02	50.30 6.44 -8.69	51.31 6.58 -8.18	56.80 6.71 -12.37	60.84 7.13 -14.10	67.93 7.25 -20.87	67.84 8.03 -17.80	71.57 8.47 -18.50	83.83 9.11 -25.98	87.52 8.62 -31.28	65.49 7.68 -13.94	63.13 6.90 -15.86	54.70 6.13 -11.61	47.00 5.70 -7.99	42.11 4.81 -7.26

SOUTHOLD___IC 23719	45.71 5.18 -10.74	43.59 4.43 -12.28	39.74 4.48 -8.28	36.81 3.94 -8.43	36.47 3.90 -8.03	37.88 4.08 -8.17	34.72 4.70 -2.37	35.71 5.28 -0.06	38.63 6.10 -0.06	44.65 6.59 -3.02	50.23 6.37 -8.69	51.30 6.58 -8.18	56.80 6.71 -12.37	60.80 7.09 -14.10	67.93 7.25 -20.87	67.84 8.03 -17.80	71.53 8.43 -18.50	89.02 9.11 -31.18	87.52 8.62 -31.28	65.49 7.68 -13.94	63.13 6.90 -15.86	54.70 6.14 -11.61	46.96 5.66 -7.99	42.08 4.78 -7.26
SPIERFLS_115KV_TB 1 80737	31.54 1.76 0.00	28.51 1.64 0.00	28.62 1.65 0.00	25.92 1.47 0.00	26.11 1.57 0.00	27.25 1.61 0.00	29.58 1.91 -0.02	32.35 1.97 0.00	34.71 2.24 0.00	37.63 2.45 -0.14	37.50 2.32 0.00	38.96 2.41 0.00	39.64 1.92 0.00	41.75 2.14 0.00	41.72 1.91 0.00	44.08 2.06 0.00	46.70 2.10 0.00	51.12 2.39 0.00	50.14 2.52 0.00	46.38 2.50 0.00	43.32 2.95 0.00	39.72 2.77 0.00	35.67 2.36 0.00	31.82 1.77 0.00
ST LAWRENCE____ 23600	29.22 -0.57 0.00	26.49 -0.38 0.00	26.57 -0.40 0.00	24.08 -0.37 0.00	24.17 -0.37 0.00	25.22 -0.41 0.00	27.15 -0.50 0.00	29.83 -0.55 0.00	31.69 -0.78 0.00	34.20 -0.84 0.00	34.30 -0.88 0.00	35.56 -0.99 0.00	36.74 -0.98 0.00	38.58 -1.03 0.00	38.82 -0.99 0.00	40.97 -1.05 0.00	43.40 -1.20 0.00	47.46 -1.27 0.00	46.43 -1.19 0.00	42.73 -1.14 0.00	39.44 -0.93 0.00	36.10 -0.85 0.00	32.51 -0.80 0.00	29.51 -0.54 0.00
STATE_CA_115KV_115_LB 55624	30.80 1.01 0.00	27.76 0.89 0.00	27.92 0.94 0.00	25.30 0.86 0.00	25.45 0.91 0.00	26.55 0.92 0.00	28.67 1.05 0.03	31.31 0.94 0.00	33.64 1.17 0.00	36.16 1.30 0.18	36.41 1.23 0.00	37.83 1.28 0.00	38.96 1.24 0.00	41.00 1.39 0.00	41.01 1.19 0.00	43.49 1.47 0.00	46.16 1.56 0.00	50.39 1.66 0.00	49.05 1.43 0.00	45.15 1.27 0.00	41.66 1.29 0.00	38.25 1.29 0.00	34.51 1.20 0.00	30.95 0.90 0.00
STATE_ST_34_KV_LOAD 55959	30.05 0.27 0.00	27.27 0.40 0.00	27.35 0.38 0.00	24.67 0.22 0.00	24.86 0.32 0.00	25.96 0.33 0.00	27.87 0.22 0.00	30.86 0.49 0.00	33.12 0.65 0.00	35.67 0.63 0.00	36.02 0.84 0.00	37.57 1.02 0.00	38.81 1.09 0.00	40.64 1.03 0.00	40.89 1.07 0.00	42.94 0.92 0.00	45.63 1.03 0.00	49.90 1.17 0.00	48.91 1.29 0.00	45.15 1.27 0.00	41.50 1.13 0.00	37.88 0.92 0.00	33.97 0.67 0.00	30.53 0.48 0.00
STATION 5_MISC_HYD 23604	29.79 0.00 0.00	26.87 0.00 0.00	26.87 -0.11 0.00	24.25 -0.20 0.00	24.30 -0.25 0.00	25.43 -0.21 0.00	27.43 -0.22 0.00	30.59 0.21 0.00	32.89 0.42 0.00	35.81 0.77 0.00	36.13 0.95 0.00	37.57 1.02 0.00	38.89 1.17 0.00	40.72 1.11 0.00	40.85 1.03 0.00	42.61 0.59 0.00	45.18 0.58 0.00	49.27 0.54 0.00	48.38 0.76 0.00	44.89 1.01 0.00	41.34 0.97 0.00	37.73 0.78 0.00	34.17 0.86 0.00	30.62 0.57 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.94 0.15 0.00	26.95 0.08 0.00	26.95 -0.03 0.00	24.33 -0.12 0.00	24.42 -0.12 0.00	25.53 -0.10 0.00	27.65 0.00 0.00	30.77 0.39 0.00	33.08 0.62 0.00	35.57 0.53 0.00	36.09 0.91 0.00	37.65 1.10 0.00	39.00 1.28 0.00	40.76 1.15 0.00	41.01 1.19 0.00	42.82 0.80 0.00	45.50 0.89 0.00	49.66 0.93 0.00	48.76 1.14 0.00	45.15 1.27 0.00	41.54 1.17 0.00	37.91 0.96 0.00	34.01 0.70 0.00	30.56 0.51 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.61 -0.18 0.00	26.71 -0.16 0.00	26.71 -0.27 0.00	24.08 -0.37 0.00	24.15 -0.39 0.00	25.27 -0.36 0.00	27.26 -0.39 0.00	30.40 0.03 0.00	32.73 0.26 0.00	35.11 0.07 0.00	35.74 0.56 0.00	37.28 0.73 0.00	38.66 0.94 0.00	40.36 0.75 0.00	40.65 0.84 0.00	42.40 0.38 0.00	45.00 0.40 0.00	49.07 0.34 0.00	48.14 0.52 0.00	44.67 0.79 0.00	41.14 0.77 0.00	37.54 0.59 0.00	33.71 0.40 0.00	30.23 0.18 0.00
STA_56___34_KV_BUS2 355983	29.61 -0.18 0.00	26.71 -0.16 0.00	26.71 -0.27 0.00	24.08 -0.37 0.00	24.15 -0.39 0.00	25.27 -0.36 0.00	27.26 -0.39 0.00	30.40 0.03 0.00	32.73 0.26 0.00	35.11 0.07 0.00	35.74 0.56 0.00	37.28 0.73 0.00	38.66 0.94 0.00	40.36 0.75 0.00	40.65 0.84 0.00	42.40 0.38 0.00	45.00 0.40 0.00	49.07 0.34 0.00	48.14 0.52 0.00	44.67 0.79 0.00	41.14 0.77 0.00	37.54 0.59 0.00	33.71 0.40 0.00	30.23 0.18 0.00
STA_67___115KV_BK2 355882	29.70 -0.09 0.00	26.82 -0.05 0.00	26.81 -0.16 0.00	24.18 -0.27 0.00	24.22 -0.32 0.00	25.35 -0.28 0.00	27.35 -0.30 0.00	30.49 0.12 0.00	32.82 0.36 0.00	35.18 0.14 0.00	35.81 0.63 0.00	37.35 0.80 0.00	38.74 1.02 0.00	40.44 0.83 0.00	40.73 0.92 0.00	42.48 0.46 0.00	45.05 0.45 0.00	49.12 0.39 0.00	48.24 0.62 0.00	44.75 0.88 0.00	41.22 0.85 0.00	37.62 0.67 0.00	33.81 0.50 0.00	30.35 0.30 0.00
STA_7___115KV_9TRANS 80674	29.94 0.15 0.00	27.03 0.16 0.00	27.00 0.03 0.00	24.35 -0.10 0.00	24.42 -0.12 0.00	25.53 -0.10 0.00	27.54 -0.11 0.00	30.71 0.33 0.00	33.08 0.62 0.00	35.50 0.46 0.00	36.13 0.95 0.00	37.72 1.17 0.00	39.11 1.40 0.00	40.84 1.23 0.00	41.13 1.31 0.00	42.90 0.88 0.00	45.50 0.89 0.00	49.61 0.88 0.00	48.72 1.10 0.00	45.19 1.32 0.00	41.62 1.25 0.00	37.99 1.03 0.00	34.11 0.80 0.00	30.59 0.54 0.00
STA_82___115KV_TB1 80780	29.73 -0.06 0.00	26.82 -0.05 0.00	26.81 -0.16 0.00	24.20 -0.24 0.00	24.25 -0.29 0.00	25.37 -0.26 0.00	27.35 -0.30 0.00	30.52 0.15 0.00	32.82 0.36 0.00	35.22 0.18 0.00	35.81 0.63 0.00	37.39 0.84 0.00	38.77 1.06 0.00	40.48 0.87 0.00	40.73 0.92 0.00	42.52 0.50 0.00	45.09 0.49 0.00	49.17 0.44 0.00	48.29 0.67 0.00	44.75 0.88 0.00	41.26 0.89 0.00	37.66 0.70 0.00	33.84 0.53 0.00	30.38 0.33 0.00
STEEL___WIND 323596	29.76 -0.03 0.00	26.87 0.00 0.00	26.87 -0.11 0.00	24.23 -0.22 0.00	24.25 -0.29 0.00	25.48 -0.15 0.00	27.40 -0.25 0.00	30.77 0.39 0.00	33.05 0.59 0.00	36.06 1.02 0.00	36.44 1.26 0.00	37.90 1.35 0.00	39.26 1.55 0.00	41.08 1.47 0.00	41.24 1.43 0.00	42.90 0.88 0.00	45.54 0.94 0.00	49.56 0.83 0.00	48.67 1.05 0.00	45.10 1.23 0.00	41.54 1.17 0.00	37.91 0.96 0.00	34.47 1.17 0.00	30.92 0.87 0.00
STEPHTWN_115KV_BK_2 55603	30.95 1.16 0.00	27.86 0.99 0.00	28.00 1.03 0.00	25.38 0.93 0.00	25.52 0.98 0.00	26.66 1.03 0.00	28.83 1.22 0.03	31.47 1.09 0.00	33.80 1.33 0.00	36.26 1.44 0.21	36.58 1.41 0.00	38.01 1.46 0.00	39.15 1.43 0.00	41.20 1.58 0.00	41.21 1.39 0.00	43.70 1.68 0.00	46.43 1.83 0.00	50.73 2.00 0.00	49.38 1.76 0.00	45.50 1.62 0.00	41.94 1.57 0.00	38.54 1.59 0.00	34.77 1.47 0.00	31.13 1.08 0.00
STEUBEN_REC_LFGE 323667	30.65 0.86 0.00	27.57 0.70 0.00	27.60 0.62 0.00	24.86 0.42 0.00	25.01 0.47 0.00	26.20 0.56 0.00	28.31 0.66 0.00	31.68 1.31 0.00	33.96 1.49 0.00	36.34 1.30 0.00	36.90 1.72 0.00	38.56 2.01 0.00	40.02 2.30 0.00	41.63 2.02 0.00	41.96 2.15 0.00	43.78 1.76 0.00	46.65 2.05 0.00	50.97 2.24 0.00	50.19 2.57 0.00	46.42 2.54 0.00	42.71 2.34 0.00	38.95 2.00 0.00	34.90 1.60 0.00	31.46 1.41 0.00

STONY___BROOK 24151	44.03 3.48 -10.76	42.19 3.04 -12.29	38.34 3.07 -8.29	35.61 2.74 -8.43	35.27 2.70 -8.03	36.62 2.82 -8.17	33.21 3.18 -2.38	33.91 3.46 -0.08	36.54 3.99 -0.08	42.25 4.17 -3.04	47.81 3.94 -8.69	48.77 4.02 -8.20	55.00 3.96 -13.33	57.85 4.12 -14.12	65.12 4.18 -21.13	64.87 4.58 -18.27	68.02 4.91 -18.51	88.80 5.22 -34.85	89.87 4.86 -37.39	61.43 4.48 -13.08	61.62 4.04 -17.21	52.93 3.92 -12.06	45.20 3.89 -7.99	40.52 3.22 -7.26
STURGEON_POOL_HYD 23609	31.34 1.55 0.00	28.05 1.18 0.00	28.24 1.27 0.00	25.60 1.15 0.00	25.65 1.10 0.00	26.76 1.13 0.00	29.11 1.47 0.00	31.71 1.34 0.00	34.12 1.66 0.00	37.11 2.10 0.03	36.79 1.62 0.00	38.19 1.64 0.00	39.34 1.62 0.00	41.43 1.82 0.00	41.72 1.91 0.00	44.33 2.31 0.00	47.15 2.54 0.00	51.36 2.63 0.00	49.95 2.33 0.00	45.94 2.06 0.00	42.07 1.70 0.00	38.69 1.74 0.00	35.07 1.77 0.00	31.43 1.38 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.34 1.55 0.00	28.08 1.21 0.00	28.24 1.27 0.00	25.60 1.15 0.00	25.65 1.10 0.00	26.78 1.15 0.00	29.01 1.35 0.00	31.83 1.46 0.00	34.25 1.79 0.00	37.00 1.96 0.00	36.97 1.79 0.00	38.38 1.83 0.00	39.53 1.81 0.00	41.63 2.02 0.00	41.88 2.07 0.00	44.41 2.40 0.00	47.23 2.63 0.00	51.46 2.73 0.00	50.10 2.48 0.00	46.07 2.19 0.00	42.23 1.86 0.00	38.76 1.81 0.00	35.10 1.80 0.00	31.49 1.44 0.00
SWANROAD_115KV_TB1 355699	29.13 -0.66 0.00	26.06 -0.81 0.00	26.30 -0.67 0.00	23.50 -0.95 0.00	23.76 -0.79 0.00	24.68 -0.95 0.00	26.49 -1.16 0.00	29.77 -0.61 0.00	31.98 -0.49 0.00	34.16 -0.88 0.00	34.93 -0.25 0.00	36.55 0.00 0.00	37.98 0.26 0.00	39.49 -0.12 0.00	39.85 0.04 0.00	41.43 -0.59 0.00	43.93 -0.67 0.00	47.80 -0.93 0.00	47.00 -0.62 0.00	43.66 -0.22 0.00	40.25 -0.12 0.00	36.73 -0.22 0.00	33.04 -0.27 0.00	29.87 -0.18 0.00
SYNERGY___BIOGAS 323694	30.08 0.30 0.00	27.25 0.38 0.00	27.11 0.14 0.00	24.42 -0.02 0.00	24.47 -0.07 0.00	25.76 0.13 0.00	27.73 0.08 0.00	31.04 0.67 0.00	33.41 0.94 0.00	36.44 1.40 0.00	36.76 1.58 0.00	38.16 1.61 0.00	39.56 1.85 0.00	41.43 1.82 0.00	41.52 1.71 0.00	43.15 1.13 0.00	45.76 1.16 0.00	49.95 1.22 0.00	49.14 1.52 0.00	45.72 1.84 0.00	42.19 1.82 0.00	38.47 1.52 0.00	34.90 1.60 0.00	31.31 1.26 0.00
SYRACUSE___ENERGY_ST1 323597	29.73 -0.06 0.00	26.79 -0.08 0.00	26.84 -0.13 0.00	24.28 -0.17 0.00	24.42 -0.12 0.00	25.50 -0.13 0.00	27.54 -0.11 0.00	30.40 0.03 0.00	32.60 0.13 0.00	35.15 0.11 0.00	35.46 0.28 0.00	36.92 0.37 0.00	38.17 0.45 0.00	39.97 0.36 0.00	40.17 0.36 0.00	42.23 0.21 0.00	44.92 0.31 0.00	49.02 0.29 0.00	48.00 0.38 0.00	44.27 0.39 0.00	40.73 0.36 0.00	37.21 0.26 0.00	33.44 0.13 0.00	30.11 0.06 0.00
SYRACUSE___ENERGY_ST2 323598	29.73 -0.06 0.00	26.79 -0.08 0.00	26.84 -0.13 0.00	24.28 -0.17 0.00	24.42 -0.12 0.00	25.50 -0.13 0.00	27.54 -0.11 0.00	30.40 0.03 0.00	32.60 0.13 0.00	35.15 0.11 0.00	35.46 0.28 0.00	36.92 0.37 0.00	38.17 0.45 0.00	39.97 0.36 0.00	40.17 0.36 0.00	42.23 0.21 0.00	44.92 0.31 0.00	49.02 0.29 0.00	48.00 0.38 0.00	44.27 0.39 0.00	40.73 0.36 0.00	37.21 0.26 0.00	33.44 0.13 0.00	30.11 0.06 0.00
SYRACUSE___POWER 24017	29.64 -0.15 0.00	26.71 -0.16 0.00	26.79 -0.19 0.00	24.23 -0.22 0.00	24.34 -0.20 0.00	25.43 -0.21 0.00	27.46 -0.19 0.00	30.28 -0.09 0.00	32.47 0.00 0.00	35.04 0.00 0.00	35.32 0.14 0.00	36.77 0.22 0.00	38.02 0.30 0.00	39.85 0.24 0.00	40.05 0.24 0.00	42.10 0.08 0.00	44.78 0.18 0.00	48.93 0.19 0.00	47.86 0.24 0.00	44.18 0.31 0.00	40.61 0.24 0.00	37.10 0.15 0.00	33.34 0.03 0.00	30.02 -0.03 0.00
TALLMAN___138KV_BK151 55660	31.60 1.82 0.00	28.32 1.45 0.00	28.49 1.51 0.00	25.79 1.34 0.00	25.84 1.30 0.00	26.99 1.36 0.00	29.23 1.58 0.00	32.13 1.76 0.00	34.58 2.11 0.00	37.35 2.31 0.00	37.32 2.15 0.00	38.71 2.16 0.00	39.87 2.15 0.00	42.03 2.42 0.00	42.28 2.47 0.00	44.88 2.86 0.00	47.73 3.12 0.00	52.00 3.26 0.00	50.52 2.90 0.00	46.42 2.54 0.00	42.55 2.18 0.00	39.02 2.07 0.00	35.40 2.10 0.00	31.73 1.68 0.00
TEALLAVE_115KV_TB7 355573	29.55 -0.24 0.00	26.63 -0.24 0.00	26.68 -0.30 0.00	24.16 -0.29 0.00	24.27 -0.27 0.00	25.35 -0.28 0.00	27.35 -0.30 0.00	30.16 -0.21 0.00	32.34 -0.13 0.00	34.90 -0.14 0.00	35.18 0.00 0.00	36.66 0.11 0.00	37.87 0.15 0.00	39.69 0.08 0.00	39.89 0.08 0.00	41.94 -0.08 0.00	44.60 0.00 0.00	48.68 -0.05 0.00	47.67 0.05 0.00	43.96 0.09 0.00	40.41 0.04 0.00	36.95 0.00 0.00	33.21 -0.10 0.00	29.90 -0.15 0.00
TELGRAPH_34_KV_EAST 80808	29.79 0.00 0.00	26.74 -0.13 0.00	26.87 -0.11 0.00	24.08 -0.37 0.00	24.25 -0.29 0.00	25.30 -0.33 0.00	27.24 -0.41 0.00	30.55 0.18 0.00	32.89 0.42 0.00	35.18 0.14 0.00	35.95 0.77 0.00	37.57 1.02 0.00	39.04 1.32 0.00	40.64 1.03 0.00	40.97 1.15 0.00	42.61 0.59 0.00	45.14 0.54 0.00	49.17 0.44 0.00	48.38 0.76 0.00	44.93 1.05 0.00	41.46 1.09 0.00	37.80 0.85 0.00	34.01 0.70 0.00	30.59 0.54 0.00
TEMPLE___115KV_TB 2 55572	29.58 -0.21 0.00	26.63 -0.24 0.00	26.71 -0.27 0.00	24.16 -0.29 0.00	24.27 -0.27 0.00	25.37 -0.26 0.00	27.37 -0.28 0.00	30.19 -0.18 0.00	32.37 -0.10 0.00	34.93 -0.11 0.00	35.21 0.04 0.00	36.70 0.15 0.00	37.94 0.23 0.00	39.73 0.12 0.00	39.97 0.16 0.00	41.98 -0.04 0.00	44.65 0.04 0.00	48.73 0.00 0.00	47.72 0.10 0.00	44.01 0.13 0.00	40.45 0.08 0.00	36.99 0.04 0.00	33.24 -0.07 0.00	29.93 -0.12 0.00
TIANA___69_KV_BK 1 55817	44.60 4.08 -10.74	42.65 3.49 -12.28	38.85 3.59 -8.28	36.00 3.13 -8.43	35.64 3.07 -8.03	37.03 3.23 -8.17	33.81 3.79 -2.37	34.53 4.10 -0.06	37.33 4.81 -0.06	43.25 5.19 -3.02	48.65 4.78 -8.69	49.59 4.86 -8.18	54.91 4.83 -12.37	58.90 5.19 -14.10	65.94 5.26 -20.87	65.70 5.88 -17.80	69.34 6.24 -18.50	81.34 6.63 -25.98	85.14 6.24 -31.28	63.38 5.57 -13.93	61.36 5.13 -15.86	53.14 4.58 -11.61	45.80 4.50 -7.99	41.06 3.76 -7.26
TILDEN___115KV_TB1 80814	29.64 -0.15 0.00	26.71 -0.16 0.00	26.79 -0.19 0.00	24.23 -0.22 0.00	24.34 -0.20 0.00	25.43 -0.21 0.00	27.46 -0.19 0.00	30.28 -0.09 0.00	32.47 0.00 0.00	35.04 0.00 0.00	35.32 0.14 0.00	36.77 0.22 0.00	38.02 0.30 0.00	39.85 0.24 0.00	40.05 0.24 0.00	42.10 0.08 0.00	44.78 0.18 0.00	48.93 0.19 0.00	47.86 0.24 0.00	44.18 0.31 0.00	40.61 0.24 0.00	37.10 0.15 0.00	33.34 0.03 0.00	30.02 -0.03 0.00
TRIGEN___CC 323695	43.03 2.56 -10.68	41.27 2.12 -12.27	37.44 2.19 -8.27	34.83 1.96 -8.43	34.48 1.91 -8.03	35.80 2.00 -8.17	32.25 2.24 -2.36	32.89 2.52 0.00	35.39 2.92 0.00	41.23 3.22 -2.96	46.78 2.92 -8.68	47.63 2.96 -8.12	49.57 2.94 -8.91	56.87 3.21 -14.05	62.87 3.26 -19.79	61.85 3.74 -16.09	67.10 4.01 -18.48	70.84 4.19 -17.92	60.67 3.86 -9.19	55.52 3.47 -8.18	49.47 3.03 -6.07	48.14 2.81 -8.38	44.23 2.93 -7.99	39.71 2.40 -7.26

TRINITY__115KV__4 BK 55933	30.68 0.89 0.00	27.65 0.78 0.00	27.81 0.84 0.00	25.23 0.78 0.00	25.35 0.81 0.00	26.45 0.82 0.00	28.56 0.94 0.03	31.16 0.79 0.00	33.47 1.01 0.00	35.96 1.12 0.21	36.20 1.02 0.00	37.61 1.06 0.00	38.74 1.02 0.00	40.76 1.15 0.00	40.81 1.00 0.00	43.24 1.22 0.00	45.90 1.29 0.00	50.09 1.36 0.00	48.81 1.19 0.00	44.93 1.05 0.00	41.42 1.05 0.00	38.06 1.11 0.00	34.34 1.03 0.00	30.80 0.75 0.00
UNION__PROCESSING_DRP 323587	29.73 -0.06 0.00	26.84 -0.03 0.00	26.84 -0.13 0.00	24.20 -0.24 0.00	24.25 -0.29 0.00	25.37 -0.26 0.00	27.37 -0.28 0.00	30.52 0.15 0.00	32.86 0.39 0.00	35.22 0.18 0.00	35.85 0.67 0.00	37.39 0.84 0.00	38.77 1.06 0.00	40.48 0.87 0.00	40.77 0.96 0.00	42.52 0.50 0.00	45.09 0.49 0.00	49.17 0.44 0.00	48.29 0.67 0.00	44.80 0.92 0.00	41.26 0.89 0.00	37.66 0.70 0.00	33.84 0.53 0.00	30.38 0.33 0.00
UPPER HUDSON__HYD 24058	31.54 1.76 0.00	28.51 1.64 0.00	28.62 1.65 0.00	25.92 1.47 0.00	26.11 1.57 0.00	27.22 1.59 0.00	29.58 1.91 -0.02	32.35 1.97 0.00	34.71 2.24 0.00	37.56 2.38 -0.14	37.46 2.29 0.00	38.92 2.37 0.00	39.64 1.92 0.00	41.67 2.06 0.00	41.72 1.91 0.00	44.08 2.06 0.00	46.70 2.10 0.00	51.12 2.39 0.00	50.14 2.52 0.00	46.38 2.50 0.00	43.32 2.95 0.00	39.73 2.77 0.00	35.47 2.16 0.00	31.64 1.59 0.00
UPPER RAQUET__HYD 24056	29.28 -0.51 0.00	26.65 -0.22 0.00	26.71 -0.27 0.00	24.20 -0.24 0.00	24.17 -0.37 0.00	25.22 -0.41 0.00	27.10 -0.55 0.00	29.73 -0.64 0.00	31.56 -0.91 0.00	34.13 -0.91 0.00	34.16 -1.02 0.00	35.24 -1.31 0.00	36.40 -1.32 0.00	38.26 -1.35 0.00	38.62 -1.19 0.00	40.67 -1.35 0.00	42.82 -1.79 0.00	46.93 -1.80 0.00	46.09 -1.53 0.00	42.38 -1.49 0.00	39.24 -1.13 0.00	36.03 -0.92 0.00	32.64 -0.67 0.00	29.69 -0.36 0.00
VALLEY44_115KV_TB2 355964	29.58 -0.21 0.00	26.71 -0.16 0.00	26.76 -0.22 0.00	24.11 -0.34 0.00	24.20 -0.34 0.00	25.37 -0.26 0.00	27.32 -0.33 0.00	30.65 0.27 0.00	32.89 0.42 0.00	35.25 0.21 0.00	35.95 0.77 0.00	37.57 1.02 0.00	38.96 1.24 0.00	40.32 0.71 0.00	40.73 0.92 0.00	42.48 0.46 0.00	45.09 0.49 0.00	49.02 0.29 0.00	48.14 0.52 0.00	44.53 0.66 0.00	40.98 0.61 0.00	37.43 0.48 0.00	33.61 0.30 0.00	30.41 0.36 0.00
VALLEY__115KV_TB 1-4 80826	29.94 0.15 0.00	26.87 0.00 0.00	26.98 0.00 0.00	24.45 0.00 0.00	24.54 0.00 0.00	25.66 0.03 0.00	27.84 0.19 0.00	30.59 0.21 0.00	32.76 0.29 0.00	35.39 0.35 0.00	35.53 0.35 0.00	36.88 0.33 0.00	38.02 0.30 0.00	39.93 0.32 0.00	40.05 0.24 0.00	42.19 0.17 0.00	44.74 0.13 0.00	48.93 0.19 0.00	47.86 0.24 0.00	44.05 0.18 0.00	40.53 0.16 0.00	37.06 0.11 0.00	33.41 0.10 0.00	30.14 0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.45 1.67 0.00	28.40 1.53 0.00	28.54 1.56 0.00	25.82 1.37 0.00	25.89 1.35 0.00	27.07 1.44 0.00	29.20 1.55 0.00	32.20 1.82 0.00	34.61 2.14 0.00	37.46 2.42 0.00	37.64 2.46 0.00	39.07 2.52 0.00	40.21 2.49 0.00	42.26 2.65 0.00	42.40 2.59 0.00	44.67 2.65 0.00	47.41 2.81 0.00	51.85 3.12 0.00	50.76 3.14 0.00	46.73 2.85 0.00	43.03 2.66 0.00	39.17 2.22 0.00	35.30 2.00 0.00	31.73 1.68 0.00
VISCHER__FERRY HYD 24020	31.33 1.55 0.00	28.21 1.34 0.00	28.35 1.38 0.00	25.72 1.27 0.00	25.84 1.30 0.00	26.99 1.36 0.00	29.26 1.55 -0.06	31.86 1.49 0.00	34.19 1.72 0.00	37.23 1.79 -0.40	36.90 1.72 0.00	38.38 1.83 0.00	39.49 1.77 0.00	41.51 1.90 0.00	41.56 1.75 0.00	44.12 2.10 0.00	46.79 2.19 0.00	51.07 2.34 0.00	49.81 2.19 0.00	45.90 2.02 0.00	42.39 2.02 0.00	38.91 1.96 0.00	35.00 1.70 0.00	31.37 1.32 0.00
V_A_10_SYNC_DSASP 323832	29.22 -0.57 0.00	26.39 -0.48 0.00	26.38 -0.59 0.00	23.81 -0.64 0.00	23.83 -0.71 0.00	24.99 -0.64 0.00	26.88 -0.77 0.00	30.07 -0.30 0.00	32.27 -0.19 0.00	34.55 -0.49 0.00	35.25 0.07 0.00	36.84 0.29 0.00	38.24 0.53 0.00	39.85 0.24 0.00	40.17 0.36 0.00	41.81 -0.21 0.00	44.38 -0.22 0.00	48.29 -0.44 0.00	47.48 -0.14 0.00	44.05 0.18 0.00	40.57 0.20 0.00	37.03 0.07 0.00	33.31 0.00 0.00	29.93 -0.12 0.00
V_CMM_10_SYNC_DSASP 323787	29.34 -0.45 0.00	26.58 -0.29 0.00	26.65 -0.32 0.00	24.18 -0.27 0.00	24.25 -0.29 0.00	25.32 -0.31 0.00	27.24 -0.41 0.00	29.95 -0.43 0.00	31.82 -0.65 0.00	34.34 -0.70 0.00	34.40 -0.77 0.00	35.71 -0.84 0.00	36.89 -0.83 0.00	38.74 -0.87 0.00	38.97 -0.84 0.00	41.14 -0.88 0.00	43.53 -1.07 0.00	47.61 -1.12 0.00	46.62 -1.00 0.00	42.91 -0.97 0.00	39.60 -0.77 0.00	36.25 -0.70 0.00	32.60 -0.70 0.00	29.60 -0.45 0.00
V_CMP_10_SYNC_DSASP 323788	29.91 0.12 0.00	27.14 0.27 0.00	27.19 0.21 0.00	24.67 0.22 0.00	24.79 0.25 0.00	25.94 0.31 0.00	28.23 0.58 0.00	31.10 0.73 0.00	33.02 0.55 0.00	35.67 0.63 0.00	35.67 0.49 0.00	36.99 0.44 0.00	38.36 0.64 0.00	40.24 0.63 0.00	40.65 0.84 0.00	42.86 0.84 0.00	45.31 0.71 0.00	49.51 0.78 0.00	48.62 1.00 0.00	44.71 0.83 0.00	41.42 1.05 0.00	37.95 1.00 0.00	33.94 0.63 0.00	30.74 0.69 0.00
V_E_10_SYNC_DSASP 323830	32.32 2.53 0.00	28.99 2.12 0.00	29.05 2.08 0.00	26.19 1.74 0.00	26.28 1.74 0.00	27.48 1.85 0.00	29.89 2.24 0.00	33.17 2.79 0.00	35.55 3.09 0.00	38.44 3.40 0.00	38.63 3.45 0.00	40.02 3.47 0.00	41.15 3.43 0.00	43.25 3.64 0.00	43.35 3.54 0.00	45.34 3.32 0.00	48.35 3.75 0.00	53.16 4.43 0.00	52.67 5.05 0.00	48.75 4.87 0.00	45.01 4.64 0.00	40.72 3.77 0.00	36.54 3.23 0.00	32.84 2.80 0.00
V_F_30_NSYNC__DSASP 323816	31.72 1.93 0.00	28.62 1.75 0.00	28.73 1.75 0.00	26.04 1.59 0.00	26.21 1.67 0.00	27.32 1.69 0.00	29.64 1.96 -0.03	32.38 2.00 0.00	34.74 2.27 0.00	37.60 2.38 -0.17	37.53 2.36 0.00	39.04 2.49 0.00	40.06 2.34 0.00	42.11 2.50 0.00	42.16 2.35 0.00	44.63 2.61 0.00	47.32 2.72 0.00	51.75 3.02 0.00	50.53 2.91 0.00	46.64 2.77 0.00	43.20 2.82 0.00	39.65 2.70 0.00	35.54 2.23 0.00	31.79 1.74 0.00
V_F_30_SYNC_DSASP 323786	30.80 1.01 0.00	27.76 0.89 0.00	27.92 0.94 0.00	25.30 0.86 0.00	25.42 0.88 0.00	26.55 0.92 0.00	28.67 1.05 0.03	31.31 0.94 0.00	33.64 1.17 0.00	36.16 1.30 0.18	36.37 1.20 0.00	37.83 1.28 0.00	38.96 1.24 0.00	41.00 1.39 0.00	41.01 1.19 0.00	43.49 1.47 0.00	46.16 1.56 0.00	50.39 1.66 0.00	49.05 1.43 0.00	45.15 1.27 0.00	41.62 1.25 0.00	38.25 1.29 0.00	34.51 1.20 0.00	30.95 0.90 0.00
V_XM_10_SYNC_DSASP 323789	29.91 0.12 0.00	27.14 0.27 0.00	27.19 0.21 0.00	24.67 0.22 0.00	24.79 0.25 0.00	25.94 0.31 0.00	28.23 0.58 0.00	31.10 0.73 0.00	33.02 0.55 0.00	35.67 0.63 0.00	35.67 0.49 0.00	36.99 0.44 0.00	38.36 0.64 0.00	40.24 0.63 0.00	40.65 0.84 0.00	42.86 0.84 0.00	45.31 0.71 0.00	49.51 0.78 0.00	48.62 1.00 0.00	44.71 0.83 0.00	41.42 1.05 0.00	37.95 1.00 0.00	33.94 0.63 0.00	30.74 0.69 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.69 1.91 0.00	28.40 1.53 0.00	28.57 1.59 0.00	25.87 1.42 0.00	25.92 1.37 0.00	27.07 1.44 0.00	29.31 1.66 0.00	32.23 1.85 0.00	34.67 2.21 0.00	37.49 2.45 0.00	37.43 2.25 0.00	38.85 2.30 0.00	40.02 2.30 0.00	42.15 2.54 0.00	42.44 2.63 0.00	45.05 3.03 0.00	47.90 3.30 0.00	52.19 3.46 0.00	50.72 3.10 0.00	46.60 2.72 0.00	42.71 2.34 0.00	39.21 2.25 0.00	35.54 2.23 0.00	31.82 1.77 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.02 2.23 0.00	28.64 1.77 0.00	28.86 1.89 0.00	26.11 1.66 0.00	26.11 1.57 0.00	27.30 1.67 0.00	29.56 1.91 0.00	32.59 2.22 0.00	35.10 2.63 0.00	37.95 2.91 0.00	37.82 2.64 0.00	39.22 2.67 0.00	40.36 2.64 0.00	42.54 2.93 0.00	42.84 3.03 0.00	45.51 3.49 0.00	48.35 3.75 0.00	52.58 3.85 0.00	51.10 3.48 0.00	46.90 3.03 0.00	42.95 2.58 0.00	39.35 2.40 0.00	35.84 2.53 0.00	32.09 2.04 0.00
W50THST__13_KV_LOAD 356117	32.20 2.41 0.00	28.81 1.93 0.00	29.03 2.05 0.00	26.26 1.81 0.00	26.26 1.72 0.00	27.45 1.82 0.00	29.75 2.10 0.00	32.83 2.46 0.00	35.39 2.92 0.00	38.26 3.22 0.00	38.13 2.95 0.00	39.55 3.00 0.00	40.70 2.98 0.00	42.86 3.25 0.00	43.20 3.38 0.00	45.89 3.87 0.00	48.75 4.15 0.00	53.02 4.29 0.00	51.48 3.86 0.00	47.25 3.38 0.00	43.24 2.87 0.00	39.58 2.62 0.00	36.04 2.73 0.00	32.30 2.25 0.00
WADING RIVER_IC_1 23522	44.04 3.51 -10.74	42.14 2.98 -12.28	38.42 3.15 -8.28	35.56 2.69 -8.43	35.22 2.65 -8.03	36.57 2.77 -8.17	33.37 3.34 -2.37	33.98 3.55 -0.06	36.71 4.19 -0.06	42.30 4.24 -3.02	47.70 3.83 -8.69	48.64 3.91 -8.18	53.93 3.85 -12.36	57.79 4.08 -14.10	64.82 4.14 -20.86	64.60 4.79 -17.79	68.09 4.99 -18.50	85.24 5.36 -31.15	83.85 5.00 -31.23	62.27 4.48 -13.91	60.44 4.24 -15.83	52.32 3.77 -11.60	45.06 3.76 -7.99	40.52 3.22 -7.26
WADING RIVER_IC_2 23547	44.04 3.51 -10.74	42.14 2.98 -12.28	38.42 3.15 -8.28	35.56 2.69 -8.43	35.22 2.65 -8.03	36.57 2.77 -8.17	33.37 3.34 -2.37	33.98 3.55 -0.06	36.71 4.19 -0.06	42.30 4.24 -3.02	47.70 3.83 -8.69	48.64 3.91 -8.18	53.93 3.85 -12.36	57.79 4.08 -14.10	64.82 4.14 -20.86	64.60 4.79 -17.79	68.09 4.99 -18.50	85.24 5.36 -31.15	83.85 5.00 -31.23	62.27 4.48 -13.91	60.44 4.24 -15.83	52.32 3.77 -11.60	45.06 3.76 -7.99	40.52 3.22 -7.26
WADING RIVER_IC_3 23601	44.04 3.51 -10.74	42.14 2.98 -12.28	38.42 3.15 -8.28	35.56 2.69 -8.43	35.22 2.65 -8.03	36.57 2.77 -8.17	33.37 3.34 -2.37	33.98 3.55 -0.06	36.71 4.19 -0.06	42.30 4.24 -3.02	47.70 3.83 -8.69	48.64 3.91 -8.18	53.93 3.85 -12.36	57.79 4.08 -14.10	64.82 4.14 -20.86	64.60 4.79 -17.79	68.09 4.99 -18.50	85.24 5.36 -31.15	83.85 5.00 -31.23	62.27 4.48 -13.91	60.44 4.24 -15.83	52.32 3.77 -11.60	45.06 3.76 -7.99	40.52 3.22 -7.26
WALDENNY_I2_KV_BK2 80841	29.79 0.00 0.00	26.82 -0.05 0.00	26.90 -0.08 0.00	24.18 -0.27 0.00	24.27 -0.27 0.00	25.43 -0.21 0.00	27.35 -0.30 0.00	30.74 0.36 0.00	33.05 0.58 0.00	35.39 0.35 0.00	36.16 0.98 0.00	37.87 1.32 0.00	39.30 1.58 0.00	40.88 1.27 0.00	41.28 1.47 0.00	42.99 0.97 0.00	45.54 0.94 0.00	49.56 0.83 0.00	48.72 1.10 0.00	45.15 1.27 0.00	41.54 1.17 0.00	37.91 0.96 0.00	34.07 0.77 0.00	30.62 0.57 0.00
WALDEN__HYDRO 24148	31.51 1.73 0.00	28.24 1.37 0.00	28.41 1.43 0.00	25.72 1.27 0.00	25.79 1.25 0.00	26.91 1.28 0.00	29.14 1.49 0.00	31.92 1.55 0.00	34.32 1.85 0.00	36.97 1.93 0.00	36.97 1.79 0.00	38.41 1.86 0.00	39.60 1.89 0.00	41.63 2.02 0.00	41.92 2.11 0.00	44.54 2.52 0.00	47.37 2.77 0.00	51.70 2.97 0.00	50.33 2.71 0.00	46.33 2.46 0.00	42.51 2.14 0.00	39.10 2.14 0.00	35.30 2.00 0.00	31.64 1.59 0.00
WARRENSBURG____ 23737	31.54 1.76 0.00	28.51 1.64 0.00	28.62 1.65 0.00	25.92 1.47 0.00	26.11 1.57 0.00	27.22 1.59 0.00	29.58 1.91 -0.02	32.35 1.97 0.00	34.71 2.24 0.00	37.56 2.38 -0.14	37.46 2.29 0.00	38.92 2.37 0.00	39.64 1.92 0.00	41.67 2.06 0.00	41.72 1.91 0.00	44.08 2.06 0.00	46.70 2.10 0.00	51.12 2.39 0.00	50.14 2.52 0.00	46.38 2.50 0.00	43.32 2.95 0.00	39.73 2.77 0.00	35.47 2.16 0.00	31.64 1.59 0.00
WATERSIDE__6 8 9 23538	32.11 2.32 0.00	28.70 1.83 0.00	28.92 1.94 0.00	26.14 1.69 0.00	26.14 1.60 0.00	27.25 1.61 0.00	29.53 1.88 0.00	32.56 2.19 0.00	35.06 2.60 0.00	37.88 2.84 0.00	37.74 2.57 0.00	39.11 2.56 0.00	40.24 2.53 0.00	42.38 2.77 0.00	42.76 2.95 0.00	45.38 3.36 0.00	48.17 3.57 0.00	52.38 3.65 0.01	50.81 3.19 0.00	46.73 2.85 0.00	42.79 2.42 0.00	39.35 2.40 0.01	35.90 2.60 0.00	32.18 2.13 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.91 0.12 0.00	26.90 0.03 0.00	27.00 0.03 0.00	24.47 0.02 0.00	24.57 0.02 0.00	25.66 0.03 0.00	27.79 0.14 0.00	30.49 0.12 0.00	32.66 0.19 0.00	35.25 0.21 0.00	35.42 0.25 0.00	36.77 0.22 0.00	37.91 0.19 0.00	39.81 0.20 0.00	39.97 0.16 0.00	42.19 0.17 0.00	44.78 0.18 0.00	48.93 0.19 0.00	47.86 0.24 0.00	44.10 0.22 0.00	40.57 0.20 0.00	37.10 0.15 0.00	33.44 0.13 0.00	30.14 0.09 0.00
WATSON__69_KV_BK 1 55734	44.28 3.78 -10.71	42.45 3.31 -12.28	38.57 3.32 -8.28	35.83 2.96 -8.43	35.49 2.92 -8.03	36.85 3.05 -8.17	33.50 3.48 -2.37	34.26 3.86 -0.03	36.85 4.35 -0.03	42.80 4.77 -2.99	48.43 4.57 -8.68	49.27 4.57 -8.15	52.92 4.56 -10.64	58.56 4.87 -14.07	66.07 5.02 -21.24	64.46 5.50 -16.94	69.03 5.93 -18.49	77.08 6.29 -22.06	73.75 5.90 -20.23	68.24 5.44 -18.92	60.56 4.88 -15.30	52.83 4.47 -11.41	45.76 4.46 -7.99	40.97 3.67 -7.26
WDELAWARE__HYD 323627	31.60 1.82 0.00	28.21 1.34 0.00	28.35 1.38 0.00	25.67 1.22 0.00	25.72 1.18 0.00	26.86 1.23 0.00	29.12 1.46 0.00	31.92 1.55 0.00	34.35 1.88 0.00	37.00 1.96 0.00	37.04 1.86 0.00	38.49 1.94 0.00	39.68 1.96 0.00	41.71 2.10 0.00	42.04 2.23 0.00	44.58 2.56 0.00	47.46 2.86 0.00	51.85 3.12 0.00	50.53 2.91 0.00	46.51 2.63 0.00	42.63 2.26 0.00	39.21 2.25 0.00	35.41 2.10 0.00	31.73 1.68 0.00
WEST BABYLON__IC 23714	44.02 3.54 -10.69	42.15 3.01 -12.27	38.30 3.05 -8.28	35.59 2.71 -8.43	35.24 2.67 -8.03	36.60 2.79 -8.17	33.22 3.21 -2.36	33.93 3.55 -0.01	36.50 4.03 -0.01	42.43 4.42 -2.97	48.08 4.22 -8.68	48.92 4.24 -8.13	51.19 4.15 -9.32	58.10 4.44 -14.05	64.77 4.62 -20.34	63.40 5.08 -16.29	68.53 5.44 -18.48	73.31 5.75 -18.83	64.90 5.43 -11.85	61.69 5.00 -12.81	54.24 4.44 -9.43	50.61 4.18 -9.48	45.46 4.16 -7.99	40.73 3.43 -7.26
WEST CANADA__HYD 24049	29.85 0.06 0.00	26.92 0.05 0.00	27.03 0.05 0.00	24.50 0.05 0.00	24.59 0.05 0.00	25.68 0.05 0.00	27.73 0.08 0.00	30.43 0.06 0.00	32.56 0.10 0.00	35.15 0.11 0.00	35.28 0.11 0.00	36.66 0.11 0.00	37.83 0.11 0.00	39.73 0.12 0.00	39.97 0.16 0.00	42.19 0.17 0.00	44.78 0.18 0.00	48.93 0.20 0.00	47.81 0.19 0.00	44.05 0.18 0.00	40.53 0.16 0.00	37.06 0.11 0.00	33.41 0.10 0.00	30.11 0.06 0.00



WESTERN_NY_WIND 24143	30.05 0.27 0.00	27.22 0.35 0.00	27.08 0.11 0.00	24.40 -0.05 0.00	24.42 -0.12 0.00	25.73 0.10 0.00	27.71 0.06 0.00	31.01 0.64 0.00	33.37 0.91 0.00	36.37 1.33 0.00	36.72 1.55 0.00	38.12 1.57 0.00	39.53 1.81 0.00	41.39 1.78 0.00	41.48 1.67 0.00	43.11 1.09 0.00	45.72 1.12 0.00	49.85 1.12 0.00	49.10 1.48 0.00	45.63 1.76 0.00	42.11 1.73 0.00	38.43 1.48 0.00	34.87 1.57 0.00	31.28 1.23 0.00
WESTOVER___LESR 323668	30.17 0.39 0.00	27.19 0.32 0.00	27.27 0.30 0.00	24.67 0.22 0.00	24.79 0.25 0.00	25.91 0.28 0.00	27.98 0.33 0.00	30.92 0.55 0.00	33.15 0.68 0.00	35.71 0.67 0.00	36.02 0.84 0.00	37.54 0.99 0.00	38.85 1.13 0.00	40.64 1.03 0.00	40.93 1.11 0.00	42.99 0.97 0.00	45.67 1.07 0.00	49.85 1.12 0.00	48.86 1.24 0.00	45.06 1.18 0.00	41.42 1.05 0.00	37.84 0.89 0.00	34.04 0.73 0.00	30.65 0.60 0.00
WETHRSFD_WT_PWR 323626	29.79 0.00 0.00	26.90 0.03 0.00	26.92 -0.05 0.00	24.28 -0.17 0.00	24.32 -0.22 0.00	25.55 -0.08 0.00	27.49 -0.16 0.00	30.74 0.37 0.00	33.02 0.55 0.00	35.92 0.88 0.00	36.27 1.09 0.00	37.72 1.17 0.00	39.04 1.32 0.00	40.80 1.19 0.00	40.97 1.16 0.00	42.69 0.67 0.00	45.36 0.76 0.00	49.41 0.68 0.00	48.57 0.95 0.00	45.01 1.14 0.00	41.38 1.01 0.00	37.76 0.81 0.00	34.24 0.93 0.00	30.74 0.69 0.00
WHAVSTOR_138KV_BK127 55557	31.57 1.79 0.00	28.29 1.42 0.00	28.49 1.51 0.00	25.79 1.34 0.00	25.84 1.30 0.00	26.99 1.36 0.00	29.23 1.58 0.00	32.10 1.73 0.00	34.54 2.08 0.00	37.35 2.31 0.00	37.29 2.11 0.00	38.71 2.16 0.00	39.87 2.15 0.00	41.99 2.38 0.00	42.24 2.43 0.00	44.84 2.82 0.00	47.68 3.08 0.00	51.90 3.17 0.00	50.48 2.86 0.00	46.38 2.50 0.00	42.51 2.14 0.00	38.99 2.03 0.00	35.37 2.06 0.00	31.70 1.65 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.57 1.79 0.00	28.29 1.42 0.00	28.49 1.51 0.00	25.79 1.34 0.00	25.84 1.30 0.00	26.99 1.36 0.00	29.23 1.58 0.00	32.10 1.73 0.00	34.54 2.08 0.00	37.35 2.31 0.00	37.29 2.11 0.00	38.71 2.16 0.00	39.87 2.15 0.00	41.99 2.38 0.00	42.24 2.43 0.00	44.84 2.82 0.00	47.68 3.08 0.00	51.90 3.17 0.00	50.48 2.86 0.00	46.38 2.50 0.00	42.51 2.14 0.00	38.99 2.03 0.00	35.37 2.06 0.00	31.70 1.65 0.00
WHITEHAL_115KV_TB1 80871	32.44 2.65 0.00	29.32 2.45 0.00	29.43 2.45 0.00	26.58 2.13 0.00	26.85 2.31 0.00	28.01 2.38 0.00	30.52 2.85 -0.02	33.44 3.07 0.00	35.81 3.34 0.00	38.87 3.68 -0.15	38.76 3.59 0.00	40.31 3.76 0.00	41.04 3.32 0.00	43.25 3.64 0.00	43.12 3.30 0.00	45.51 3.49 0.00	48.26 3.66 0.00	52.92 4.19 0.00	51.86 4.24 0.00	48.04 4.17 0.00	44.89 4.52 0.00	41.17 4.21 0.00	36.87 3.56 0.00	32.81 2.76 0.00
WHITEPLN_13_KV_LOAD 356215	32.17 2.38 0.00	28.67 1.80 0.00	28.86 1.89 0.00	26.14 1.69 0.00	26.19 1.64 0.00	27.35 1.72 0.00	29.72 2.07 0.00	32.83 2.46 0.00	35.36 2.89 0.00	38.23 3.19 0.00	38.17 2.99 0.00	39.66 3.11 0.00	40.85 3.13 0.00	43.06 3.45 0.00	43.36 3.54 0.00	46.01 3.99 0.00	49.02 4.42 0.00	53.36 4.63 0.00	51.86 4.24 0.00	47.61 3.73 0.00	43.48 3.11 0.00	39.72 2.77 0.00	36.00 2.70 0.00	32.24 2.19 0.00
WM_FLOYD_69_KV_BK2 356380	44.13 3.60 -10.74	42.24 3.09 -12.28	38.44 3.18 -8.28	35.66 2.79 -8.43	35.29 2.72 -8.03	36.68 2.87 -8.17	33.40 3.37 -2.37	34.08 3.64 -0.06	36.71 4.19 -0.06	42.58 4.52 -3.02	47.98 4.12 -8.69	48.82 4.09 -8.18	54.17 4.04 -12.41	58.03 4.32 -14.10	65.11 4.38 -20.92	64.80 4.96 -17.82	68.41 5.31 -18.50	80.75 5.65 -26.37	84.49 5.29 -31.58	62.63 4.74 -14.02	60.77 4.40 -16.00	52.60 3.99 -11.65	45.33 4.03 -7.99	40.64 3.34 -7.26
WOODARD___115KV_TB2 355635	29.49 -0.30 0.00	26.58 -0.30 0.00	26.65 -0.32 0.00	24.11 -0.34 0.00	24.22 -0.32 0.00	25.30 -0.33 0.00	27.32 -0.33 0.00	30.13 -0.24 0.00	32.30 -0.16 0.00	34.86 -0.18 0.00	35.14 -0.04 0.00	36.59 0.04 0.00	37.83 0.11 0.00	39.61 0.00 0.00	39.85 0.04 0.00	41.85 -0.17 0.00	44.51 -0.09 0.00	48.63 -0.10 0.00	47.57 -0.05 0.00	43.88 0.00 0.00	40.37 0.00 0.00	36.88 -0.07 0.00	33.17 -0.13 0.00	29.87 -0.18 0.00
YORK___WARBASSE 23770	32.33 2.53 -0.01	28.86 1.99 0.00	29.05 2.08 0.00	26.23 1.78 0.00	26.21 1.67 0.00	27.30 1.67 0.00	29.53 1.88 0.00	32.62 2.25 0.00	35.19 2.73 0.00	38.09 3.05 0.00	37.92 2.74 0.00	39.33 2.78 0.00	40.47 2.75 0.00	42.58 2.97 0.00	42.96 3.15 0.00	45.63 3.61 0.00	48.48 3.88 0.00	52.83 4.04 -0.06	51.19 3.57 0.00	47.03 3.16 0.00	43.03 2.66 0.00	39.71 2.70 -0.06	36.15 2.83 -0.02	32.39 2.34 0.00