

# Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion												
Generator Data		08/02/2025																																
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	41.34	37.14	33.16	30.83	31.16	31.37	33.74	34.32	32.32	31.98	31.01	32.09	33.47	35.45	37.62	40.58	47.88	57.22	63.73	61.71	55.98	48.67	44.44	39.23									
		2.38	2.04	1.76	1.58	1.54	1.58	1.91	2.13	2.11	2.20	2.24	2.35	2.54	2.53	2.66	2.90	3.38	3.49	3.55	3.38	3.22	2.93	2.87	2.36									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.34	37.14	33.16	30.83	31.16	31.37	33.74	34.29	32.29	31.95	30.98	32.06	33.44	35.45	37.62	40.58	47.88	57.17	63.67	61.65	55.98	48.67	44.44	39.23									
		2.38	2.04	1.76	1.58	1.54	1.58	1.91	2.09	2.08	2.17	2.21	2.32	2.51	2.53	2.66	2.90	3.38	3.44	3.49	3.32	3.22	2.93	2.87	2.36									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.34	37.14	33.16	30.83	31.16	31.37	33.74	34.29	32.29	31.95	30.98	32.06	33.44	35.45	37.62	40.58	47.88	57.17	63.67	61.65	55.98	48.67	44.44	39.23									
		2.38	2.04	1.76	1.58	1.54	1.58	1.91	2.09	2.08	2.17	2.21	2.32	2.51	2.53	2.66	2.90	3.38	3.44	3.49	3.32	3.22	2.93	2.87	2.36									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.45	36.47	32.66	30.27	30.75	30.95	33.07	33.42	31.51	30.84	29.45	30.39	31.58	33.80	35.98	38.16	45.34	54.91	62.70	61.07	55.77	48.16	43.90	38.76									
		1.48	1.37	1.26	1.02	1.13	1.16	1.24	1.22	1.30	1.07	0.69	0.65	0.65	0.89	1.01	0.49	0.85	1.18	2.53	2.74	3.01	2.42	2.33	1.88									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK RESOURCE___RCVRY	23798	40.45	36.47	32.60	30.21	30.72	30.92	33.04	33.36	30.84	30.16	28.76	29.68	30.90	33.04	35.24	38.09	45.34	54.91	62.89	61.30	55.98	48.30	44.03	38.86									
		1.48	1.37	1.19	0.96	1.10	1.13	1.21	1.16	0.64	0.39	0.00	-0.06	-0.03	0.13	0.28	0.42	0.84	1.18	2.71	2.97	3.22	2.56	2.45	1.99									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.45	36.47	32.66	30.27	30.75	30.95	33.07	33.42	31.51	30.84	29.45	30.39	31.58	33.80	35.98	38.16	45.34	54.91	62.70	61.07	55.77	48.16	43.90	38.76									
		1.48	1.37	1.26	1.02	1.13	1.16	1.24	1.22	1.30	1.07	0.69	0.65	0.65	0.89	1.01	0.49	0.85	1.18	2.53	2.74	3.01	2.42	2.33	1.88									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK_NYS___DAM	23527	40.84	36.79	32.69	30.48	30.87	31.04	33.10	33.74	31.33	30.70	29.63	30.54	31.86	33.87	36.08	38.88	46.14	55.77	62.59	60.78	55.30	48.07	43.82	38.68									
		1.87	1.68	1.29	1.23	1.24	1.25	1.27	1.55	1.12	0.92	0.86	0.80	0.93	0.96	1.12	1.21	1.65	2.04	2.41	2.45	2.53	2.33	2.24	1.81									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
AIR_PRODUCTS___DRP	24190	39.59	35.63	31.88	29.66	29.92	30.09	32.11	32.58	30.39	29.86	28.82	29.74	31.00	32.98	35.00	37.71	44.67	53.89	60.48	58.68	53.29	46.24	42.16	37.21									
		0.62	0.53	0.47	0.41	0.30	0.30	0.29	0.39	0.18	0.09	0.06	0.00	0.06	0.07	0.03	0.04	0.18	0.16	0.30	0.35	0.53	0.50	0.58	0.33									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.24	35.35	31.63	29.34	29.77	29.94	32.02	32.26	30.36	29.95	28.97	29.95	31.09	33.01	35.03	37.67	44.41	53.68	60.30	58.44	52.61	45.60	41.45	36.73									
		0.27	0.25	0.22	0.09	0.15	0.15	0.19	0.06	0.15	0.18	0.20	0.21	0.15	0.10	0.07	0.00	-0.09	-0.05	0.12	0.12	-0.16	-0.14	-0.12	-0.15									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY_1_SOLAR	323833	40.17	36.16	32.28	30.07	30.42	30.59	32.62	32.91	30.48	29.83	28.76	29.71	30.93	32.98	35.07	37.90	44.99	54.32	61.38	59.84	54.40	47.20	42.99	38.02									
		1.21	1.05	0.88	0.82	0.80	0.80	0.80	0.71	0.27	0.06	0.00	-0.03	0.00	0.07	0.11	0.23	0.49	0.59	1.20	1.51	1.64	1.46	1.41	1.14									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY_2_SOLAR	323834	40.17	36.16	32.28	30.07	30.42	30.59	32.62	32.91	30.48	29.83	28.76	29.68	30.93	32.98	35.07	37.90	44.99	54.32	61.38	59.79	54.40	47.16	42.99	37.98									
		1.21	1.05	0.88	0.82	0.80	0.80	0.80	0.71	0.27	0.06	0.00	-0.06	0.00	0.07	0.11	0.23	0.49	0.59	1.20	1.46	1.64	1.42	1.41	1.11									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.59	35.63	31.88	29.66	29.92	30.09	32.11	32.58	30.39	29.86	28.82	29.74	31.00	32.98	35.00	37.71	44.67	53.89	60.48	58.68	53.29	46.24	42.16	37.21									
		0.62	0.53	0.47	0.41	0.30	0.30	0.29	0.39	0.18	0.09	0.06	0.00	0.06	0.07	0.03	0.04	0.18	0.16	0.30	0.35	0.53	0.50	0.58	0.33									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.59 0.62 0.00	35.63 0.53 0.00	31.88 0.47 0.00	29.66 0.41 0.00	29.92 0.30 0.00	30.09 0.30 0.00	32.11 0.29 0.00	32.58 0.39 0.00	30.39 0.18 0.00	29.86 0.09 0.00	28.82 0.06 0.00	29.74 0.00 0.00	31.00 0.06 0.00	32.98 0.07 0.00	35.00 0.03 0.00	37.71 0.04 0.00	44.67 0.18 0.00	53.89 0.16 0.00	60.48 0.30 0.00	58.68 0.35 0.00	53.29 0.53 0.00	46.24 0.50 0.00	42.16 0.58 0.00	37.21 0.33 0.00
ALBANY___3 23573	39.59 0.62 0.00	35.63 0.53 0.00	31.88 0.47 0.00	29.66 0.41 0.00	29.92 0.30 0.00	30.09 0.30 0.00	32.11 0.29 0.00	32.58 0.39 0.00	30.39 0.18 0.00	29.86 0.09 0.00	28.82 0.06 0.00	29.74 0.00 0.00	31.00 0.06 0.00	32.98 0.07 0.00	35.00 0.03 0.00	37.71 0.04 0.00	44.67 0.18 0.00	53.89 0.16 0.00	60.48 0.30 0.00	58.68 0.35 0.00	53.29 0.53 0.00	46.24 0.50 0.00	42.16 0.58 0.00	37.21 0.33 0.00
ALBANY___4 23574	39.59 0.62 0.00	35.63 0.53 0.00	31.88 0.47 0.00	29.66 0.41 0.00	29.92 0.30 0.00	30.09 0.30 0.00	32.11 0.29 0.00	32.58 0.39 0.00	30.39 0.18 0.00	29.86 0.09 0.00	28.82 0.06 0.00	29.74 0.00 0.00	31.00 0.06 0.00	32.98 0.07 0.00	35.00 0.03 0.00	37.71 0.04 0.00	44.67 0.18 0.00	53.89 0.16 0.00	60.48 0.30 0.00	58.68 0.35 0.00	53.29 0.53 0.00	46.24 0.50 0.00	42.16 0.58 0.00	37.21 0.33 0.00
ALBANY___LFGE 323615	39.90 0.93 0.00	35.91 0.81 0.00	32.03 0.63 0.00	29.83 0.58 0.00	30.12 0.50 0.00	30.30 0.51 0.00	32.33 0.51 0.00	32.81 0.61 0.00	30.57 0.36 0.00	30.04 0.27 0.00	28.99 0.23 0.00	29.92 0.18 0.00	31.21 0.28 0.00	33.21 0.30 0.00	35.31 0.35 0.00	38.05 0.38 0.00	45.12 0.62 0.00	54.38 0.65 0.00	61.14 0.96 0.00	59.32 0.99 0.00	53.88 1.11 0.00	46.74 1.00 0.00	42.61 1.04 0.00	37.61 0.74 0.00
ALCOA_PA_115KV_PL-6C 55860	39.59 0.62 0.00	35.70 0.60 0.00	31.91 0.50 0.00	29.54 0.29 0.00	30.01 0.39 0.00	30.18 0.39 0.00	32.30 0.48 0.00	32.49 0.29 0.00	30.57 0.36 0.00	30.16 0.39 0.00	29.14 0.37 0.00	30.15 0.42 0.00	31.28 0.34 0.00	33.21 0.30 0.00	35.24 0.28 0.00	37.94 0.26 0.00	44.67 0.18 0.00	54.05 0.32 0.00	60.78 0.60 0.00	58.97 0.64 0.00	53.08 0.32 0.00	46.01 0.27 0.00	41.78 0.21 0.00	37.02 0.15 0.00
ALCOA_RYNLDS___DRP 24188	39.59 0.62 0.00	35.70 0.60 0.00	31.91 0.50 0.00	29.54 0.29 0.00	30.01 0.39 0.00	30.18 0.39 0.00	32.30 0.48 0.00	32.49 0.29 0.00	30.57 0.36 0.00	30.16 0.39 0.00	29.14 0.37 0.00	30.15 0.42 0.00	31.28 0.34 0.00	33.21 0.30 0.00	35.24 0.28 0.00	37.94 0.26 0.00	44.67 0.18 0.00	54.05 0.32 0.00	60.78 0.60 0.00	58.97 0.64 0.00	53.08 0.32 0.00	46.01 0.27 0.00	41.78 0.21 0.00	37.02 0.15 0.00
ALCOA___DSASP 323711	39.59 0.62 0.00	35.70 0.60 0.00	31.91 0.50 0.00	29.54 0.29 0.00	30.01 0.38 0.00	30.18 0.39 0.00	32.27 0.45 0.00	32.49 0.29 0.00	30.57 0.36 0.00	30.16 0.39 0.00	29.14 0.37 0.00	30.10 0.36 0.00	31.28 0.34 0.00	33.21 0.30 0.00	35.24 0.28 0.00	37.94 0.27 0.00	44.68 0.18 0.00	54.06 0.32 0.00	60.78 0.60 0.00	58.91 0.58 0.00	53.08 0.32 0.00	46.01 0.28 0.00	41.78 0.21 0.00	37.02 0.15 0.00
ALLEGHENY___COGEN 23514	40.53 1.56 0.00	36.44 1.33 0.00	32.53 1.13 0.00	30.60 1.35 0.00	30.87 1.24 0.00	31.04 1.25 0.00	32.91 1.08 0.00	32.88 0.68 0.00	30.33 0.12 0.00	29.74 -0.03 0.00	28.36 -0.40 0.00	29.38 -0.36 0.00	30.78 -0.15 0.00	32.81 -0.10 0.00	35.00 0.04 0.00	37.83 0.15 0.00	44.72 0.22 0.00	55.07 1.34 0.00	61.74 1.56 0.00	60.66 2.34 0.00	55.88 3.11 0.00	48.12 2.38 0.00	43.40 1.83 0.00	39.20 2.32 0.00
ALTAMONT_115KV_TB 2 55880	39.82 0.86 0.00	35.84 0.74 0.00	32.10 0.69 0.00	29.86 0.61 0.00	30.21 0.59 0.00	30.39 0.60 0.00	32.46 0.64 0.00	32.91 0.71 0.00	30.69 0.48 0.00	30.19 0.42 0.00	29.14 0.37 0.00	30.09 0.36 0.00	31.34 0.40 0.00	33.34 0.43 0.00	35.42 0.45 0.00	38.20 0.53 0.00	45.21 0.71 0.00	54.54 0.81 0.00	61.14 0.96 0.00	59.38 1.05 0.00	53.87 1.11 0.00	46.79 1.05 0.00	42.61 1.04 0.00	37.65 0.77 0.00
ALTONA_WT_PWR 323606	39.82 0.86 0.00	35.88 0.77 0.00	32.07 0.66 0.00	29.75 0.50 0.00	30.18 0.56 0.00	30.33 0.54 0.00	32.40 0.57 0.00	32.65 0.45 0.00	30.72 0.51 0.00	30.31 0.54 0.00	29.28 0.52 0.00	30.24 0.51 0.00	31.43 0.49 0.00	33.34 0.43 0.00	35.35 0.39 0.00	38.01 0.34 0.00	44.81 0.31 0.00	54.21 0.48 0.00	60.96 0.78 0.00	59.08 0.76 0.00	53.14 0.37 0.00	45.88 0.14 0.00	41.53 -0.04 0.00	36.69 -0.18 0.00
AMERICAN_REF_FUEL 24010	37.99 -0.97 0.00	34.37 -0.74 0.00	30.90 -0.50 0.00	29.28 0.03 0.00	29.15 -0.48 0.00	29.28 -0.51 0.00	30.87 -0.95 0.00	31.68 -0.52 0.00	29.46 -0.75 0.00	29.12 -0.66 0.00	27.84 -0.92 0.00	28.94 -0.80 0.00	30.47 -0.46 0.00	32.58 -0.33 0.00	34.83 -0.14 0.00	37.49 -0.19 0.00	43.70 -0.80 0.00	52.98 -0.75 0.00	57.53 -2.65 0.00	55.53 -2.80 0.00	50.76 -2.01 0.00	43.73 -2.01 0.00	39.70 -1.87 0.00	37.39 0.52 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.04 0.08 0.00	35.35 0.25 0.00	31.37 -0.03 0.00	29.69 0.44 0.00	29.95 0.33 0.00	30.15 0.36 0.00	31.89 0.06 0.00	32.33 0.13 0.00	30.18 -0.03 0.00	30.16 0.39 0.00	28.94 0.17 0.00	30.12 0.39 0.00	31.77 0.84 0.00	33.96 1.05 0.00	36.26 1.29 0.00	39.03 1.35 0.00	45.56 1.07 0.00	55.23 1.50 0.00	60.18 0.00 0.00	58.27 -0.06 0.00	53.14 0.37 0.00	45.74 0.00 0.00	41.37 -0.21 0.00	38.13 1.25 0.00
ARTHUR KILL_GT_1 23520	41.81 2.84 0.00	37.56 2.46 0.00	33.51 2.10 0.00	31.15 1.90 0.00	31.49 1.87 0.00	31.67 1.88 0.00	33.90 2.07 0.00	34.23 2.03 0.00	32.14 1.93 0.00	31.98 2.20 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.51 2.60 0.00	37.73 2.76 0.00	40.76 3.09 0.00	48.28 3.78 0.00	57.23 3.49 -0.01	63.43 3.25 0.00	61.48 3.15 0.00	55.77 3.01 0.00	48.99 3.25 0.00	44.90 3.33 0.00	39.68 2.80 0.00
ARTHUR_KILL_2 23512	41.70 2.73 -0.01	37.47 2.35 -0.01	33.36 1.95 -0.01	31.01 1.75 -0.01	31.32 1.69 -0.01	31.50 1.70 -0.01	33.70 1.88 0.00	34.03 1.83 0.00	31.99 1.78 0.00	31.83 2.05 0.00	30.78 2.01 -0.01	31.92 2.17 -0.01	33.36 2.41 -0.01	35.45 2.53 -0.01	37.63 2.66 -0.01	40.66 2.98 -0.01	48.06 3.56 0.00	57.02 3.28 -0.01	63.24 3.07 0.00	61.23 2.92 0.01	55.56 2.79 0.00	48.80 3.06 0.00	44.74 3.16 -0.01	39.57 2.69 -0.01
ARTHUR_KILL_3 23513	40.91 1.95 0.00	36.76 1.65 0.00	32.72 1.32 0.00	30.42 1.17 0.00	30.72 1.10 0.00	30.95 1.16 0.00	33.29 1.46 0.00	33.87 1.67 0.00	31.96 1.75 0.00	31.62 1.85 0.00	30.63 1.87 0.00	31.76 2.02 0.00	33.19 2.26 0.00	35.18 2.27 0.00	37.31 2.34 0.00	40.24 2.56 0.00	47.43 2.94 0.00	56.58 2.85 0.00	63.01 2.83 0.00	60.95 2.63 0.00	55.35 2.58 0.00	48.21 2.47 0.00	43.98 2.41 0.00	38.83 1.95 0.00

ARTHUR_KILL_COGEN 323718	41.82 2.84 -0.01	37.57 2.46 -0.01	33.45 2.04 -0.01	31.10 1.84 -0.01	31.41 1.78 -0.01	31.59 1.79 -0.01	33.80 1.97 0.00	34.13 1.93 0.00	32.08 1.87 0.00	31.92 2.14 0.00	30.87 2.10 -0.01	32.00 2.26 -0.01	33.48 2.54 -0.01	35.55 2.63 -0.01	37.77 2.80 -0.01	40.77 3.09 -0.01	48.23 3.74 0.00	57.23 3.49 -0.01	63.42 3.25 0.00	61.41 3.09 0.01	55.77 3.01 0.00	48.99 3.25 0.00	44.87 3.28 -0.01	39.68 2.80 -0.01
ASHOKAN____ 23654	40.84 1.87 0.00	36.69 1.58 0.00	32.60 1.19 0.00	30.33 1.08 0.00	30.75 1.13 0.00	30.74 0.95 0.00	32.94 1.11 0.00	33.16 0.97 0.00	30.78 0.57 0.00	30.19 0.42 0.00	29.17 0.40 0.00	30.10 0.36 0.00	31.46 0.53 0.00	33.60 0.69 0.00	35.73 0.77 0.00	38.65 0.98 0.00	46.05 1.56 0.00	55.72 1.99 0.00	62.89 2.71 0.00	61.18 2.86 0.00	55.61 2.85 0.00	48.16 2.42 0.00	43.78 2.20 0.00	38.68 1.81 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.31 2.34 -0.01	37.08 1.96 -0.01	32.98 1.57 -0.01	30.66 1.40 -0.01	30.96 1.33 -0.01	31.23 1.43 -0.01	33.48 1.65 0.00	33.87 1.67 0.00	31.90 1.69 0.00	31.74 1.96 0.00	30.81 2.04 -0.01	31.92 2.17 -0.01	33.36 2.41 -0.01	35.42 2.50 -0.01	37.63 2.66 -0.01	40.58 2.90 -0.01	47.74 3.25 0.00	56.31 2.58 0.00	62.40 2.23 0.01	60.42 2.10 0.01	54.92 2.16 0.01	48.39 2.65 0.00	44.28 2.70 -0.01	39.17 2.29 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	41.31 2.34 -0.01	37.08 1.96 -0.01	32.98 1.57 -0.01	30.66 1.40 -0.01	30.96 1.33 -0.01	31.23 1.43 -0.01	33.48 1.65 0.00	33.87 1.67 0.00	31.90 1.69 0.00	31.74 1.96 0.00	30.81 2.04 -0.01	31.92 2.17 -0.01	33.36 2.41 -0.01	35.42 2.50 -0.01	37.63 2.66 -0.01	40.58 2.90 -0.01	47.74 3.25 0.00	56.31 2.58 0.00	62.40 2.23 0.01	60.42 2.10 0.01	54.92 2.16 0.01	48.39 2.65 0.00	44.28 2.70 -0.01	39.17 2.29 -0.01
ASTORIA_GT2_1 24094	41.34 2.38 0.00	37.11 2.00 0.00	33.07 1.66 0.00	30.74 1.49 0.00	31.07 1.45 0.00	31.34 1.55 0.00	33.61 1.78 0.00	34.00 1.80 0.00	31.99 1.78 0.00	31.80 2.02 0.00	30.89 2.13 0.00	31.97 2.23 0.00	33.35 2.41 0.00	35.41 2.50 0.00	37.62 2.66 0.00	40.58 2.90 0.00	47.83 3.34 0.00	56.42 2.69 0.00	62.46 2.29 0.00	60.48 2.16 0.00	54.93 2.16 0.00	48.44 2.70 0.00	44.36 2.79 0.00	39.20 2.32 0.00
ASTORIA_GT2_2 24095	41.34 2.38 0.00	37.11 2.00 0.00	33.07 1.66 0.00	30.74 1.49 0.00	31.07 1.45 0.00	31.34 1.55 0.00	33.61 1.78 0.00	34.00 1.80 0.00	31.99 1.78 0.00	31.80 2.02 0.00	30.89 2.13 0.00	31.97 2.23 0.00	33.35 2.41 0.00	35.41 2.50 0.00	37.62 2.66 0.00	40.58 2.90 0.00	47.83 3.34 0.00	56.42 2.69 0.00	62.46 2.29 0.00	60.48 2.16 0.00	54.93 2.16 0.00	48.44 2.70 0.00	44.36 2.79 0.00	39.20 2.32 0.00
ASTORIA_GT2_3 24096	41.34 2.38 0.00	37.11 2.00 0.00	33.07 1.66 0.00	30.74 1.49 0.00	31.07 1.45 0.00	31.34 1.55 0.00	33.61 1.78 0.00	34.00 1.80 0.00	31.99 1.78 0.00	31.80 2.02 0.00	30.89 2.13 0.00	31.97 2.23 0.00	33.35 2.41 0.00	35.41 2.50 0.00	37.62 2.66 0.00	40.58 2.90 0.00	47.83 3.34 0.00	56.42 2.69 0.00	62.46 2.29 0.00	60.48 2.16 0.00	54.93 2.16 0.00	48.44 2.70 0.00	44.36 2.79 0.00	39.20 2.32 0.00
ASTORIA_GT2_4 24097	41.34 2.38 0.00	37.11 2.00 0.00	33.07 1.66 0.00	30.74 1.49 0.00	31.07 1.45 0.00	31.34 1.55 0.00	33.61 1.78 0.00	34.00 1.80 0.00	31.99 1.78 0.00	31.80 2.02 0.00	30.89 2.13 0.00	31.97 2.23 0.00	33.35 2.41 0.00	35.41 2.50 0.00	37.62 2.66 0.00	40.58 2.90 0.00	47.83 3.34 0.00	56.42 2.69 0.00	62.46 2.29 0.00	60.48 2.16 0.00	54.93 2.16 0.00	48.44 2.70 0.00	44.36 2.79 0.00	39.20 2.32 0.00
ASTORIA_GT3_1 24098	41.34 2.38 0.00	37.11 2.00 0.00	33.07 1.66 0.00	30.74 1.49 0.00	31.07 1.45 0.00	31.34 1.55 0.00	33.61 1.78 0.00	34.00 1.80 0.00	31.99 1.78 0.00	31.80 2.02 0.00	30.89 2.13 0.00	31.97 2.23 0.00	33.35 2.41 0.00	35.41 2.50 0.00	37.62 2.66 0.00	40.58 2.90 0.00	47.83 3.34 0.00	56.42 2.69 0.00	62.46 2.29 0.00	60.48 2.16 0.00	54.93 2.16 0.00	48.44 2.70 0.00	44.36 2.79 0.00	39.20 2.32 0.00
ASTORIA_GT3_2 24099	41.34 2.38 0.00	37.11 2.00 0.00	33.07 1.66 0.00	30.74 1.49 0.00	31.07 1.45 0.00	31.34 1.55 0.00	33.61 1.78 0.00	34.00 1.80 0.00	31.99 1.78 0.00	31.80 2.02 0.00	30.89 2.13 0.00	31.97 2.23 0.00	33.35 2.41 0.00	35.41 2.50 0.00	37.62 2.66 0.00	40.58 2.90 0.00	47.83 3.34 0.00	56.42 2.69 0.00	62.46 2.29 0.00	60.48 2.16 0.00	54.93 2.16 0.00	48.44 2.70 0.00	44.36 2.79 0.00	39.20 2.32 0.00
ASTORIA_GT3_3 24100	41.34 2.38 0.00	37.11 2.00 0.00	33.07 1.66 0.00	30.74 1.49 0.00	31.07 1.45 0.00	31.34 1.55 0.00	33.61 1.78 0.00	34.00 1.80 0.00	31.99 1.78 0.00	31.80 2.02 0.00	30.89 2.13 0.00	31.97 2.23 0.00	33.35 2.41 0.00	35.41 2.50 0.00	37.62 2.66 0.00	40.58 2.90 0.00	47.83 3.34 0.00	56.42 2.69 0.00	62.46 2.29 0.00	60.48 2.16 0.00	54.93 2.16 0.00	48.44 2.70 0.00	44.36 2.79 0.00	39.20 2.32 0.00
ASTORIA_GT3_4 24101	41.34 2.38 0.00	37.11 2.00 0.00	33.07 1.66 0.00	30.74 1.49 0.00	31.07 1.45 0.00	31.34 1.55 0.00	33.61 1.78 0.00	34.00 1.80 0.00	31.99 1.78 0.00	31.80 2.02 0.00	30.89 2.13 0.00	31.97 2.23 0.00	33.35 2.41 0.00	35.41 2.50 0.00	37.62 2.66 0.00	40.58 2.90 0.00	47.83 3.34 0.00	56.42 2.69 0.00	62.46 2.29 0.00	60.48 2.16 0.00	54.93 2.16 0.00	48.44 2.70 0.00	44.36 2.79 0.00	39.20 2.32 0.00
ASTORIA_GT4_1 24102	41.34 2.38 0.00	37.11 2.00 0.00	33.07 1.66 0.00	30.74 1.49 0.00	31.07 1.45 0.00	31.34 1.55 0.00	33.61 1.78 0.00	34.00 1.80 0.00	31.99 1.78 0.00	31.80 2.02 0.00	30.89 2.13 0.00	31.97 2.23 0.00	33.35 2.41 0.00	35.41 2.50 0.00	37.62 2.66 0.00	40.58 2.90 0.00	47.83 3.34 0.00	56.42 2.69 0.00	62.46 2.29 0.00	60.48 2.16 0.00	54.93 2.16 0.00	48.44 2.70 0.00	44.36 2.79 0.00	39.20 2.32 0.00
ASTORIA_GT4_2 24103	41.34 2.38 0.00	37.11 2.00 0.00	33.07 1.66 0.00	30.74 1.49 0.00	31.07 1.45 0.00	31.34 1.55 0.00	33.61 1.78 0.00	34.00 1.80 0.00	31.99 1.78 0.00	31.80 2.02 0.00	30.89 2.13 0.00	31.97 2.23 0.00	33.35 2.41 0.00	35.41 2.50 0.00	37.62 2.66 0.00	40.58 2.90 0.00	47.83 3.34 0.00	56.42 2.69 0.00	62.46 2.29 0.00	60.48 2.16 0.00	54.93 2.16 0.00	48.44 2.70 0.00	44.36 2.79 0.00	39.20 2.32 0.00
ASTORIA_GT4_3 24104	41.34 2.38 0.00	37.11 2.00 0.00	33.07 1.66 0.00	30.74 1.49 0.00	31.07 1.45 0.00	31.34 1.55 0.00	33.61 1.78 0.00	34.00 1.80 0.00	31.99 1.78 0.00	31.80 2.02 0.00	30.89 2.13 0.00	31.97 2.23 0.00	33.35 2.41 0.00	35.41 2.50 0.00	37.62 2.66 0.00	40.58 2.90 0.00	47.83 3.34 0.00	56.42 2.69 0.00	62.46 2.29 0.00	60.48 2.16 0.00	54.93 2.16 0.00	48.44 2.70 0.00	44.36 2.79 0.00	39.20 2.32 0.00

ASTORIA_GT4_4 24105	41.34 2.38 0.00	37.11 2.00 0.00	33.07 1.66 0.00	30.74 1.49 0.00	31.07 1.45 0.00	31.34 1.55 0.00	33.61 1.78 0.00	34.00 1.80 0.00	31.99 1.78 0.00	31.80 2.02 0.00	30.89 2.13 0.00	31.97 2.23 0.00	33.35 2.41 0.00	35.41 2.50 0.00	37.62 2.66 0.00	40.58 2.90 0.00	47.83 3.34 0.00	56.42 2.69 0.00	62.46 2.29 0.00	60.48 2.16 0.00	54.93 2.16 0.00	48.44 2.70 0.00	44.36 2.79 0.00	39.20 2.32 0.00
ASTORIA_GT_1 23523	41.42 2.45 0.00	37.18 2.07 0.00	33.10 1.70 0.00	30.77 1.52 0.00	31.13 1.51 0.00	31.37 1.58 0.00	33.67 1.85 0.00	34.07 1.87 0.00	32.05 1.84 0.00	31.86 2.08 0.00	30.95 2.19 0.00	32.03 2.29 0.00	33.41 2.47 0.00	35.48 2.57 0.00	37.69 2.73 0.00	40.65 2.98 0.00	47.92 3.43 0.00	56.52 2.79 0.00	62.58 2.41 0.00	60.60 2.27 0.00	55.09 2.32 0.00	48.53 2.79 0.00	44.40 2.83 0.00	39.27 2.40 0.00
ASTORIA_GT_10 24110	41.30 2.34 0.00	37.11 2.00 0.00	33.13 1.73 0.00	30.80 1.55 0.00	31.13 1.51 0.00	31.34 1.55 0.00	33.64 1.81 0.00	34.07 1.87 0.00	32.08 1.87 0.00	31.86 2.08 0.00	30.92 2.16 0.00	32.03 2.29 0.00	33.38 2.44 0.00	35.38 2.47 0.00	37.55 2.59 0.00	40.50 2.83 0.00	47.74 3.25 0.00	56.52 2.79 0.00	62.76 2.59 0.00	60.78 2.45 0.00	55.19 2.43 0.00	48.39 2.65 0.00	44.36 2.79 0.00	39.16 2.29 0.00
ASTORIA_GT_11 24225	41.30 2.34 0.00	37.11 2.00 0.00	33.13 1.73 0.00	30.80 1.55 0.00	31.13 1.51 0.00	31.34 1.55 0.00	33.64 1.81 0.00	34.07 1.87 0.00	32.08 1.87 0.00	31.86 2.08 0.00	30.92 2.16 0.00	32.03 2.29 0.00	33.38 2.44 0.00	35.38 2.47 0.00	37.55 2.59 0.00	40.50 2.83 0.00	47.74 3.25 0.00	56.52 2.79 0.00	62.76 2.59 0.00	60.78 2.45 0.00	55.19 2.43 0.00	48.39 2.65 0.00	44.36 2.79 0.00	39.16 2.29 0.00
ASTORIA_GT_12 24226	41.30 2.34 0.00	37.11 2.00 0.00	33.13 1.73 0.00	30.80 1.55 0.00	31.13 1.51 0.00	31.34 1.55 0.00	33.64 1.81 0.00	34.07 1.87 0.00	32.08 1.87 0.00	31.86 2.08 0.00	30.92 2.16 0.00	32.03 2.29 0.00	33.38 2.44 0.00	35.38 2.47 0.00	37.55 2.59 0.00	40.50 2.83 0.00	47.74 3.25 0.00	56.52 2.79 0.00	62.76 2.59 0.00	60.78 2.45 0.00	55.19 2.43 0.00	48.39 2.65 0.00	44.36 2.79 0.00	39.16 2.29 0.00
ASTORIA_GT_13 24227	41.30 2.34 0.00	37.11 2.00 0.00	33.13 1.73 0.00	30.80 1.55 0.00	31.13 1.51 0.00	31.34 1.55 0.00	33.64 1.81 0.00	34.07 1.87 0.00	32.08 1.87 0.00	31.86 2.08 0.00	30.92 2.16 0.00	32.03 2.29 0.00	33.38 2.44 0.00	35.38 2.47 0.00	37.55 2.59 0.00	40.50 2.83 0.00	47.74 3.25 0.00	56.52 2.79 0.00	62.76 2.59 0.00	60.78 2.45 0.00	55.19 2.43 0.00	48.39 2.65 0.00	44.36 2.79 0.00	39.16 2.29 0.00
ASTORIA_GT_5 24106	41.42 2.45 0.00	37.18 2.07 0.00	33.10 1.70 0.00	30.77 1.52 0.00	31.13 1.51 0.00	31.37 1.58 0.00	33.67 1.85 0.00	34.07 1.87 0.00	32.05 1.84 0.00	31.86 2.08 0.00	30.95 2.19 0.00	32.03 2.29 0.00	33.41 2.47 0.00	35.48 2.57 0.00	37.69 2.73 0.00	40.65 2.98 0.00	47.92 3.43 0.00	56.52 2.79 0.00	62.58 2.41 0.00	60.60 2.27 0.00	55.09 2.32 0.00	48.53 2.79 0.00	44.40 2.83 0.00	39.27 2.40 0.00
ASTORIA_GT_7 24107	41.42 2.45 0.00	37.18 2.07 0.00	33.10 1.70 0.00	30.77 1.52 0.00	31.13 1.51 0.00	31.37 1.58 0.00	33.67 1.85 0.00	34.07 1.87 0.00	32.05 1.84 0.00	31.86 2.08 0.00	30.95 2.19 0.00	32.03 2.29 0.00	33.41 2.47 0.00	35.48 2.57 0.00	37.69 2.73 0.00	40.65 2.98 0.00	47.92 3.43 0.00	56.52 2.79 0.00	62.58 2.41 0.00	60.60 2.27 0.00	55.09 2.32 0.00	48.53 2.79 0.00	44.40 2.83 0.00	39.27 2.40 0.00
ASTORIA_GT_8 24108	41.42 2.45 0.00	37.18 2.07 0.00	33.10 1.70 0.00	30.77 1.52 0.00	31.13 1.51 0.00	31.37 1.58 0.00	33.67 1.85 0.00	34.07 1.87 0.00	32.05 1.84 0.00	31.86 2.08 0.00	30.95 2.19 0.00	32.03 2.29 0.00	33.41 2.47 0.00	35.48 2.57 0.00	37.69 2.73 0.00	40.65 2.98 0.00	47.92 3.43 0.00	56.52 2.79 0.00	62.58 2.41 0.00	60.60 2.27 0.00	55.09 2.32 0.00	48.53 2.79 0.00	44.40 2.83 0.00	39.27 2.40 0.00
ASTORIA___2 24149	41.35 2.38 -0.01	37.11 2.00 -0.01	32.98 1.57 -0.01	30.66 1.40 -0.01	30.99 1.36 -0.01	31.26 1.46 -0.01	33.51 1.69 0.00	33.90 1.71 0.00	31.93 1.72 0.00	31.74 1.96 0.00	30.81 2.04 -0.01	31.95 2.20 -0.01	33.36 2.41 -0.01	35.45 2.53 -0.01	37.63 2.66 -0.01	40.58 2.90 -0.01	47.79 3.29 0.00	56.36 2.63 0.00	62.45 2.29 0.01	60.42 2.10 0.01	54.92 2.16 0.01	48.44 2.70 0.00	44.32 2.74 -0.01	39.21 2.32 -0.01
ASTORIA___3 23516	41.31 2.34 -0.01	37.11 2.00 -0.01	33.05 1.63 -0.01	30.72 1.46 -0.01	31.05 1.42 -0.01	31.26 1.46 -0.01	33.51 1.69 0.00	33.97 1.77 0.00	32.02 1.81 0.00	31.80 2.03 0.00	30.87 2.10 -0.01	31.95 2.20 -0.01	33.39 2.44 -0.01	35.42 2.50 -0.01	37.56 2.59 -0.01	40.51 2.83 -0.01	47.70 3.21 0.00	56.58 2.85 0.00	62.76 2.59 0.00	60.71 2.39 0.01	55.19 2.43 0.00	48.39 2.65 0.00	44.32 2.74 -0.01	39.17 2.29 -0.01
ASTORIA___4 23517	41.30 2.34 0.00	37.11 2.00 0.00	33.13 1.73 0.00	30.80 1.55 0.00	31.13 1.51 0.00	31.34 1.55 0.00	33.64 1.81 0.00	34.07 1.87 0.00	32.08 1.87 0.00	31.86 2.08 0.00	30.92 2.16 0.00	32.03 2.29 0.00	33.38 2.44 0.00	35.38 2.47 0.00	37.55 2.59 0.00	40.50 2.83 0.00	47.74 3.25 0.00	56.52 2.79 0.00	62.70 2.53 0.00	60.72 2.39 0.00	55.19 2.43 0.00	48.39 2.65 0.00	44.36 2.79 0.00	39.16 2.29 0.00
ASTORIA___5 23518	41.31 2.34 -0.01	37.11 2.00 -0.01	33.05 1.63 -0.01	30.72 1.46 -0.01	31.05 1.42 -0.01	31.26 1.46 -0.01	33.51 1.69 0.00	33.97 1.77 0.00	32.02 1.81 0.00	31.80 2.03 0.00	30.87 2.10 -0.01	31.95 2.20 -0.01	33.39 2.44 -0.01	35.42 2.50 -0.01	37.56 2.59 -0.01	40.51 2.83 -0.01	47.70 3.21 0.00	56.58 2.85 0.00	62.76 2.59 0.00	60.71 2.39 0.01	55.19 2.43 0.00	48.39 2.65 0.00	44.32 2.74 -0.01	39.17 2.29 -0.01
AST_ENERGY_2_CC3 323677	41.19 2.22 0.00	36.96 1.86 0.00	32.91 1.51 0.00	30.63 1.38 0.00	30.92 1.30 0.00	31.13 1.34 0.00	33.45 1.62 0.00	34.03 1.83 0.00	32.08 1.87 0.00	31.74 1.96 0.00	30.75 1.98 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.45 2.48 0.00	40.35 2.68 0.00	47.61 3.11 0.00	56.85 3.12 0.00	63.30 3.13 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.44 2.70 0.00	44.19 2.62 0.00	39.05 2.18 0.00
AST_ENERGY_2_CC4 323678	41.19 2.22 0.00	36.96 1.86 0.00	32.91 1.51 0.00	30.63 1.38 0.00	30.92 1.30 0.00	31.13 1.34 0.00	33.45 1.62 0.00	34.03 1.83 0.00	32.08 1.87 0.00	31.74 1.96 0.00	30.75 1.98 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.45 2.48 0.00	40.35 2.68 0.00	47.61 3.11 0.00	56.85 3.12 0.00	63.30 3.13 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.44 2.70 0.00	44.19 2.62 0.00	39.05 2.18 0.00

ATHENS_STG_1 23668	39.90 0.93 0.00	35.95 0.84 0.00	32.03 0.63 0.00	29.87 0.62 0.00	30.21 0.59 0.00	30.42 0.63 0.00	32.53 0.70 0.00	33.03 0.84 0.00	30.87 0.66 0.00	30.40 0.63 0.00	29.40 0.63 0.00	30.36 0.63 0.00	31.71 0.77 0.00	33.67 0.76 0.00	35.77 0.80 0.00	38.58 0.90 0.00	45.61 1.11 0.00	54.81 1.07 0.00	61.38 1.20 0.00	59.49 1.17 0.00	54.03 1.26 0.00	46.97 1.24 0.00	42.78 1.21 0.00	37.80 0.92 0.00
ATHENS_STG_2 23670	39.90 0.93 0.00	35.95 0.84 0.00	32.03 0.63 0.00	29.87 0.62 0.00	30.21 0.59 0.00	30.42 0.63 0.00	32.53 0.70 0.00	33.03 0.84 0.00	30.87 0.66 0.00	30.40 0.63 0.00	29.40 0.63 0.00	30.36 0.63 0.00	31.71 0.77 0.00	33.67 0.76 0.00	35.77 0.80 0.00	38.58 0.90 0.00	45.61 1.11 0.00	54.81 1.07 0.00	61.38 1.20 0.00	59.49 1.17 0.00	54.03 1.26 0.00	46.97 1.24 0.00	42.78 1.21 0.00	37.80 0.92 0.00
ATHENS_STG_3 23677	39.90 0.93 0.00	35.95 0.84 0.00	32.03 0.63 0.00	29.87 0.62 0.00	30.21 0.59 0.00	30.42 0.63 0.00	32.53 0.70 0.00	33.03 0.84 0.00	30.87 0.66 0.00	30.40 0.63 0.00	29.40 0.63 0.00	30.36 0.63 0.00	31.71 0.77 0.00	33.67 0.76 0.00	35.77 0.80 0.00	38.58 0.90 0.00	45.61 1.11 0.00	54.81 1.07 0.00	61.38 1.20 0.00	59.49 1.17 0.00	54.03 1.26 0.00	46.97 1.24 0.00	42.78 1.21 0.00	37.80 0.92 0.00
AUBURN___LFGE 323710	38.89 -0.08 0.00	35.03 -0.07 0.00	31.28 -0.13 0.00	29.31 0.06 0.00	29.62 0.00 0.00	29.79 0.00 0.00	31.76 -0.06 0.00	32.07 -0.13 0.00	29.97 -0.24 0.00	29.56 -0.21 0.00	28.53 -0.23 0.00	29.50 -0.24 0.00	30.75 -0.19 0.00	32.75 -0.16 0.00	34.86 -0.10 0.00	37.64 -0.04 0.00	44.50 0.00 0.00	53.95 0.21 0.00	60.36 0.18 0.00	58.44 0.12 0.00	53.19 0.42 0.00	45.97 0.23 0.00	41.66 0.08 0.00	37.13 0.26 0.00
BABYLON_RES_REC 323704	42.09 3.12 -0.01	37.77 2.67 0.00	33.32 1.92 0.00	30.83 1.58 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.83 2.01 0.00	34.45 2.25 0.00	32.60 2.39 0.00	32.46 2.68 -0.01	33.29 2.47 -2.05	34.09 2.56 -1.80	36.09 2.79 -2.37	39.25 2.83 -3.51	39.97 2.97 -2.03	41.43 3.24 -0.52	47.84 3.34 0.00	56.95 3.22 0.00	63.30 3.13 0.00	61.07 2.74 0.00	55.35 2.58 0.00	47.98 2.24 0.00	44.07 2.49 0.00	39.83 2.95 -0.01
BALL_HILL_WT_PWR 323825	38.69 -0.27 0.00	35.00 -0.10 0.00	31.09 -0.31 0.00	29.43 0.18 0.00	29.65 0.03 0.00	29.82 0.03 0.00	31.51 -0.32 0.00	31.97 -0.22 0.00	29.82 -0.39 0.00	29.77 0.00 0.00	28.56 -0.20 0.00	29.68 -0.06 0.00	31.31 0.37 0.00	33.44 0.52 0.00	35.70 0.74 0.00	38.43 0.75 0.00	44.90 0.40 0.00	54.43 0.70 0.00	59.28 -0.90 0.00	57.28 -1.05 0.00	52.34 -0.42 0.00	45.05 -0.68 0.00	40.78 -0.79 0.00	37.68 0.81 0.00
BARON_WINDS___WT_PWR 323822	38.93 -0.04 0.00	35.14 0.04 0.00	31.28 -0.13 0.00	29.46 0.21 0.00	29.71 0.09 0.00	29.91 0.12 0.00	31.70 -0.13 0.00	31.97 -0.22 0.00	29.76 -0.45 0.00	29.50 -0.27 0.00	28.30 -0.46 0.00	29.35 -0.39 0.00	30.78 -0.15 0.00	32.85 -0.07 0.00	35.00 0.04 0.00	37.75 0.08 0.00	44.32 -0.18 0.00	53.89 0.16 0.00	59.52 -0.66 0.00	57.86 -0.47 0.00	52.92 0.16 0.00	45.65 -0.09 0.00	41.37 -0.21 0.00	37.57 0.70 0.00
BARRETT_IC_1 23704	41.58 2.61 -0.01	37.32 2.21 0.00	33.01 1.60 0.00	30.60 1.35 0.00	30.78 1.15 0.00	30.98 1.19 0.00	33.51 1.69 0.00	34.13 1.93 0.00	32.23 2.02 0.00	32.01 2.23 -0.01	32.85 2.04 -2.05	33.67 2.14 -1.80	35.69 2.38 -2.37	38.82 2.40 -3.51	39.48 2.48 -2.03	40.87 2.68 -0.52	47.61 3.11 0.00	56.85 3.12 0.00	63.24 3.07 0.00	61.07 2.74 0.00	55.35 2.58 0.00	47.84 2.11 0.00	43.69 2.12 0.00	39.46 2.58 -0.01
BARRETT_IC_10 23701	41.58 2.61 -0.01	37.32 2.21 0.00	33.01 1.60 0.00	30.60 1.35 0.00	30.78 1.15 0.00	30.98 1.19 0.00	33.51 1.69 0.00	34.13 1.93 0.00	32.23 2.02 0.00	32.01 2.23 -0.01	32.85 2.04 -2.05	33.67 2.14 -1.80	35.69 2.38 -2.37	38.82 2.40 -3.51	39.48 2.48 -2.03	40.87 2.68 -0.52	47.61 3.11 0.00	56.85 3.12 0.00	63.24 3.07 0.00	61.07 2.74 0.00	55.35 2.58 0.00	47.84 2.11 0.00	43.69 2.12 0.00	39.46 2.58 -0.01
BARRETT_IC_11 23702	41.58 2.61 -0.01	37.32 2.21 0.00	33.01 1.60 0.00	30.60 1.35 0.00	30.78 1.15 0.00	30.98 1.19 0.00	33.51 1.69 0.00	34.13 1.93 0.00	32.23 2.02 0.00	32.01 2.23 -0.01	32.85 2.04 -2.05	33.67 2.14 -1.80	35.69 2.38 -2.37	38.82 2.40 -3.51	39.48 2.48 -2.03	40.87 2.68 -0.52	47.61 3.11 0.00	56.85 3.12 0.00	63.24 3.07 0.00	61.07 2.74 0.00	55.35 2.58 0.00	47.84 2.11 0.00	43.69 2.12 0.00	39.46 2.58 -0.01
BARRETT_IC_12 23703	41.58 2.61 -0.01	37.32 2.21 0.00	33.01 1.60 0.00	30.60 1.35 0.00	30.78 1.15 0.00	30.98 1.19 0.00	33.51 1.69 0.00	34.13 1.93 0.00	32.23 2.02 0.00	32.01 2.23 -0.01	32.85 2.04 -2.05	33.67 2.14 -1.80	35.69 2.38 -2.37	38.82 2.40 -3.51	39.48 2.48 -2.03	40.87 2.68 -0.52	47.61 3.11 0.00	56.85 3.12 0.00	63.24 3.07 0.00	61.07 2.74 0.00	55.35 2.58 0.00	47.84 2.11 0.00	43.69 2.12 0.00	39.46 2.58 -0.01
BARRETT_IC_2 23705	41.58 2.61 -0.01	37.32 2.21 0.00	33.01 1.60 0.00	30.60 1.35 0.00	30.78 1.15 0.00	30.98 1.19 0.00	33.51 1.69 0.00	34.13 1.93 0.00	32.23 2.02 0.00	32.01 2.23 -0.01	32.85 2.04 -2.05	33.67 2.14 -1.80	35.69 2.38 -2.37	38.82 2.40 -3.51	39.48 2.48 -2.03	40.87 2.68 -0.52	47.61 3.11 0.00	56.85 3.12 0.00	63.24 3.07 0.00	61.07 2.74 0.00	55.35 2.58 0.00	47.84 2.11 0.00	43.69 2.12 0.00	39.46 2.58 -0.01
BARRETT_IC_3 23706	41.58 2.61 -0.01	37.32 2.21 0.00	33.01 1.60 0.00	30.60 1.35 0.00	30.78 1.15 0.00	30.98 1.19 0.00	33.51 1.69 0.00	34.13 1.93 0.00	32.23 2.02 0.00	32.01 2.23 -0.01	32.85 2.04 -2.05	33.67 2.14 -1.80	35.69 2.38 -2.37	38.82 2.40 -3.51	39.48 2.48 -2.03	40.87 2.68 -0.52	47.61 3.11 0.00	56.85 3.12 0.00	63.24 3.07 0.00	61.07 2.74 0.00	55.35 2.58 0.00	47.84 2.11 0.00	43.69 2.12 0.00	39.46 2.58 -0.01
BARRETT_IC_4 23707	41.58 2.61 -0.01	37.32 2.21 0.00	33.01 1.60 0.00	30.60 1.35 0.00	30.78 1.15 0.00	30.98 1.19 0.00	33.51 1.69 0.00	34.13 1.93 0.00	32.23 2.02 0.00	32.01 2.23 -0.01	32.85 2.04 -2.05	33.67 2.14 -1.80	35.69 2.38 -2.37	38.82 2.40 -3.51	39.48 2.48 -2.03	40.87 2.68 -0.52	47.61 3.11 0.00	56.85 3.12 0.00	63.24 3.07 0.00	61.07 2.74 0.00	55.35 2.58 0.00	47.84 2.11 0.00	43.69 2.12 0.00	39.46 2.58 -0.01
BARRETT_IC_5 23708	41.58 2.61 -0.01	37.32 2.21 0.00	33.01 1.60 0.00	30.60 1.35 0.00	30.78 1.15 0.00	30.98 1.19 0.00	33.51 1.69 0.00	34.13 1.93 0.00	32.23 2.02 0.00	32.01 2.23 -0.01	32.85 2.04 -2.05	33.67 2.14 -1.80	35.69 2.38 -2.37	38.82 2.40 -3.51	39.48 2.48 -2.03	40.87 2.68 -0.52	47.61 3.11 0.00	56.85 3.12 0.00	63.24 3.07 0.00	61.07 2.74 0.00	55.35 2.58 0.00	47.84 2.11 0.00	43.69 2.12 0.00	39.46 2.58 -0.01

BARRETT_IC_6 23709	41.58 2.61 -0.01	37.32 2.21 0.00	33.01 1.60 0.00	30.60 1.35 0.00	30.78 1.15 0.00	30.98 1.19 0.00	33.51 1.69 0.00	34.13 1.93 0.00	32.23 2.02 0.00	32.01 2.23 -0.01	32.85 2.04 -2.05	33.67 2.14 -1.80	35.69 2.38 -2.37	38.82 2.40 -3.51	39.48 2.48 -2.03	40.87 2.68 -0.52	47.61 3.11 0.00	56.85 3.12 0.00	63.24 3.07 0.00	61.07 2.74 0.00	55.35 2.58 0.00	47.84 2.11 0.00	43.69 2.12 0.00	39.46 2.58 -0.01
BARRETT_IC_7 23710	41.65 2.69 0.00	37.35 2.25 0.00	33.10 1.70 0.00	30.71 1.46 0.00	30.98 1.36 0.00	31.10 1.31 0.00	33.61 1.78 0.00	34.26 2.06 0.00	32.29 2.08 0.00	32.07 2.29 0.00	32.91 2.10 -2.05	33.73 2.20 -1.80	35.66 2.35 -2.37	38.82 2.40 -3.51	39.45 2.45 -2.03	40.87 2.67 -0.52	47.61 3.11 0.00	56.95 3.22 0.00	63.25 3.07 0.00	61.18 2.86 0.00	55.35 2.59 0.00	47.84 2.10 0.00	43.69 2.12 0.00	39.49 2.62 0.00
BARRETT_IC_8 23711	41.58 2.61 -0.01	37.32 2.21 0.00	33.01 1.60 0.00	30.60 1.35 0.00	30.78 1.15 0.00	30.98 1.19 0.00	33.51 1.69 0.00	34.13 1.93 0.00	32.23 2.02 0.00	32.01 2.23 -0.01	32.85 2.04 -2.05	33.67 2.14 -1.80	35.69 2.38 -2.37	38.82 2.40 -3.51	39.48 2.48 -2.03	40.87 2.68 -0.52	47.61 3.11 0.00	56.85 3.12 0.00	63.24 3.07 0.00	61.07 2.74 0.00	55.35 2.58 0.00	47.84 2.11 0.00	43.69 2.12 0.00	39.46 2.58 -0.01
BARRETT_IC_9 23700	41.58 2.61 -0.01	37.32 2.21 0.00	33.01 1.60 0.00	30.60 1.35 0.00	30.78 1.15 0.00	30.98 1.19 0.00	33.51 1.69 0.00	34.13 1.93 0.00	32.23 2.02 0.00	32.01 2.23 -0.01	32.85 2.04 -2.05	33.67 2.14 -1.80	35.69 2.38 -2.37	38.82 2.40 -3.51	39.48 2.48 -2.03	40.87 2.68 -0.52	47.61 3.11 0.00	56.85 3.12 0.00	63.24 3.07 0.00	61.07 2.74 0.00	55.35 2.58 0.00	47.84 2.11 0.00	43.69 2.12 0.00	39.46 2.58 -0.01
BARRETT___1 23545	41.58 2.61 -0.01	37.32 2.21 0.00	33.01 1.60 0.00	30.60 1.35 0.00	30.78 1.15 0.00	30.98 1.19 0.00	33.51 1.69 0.00	34.13 1.93 0.00	32.23 2.02 0.00	32.01 2.23 -0.01	32.85 2.04 -2.05	33.67 2.14 -1.80	35.69 2.38 -2.37	38.82 2.40 -3.51	39.48 2.48 -2.03	40.87 2.68 -0.52	47.61 3.11 0.00	56.85 3.12 0.00	63.24 3.07 0.00	61.07 2.74 0.00	55.35 2.58 0.00	47.84 2.11 0.00	43.69 2.12 0.00	39.46 2.58 -0.01
BARRETT___2 23546	41.58 2.61 -0.01	37.32 2.21 0.00	33.01 1.60 0.00	30.60 1.35 0.00	30.78 1.15 0.00	30.98 1.19 0.00	33.51 1.69 0.00	34.13 1.93 0.00	32.23 2.02 0.00	32.01 2.23 -0.01	32.85 2.04 -2.05	33.67 2.14 -1.80	35.69 2.38 -2.37	38.82 2.40 -3.51	39.48 2.48 -2.03	40.87 2.68 -0.52	47.61 3.11 0.00	56.85 3.12 0.00	63.24 3.07 0.00	61.07 2.74 0.00	55.35 2.58 0.00	47.84 2.11 0.00	43.69 2.12 0.00	39.46 2.58 -0.01
BATAVIA__115KV_TB1 55881	39.32 0.35 0.00	35.46 0.35 0.00	31.28 -0.13 0.00	29.86 0.61 0.00	30.10 0.47 0.00	30.27 0.48 0.00	32.21 0.38 0.00	32.33 0.13 0.00	30.18 -0.03 0.00	29.83 0.06 0.00	28.59 -0.17 0.00	29.71 -0.03 0.00	31.31 0.37 0.00	33.34 0.43 0.00	35.77 0.80 0.00	38.69 1.02 0.00	45.34 0.85 0.00	54.91 1.18 0.00	60.42 0.24 0.00	58.27 -0.06 0.00	53.40 0.63 0.00	45.97 0.23 0.00	41.53 -0.04 0.00	38.39 1.51 0.00
BAYONEEC___CTG1 323682	41.11 2.14 0.00	36.93 1.82 0.00	32.88 1.48 0.00	30.57 1.32 0.00	30.87 1.24 0.00	31.10 1.31 0.00	33.42 1.59 0.00	34.00 1.80 0.00	32.05 1.84 0.00	31.74 1.96 0.00	30.72 1.96 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.41 2.45 0.00	40.35 2.68 0.00	47.56 3.07 0.00	56.79 3.06 0.00	63.24 3.07 0.00	61.18 2.86 0.00	55.56 2.79 0.00	48.39 2.65 0.00	44.15 2.58 0.00	38.98 2.10 0.00
BAYONEEC___CTG10 323750	41.11 2.14 0.00	36.93 1.82 0.00	32.88 1.48 0.00	30.57 1.32 0.00	30.87 1.24 0.00	31.10 1.31 0.00	33.42 1.59 0.00	34.00 1.80 0.00	32.05 1.84 0.00	31.74 1.96 0.00	30.72 1.96 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.41 2.45 0.00	40.35 2.68 0.00	47.56 3.07 0.00	56.79 3.06 0.00	63.24 3.07 0.00	61.18 2.86 0.00	55.56 2.79 0.00	48.39 2.65 0.00	44.15 2.58 0.00	38.98 2.10 0.00
BAYONEEC___CTG2 323683	41.11 2.14 0.00	36.93 1.82 0.00	32.88 1.48 0.00	30.57 1.32 0.00	30.87 1.24 0.00	31.10 1.31 0.00	33.42 1.59 0.00	34.00 1.80 0.00	32.05 1.84 0.00	31.74 1.96 0.00	30.72 1.96 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.41 2.45 0.00	40.35 2.68 0.00	47.56 3.07 0.00	56.79 3.06 0.00	63.24 3.07 0.00	61.18 2.86 0.00	55.56 2.79 0.00	48.39 2.65 0.00	44.15 2.58 0.00	38.98 2.10 0.00
BAYONEEC___CTG3 323684	41.11 2.14 0.00	36.93 1.82 0.00	32.88 1.48 0.00	30.57 1.32 0.00	30.87 1.24 0.00	31.10 1.31 0.00	33.42 1.59 0.00	34.00 1.80 0.00	32.05 1.84 0.00	31.74 1.96 0.00	30.72 1.96 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.41 2.45 0.00	40.35 2.68 0.00	47.56 3.07 0.00	56.79 3.06 0.00	63.24 3.07 0.00	61.18 2.86 0.00	55.56 2.79 0.00	48.39 2.65 0.00	44.15 2.58 0.00	38.98 2.10 0.00
BAYONEEC___CTG4 323685	41.11 2.14 0.00	36.93 1.82 0.00	32.88 1.48 0.00	30.57 1.32 0.00	30.87 1.24 0.00	31.10 1.31 0.00	33.42 1.59 0.00	34.00 1.80 0.00	32.05 1.84 0.00	31.74 1.96 0.00	30.72 1.96 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.41 2.45 0.00	40.35 2.68 0.00	47.56 3.07 0.00	56.79 3.06 0.00	63.24 3.07 0.00	61.18 2.86 0.00	55.56 2.79 0.00	48.39 2.65 0.00	44.15 2.58 0.00	38.98 2.10 0.00
BAYONEEC___CTG5 323686	41.11 2.14 0.00	36.93 1.82 0.00	32.88 1.48 0.00	30.57 1.32 0.00	30.87 1.24 0.00	31.10 1.31 0.00	33.42 1.59 0.00	34.00 1.80 0.00	32.05 1.84 0.00	31.74 1.96 0.00	30.72 1.96 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.41 2.45 0.00	40.35 2.68 0.00	47.56 3.07 0.00	56.79 3.06 0.00	63.24 3.07 0.00	61.18 2.86 0.00	55.56 2.79 0.00	48.39 2.65 0.00	44.15 2.58 0.00	38.98 2.10 0.00
BAYONEEC___CTG6 323687	41.11 2.14 0.00	36.93 1.82 0.00	32.88 1.48 0.00	30.57 1.32 0.00	30.87 1.24 0.00	31.10 1.31 0.00	33.42 1.59 0.00	34.00 1.80 0.00	32.05 1.84 0.00	31.74 1.96 0.00	30.72 1.96 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.41 2.45 0.00	40.35 2.68 0.00	47.56 3.07 0.00	56.79 3.06 0.00	63.24 3.07 0.00	61.18 2.86 0.00	55.56 2.79 0.00	48.39 2.65 0.00	44.15 2.58 0.00	38.98 2.10 0.00
BAYONEEC___CTG7 323688	41.11 2.14 0.00	36.93 1.82 0.00	32.88 1.48 0.00	30.57 1.32 0.00	30.87 1.24 0.00	31.10 1.31 0.00	33.42 1.59 0.00	34.00 1.80 0.00	32.05 1.84 0.00	31.74 1.96 0.00	30.72 1.96 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.41 2.45 0.00	40.35 2.68 0.00	47.56 3.07 0.00	56.79 3.06 0.00	63.24 3.07 0.00	61.18 2.86 0.00	55.56 2.79 0.00	48.39 2.65 0.00	44.15 2.58 0.00	38.98 2.10 0.00

BAYONEEC___CTG8 323689	41.11 2.14 0.00	36.93 1.82 0.00	32.88 1.48 0.00	30.57 1.32 0.00	30.87 1.24 0.00	31.10 1.31 0.00	33.42 1.59 0.00	34.00 1.80 0.00	32.05 1.84 0.00	31.74 1.96 0.00	30.72 1.96 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.41 2.45 0.00	40.35 2.68 0.00	47.56 3.07 0.00	56.79 3.06 0.00	63.24 3.07 0.00	61.18 2.86 0.00	55.56 2.79 0.00	48.39 2.65 0.00	44.15 2.58 0.00	38.98 2.10 0.00
BAYONEEC___CTG9 323749	41.11 2.14 0.00	36.93 1.82 0.00	32.88 1.48 0.00	30.57 1.32 0.00	30.87 1.24 0.00	31.10 1.31 0.00	33.42 1.59 0.00	34.00 1.80 0.00	32.05 1.84 0.00	31.74 1.96 0.00	30.72 1.96 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.41 2.45 0.00	40.35 2.68 0.00	47.56 3.07 0.00	56.79 3.06 0.00	63.24 3.07 0.00	61.18 2.86 0.00	55.56 2.79 0.00	48.39 2.65 0.00	44.15 2.58 0.00	38.98 2.10 0.00
BEACON___LESR 323632	40.05 1.09 0.00	36.05 0.95 0.00	32.16 0.75 0.00	29.92 0.67 0.00	30.24 0.62 0.00	30.42 0.63 0.00	32.46 0.64 0.00	32.94 0.74 0.00	30.69 0.48 0.00	30.13 0.36 0.00	29.08 0.32 0.00	30.03 0.30 0.00	31.31 0.37 0.00	33.34 0.43 0.00	35.45 0.49 0.00	38.24 0.57 0.00	45.34 0.84 0.00	54.64 0.91 0.00	61.50 1.32 0.00	59.72 1.40 0.00	54.24 1.48 0.00	47.02 1.28 0.00	42.86 1.29 0.00	37.83 0.96 0.00
BEAVER RIVER___HYD 24048	40.17 1.21 0.00	36.19 1.09 0.00	32.41 1.00 0.00	30.10 0.85 0.00	30.45 0.83 0.00	30.59 0.80 0.00	32.72 0.89 0.00	32.84 0.64 0.00	30.63 0.42 0.00	29.95 0.18 0.00	28.94 0.17 0.00	29.92 0.18 0.00	31.03 0.09 0.00	33.08 0.17 0.00	35.21 0.25 0.00	37.97 0.30 0.00	44.90 0.40 0.00	54.70 0.97 0.00	61.92 1.75 0.00	59.84 1.51 0.00	54.45 1.69 0.00	47.16 1.42 0.00	42.61 1.04 0.00	37.72 0.85 0.00
BEEBEE_GT_13 23619	39.00 0.04 0.00	35.10 0.00 0.00	31.22 -0.19 0.00	29.48 0.23 0.00	29.74 0.12 0.00	29.91 0.12 0.00	31.76 -0.06 0.00	32.10 -0.10 0.00	29.91 -0.30 0.00	29.68 -0.09 0.00	28.59 -0.17 0.00	29.68 -0.06 0.00	31.12 0.19 0.00	33.14 0.23 0.00	35.45 0.49 0.00	38.28 0.60 0.00	45.08 0.58 0.00	54.59 0.86 0.00	60.48 0.30 0.00	58.39 0.06 0.00	53.24 0.47 0.00	45.92 0.18 0.00	41.53 -0.04 0.00	37.50 0.63 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.77 2.81 0.00	37.49 2.39 0.00	33.48 2.07 0.00	31.12 1.87 0.00	31.43 1.81 0.00	31.61 1.82 0.00	33.90 2.07 0.00	34.29 2.09 0.00	32.26 2.05 0.00	32.07 2.29 0.00	31.09 2.33 0.00	32.21 2.47 0.00	33.60 2.66 0.00	35.64 2.73 0.00	37.83 2.87 0.00	40.84 3.16 0.00	48.32 3.83 0.00	57.29 3.55 -0.01	63.49 3.31 0.00	61.48 3.15 0.00	55.83 3.06 0.00	48.94 3.20 0.00	44.86 3.28 0.00	39.64 2.77 0.00
BETHLEHEM___GRP 23843	39.59 0.62 0.00	35.63 0.53 0.00	31.88 0.47 0.00	29.66 0.41 0.00	29.92 0.30 0.00	30.09 0.30 0.00	32.11 0.29 0.00	32.58 0.39 0.00	30.39 0.18 0.00	29.86 0.09 0.00	28.82 0.06 0.00	29.74 0.00 0.00	31.00 0.06 0.00	32.98 0.07 0.00	35.00 0.03 0.00	37.71 0.04 0.00	44.67 0.18 0.00	53.89 0.16 0.00	60.48 0.30 0.00	58.68 0.35 0.00	53.29 0.53 0.00	46.24 0.50 0.00	42.16 0.58 0.00	37.21 0.33 0.00
BETHLEHEM___GS1 323560	39.59 0.62 0.00	35.63 0.53 0.00	31.78 0.38 0.00	29.60 0.35 0.00	29.86 0.24 0.00	30.03 0.24 0.00	32.08 0.25 0.00	32.52 0.32 0.00	30.33 0.12 0.00	29.80 0.03 0.00	28.76 0.00 0.00	29.71 -0.03 0.00	31.00 0.06 0.00	32.94 0.03 0.00	35.00 0.04 0.00	37.71 0.04 0.00	44.68 0.18 0.00	53.84 0.11 0.00	60.48 0.30 0.00	58.68 0.35 0.00	53.29 0.53 0.00	46.24 0.50 0.00	42.11 0.54 0.00	37.21 0.33 0.00
BETHLEHEM___GS2 323561	39.59 0.62 0.00	35.63 0.53 0.00	31.78 0.38 0.00	29.60 0.35 0.00	29.86 0.24 0.00	30.03 0.24 0.00	32.08 0.25 0.00	32.52 0.32 0.00	30.33 0.12 0.00	29.80 0.03 0.00	28.76 0.00 0.00	29.71 -0.03 0.00	31.00 0.06 0.00	32.94 0.03 0.00	35.00 0.04 0.00	37.71 0.04 0.00	44.68 0.18 0.00	53.84 0.11 0.00	60.48 0.30 0.00	58.68 0.35 0.00	53.29 0.53 0.00	46.24 0.50 0.00	42.11 0.54 0.00	37.21 0.33 0.00
BETHLEHEM___GS3 323562	39.59 0.62 0.00	35.63 0.53 0.00	31.78 0.38 0.00	29.60 0.35 0.00	29.86 0.24 0.00	30.03 0.24 0.00	32.08 0.25 0.00	32.52 0.32 0.00	30.33 0.12 0.00	29.80 0.03 0.00	28.76 0.00 0.00	29.71 -0.03 0.00	31.00 0.06 0.00	32.94 0.03 0.00	35.00 0.04 0.00	37.71 0.04 0.00	44.68 0.18 0.00	53.84 0.11 0.00	60.48 0.30 0.00	58.68 0.35 0.00	53.29 0.53 0.00	46.24 0.50 0.00	42.11 0.54 0.00	37.21 0.33 0.00
BETHLEHEM___STEEL 23779	38.65 -0.31 0.00	35.00 -0.11 0.00	30.75 -0.66 0.00	29.45 0.20 0.00	29.68 0.06 0.00	29.91 0.12 0.00	31.60 -0.22 0.00	32.00 -0.19 0.00	29.79 -0.42 0.00	29.71 -0.06 0.00	28.51 -0.26 0.00	29.56 -0.18 0.00	31.18 0.25 0.00	33.24 0.33 0.00	35.56 0.59 0.00	38.43 0.75 0.00	44.81 0.31 0.00	53.95 0.21 0.00	59.09 -1.08 0.00	56.99 -1.34 0.00	52.18 -0.58 0.00	44.91 -0.82 0.00	40.66 -0.91 0.00	37.65 0.77 0.00
BETHLHEM_115KV_TB1 79974	39.63 0.66 0.00	35.67 0.56 0.00	31.94 0.53 0.00	29.69 0.44 0.00	29.98 0.36 0.00	30.15 0.36 0.00	32.18 0.35 0.00	32.65 0.45 0.00	30.45 0.24 0.00	29.92 0.15 0.00	28.91 0.14 0.00	29.83 0.09 0.00	31.09 0.15 0.00	33.04 0.13 0.00	35.10 0.14 0.00	37.83 0.15 0.00	44.81 0.31 0.00	54.05 0.32 0.00	60.60 0.42 0.00	58.79 0.47 0.00	53.40 0.63 0.00	46.38 0.64 0.00	42.24 0.67 0.00	37.28 0.41 0.00
BETHPAGE_CC_5 323564	41.97 3.00 -0.01	37.67 2.56 0.00	33.26 1.85 0.00	30.80 1.55 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.77 1.94 0.00	34.42 2.22 0.00	32.54 2.33 0.00	32.37 2.59 -0.01	33.23 2.42 -2.05	34.06 2.53 -1.80	36.06 2.75 -2.37	39.25 2.83 -3.51	39.97 2.97 -2.03	41.28 3.09 -0.52	47.88 3.38 0.00	57.22 3.49 0.00	63.61 3.43 0.00	61.42 3.09 0.00	55.67 2.90 0.00	48.07 2.33 0.00	43.86 2.29 0.00	39.65 2.77 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.61 -0.35 0.00	34.96 -0.14 0.00	30.71 -0.69 0.00	29.43 0.18 0.00	29.65 0.03 0.00	29.88 0.09 0.00	31.60 -0.22 0.00	32.00 -0.19 0.00	29.82 -0.39 0.00	29.74 -0.03 0.00	28.53 -0.23 0.00	29.62 -0.12 0.00	31.24 0.31 0.00	33.27 0.36 0.00	35.63 0.66 0.00	38.50 0.83 0.00	44.90 0.40 0.00	54.00 0.27 0.00	59.21 -0.96 0.00	57.10 -1.22 0.00	52.29 -0.47 0.00	44.96 -0.78 0.00	40.70 -0.87 0.00	37.65 0.77 0.00
BINGHAMTON___COGEN 23790	39.00 0.04 0.00	35.21 0.11 0.00	31.34 -0.06 0.00	29.45 0.20 0.00	29.74 0.12 0.00	29.94 0.15 0.00	31.92 0.10 0.00	32.26 0.06 0.00	30.18 -0.03 0.00	29.80 0.03 0.00	28.74 -0.03 0.00	29.74 0.00 0.00	31.03 0.09 0.00	33.01 0.10 0.00	35.14 0.17 0.00	37.90 0.23 0.00	44.72 0.22 0.00	54.05 0.32 0.00	60.30 0.12 0.00	58.39 0.06 0.00	53.19 0.42 0.00	45.97 0.23 0.00	41.66 0.08 0.00	37.24 0.37 0.00

BIXINCNT_115KV_LOAD 355685	38.42 -0.55 0.00	34.82 -0.28 0.00	30.56 -0.85 0.00	29.25 0.00 0.00	29.50 -0.12 0.00	29.79 0.00 0.00	31.54 -0.29 0.00	32.00 -0.19 0.00	29.82 -0.39 0.00	29.74 -0.03 0.00	28.56 -0.20 0.00	29.65 -0.09 0.00	31.24 0.31 0.00	33.27 0.36 0.00	35.56 0.59 0.00	38.43 0.75 0.00	44.85 0.36 0.00	54.00 0.27 0.00	59.21 -0.96 0.00	57.22 -1.11 0.00	52.34 -0.42 0.00	45.01 -0.73 0.00	40.66 -0.91 0.00	37.43 0.55 0.00
BLACK RIVER___HYD 24047	40.48 1.52 0.00	36.47 1.37 0.00	32.69 1.29 0.00	30.36 1.11 0.00	30.66 1.04 0.00	30.80 1.01 0.00	32.94 1.11 0.00	32.97 0.77 0.00	30.69 0.48 0.00	29.89 0.12 0.00	28.88 0.12 0.00	29.92 0.18 0.00	30.97 0.03 0.00	33.08 0.17 0.00	35.18 0.21 0.00	38.01 0.34 0.00	45.03 0.54 0.00	55.07 1.34 0.00	62.52 2.34 0.00	60.66 2.34 0.00	55.40 2.64 0.00	47.98 2.24 0.00	43.28 1.71 0.00	38.35 1.48 0.00
BLACKRVR_115KV_TB2 79977	40.48 1.52 0.00	36.47 1.37 0.00	32.63 1.22 0.00	30.33 1.08 0.00	30.66 1.04 0.00	30.77 0.98 0.00	32.91 1.08 0.00	32.94 0.74 0.00	30.66 0.45 0.00	29.86 0.09 0.00	28.85 0.09 0.00	29.89 0.15 0.00	30.97 0.03 0.00	33.04 0.13 0.00	35.17 0.21 0.00	38.01 0.34 0.00	45.03 0.53 0.00	55.07 1.34 0.00	62.52 2.35 0.00	60.66 2.33 0.00	55.40 2.64 0.00	47.98 2.24 0.00	43.28 1.70 0.00	38.35 1.47 0.00
BLDWN_LI_69_KV_BK4 356085	41.97 3.00 0.00	37.63 2.53 0.00	33.32 1.92 0.00	30.92 1.67 0.00	31.19 1.57 0.00	31.28 1.49 0.00	33.83 2.01 0.00	34.48 2.29 0.00	32.54 2.33 0.00	32.33 2.56 0.00	33.23 2.42 -2.05	34.06 2.53 -1.80	36.00 2.69 -2.37	39.18 2.76 -3.51	39.90 2.90 -2.03	41.36 3.16 -0.52	48.23 3.74 0.00	57.71 3.98 0.00	64.09 3.91 0.00	62.00 3.67 0.00	56.04 3.27 0.00	48.44 2.70 0.00	44.15 2.58 0.00	39.86 2.99 0.00
BLISS_WT_PWR 323608	38.46 -0.51 0.00	34.79 -0.32 0.00	30.84 -0.56 0.00	29.19 -0.06 0.00	29.44 -0.18 0.00	29.67 -0.12 0.00	31.38 -0.45 0.00	31.88 -0.32 0.00	29.79 -0.42 0.00	29.74 -0.03 0.00	28.53 -0.23 0.00	29.68 -0.06 0.00	31.31 0.37 0.00	33.47 0.56 0.00	35.70 0.74 0.00	38.43 0.75 0.00	44.90 0.40 0.00	54.43 0.70 0.00	59.28 -0.90 0.00	57.33 -0.99 0.00	52.34 -0.42 0.00	45.00 -0.73 0.00	40.70 -0.88 0.00	37.46 0.59 0.00
BLUESTONE___WT_PWR 323821	40.64 1.67 0.00	36.65 1.54 0.00	32.76 1.35 0.00	30.57 1.32 0.00	30.87 1.24 0.00	31.07 1.28 0.00	33.23 1.40 0.00	33.45 1.25 0.00	31.20 1.00 0.00	30.46 0.69 0.00	29.40 0.63 0.00	30.42 0.68 0.00	31.61 0.68 0.00	33.77 0.85 0.00	36.01 1.05 0.00	38.92 1.24 0.00	46.10 1.60 0.00	56.20 2.47 0.00	63.07 2.89 0.00	61.18 2.86 0.00	55.88 3.11 0.00	48.30 2.56 0.00	43.69 2.12 0.00	38.90 2.03 0.00
BLUE_CIRC_CHEM_DRP 24182	39.90 0.94 0.00	35.95 0.84 0.00	32.19 0.79 0.00	29.95 0.70 0.00	30.30 0.68 0.00	30.45 0.66 0.00	32.49 0.67 0.00	32.84 0.64 0.00	30.54 0.33 0.00	29.95 0.18 0.00	28.91 0.14 0.00	29.83 0.09 0.00	31.06 0.12 0.00	33.08 0.16 0.00	35.17 0.21 0.00	37.94 0.26 0.00	44.94 0.44 0.00	54.32 0.59 0.00	61.08 0.90 0.00	59.38 1.05 0.00	53.93 1.16 0.00	46.84 1.10 0.00	42.65 1.08 0.00	37.72 0.85 0.00
BOC_GAS_DRP 24189	39.71 0.74 0.00	35.74 0.63 0.00	32.00 0.60 0.00	29.78 0.53 0.00	30.12 0.50 0.00	30.27 0.48 0.00	32.34 0.51 0.00	32.81 0.61 0.00	30.63 0.42 0.00	30.13 0.36 0.00	29.11 0.35 0.00	30.06 0.33 0.00	31.34 0.40 0.00	33.31 0.39 0.00	35.38 0.42 0.00	38.13 0.45 0.00	45.12 0.62 0.00	54.38 0.64 0.00	60.90 0.72 0.00	59.09 0.76 0.00	53.61 0.84 0.00	46.56 0.82 0.00	42.41 0.83 0.00	37.50 0.63 0.00
BOONVILLE_115KV_TB1 79983	39.98 1.01 0.00	35.98 0.88 0.00	32.19 0.79 0.00	29.95 0.70 0.00	30.30 0.68 0.00	30.48 0.69 0.00	32.59 0.76 0.00	32.81 0.61 0.00	30.66 0.45 0.00	30.01 0.24 0.00	28.99 0.23 0.00	30.01 0.27 0.00	31.15 0.22 0.00	33.21 0.30 0.00	35.35 0.38 0.00	38.13 0.45 0.00	45.12 0.62 0.00	54.81 1.07 0.00	61.80 1.62 0.00	59.73 1.40 0.00	54.30 1.53 0.00	47.02 1.28 0.00	42.57 1.00 0.00	37.69 0.81 0.00
BORALEX_4TH_BRANCH 23824	40.87 1.91 0.00	36.79 1.69 0.00	32.79 1.38 0.00	30.57 1.32 0.00	30.92 1.30 0.00	31.10 1.31 0.00	33.16 1.34 0.00	33.81 1.61 0.00	31.42 1.21 0.00	30.78 1.01 0.00	29.71 0.95 0.00	30.63 0.89 0.00	31.89 0.96 0.00	33.93 1.02 0.00	36.08 1.12 0.00	38.88 1.21 0.00	46.14 1.65 0.00	55.77 2.04 0.00	62.58 2.41 0.00	60.78 2.45 0.00	55.30 2.53 0.00	48.07 2.33 0.00	43.82 2.24 0.00	38.68 1.81 0.00
BOWLINE___1 23526	40.45 1.48 0.00	36.40 1.30 0.00	32.44 1.03 0.00	30.19 0.94 0.00	30.54 0.92 0.00	30.74 0.95 0.00	32.94 1.11 0.00	33.49 1.29 0.00	31.54 1.33 0.00	31.14 1.37 0.00	30.14 1.38 0.00	31.19 1.46 0.00	32.60 1.67 0.00	34.59 1.68 0.00	36.68 1.71 0.00	39.52 1.85 0.00	46.59 2.09 0.00	55.82 2.09 0.00	62.28 2.11 0.00	60.37 2.04 0.00	54.77 2.00 0.00	47.61 1.88 0.00	43.40 1.83 0.00	38.35 1.48 0.00
BOWLINE___2 23595	40.48 1.52 0.00	36.44 1.33 0.00	32.47 1.07 0.00	30.21 0.96 0.00	30.54 0.92 0.00	30.74 0.95 0.00	32.97 1.14 0.00	33.52 1.32 0.00	31.54 1.33 0.00	31.14 1.37 0.00	30.14 1.38 0.00	31.22 1.49 0.00	32.64 1.70 0.00	34.62 1.71 0.00	36.71 1.75 0.00	39.56 1.88 0.00	46.68 2.18 0.00	55.93 2.20 0.00	62.40 2.23 0.00	60.42 2.10 0.00	54.88 2.11 0.00	47.70 1.97 0.00	43.45 1.87 0.00	38.42 1.55 0.00
BRADY___115KV_TB2 356060	40.02 1.05 0.00	36.09 0.98 0.00	32.25 0.85 0.00	29.83 0.58 0.00	30.30 0.68 0.00	30.50 0.71 0.00	32.62 0.80 0.00	32.71 0.52 0.00	30.69 0.48 0.00	30.22 0.45 0.00	29.20 0.43 0.00	30.18 0.45 0.00	31.31 0.37 0.00	33.27 0.36 0.00	35.31 0.35 0.00	38.01 0.34 0.00	44.81 0.31 0.00	54.32 0.59 0.00	61.32 1.14 0.00	59.61 1.28 0.00	53.82 1.06 0.00	46.61 0.87 0.00	42.28 0.71 0.00	37.46 0.59 0.00
BRANSCOMB___SOLAR 323811	40.45 1.48 0.00	36.47 1.37 0.00	32.53 1.13 0.00	30.25 1.00 0.00	30.69 1.06 0.00	30.86 1.07 0.00	32.97 1.14 0.00	33.36 1.16 0.00	30.87 0.66 0.00	30.19 0.42 0.00	28.99 0.23 0.00	29.92 0.18 0.00	31.15 0.22 0.00	33.24 0.33 0.00	35.42 0.45 0.00	38.24 0.57 0.00	45.43 0.94 0.00	54.91 1.18 0.00	62.28 2.11 0.00	60.66 2.34 0.00	55.30 2.53 0.00	47.93 2.20 0.00	43.65 2.08 0.00	38.57 1.70 0.00
BRDGHMPT_69_KV_BK1 55812	42.94 3.97 0.00	38.37 3.26 0.00	33.67 2.26 0.00	31.18 1.93 0.00	31.40 1.78 0.00	31.46 1.67 0.00	34.31 2.48 0.00	35.22 3.03 0.00	33.38 3.17 0.00	33.52 3.75 0.00	34.46 3.65 -2.05	35.16 3.63 -1.80	37.17 3.87 -2.37	40.37 3.95 -3.51	41.20 4.20 -2.03	42.98 4.78 -0.52	50.06 5.56 0.00	60.18 6.45 0.00	66.62 6.44 0.00	64.33 6.01 0.00	58.09 5.33 0.00	49.81 4.07 0.00	45.27 3.70 0.00	40.93 4.06 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	42.47 3.51 0.00	38.05 2.95 0.00	33.60 2.20 0.00	31.18 1.93 0.00	31.40 1.78 0.00	31.52 1.73 0.00	34.18 2.36 0.00	34.87 2.67 0.00	32.90 2.69 0.00	32.81 3.04 0.00	33.63 2.82 -2.05	34.42 2.88 -1.80	36.34 3.03 -2.37	39.48 3.06 -3.51	40.22 3.22 -2.03	41.73 3.54 -0.52	48.55 4.05 0.00	58.19 4.46 0.00	64.51 4.33 0.00	62.41 4.08 0.00	56.46 3.69 0.00	48.62 2.88 0.00	44.28 2.70 0.00	40.16 3.28 0.00
BRISTLHL_115KV_TB1 79998	38.22 -0.74 0.00	34.44 -0.67 0.00	30.84 -0.57 0.00	28.81 -0.44 0.00	29.15 -0.47 0.00	29.28 -0.51 0.00	31.25 -0.57 0.00	31.59 -0.61 0.00	29.54 -0.66 0.00	29.18 -0.60 0.00	28.16 -0.60 0.00	29.11 -0.62 0.00	30.29 -0.65 0.00	32.25 -0.66 0.00	34.27 -0.70 0.00	36.96 -0.72 0.00	43.65 -0.85 0.00	52.87 -0.86 0.00	59.15 -1.02 0.00	57.28 -1.05 0.00	52.08 -0.69 0.00	45.05 -0.69 0.00	40.87 -0.71 0.00	36.36 -0.52 0.00
BROOKHAVEN___DRP 24191	42.36 3.39 0.00	37.91 2.81 0.00	33.35 1.95 0.00	30.95 1.70 0.00	31.16 1.54 0.00	31.25 1.46 0.00	34.09 2.26 0.00	34.84 2.64 0.00	32.90 2.69 0.00	32.87 3.10 0.00	33.72 2.91 -2.05	34.33 2.80 -1.80	36.21 2.91 -2.37	39.28 2.86 -3.51	39.94 2.94 -2.03	41.47 3.28 -0.52	48.23 3.74 0.00	57.87 4.14 0.00	64.09 3.91 0.00	61.94 3.62 0.00	56.14 3.38 0.00	48.21 2.47 0.00	43.90 2.33 0.00	39.79 2.91 0.00
BROOKLYN_NAVY_YARD 23515	41.11 2.14 0.00	36.93 1.82 0.00	32.88 1.48 0.00	30.57 1.32 0.00	30.87 1.24 0.00	31.10 1.31 0.00	33.45 1.62 0.00	34.06 1.87 0.00	32.11 1.90 0.00	31.77 2.00 0.00	30.75 1.98 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.45 2.48 0.00	40.39 2.71 0.00	47.61 3.11 0.00	56.85 3.12 0.00	63.30 3.13 0.00	61.30 2.97 0.00	55.67 2.90 0.00	48.39 2.65 0.00	44.19 2.62 0.00	38.98 2.10 0.00
BROOKLYN___ARMY_DRP 323595	41.61 2.65 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.34 1.72 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.14 1.93 0.00	31.95 2.17 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
BROOME_2_LFGE 323671	39.04 0.08 0.00	35.21 0.11 0.00	31.44 0.03 0.00	29.43 0.18 0.00	29.74 0.12 0.00	29.91 0.12 0.00	31.86 0.03 0.00	32.23 0.03 0.00	30.18 -0.03 0.00	29.80 0.03 0.00	28.76 0.00 0.00	29.77 0.03 0.00	31.06 0.12 0.00	33.08 0.17 0.00	35.18 0.21 0.00	37.90 0.23 0.00	44.72 0.22 0.00	54.21 0.48 0.00	60.30 0.12 0.00	58.44 0.12 0.00	53.19 0.42 0.00	45.97 0.23 0.00	41.70 0.13 0.00	37.28 0.41 0.00
BROOME___LFGE 323600	39.04 0.08 0.00	35.21 0.11 0.00	31.44 0.03 0.00	29.43 0.18 0.00	29.74 0.12 0.00	29.91 0.12 0.00	31.86 0.03 0.00	32.23 0.03 0.00	30.18 -0.03 0.00	29.80 0.03 0.00	28.76 0.00 0.00	29.77 0.03 0.00	31.06 0.12 0.00	33.08 0.17 0.00	35.18 0.21 0.00	37.90 0.23 0.00	44.72 0.22 0.00	54.21 0.48 0.00	60.30 0.12 0.00	58.44 0.12 0.00	53.19 0.42 0.00	45.97 0.23 0.00	41.70 0.13 0.00	37.28 0.41 0.00
BROWNFLS_115KV_TB_3_5 80003	40.02 1.05 0.00	36.05 0.95 0.00	32.22 0.82 0.00	29.86 0.61 0.00	30.27 0.65 0.00	30.45 0.66 0.00	32.59 0.76 0.00	32.71 0.52 0.00	30.60 0.39 0.00	30.01 0.24 0.00	29.02 0.26 0.00	30.01 0.27 0.00	31.12 0.19 0.00	33.14 0.23 0.00	35.21 0.24 0.00	37.98 0.30 0.00	44.81 0.31 0.00	54.48 0.75 0.00	61.56 1.38 0.00	59.61 1.28 0.00	54.03 1.27 0.00	46.84 1.10 0.00	42.36 0.79 0.00	37.50 0.63 0.00
BROWNSV1_27_KV_LOAD 356125	41.46 2.49 0.00	37.25 2.14 0.00	33.23 1.82 0.00	30.89 1.64 0.00	31.22 1.60 0.00	31.40 1.61 0.00	33.80 1.97 0.00	34.36 2.16 0.00	32.38 2.18 0.00	32.04 2.26 0.00	31.07 2.30 0.00	32.18 2.44 0.00	33.53 2.60 0.00	35.54 2.63 0.00	37.73 2.76 0.00	40.69 3.01 0.00	48.01 3.52 0.00	57.38 3.65 0.00	63.85 3.67 0.00	61.83 3.50 0.00	56.14 3.38 0.00	48.80 3.06 0.00	44.57 2.99 0.00	39.35 2.47 0.00
BURROWS___LYONSDAL 23803	39.98 1.01 0.00	36.02 0.91 0.00	32.22 0.82 0.00	29.98 0.73 0.00	30.33 0.71 0.00	30.48 0.69 0.00	32.62 0.80 0.00	32.81 0.61 0.00	30.66 0.45 0.00	29.98 0.21 0.00	28.97 0.20 0.00	29.98 0.24 0.00	31.09 0.15 0.00	33.14 0.23 0.00	35.28 0.31 0.00	38.09 0.41 0.00	45.03 0.53 0.00	54.75 1.02 0.00	61.80 1.62 0.00	59.67 1.34 0.00	54.24 1.48 0.00	46.97 1.23 0.00	42.49 0.91 0.00	37.65 0.77 0.00
CAITHNESS_CC_1 323624	42.21 3.23 -0.01	37.84 2.74 0.00	33.23 1.82 0.00	30.77 1.52 0.00	30.87 1.24 0.00	31.07 1.28 0.00	33.93 2.10 0.00	34.61 2.42 0.00	32.75 2.54 0.00	32.70 2.92 -0.01	33.49 2.68 -2.05	34.15 2.62 -1.80	36.06 2.75 -2.37	39.21 2.80 -3.51	39.90 2.90 -2.03	41.39 3.20 -0.52	48.15 3.65 0.00	57.71 3.98 0.00	63.97 3.79 0.00	61.71 3.38 0.00	56.04 3.27 0.00	48.16 2.42 0.00	43.82 2.24 0.00	39.65 2.77 -0.01
CALPINE BETH_PAGE_GT4 24209	42.00 3.04 0.00	37.63 2.53 0.00	33.32 1.92 0.00	30.95 1.70 0.00	31.19 1.57 0.00	31.31 1.52 0.00	33.86 2.04 0.00	34.52 2.32 0.00	32.57 2.36 0.00	32.39 2.62 0.00	33.26 2.44 -2.05	34.09 2.56 -1.80	36.03 2.72 -2.37	39.22 2.80 -3.51	39.94 2.94 -2.03	41.32 3.13 -0.52	47.92 3.43 0.00	57.38 3.65 0.00	63.67 3.49 0.00	61.59 3.27 0.00	55.72 2.95 0.00	48.12 2.38 0.00	43.98 2.41 0.00	39.75 2.88 0.00
CALPINE_BETH_PAGE_GT_4 323586	41.93 2.96 -0.01	37.63 2.53 0.00	33.26 1.85 0.00	30.80 1.55 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.74 1.91 0.00	34.39 2.19 0.00	32.50 2.29 0.00	32.34 2.56 -0.01	33.20 2.39 -2.05	34.03 2.50 -1.80	36.06 2.75 -2.37	39.25 2.83 -3.51	39.94 2.94 -2.03	41.32 3.13 -0.52	47.92 3.43 0.00	57.28 3.55 0.00	63.67 3.49 0.00	61.47 3.15 0.00	55.72 2.95 0.00	48.12 2.38 0.00	43.98 2.41 0.00	39.68 2.80 -0.01
CALPINE_BP_GT1 23823	41.93 2.96 -0.01	37.63 2.53 0.00	33.26 1.85 0.00	30.80 1.55 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.74 1.91 0.00	34.39 2.19 0.00	32.50 2.29 0.00	32.34 2.56 -0.01	33.20 2.39 -2.05	34.03 2.50 -1.80	36.06 2.75 -2.37	39.25 2.83 -3.51	39.94 2.94 -2.03	41.32 3.13 -0.52	47.92 3.43 0.00	57.28 3.55 0.00	63.67 3.49 0.00	61.47 3.15 0.00	55.72 2.95 0.00	48.12 2.38 0.00	43.98 2.41 0.00	39.68 2.80 -0.01
CALSPAN___DRP 24200	38.65 -0.31 0.00	35.00 -0.11 0.00	30.75 -0.66 0.00	29.45 0.20 0.00	29.68 0.06 0.00	29.91 0.12 0.00	31.60 -0.22 0.00	32.00 -0.19 0.00	29.79 -0.42 0.00	29.71 -0.06 0.00	28.51 -0.26 0.00	29.56 -0.18 0.00	31.18 0.25 0.00	33.24 0.33 0.00	35.56 0.59 0.00	38.43 0.75 0.00	44.81 0.31 0.00	53.95 0.21 0.00	59.09 -1.08 0.00	56.99 -1.34 0.00	52.18 -0.58 0.00	44.91 -0.82 0.00	40.66 -0.91 0.00	37.65 0.77 0.00

CALVERTON___SOLAR 323806	42.40 3.43 -0.01	38.02 2.91 0.00	33.32 1.92 0.00	30.83 1.58 0.00	30.92 1.30 0.00	31.13 1.34 0.00	34.05 2.23 0.00	34.77 2.58 0.00	32.93 2.72 0.00	32.91 3.13 -0.01	33.66 2.85 -2.05	34.30 2.77 -1.80	36.21 2.91 -2.37	39.38 2.96 -3.51	40.04 3.04 -2.03	41.58 3.39 -0.52	48.41 3.92 0.00	58.08 4.35 0.00	64.39 4.21 0.00	62.12 3.79 0.00	56.36 3.59 0.00	48.39 2.65 0.00	44.03 2.45 0.00	39.79 2.91 -0.01
CANDIGU_WT_PWR 323617	38.93 -0.04 0.00	35.14 0.04 0.00	31.28 -0.13 0.00	29.46 0.21 0.00	29.71 0.09 0.00	29.91 0.12 0.00	31.70 -0.13 0.00	31.97 -0.22 0.00	29.76 -0.45 0.00	29.50 -0.27 0.00	28.30 -0.46 0.00	29.35 -0.39 0.00	30.78 -0.15 0.00	32.85 -0.07 0.00	35.00 0.04 0.00	37.75 0.08 0.00	44.32 -0.18 0.00	53.89 0.16 0.00	59.52 -0.66 0.00	57.86 -0.47 0.00	52.92 0.16 0.00	45.65 -0.09 0.00	41.37 -0.21 0.00	37.57 0.70 0.00
CARR STREET_E_SYR 24060	38.22 -0.74 0.00	34.54 -0.56 0.00	31.06 -0.34 0.00	29.01 -0.24 0.00	29.33 -0.30 0.00	29.49 -0.30 0.00	31.48 -0.35 0.00	31.81 -0.38 0.00	29.76 -0.45 0.00	29.38 -0.39 0.00	28.36 -0.40 0.00	29.35 -0.39 0.00	30.50 -0.43 0.00	32.48 -0.43 0.00	34.44 -0.52 0.00	37.03 -0.64 0.00	43.74 -0.76 0.00	52.98 -0.75 0.00	59.21 -0.97 0.00	57.33 -0.99 0.00	52.08 -0.69 0.00	45.05 -0.68 0.00	40.91 -0.67 0.00	36.39 -0.48 0.00
CARTHAGE___PAPER 23857	40.37 1.40 0.00	36.37 1.26 0.00	32.53 1.13 0.00	30.21 0.96 0.00	30.57 0.95 0.00	30.68 0.89 0.00	32.84 1.02 0.00	32.91 0.71 0.00	30.69 0.48 0.00	29.92 0.15 0.00	28.91 0.14 0.00	29.92 0.18 0.00	31.00 0.06 0.00	33.08 0.17 0.00	35.18 0.21 0.00	37.97 0.30 0.00	44.94 0.44 0.00	54.86 1.13 0.00	62.22 2.05 0.00	60.25 1.92 0.00	54.93 2.16 0.00	47.57 1.83 0.00	42.94 1.37 0.00	38.02 1.14 0.00
CASSADAGA_WT_PWR 323784	39.12 0.16 0.00	35.42 0.32 0.00	31.44 0.03 0.00	29.75 0.50 0.00	29.98 0.36 0.00	30.21 0.42 0.00	31.95 0.13 0.00	32.43 0.23 0.00	30.30 0.09 0.00	30.25 0.47 0.00	29.08 0.32 0.00	30.27 0.54 0.00	31.95 1.02 0.00	34.16 1.25 0.00	36.43 1.47 0.00	39.22 1.55 0.00	45.79 1.29 0.00	55.56 1.83 0.00	60.54 0.36 0.00	58.62 0.29 0.00	53.45 0.68 0.00	45.97 0.23 0.00	41.53 -0.04 0.00	38.24 1.37 0.00
CE_DUNWOOD___DRP 24194	40.84 1.87 0.00	36.72 1.61 0.00	32.79 1.38 0.00	30.51 1.26 0.00	30.84 1.21 0.00	31.01 1.22 0.00	33.29 1.46 0.00	33.87 1.67 0.00	31.84 1.63 0.00	31.47 1.70 0.00	30.49 1.73 0.00	31.52 1.78 0.00	32.88 1.95 0.00	34.89 1.97 0.00	36.99 2.03 0.00	39.90 2.22 0.00	47.08 2.58 0.00	56.36 2.63 0.00	62.88 2.71 0.00	60.95 2.62 0.00	55.30 2.53 0.00	48.07 2.33 0.00	43.82 2.24 0.00	38.76 1.88 0.00
CE_MILLWOOD___DRP 24193	40.72 1.75 0.00	36.61 1.51 0.00	32.69 1.29 0.00	30.42 1.17 0.00	30.75 1.13 0.00	30.95 1.16 0.00	33.23 1.40 0.00	33.78 1.58 0.00	31.75 1.54 0.00	31.35 1.58 0.00	30.35 1.58 0.00	31.40 1.67 0.00	32.76 1.83 0.00	34.72 1.81 0.00	36.89 1.92 0.00	39.75 2.07 0.00	46.94 2.45 0.00	56.20 2.47 0.00	62.70 2.53 0.00	60.78 2.45 0.00	55.14 2.37 0.00	47.93 2.20 0.00	43.69 2.12 0.00	38.64 1.77 0.00
CE_NYC2_DRP 24202	41.34 2.38 0.00	37.11 2.00 0.00	33.13 1.73 0.00	30.83 1.58 0.00	31.13 1.51 0.00	31.34 1.55 0.00	33.64 1.81 0.00	34.10 1.90 0.00	32.08 1.87 0.00	31.86 2.08 0.00	30.95 2.19 0.00	32.03 2.29 0.00	33.38 2.44 0.00	35.38 2.47 0.00	37.55 2.59 0.00	40.50 2.83 0.00	47.79 3.29 0.00	56.63 2.90 0.00	62.82 2.65 0.00	60.83 2.51 0.00	55.30 2.53 0.00	48.44 2.70 0.00	44.36 2.79 0.00	39.20 2.32 0.00
CE_NYC_DRP 24195	41.19 2.22 0.00	37.00 1.90 0.00	33.01 1.60 0.00	30.71 1.46 0.00	31.04 1.42 0.00	31.22 1.43 0.00	33.58 1.75 0.00	34.16 1.96 0.00	32.17 1.96 0.00	31.83 2.05 0.00	30.84 2.07 0.00	31.94 2.20 0.00	33.32 2.38 0.00	35.28 2.37 0.00	37.45 2.48 0.00	40.42 2.75 0.00	47.66 3.16 0.00	56.95 3.22 0.00	63.43 3.25 0.00	61.36 3.03 0.00	55.72 2.95 0.00	48.48 2.74 0.00	44.23 2.66 0.00	39.09 2.21 0.00
CHAFFEE___LFGE 323603	38.69 -0.27 0.00	35.00 -0.10 0.00	31.09 -0.31 0.00	29.40 0.15 0.00	29.62 0.00 0.00	29.79 0.00 0.00	31.51 -0.32 0.00	31.94 -0.26 0.00	29.79 -0.42 0.00	29.74 -0.03 0.00	28.53 -0.23 0.00	29.65 -0.09 0.00	31.31 0.37 0.00	33.47 0.56 0.00	35.73 0.77 0.00	38.50 0.83 0.00	44.94 0.44 0.00	54.48 0.75 0.00	59.33 -0.84 0.00	57.33 -0.99 0.00	52.34 -0.42 0.00	45.00 -0.73 0.00	40.78 -0.79 0.00	37.72 0.85 0.00
CHATEAUG_35_KV_LOAD 355732	39.63 0.66 0.00	35.70 0.60 0.00	31.91 0.50 0.00	29.57 0.32 0.00	30.04 0.41 0.00	30.18 0.39 0.00	32.24 0.41 0.00	32.46 0.26 0.00	30.54 0.33 0.00	30.10 0.33 0.00	29.08 0.32 0.00	30.06 0.33 0.00	31.18 0.25 0.00	33.11 0.20 0.00	35.10 0.14 0.00	37.71 0.04 0.00	44.50 0.00 0.00	53.78 0.05 0.00	60.60 0.42 0.00	58.79 0.47 0.00	52.82 0.05 0.00	45.65 -0.09 0.00	41.32 -0.25 0.00	36.51 -0.37 0.00
CHATEAUG_WT_PWR 323614	39.59 0.62 0.00	35.63 0.53 0.00	31.88 0.47 0.00	29.54 0.29 0.00	30.01 0.38 0.00	30.15 0.36 0.00	32.21 0.38 0.00	32.45 0.26 0.00	30.54 0.33 0.00	30.13 0.36 0.00	29.11 0.35 0.00	30.07 0.33 0.00	31.24 0.31 0.00	33.14 0.23 0.00	35.18 0.21 0.00	37.83 0.15 0.00	44.54 0.04 0.00	53.89 0.16 0.00	60.60 0.42 0.00	58.74 0.41 0.00	52.77 0.00 0.00	45.60 -0.14 0.00	41.33 -0.25 0.00	36.51 -0.37 0.00
CHAT_HIGH_FALL_HYD 323578	39.63 0.66 0.00	35.70 0.60 0.00	31.91 0.50 0.00	29.57 0.32 0.00	30.04 0.41 0.00	30.18 0.39 0.00	32.24 0.41 0.00	32.46 0.26 0.00	30.54 0.33 0.00	30.10 0.33 0.00	29.08 0.32 0.00	30.06 0.33 0.00	31.18 0.25 0.00	33.11 0.20 0.00	35.10 0.14 0.00	37.71 0.04 0.00	44.50 0.00 0.00	53.78 0.05 0.00	60.60 0.42 0.00	58.79 0.47 0.00	52.82 0.05 0.00	45.65 -0.09 0.00	41.32 -0.25 0.00	36.51 -0.37 0.00
CHAUTAUQUA___LFGE 323629	38.97 0.00 0.00	35.25 0.14 0.00	31.31 -0.09 0.00	29.60 0.35 0.00	29.86 0.24 0.00	30.06 0.27 0.00	31.76 -0.06 0.00	32.20 0.00 0.00	30.06 -0.15 0.00	30.04 0.27 0.00	28.82 0.06 0.00	29.97 0.24 0.00	31.61 0.68 0.00	33.80 0.89 0.00	36.05 1.09 0.00	38.84 1.17 0.00	45.34 0.84 0.00	54.97 1.24 0.00	59.88 -0.30 0.00	57.98 -0.35 0.00	52.92 0.16 0.00	45.51 -0.23 0.00	41.20 -0.37 0.00	37.98 1.11 0.00
CHERRYST_13_KV_LD 356241	41.30 2.34 0.00	37.07 1.97 0.00	33.10 1.70 0.00	30.80 1.55 0.00	31.10 1.48 0.00	31.31 1.52 0.00	33.67 1.85 0.00	34.26 2.06 0.00	32.26 2.05 0.00	31.92 2.14 0.00	30.95 2.19 0.00	32.03 2.29 0.00	33.41 2.47 0.00	35.41 2.50 0.00	37.59 2.62 0.00	40.54 2.86 0.00	47.83 3.34 0.00	57.12 3.39 0.00	63.61 3.43 0.00	61.59 3.27 0.00	55.88 3.11 0.00	48.62 2.88 0.00	44.36 2.79 0.00	39.16 2.29 0.00

CHESTROR_138KV_BK263 355645	40.29 1.32 0.00	36.26 1.16 0.00	32.38 0.97 0.00	30.13 0.88 0.00	30.48 0.86 0.00	30.65 0.86 0.00	32.88 1.05 0.00	33.36 1.16 0.00	31.33 1.12 0.00	30.90 1.13 0.00	29.91 1.15 0.00	30.93 1.19 0.00	32.23 1.30 0.00	34.26 1.35 0.00	36.33 1.36 0.00	39.18 1.51 0.00	46.32 1.82 0.00	55.61 1.88 0.00	62.16 1.99 0.00	60.25 1.92 0.00	54.66 1.90 0.00	47.48 1.74 0.00	43.24 1.66 0.00	38.20 1.33 0.00
CH_MIDHUDSON___DRP 24192	40.60 1.64 0.00	36.54 1.44 0.00	32.60 1.19 0.00	30.36 1.11 0.00	30.72 1.10 0.00	30.86 1.07 0.00	33.13 1.30 0.00	33.61 1.42 0.00	31.48 1.27 0.00	31.02 1.25 0.00	30.03 1.27 0.00	31.05 1.31 0.00	32.39 1.45 0.00	34.39 1.48 0.00	36.54 1.57 0.00	39.45 1.77 0.00	46.63 2.14 0.00	56.04 2.31 0.00	62.64 2.47 0.00	60.78 2.45 0.00	55.14 2.37 0.00	47.89 2.15 0.00	43.61 2.04 0.00	38.53 1.66 0.00
CH_MISC_IPPS 23765	40.80 1.83 0.00	36.69 1.58 0.00	32.66 1.26 0.00	30.39 1.14 0.00	30.75 1.13 0.00	30.92 1.13 0.00	33.19 1.37 0.00	33.68 1.48 0.00	31.54 1.33 0.00	31.08 1.31 0.00	30.09 1.32 0.00	31.11 1.37 0.00	32.51 1.58 0.00	34.59 1.68 0.00	36.71 1.75 0.00	39.63 1.96 0.00	46.90 2.40 0.00	56.36 2.63 0.00	63.07 2.89 0.00	61.13 2.80 0.00	55.51 2.74 0.00	48.16 2.42 0.00	43.82 2.24 0.00	38.72 1.84 0.00
CH_RES_BVR_FALLS 23983	38.97 0.00 0.00	35.14 0.04 0.00	31.44 0.03 0.00	29.22 -0.03 0.00	29.62 0.00 0.00	29.79 0.00 0.00	31.83 0.00 0.00	32.17 -0.03 0.00	30.21 0.00 0.00	29.77 0.00 0.00	28.76 0.00 0.00	29.74 0.00 0.00	30.90 -0.03 0.00	32.85 -0.07 0.00	34.86 -0.10 0.00	37.52 -0.15 0.00	44.28 -0.22 0.00	53.46 -0.27 0.00	60.00 -0.18 0.00	58.09 -0.23 0.00	52.45 -0.31 0.00	45.42 -0.32 0.00	41.24 -0.33 0.00	36.51 -0.37 0.00
CH_RES_NIAGARA 23895	38.38 -0.58 0.00	34.75 -0.35 0.00	30.53 -0.88 0.00	29.28 0.03 0.00	29.50 -0.12 0.00	29.70 -0.09 0.00	30.81 -1.02 0.00	31.75 -0.45 0.00	28.97 -1.24 0.00	29.39 -0.39 0.00	27.84 -0.92 0.00	28.76 -0.98 0.00	30.32 -0.62 0.00	32.32 -0.59 0.00	34.58 -0.38 0.00	37.34 -0.34 0.00	43.47 -1.02 0.00	52.33 -1.40 0.00	57.11 -3.07 0.00	55.00 -3.32 0.00	50.44 -2.32 0.00	43.45 -2.29 0.00	39.45 -2.12 0.00	36.73 -0.15 0.00
CH_RES_SYRACUSE 23985	38.61 -0.35 0.00	34.79 -0.32 0.00	31.22 -0.19 0.00	29.16 -0.09 0.00	29.47 -0.15 0.00	29.64 -0.15 0.00	31.64 -0.19 0.00	31.94 -0.26 0.00	29.91 -0.30 0.00	29.50 -0.27 0.00	28.50 -0.26 0.00	29.47 -0.27 0.00	30.63 -0.31 0.00	32.61 -0.30 0.00	34.65 -0.32 0.00	37.37 -0.30 0.00	44.14 -0.36 0.00	53.52 -0.21 0.00	59.82 -0.36 0.00	57.92 -0.41 0.00	52.61 -0.16 0.00	45.51 -0.23 0.00	41.33 -0.25 0.00	36.76 -0.11 0.00
CLINTON_WT_PWR 323605	39.59 0.62 0.00	35.63 0.53 0.00	31.88 0.47 0.00	29.54 0.29 0.00	30.01 0.38 0.00	30.15 0.36 0.00	32.21 0.38 0.00	32.45 0.26 0.00	30.54 0.33 0.00	30.13 0.36 0.00	29.11 0.35 0.00	30.07 0.33 0.00	31.24 0.31 0.00	33.14 0.23 0.00	35.18 0.21 0.00	37.83 0.15 0.00	44.54 0.04 0.00	53.89 0.16 0.00	60.60 0.42 0.00	58.74 0.41 0.00	52.77 0.00 0.00	45.60 -0.14 0.00	41.33 -0.25 0.00	36.51 -0.37 0.00
CLINTON___LFGE 323618	40.21 1.25 0.00	36.23 1.12 0.00	32.38 0.97 0.00	30.01 0.76 0.00	30.48 0.86 0.00	30.59 0.80 0.00	32.72 0.89 0.00	32.91 0.71 0.00	30.96 0.76 0.00	30.58 0.80 0.00	29.51 0.75 0.00	30.51 0.77 0.00	31.68 0.74 0.00	33.60 0.69 0.00	35.63 0.66 0.00	38.35 0.68 0.00	45.17 0.67 0.00	54.70 0.97 0.00	61.56 1.39 0.00	59.67 1.34 0.00	53.72 0.95 0.00	46.38 0.64 0.00	41.99 0.42 0.00	37.10 0.22 0.00
COBBLENY_34_KV_TB1 80064	38.61 -0.35 0.00	35.00 -0.11 0.00	30.75 -0.66 0.00	29.43 0.18 0.00	29.65 0.03 0.00	29.91 0.12 0.00	31.64 -0.19 0.00	32.04 -0.16 0.00	29.82 -0.39 0.00	29.74 -0.03 0.00	28.53 -0.23 0.00	29.62 -0.12 0.00	31.24 0.31 0.00	33.31 0.39 0.00	35.63 0.66 0.00	38.50 0.83 0.00	44.90 0.40 0.00	54.05 0.32 0.00	59.27 -0.90 0.00	57.16 -1.17 0.00	52.34 -0.42 0.00	45.01 -0.73 0.00	40.74 -0.83 0.00	37.65 0.77 0.00
COFFEEN___115KV_TB3 355620	40.68 1.71 0.00	36.65 1.54 0.00	32.79 1.38 0.00	30.48 1.23 0.00	30.81 1.18 0.00	30.92 1.13 0.00	33.07 1.24 0.00	33.07 0.87 0.00	30.75 0.54 0.00	29.92 0.15 0.00	28.91 0.14 0.00	29.92 0.18 0.00	31.03 0.09 0.00	33.11 0.20 0.00	35.24 0.28 0.00	38.13 0.45 0.00	45.16 0.67 0.00	55.29 1.56 0.00	62.88 2.71 0.00	61.07 2.74 0.00	55.88 3.11 0.00	48.35 2.61 0.00	43.61 2.04 0.00	38.61 1.73 0.00
COLDSPRG_115KV_BK1 355956	38.81 -0.16 0.00	35.21 0.11 0.00	30.93 -0.47 0.00	29.60 0.35 0.00	29.83 0.21 0.00	30.15 0.36 0.00	31.95 0.13 0.00	32.39 0.19 0.00	30.24 0.03 0.00	30.13 0.36 0.00	28.99 0.23 0.00	30.12 0.39 0.00	31.77 0.84 0.00	33.83 0.92 0.00	36.15 1.19 0.00	39.07 1.39 0.00	45.61 1.11 0.00	54.91 1.18 0.00	60.30 0.12 0.00	58.33 0.00 0.00	53.29 0.53 0.00	45.83 0.09 0.00	41.32 -0.25 0.00	37.91 1.03 0.00
COLONIE_LFGE___ 323577	40.33 1.36 0.00	36.30 1.19 0.00	32.38 0.97 0.00	30.16 0.91 0.00	30.51 0.89 0.00	30.68 0.89 0.00	32.78 0.95 0.00	33.26 1.06 0.00	30.93 0.72 0.00	30.34 0.56 0.00	29.25 0.49 0.00	30.18 0.45 0.00	31.49 0.56 0.00	33.50 0.59 0.00	35.66 0.70 0.00	38.47 0.79 0.00	45.61 1.11 0.00	55.07 1.34 0.00	61.98 1.80 0.00	60.19 1.87 0.00	54.72 1.95 0.00	47.52 1.78 0.00	43.28 1.71 0.00	38.24 1.37 0.00
COOPERNY_115KV_TB1 80082	39.86 0.90 0.00	35.91 0.81 0.00	32.07 0.66 0.00	29.89 0.64 0.00	30.21 0.59 0.00	30.42 0.63 0.00	32.56 0.73 0.00	33.00 0.80 0.00	30.99 0.79 0.00	30.55 0.77 0.00	29.57 0.81 0.00	30.60 0.86 0.00	31.86 0.93 0.00	33.87 0.95 0.00	35.94 0.98 0.00	38.77 1.09 0.00	45.79 1.29 0.00	55.07 1.34 0.00	61.56 1.38 0.00	59.61 1.28 0.00	54.14 1.37 0.00	46.97 1.23 0.00	42.74 1.16 0.00	37.83 0.96 0.00
COPENHAGEN_WT_PWR 323753	40.25 1.28 0.00	36.26 1.16 0.00	32.50 1.10 0.00	30.21 0.96 0.00	30.51 0.89 0.00	30.62 0.83 0.00	32.75 0.92 0.00	32.81 0.61 0.00	30.57 0.36 0.00	29.80 0.03 0.00	28.82 0.06 0.00	29.83 0.09 0.00	30.90 -0.03 0.00	32.98 0.07 0.00	35.07 0.11 0.00	37.90 0.23 0.00	44.85 0.35 0.00	54.86 1.13 0.00	62.16 1.98 0.00	60.31 1.98 0.00	55.03 2.27 0.00	47.66 1.92 0.00	43.03 1.45 0.00	38.16 1.29 0.00
CORNELL_____ 23752	39.43 0.47 0.00	35.53 0.42 0.00	31.69 0.28 0.00	29.72 0.47 0.00	30.01 0.39 0.00	30.21 0.42 0.00	32.21 0.38 0.00	32.49 0.29 0.00	30.33 0.12 0.00	29.83 0.06 0.00	28.74 -0.03 0.00	29.71 -0.03 0.00	30.97 0.03 0.00	32.98 0.07 0.00	35.10 0.14 0.00	37.94 0.26 0.00	44.85 0.36 0.00	54.43 0.70 0.00	61.02 0.84 0.00	59.20 0.87 0.00	53.93 1.16 0.00	46.61 0.87 0.00	42.24 0.67 0.00	37.65 0.77 0.00

CORONA V_69_KV_TB1 355595	41.85 2.88 0.00	37.53 2.42 0.00	33.29 1.88 0.00	30.89 1.64 0.00	31.16 1.54 0.00	31.28 1.49 0.00	33.77 1.94 0.00	34.42 2.22 0.00	32.48 2.27 0.00	32.21 2.44 0.00	33.11 2.30 -2.05	33.94 2.41 -1.80	35.90 2.60 -2.37	39.08 2.67 -3.51	39.76 2.76 -2.03	41.24 3.05 -0.52	48.15 3.65 0.00	57.65 3.92 0.00	64.03 3.85 0.00	61.94 3.62 0.00	56.04 3.27 0.00	48.48 2.74 0.00	44.15 2.58 0.00	39.75 2.88 0.00
CORTLAND_115KV_TB3 80093	39.12 0.16 0.00	35.28 0.18 0.00	31.50 0.09 0.00	29.48 0.23 0.00	29.80 0.18 0.00	29.97 0.18 0.00	31.99 0.16 0.00	32.29 0.10 0.00	30.18 -0.03 0.00	29.74 -0.03 0.00	28.68 -0.09 0.00	29.65 -0.09 0.00	30.90 -0.03 0.00	32.91 0.00 0.00	35.00 0.03 0.00	37.75 0.08 0.00	44.63 0.13 0.00	54.05 0.32 0.00	60.54 0.36 0.00	58.68 0.35 0.00	53.40 0.63 0.00	46.20 0.46 0.00	41.86 0.29 0.00	37.28 0.41 0.00
COXSACKIE___GT 23611	41.11 2.14 0.00	36.96 1.86 0.00	32.91 1.51 0.00	30.60 1.35 0.00	31.01 1.39 0.00	31.10 1.31 0.00	33.29 1.46 0.00	33.49 1.29 0.00	30.93 0.72 0.00	30.19 0.42 0.00	29.05 0.29 0.00	29.95 0.21 0.00	31.24 0.31 0.00	33.41 0.49 0.00	35.56 0.59 0.00	38.47 0.79 0.00	45.88 1.38 0.00	55.82 2.09 0.00	63.36 3.19 0.00	61.77 3.44 0.00	56.25 3.48 0.00	48.62 2.88 0.00	44.11 2.54 0.00	38.90 2.03 0.00
CPV_VALLEY___CC1 323721	39.98 1.01 0.00	36.02 0.91 0.00	32.10 0.69 0.00	29.87 0.62 0.00	30.21 0.59 0.00	30.42 0.63 0.00	32.59 0.76 0.00	33.07 0.87 0.00	31.09 0.88 0.00	30.66 0.89 0.00	29.66 0.89 0.00	30.69 0.95 0.00	32.05 1.11 0.00	34.06 1.15 0.00	36.12 1.15 0.00	38.92 1.24 0.00	45.96 1.47 0.00	55.18 1.45 0.00	61.68 1.51 0.00	59.72 1.40 0.00	54.24 1.48 0.00	47.11 1.37 0.00	42.86 1.29 0.00	37.91 1.03 0.00
CPV_VALLEY___CC2 323722	39.98 1.01 0.00	36.02 0.91 0.00	32.10 0.69 0.00	29.87 0.62 0.00	30.21 0.59 0.00	30.42 0.63 0.00	32.59 0.76 0.00	33.07 0.87 0.00	31.09 0.88 0.00	30.66 0.89 0.00	29.66 0.89 0.00	30.69 0.95 0.00	32.05 1.11 0.00	34.06 1.15 0.00	36.12 1.15 0.00	38.92 1.24 0.00	45.96 1.47 0.00	55.18 1.45 0.00	61.68 1.51 0.00	59.72 1.40 0.00	54.24 1.48 0.00	47.11 1.37 0.00	42.86 1.29 0.00	37.91 1.03 0.00
CRESCENT___HYD 24018	40.33 1.36 0.00	36.30 1.19 0.00	32.38 0.97 0.00	30.16 0.91 0.00	30.51 0.89 0.00	30.68 0.89 0.00	32.78 0.95 0.00	33.26 1.06 0.00	30.93 0.72 0.00	30.34 0.56 0.00	29.25 0.49 0.00	30.18 0.45 0.00	31.49 0.56 0.00	33.50 0.59 0.00	35.66 0.70 0.00	38.47 0.79 0.00	45.61 1.11 0.00	55.07 1.34 0.00	61.98 1.80 0.00	60.19 1.87 0.00	54.72 1.95 0.00	47.52 1.78 0.00	43.28 1.71 0.00	38.24 1.37 0.00
CRICKET___VALLEY_CC1 323756	40.21 1.25 0.00	36.19 1.09 0.00	32.22 0.82 0.00	30.01 0.76 0.00	30.33 0.71 0.00	30.54 0.75 0.00	32.69 0.86 0.00	33.26 1.06 0.00	31.11 0.91 0.00	30.61 0.83 0.00	29.63 0.86 0.00	30.60 0.86 0.00	31.95 1.02 0.00	33.93 1.02 0.00	36.05 1.09 0.00	38.84 1.17 0.00	45.96 1.47 0.00	55.23 1.50 0.00	61.80 1.63 0.00	59.90 1.58 0.00	54.40 1.64 0.00	47.34 1.60 0.00	43.15 1.58 0.00	38.09 1.22 0.00
CRICKET___VALLEY_CC2 323757	40.21 1.25 0.00	36.19 1.09 0.00	32.22 0.82 0.00	30.01 0.76 0.00	30.33 0.71 0.00	30.54 0.75 0.00	32.69 0.86 0.00	33.26 1.06 0.00	31.11 0.91 0.00	30.61 0.83 0.00	29.63 0.86 0.00	30.60 0.86 0.00	31.95 1.02 0.00	33.93 1.02 0.00	36.05 1.09 0.00	38.84 1.17 0.00	45.96 1.47 0.00	55.23 1.50 0.00	61.80 1.63 0.00	59.90 1.58 0.00	54.40 1.64 0.00	47.34 1.60 0.00	43.15 1.58 0.00	38.09 1.22 0.00
CRICKET___VALLEY_CC3 323758	40.21 1.25 0.00	36.19 1.09 0.00	32.22 0.82 0.00	30.01 0.76 0.00	30.33 0.71 0.00	30.54 0.75 0.00	32.69 0.86 0.00	33.26 1.06 0.00	31.11 0.91 0.00	30.61 0.83 0.00	29.63 0.86 0.00	30.60 0.86 0.00	31.95 1.02 0.00	33.93 1.02 0.00	36.05 1.09 0.00	38.84 1.17 0.00	45.96 1.47 0.00	55.23 1.50 0.00	61.80 1.63 0.00	59.90 1.58 0.00	54.40 1.64 0.00	47.34 1.60 0.00	43.15 1.58 0.00	38.09 1.22 0.00
CRUCIBLE_METL_DRP 24180	38.61 -0.35 0.00	34.79 -0.32 0.00	31.12 -0.28 0.00	29.13 -0.12 0.00	29.44 -0.18 0.00	29.61 -0.18 0.00	31.57 -0.25 0.00	31.91 -0.29 0.00	29.85 -0.36 0.00	29.47 -0.30 0.00	28.45 -0.32 0.00	29.41 -0.33 0.00	30.59 -0.34 0.00	32.62 -0.30 0.00	34.65 -0.31 0.00	37.37 -0.30 0.00	44.14 -0.36 0.00	53.46 -0.27 0.00	59.82 -0.36 0.00	57.92 -0.41 0.00	52.61 -0.16 0.00	45.51 -0.23 0.00	41.28 -0.29 0.00	36.76 -0.11 0.00
DAHOWA___HYDRO 323763	40.48 1.52 0.00	36.51 1.41 0.00	32.57 1.16 0.00	30.27 1.02 0.00	30.72 1.10 0.00	30.92 1.13 0.00	33.00 1.18 0.00	33.39 1.19 0.00	30.90 0.70 0.00	30.22 0.45 0.00	28.97 0.20 0.00	29.89 0.15 0.00	31.12 0.19 0.00	33.24 0.33 0.00	35.39 0.42 0.00	38.24 0.57 0.00	45.47 0.98 0.00	54.97 1.24 0.00	62.46 2.29 0.00	60.83 2.51 0.00	55.51 2.74 0.00	48.02 2.29 0.00	43.78 2.20 0.00	38.68 1.81 0.00
DANC___LFGE 323619	39.47 0.51 0.00	35.56 0.46 0.00	31.88 0.47 0.00	29.69 0.44 0.00	29.98 0.36 0.00	30.09 0.30 0.00	32.11 0.29 0.00	32.26 0.06 0.00	30.12 -0.09 0.00	29.47 -0.30 0.00	28.50 -0.26 0.00	29.53 -0.21 0.00	30.60 -0.34 0.00	32.65 -0.26 0.00	34.68 -0.28 0.00	37.45 -0.22 0.00	44.23 -0.27 0.00	53.95 0.22 0.00	60.84 0.66 0.00	59.03 0.70 0.00	53.77 1.00 0.00	46.52 0.78 0.00	42.11 0.54 0.00	37.43 0.55 0.00
DANSKAMMER___1 23586	40.80 1.83 0.00	36.69 1.58 0.00	32.66 1.26 0.00	30.39 1.14 0.00	30.75 1.13 0.00	30.92 1.13 0.00	33.19 1.37 0.00	33.68 1.48 0.00	31.54 1.33 0.00	31.08 1.31 0.00	30.09 1.32 0.00	31.11 1.37 0.00	32.51 1.58 0.00	34.59 1.68 0.00	36.71 1.75 0.00	39.63 1.96 0.00	46.90 2.40 0.00	56.36 2.63 0.00	63.07 2.89 0.00	61.13 2.80 0.00	55.51 2.74 0.00	48.16 2.42 0.00	43.82 2.24 0.00	38.72 1.84 0.00
DANSKAMMER___2 23589	40.80 1.83 0.00	36.69 1.58 0.00	32.66 1.26 0.00	30.39 1.14 0.00	30.75 1.13 0.00	30.92 1.13 0.00	33.19 1.37 0.00	33.68 1.48 0.00	31.54 1.33 0.00	31.08 1.31 0.00	30.09 1.32 0.00	31.11 1.37 0.00	32.51 1.58 0.00	34.59 1.68 0.00	36.71 1.75 0.00	39.63 1.96 0.00	46.90 2.40 0.00	56.36 2.63 0.00	63.07 2.89 0.00	61.13 2.80 0.00	55.51 2.74 0.00	48.16 2.42 0.00	43.82 2.24 0.00	38.72 1.84 0.00
DANSKAMMER___3 23590	40.80 1.83 0.00	36.69 1.58 0.00	32.66 1.26 0.00	30.39 1.14 0.00	30.75 1.13 0.00	30.92 1.13 0.00	33.19 1.37 0.00	33.68 1.48 0.00	31.54 1.33 0.00	31.08 1.31 0.00	30.09 1.32 0.00	31.11 1.37 0.00	32.51 1.58 0.00	34.59 1.68 0.00	36.71 1.75 0.00	39.63 1.96 0.00	46.90 2.40 0.00	56.36 2.63 0.00	63.07 2.89 0.00	61.13 2.80 0.00	55.51 2.74 0.00	48.16 2.42 0.00	43.82 2.24 0.00	38.72 1.84 0.00

DANSKAMMER___4 23591	40.80 1.83 0.00	36.69 1.58 0.00	32.66 1.26 0.00	30.39 1.14 0.00	30.75 1.13 0.00	30.92 1.13 0.00	33.19 1.37 0.00	33.68 1.48 0.00	31.54 1.33 0.00	31.08 1.31 0.00	30.09 1.32 0.00	31.11 1.37 0.00	32.51 1.58 0.00	34.59 1.68 0.00	36.71 1.75 0.00	39.63 1.96 0.00	46.90 2.40 0.00	56.36 2.63 0.00	63.07 2.89 0.00	61.13 2.80 0.00	55.51 2.74 0.00	48.16 2.42 0.00	43.82 2.24 0.00	38.72 1.84 0.00
DANSKAMMER___DIESEL 23592	40.80 1.83 0.00	36.72 1.61 0.00	32.76 1.35 0.00	30.45 1.20 0.00	30.84 1.21 0.00	31.01 1.22 0.00	33.26 1.43 0.00	33.74 1.55 0.00	31.60 1.39 0.00	31.14 1.37 0.00	30.14 1.38 0.00	31.16 1.43 0.00	32.51 1.58 0.00	34.56 1.65 0.00	36.71 1.75 0.00	39.63 1.96 0.00	46.90 2.40 0.00	56.36 2.63 0.00	63.07 2.89 0.00	61.13 2.80 0.00	55.51 2.74 0.00	48.16 2.42 0.00	43.82 2.24 0.00	38.72 1.84 0.00
DARBY___SOLAR 323810	40.45 1.48 0.00	36.44 1.33 0.00	32.53 1.13 0.00	30.25 1.00 0.00	30.66 1.04 0.00	30.86 1.07 0.00	32.94 1.11 0.00	33.36 1.16 0.00	30.87 0.66 0.00	30.19 0.42 0.00	28.97 0.20 0.00	29.89 0.15 0.00	31.15 0.22 0.00	33.21 0.30 0.00	35.39 0.42 0.00	38.24 0.57 0.00	45.43 0.94 0.00	54.97 1.24 0.00	62.34 2.16 0.00	60.72 2.39 0.00	55.35 2.58 0.00	47.93 2.20 0.00	43.65 2.08 0.00	38.57 1.70 0.00
DASHVILLE___HYD 23610	40.48 1.52 0.00	36.40 1.30 0.00	32.50 1.10 0.00	30.22 0.97 0.00	30.60 0.98 0.00	30.71 0.92 0.00	32.97 1.15 0.00	33.39 1.19 0.00	31.27 1.06 0.00	30.78 1.01 0.00	29.83 1.06 0.00	30.81 1.07 0.00	32.14 1.21 0.00	34.19 1.28 0.00	36.29 1.33 0.00	39.18 1.51 0.00	46.41 1.91 0.00	55.77 2.04 0.00	62.40 2.23 0.00	60.48 2.16 0.00	54.88 2.11 0.00	47.70 1.97 0.00	43.40 1.83 0.00	38.35 1.47 0.00
DELAWARE___LFGE 323621	39.78 0.82 0.00	35.84 0.74 0.00	32.00 0.60 0.00	29.89 0.64 0.00	30.21 0.59 0.00	30.42 0.63 0.00	32.53 0.70 0.00	32.87 0.68 0.00	30.75 0.54 0.00	30.25 0.48 0.00	29.25 0.49 0.00	30.24 0.51 0.00	31.49 0.56 0.00	33.50 0.59 0.00	35.66 0.70 0.00	38.47 0.79 0.00	45.43 0.93 0.00	54.91 1.18 0.00	61.50 1.32 0.00	59.67 1.34 0.00	54.24 1.48 0.00	46.97 1.23 0.00	42.61 1.04 0.00	37.87 1.00 0.00
DERFIELD_115KV_TB7 355931	39.08 0.12 0.00	35.21 0.11 0.00	31.50 0.09 0.00	29.34 0.09 0.00	29.68 0.06 0.00	29.85 0.06 0.00	31.92 0.10 0.00	32.29 0.10 0.00	30.24 0.03 0.00	29.77 0.00 0.00	28.76 0.00 0.00	29.74 0.00 0.00	30.93 0.00 0.00	32.91 0.00 0.00	35.00 0.03 0.00	37.71 0.04 0.00	44.54 0.04 0.00	53.84 0.11 0.00	60.30 0.12 0.00	58.44 0.12 0.00	52.98 0.21 0.00	45.92 0.18 0.00	41.74 0.17 0.00	36.99 0.11 0.00
DOGLEVILLE___HYD 23807	38.15 -0.82 0.00	34.37 -0.74 0.00	30.78 -0.63 0.00	28.64 -0.61 0.00	29.00 -0.62 0.00	29.16 -0.63 0.00	31.19 -0.64 0.00	31.52 -0.68 0.00	29.54 -0.66 0.00	29.03 -0.74 0.00	28.07 -0.69 0.00	29.02 -0.71 0.00	30.16 -0.77 0.00	32.06 -0.86 0.00	34.09 -0.87 0.00	36.73 -0.94 0.00	43.34 -1.16 0.00	52.39 -1.34 0.00	58.73 -1.44 0.00	56.93 -1.40 0.00	51.66 -1.11 0.00	44.87 -0.87 0.00	40.83 -0.75 0.00	36.17 -0.70 0.00
DUNKIRK___115KV_TB_200 55889	38.85 -0.12 0.00	35.21 0.11 0.00	30.93 -0.47 0.00	29.63 0.38 0.00	29.86 0.24 0.00	30.12 0.33 0.00	31.86 0.03 0.00	32.29 0.10 0.00	30.06 -0.15 0.00	29.98 0.21 0.00	28.79 0.03 0.00	29.89 0.15 0.00	31.49 0.56 0.00	33.57 0.66 0.00	35.87 0.91 0.00	38.77 1.09 0.00	45.21 0.71 0.00	54.43 0.70 0.00	59.76 -0.42 0.00	57.69 -0.64 0.00	52.82 0.05 0.00	45.42 -0.32 0.00	41.07 -0.50 0.00	37.83 0.96 0.00
DUNKIRK___1 23563	38.85 -0.12 0.00	35.21 0.11 0.00	30.93 -0.47 0.00	29.63 0.38 0.00	29.86 0.24 0.00	30.12 0.33 0.00	31.86 0.03 0.00	32.29 0.10 0.00	30.06 -0.15 0.00	29.98 0.21 0.00	28.79 0.03 0.00	29.89 0.15 0.00	31.49 0.56 0.00	33.57 0.66 0.00	35.87 0.91 0.00	38.77 1.09 0.00	45.21 0.71 0.00	54.43 0.70 0.00	59.76 -0.42 0.00	57.69 -0.64 0.00	52.82 0.05 0.00	45.42 -0.32 0.00	41.07 -0.50 0.00	37.83 0.96 0.00
DUNKIRK___2 23564	38.85 -0.12 0.00	35.21 0.11 0.00	30.93 -0.47 0.00	29.63 0.38 0.00	29.86 0.24 0.00	30.12 0.33 0.00	31.86 0.03 0.00	32.29 0.10 0.00	30.06 -0.15 0.00	29.98 0.21 0.00	28.79 0.03 0.00	29.89 0.15 0.00	31.49 0.56 0.00	33.57 0.66 0.00	35.87 0.91 0.00	38.77 1.09 0.00	45.21 0.71 0.00	54.43 0.70 0.00	59.76 -0.42 0.00	57.69 -0.64 0.00	52.82 0.05 0.00	45.42 -0.32 0.00	41.07 -0.50 0.00	37.83 0.96 0.00
DUNKIRK___3 23565	38.65 -0.31 0.00	35.03 -0.07 0.00	30.81 -0.60 0.00	29.48 0.23 0.00	29.71 0.09 0.00	29.97 0.18 0.00	31.70 -0.13 0.00	32.10 -0.10 0.00	29.91 -0.30 0.00	29.83 0.06 0.00	28.62 -0.14 0.00	29.68 -0.06 0.00	31.31 0.37 0.00	33.34 0.43 0.00	35.63 0.66 0.00	38.50 0.83 0.00	44.94 0.44 0.00	54.11 0.38 0.00	59.33 -0.84 0.00	57.28 -1.05 0.00	52.45 -0.32 0.00	45.14 -0.59 0.00	40.83 -0.75 0.00	37.65 0.77 0.00
DUNKIRK___4 23566	38.65 -0.31 0.00	35.03 -0.07 0.00	30.81 -0.60 0.00	29.48 0.23 0.00	29.71 0.09 0.00	29.97 0.18 0.00	31.70 -0.13 0.00	32.10 -0.10 0.00	29.91 -0.30 0.00	29.83 0.06 0.00	28.62 -0.14 0.00	29.68 -0.06 0.00	31.31 0.37 0.00	33.34 0.43 0.00	35.63 0.66 0.00	38.50 0.83 0.00	44.94 0.44 0.00	54.11 0.38 0.00	59.33 -0.84 0.00	57.28 -1.05 0.00	52.45 -0.32 0.00	45.14 -0.59 0.00	40.83 -0.75 0.00	37.65 0.77 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.95 1.99 0.00	36.83 1.72 0.00	32.85 1.44 0.00	30.57 1.32 0.00	30.89 1.27 0.00	31.10 1.31 0.00	33.42 1.59 0.00	33.97 1.77 0.00	31.96 1.75 0.00	31.59 1.82 0.00	30.60 1.84 0.00	31.67 1.93 0.00	33.04 2.10 0.00	35.02 2.11 0.00	37.17 2.20 0.00	40.09 2.41 0.00	47.30 2.80 0.00	56.58 2.85 0.00	63.13 2.95 0.00	61.13 2.80 0.00	55.51 2.74 0.00	48.21 2.47 0.00	43.98 2.41 0.00	38.87 1.99 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.52 1.56 0.00	36.47 1.37 0.00	32.54 1.13 0.00	30.27 1.02 0.00	30.66 1.04 0.00	30.80 1.01 0.00	33.07 1.24 0.00	33.55 1.35 0.00	31.48 1.27 0.00	31.02 1.25 0.00	30.03 1.27 0.00	31.05 1.31 0.00	32.39 1.45 0.00	34.43 1.51 0.00	36.54 1.57 0.00	39.41 1.73 0.00	46.59 2.09 0.00	55.99 2.26 0.00	62.58 2.41 0.00	60.66 2.33 0.00	55.09 2.32 0.00	47.80 2.06 0.00	43.49 1.91 0.00	38.46 1.59 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.38 2.42 0.00	37.14 2.04 0.00	33.13 1.73 0.00	30.80 1.55 0.00	31.13 1.51 0.00	31.34 1.55 0.00	33.64 1.81 0.00	34.00 1.80 0.00	31.99 1.78 0.00	31.80 2.02 0.00	30.92 2.16 0.00	32.03 2.29 0.00	33.38 2.44 0.00	35.45 2.53 0.00	37.62 2.66 0.00	40.58 2.90 0.00	47.79 3.29 0.00	56.42 2.69 0.00	62.52 2.35 0.00	60.54 2.22 0.00	55.03 2.27 0.00	48.39 2.65 0.00	44.36 2.79 0.00	39.23 2.36 0.00

E179THST_13_KV_LOAD 356214	41.58 2.61 0.00	37.32 2.21 0.00	33.26 1.85 0.00	30.92 1.67 0.00	31.28 1.66 0.00	31.49 1.70 0.00	33.80 1.97 0.00	34.16 1.96 0.00	32.14 1.93 0.00	31.95 2.17 0.00	31.07 2.30 0.00	32.18 2.44 0.00	33.56 2.63 0.00	35.61 2.70 0.00	37.80 2.83 0.00	40.80 3.13 0.00	48.01 3.52 0.00	56.74 3.01 0.00	62.88 2.71 0.00	60.89 2.57 0.00	55.35 2.59 0.00	48.67 2.93 0.00	44.57 2.99 0.00	39.42 2.54 0.00
EAST HAMPTON___GT 23717	42.79 3.82 -0.01	38.27 3.16 0.00	33.45 2.04 0.00	30.89 1.64 0.00	30.96 1.33 0.00	31.16 1.37 0.00	33.93 2.10 0.00	34.97 2.77 0.00	33.29 3.08 0.00	33.53 3.75 -0.01	34.47 3.65 -2.05	35.28 3.75 -1.80	37.42 4.11 -2.37	40.83 4.41 -3.51	41.75 4.75 -2.03	43.62 5.43 -0.52	50.91 6.41 0.00	61.20 7.47 0.00	67.82 7.64 0.00	65.26 6.94 0.00	58.99 6.22 0.00	50.58 4.85 0.00	45.98 4.40 0.00	41.49 4.61 -0.01
EAST RIVER___6 23660	41.15 2.18 0.00	36.93 1.82 0.00	32.91 1.51 0.00	30.60 1.35 0.00	30.89 1.27 0.00	31.10 1.31 0.00	33.45 1.62 0.00	34.03 1.83 0.00	32.08 1.87 0.00	31.77 2.00 0.00	30.75 1.98 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.45 2.48 0.00	40.39 2.71 0.00	47.61 3.11 0.00	56.90 3.17 0.00	63.30 3.13 0.00	61.30 2.97 0.00	55.67 2.90 0.00	48.44 2.70 0.00	44.19 2.62 0.00	39.01 2.14 0.00
EAST RIVER___7 23524	41.15 2.18 0.00	36.93 1.82 0.00	32.91 1.51 0.00	30.60 1.35 0.00	30.89 1.27 0.00	31.10 1.31 0.00	33.45 1.62 0.00	34.03 1.83 0.00	32.08 1.87 0.00	31.77 2.00 0.00	30.75 1.98 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.45 2.48 0.00	40.39 2.71 0.00	47.61 3.11 0.00	56.90 3.17 0.00	63.30 3.13 0.00	61.30 2.97 0.00	55.67 2.90 0.00	48.44 2.70 0.00	44.19 2.62 0.00	39.01 2.14 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.84 1.87 0.00	36.72 1.61 0.00	32.79 1.38 0.00	30.51 1.26 0.00	30.84 1.21 0.00	31.01 1.22 0.00	33.29 1.46 0.00	33.87 1.67 0.00	31.84 1.63 0.00	31.47 1.70 0.00	30.49 1.73 0.00	31.52 1.78 0.00	32.88 1.95 0.00	34.89 1.97 0.00	36.99 2.03 0.00	39.90 2.22 0.00	47.08 2.58 0.00	56.36 2.63 0.00	62.88 2.71 0.00	60.95 2.62 0.00	55.30 2.53 0.00	48.07 2.33 0.00	43.82 2.24 0.00	38.76 1.88 0.00
EAST_HAMPTON___DIESEL 23722	42.71 3.74 -0.01	38.19 3.09 0.00	33.39 1.98 0.00	30.83 1.58 0.00	30.89 1.27 0.00	31.10 1.31 0.00	33.87 2.04 0.00	34.90 2.70 0.00	33.23 3.02 0.00	33.47 3.69 -0.01	34.44 3.62 -2.05	35.25 3.72 -1.80	37.39 4.08 -2.37	40.83 4.41 -3.51	41.75 4.75 -2.03	43.62 5.43 -0.52	50.91 6.41 0.00	61.20 7.47 0.00	67.82 7.64 0.00	65.26 6.94 0.00	58.99 6.22 0.00	50.58 4.85 0.00	45.98 4.40 0.00	41.49 4.61 -0.01
EAST_POINT___SOLAR 323840	42.04 3.08 0.00	37.81 2.70 0.00	33.79 2.39 0.00	31.41 2.16 0.00	31.87 2.25 0.00	32.12 2.33 0.00	33.83 2.01 0.00	33.00 0.81 0.00	30.15 -0.06 0.00	29.36 -0.42 0.00	28.19 -0.58 0.00	29.02 -0.71 0.00	30.19 -0.74 0.00	32.35 -0.56 0.00	34.48 -0.49 0.00	37.33 -0.34 0.00	44.50 0.00 0.00	54.16 0.43 0.00	62.82 2.64 0.00	62.93 4.61 0.00	58.09 5.33 0.00	50.17 4.44 0.00	45.61 4.03 0.00	40.34 3.47 0.00
EAST_PULASKI___ESR 323781	38.73 -0.23 0.00	34.90 -0.21 0.00	31.31 -0.09 0.00	29.19 -0.06 0.00	29.47 -0.15 0.00	29.58 -0.21 0.00	31.57 -0.26 0.00	31.81 -0.38 0.00	29.72 -0.48 0.00	29.24 -0.54 0.00	28.27 -0.49 0.00	29.29 -0.45 0.00	30.38 -0.56 0.00	32.38 -0.53 0.00	34.37 -0.59 0.00	37.07 -0.60 0.00	43.78 -0.71 0.00	53.19 -0.54 0.00	59.69 -0.48 0.00	57.86 -0.47 0.00	52.66 -0.11 0.00	45.56 -0.18 0.00	41.33 -0.25 0.00	36.76 -0.11 0.00
EAST_RIVER___1 323558	41.19 2.22 0.00	37.00 1.89 0.00	32.94 1.54 0.00	30.63 1.38 0.00	30.92 1.30 0.00	31.13 1.34 0.00	33.48 1.65 0.00	34.06 1.87 0.00	32.11 1.90 0.00	31.77 2.00 0.00	30.78 2.01 0.00	31.88 2.14 0.00	33.32 2.38 0.00	35.31 2.40 0.00	37.48 2.52 0.00	40.42 2.75 0.00	47.66 3.16 0.00	56.90 3.17 0.00	63.42 3.25 0.00	61.36 3.03 0.00	55.72 2.95 0.00	48.48 2.74 0.00	44.24 2.66 0.00	39.05 2.18 0.00
EAST_RIVER___2 323559	41.15 2.18 0.00	36.93 1.82 0.00	32.91 1.51 0.00	30.60 1.35 0.00	30.89 1.27 0.00	31.10 1.31 0.00	33.45 1.62 0.00	34.03 1.83 0.00	32.08 1.87 0.00	31.77 2.00 0.00	30.75 1.98 0.00	31.85 2.11 0.00	33.28 2.35 0.00	35.28 2.37 0.00	37.45 2.48 0.00	40.39 2.71 0.00	47.61 3.11 0.00	56.90 3.17 0.00	63.30 3.13 0.00	61.30 2.97 0.00	55.67 2.90 0.00	48.44 2.70 0.00	44.19 2.62 0.00	39.01 2.14 0.00
EAST___DELAWARE_HYD 23607	40.37 1.40 0.00	36.33 1.23 0.00	32.35 0.94 0.00	30.10 0.85 0.00	30.45 0.83 0.00	30.62 0.83 0.00	32.88 1.05 0.00	33.29 1.10 0.00	31.20 1.00 0.00	30.73 0.95 0.00	29.74 0.98 0.00	30.75 1.01 0.00	32.11 1.18 0.00	34.19 1.28 0.00	36.29 1.33 0.00	39.22 1.55 0.00	46.41 1.91 0.00	55.93 2.20 0.00	62.59 2.41 0.00	60.72 2.39 0.00	55.14 2.38 0.00	47.80 2.06 0.00	43.45 1.87 0.00	38.39 1.51 0.00
EIGHT_POINT___WT_PWR 323820	39.35 0.39 0.00	35.49 0.39 0.00	31.63 0.22 0.00	29.78 0.53 0.00	30.07 0.44 0.00	30.24 0.45 0.00	32.08 0.25 0.00	32.29 0.10 0.00	30.00 -0.21 0.00	29.71 -0.06 0.00	28.50 -0.26 0.00	29.56 -0.18 0.00	31.03 0.09 0.00	33.11 0.20 0.00	35.28 0.31 0.00	38.09 0.42 0.00	44.72 0.22 0.00	54.48 0.75 0.00	60.24 0.06 0.00	58.62 0.29 0.00	53.72 0.95 0.00	46.29 0.55 0.00	41.95 0.37 0.00	38.13 1.25 0.00
ELBRIDGE_115KV_TB2 80188	38.50 -0.47 0.00	34.68 -0.42 0.00	31.00 -0.41 0.00	29.02 -0.23 0.00	29.32 -0.30 0.00	29.52 -0.27 0.00	31.48 -0.35 0.00	31.78 -0.42 0.00	29.73 -0.48 0.00	29.36 -0.42 0.00	28.33 -0.43 0.00	29.29 -0.45 0.00	30.50 -0.43 0.00	32.48 -0.43 0.00	34.55 -0.42 0.00	37.26 -0.41 0.00	44.01 -0.49 0.00	53.30 -0.43 0.00	59.57 -0.60 0.00	57.69 -0.64 0.00	52.45 -0.32 0.00	45.37 -0.37 0.00	41.16 -0.42 0.00	36.65 -0.22 0.00
ELEC_TRO_TEK 24086	41.61 2.65 0.00	37.32 2.21 0.00	33.10 1.70 0.00	30.74 1.49 0.00	30.98 1.36 0.00	31.13 1.34 0.00	33.61 1.78 0.00	34.26 2.06 0.00	32.32 2.11 0.00	32.07 2.29 0.00	32.97 2.16 -2.05	33.76 2.23 -1.80	35.69 2.38 -2.37	38.85 2.44 -3.51	39.52 2.52 -2.03	40.94 2.75 -0.52	47.79 3.29 0.00	57.17 3.44 0.00	63.55 3.37 0.00	61.48 3.15 0.00	55.61 2.85 0.00	48.12 2.38 0.00	43.86 2.29 0.00	39.49 2.62 0.00
ELLENBURG_WT_PWR 323604	39.59 0.62 0.00	35.63 0.53 0.00	31.88 0.47 0.00	29.54 0.29 0.00	30.01 0.38 0.00	30.15 0.36 0.00	32.21 0.38 0.00	32.45 0.26 0.00	30.54 0.33 0.00	30.13 0.36 0.00	29.11 0.35 0.00	30.07 0.33 0.00	31.24 0.31 0.00	33.14 0.23 0.00	35.18 0.21 0.00	37.83 0.15 0.00	44.54 0.04 0.00	53.89 0.16 0.00	60.60 0.42 0.00	58.74 0.41 0.00	52.77 0.00 0.00	45.60 -0.14 0.00	41.33 -0.25 0.00	36.51 -0.37 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.58 -0.39 0.00	34.93 -0.18 0.00	30.68 -0.72 0.00	29.43 0.18 0.00	29.65 0.03 0.00	29.85 0.06 0.00	31.54 -0.29 0.00	31.94 -0.26 0.00	29.70 -0.51 0.00	29.65 -0.12 0.00	28.39 -0.37 0.00	29.44 -0.30 0.00	31.06 0.12 0.00	33.08 0.16 0.00	35.42 0.45 0.00	38.24 0.57 0.00	44.59 0.09 0.00	53.68 -0.05 0.00	58.79 -1.38 0.00	56.69 -1.63 0.00	51.92 -0.84 0.00	44.69 -1.05 0.00	40.49 -1.08 0.00	37.54 0.66 0.00
EMPIRE_CC_1 323656	40.02 1.05 0.00	36.02 0.91 0.00	32.10 0.69 0.00	29.92 0.67 0.00	30.30 0.68 0.00	30.44 0.65 0.00	32.50 0.67 0.00	33.00 0.81 0.00	30.75 0.54 0.00	30.19 0.42 0.00	29.17 0.40 0.00	30.10 0.36 0.00	31.40 0.46 0.00	33.37 0.46 0.00	35.49 0.53 0.00	38.24 0.57 0.00	45.30 0.80 0.00	54.59 0.86 0.00	61.26 1.08 0.00	59.43 1.11 0.00	54.03 1.26 0.00	46.97 1.24 0.00	42.78 1.21 0.00	37.80 0.92 0.00
EMPIRE_CC_2 323658	40.02 1.05 0.00	36.02 0.91 0.00	32.10 0.69 0.00	29.92 0.67 0.00	30.30 0.68 0.00	30.44 0.65 0.00	32.50 0.67 0.00	33.00 0.81 0.00	30.75 0.54 0.00	30.19 0.42 0.00	29.17 0.40 0.00	30.10 0.36 0.00	31.40 0.46 0.00	33.37 0.46 0.00	35.49 0.53 0.00	38.24 0.57 0.00	45.30 0.80 0.00	54.59 0.86 0.00	61.26 1.08 0.00	59.43 1.11 0.00	54.03 1.26 0.00	46.97 1.24 0.00	42.78 1.21 0.00	37.80 0.92 0.00
ENORWICH_115KV_TB1 80156	41.15 2.18 0.00	37.14 2.04 0.00	33.13 1.73 0.00	31.00 1.75 0.00	31.31 1.69 0.00	31.52 1.73 0.00	33.74 1.91 0.00	33.84 1.64 0.00	31.45 1.24 0.00	30.55 0.77 0.00	29.43 0.66 0.00	30.42 0.68 0.00	31.58 0.65 0.00	33.73 0.82 0.00	36.05 1.08 0.00	38.99 1.32 0.00	46.28 1.78 0.00	56.58 2.85 0.00	63.91 3.73 0.00	62.12 3.79 0.00	56.88 4.12 0.00	49.12 3.38 0.00	44.36 2.79 0.00	39.46 2.58 0.00
ERIE_ST__34_KV_TB1-2 80199	38.34 -0.62 0.00	34.72 -0.39 0.00	30.49 -0.91 0.00	29.22 -0.03 0.00	29.44 -0.18 0.00	29.67 -0.12 0.00	31.44 -0.38 0.00	31.84 -0.35 0.00	29.73 -0.48 0.00	29.62 -0.15 0.00	28.45 -0.32 0.00	29.53 -0.21 0.00	31.15 0.22 0.00	33.21 0.30 0.00	35.52 0.56 0.00	38.43 0.75 0.00	44.81 0.31 0.00	53.95 0.21 0.00	59.15 -1.02 0.00	57.04 -1.28 0.00	52.18 -0.58 0.00	44.87 -0.87 0.00	40.58 -1.00 0.00	37.46 0.59 0.00
ERIE_WT_PWR 323693	38.73 -0.23 0.00	35.00 -0.10 0.00	31.12 -0.28 0.00	29.43 0.18 0.00	29.65 0.03 0.00	29.82 0.03 0.00	31.51 -0.32 0.00	31.94 -0.26 0.00	29.79 -0.42 0.00	29.74 -0.03 0.00	28.50 -0.26 0.00	29.62 -0.12 0.00	31.24 0.31 0.00	33.41 0.49 0.00	35.70 0.74 0.00	38.43 0.75 0.00	44.85 0.35 0.00	54.38 0.65 0.00	59.15 -1.02 0.00	57.16 -1.17 0.00	52.24 -0.53 0.00	44.96 -0.78 0.00	40.74 -0.83 0.00	37.72 0.85 0.00
ESPRGFLD_115KV_TB1 80157	41.19 2.22 0.00	37.11 2.00 0.00	33.13 1.73 0.00	30.92 1.67 0.00	31.31 1.69 0.00	31.52 1.73 0.00	33.61 1.78 0.00	33.68 1.48 0.00	31.27 1.06 0.00	30.61 0.83 0.00	29.48 0.72 0.00	30.48 0.74 0.00	31.71 0.77 0.00	33.83 0.92 0.00	36.05 1.08 0.00	38.99 1.32 0.00	46.19 1.69 0.00	56.15 2.42 0.00	63.61 3.43 0.00	62.12 3.79 0.00	56.72 3.96 0.00	49.03 3.29 0.00	44.44 2.87 0.00	39.42 2.54 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.35 0.39 0.00	35.49 0.39 0.00	31.66 0.25 0.00	29.66 0.41 0.00	29.98 0.36 0.00	30.15 0.36 0.00	32.18 0.35 0.00	32.46 0.26 0.00	30.30 0.09 0.00	29.83 0.06 0.00	28.74 -0.03 0.00	29.71 -0.03 0.00	30.93 0.00 0.00	32.94 0.03 0.00	35.07 0.10 0.00	37.90 0.23 0.00	44.76 0.27 0.00	54.38 0.64 0.00	60.96 0.78 0.00	59.09 0.76 0.00	53.82 1.06 0.00	46.52 0.78 0.00	42.16 0.58 0.00	37.58 0.70 0.00
ETNA____115KV_TB2 80207	39.35 0.39 0.00	35.49 0.39 0.00	31.66 0.25 0.00	29.66 0.41 0.00	29.98 0.36 0.00	30.15 0.36 0.00	32.18 0.35 0.00	32.46 0.26 0.00	30.30 0.09 0.00	29.83 0.06 0.00	28.74 -0.03 0.00	29.71 -0.03 0.00	30.93 0.00 0.00	32.94 0.03 0.00	35.07 0.10 0.00	37.90 0.23 0.00	44.76 0.27 0.00	54.38 0.64 0.00	60.96 0.78 0.00	59.09 0.76 0.00	53.82 1.06 0.00	46.52 0.78 0.00	42.16 0.58 0.00	37.58 0.70 0.00
EUCLID___115KV_TB2 356179	38.22 -0.74 0.00	34.47 -0.63 0.00	30.87 -0.53 0.00	28.87 -0.38 0.00	29.18 -0.44 0.00	29.34 -0.45 0.00	31.29 -0.54 0.00	31.65 -0.55 0.00	29.61 -0.60 0.00	29.24 -0.54 0.00	28.22 -0.55 0.00	29.20 -0.54 0.00	30.38 -0.56 0.00	32.35 -0.56 0.00	34.37 -0.59 0.00	37.03 -0.64 0.00	43.74 -0.76 0.00	52.93 -0.81 0.00	59.21 -0.96 0.00	57.28 -1.05 0.00	52.08 -0.69 0.00	45.05 -0.69 0.00	40.87 -0.71 0.00	36.40 -0.48 0.00
E_CANADA_CAP_HY 24051	42.01 3.04 0.00	37.81 2.70 0.00	33.76 2.36 0.00	31.41 2.16 0.00	31.87 2.25 0.00	32.08 2.29 0.00	34.09 2.26 0.00	33.94 1.74 0.00	31.27 1.06 0.00	30.49 0.71 0.00	29.28 0.52 0.00	30.21 0.47 0.00	31.43 0.49 0.00	33.60 0.69 0.00	35.84 0.87 0.00	38.77 1.09 0.00	46.10 1.60 0.00	56.15 2.42 0.00	64.27 4.09 0.00	63.23 4.90 0.00	57.88 5.12 0.00	49.99 4.25 0.00	45.44 3.87 0.00	40.23 3.36 0.00
E_CANADA_MHWK_HY 24050	38.15 -0.82 0.00	34.37 -0.74 0.00	30.78 -0.63 0.00	28.63 -0.62 0.00	29.00 -0.62 0.00	29.16 -0.63 0.00	31.19 -0.64 0.00	31.52 -0.68 0.00	29.54 -0.66 0.00	29.03 -0.74 0.00	28.07 -0.69 0.00	29.02 -0.71 0.00	30.13 -0.80 0.00	32.06 -0.86 0.00	34.09 -0.87 0.00	36.73 -0.94 0.00	43.34 -1.16 0.00	52.39 -1.34 0.00	58.73 -1.44 0.00	56.93 -1.40 0.00	51.65 -1.11 0.00	44.87 -0.87 0.00	40.83 -0.75 0.00	36.17 -0.70 0.00
E_FISHKILL___LBMP 23776	40.45 1.48 0.00	36.40 1.30 0.00	32.50 1.10 0.00	30.24 0.99 0.00	30.60 0.98 0.00	30.77 0.98 0.00	33.00 1.18 0.00	33.52 1.32 0.00	31.45 1.24 0.00	30.99 1.22 0.00	30.03 1.27 0.00	31.05 1.31 0.00	32.36 1.42 0.00	34.36 1.45 0.00	36.47 1.50 0.00	39.33 1.66 0.00	46.45 1.96 0.00	55.77 2.04 0.00	62.28 2.11 0.00	60.37 2.04 0.00	54.77 2.01 0.00	47.61 1.88 0.00	43.40 1.83 0.00	38.35 1.47 0.00
FALCON___SEABRD_CC1 323796	40.10 1.13 0.00	36.09 0.98 0.00	32.25 0.85 0.00	29.92 0.67 0.00	30.36 0.74 0.00	30.50 0.71 0.00	32.62 0.80 0.00	32.84 0.64 0.00	30.90 0.70 0.00	30.49 0.71 0.00	29.45 0.69 0.00	30.42 0.68 0.00	31.61 0.68 0.00	33.54 0.62 0.00	35.56 0.59 0.00	38.24 0.57 0.00	45.07 0.58 0.00	54.54 0.81 0.00	61.32 1.14 0.00	59.49 1.17 0.00	53.50 0.74 0.00	46.20 0.46 0.00	41.82 0.25 0.00	36.95 0.07 0.00
FALCON___SEABRD_CC2 323797	40.10 1.13 0.00	36.09 0.98 0.00	32.25 0.85 0.00	29.92 0.67 0.00	30.36 0.74 0.00	30.50 0.71 0.00	32.62 0.80 0.00	32.84 0.64 0.00	30.90 0.70 0.00	30.49 0.71 0.00	29.45 0.69 0.00	30.42 0.68 0.00	31.61 0.68 0.00	33.54 0.62 0.00	35.56 0.59 0.00	38.24 0.57 0.00	45.07 0.58 0.00	54.54 0.81 0.00	61.32 1.14 0.00	59.49 1.17 0.00	53.50 0.74 0.00	46.20 0.46 0.00	41.82 0.25 0.00	36.95 0.07 0.00

FAR ROCKAWAY___4 23548	42.20 3.23 0.00	37.84 2.74 0.00	33.54 2.14 0.00	31.12 1.87 0.00	31.37 1.75 0.00	31.49 1.70 0.00	33.99 2.16 0.00	34.68 2.48 0.00	32.72 2.51 0.00	32.48 2.71 0.00	33.37 2.56 -2.05	34.21 2.68 -1.80	36.21 2.91 -2.37	39.41 2.99 -3.51	40.15 3.15 -2.03	41.66 3.47 -0.52	48.68 4.18 0.00	58.30 4.57 0.00	64.69 4.51 0.00	62.58 4.26 0.00	56.62 3.85 0.00	48.89 3.16 0.00	44.53 2.95 0.00	40.16 3.28 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.19 2.22 0.00	37.00 1.90 0.00	33.01 1.60 0.00	30.71 1.46 0.00	31.04 1.42 0.00	31.22 1.43 0.00	33.58 1.75 0.00	34.16 1.96 0.00	32.17 1.96 0.00	31.83 2.05 0.00	30.86 2.10 0.00	31.94 2.20 0.00	33.32 2.38 0.00	35.31 2.40 0.00	37.48 2.52 0.00	40.42 2.75 0.00	47.66 3.16 0.00	56.95 3.22 0.00	63.37 3.19 0.00	61.36 3.03 0.00	55.72 2.95 0.00	48.48 2.74 0.00	44.28 2.70 0.00	39.09 2.21 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.23 2.26 0.00	37.00 1.90 0.00	33.04 1.63 0.00	30.71 1.46 0.00	31.04 1.42 0.00	31.25 1.46 0.00	33.58 1.75 0.00	34.16 1.96 0.00	32.17 1.96 0.00	31.83 2.05 0.00	30.86 2.10 0.00	31.94 2.20 0.00	33.32 2.38 0.00	35.31 2.40 0.00	37.48 2.52 0.00	40.42 2.75 0.00	47.70 3.20 0.00	56.95 3.22 0.00	63.43 3.25 0.00	61.42 3.09 0.00	55.72 2.95 0.00	48.48 2.74 0.00	44.28 2.70 0.00	39.09 2.21 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.19 2.22 0.00	36.97 1.86 0.00	33.01 1.60 0.00	30.71 1.46 0.00	31.01 1.39 0.00	31.22 1.43 0.00	33.58 1.75 0.00	34.13 1.93 0.00	32.14 1.93 0.00	31.83 2.05 0.00	30.84 2.07 0.00	31.94 2.20 0.00	33.29 2.35 0.00	35.28 2.37 0.00	37.45 2.48 0.00	40.39 2.71 0.00	47.66 3.16 0.00	56.90 3.17 0.00	63.37 3.19 0.00	61.36 3.03 0.00	55.67 2.90 0.00	48.44 2.70 0.00	44.23 2.66 0.00	39.05 2.18 0.00
FARRAGUT___LBMP 323566	41.15 2.18 0.00	36.97 1.86 0.00	32.98 1.57 0.00	30.68 1.43 0.00	31.01 1.39 0.00	31.19 1.40 0.00	33.55 1.72 0.00	34.13 1.93 0.00	32.14 1.93 0.00	31.80 2.02 0.00	30.81 2.04 0.00	31.91 2.17 0.00	33.26 2.32 0.00	35.25 2.34 0.00	37.41 2.45 0.00	40.35 2.67 0.00	47.61 3.11 0.00	56.85 3.12 0.00	63.31 3.13 0.00	61.30 2.97 0.00	55.61 2.85 0.00	48.44 2.70 0.00	44.19 2.62 0.00	39.05 2.18 0.00
FENNER___WINDPWR 24204	39.51 0.55 0.00	35.60 0.49 0.00	31.88 0.47 0.00	29.72 0.47 0.00	30.07 0.44 0.00	30.24 0.45 0.00	32.27 0.45 0.00	32.55 0.35 0.00	30.45 0.24 0.00	29.89 0.12 0.00	28.88 0.12 0.00	29.86 0.12 0.00	31.03 0.09 0.00	33.08 0.17 0.00	35.18 0.21 0.00	37.97 0.30 0.00	44.90 0.40 0.00	54.48 0.75 0.00	61.14 0.96 0.00	59.26 0.93 0.00	53.88 1.11 0.00	46.65 0.91 0.00	42.28 0.71 0.00	37.54 0.66 0.00
FIBERTEK___ENERGY 23856	38.61 -0.35 0.00	34.79 -0.32 0.00	31.12 -0.28 0.00	29.13 -0.12 0.00	29.44 -0.18 0.00	29.61 -0.18 0.00	31.57 -0.25 0.00	31.91 -0.29 0.00	29.85 -0.36 0.00	29.47 -0.30 0.00	28.45 -0.32 0.00	29.41 -0.33 0.00	30.59 -0.34 0.00	32.62 -0.30 0.00	34.65 -0.31 0.00	37.37 -0.30 0.00	44.14 -0.36 0.00	53.46 -0.27 0.00	59.82 -0.36 0.00	57.92 -0.41 0.00	52.61 -0.16 0.00	45.51 -0.23 0.00	41.28 -0.29 0.00	36.76 -0.11 0.00
FITZPATRICK___ 23598	37.76 -1.21 0.00	34.02 -1.09 0.00	30.56 -0.85 0.00	28.52 -0.73 0.00	28.85 -0.77 0.00	29.02 -0.77 0.00	30.97 -0.86 0.00	31.30 -0.90 0.00	29.30 -0.91 0.00	28.94 -0.83 0.00	27.93 -0.84 0.00	28.91 -0.83 0.00	29.98 -0.96 0.00	31.92 -0.99 0.00	33.92 -1.05 0.00	36.55 -1.13 0.00	43.12 -1.38 0.00	52.17 -1.56 0.00	58.37 -1.80 0.00	56.52 -1.81 0.00	51.29 -1.48 0.00	44.41 -1.33 0.00	40.33 -1.25 0.00	35.84 -1.03 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.87 1.91 0.00	36.75 1.65 0.00	32.79 1.38 0.00	30.51 1.26 0.00	30.89 1.27 0.00	31.04 1.25 0.00	33.32 1.50 0.00	33.78 1.58 0.00	31.66 1.45 0.00	31.17 1.40 0.00	30.17 1.41 0.00	31.19 1.46 0.00	32.54 1.61 0.00	34.62 1.71 0.00	36.75 1.78 0.00	39.71 2.03 0.00	46.99 2.49 0.00	56.47 2.74 0.00	63.19 3.01 0.00	61.30 2.97 0.00	55.61 2.85 0.00	48.25 2.52 0.00	43.90 2.33 0.00	38.79 1.92 0.00
FORT ORANGE___ 23900	39.90 0.93 0.00	35.95 0.84 0.00	32.03 0.63 0.00	29.83 0.58 0.00	30.15 0.53 0.00	30.33 0.54 0.00	32.37 0.54 0.00	32.78 0.58 0.00	30.51 0.30 0.00	29.98 0.21 0.00	28.94 0.17 0.00	29.86 0.12 0.00	31.15 0.22 0.00	33.14 0.23 0.00	35.21 0.25 0.00	37.97 0.30 0.00	45.03 0.54 0.00	54.32 0.59 0.00	61.14 0.96 0.00	59.38 1.05 0.00	53.98 1.21 0.00	46.79 1.05 0.00	42.61 1.04 0.00	37.65 0.78 0.00
FORT_DRUM_COGEN 23780	40.45 1.48 0.00	36.44 1.33 0.00	32.60 1.19 0.00	30.30 1.05 0.00	30.63 1.01 0.00	30.74 0.95 0.00	32.88 1.05 0.00	32.91 0.71 0.00	30.66 0.45 0.00	29.86 0.09 0.00	28.85 0.09 0.00	29.86 0.12 0.00	30.97 0.03 0.00	33.04 0.13 0.00	35.17 0.21 0.00	38.01 0.34 0.00	44.99 0.49 0.00	55.02 1.29 0.00	62.46 2.29 0.00	60.60 2.27 0.00	55.35 2.59 0.00	47.89 2.15 0.00	43.24 1.66 0.00	38.31 1.44 0.00
FOX_HILLS___ESR 323835	41.65 2.69 0.00	37.42 2.32 0.00	33.42 2.01 0.00	31.06 1.81 0.00	31.40 1.78 0.00	31.55 1.76 0.00	33.80 1.97 0.00	34.16 1.96 0.00	32.11 1.90 0.00	31.92 2.14 0.00	30.92 2.16 0.00	32.03 2.29 0.00	33.41 2.47 0.00	35.45 2.53 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.10 3.60 0.00	57.02 3.28 -0.01	63.19 3.01 0.00	61.24 2.92 0.00	55.56 2.80 0.00	48.80 3.06 0.00	44.73 3.16 0.00	39.53 2.65 0.00
FPL_FAR_ROCK_GT1 24212	42.17 3.20 -0.01	37.84 2.74 0.00	33.45 2.04 0.00	30.98 1.73 0.00	31.19 1.57 0.00	31.37 1.58 0.00	33.89 2.07 0.00	34.55 2.35 0.00	32.66 2.45 0.00	32.46 2.68 -0.01	33.29 2.47 -2.05	34.15 2.62 -1.80	36.21 2.91 -2.37	39.41 2.99 -3.51	40.15 3.15 -2.03	41.66 3.46 -0.52	48.68 4.18 0.00	58.19 4.46 0.00	64.75 4.57 0.00	62.47 4.14 0.00	56.62 3.85 0.00	48.89 3.15 0.00	44.53 2.95 0.00	40.09 3.21 -0.01
FPL_FAR_ROCK_GT2 23815	42.17 3.20 -0.01	37.84 2.74 0.00	33.45 2.04 0.00	30.98 1.73 0.00	31.19 1.57 0.00	31.37 1.58 0.00	33.89 2.07 0.00	34.55 2.35 0.00	32.66 2.45 0.00	32.46 2.68 -0.01	33.29 2.47 -2.05	34.15 2.62 -1.80	36.21 2.91 -2.37	39.41 2.99 -3.51	40.15 3.15 -2.03	41.66 3.46 -0.52	48.68 4.18 0.00	58.19 4.46 0.00	64.75 4.57 0.00	62.47 4.14 0.00	56.62 3.85 0.00	48.89 3.15 0.00	44.53 2.95 0.00	40.09 3.21 -0.01
FRANKLIN_FALL_HYD 24054	40.17 1.21 0.00	36.16 1.05 0.00	32.32 0.91 0.00	29.95 0.70 0.00	30.42 0.80 0.00	30.53 0.74 0.00	32.69 0.86 0.00	32.87 0.68 0.00	30.93 0.73 0.00	30.55 0.77 0.00	29.51 0.75 0.00	30.51 0.77 0.00	31.65 0.71 0.00	33.57 0.66 0.00	35.59 0.63 0.00	38.31 0.64 0.00	45.12 0.62 0.00	54.64 0.91 0.00	61.56 1.38 0.00	59.73 1.40 0.00	53.77 1.00 0.00	46.47 0.73 0.00	42.07 0.50 0.00	37.13 0.26 0.00



FRESHKLS_33_KV_LOAD 356253	41.81 2.84 0.00	37.56 2.46 0.00	33.51 2.10 0.00	31.15 1.90 0.00	31.49 1.87 0.00	31.67 1.88 0.00	33.90 2.07 0.00	34.23 2.03 0.00	32.14 1.93 0.00	31.98 2.20 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.51 2.60 0.00	37.73 2.76 0.00	40.76 3.09 0.00	48.28 3.78 0.00	57.23 3.49 -0.01	63.43 3.25 0.00	61.48 3.15 0.00	55.77 3.01 0.00	48.99 3.25 0.00	44.90 3.33 0.00	39.68 2.80 0.00
FULTON COGEN____ 23766	38.22 -0.74 0.00	34.44 -0.67 0.00	30.84 -0.57 0.00	28.81 -0.44 0.00	29.15 -0.47 0.00	29.28 -0.51 0.00	31.25 -0.57 0.00	31.59 -0.61 0.00	29.54 -0.66 0.00	29.18 -0.60 0.00	28.16 -0.60 0.00	29.11 -0.62 0.00	30.29 -0.65 0.00	32.25 -0.66 0.00	34.27 -0.70 0.00	36.96 -0.72 0.00	43.65 -0.85 0.00	52.87 -0.86 0.00	59.15 -1.02 0.00	57.28 -1.05 0.00	52.08 -0.69 0.00	45.05 -0.69 0.00	40.87 -0.71 0.00	36.36 -0.52 0.00
FULTON____LFGE 323630	41.65 2.69 0.00	37.49 2.39 0.00	33.48 2.07 0.00	31.12 1.87 0.00	31.58 1.95 0.00	31.79 2.00 0.00	33.83 2.01 0.00	33.71 1.51 0.00	30.93 0.72 0.00	30.04 0.27 0.00	28.74 -0.03 0.00	29.62 -0.12 0.00	30.81 -0.12 0.00	32.98 0.07 0.00	35.21 0.25 0.00	38.16 0.49 0.00	45.52 1.02 0.00	55.56 1.83 0.00	63.73 3.55 0.00	62.70 4.38 0.00	57.35 4.59 0.00	49.53 3.79 0.00	45.07 3.49 0.00	39.86 2.99 0.00
G.F.CEMENT____DRP 24184	40.45 1.48 0.00	36.47 1.37 0.00	32.66 1.26 0.00	30.27 1.02 0.00	30.75 1.13 0.00	30.95 1.16 0.00	33.07 1.24 0.00	33.42 1.22 0.00	31.51 1.30 0.00	30.84 1.07 0.00	29.45 0.69 0.00	30.39 0.65 0.00	31.58 0.65 0.00	33.80 0.89 0.00	35.98 1.01 0.00	38.16 0.49 0.00	45.34 0.85 0.00	54.91 1.18 0.00	62.70 2.53 0.00	61.07 2.74 0.00	55.77 3.01 0.00	48.16 2.42 0.00	43.90 2.33 0.00	38.76 1.88 0.00
GARDENVILLE____LBMP 24039	38.58 -0.39 0.00	34.93 -0.18 0.00	30.71 -0.69 0.00	29.40 0.15 0.00	29.62 0.00 0.00	29.85 0.06 0.00	31.57 -0.25 0.00	31.97 -0.23 0.00	29.73 -0.48 0.00	29.65 -0.12 0.00	28.42 -0.35 0.00	29.50 -0.24 0.00	31.09 0.15 0.00	33.14 0.23 0.00	35.45 0.49 0.00	38.31 0.64 0.00	44.67 0.18 0.00	53.78 0.05 0.00	58.91 -1.26 0.00	56.87 -1.46 0.00	52.08 -0.69 0.00	44.82 -0.91 0.00	40.58 -1.00 0.00	37.58 0.70 0.00
GARDNVLA_35_KV_LD 355827	38.69 -0.27 0.00	35.07 -0.04 0.00	30.81 -0.60 0.00	29.51 0.26 0.00	29.74 0.12 0.00	29.94 0.15 0.00	31.67 -0.16 0.00	32.07 -0.13 0.00	29.85 -0.36 0.00	29.77 0.00 0.00	28.56 -0.20 0.00	29.65 -0.09 0.00	31.28 0.34 0.00	33.34 0.43 0.00	35.66 0.70 0.00	38.54 0.87 0.00	44.94 0.44 0.00	54.11 0.38 0.00	59.27 -0.90 0.00	57.16 -1.17 0.00	52.34 -0.42 0.00	45.05 -0.69 0.00	40.74 -0.83 0.00	37.72 0.85 0.00
GELCKHM__115KV_LOAD 80723	38.38 -0.58 0.00	34.61 -0.49 0.00	30.97 -0.44 0.00	28.96 -0.29 0.00	29.27 -0.36 0.00	29.43 -0.36 0.00	31.38 -0.45 0.00	31.72 -0.48 0.00	29.70 -0.51 0.00	29.33 -0.45 0.00	28.30 -0.46 0.00	29.26 -0.48 0.00	30.44 -0.49 0.00	32.45 -0.46 0.00	34.48 -0.49 0.00	37.18 -0.49 0.00	43.87 -0.62 0.00	53.14 -0.59 0.00	59.45 -0.72 0.00	57.51 -0.82 0.00	52.29 -0.47 0.00	45.24 -0.50 0.00	41.03 -0.54 0.00	36.51 -0.37 0.00
GENERAL____MILLS 23808	38.65 -0.31 0.00	35.00 -0.11 0.00	30.75 -0.66 0.00	29.45 0.20 0.00	29.68 0.06 0.00	29.91 0.12 0.00	31.60 -0.22 0.00	32.00 -0.19 0.00	29.79 -0.42 0.00	29.71 -0.06 0.00	28.51 -0.26 0.00	29.56 -0.18 0.00	31.18 0.25 0.00	33.24 0.33 0.00	35.56 0.59 0.00	38.43 0.75 0.00	44.81 0.31 0.00	53.95 0.21 0.00	59.09 -1.08 0.00	56.99 -1.34 0.00	52.18 -0.58 0.00	44.91 -0.82 0.00	40.66 -0.91 0.00	37.65 0.77 0.00
GE_PLASTICS____DRP 24183	39.74 0.78 0.00	35.81 0.70 0.00	32.03 0.63 0.00	29.81 0.56 0.00	30.12 0.50 0.00	30.30 0.51 0.00	32.37 0.54 0.00	32.81 0.61 0.00	30.60 0.39 0.00	30.07 0.30 0.00	29.05 0.29 0.00	30.01 0.27 0.00	31.24 0.31 0.00	33.24 0.33 0.00	35.31 0.35 0.00	38.05 0.38 0.00	45.08 0.58 0.00	54.38 0.64 0.00	60.96 0.78 0.00	59.14 0.82 0.00	53.72 0.95 0.00	46.61 0.87 0.00	42.45 0.87 0.00	37.54 0.66 0.00
GILBOA____1 23756	39.86 0.90 0.00	35.88 0.77 0.00	32.00 0.60 0.00	29.98 0.73 0.00	30.33 0.71 0.00	30.50 0.71 0.00	32.62 0.80 0.00	33.10 0.90 0.00	30.81 0.60 0.00	30.31 0.54 0.00	29.31 0.55 0.00	30.27 0.54 0.00	31.59 0.65 0.00	33.57 0.66 0.00	35.66 0.70 0.00	38.43 0.75 0.00	45.47 0.98 0.00	54.59 0.86 0.00	61.20 1.02 0.00	59.32 0.99 0.00	53.88 1.11 0.00	46.88 1.14 0.00	42.70 1.12 0.00	37.76 0.88 0.00
GILBOA____2 23757	39.86 0.90 0.00	35.88 0.77 0.00	32.00 0.60 0.00	29.98 0.73 0.00	30.33 0.71 0.00	30.50 0.71 0.00	32.62 0.80 0.00	33.10 0.90 0.00	30.81 0.60 0.00	30.31 0.54 0.00	29.31 0.55 0.00	30.27 0.54 0.00	31.59 0.65 0.00	33.57 0.66 0.00	35.66 0.70 0.00	38.43 0.75 0.00	45.47 0.98 0.00	54.59 0.86 0.00	61.20 1.02 0.00	59.32 0.99 0.00	53.88 1.11 0.00	46.88 1.14 0.00	42.70 1.12 0.00	37.76 0.88 0.00
GILBOA____3 23758	39.86 0.90 0.00	35.88 0.77 0.00	32.00 0.60 0.00	29.98 0.73 0.00	30.33 0.71 0.00	30.50 0.71 0.00	32.62 0.80 0.00	33.10 0.90 0.00	30.81 0.60 0.00	30.31 0.54 0.00	29.31 0.55 0.00	30.27 0.54 0.00	31.59 0.65 0.00	33.57 0.66 0.00	35.66 0.70 0.00	38.43 0.75 0.00	45.47 0.98 0.00	54.59 0.86 0.00	61.20 1.02 0.00	59.32 0.99 0.00	53.88 1.11 0.00	46.88 1.14 0.00	42.70 1.12 0.00	37.76 0.88 0.00
GILBOA____4 23759	39.86 0.90 0.00	35.88 0.77 0.00	32.00 0.60 0.00	29.98 0.73 0.00	30.33 0.71 0.00	30.50 0.71 0.00	32.62 0.80 0.00	33.10 0.90 0.00	30.81 0.60 0.00	30.31 0.54 0.00	29.31 0.55 0.00	30.27 0.54 0.00	31.59 0.65 0.00	33.57 0.66 0.00	35.66 0.70 0.00	38.43 0.75 0.00	45.47 0.98 0.00	54.59 0.86 0.00	61.20 1.02 0.00	59.32 0.99 0.00	53.88 1.11 0.00	46.88 1.14 0.00	42.70 1.12 0.00	37.76 0.88 0.00

GILBOA____ 23599	39.86 0.90 0.00	35.91 0.81 0.00	32.25 0.85 0.00	30.01 0.76 0.00	30.39 0.77 0.00	30.56 0.77 0.00	32.65 0.83 0.00	33.13 0.93 0.00	30.84 0.63 0.00	30.37 0.60 0.00	29.34 0.58 0.00	30.33 0.59 0.00	31.58 0.65 0.00	33.57 0.66 0.00	35.66 0.70 0.00	38.43 0.75 0.00	45.48 0.98 0.00	54.75 1.02 0.00	61.20 1.02 0.00	59.32 0.99 0.00	53.87 1.11 0.00	46.88 1.14 0.00	42.70 1.12 0.00	37.76 0.88 0.00
GINNA____ 23603	37.25 -1.71 0.00	33.49 -1.61 0.00	29.99 -1.41 0.00	28.11 -1.14 0.00	28.41 -1.22 0.00	28.54 -1.25 0.00	30.36 -1.46 0.00	30.59 -1.61 0.00	28.61 -1.60 0.00	28.34 -1.43 0.00	27.36 -1.41 0.00	28.43 -1.31 0.00	29.70 -1.24 0.00	31.66 -1.25 0.00	33.84 -1.12 0.00	36.51 -1.17 0.00	43.07 -1.43 0.00	52.39 -1.34 0.00	58.01 -2.16 0.00	55.99 -2.33 0.00	51.03 -1.74 0.00	44.00 -1.74 0.00	39.79 -1.79 0.00	35.77 -1.11 0.00
GLEN PARK____ 23778	40.64 1.67 0.00	36.61 1.51 0.00	32.82 1.41 0.00	30.48 1.23 0.00	30.78 1.15 0.00	30.89 1.10 0.00	33.07 1.24 0.00	33.07 0.87 0.00	30.78 0.57 0.00	29.95 0.18 0.00	28.94 0.17 0.00	29.95 0.21 0.00	31.00 0.06 0.00	33.11 0.20 0.00	35.24 0.28 0.00	38.09 0.42 0.00	45.12 0.62 0.00	55.29 1.56 0.00	62.76 2.59 0.00	60.95 2.63 0.00	55.72 2.95 0.00	48.25 2.51 0.00	43.53 1.95 0.00	38.57 1.70 0.00
GLENDALE_27_KV_LOAD 356172	41.50 2.53 0.00	37.28 2.18 0.00	33.26 1.85 0.00	30.95 1.70 0.00	31.25 1.63 0.00	31.46 1.67 0.00	33.77 1.94 0.00	34.23 2.03 0.00	32.23 2.02 0.00	32.01 2.23 0.00	31.07 2.30 0.00	32.18 2.44 0.00	33.53 2.60 0.00	35.54 2.63 0.00	37.73 2.76 0.00	40.69 3.01 0.00	48.01 3.52 0.00	56.95 3.22 0.00	63.19 3.01 0.00	61.18 2.86 0.00	55.61 2.85 0.00	48.67 2.93 0.00	44.57 2.99 0.00	39.38 2.51 0.00
GLENWOOD_IC_1_G5 23712	41.54 2.57 0.00	37.28 2.18 0.00	33.13 1.73 0.00	30.77 1.52 0.00	31.07 1.45 0.00	31.22 1.43 0.00	33.64 1.81 0.00	34.26 2.06 0.00	32.29 2.08 0.00	32.01 2.23 0.00	33.03 2.21 -2.05	33.85 2.32 -1.80	35.81 2.51 -2.37	38.99 2.57 -3.51	39.69 2.69 -2.03	41.13 2.94 -0.52	47.97 3.47 0.00	57.01 3.28 0.00	63.43 3.25 0.00	61.36 3.03 0.00	55.56 2.80 0.00	48.48 2.74 0.00	44.11 2.54 0.00	39.42 2.54 0.00
GLENWOOD_IC_2_G1 23688	41.27 2.30 -0.01	37.07 1.96 0.00	32.91 1.51 0.00	30.57 1.32 0.00	30.84 1.21 0.00	31.04 1.25 0.00	33.42 1.59 0.00	34.03 1.83 0.00	32.05 1.84 0.00	31.78 2.00 -0.01	32.77 1.96 -2.05	33.58 2.05 -1.80	35.59 2.29 -2.37	38.76 2.34 -3.51	39.41 2.41 -2.03	40.83 2.64 -0.52	47.61 3.11 0.00	56.90 3.17 0.00	63.36 3.19 0.00	61.30 2.97 0.00	55.61 2.85 0.00	48.30 2.56 0.00	43.94 2.37 0.00	39.13 2.25 -0.01
GLENWOOD_IC_3_G1 23689	41.27 2.30 -0.01	37.07 1.96 0.00	32.91 1.51 0.00	30.57 1.32 0.00	30.84 1.21 0.00	31.04 1.25 0.00	33.42 1.59 0.00	34.03 1.83 0.00	32.05 1.84 0.00	31.78 2.00 -0.01	32.77 1.96 -2.05	33.58 2.05 -1.80	35.59 2.29 -2.37	38.76 2.34 -3.51	39.41 2.41 -2.03	40.83 2.64 -0.52	47.61 3.11 0.00	56.90 3.17 0.00	63.36 3.19 0.00	61.30 2.97 0.00	55.61 2.85 0.00	48.30 2.56 0.00	43.94 2.37 0.00	39.13 2.25 -0.01
GLENWOOD____4 23550	41.54 2.57 0.00	37.28 2.18 0.00	33.13 1.73 0.00	30.77 1.52 0.00	31.07 1.45 0.00	31.22 1.43 0.00	33.64 1.81 0.00	34.26 2.06 0.00	32.29 2.08 0.00	32.01 2.23 0.00	33.03 2.21 -2.05	33.85 2.32 -1.80	35.81 2.51 -2.37	38.99 2.57 -3.51	39.69 2.69 -2.03	41.13 2.94 -0.52	47.97 3.47 0.00	57.17 3.44 0.00	63.55 3.37 0.00	61.53 3.21 0.00	55.72 2.95 0.00	48.48 2.74 0.00	44.11 2.54 0.00	39.42 2.54 0.00
GLENWOOD____5 23614	41.54 2.57 0.00	37.28 2.18 0.00	33.13 1.73 0.00	30.77 1.52 0.00	31.07 1.45 0.00	31.22 1.43 0.00	33.64 1.81 0.00	34.26 2.06 0.00	32.29 2.08 0.00	32.01 2.23 0.00	33.03 2.21 -2.05	33.85 2.32 -1.80	35.81 2.51 -2.37	38.99 2.57 -3.51	39.69 2.69 -2.03	41.13 2.94 -0.52	47.97 3.47 0.00	57.17 3.44 0.00	63.55 3.37 0.00	61.53 3.21 0.00	55.72 2.95 0.00	48.48 2.74 0.00	44.11 2.54 0.00	39.42 2.54 0.00
GLOBAL GREEN_PORT_GT1 23814	42.99 4.01 -0.01	38.44 3.34 0.00	33.64 2.23 0.00	31.06 1.81 0.00	31.13 1.51 0.00	31.34 1.55 0.00	34.18 2.36 0.00	35.13 2.93 0.00	33.41 3.20 0.00	33.62 3.84 -0.01	34.49 3.68 -2.05	35.28 3.75 -1.80	37.39 4.08 -2.37	40.76 4.34 -3.51	41.69 4.69 -2.03	43.54 5.35 -0.52	50.81 6.32 0.00	61.04 7.31 0.00	67.64 7.46 0.00	65.09 6.76 0.00	58.83 6.07 0.00	50.45 4.71 0.00	45.82 4.24 0.00	41.34 4.46 -0.01
GLOBE____DSASP 323697	38.34 -0.62 0.00	34.72 -0.39 0.00	30.49 -0.91 0.00	29.25 0.00 0.00	29.47 -0.15 0.00	29.67 -0.12 0.00	30.71 -1.11 0.00	31.72 -0.48 0.00	28.88 -1.33 0.00	29.33 -0.45 0.00	27.76 -1.01 0.00	28.70 -1.04 0.00	30.25 -0.68 0.00	32.22 -0.69 0.00	34.48 -0.49 0.00	37.22 -0.45 0.00	43.34 -1.16 0.00	52.17 -1.56 0.00	56.99 -3.19 0.00	54.83 -3.50 0.00	50.29 -2.48 0.00	43.31 -2.42 0.00	39.33 -2.24 0.00	36.62 -0.26 0.00
GOETHSLN____LBMP 323567	40.95 1.99 0.00	36.75 1.65 0.00	32.82 1.41 0.00	30.51 1.26 0.00	30.84 1.21 0.00	31.01 1.22 0.00	33.39 1.56 0.00	33.97 1.77 0.00	32.02 1.81 0.00	31.68 1.91 0.00	30.72 1.96 0.00	31.82 2.08 0.00	33.16 2.23 0.00	35.15 2.24 0.00	37.31 2.34 0.00	40.24 2.56 0.00	47.43 2.94 0.00	56.58 2.85 0.00	63.01 2.83 0.00	61.01 2.68 0.00	55.35 2.59 0.00	48.21 2.47 0.00	43.98 2.41 0.00	38.83 1.95 0.00
GOLAH____69_KV_TB 1_2 80279	39.00 0.04 0.00	35.14 0.04 0.00	31.15 -0.25 0.00	29.48 0.23 0.00	29.77 0.15 0.00	29.97 0.18 0.00	31.79 -0.03 0.00	32.00 -0.19 0.00	29.82 -0.39 0.00	29.56 -0.21 0.00	28.42 -0.35 0.00	29.47 -0.27 0.00	30.90 -0.03 0.00	32.91 0.00 0.00	35.28 0.31 0.00	38.09 0.41 0.00	44.76 0.27 0.00	54.38 0.64 0.00	60.24 0.06 0.00	58.21 -0.12 0.00	53.19 0.42 0.00	45.83 0.09 0.00	41.45 -0.12 0.00	37.61 0.74 0.00
GOODYEAR_LAKE_HYD 323669	40.25 1.29 0.00	36.26 1.16 0.00	32.38 0.97 0.00	30.22 0.97 0.00	30.57 0.95 0.00	30.77 0.98 0.00	32.91 1.08 0.00	33.16 0.97 0.00	30.99 0.79 0.00	30.43 0.65 0.00	29.40 0.63 0.00	30.42 0.68 0.00	31.65 0.71 0.00	33.70 0.79 0.00	35.87 0.91 0.00	38.77 1.09 0.00	45.83 1.33 0.00	55.50 1.77 0.00	62.34 2.17 0.00	60.54 2.22 0.00	55.14 2.37 0.00	47.70 1.97 0.00	43.24 1.66 0.00	38.42 1.55 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.00 0.04 0.00	35.21 0.11 0.00	31.34 -0.06 0.00	29.45 0.20 0.00	29.77 0.15 0.00	29.94 0.15 0.00	31.92 0.10 0.00	32.29 0.10 0.00	30.18 -0.03 0.00	29.83 0.06 0.00	28.76 0.00 0.00	29.74 0.00 0.00	31.03 0.09 0.00	33.01 0.10 0.00	35.14 0.17 0.00	37.94 0.26 0.00	44.72 0.22 0.00	54.11 0.38 0.00	60.30 0.12 0.00	58.39 0.06 0.00	53.19 0.42 0.00	45.97 0.23 0.00	41.66 0.08 0.00	37.28 0.41 0.00

GOUDEY___7 23579	39.00 0.04 0.00	35.21 0.11 0.00	31.34 -0.06 0.00	29.45 0.20 0.00	29.77 0.15 0.00	29.94 0.15 0.00	31.92 0.10 0.00	32.29 0.10 0.00	30.18 -0.03 0.00	29.83 0.06 0.00	28.76 0.00 0.00	29.74 0.00 0.00	31.03 0.09 0.00	33.01 0.10 0.00	35.14 0.17 0.00	37.94 0.26 0.00	44.72 0.22 0.00	54.11 0.38 0.00	60.30 0.12 0.00	58.39 0.06 0.00	53.19 0.42 0.00	45.97 0.23 0.00	41.66 0.08 0.00	37.28 0.41 0.00
GOUDEY___8 23580	39.00 0.04 0.00	35.21 0.11 0.00	31.34 -0.06 0.00	29.45 0.20 0.00	29.77 0.15 0.00	29.94 0.15 0.00	31.92 0.10 0.00	32.29 0.10 0.00	30.18 -0.03 0.00	29.83 0.06 0.00	28.76 0.00 0.00	29.74 0.00 0.00	31.03 0.09 0.00	33.01 0.10 0.00	35.14 0.17 0.00	37.94 0.26 0.00	44.72 0.22 0.00	54.11 0.38 0.00	60.30 0.12 0.00	58.39 0.06 0.00	53.19 0.42 0.00	45.97 0.23 0.00	41.66 0.08 0.00	37.28 0.41 0.00
GOWANUS_GT1_1 24077	41.61 2.65 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.34 1.72 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.14 1.93 0.00	31.95 2.17 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GOWANUS_GT1_2 24078	41.61 2.65 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.34 1.72 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.14 1.93 0.00	31.95 2.17 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GOWANUS_GT1_3 24079	41.61 2.65 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.34 1.72 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.14 1.93 0.00	31.95 2.17 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GOWANUS_GT1_4 24080	41.61 2.65 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.34 1.72 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.14 1.93 0.00	31.95 2.17 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GOWANUS_GT1_5 24084	41.61 2.65 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.34 1.72 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.14 1.93 0.00	31.95 2.17 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GOWANUS_GT1_6 24111	41.61 2.65 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.34 1.72 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.14 1.93 0.00	31.95 2.17 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GOWANUS_GT1_7 24112	41.61 2.65 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.34 1.72 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.14 1.93 0.00	31.95 2.17 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GOWANUS_GT1_8 24113	41.61 2.65 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.34 1.72 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.14 1.93 0.00	31.95 2.17 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GOWANUS_GT2_1 24114	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.05 1.84 0.00	31.89 2.11 0.00	30.87 2.10 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.49 2.57 -0.01	37.70 2.73 -0.01	40.66 2.98 3.51	48.01 3.28 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
GOWANUS_GT2_2 24115	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.05 1.84 0.00	31.89 2.11 0.00	30.87 2.10 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.49 2.57 -0.01	37.70 2.73 -0.01	40.66 2.98 3.51	48.01 3.28 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
GOWANUS_GT2_3 24116	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.05 1.84 0.00	31.89 2.11 0.00	30.87 2.10 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.49 2.57 -0.01	37.70 2.73 -0.01	40.66 2.98 3.51	48.01 3.28 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
GOWANUS_GT2_4 24117	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.05 1.84 0.00	31.89 2.11 0.00	30.87 2.10 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.49 2.57 -0.01	37.70 2.73 -0.01	40.66 2.98 3.51	48.01 3.28 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
GOWANUS_GT2_5 24118	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.05 1.84 0.00	31.89 2.11 0.00	30.87 2.10 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.49 2.57 -0.01	37.70 2.73 -0.01	40.66 2.98 3.51	48.01 3.28 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01

GOWANUS_GT2_6 24119	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.05 1.84 0.00	31.89 2.11 0.00	30.87 2.10 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.49 2.57 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
GOWANUS_GT2_7 24120	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.05 1.84 0.00	31.89 2.11 0.00	30.87 2.10 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.49 2.57 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
GOWANUS_GT2_8 24121	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.05 1.84 0.00	31.89 2.11 0.00	30.87 2.10 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.49 2.57 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
GOWANUS_GT3_1 24122	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
GOWANUS_GT3_2 24123	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
GOWANUS_GT3_3 24124	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
GOWANUS_GT3_4 24125	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
GOWANUS_GT3_5 24126	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
GOWANUS_GT3_6 24127	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
GOWANUS_GT3_7 24128	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
GOWANUS_GT3_8 24129	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
GOWANUS_GT4_1 24130	41.58 2.61 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.31 1.69 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.11 1.90 0.00	31.92 2.14 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GOWANUS_GT4_2 24131	41.58 2.61 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.31 1.69 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.11 1.90 0.00	31.92 2.14 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GOWANUS_GT4_3 24132	41.58 2.61 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.31 1.69 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.11 1.90 0.00	31.92 2.14 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GOWANUS_GT4_4 24133	41.58 2.61 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.31 1.69 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.11 1.90 0.00	31.92 2.14 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00

GOWANUS_GT4_5 24134	41.58 2.61 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.31 1.69 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.11 1.90 0.00	31.92 2.14 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GOWANUS_GT4_6 24135	41.58 2.61 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.31 1.69 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.11 1.90 0.00	31.92 2.14 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GOWANUS_GT4_7 24136	41.58 2.61 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.31 1.69 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.11 1.90 0.00	31.92 2.14 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GOWANUS_GT4_8 24137	41.58 2.61 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.31 1.69 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.11 1.90 0.00	31.92 2.14 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GREATVR_69_KV_BK1 356245	42.82 3.86 0.00	38.33 3.23 0.00	33.82 2.42 0.00	31.39 2.14 0.00	31.61 1.98 0.00	31.70 1.91 0.00	34.40 2.58 0.00	35.13 2.93 0.00	33.17 2.96 0.00	33.11 3.33 0.00	33.95 3.14 -2.05	34.71 3.18 -1.80	36.65 3.34 -2.37	39.84 3.42 -3.51	40.60 3.60 -2.03	42.22 4.03 -0.52	49.17 4.67 0.00	58.94 5.21 0.00	65.29 5.12 0.00	63.11 4.78 0.00	57.09 4.33 0.00	49.12 3.38 0.00	44.73 3.16 0.00	40.49 3.61 0.00
GREENBSH_115KV_TB3 55895	39.74 0.78 0.00	35.77 0.67 0.00	32.00 0.60 0.00	29.78 0.53 0.00	30.07 0.44 0.00	30.21 0.42 0.00	32.27 0.45 0.00	32.71 0.52 0.00	30.51 0.30 0.00	29.98 0.21 0.00	28.94 0.17 0.00	29.89 0.15 0.00	31.12 0.19 0.00	33.11 0.20 0.00	35.17 0.21 0.00	37.90 0.23 0.00	44.90 0.40 0.00	54.16 0.43 0.00	60.78 0.60 0.00	58.97 0.64 0.00	53.56 0.79 0.00	46.52 0.78 0.00	42.36 0.79 0.00	37.43 0.55 0.00
GREENDGE_115KV_TB5 80291	39.20 0.23 0.00	35.35 0.25 0.00	31.41 0.00 0.00	29.60 0.35 0.00	29.89 0.27 0.00	30.09 0.30 0.00	32.02 0.19 0.00	32.26 0.06 0.00	30.06 -0.15 0.00	29.71 -0.06 0.00	28.56 -0.20 0.00	29.59 -0.15 0.00	30.93 0.00 0.00	32.94 0.03 0.00	35.14 0.17 0.00	37.98 0.30 0.00	44.81 0.31 0.00	54.00 0.27 0.00	60.24 0.06 0.00	58.33 0.00 0.00	53.29 0.53 0.00	45.92 0.18 0.00	41.91 0.33 0.00	37.65 0.77 0.00
GREENIDGE___3 23582	39.20 0.23 0.00	35.35 0.25 0.00	31.41 0.00 0.00	29.60 0.35 0.00	29.89 0.27 0.00	30.09 0.30 0.00	32.02 0.19 0.00	32.26 0.06 0.00	30.06 -0.15 0.00	29.71 -0.06 0.00	28.56 -0.20 0.00	29.59 -0.15 0.00	30.93 0.00 0.00	32.94 0.03 0.00	35.14 0.17 0.00	37.98 0.30 0.00	44.81 0.31 0.00	54.00 0.27 0.00	60.24 0.06 0.00	58.33 0.00 0.00	53.29 0.53 0.00	45.92 0.18 0.00	41.91 0.33 0.00	37.65 0.77 0.00
GREENIDGE___4 23583	39.20 0.24 0.00	35.35 0.25 0.00	31.56 0.16 0.00	29.60 0.35 0.00	29.89 0.27 0.00	30.06 0.27 0.00	31.99 0.16 0.00	32.23 0.03 0.00	30.06 -0.15 0.00	29.71 -0.06 0.00	28.59 -0.17 0.00	29.62 -0.12 0.00	30.97 0.03 0.00	33.01 0.10 0.00	35.21 0.25 0.00	37.97 0.30 0.00	44.81 0.31 0.00	54.21 0.48 0.00	60.24 0.06 0.00	58.39 0.06 0.00	53.29 0.53 0.00	45.92 0.18 0.00	41.90 0.33 0.00	37.68 0.81 0.00
GREENLWN_69_KV_BK 3 55738	41.69 2.73 0.00	37.35 2.25 0.00	33.07 1.66 0.00	30.68 1.43 0.00	30.92 1.30 0.00	31.04 1.25 0.00	33.61 1.78 0.00	34.29 2.09 0.00	32.35 2.14 0.00	32.18 2.41 0.00	33.06 2.24 -2.05	33.88 2.35 -1.80	35.81 2.51 -2.37	38.95 2.53 -3.51	39.59 2.59 -2.03	40.87 2.67 -0.52	47.52 3.03 0.00	56.90 3.17 0.00	63.13 2.95 0.00	61.01 2.68 0.00	55.19 2.43 0.00	47.61 1.88 0.00	43.40 1.83 0.00	39.49 2.62 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.61 2.65 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.34 1.72 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.14 1.93 0.00	31.95 2.17 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00
GRISSOM___SOLAR 323813	41.42 2.46 0.00	37.28 2.18 0.00	33.32 1.92 0.00	30.98 1.73 0.00	31.43 1.81 0.00	31.64 1.85 0.00	33.67 1.85 0.00	33.58 1.38 0.00	30.81 0.60 0.00	29.86 0.09 0.00	28.56 -0.20 0.00	29.41 -0.33 0.00	30.60 -0.34 0.00	32.75 -0.16 0.00	34.97 0.00 0.00	37.94 0.27 0.00	45.30 0.80 0.00	55.29 1.56 0.00	63.42 3.25 0.00	62.35 4.02 0.00	56.99 4.22 0.00	49.21 3.47 0.00	44.82 3.24 0.00	39.60 2.73 0.00
GROVEVILLE___HYD 323602	40.87 1.91 0.00	36.75 1.65 0.00	32.79 1.38 0.00	30.51 1.26 0.00	30.89 1.27 0.00	31.04 1.25 0.00	33.32 1.50 0.00	33.78 1.58 0.00	31.66 1.45 0.00	31.17 1.40 0.00	30.17 1.41 0.00	31.19 1.46 0.00	32.54 1.61 0.00	34.62 1.71 0.00	36.75 1.78 0.00	39.71 2.03 0.00	46.99 2.49 0.00	56.47 2.74 0.00	63.19 3.01 0.00	61.30 2.97 0.00	55.61 2.85 0.00	48.25 2.52 0.00	43.90 2.33 0.00	38.79 1.92 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.61 -0.35 0.00	34.79 -0.32 0.00	31.12 -0.28 0.00	29.13 -0.12 0.00	29.44 -0.18 0.00	29.61 -0.18 0.00	31.57 -0.25 0.00	31.91 -0.29 0.00	29.85 -0.36 0.00	29.47 -0.30 0.00	28.45 -0.32 0.00	29.41 -0.33 0.00	30.59 -0.34 0.00	32.62 -0.30 0.00	34.65 -0.31 0.00	37.37 -0.30 0.00	44.14 -0.36 0.00	53.46 -0.27 0.00	59.82 -0.36 0.00	57.92 -0.41 0.00	52.61 -0.16 0.00	45.51 -0.23 0.00	41.28 -0.29 0.00	36.76 -0.11 0.00
HAMLTNNY_34_KV_TB 80303	38.77 -0.19 0.00	34.93 -0.18 0.00	31.22 -0.19 0.00	29.25 0.00 0.00	29.53 -0.09 0.00	29.73 -0.06 0.00	31.67 -0.16 0.00	31.97 -0.23 0.00	29.91 -0.30 0.00	29.53 -0.24 0.00	28.51 -0.26 0.00	29.50 -0.24 0.00	30.72 -0.22 0.00	32.71 -0.20 0.00	34.83 -0.14 0.00	37.60 -0.08 0.00	44.36 -0.13 0.00	53.78 0.05 0.00	60.12 -0.06 0.00	58.15 -0.17 0.00	52.92 0.16 0.00	45.74 0.00 0.00	41.45 -0.12 0.00	36.99 0.11 0.00

HAMPSHIRE___PAPER_HYD 323593	40.02 1.05 0.00	36.05 0.95 0.00	32.25 0.85 0.00	29.87 0.62 0.00	30.27 0.65 0.00	30.48 0.69 0.00	32.59 0.76 0.00	32.71 0.51 0.00	30.63 0.42 0.00	30.04 0.27 0.00	29.02 0.26 0.00	30.00 0.27 0.00	31.12 0.19 0.00	33.14 0.23 0.00	35.21 0.25 0.00	37.97 0.30 0.00	44.81 0.31 0.00	54.48 0.75 0.00	61.56 1.39 0.00	59.61 1.28 0.00	54.03 1.26 0.00	46.83 1.10 0.00	42.36 0.79 0.00	37.50 0.63 0.00
HARDSCRABBLE_WT_PWR 323673	38.38 -0.58 0.00	34.61 -0.49 0.00	30.97 -0.44 0.00	28.84 -0.41 0.00	29.21 -0.41 0.00	29.34 -0.45 0.00	31.41 -0.41 0.00	31.75 -0.45 0.00	29.76 -0.45 0.00	29.24 -0.54 0.00	28.27 -0.49 0.00	29.23 -0.51 0.00	30.35 -0.59 0.00	32.29 -0.63 0.00	34.34 -0.63 0.00	37.00 -0.68 0.00	43.65 -0.85 0.00	52.77 -0.97 0.00	59.15 -1.02 0.00	57.28 -1.05 0.00	51.98 -0.79 0.00	45.14 -0.60 0.00	41.08 -0.50 0.00	36.39 -0.48 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.64 1.68 0.00	36.58 1.47 0.00	32.63 1.22 0.00	30.36 1.11 0.00	30.72 1.10 0.00	30.89 1.10 0.00	33.16 1.34 0.00	33.65 1.45 0.00	31.60 1.39 0.00	31.17 1.40 0.00	30.17 1.41 0.00	31.22 1.49 0.00	32.57 1.64 0.00	34.62 1.71 0.00	36.71 1.75 0.00	39.63 1.96 0.00	46.81 2.31 0.00	56.26 2.53 0.00	62.82 2.65 0.00	60.89 2.57 0.00	55.30 2.53 0.00	47.98 2.24 0.00	43.65 2.08 0.00	38.57 1.70 0.00
HARSNRAD_115KV_TB1 81005	38.42 -0.55 0.00	34.75 -0.35 0.00	30.56 -0.85 0.00	29.28 0.03 0.00	29.50 -0.12 0.00	29.70 -0.09 0.00	31.57 -0.25 0.00	31.75 -0.45 0.00	29.64 -0.57 0.00	29.45 -0.33 0.00	28.16 -0.60 0.00	29.20 -0.54 0.00	30.81 -0.12 0.00	32.81 -0.10 0.00	35.14 0.17 0.00	37.98 0.30 0.00	44.27 -0.22 0.00	53.35 -0.38 0.00	58.37 -1.81 0.00	56.23 -2.10 0.00	51.55 -1.21 0.00	44.37 -1.37 0.00	40.20 -1.37 0.00	37.61 0.74 0.00
HARZA MOOSE___RIVER 24016	39.98 1.01 0.00	36.02 0.91 0.00	32.22 0.82 0.00	29.98 0.73 0.00	30.33 0.71 0.00	30.48 0.69 0.00	32.62 0.80 0.00	32.81 0.61 0.00	30.66 0.45 0.00	29.98 0.21 0.00	28.97 0.20 0.00	29.98 0.24 0.00	31.09 0.15 0.00	33.14 0.23 0.00	35.28 0.31 0.00	38.09 0.41 0.00	45.03 0.53 0.00	54.75 1.02 0.00	61.80 1.62 0.00	59.67 1.34 0.00	54.24 1.48 0.00	46.97 1.23 0.00	42.49 0.91 0.00	37.65 0.77 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.34 -0.62 0.00	34.58 -0.53 0.00	30.97 -0.44 0.00	28.96 -0.29 0.00	29.27 -0.36 0.00	29.43 -0.36 0.00	31.41 -0.41 0.00	31.75 -0.45 0.00	29.70 -0.51 0.00	29.33 -0.45 0.00	28.30 -0.46 0.00	29.29 -0.45 0.00	30.47 -0.46 0.00	32.45 -0.46 0.00	34.48 -0.49 0.00	37.15 -0.53 0.00	43.83 -0.67 0.00	53.09 -0.64 0.00	59.39 -0.78 0.00	57.45 -0.87 0.00	52.24 -0.53 0.00	45.19 -0.55 0.00	40.99 -0.58 0.00	36.51 -0.37 0.00
HELLGATE_13_KV_LD 55870	41.50 2.53 0.00	37.28 2.18 0.00	33.26 1.85 0.00	30.95 1.70 0.00	31.28 1.66 0.00	31.46 1.67 0.00	33.80 1.97 0.00	34.23 2.03 0.00	32.23 2.02 0.00	32.01 2.23 0.00	31.09 2.33 0.00	32.18 2.44 0.00	33.56 2.63 0.00	35.58 2.67 0.00	37.76 2.80 0.00	40.73 3.05 0.00	48.01 3.52 0.00	56.85 3.12 0.00	63.07 2.89 0.00	61.07 2.74 0.00	55.51 2.74 0.00	48.62 2.88 0.00	44.57 2.99 0.00	39.38 2.51 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.50 2.53 0.00	37.28 2.18 0.00	33.26 1.85 0.00	30.95 1.70 0.00	31.28 1.66 0.00	31.46 1.67 0.00	33.80 1.97 0.00	34.23 2.03 0.00	32.23 2.02 0.00	32.01 2.23 0.00	31.09 2.33 0.00	32.18 2.44 0.00	33.56 2.63 0.00	35.58 2.67 0.00	37.76 2.80 0.00	40.73 3.05 0.00	48.01 3.52 0.00	56.85 3.12 0.00	63.07 2.89 0.00	61.07 2.74 0.00	55.51 2.74 0.00	48.62 2.88 0.00	44.57 2.99 0.00	39.38 2.51 0.00
HEMPSTEAD___ 23647	41.54 2.57 -0.01	37.28 2.18 0.00	33.01 1.60 0.00	30.60 1.35 0.00	30.81 1.19 0.00	31.01 1.22 0.00	33.51 1.69 0.00	34.13 1.93 0.00	32.23 2.02 0.00	32.01 2.23 -0.01	32.91 2.10 -2.05	33.76 2.23 -1.80	35.78 2.48 -2.37	38.95 2.53 -3.51	39.62 2.62 -2.03	41.05 2.86 -0.52	47.84 3.34 0.00	57.12 3.39 0.00	63.48 3.31 0.00	61.36 3.03 0.00	55.61 2.85 0.00	48.16 2.42 0.00	43.86 2.29 0.00	39.39 2.51 -0.01
HICKLING___1 23621	39.08 0.12 0.00	35.32 0.21 0.00	31.31 -0.09 0.00	29.60 0.35 0.00	29.86 0.24 0.00	30.09 0.30 0.00	31.95 0.13 0.00	32.26 0.06 0.00	30.09 -0.12 0.00	29.77 0.00 0.00	28.65 -0.12 0.00	29.65 -0.09 0.00	31.03 0.09 0.00	33.01 0.10 0.00	35.17 0.21 0.00	38.01 0.34 0.00	44.76 0.27 0.00	54.16 0.43 0.00	60.24 0.06 0.00	58.33 0.00 0.00	53.35 0.58 0.00	46.01 0.27 0.00	41.66 0.08 0.00	37.58 0.70 0.00
HICKLING___2 23622	39.08 0.12 0.00	35.32 0.21 0.00	31.31 -0.09 0.00	29.60 0.35 0.00	29.86 0.24 0.00	30.09 0.30 0.00	31.95 0.13 0.00	32.26 0.06 0.00	30.09 -0.12 0.00	29.77 0.00 0.00	28.65 -0.12 0.00	29.65 -0.09 0.00	31.03 0.09 0.00	33.01 0.10 0.00	35.17 0.21 0.00	38.01 0.34 0.00	44.76 0.27 0.00	54.16 0.43 0.00	60.24 0.06 0.00	58.33 0.00 0.00	53.35 0.58 0.00	46.01 0.27 0.00	41.66 0.08 0.00	37.58 0.70 0.00
HIGH FALLS___HY 23754	40.76 1.79 0.00	36.68 1.58 0.00	32.69 1.29 0.00	30.42 1.17 0.00	30.81 1.18 0.00	30.98 1.19 0.00	33.29 1.46 0.00	33.74 1.55 0.00	31.66 1.45 0.00	31.17 1.40 0.00	30.20 1.44 0.00	31.22 1.49 0.00	32.57 1.64 0.00	34.66 1.74 0.00	36.82 1.85 0.00	39.78 2.11 0.00	47.08 2.58 0.00	56.63 2.90 0.00	63.31 3.13 0.00	61.36 3.03 0.00	55.72 2.95 0.00	48.30 2.56 0.00	43.90 2.33 0.00	38.79 1.92 0.00
HIGH_RIVER___SOLAR 323847	40.56 1.60 0.00	36.51 1.41 0.00	32.60 1.19 0.00	30.36 1.11 0.00	30.78 1.15 0.00	30.95 1.16 0.00	32.97 1.14 0.00	33.10 0.90 0.00	30.54 0.33 0.00	29.77 0.00 0.00	28.65 -0.11 0.00	29.56 -0.18 0.00	30.78 -0.15 0.00	32.85 -0.07 0.00	34.97 0.00 0.00	37.75 0.08 0.00	44.81 0.31 0.00	54.43 0.70 0.00	62.10 1.93 0.00	60.78 2.45 0.00	55.40 2.64 0.00	47.98 2.24 0.00	43.65 2.08 0.00	38.61 1.73 0.00
HILLBURN___GT 23639	40.60 1.64 0.00	36.54 1.44 0.00	32.53 1.13 0.00	30.27 1.02 0.00	30.60 0.98 0.00	30.80 1.01 0.00	33.07 1.24 0.00	33.61 1.42 0.00	31.63 1.42 0.00	31.23 1.46 0.00	30.23 1.47 0.00	31.31 1.58 0.00	32.73 1.79 0.00	34.75 1.84 0.00	36.85 1.89 0.00	39.71 2.03 0.00	46.85 2.36 0.00	56.15 2.42 0.00	62.64 2.47 0.00	60.72 2.39 0.00	55.08 2.32 0.00	47.84 2.11 0.00	43.57 2.00 0.00	38.54 1.66 0.00
HILLSIDE_115KV_TB1 80332	38.61 -0.35 0.00	34.86 -0.25 0.00	30.93 -0.47 0.00	29.25 0.00 0.00	29.50 -0.12 0.00	29.73 -0.06 0.00	31.60 -0.22 0.00	31.94 -0.26 0.00	29.82 -0.39 0.00	29.53 -0.24 0.00	28.42 -0.35 0.00	29.41 -0.33 0.00	30.78 -0.15 0.00	32.71 -0.20 0.00	34.86 -0.10 0.00	37.64 -0.04 0.00	44.32 -0.18 0.00	53.57 -0.16 0.00	59.51 -0.66 0.00	57.69 -0.64 0.00	52.61 -0.16 0.00	45.42 -0.32 0.00	41.16 -0.42 0.00	37.06 0.18 0.00

HISHELDN_WT_PWR 323625	38.69 -0.27 0.00	34.97 -0.14 0.00	31.09 -0.31 0.00	29.40 0.15 0.00	29.62 0.00 0.00	29.79 0.00 0.00	31.48 -0.35 0.00	31.84 -0.35 0.00	29.61 -0.60 0.00	29.50 -0.27 0.00	28.25 -0.52 0.00	29.35 -0.39 0.00	30.90 -0.03 0.00	33.01 0.10 0.00	35.21 0.25 0.00	37.94 0.27 0.00	44.36 -0.13 0.00	53.84 0.11 0.00	58.91 -1.27 0.00	57.04 -1.28 0.00	52.19 -0.58 0.00	44.96 -0.78 0.00	40.78 -0.79 0.00	37.57 0.70 0.00
HOLTSVILLE_IC_1 23690	42.21 3.23 -0.01	37.88 2.77 0.00	33.29 1.88 0.00	30.83 1.58 0.00	30.96 1.33 0.00	31.16 1.37 0.00	33.93 2.10 0.00	34.58 2.38 0.00	32.75 2.54 0.00	32.67 2.89 -0.01	33.46 2.64 -2.05	34.18 2.65 -1.80	36.09 2.79 -2.37	39.25 2.83 -3.51	39.94 2.94 -2.03	41.43 3.24 -0.52	48.19 3.69 0.00	57.71 3.98 0.00	64.03 3.85 0.00	61.71 3.38 0.00	56.04 3.27 0.00	48.21 2.47 0.00	43.90 2.33 0.00	39.72 2.84 -0.01
HOLTSVILLE_IC_10 23699	42.44 3.47 -0.01	38.05 2.95 0.00	33.45 2.04 0.00	30.95 1.70 0.00	31.07 1.45 0.00	31.28 1.49 0.00	34.09 2.26 0.00	34.74 2.54 0.00	32.90 2.69 0.00	32.85 3.07 -0.01	33.63 2.82 -2.05	34.39 2.86 -1.80	36.31 3.00 -2.37	39.51 3.09 -3.51	40.21 3.21 -2.03	41.73 3.54 -0.52	48.59 4.09 0.00	58.24 4.51 0.00	64.51 4.34 0.00	62.18 3.85 0.00	56.46 3.69 0.00	48.53 2.79 0.00	44.15 2.58 0.00	39.94 3.06 -0.01
HOLTSVILLE_IC_2 23691	42.21 3.23 -0.01	37.88 2.77 0.00	33.29 1.88 0.00	30.83 1.58 0.00	30.96 1.33 0.00	31.16 1.37 0.00	33.93 2.10 0.00	34.58 2.38 0.00	32.75 2.54 0.00	32.67 2.89 -0.01	33.46 2.64 -2.05	34.18 2.65 -1.80	36.09 2.79 -2.37	39.25 2.83 -3.51	39.94 2.94 -2.03	41.43 3.24 -0.52	48.19 3.69 0.00	57.71 3.98 0.00	64.03 3.85 0.00	61.71 3.38 0.00	56.04 3.27 0.00	48.21 2.47 0.00	43.90 2.33 0.00	39.72 2.84 -0.01
HOLTSVILLE_IC_3 23692	42.21 3.23 -0.01	37.88 2.77 0.00	33.29 1.88 0.00	30.83 1.58 0.00	30.96 1.33 0.00	31.16 1.37 0.00	33.93 2.10 0.00	34.58 2.38 0.00	32.75 2.54 0.00	32.67 2.89 -0.01	33.46 2.64 -2.05	34.18 2.65 -1.80	36.09 2.79 -2.37	39.25 2.83 -3.51	39.94 2.94 -2.03	41.43 3.24 -0.52	48.19 3.69 0.00	57.71 3.98 0.00	64.03 3.85 0.00	61.71 3.38 0.00	56.04 3.27 0.00	48.21 2.47 0.00	43.90 2.33 0.00	39.72 2.84 -0.01
HOLTSVILLE_IC_4 23693	42.21 3.23 -0.01	37.88 2.77 0.00	33.29 1.88 0.00	30.83 1.58 0.00	30.96 1.33 0.00	31.16 1.37 0.00	33.93 2.10 0.00	34.58 2.38 0.00	32.75 2.54 0.00	32.67 2.89 -0.01	33.46 2.64 -2.05	34.18 2.65 -1.80	36.09 2.79 -2.37	39.25 2.83 -3.51	39.94 2.94 -2.03	41.43 3.24 -0.52	48.19 3.69 0.00	57.71 3.98 0.00	64.03 3.85 0.00	61.71 3.38 0.00	56.04 3.27 0.00	48.21 2.47 0.00	43.90 2.33 0.00	39.72 2.84 -0.01
HOLTSVILLE_IC_5 23694	42.21 3.23 -0.01	37.88 2.77 0.00	33.29 1.88 0.00	30.83 1.58 0.00	30.96 1.33 0.00	31.16 1.37 0.00	33.93 2.10 0.00	34.58 2.38 0.00	32.75 2.54 0.00	32.67 2.89 -0.01	33.46 2.64 -2.05	34.18 2.65 -1.80	36.09 2.79 -2.37	39.25 2.83 -3.51	39.94 2.94 -2.03	41.43 3.24 -0.52	48.19 3.69 0.00	57.71 3.98 0.00	64.03 3.85 0.00	61.71 3.38 0.00	56.04 3.27 0.00	48.21 2.47 0.00	43.90 2.33 0.00	39.72 2.84 -0.01
HOLTSVILLE_IC_6 23695	42.44 3.47 -0.01	38.05 2.95 0.00	33.45 2.04 0.00	30.95 1.70 0.00	31.07 1.45 0.00	31.28 1.49 0.00	34.09 2.26 0.00	34.74 2.54 0.00	32.90 2.69 0.00	32.85 3.07 -0.01	33.63 2.82 -2.05	34.39 2.86 -1.80	36.31 3.00 -2.37	39.51 3.09 -3.51	40.21 3.21 -2.03	41.73 3.54 -0.52	48.59 4.09 0.00	58.24 4.51 0.00	64.51 4.34 0.00	62.18 3.85 0.00	56.46 3.69 0.00	48.53 2.79 0.00	44.15 2.58 0.00	39.94 3.06 -0.01
HOLTSVILLE_IC_7 23696	42.44 3.47 -0.01	38.05 2.95 0.00	33.45 2.04 0.00	30.95 1.70 0.00	31.07 1.45 0.00	31.28 1.49 0.00	34.09 2.26 0.00	34.74 2.54 0.00	32.90 2.69 0.00	32.85 3.07 -0.01	33.63 2.82 -2.05	34.39 2.86 -1.80	36.31 3.00 -2.37	39.51 3.09 -3.51	40.21 3.21 -2.03	41.73 3.54 -0.52	48.59 4.09 0.00	58.24 4.51 0.00	64.51 4.34 0.00	62.18 3.85 0.00	56.46 3.69 0.00	48.53 2.79 0.00	44.15 2.58 0.00	39.94 3.06 -0.01
HOLTSVILLE_IC_8 23697	42.44 3.47 -0.01	38.05 2.95 0.00	33.45 2.04 0.00	30.95 1.70 0.00	31.07 1.45 0.00	31.28 1.49 0.00	34.09 2.26 0.00	34.74 2.54 0.00	32.90 2.69 0.00	32.85 3.07 -0.01	33.63 2.82 -2.05	34.39 2.86 -1.80	36.31 3.00 -2.37	39.51 3.09 -3.51	40.21 3.21 -2.03	41.73 3.54 -0.52	48.59 4.09 0.00	58.24 4.51 0.00	64.51 4.34 0.00	62.18 3.85 0.00	56.46 3.69 0.00	48.53 2.79 0.00	44.15 2.58 0.00	39.94 3.06 -0.01
HOLTSVILLE_IC_9 23698	42.44 3.47 -0.01	38.05 2.95 0.00	33.45 2.04 0.00	30.95 1.70 0.00	31.07 1.45 0.00	31.28 1.49 0.00	34.09 2.26 0.00	34.74 2.54 0.00	32.90 2.69 0.00	32.85 3.07 -0.01	33.63 2.82 -2.05	34.39 2.86 -1.80	36.31 3.00 -2.37	39.51 3.09 -3.51	40.21 3.21 -2.03	41.73 3.54 -0.52	48.59 4.09 0.00	58.24 4.51 0.00	64.51 4.34 0.00	62.18 3.85 0.00	56.46 3.69 0.00	48.53 2.79 0.00	44.15 2.58 0.00	39.94 3.06 -0.01
HOMER_HL_115KV_TB2 355744	37.64 -1.32 0.00	34.16 -0.95 0.00	30.06 -1.35 0.00	28.78 -0.47 0.00	29.00 -0.62 0.00	29.28 -0.51 0.00	31.00 -0.83 0.00	31.49 -0.71 0.00	29.39 -0.82 0.00	29.27 -0.51 0.00	28.13 -0.63 0.00	29.20 -0.54 0.00	30.75 -0.19 0.00	32.68 -0.23 0.00	34.90 -0.07 0.00	37.71 0.04 0.00	44.10 -0.40 0.00	53.09 -0.64 0.00	58.31 -1.87 0.00	56.40 -1.92 0.00	51.55 -1.21 0.00	44.37 -1.37 0.00	40.04 -1.54 0.00	36.65 -0.22 0.00
HOWARD_WT_PWR 323690	39.35 0.39 0.00	35.53 0.42 0.00	31.63 0.22 0.00	29.78 0.53 0.00	30.07 0.44 0.00	30.27 0.48 0.00	32.08 0.25 0.00	32.33 0.13 0.00	30.03 -0.18 0.00	29.74 -0.03 0.00	28.53 -0.23 0.00	29.56 -0.18 0.00	31.06 0.12 0.00	33.14 0.23 0.00	35.31 0.35 0.00	38.13 0.45 0.00	44.77 0.27 0.00	54.54 0.81 0.00	60.30 0.12 0.00	58.68 0.35 0.00	53.77 1.00 0.00	46.33 0.59 0.00	41.95 0.37 0.00	38.13 1.25 0.00
HQ_GEN_CEDARS 23644	39.67 0.70 0.00	35.74 0.63 0.00	31.97 0.57 0.00	29.57 0.32 0.00	30.04 0.41 0.00	30.24 0.45 0.00	32.34 0.51 0.00	32.55 0.35 0.00	30.60 0.39 0.00	30.19 0.42 0.00	29.20 0.43 0.00	30.18 0.45 0.00	31.31 0.37 0.00	33.27 0.36 0.00	35.28 0.31 0.00	37.98 0.30 0.00	44.72 0.22 0.00	54.11 0.38 0.00	60.84 0.66 0.00	59.03 0.70 0.00	53.19 0.42 0.00	46.10 0.37 0.00	41.86 0.29 0.00	37.10 0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	39.67 0.70 0.00	35.74 0.63 0.00	31.97 0.57 0.00	29.57 0.32 0.00	30.01 0.38 0.00	30.24 0.45 0.00	32.33 0.51 0.00	32.55 0.35 0.00	30.60 0.39 0.00	30.19 0.42 0.00	29.17 0.40 0.00	30.15 0.42 0.00	31.31 0.37 0.00	33.24 0.33 0.00	35.28 0.31 0.00	37.97 0.30 0.00	44.72 0.22 0.00	54.11 0.38 0.00	60.90 0.72 0.00	59.03 0.70 0.00	53.19 0.42 0.00	46.10 0.36 0.00	41.87 0.29 0.00	37.10 0.22 0.00

HQ_GEN_IMPORT 323601	38.97 0.00 0.00	35.10 0.00 0.00	31.41 0.00 0.00	29.16 -0.09 0.00	29.59 -0.03 0.00	29.76 -0.03 0.00	31.79 -0.03 0.00	32.13 -0.06 0.00	30.27 0.06 0.00	29.83 0.06 0.00	28.85 0.09 0.00	29.80 0.06 0.00	31.00 0.06 0.00	32.94 0.03 0.00	35.00 0.04 0.00	37.67 0.00 0.00	44.50 0.00 0.00	53.73 0.00 0.00	60.24 0.06 0.00	58.39 0.06 0.00	52.56 -0.21 0.00	45.56 -0.18 0.00	41.41 -0.17 0.00	36.69 -0.18 0.00
HQ_GEN_WHEEL 23651	38.97 0.00 0.00	35.10 0.00 0.00	31.41 0.00 0.00	29.16 -0.09 0.00	29.59 -0.03 0.00	29.76 -0.03 0.00	31.79 -0.03 0.00	32.13 -0.06 0.00	30.27 0.06 0.00	29.83 0.06 0.00	28.85 0.09 0.00	29.80 0.06 0.00	31.00 0.06 0.00	32.94 0.03 0.00	35.00 0.04 0.00	37.67 0.00 0.00	44.50 0.00 0.00	53.73 0.00 0.00	60.24 0.06 0.00	58.39 0.06 0.00	52.56 -0.21 0.00	45.56 -0.18 0.00	41.41 -0.17 0.00	36.69 -0.18 0.00
HUDSON AVE_GT_3 23810	41.23 2.26 0.00	37.00 1.90 0.00	33.04 1.63 0.00	30.71 1.46 0.00	31.04 1.42 0.00	31.25 1.46 0.00	33.61 1.78 0.00	34.16 1.96 0.00	32.17 1.96 0.00	31.86 2.08 0.00	30.86 2.10 0.00	31.97 2.23 0.00	33.32 2.38 0.00	35.31 2.40 0.00	37.48 2.52 0.00	40.42 2.75 0.00	47.70 3.20 0.00	56.95 3.22 0.00	63.43 3.25 0.00	61.42 3.09 0.00	55.72 2.95 0.00	48.48 2.74 0.00	44.28 2.70 0.00	39.09 2.21 0.00
HUDSON AVE_GT_4 23540	41.23 2.26 0.00	37.00 1.90 0.00	33.04 1.63 0.00	30.71 1.46 0.00	31.04 1.42 0.00	31.25 1.46 0.00	33.61 1.78 0.00	34.16 1.96 0.00	32.17 1.96 0.00	31.86 2.08 0.00	30.86 2.10 0.00	31.97 2.23 0.00	33.32 2.38 0.00	35.31 2.40 0.00	37.48 2.52 0.00	40.42 2.75 0.00	47.70 3.20 0.00	56.95 3.22 0.00	63.43 3.25 0.00	61.42 3.09 0.00	55.72 2.95 0.00	48.48 2.74 0.00	44.28 2.70 0.00	39.09 2.21 0.00
HUDSON AVE_GT_5 23657	41.23 2.26 0.00	37.00 1.90 0.00	33.04 1.63 0.00	30.71 1.46 0.00	31.04 1.42 0.00	31.25 1.46 0.00	33.61 1.78 0.00	34.16 1.96 0.00	32.17 1.96 0.00	31.86 2.08 0.00	30.86 2.10 0.00	31.97 2.23 0.00	33.32 2.38 0.00	35.31 2.40 0.00	37.48 2.52 0.00	40.42 2.75 0.00	47.70 3.20 0.00	56.95 3.22 0.00	63.43 3.25 0.00	61.42 3.09 0.00	55.72 2.95 0.00	48.48 2.74 0.00	44.28 2.70 0.00	39.09 2.21 0.00
HUDSON_AVE_10 24168	41.15 2.18 0.00	36.93 1.83 0.00	32.98 1.57 0.00	30.65 1.40 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.55 1.72 0.00	34.13 1.93 0.00	32.17 1.96 0.00	31.83 2.05 0.00	30.84 2.07 0.00	31.91 2.17 0.00	33.29 2.35 0.00	35.28 2.37 0.00	37.45 2.48 0.00	40.39 2.71 0.00	47.61 3.11 0.00	56.85 3.12 0.00	63.31 3.13 0.00	61.30 2.97 0.00	55.67 2.90 0.00	48.39 2.65 0.00	44.23 2.66 0.00	38.98 2.10 0.00
HUDSON___115KV_TB 4 355613	40.41 1.44 0.00	36.37 1.26 0.00	32.50 1.10 0.00	30.22 0.97 0.00	30.57 0.95 0.00	30.71 0.92 0.00	32.78 0.95 0.00	33.13 0.93 0.00	30.72 0.51 0.00	30.10 0.33 0.00	29.02 0.26 0.00	29.92 0.18 0.00	31.18 0.25 0.00	33.27 0.36 0.00	35.35 0.38 0.00	38.16 0.49 0.00	45.39 0.89 0.00	54.97 1.24 0.00	62.04 1.87 0.00	60.37 2.04 0.00	54.88 2.11 0.00	47.57 1.83 0.00	43.28 1.70 0.00	38.20 1.33 0.00
HUNTER MOUNT___DRP 323613	40.56 1.60 0.00	36.51 1.40 0.00	32.63 1.22 0.00	30.30 1.05 0.00	30.69 1.07 0.00	30.80 1.01 0.00	32.88 1.05 0.00	33.16 0.97 0.00	30.69 0.48 0.00	30.04 0.27 0.00	28.94 0.17 0.00	29.83 0.09 0.00	31.09 0.15 0.00	33.21 0.30 0.00	35.31 0.35 0.00	38.13 0.45 0.00	45.39 0.89 0.00	55.07 1.34 0.00	62.28 2.11 0.00	60.66 2.33 0.00	55.19 2.43 0.00	47.75 2.01 0.00	43.44 1.87 0.00	38.35 1.47 0.00
HUNTINGTON_RES_REC 323705	41.97 3.00 -0.01	37.67 2.56 0.00	33.19 1.79 0.00	30.71 1.46 0.00	30.87 1.24 0.00	31.07 1.28 0.00	33.74 1.91 0.00	34.39 2.19 0.00	32.57 2.36 0.00	32.46 2.68 -0.01	33.29 2.47 -2.05	34.09 2.56 -1.80	36.09 2.79 -2.37	39.25 2.83 -3.51	39.94 2.94 -2.03	41.36 3.17 -0.52	48.15 3.65 0.00	57.60 3.87 0.00	63.85 3.67 0.00	61.53 3.21 0.00	55.82 3.06 0.00	48.12 2.38 0.00	43.73 2.16 0.00	39.68 2.80 -0.01
HUNTLEY___63 23557	38.77 -0.19 0.00	35.10 0.00 0.00	30.84 -0.57 0.00	29.54 0.29 0.00	29.77 0.15 0.00	30.00 0.21 0.00	31.54 -0.29 0.00	32.07 -0.13 0.00	29.67 -0.54 0.00	29.74 -0.03 0.00	28.39 -0.37 0.00	29.41 -0.33 0.00	31.06 0.12 0.00	33.08 0.16 0.00	35.42 0.45 0.00	38.28 0.60 0.00	44.59 0.09 0.00	53.68 -0.05 0.00	58.73 -1.44 0.00	56.58 -1.75 0.00	51.87 -0.90 0.00	44.59 -1.14 0.00	40.41 -1.16 0.00	37.61 0.74 0.00
HUNTLEY___64 23558	38.77 -0.19 0.00	35.10 0.00 0.00	30.84 -0.57 0.00	29.54 0.29 0.00	29.77 0.15 0.00	30.00 0.21 0.00	31.54 -0.29 0.00	32.07 -0.13 0.00	29.67 -0.54 0.00	29.74 -0.03 0.00	28.39 -0.37 0.00	29.41 -0.33 0.00	31.06 0.12 0.00	33.08 0.16 0.00	35.42 0.45 0.00	38.28 0.60 0.00	44.59 0.09 0.00	53.68 -0.05 0.00	58.73 -1.44 0.00	56.58 -1.75 0.00	51.87 -0.90 0.00	44.59 -1.14 0.00	40.41 -1.16 0.00	37.61 0.74 0.00
HUNTLEY___65 23559	38.77 -0.19 0.00	35.10 0.00 0.00	30.84 -0.57 0.00	29.54 0.29 0.00	29.77 0.15 0.00	30.00 0.21 0.00	31.54 -0.29 0.00	32.07 -0.13 0.00	29.67 -0.54 0.00	29.74 -0.03 0.00	28.39 -0.37 0.00	29.41 -0.33 0.00	31.06 0.12 0.00	33.08 0.16 0.00	35.42 0.45 0.00	38.28 0.60 0.00	44.59 0.09 0.00	53.68 -0.05 0.00	58.73 -1.44 0.00	56.58 -1.75 0.00	51.87 -0.90 0.00	44.59 -1.14 0.00	40.41 -1.16 0.00	37.61 0.74 0.00
HUNTLEY___66 23560	38.77 -0.19 0.00	35.10 0.00 0.00	30.84 -0.57 0.00	29.54 0.29 0.00	29.77 0.15 0.00	30.00 0.21 0.00	31.54 -0.29 0.00	32.07 -0.13 0.00	29.67 -0.54 0.00	29.74 -0.03 0.00	28.39 -0.37 0.00	29.41 -0.33 0.00	31.06 0.12 0.00	33.08 0.16 0.00	35.42 0.45 0.00	38.28 0.60 0.00	44.59 0.09 0.00	53.68 -0.05 0.00	58.73 -1.44 0.00	56.58 -1.75 0.00	51.87 -0.90 0.00	44.59 -1.14 0.00	40.41 -1.16 0.00	37.61 0.74 0.00
HUNTLEY___67 23561	38.46 -0.51 0.00	34.82 -0.28 0.00	30.59 -0.82 0.00	29.34 0.09 0.00	29.56 -0.06 0.00	29.76 -0.03 0.00	31.38 -0.45 0.00	31.84 -0.35 0.00	29.54 -0.66 0.00	29.53 -0.24 0.00	28.28 -0.49 0.00	29.29 -0.45 0.00	30.90 -0.03 0.00	32.91 0.00 0.00	35.21 0.24 0.00	38.05 0.38 0.00	44.36 -0.13 0.00	53.41 -0.32 0.00	58.43 -1.75 0.00	56.29 -2.04 0.00	51.60 -1.16 0.00	44.41 -1.33 0.00	40.24 -1.33 0.00	37.39 0.52 0.00
HUNTLEY___68 23562	38.46 -0.51 0.00	34.82 -0.28 0.00	30.59 -0.82 0.00	29.34 0.09 0.00	29.56 -0.06 0.00	29.76 -0.03 0.00	31.38 -0.45 0.00	31.84 -0.35 0.00	29.54 -0.66 0.00	29.53 -0.24 0.00	28.28 -0.49 0.00	29.29 -0.45 0.00	30.90 -0.03 0.00	32.91 0.00 0.00	35.21 0.24 0.00	38.05 0.38 0.00	44.36 -0.13 0.00	53.41 -0.32 0.00	58.43 -1.75 0.00	56.29 -2.04 0.00	51.60 -1.16 0.00	44.41 -1.33 0.00	40.24 -1.33 0.00	37.39 0.52 0.00



HYLAND___LFGE 323620	40.72 1.76 0.00	36.58 1.47 0.00	32.69 1.29 0.00	30.74 1.49 0.00	31.01 1.39 0.00	31.16 1.37 0.00	33.04 1.21 0.00	32.94 0.74 0.00	30.33 0.12 0.00	29.65 -0.12 0.00	28.27 -0.49 0.00	29.23 -0.51 0.00	30.66 -0.28 0.00	32.65 -0.26 0.00	34.79 -0.17 0.00	37.64 -0.04 0.00	44.54 0.04 0.00	55.02 1.29 0.00	61.86 1.68 0.00	60.95 2.63 0.00	56.19 3.43 0.00	48.39 2.65 0.00	43.65 2.08 0.00	39.38 2.51 0.00
INDECK___CORINTH 23802	39.94 0.97 0.00	36.05 0.95 0.00	32.19 0.79 0.00	29.89 0.64 0.00	30.33 0.71 0.00	30.56 0.77 0.00	32.62 0.80 0.00	33.00 0.81 0.00	30.54 0.33 0.00	29.89 0.12 0.00	28.50 -0.26 0.00	29.41 -0.33 0.00	30.60 -0.34 0.00	32.72 -0.20 0.00	34.86 -0.10 0.00	37.67 0.00 0.00	44.77 0.27 0.00	54.11 0.38 0.00	61.98 1.80 0.00	60.37 2.04 0.00	55.08 2.32 0.00	47.61 1.88 0.00	43.36 1.79 0.00	38.31 1.44 0.00
INDECK___ILION 23567	38.77 -0.19 0.00	34.93 -0.18 0.00	31.25 -0.16 0.00	29.10 -0.15 0.00	29.47 -0.15 0.00	29.64 -0.15 0.00	31.67 -0.16 0.00	32.04 -0.16 0.00	30.03 -0.18 0.00	29.53 -0.24 0.00	28.53 -0.23 0.00	29.50 -0.24 0.00	30.66 -0.28 0.00	32.62 -0.30 0.00	34.69 -0.28 0.00	37.37 -0.30 0.00	44.14 -0.36 0.00	53.35 -0.38 0.00	59.82 -0.36 0.00	57.92 -0.41 0.00	52.55 -0.21 0.00	45.60 -0.14 0.00	41.45 -0.12 0.00	36.73 -0.15 0.00
INDECK___OLEAN 23982	37.72 -1.25 0.00	34.12 -0.98 0.00	30.34 -1.07 0.00	28.69 -0.56 0.00	28.91 -0.71 0.00	29.13 -0.66 0.00	30.81 -1.02 0.00	31.36 -0.84 0.00	29.33 -0.88 0.00	29.24 -0.54 0.00	28.10 -0.66 0.00	29.23 -0.51 0.00	30.81 -0.12 0.00	32.91 0.00 0.00	35.00 0.04 0.00	37.71 0.04 0.00	44.10 -0.40 0.00	53.52 -0.21 0.00	58.37 -1.80 0.00	56.52 -1.81 0.00	51.55 -1.21 0.00	44.37 -1.37 0.00	40.12 -1.46 0.00	36.69 -0.18 0.00
INDECK___OSWEGO 23783	38.03 -0.94 0.00	34.30 -0.81 0.00	30.78 -0.63 0.00	28.72 -0.53 0.00	29.06 -0.56 0.00	29.19 -0.60 0.00	31.16 -0.67 0.00	31.46 -0.74 0.00	29.46 -0.75 0.00	29.06 -0.71 0.00	28.07 -0.69 0.00	29.02 -0.71 0.00	30.10 -0.83 0.00	32.09 -0.82 0.00	34.09 -0.87 0.00	36.73 -0.94 0.00	43.39 -1.11 0.00	52.55 -1.18 0.00	58.80 -1.38 0.00	56.99 -1.34 0.00	51.76 -1.00 0.00	44.78 -0.96 0.00	40.66 -0.91 0.00	36.17 -0.70 0.00
INDECK___YERKES 23781	38.85 -0.12 0.00	35.14 0.04 0.00	31.06 -0.34 0.00	29.40 0.15 0.00	29.77 0.15 0.00	29.94 0.15 0.00	31.61 -0.22 0.00	31.88 -0.32 0.00	29.70 -0.51 0.00	29.77 0.00 0.00	28.42 -0.34 0.00	29.50 -0.24 0.00	31.12 0.19 0.00	33.27 0.36 0.00	35.56 0.59 0.00	38.31 0.64 0.00	44.68 0.18 0.00	54.11 0.38 0.00	58.85 -1.32 0.00	56.81 -1.52 0.00	51.87 -0.90 0.00	44.64 -1.10 0.00	40.49 -1.08 0.00	37.68 0.81 0.00
INDIAN POINT_GT_1 24139	40.68 1.71 0.00	36.58 1.47 0.00	32.66 1.26 0.00	30.39 1.14 0.00	30.72 1.10 0.00	30.92 1.13 0.00	33.20 1.37 0.00	33.71 1.51 0.00	31.69 1.48 0.00	31.29 1.52 0.00	30.32 1.55 0.00	31.37 1.64 0.00	32.70 1.76 0.00	34.69 1.78 0.00	36.82 1.85 0.00	39.71 2.03 0.00	46.86 2.36 0.00	56.15 2.42 0.00	62.64 2.47 0.00	60.72 2.39 0.00	55.09 2.32 0.00	47.89 2.15 0.00	43.65 2.08 0.00	38.57 1.70 0.00
INDIAN POINT_GT_2 23659	40.68 1.71 0.00	36.58 1.47 0.00	32.66 1.26 0.00	30.39 1.14 0.00	30.72 1.10 0.00	30.92 1.13 0.00	33.20 1.37 0.00	33.71 1.51 0.00	31.69 1.48 0.00	31.29 1.52 0.00	30.32 1.55 0.00	31.37 1.64 0.00	32.70 1.76 0.00	34.69 1.78 0.00	36.82 1.85 0.00	39.71 2.03 0.00	46.86 2.36 0.00	56.15 2.42 0.00	62.64 2.47 0.00	60.72 2.39 0.00	55.09 2.32 0.00	47.89 2.15 0.00	43.65 2.08 0.00	38.57 1.70 0.00
INDIAN POINT_GT_3 24019	40.68 1.71 0.00	36.58 1.47 0.00	32.66 1.26 0.00	30.39 1.14 0.00	30.72 1.10 0.00	30.92 1.13 0.00	33.20 1.37 0.00	33.71 1.51 0.00	31.69 1.48 0.00	31.29 1.52 0.00	30.32 1.55 0.00	31.37 1.64 0.00	32.70 1.76 0.00	34.69 1.78 0.00	36.82 1.85 0.00	39.71 2.03 0.00	46.86 2.36 0.00	56.15 2.42 0.00	62.64 2.47 0.00	60.72 2.39 0.00	55.09 2.32 0.00	47.89 2.15 0.00	43.65 2.08 0.00	38.57 1.70 0.00
INDIAN POINT___2 23530	40.60 1.64 0.00	36.54 1.44 0.00	32.53 1.13 0.00	30.27 1.02 0.00	30.60 0.98 0.00	30.80 1.01 0.00	33.07 1.24 0.00	33.61 1.42 0.00	31.63 1.42 0.00	31.23 1.46 0.00	30.26 1.49 0.00	31.31 1.58 0.00	32.73 1.79 0.00	34.72 1.81 0.00	36.82 1.85 0.00	39.71 2.03 0.00	46.81 2.31 0.00	56.09 2.36 0.00	62.59 2.41 0.00	60.60 2.27 0.00	55.03 2.27 0.00	47.84 2.11 0.00	43.57 2.00 0.00	38.54 1.66 0.00
INDIAN POINT___3 23531	40.60 1.64 0.00	36.54 1.44 0.00	32.63 1.22 0.00	30.36 1.11 0.00	30.69 1.07 0.00	30.89 1.10 0.00	33.16 1.34 0.00	33.68 1.48 0.00	31.69 1.48 0.00	31.26 1.49 0.00	30.29 1.52 0.00	31.34 1.61 0.00	32.67 1.73 0.00	34.66 1.74 0.00	36.78 1.82 0.00	39.67 2.00 0.00	46.81 2.31 0.00	56.10 2.36 0.00	62.58 2.41 0.00	60.60 2.27 0.00	55.03 2.27 0.00	47.80 2.06 0.00	43.61 2.04 0.00	38.53 1.66 0.00
INGHAM_C_115KV_TB7 356103	38.15 -0.82 0.00	34.37 -0.74 0.00	30.78 -0.63 0.00	28.64 -0.61 0.00	29.00 -0.62 0.00	29.16 -0.63 0.00	31.19 -0.64 0.00	31.52 -0.68 0.00	29.54 -0.66 0.00	29.03 -0.74 0.00	28.07 -0.69 0.00	29.02 -0.71 0.00	30.16 -0.77 0.00	32.06 -0.86 0.00	34.09 -0.87 0.00	36.73 -0.94 0.00	43.34 -1.16 0.00	52.39 -1.34 0.00	58.73 -1.44 0.00	56.93 -1.40 0.00	51.66 -1.11 0.00	44.87 -0.87 0.00	40.83 -0.75 0.00	36.17 -0.70 0.00
IP CORINTH___1 23988	40.17 1.21 0.00	36.23 1.12 0.00	32.44 1.04 0.00	30.07 0.82 0.00	30.54 0.92 0.00	30.74 0.95 0.00	32.85 1.02 0.00	33.20 1.00 0.00	31.51 1.30 0.00	30.84 1.07 0.00	29.43 0.66 0.00	30.36 0.62 0.00	31.55 0.62 0.00	33.73 0.82 0.00	35.94 0.98 0.00	37.90 0.23 0.00	44.99 0.49 0.00	54.48 0.75 0.00	62.34 2.17 0.00	60.66 2.33 0.00	55.40 2.64 0.00	47.84 2.10 0.00	43.61 2.04 0.00	38.50 1.62 0.00
IP___TICONDEROGA 23804	41.30 2.34 0.00	37.25 2.14 0.00	33.35 1.95 0.00	30.83 1.58 0.00	31.40 1.78 0.00	31.64 1.85 0.00	33.77 1.94 0.00	34.00 1.80 0.00	31.99 1.78 0.00	31.23 1.46 0.00	29.74 0.98 0.00	30.66 0.92 0.00	31.86 0.93 0.00	34.23 1.32 0.00	36.50 1.54 0.00	38.73 1.05 0.00	46.19 1.69 0.00	56.10 2.36 0.00	64.63 4.45 0.00	63.11 4.78 0.00	57.73 4.96 0.00	49.67 3.93 0.00	45.36 3.78 0.00	39.94 3.06 0.00
ISLIP_RES_REC 323679	42.63 3.66 -0.01	38.19 3.09 0.00	33.57 2.17 0.00	31.06 1.81 0.00	31.16 1.54 0.00	31.40 1.61 0.00	34.18 2.36 0.00	34.87 2.67 0.00	33.02 2.81 0.00	33.00 3.22 -0.01	33.80 2.99 -2.05	34.53 3.00 -1.80	36.49 3.19 -2.37	39.71 3.29 -3.51	40.43 3.43 -2.03	42.00 3.80 -0.52	48.90 4.41 0.00	58.62 4.89 0.00	64.93 4.75 0.00	62.58 4.26 0.00	56.83 4.06 0.00	48.85 3.11 0.00	44.40 2.83 0.00	40.13 3.25 -0.01

JAMAICA__27_KV_LOAD 355505	41.38 2.42 0.00	37.14 2.04 0.00	33.13 1.73 0.00	30.80 1.55 0.00	31.13 1.51 0.00	31.34 1.55 0.00	33.80 1.97 0.00	34.45 2.25 0.00	32.51 2.30 0.00	32.18 2.41 0.00	31.07 2.30 0.00	32.15 2.41 0.00	33.53 2.60 0.00	35.54 2.63 0.00	37.73 2.76 0.00	40.69 3.01 0.00	47.92 3.43 0.00	57.28 3.55 0.00	63.79 3.61 0.00	61.71 3.38 0.00	56.04 3.27 0.00	48.62 2.88 0.00	44.61 3.03 0.00	39.16 2.29 0.00
JANIS__SOLAR 323808	40.25 1.28 0.00	36.30 1.19 0.00	32.47 1.07 0.00	30.33 1.08 0.00	30.63 1.01 0.00	30.83 1.04 0.00	32.91 1.08 0.00	33.03 0.84 0.00	30.72 0.51 0.00	29.98 0.21 0.00	28.79 0.03 0.00	29.77 0.03 0.00	30.93 0.00 0.00	33.01 0.10 0.00	35.21 0.25 0.00	38.09 0.42 0.00	45.21 0.71 0.00	55.29 1.56 0.00	62.28 2.11 0.00	60.54 2.22 0.00	55.35 2.58 0.00	47.80 2.06 0.00	43.24 1.66 0.00	38.54 1.66 0.00
JARVIS____ 23743	39.08 0.12 0.00	35.21 0.11 0.00	31.47 0.06 0.00	29.34 0.09 0.00	29.68 0.06 0.00	29.85 0.06 0.00	31.92 0.10 0.00	32.29 0.10 0.00	30.24 0.03 0.00	29.77 0.00 0.00	28.76 0.00 0.00	29.74 0.00 0.00	30.93 0.00 0.00	32.91 0.00 0.00	35.00 0.04 0.00	37.71 0.04 0.00	44.54 0.04 0.00	53.78 0.05 0.00	60.30 0.12 0.00	58.44 0.12 0.00	52.98 0.21 0.00	45.92 0.18 0.00	41.74 0.17 0.00	36.99 0.11 0.00
JENNISON____1 23625	40.45 1.48 0.00	36.51 1.40 0.00	32.54 1.13 0.00	30.48 1.23 0.00	30.78 1.16 0.00	30.98 1.19 0.00	33.10 1.27 0.00	33.36 1.16 0.00	31.09 0.88 0.00	30.37 0.60 0.00	29.28 0.52 0.00	30.30 0.57 0.00	31.52 0.59 0.00	33.60 0.69 0.00	35.84 0.87 0.00	38.77 1.09 0.00	45.88 1.38 0.00	55.83 2.10 0.00	62.76 2.59 0.00	60.83 2.51 0.00	55.61 2.85 0.00	48.07 2.33 0.00	43.44 1.87 0.00	38.72 1.84 0.00
JENNISON____2 23626	40.45 1.48 0.00	36.51 1.40 0.00	32.54 1.13 0.00	30.48 1.23 0.00	30.78 1.16 0.00	30.98 1.19 0.00	33.10 1.27 0.00	33.36 1.16 0.00	31.09 0.88 0.00	30.37 0.60 0.00	29.28 0.52 0.00	30.30 0.57 0.00	31.52 0.59 0.00	33.60 0.69 0.00	35.84 0.87 0.00	38.77 1.09 0.00	45.88 1.38 0.00	55.83 2.10 0.00	62.76 2.59 0.00	60.83 2.51 0.00	55.61 2.85 0.00	48.07 2.33 0.00	43.44 1.87 0.00	38.72 1.84 0.00
JERICOHO_RISE_WT_PWR 323719	39.55 0.59 0.00	35.60 0.49 0.00	31.81 0.41 0.00	29.51 0.26 0.00	29.95 0.33 0.00	30.09 0.30 0.00	32.18 0.35 0.00	32.39 0.19 0.00	30.51 0.30 0.00	30.10 0.33 0.00	29.08 0.32 0.00	30.03 0.30 0.00	31.18 0.25 0.00	33.11 0.20 0.00	35.11 0.14 0.00	37.75 0.08 0.00	44.45 -0.04 0.00	53.78 0.05 0.00	60.48 0.30 0.00	58.62 0.29 0.00	52.66 -0.11 0.00	45.51 -0.23 0.00	41.24 -0.33 0.00	36.43 -0.44 0.00
KATONAH__115KV_46KV_TB4 355592	40.76 1.79 0.00	36.68 1.58 0.00	32.72 1.32 0.00	30.45 1.20 0.00	30.81 1.18 0.00	31.01 1.22 0.00	33.23 1.40 0.00	33.78 1.58 0.00	31.69 1.48 0.00	31.23 1.46 0.00	30.26 1.50 0.00	31.28 1.55 0.00	32.64 1.70 0.00	34.62 1.71 0.00	36.85 1.89 0.00	39.75 2.07 0.00	46.94 2.45 0.00	56.31 2.58 0.00	62.94 2.77 0.00	60.95 2.62 0.00	55.30 2.53 0.00	48.03 2.29 0.00	43.82 2.24 0.00	38.68 1.81 0.00
KCE_NY_1 323755	40.56 1.60 0.00	36.54 1.44 0.00	32.60 1.19 0.00	30.33 1.08 0.00	30.75 1.13 0.00	30.95 1.16 0.00	33.04 1.21 0.00	33.45 1.25 0.00	30.99 0.78 0.00	30.37 0.60 0.00	29.20 0.43 0.00	30.12 0.39 0.00	31.40 0.46 0.00	33.50 0.59 0.00	35.70 0.74 0.00	38.54 0.87 0.00	45.79 1.29 0.00	55.29 1.56 0.00	62.64 2.47 0.00	60.95 2.63 0.00	55.45 2.69 0.00	48.02 2.29 0.00	43.78 2.20 0.00	38.68 1.81 0.00
KCE_NY_6_ESR 323823	38.73 -0.23 0.00	35.00 -0.10 0.00	31.12 -0.28 0.00	29.43 0.18 0.00	29.65 0.03 0.00	29.82 0.03 0.00	31.51 -0.32 0.00	31.94 -0.26 0.00	29.79 -0.42 0.00	29.74 -0.03 0.00	28.50 -0.26 0.00	29.62 -0.12 0.00	31.24 0.31 0.00	33.41 0.49 0.00	35.70 0.74 0.00	38.43 0.75 0.00	44.85 0.35 0.00	54.38 0.65 0.00	59.15 -1.02 0.00	57.16 -1.17 0.00	52.24 -0.53 0.00	44.96 -0.78 0.00	40.74 -0.83 0.00	37.72 0.85 0.00
KEDC PORT_JEFF_GT2 24210	42.36 3.39 -0.01	37.98 2.88 0.00	33.42 2.01 0.00	30.92 1.67 0.00	31.04 1.42 0.00	31.25 1.46 0.00	34.02 2.19 0.00	34.71 2.51 0.00	32.87 2.66 0.00	32.82 3.04 -0.01	33.60 2.79 -2.05	34.33 2.79 -1.80	36.28 2.97 -2.37	39.44 3.03 -3.51	40.18 3.18 -2.03	41.70 3.50 -0.52	48.50 4.01 0.00	58.14 4.41 0.00	64.03 3.85 0.00	61.77 3.44 0.00	56.36 3.59 0.00	48.48 2.74 0.00	44.11 2.54 0.00	39.91 3.02 -0.01
KEDC PORT_JEFF_GT3 24211	42.36 3.39 -0.01	37.98 2.88 0.00	33.42 2.01 0.00	30.92 1.67 0.00	31.04 1.42 0.00	31.25 1.46 0.00	34.02 2.19 0.00	34.71 2.51 0.00	32.87 2.66 0.00	32.82 3.04 -0.01	33.60 2.79 -2.05	34.33 2.79 -1.80	36.28 2.97 -2.37	39.44 3.03 -3.51	40.18 3.18 -2.03	41.70 3.50 -0.52	48.50 4.01 0.00	58.14 4.41 0.00	64.03 3.85 0.00	61.77 3.44 0.00	56.36 3.59 0.00	48.48 2.74 0.00	44.11 2.54 0.00	39.91 3.02 -0.01
KEDC_GLWD_GT4 24219	41.50 2.53 -0.01	37.25 2.14 0.00	33.04 1.63 0.00	30.68 1.43 0.00	30.92 1.30 0.00	31.13 1.34 0.00	33.54 1.72 0.00	34.16 1.96 0.00	32.23 2.02 0.00	31.95 2.17 -0.01	32.94 2.13 -2.05	33.79 2.26 -1.80	35.81 2.50 -2.37	38.99 2.57 -3.51	39.69 2.69 -2.03	41.13 2.94 -0.52	47.97 3.47 0.00	56.95 3.22 0.00	63.42 3.25 0.00	61.30 2.97 0.00	55.56 2.79 0.00	48.48 2.74 0.00	44.11 2.54 0.00	39.39 2.51 -0.01
KEDC_GLWD_GT5 24220	41.50 2.53 -0.01	37.25 2.14 0.00	33.04 1.63 0.00	30.68 1.43 0.00	30.92 1.30 0.00	31.13 1.34 0.00	33.54 1.72 0.00	34.16 1.96 0.00	32.23 2.02 0.00	31.95 2.17 -0.01	32.94 2.13 -2.05	33.79 2.26 -1.80	35.81 2.50 -2.37	38.99 2.57 -3.51	39.69 2.69 -2.03	41.13 2.94 -0.52	47.97 3.47 0.00	56.95 3.22 0.00	63.42 3.25 0.00	61.30 2.97 0.00	55.56 2.79 0.00	48.48 2.74 0.00	44.11 2.54 0.00	39.39 2.51 -0.01
KENSICO____ 23655	40.84 1.87 0.00	36.72 1.61 0.00	32.79 1.38 0.00	30.51 1.26 0.00	30.84 1.21 0.00	31.01 1.22 0.00	33.29 1.46 0.00	33.87 1.67 0.00	31.84 1.63 0.00	31.47 1.70 0.00	30.49 1.73 0.00	31.52 1.78 0.00	32.88 1.95 0.00	34.89 1.97 0.00	36.99 2.03 0.00	39.90 2.22 0.00	47.08 2.58 0.00	56.36 2.63 0.00	62.88 2.71 0.00	60.95 2.62 0.00	55.30 2.53 0.00	48.07 2.33 0.00	43.82 2.24 0.00	38.76 1.88 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.76 1.79 0.00	36.68 1.58 0.00	32.69 1.29 0.00	30.42 1.17 0.00	30.81 1.18 0.00	30.95 1.16 0.00	33.26 1.43 0.00	33.68 1.48 0.00	31.57 1.36 0.00	31.08 1.31 0.00	30.09 1.32 0.00	31.11 1.37 0.00	32.45 1.52 0.00	34.52 1.61 0.00	36.68 1.71 0.00	39.63 1.96 0.00	46.94 2.45 0.00	56.53 2.79 0.00	63.25 3.07 0.00	61.36 3.03 0.00	55.72 2.95 0.00	48.30 2.56 0.00	43.86 2.29 0.00	38.76 1.88 0.00

KIAC_JFK_GT1 23816	41.15 2.18 0.00	36.93 1.83 0.00	32.98 1.57 0.00	30.65 1.40 0.00	30.95 1.33 0.00	31.19 1.40 0.00	33.61 1.78 0.00	34.26 2.06 0.00	32.35 2.14 0.00	32.01 2.23 0.00	30.89 2.13 0.00	32.00 2.26 0.00	33.35 2.41 0.00	35.35 2.44 0.00	37.52 2.55 0.00	40.46 2.79 0.00	47.48 2.98 0.00	56.74 3.01 0.00	63.19 3.01 0.00	61.18 2.86 0.00	55.51 2.74 0.00	48.21 2.47 0.00	44.36 2.79 0.00	38.94 2.06 0.00
KIAC_JFK_GT2 23817	41.15 2.18 0.00	36.93 1.83 0.00	32.98 1.57 0.00	30.65 1.40 0.00	30.95 1.33 0.00	31.19 1.40 0.00	33.61 1.78 0.00	34.26 2.06 0.00	32.35 2.14 0.00	32.01 2.23 0.00	30.89 2.13 0.00	32.00 2.26 0.00	33.35 2.41 0.00	35.35 2.44 0.00	37.52 2.55 0.00	40.46 2.79 0.00	47.48 2.98 0.00	56.74 3.01 0.00	63.19 3.01 0.00	61.18 2.86 0.00	55.51 2.74 0.00	48.21 2.47 0.00	44.36 2.79 0.00	38.94 2.06 0.00
KIAC_JFK____ 323774	41.15 2.18 0.00	36.93 1.82 0.00	32.88 1.48 0.00	30.54 1.29 0.00	30.87 1.24 0.00	31.10 1.31 0.00	33.51 1.69 0.00	34.16 1.96 0.00	32.29 2.08 0.00	31.94 2.17 0.00	30.81 2.04 0.00	31.91 2.17 0.00	33.38 2.44 0.00	35.38 2.47 0.00	37.52 2.55 0.00	40.46 2.79 0.00	47.48 2.98 0.00	56.74 3.01 0.00	63.18 3.01 0.00	61.13 2.80 0.00	55.51 2.74 0.00	48.21 2.47 0.00	44.11 2.54 0.00	38.94 2.06 0.00
KINTIGH__24_KV_GSU 356498	38.54 -0.43 0.00	34.79 -0.32 0.00	30.94 -0.47 0.00	29.25 0.00 0.00	29.53 -0.09 0.00	29.67 -0.12 0.00	31.32 -0.51 0.00	31.68 -0.52 0.00	29.48 -0.73 0.00	29.50 -0.27 0.00	28.25 -0.52 0.00	29.32 -0.42 0.00	30.81 -0.12 0.00	32.91 0.00 0.00	35.14 0.18 0.00	37.83 0.15 0.00	44.23 -0.27 0.00	53.68 -0.05 0.00	58.49 -1.68 0.00	56.46 -1.87 0.00	51.55 -1.21 0.00	44.46 -1.28 0.00	40.33 -1.25 0.00	37.28 0.41 0.00
KINTIGH____ 23543	38.46 -0.51 0.00	34.79 -0.32 0.00	30.65 -0.75 0.00	29.31 0.06 0.00	29.53 -0.09 0.00	29.73 -0.06 0.00	31.35 -0.48 0.00	31.78 -0.42 0.00	29.48 -0.73 0.00	29.47 -0.30 0.00	28.22 -0.55 0.00	29.26 -0.48 0.00	30.78 -0.15 0.00	32.75 -0.16 0.00	35.07 0.10 0.00	37.83 0.15 0.00	44.23 -0.27 0.00	53.30 -0.43 0.00	58.43 -1.75 0.00	56.34 -1.98 0.00	51.55 -1.21 0.00	44.46 -1.28 0.00	40.28 -1.29 0.00	37.24 0.37 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.21 1.25 0.00	36.23 1.12 0.00	32.38 0.97 0.00	30.01 0.76 0.00	30.48 0.86 0.00	30.59 0.80 0.00	32.72 0.89 0.00	32.91 0.71 0.00	30.96 0.76 0.00	30.58 0.80 0.00	29.54 0.78 0.00	30.54 0.80 0.00	31.68 0.74 0.00	33.60 0.69 0.00	35.63 0.66 0.00	38.35 0.68 0.00	45.16 0.67 0.00	54.70 0.97 0.00	61.56 1.38 0.00	59.67 1.34 0.00	53.72 0.95 0.00	46.38 0.64 0.00	41.99 0.42 0.00	37.10 0.22 0.00
LACHUTE____HYDRO 323717	41.30 2.34 0.00	37.21 2.11 0.00	33.29 1.88 0.00	30.77 1.52 0.00	31.34 1.72 0.00	31.61 1.82 0.00	33.70 1.88 0.00	33.97 1.77 0.00	31.27 1.06 0.00	30.52 0.74 0.00	29.05 0.29 0.00	29.95 0.21 0.00	31.15 0.22 0.00	33.47 0.56 0.00	35.70 0.74 0.00	38.69 1.02 0.00	46.19 1.69 0.00	56.04 2.31 0.00	64.63 4.45 0.00	63.11 4.78 0.00	57.72 4.96 0.00	49.67 3.93 0.00	45.32 3.74 0.00	39.93 3.06 0.00
LAWRNCALV_115KV_TB1 80681	39.86 0.90 0.00	35.91 0.81 0.00	32.13 0.72 0.00	29.69 0.44 0.00	30.15 0.53 0.00	30.39 0.60 0.00	32.49 0.67 0.00	32.65 0.45 0.00	30.69 0.48 0.00	30.22 0.45 0.00	29.20 0.43 0.00	30.21 0.48 0.00	31.34 0.40 0.00	33.27 0.36 0.00	35.31 0.35 0.00	38.01 0.34 0.00	44.81 0.31 0.00	54.27 0.54 0.00	61.20 1.02 0.00	59.38 1.05 0.00	53.56 0.79 0.00	46.38 0.64 0.00	42.07 0.50 0.00	37.24 0.37 0.00
LEDERLE____ 23769	40.76 1.79 0.00	36.68 1.58 0.00	32.76 1.35 0.00	30.48 1.23 0.00	30.84 1.21 0.00	31.01 1.22 0.00	33.29 1.46 0.00	33.81 1.61 0.00	31.81 1.60 0.00	31.41 1.64 0.00	30.43 1.67 0.00	31.46 1.72 0.00	32.82 1.89 0.00	34.85 1.94 0.00	36.96 1.99 0.00	39.86 2.19 0.00	47.03 2.54 0.00	56.42 2.69 0.00	62.94 2.77 0.00	61.01 2.68 0.00	55.35 2.59 0.00	48.07 2.33 0.00	43.78 2.20 0.00	38.72 1.84 0.00
LIGHTHSE_115KV_TB6 355974	38.89 -0.08 0.00	35.03 -0.07 0.00	31.34 -0.06 0.00	29.25 0.00 0.00	29.53 -0.09 0.00	29.64 -0.15 0.00	31.60 -0.22 0.00	31.84 -0.35 0.00	29.73 -0.48 0.00	29.24 -0.54 0.00	28.28 -0.49 0.00	29.26 -0.48 0.00	30.41 -0.53 0.00	32.42 -0.49 0.00	34.41 -0.56 0.00	37.15 -0.53 0.00	43.83 -0.67 0.00	53.25 -0.48 0.00	59.88 -0.30 0.00	58.04 -0.29 0.00	52.82 0.05 0.00	45.74 0.00 0.00	41.45 -0.12 0.00	36.87 0.00 0.00
LINDEN COGEN____ 23786	40.91 1.95 0.00	36.72 1.62 0.00	32.69 1.29 0.00	30.39 1.14 0.00	30.72 1.10 0.00	30.92 1.13 0.00	33.26 1.43 0.00	33.87 1.67 0.00	31.93 1.72 0.00	31.59 1.82 0.00	30.63 1.87 0.00	31.73 1.99 0.00	33.16 2.23 0.00	35.15 2.24 0.00	37.31 2.34 0.00	40.20 2.52 0.00	47.39 2.89 0.00	56.52 2.79 0.00	62.95 2.77 0.00	60.95 2.63 0.00	55.35 2.58 0.00	48.16 2.42 0.00	43.94 2.37 0.00	38.79 1.92 0.00
LINDHRST_69_KV_BK1 356055	42.43 3.47 0.00	37.98 2.88 0.00	33.57 2.17 0.00	31.15 1.90 0.00	31.40 1.78 0.00	31.49 1.70 0.00	34.12 2.29 0.00	34.81 2.61 0.00	32.87 2.66 0.00	32.75 2.98 0.00	33.54 2.73 -2.05	34.36 2.83 -1.80	36.31 3.00 -2.37	39.48 3.06 -3.51	40.22 3.22 -2.03	41.73 3.54 -0.52	48.59 4.09 0.00	58.19 4.46 0.00	64.57 4.39 0.00	62.41 4.08 0.00	56.46 3.69 0.00	48.71 2.97 0.00	44.40 2.83 0.00	40.19 3.32 0.00
LIPA_MISC_IPP 23656	42.36 3.39 0.00	37.91 2.81 0.00	33.35 1.95 0.00	30.95 1.70 0.00	31.16 1.54 0.00	31.25 1.46 0.00	34.09 2.26 0.00	34.84 2.64 0.00	32.90 2.69 0.00	32.87 3.10 0.00	33.72 2.91 -2.05	34.33 2.80 -1.80	36.21 2.91 -2.37	39.28 2.86 -3.51	39.94 2.94 -2.03	41.47 3.28 -0.52	48.23 3.74 0.00	57.87 4.14 0.00	64.09 3.91 0.00	61.94 3.62 0.00	56.14 3.38 0.00	48.21 2.47 0.00	43.90 2.33 0.00	39.79 2.91 0.00
LISF____SOLAR 323691	42.40 3.43 -0.01	37.98 2.88 0.00	33.32 1.92 0.00	30.83 1.58 0.00	30.92 1.30 0.00	31.16 1.37 0.00	34.05 2.23 0.00	34.74 2.54 0.00	32.90 2.69 0.00	32.85 3.07 -0.01	33.60 2.79 -2.05	34.24 2.71 -1.80	36.18 2.88 -2.37	39.32 2.90 -3.51	39.97 2.97 -2.03	41.51 3.32 -0.52	48.32 3.83 0.00	57.97 4.24 0.00	64.27 4.09 0.00	62.00 3.68 0.00	56.25 3.48 0.00	48.34 2.61 0.00	43.98 2.41 0.00	39.76 2.88 -0.01
LITTLE FALLS____HYD 24013	38.15 -0.82 0.00	34.37 -0.74 0.00	30.78 -0.63 0.00	28.64 -0.61 0.00	29.00 -0.62 0.00	29.16 -0.63 0.00	31.19 -0.64 0.00	31.52 -0.68 0.00	29.54 -0.66 0.00	29.03 -0.74 0.00	28.07 -0.69 0.00	29.02 -0.71 0.00	30.16 -0.77 0.00	32.06 -0.86 0.00	34.09 -0.87 0.00	36.73 -0.94 0.00	43.34 -1.16 0.00	52.39 -1.34 0.00	58.73 -1.44 0.00	56.93 -1.40 0.00	51.66 -1.11 0.00	44.87 -0.87 0.00	40.83 -0.75 0.00	36.17 -0.70 0.00

LITTLRIV_115KV_TB1 356100	40.29 1.32 0.00	36.30 1.19 0.00	32.47 1.07 0.00	29.98 0.73 0.00	30.48 0.86 0.00	30.65 0.86 0.00	32.81 0.99 0.00	32.87 0.68 0.00	30.84 0.63 0.00	30.31 0.54 0.00	29.28 0.52 0.00	30.27 0.54 0.00	31.40 0.46 0.00	33.34 0.43 0.00	35.42 0.45 0.00	38.13 0.45 0.00	44.99 0.49 0.00	54.54 0.81 0.00	61.68 1.50 0.00	60.02 1.69 0.00	54.24 1.48 0.00	46.97 1.23 0.00	42.57 1.00 0.00	37.65 0.77 0.00
LI_NEWBRDGE___DRP 323616	41.58 2.61 0.00	37.28 2.18 0.00	33.04 1.63 0.00	30.65 1.40 0.00	30.92 1.30 0.00	31.04 1.25 0.00	33.55 1.72 0.00	34.23 2.03 0.00	32.29 2.08 0.00	32.07 2.29 0.00	32.91 2.10 -2.05	33.73 2.20 -1.80	35.66 2.35 -2.37	38.76 2.34 -3.51	39.45 2.45 -2.03	40.83 2.64 -0.52	47.66 3.16 0.00	57.01 3.28 0.00	63.31 3.13 0.00	61.24 2.92 0.00	55.40 2.64 0.00	47.89 2.15 0.00	43.65 2.08 0.00	39.42 2.54 0.00
LOCKPORT_115KV_TB60_63_64 80432	38.38 -0.58 0.00	34.75 -0.35 0.00	30.53 -0.88 0.00	29.28 0.03 0.00	29.50 -0.12 0.00	29.70 -0.09 0.00	31.60 -0.22 0.00	31.72 -0.48 0.00	29.70 -0.51 0.00	29.42 -0.36 0.00	28.13 -0.63 0.00	29.20 -0.54 0.00	30.78 -0.15 0.00	32.81 -0.10 0.00	35.14 0.17 0.00	37.98 0.30 0.00	44.27 -0.22 0.00	53.35 -0.38 0.00	58.37 -1.81 0.00	56.29 -2.04 0.00	51.55 -1.21 0.00	44.41 -1.33 0.00	40.24 -1.33 0.00	37.65 0.77 0.00
LOCKPORT___CC1 323769	38.46 -0.51 0.00	34.75 -0.35 0.00	31.09 -0.31 0.00	29.43 0.18 0.00	29.50 -0.12 0.00	29.61 -0.18 0.00	31.25 -0.57 0.00	31.84 -0.35 0.00	29.63 -0.57 0.00	29.45 -0.33 0.00	28.16 -0.61 0.00	29.26 -0.48 0.00	30.84 -0.09 0.00	32.98 0.07 0.00	35.28 0.31 0.00	37.97 0.30 0.00	44.32 -0.18 0.00	53.73 0.00 0.00	58.37 -1.80 0.00	56.34 -1.98 0.00	51.55 -1.21 0.00	44.37 -1.37 0.00	40.28 -1.29 0.00	37.65 0.78 0.00
LOCKPORT___CC2 323770	38.46 -0.51 0.00	34.75 -0.35 0.00	31.09 -0.31 0.00	29.43 0.18 0.00	29.50 -0.12 0.00	29.61 -0.18 0.00	31.25 -0.57 0.00	31.84 -0.35 0.00	29.63 -0.57 0.00	29.45 -0.33 0.00	28.16 -0.61 0.00	29.26 -0.48 0.00	30.84 -0.09 0.00	32.98 0.07 0.00	35.28 0.31 0.00	37.97 0.30 0.00	44.32 -0.18 0.00	53.73 0.00 0.00	58.37 -1.80 0.00	56.34 -1.98 0.00	51.55 -1.21 0.00	44.37 -1.37 0.00	40.28 -1.29 0.00	37.65 0.78 0.00
LOCKPORT___CC3 323771	38.46 -0.51 0.00	34.75 -0.35 0.00	31.09 -0.31 0.00	29.43 0.18 0.00	29.50 -0.12 0.00	29.61 -0.18 0.00	31.25 -0.57 0.00	31.84 -0.35 0.00	29.63 -0.57 0.00	29.45 -0.33 0.00	28.16 -0.61 0.00	29.26 -0.48 0.00	30.84 -0.09 0.00	32.98 0.07 0.00	35.28 0.31 0.00	37.97 0.30 0.00	44.32 -0.18 0.00	53.73 0.00 0.00	58.37 -1.80 0.00	56.34 -1.98 0.00	51.55 -1.21 0.00	44.37 -1.37 0.00	40.28 -1.29 0.00	37.65 0.78 0.00
LOCUSVLY_69_KV_BK2 55797	41.81 2.84 0.00	37.49 2.39 0.00	33.26 1.85 0.00	30.89 1.64 0.00	31.16 1.54 0.00	31.28 1.49 0.00	33.77 1.94 0.00	34.42 2.22 0.00	32.48 2.27 0.00	32.24 2.47 0.00	33.20 2.39 -2.05	34.03 2.50 -1.80	36.00 2.69 -2.37	39.18 2.76 -3.51	39.90 2.90 -2.03	41.36 3.16 -0.52	48.19 3.69 0.00	57.55 3.81 0.00	63.97 3.79 0.00	61.83 3.50 0.00	55.93 3.17 0.00	48.53 2.79 0.00	44.15 2.58 0.00	39.68 2.80 0.00
LONG_LAKE_PHOENIX 24014	38.22 -0.74 0.00	34.44 -0.67 0.00	30.84 -0.57 0.00	28.81 -0.44 0.00	29.15 -0.47 0.00	29.28 -0.51 0.00	31.25 -0.57 0.00	31.59 -0.61 0.00	29.54 -0.66 0.00	29.18 -0.60 0.00	28.16 -0.60 0.00	29.11 -0.62 0.00	30.29 -0.65 0.00	32.25 -0.66 0.00	34.27 -0.70 0.00	36.96 -0.72 0.00	43.65 -0.85 0.00	52.87 -0.86 0.00	59.15 -1.02 0.00	57.28 -1.05 0.00	52.08 -0.69 0.00	45.05 -0.69 0.00	40.87 -0.71 0.00	36.36 -0.52 0.00
LOVETT___3 23632	40.52 1.56 0.00	36.47 1.37 0.00	32.57 1.16 0.00	30.33 1.08 0.00	30.66 1.04 0.00	30.86 1.07 0.00	33.10 1.27 0.00	33.65 1.45 0.00	31.63 1.42 0.00	31.23 1.46 0.00	30.26 1.50 0.00	31.31 1.58 0.00	32.67 1.73 0.00	34.62 1.71 0.00	36.75 1.78 0.00	39.60 1.92 0.00	46.72 2.22 0.00	55.99 2.26 0.00	62.46 2.29 0.00	60.48 2.16 0.00	54.93 2.16 0.00	47.70 1.97 0.00	43.49 1.91 0.00	38.46 1.59 0.00
LOVETT___4 23642	40.52 1.56 0.00	36.47 1.37 0.00	32.57 1.16 0.00	30.33 1.08 0.00	30.66 1.04 0.00	30.86 1.07 0.00	33.10 1.27 0.00	33.65 1.45 0.00	31.63 1.42 0.00	31.23 1.46 0.00	30.26 1.50 0.00	31.31 1.58 0.00	32.67 1.73 0.00	34.62 1.71 0.00	36.75 1.78 0.00	39.60 1.92 0.00	46.72 2.22 0.00	55.99 2.26 0.00	62.46 2.29 0.00	60.48 2.16 0.00	54.93 2.16 0.00	47.70 1.97 0.00	43.49 1.91 0.00	38.46 1.59 0.00
LOVETT___5 23593	40.52 1.56 0.00	36.47 1.37 0.00	32.57 1.16 0.00	30.33 1.08 0.00	30.66 1.04 0.00	30.86 1.07 0.00	33.10 1.27 0.00	33.65 1.45 0.00	31.63 1.42 0.00	31.23 1.46 0.00	30.26 1.50 0.00	31.31 1.58 0.00	32.67 1.73 0.00	34.62 1.71 0.00	36.75 1.78 0.00	39.60 1.92 0.00	46.72 2.22 0.00	55.99 2.26 0.00	62.46 2.29 0.00	60.48 2.16 0.00	54.93 2.16 0.00	47.70 1.97 0.00	43.49 1.91 0.00	38.46 1.59 0.00
LOWER RAQUET___HYD 24057	39.94 0.97 0.00	35.98 0.88 0.00	32.16 0.75 0.00	29.72 0.47 0.00	30.21 0.59 0.00	30.42 0.63 0.00	32.53 0.70 0.00	32.68 0.48 0.00	30.69 0.48 0.00	30.22 0.45 0.00	29.22 0.46 0.00	30.18 0.45 0.00	31.34 0.40 0.00	33.27 0.36 0.00	35.31 0.35 0.00	38.05 0.38 0.00	44.81 0.31 0.00	54.32 0.59 0.00	61.26 1.08 0.00	59.43 1.11 0.00	53.66 0.90 0.00	46.47 0.73 0.00	42.16 0.58 0.00	37.28 0.41 0.00
LOWER___HUDSON 24059	40.33 1.36 0.00	36.30 1.19 0.00	32.38 0.97 0.00	30.16 0.91 0.00	30.51 0.89 0.00	30.68 0.89 0.00	32.78 0.95 0.00	33.26 1.06 0.00	30.93 0.72 0.00	30.34 0.56 0.00	29.25 0.49 0.00	30.18 0.45 0.00	31.49 0.56 0.00	33.50 0.59 0.00	35.66 0.70 0.00	38.47 0.79 0.00	45.61 1.11 0.00	55.07 1.34 0.00	61.98 1.80 0.00	60.19 1.87 0.00	54.72 1.95 0.00	47.52 1.78 0.00	43.28 1.71 0.00	38.24 1.37 0.00
LOWVILLE_115KV_TB2 356335	40.21 1.25 0.00	36.23 1.12 0.00	32.38 0.97 0.00	30.10 0.85 0.00	30.45 0.83 0.00	30.62 0.83 0.00	32.75 0.92 0.00	32.87 0.68 0.00	30.69 0.48 0.00	29.98 0.21 0.00	28.97 0.20 0.00	29.98 0.24 0.00	31.09 0.15 0.00	33.14 0.23 0.00	35.28 0.31 0.00	38.09 0.41 0.00	45.03 0.53 0.00	54.86 1.13 0.00	61.98 1.81 0.00	59.78 1.46 0.00	54.35 1.58 0.00	47.06 1.33 0.00	42.53 0.96 0.00	37.65 0.77 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.52 1.56 0.00	36.51 1.40 0.00	32.66 1.26 0.00	30.36 1.11 0.00	30.78 1.16 0.00	30.98 1.19 0.00	33.07 1.24 0.00	33.45 1.26 0.00	31.27 1.06 0.00	30.64 0.86 0.00	29.43 0.66 0.00	30.39 0.65 0.00	31.62 0.68 0.00	33.77 0.86 0.00	35.94 0.98 0.00	38.54 0.87 0.00	45.74 1.25 0.00	55.29 1.56 0.00	62.58 2.41 0.00	60.89 2.57 0.00	55.46 2.69 0.00	47.98 2.24 0.00	43.74 2.16 0.00	38.64 1.77 0.00

LUTHERNY_35_KV_BK2 355980	40.56 1.60 0.00	36.54 1.44 0.00	32.69 1.29 0.00	30.36 1.11 0.00	30.81 1.18 0.00	30.98 1.19 0.00	33.10 1.27 0.00	33.49 1.29 0.00	31.30 1.09 0.00	30.64 0.86 0.00	29.45 0.69 0.00	30.39 0.65 0.00	31.65 0.71 0.00	33.77 0.86 0.00	35.94 0.98 0.00	38.54 0.87 0.00	45.79 1.29 0.00	55.34 1.61 0.00	62.64 2.47 0.00	60.95 2.62 0.00	55.46 2.69 0.00	48.03 2.29 0.00	43.78 2.20 0.00	38.68 1.81 0.00
LWR___OSWEGATCHIE_HYD 23850	40.02 1.05 0.00	36.05 0.95 0.00	32.22 0.82 0.00	29.86 0.61 0.00	30.27 0.65 0.00	30.45 0.66 0.00	32.59 0.76 0.00	32.71 0.52 0.00	30.60 0.39 0.00	30.01 0.24 0.00	29.02 0.26 0.00	30.01 0.27 0.00	31.12 0.19 0.00	33.14 0.23 0.00	35.21 0.24 0.00	37.98 0.30 0.00	44.81 0.31 0.00	54.48 0.75 0.00	61.56 1.38 0.00	59.61 1.28 0.00	54.03 1.27 0.00	46.84 1.10 0.00	42.36 0.79 0.00	37.50 0.63 0.00
LYONS_FALL_HYD 23570	39.98 1.01 0.00	36.02 0.91 0.00	32.25 0.85 0.00	29.98 0.73 0.00	30.33 0.71 0.00	30.50 0.71 0.00	32.62 0.80 0.00	32.81 0.61 0.00	30.66 0.45 0.00	29.98 0.21 0.00	28.97 0.20 0.00	29.97 0.24 0.00	31.09 0.16 0.00	33.17 0.26 0.00	35.28 0.31 0.00	38.09 0.42 0.00	45.03 0.54 0.00	54.81 1.07 0.00	61.80 1.63 0.00	59.67 1.34 0.00	54.24 1.48 0.00	46.97 1.24 0.00	42.49 0.91 0.00	37.65 0.78 0.00
MADISON___COUNTY_LFGE 323628	39.78 0.82 0.00	35.84 0.74 0.00	32.07 0.66 0.00	29.89 0.64 0.00	30.24 0.62 0.00	30.39 0.60 0.00	32.46 0.64 0.00	32.75 0.55 0.00	30.57 0.36 0.00	29.98 0.21 0.00	28.97 0.20 0.00	29.95 0.21 0.00	31.12 0.19 0.00	33.21 0.30 0.00	35.31 0.35 0.00	38.13 0.45 0.00	45.12 0.62 0.00	54.75 1.02 0.00	61.56 1.38 0.00	59.67 1.34 0.00	54.30 1.53 0.00	47.02 1.28 0.00	42.57 1.00 0.00	37.76 0.88 0.00
MALONE___115KV_TB1 356076	40.17 1.21 0.00	36.16 1.05 0.00	32.32 0.91 0.00	29.95 0.70 0.00	30.42 0.80 0.00	30.53 0.74 0.00	32.69 0.86 0.00	32.87 0.68 0.00	30.93 0.73 0.00	30.55 0.77 0.00	29.51 0.75 0.00	30.51 0.77 0.00	31.65 0.71 0.00	33.57 0.66 0.00	35.59 0.63 0.00	38.31 0.64 0.00	45.12 0.62 0.00	54.64 0.91 0.00	61.56 1.38 0.00	59.73 1.40 0.00	53.77 1.00 0.00	46.47 0.73 0.00	42.07 0.50 0.00	37.13 0.26 0.00
MAPLEWOD_115KV_TB3 80458	40.13 1.17 0.00	36.12 1.02 0.00	32.32 0.91 0.00	30.04 0.79 0.00	30.39 0.77 0.00	30.56 0.77 0.00	32.62 0.80 0.00	33.10 0.90 0.00	30.81 0.60 0.00	30.28 0.51 0.00	29.22 0.46 0.00	30.15 0.42 0.00	31.43 0.49 0.00	33.47 0.56 0.00	35.56 0.59 0.00	38.31 0.64 0.00	45.43 0.93 0.00	54.86 1.13 0.00	61.62 1.44 0.00	59.84 1.52 0.00	54.35 1.58 0.00	47.16 1.42 0.00	42.95 1.37 0.00	37.94 1.07 0.00
MAPLE_RIDGE_WT_1 323574	38.97 0.00 0.00	35.10 0.00 0.00	31.44 0.03 0.00	29.25 0.00 0.00	29.62 0.00 0.00	29.79 0.00 0.00	31.86 0.03 0.00	32.20 0.00 0.00	30.21 0.00 0.00	29.77 0.00 0.00	28.76 0.00 0.00	29.71 -0.03 0.00	30.90 -0.03 0.00	32.85 -0.07 0.00	34.83 -0.14 0.00	37.49 -0.19 0.00	44.23 -0.27 0.00	53.41 -0.32 0.00	59.94 -0.24 0.00	58.04 -0.29 0.00	52.40 -0.37 0.00	45.33 -0.41 0.00	41.12 -0.46 0.00	36.39 -0.48 0.00
MAPLE_RIDGE_WT_2 323611	38.97 0.00 0.00	35.10 0.00 0.00	31.44 0.03 0.00	29.25 0.00 0.00	29.62 0.00 0.00	29.79 0.00 0.00	31.86 0.03 0.00	32.20 0.00 0.00	30.21 0.00 0.00	29.77 0.00 0.00	28.76 0.00 0.00	29.71 -0.03 0.00	30.90 -0.03 0.00	32.85 -0.07 0.00	34.83 -0.14 0.00	37.49 -0.19 0.00	44.23 -0.27 0.00	53.41 -0.32 0.00	59.94 -0.24 0.00	58.04 -0.29 0.00	52.40 -0.37 0.00	45.33 -0.41 0.00	41.12 -0.46 0.00	36.39 -0.48 0.00
MARBLE_RIVER_WT_PWR 323696	39.59 0.62 0.00	35.66 0.56 0.00	31.88 0.47 0.00	29.57 0.32 0.00	30.01 0.38 0.00	30.15 0.36 0.00	32.24 0.41 0.00	32.45 0.26 0.00	30.54 0.33 0.00	30.13 0.36 0.00	29.14 0.37 0.00	30.07 0.33 0.00	31.24 0.31 0.00	33.14 0.23 0.00	35.14 0.18 0.00	37.79 0.11 0.00	44.54 0.04 0.00	53.89 0.16 0.00	60.60 0.42 0.00	58.74 0.41 0.00	52.77 0.00 0.00	45.60 -0.14 0.00	41.33 -0.25 0.00	36.51 -0.37 0.00
MARSHVLE_115KV_TB1 80742	42.00 3.04 0.00	37.77 2.67 0.00	33.79 2.39 0.00	31.41 2.16 0.00	31.90 2.28 0.00	32.11 2.32 0.00	34.09 2.26 0.00	33.87 1.67 0.00	31.21 1.00 0.00	30.40 0.63 0.00	29.20 0.43 0.00	30.12 0.39 0.00	31.34 0.40 0.00	33.50 0.59 0.00	35.70 0.73 0.00	38.62 0.94 0.00	45.97 1.47 0.00	55.93 2.20 0.00	64.09 3.91 0.00	63.23 4.90 0.00	57.94 5.17 0.00	49.99 4.25 0.00	45.44 3.87 0.00	40.23 3.36 0.00
MARSH_HILL_WT_PWR 323713	39.35 0.39 0.00	35.49 0.39 0.00	31.63 0.22 0.00	29.78 0.53 0.00	30.07 0.44 0.00	30.24 0.45 0.00	32.08 0.25 0.00	32.29 0.10 0.00	30.00 -0.21 0.00	29.71 -0.06 0.00	28.50 -0.26 0.00	29.56 -0.18 0.00	31.03 0.09 0.00	33.11 0.20 0.00	35.28 0.31 0.00	38.09 0.42 0.00	44.72 0.22 0.00	54.48 0.75 0.00	60.24 0.06 0.00	58.62 0.29 0.00	53.72 0.95 0.00	46.29 0.55 0.00	41.95 0.37 0.00	38.13 1.25 0.00
MCINTYRE_115KV_TB2 80467	40.41 1.44 0.00	36.40 1.30 0.00	32.57 1.16 0.00	30.07 0.82 0.00	30.54 0.92 0.00	30.74 0.95 0.00	32.88 1.05 0.00	32.91 0.71 0.00	30.81 0.60 0.00	30.28 0.51 0.00	29.25 0.49 0.00	30.24 0.51 0.00	31.37 0.43 0.00	33.31 0.39 0.00	35.38 0.42 0.00	38.09 0.41 0.00	44.94 0.44 0.00	54.54 0.81 0.00	61.74 1.56 0.00	60.13 1.81 0.00	54.35 1.58 0.00	47.11 1.37 0.00	42.70 1.12 0.00	37.80 0.92 0.00
MECO_____69_KV_BK1 80468	41.97 3.00 0.00	37.77 2.67 0.00	33.79 2.39 0.00	31.39 2.14 0.00	31.87 2.25 0.00	32.08 2.29 0.00	34.15 2.32 0.00	34.10 1.90 0.00	31.30 1.09 0.00	30.37 0.60 0.00	29.05 0.29 0.00	29.95 0.21 0.00	31.15 0.22 0.00	33.34 0.43 0.00	35.59 0.63 0.00	38.54 0.87 0.00	46.01 1.51 0.00	56.20 2.47 0.00	64.51 4.33 0.00	63.40 5.07 0.00	57.99 5.22 0.00	50.04 4.30 0.00	45.52 3.95 0.00	40.23 3.36 0.00
MENANDS___115KV_TB5 355628	39.98 1.01 0.00	35.98 0.88 0.00	32.19 0.79 0.00	29.92 0.67 0.00	30.24 0.62 0.00	30.42 0.63 0.00	32.46 0.64 0.00	32.94 0.74 0.00	30.69 0.48 0.00	30.16 0.39 0.00	29.11 0.35 0.00	30.06 0.33 0.00	31.31 0.37 0.00	33.34 0.43 0.00	35.42 0.45 0.00	38.16 0.49 0.00	45.21 0.71 0.00	54.54 0.81 0.00	61.26 1.08 0.00	59.44 1.11 0.00	53.98 1.21 0.00	46.84 1.10 0.00	42.70 1.12 0.00	37.69 0.81 0.00
MG INDUSTRY___DRP 24185	39.90 0.94 0.00	35.95 0.84 0.00	32.19 0.79 0.00	29.95 0.70 0.00	30.30 0.68 0.00	30.45 0.66 0.00	32.49 0.67 0.00	32.84 0.64 0.00	30.54 0.33 0.00	29.95 0.18 0.00	28.91 0.14 0.00	29.83 0.09 0.00	31.06 0.12 0.00	33.08 0.16 0.00	35.17 0.21 0.00	37.94 0.26 0.00	44.94 0.44 0.00	54.32 0.59 0.00	61.08 0.90 0.00	59.38 1.05 0.00	53.93 1.16 0.00	46.84 1.10 0.00	42.65 1.08 0.00	37.72 0.85 0.00

MID___OSWEGATCHIE_HYD 23849	40.02 1.05 0.00	36.05 0.95 0.00	32.22 0.82 0.00	29.86 0.61 0.00	30.27 0.65 0.00	30.45 0.66 0.00	32.59 0.76 0.00	32.71 0.52 0.00	30.60 0.39 0.00	30.01 0.24 0.00	29.02 0.26 0.00	30.01 0.27 0.00	31.12 0.19 0.00	33.14 0.23 0.00	35.21 0.24 0.00	37.98 0.30 0.00	44.81 0.31 0.00	54.48 0.75 0.00	61.56 1.38 0.00	59.61 1.28 0.00	54.03 1.27 0.00	46.84 1.10 0.00	42.36 0.79 0.00	37.50 0.63 0.00
MID___RAQUETTE_HYD 23851	39.94 0.97 0.00	35.98 0.88 0.00	32.16 0.75 0.00	29.75 0.50 0.00	30.21 0.59 0.00	30.42 0.63 0.00	32.56 0.73 0.00	32.68 0.48 0.00	30.69 0.48 0.00	30.22 0.45 0.00	29.22 0.46 0.00	30.21 0.48 0.00	31.34 0.40 0.00	33.27 0.36 0.00	35.31 0.35 0.00	38.05 0.38 0.00	44.81 0.31 0.00	54.32 0.59 0.00	61.26 1.08 0.00	59.49 1.17 0.00	53.66 0.90 0.00	46.47 0.73 0.00	42.16 0.58 0.00	37.28 0.41 0.00
MILLIKEN___1 23584	39.35 0.39 0.00	35.49 0.39 0.00	31.66 0.25 0.00	29.66 0.41 0.00	29.98 0.36 0.00	30.15 0.36 0.00	32.14 0.32 0.00	32.46 0.26 0.00	30.30 0.09 0.00	29.83 0.06 0.00	28.74 -0.03 0.00	29.71 -0.03 0.00	30.93 0.00 0.00	32.98 0.07 0.00	35.10 0.14 0.00	37.90 0.23 0.00	44.81 0.31 0.00	54.38 0.64 0.00	60.96 0.78 0.00	59.09 0.76 0.00	53.82 1.06 0.00	46.52 0.78 0.00	42.16 0.58 0.00	37.58 0.70 0.00
MILLIKEN___2 23585	39.35 0.39 0.00	35.49 0.39 0.00	31.66 0.25 0.00	29.66 0.41 0.00	29.98 0.36 0.00	30.15 0.36 0.00	32.14 0.32 0.00	32.46 0.26 0.00	30.30 0.09 0.00	29.83 0.06 0.00	28.74 -0.03 0.00	29.71 -0.03 0.00	30.93 0.00 0.00	32.98 0.07 0.00	35.10 0.14 0.00	37.90 0.23 0.00	44.81 0.31 0.00	54.38 0.64 0.00	60.96 0.78 0.00	59.09 0.76 0.00	53.82 1.06 0.00	46.52 0.78 0.00	42.16 0.58 0.00	37.58 0.70 0.00
MILLIKEN___DIESEL 23629	39.35 0.39 0.00	35.49 0.39 0.00	31.66 0.25 0.00	29.66 0.41 0.00	29.98 0.36 0.00	30.15 0.36 0.00	32.14 0.32 0.00	32.46 0.26 0.00	30.30 0.09 0.00	29.83 0.06 0.00	28.74 -0.03 0.00	29.71 -0.03 0.00	30.93 0.00 0.00	32.98 0.07 0.00	35.10 0.14 0.00	37.90 0.23 0.00	44.81 0.31 0.00	54.38 0.64 0.00	60.96 0.78 0.00	59.09 0.76 0.00	53.82 1.06 0.00	46.52 0.78 0.00	42.16 0.58 0.00	37.58 0.70 0.00
MILLSEAT___LFGE 323607	39.08 0.12 0.00	35.25 0.14 0.00	31.60 0.19 0.00	29.87 0.62 0.00	29.92 0.30 0.00	30.03 0.24 0.00	31.76 -0.06 0.00	32.29 0.10 0.00	30.03 -0.18 0.00	29.74 -0.03 0.00	28.48 -0.29 0.00	29.62 -0.12 0.00	31.21 0.28 0.00	33.34 0.43 0.00	35.70 0.74 0.00	38.50 0.83 0.00	45.07 0.58 0.00	54.86 1.13 0.00	59.88 -0.30 0.00	57.86 -0.47 0.00	52.92 0.16 0.00	45.51 -0.23 0.00	41.20 -0.37 0.00	38.24 1.37 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.72 1.75 0.00	36.61 1.51 0.00	32.69 1.29 0.00	30.42 1.17 0.00	30.75 1.13 0.00	30.95 1.16 0.00	33.23 1.40 0.00	33.78 1.58 0.00	31.75 1.54 0.00	31.35 1.58 0.00	30.35 1.58 0.00	31.40 1.67 0.00	32.76 1.83 0.00	34.72 1.81 0.00	36.89 1.92 0.00	39.75 2.07 0.00	46.94 2.45 0.00	56.20 2.47 0.00	62.70 2.53 0.00	60.78 2.45 0.00	55.14 2.37 0.00	47.93 2.20 0.00	43.69 2.12 0.00	38.64 1.77 0.00
MILLWOOD_13_KV_LOAD 356217	40.80 1.83 0.00	36.68 1.58 0.00	32.76 1.35 0.00	30.48 1.23 0.00	30.81 1.18 0.00	31.01 1.22 0.00	33.26 1.43 0.00	33.81 1.61 0.00	31.78 1.57 0.00	31.35 1.58 0.00	30.37 1.61 0.00	31.43 1.70 0.00	32.76 1.83 0.00	34.75 1.84 0.00	36.92 1.96 0.00	39.82 2.15 0.00	46.99 2.49 0.00	56.31 2.58 0.00	62.88 2.71 0.00	60.89 2.57 0.00	55.30 2.53 0.00	48.03 2.29 0.00	43.78 2.20 0.00	38.68 1.81 0.00
MODEL_CITY_ENERGY 24167	38.11 -0.86 0.00	34.44 -0.67 0.00	30.97 -0.44 0.00	29.34 0.09 0.00	29.24 -0.39 0.00	29.34 -0.45 0.00	30.97 -0.86 0.00	31.75 -0.45 0.00	29.52 -0.69 0.00	29.18 -0.60 0.00	27.90 -0.86 0.00	29.00 -0.74 0.00	30.57 -0.37 0.00	32.65 -0.26 0.00	34.93 -0.03 0.00	37.60 -0.08 0.00	43.87 -0.62 0.00	53.19 -0.54 0.00	57.77 -2.41 0.00	55.76 -2.57 0.00	50.97 -1.79 0.00	43.91 -1.83 0.00	39.87 -1.71 0.00	37.46 0.59 0.00
MODERN_LFGE___ 323580	38.11 -0.86 0.00	34.44 -0.67 0.00	30.97 -0.44 0.00	29.34 0.09 0.00	29.24 -0.39 0.00	29.34 -0.45 0.00	30.97 -0.86 0.00	31.75 -0.45 0.00	29.52 -0.69 0.00	29.18 -0.60 0.00	27.90 -0.86 0.00	29.00 -0.74 0.00	30.57 -0.37 0.00	32.65 -0.26 0.00	34.93 -0.03 0.00	37.60 -0.08 0.00	43.87 -0.62 0.00	53.19 -0.54 0.00	57.77 -2.41 0.00	55.76 -2.57 0.00	50.97 -1.79 0.00	43.91 -1.83 0.00	39.87 -1.71 0.00	37.46 0.59 0.00
MOHAWK_PAPER___DRP 24187	40.13 1.17 0.00	36.12 1.02 0.00	32.32 0.91 0.00	30.04 0.79 0.00	30.39 0.77 0.00	30.56 0.77 0.00	32.62 0.80 0.00	33.10 0.90 0.00	30.81 0.60 0.00	30.28 0.51 0.00	29.22 0.46 0.00	30.15 0.42 0.00	31.43 0.49 0.00	33.47 0.56 0.00	35.56 0.59 0.00	38.31 0.64 0.00	45.43 0.93 0.00	54.86 1.13 0.00	61.62 1.44 0.00	59.84 1.52 0.00	54.35 1.58 0.00	47.16 1.42 0.00	42.95 1.37 0.00	37.94 1.07 0.00
MOHICAN___35_KV_115KV_LD 80490	40.45 1.48 0.00	36.47 1.37 0.00	32.66 1.26 0.00	30.27 1.02 0.00	30.75 1.13 0.00	30.95 1.16 0.00	33.07 1.24 0.00	33.42 1.22 0.00	31.51 1.30 0.00	30.84 1.07 0.00	29.45 0.69 0.00	30.39 0.65 0.00	31.58 0.65 0.00	33.80 0.89 0.00	35.98 1.01 0.00	38.16 0.49 0.00	45.34 0.85 0.00	54.91 1.18 0.00	62.70 2.53 0.00	61.07 2.74 0.00	55.77 3.01 0.00	48.16 2.42 0.00	43.90 2.33 0.00	38.76 1.88 0.00
MONGAUP___HYD 23641	40.56 1.60 0.00	36.51 1.41 0.00	32.50 1.10 0.00	30.25 1.00 0.00	30.63 1.01 0.00	30.77 0.98 0.00	33.00 1.18 0.00	33.39 1.19 0.00	31.24 1.03 0.00	30.75 0.98 0.00	29.74 0.98 0.00	30.75 1.01 0.00	32.11 1.18 0.00	34.16 1.25 0.00	36.26 1.29 0.00	39.18 1.51 0.00	46.41 1.91 0.00	55.99 2.26 0.00	62.76 2.59 0.00	61.01 2.68 0.00	55.40 2.64 0.00	48.02 2.29 0.00	43.61 2.04 0.00	38.54 1.66 0.00
MONTAUK___DIESEL 23721	42.86 3.90 0.00	38.26 3.16 0.00	33.54 2.14 0.00	31.03 1.78 0.00	31.22 1.60 0.00	31.31 1.52 0.00	34.02 2.20 0.00	35.10 2.90 0.00	33.35 3.14 0.00	33.61 3.84 0.00	34.64 3.83 -2.05	35.40 3.87 -1.80	37.51 4.21 -2.37	40.83 4.41 -3.51	41.75 4.76 -2.03	43.66 5.46 -0.52	50.90 6.41 0.00	61.20 7.47 0.00	67.82 7.64 0.00	65.38 7.06 0.00	58.99 6.23 0.00	50.59 4.85 0.00	45.98 4.41 0.00	41.56 4.68 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.08 0.12 0.00	35.42 0.32 0.00	31.12 -0.28 0.00	29.81 0.56 0.00	30.04 0.41 0.00	30.33 0.54 0.00	32.11 0.29 0.00	32.55 0.35 0.00	30.36 0.15 0.00	30.25 0.48 0.00	29.08 0.32 0.00	30.21 0.48 0.00	31.89 0.96 0.00	33.96 1.05 0.00	36.33 1.36 0.00	39.22 1.54 0.00	45.79 1.29 0.00	55.07 1.34 0.00	60.48 0.30 0.00	58.44 0.12 0.00	53.45 0.69 0.00	45.97 0.23 0.00	41.49 -0.08 0.00	38.17 1.29 0.00

MORRIS_RIDGE___SOLAR 323848	38.89 -0.08 0.00	35.10 0.00 0.00	31.25 -0.16 0.00	29.48 0.23 0.00	29.71 0.09 0.00	29.91 0.12 0.00	31.67 -0.16 0.00	31.88 -0.32 0.00	29.57 -0.64 0.00	29.33 -0.45 0.00	28.13 -0.63 0.00	29.17 -0.57 0.00	30.66 -0.28 0.00	32.75 -0.16 0.00	34.90 -0.07 0.00	37.64 -0.04 0.00	44.14 -0.36 0.00	53.62 -0.11 0.00	59.10 -1.08 0.00	57.57 -0.76 0.00	52.71 -0.05 0.00	45.42 -0.32 0.00	41.20 -0.37 0.00	37.65 0.78 0.00
MORTIMER_115KV_TB3 55949	38.93 -0.04 0.00	35.07 -0.04 0.00	31.15 -0.25 0.00	29.43 0.18 0.00	29.71 0.09 0.00	29.88 0.09 0.00	31.73 -0.10 0.00	32.04 -0.16 0.00	29.85 -0.36 0.00	29.62 -0.15 0.00	28.53 -0.23 0.00	29.62 -0.12 0.00	31.03 0.09 0.00	33.04 0.13 0.00	35.35 0.38 0.00	38.16 0.49 0.00	44.94 0.44 0.00	54.43 0.70 0.00	60.30 0.12 0.00	58.21 -0.12 0.00	53.08 0.32 0.00	45.78 0.05 0.00	41.45 -0.12 0.00	37.43 0.55 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.11 2.14 0.00	36.93 1.83 0.00	32.94 1.54 0.00	30.65 1.40 0.00	30.98 1.36 0.00	31.16 1.37 0.00	33.51 1.69 0.00	34.07 1.87 0.00	32.08 1.87 0.00	31.71 1.94 0.00	30.75 1.98 0.00	31.82 2.08 0.00	33.19 2.26 0.00	35.18 2.27 0.00	37.34 2.38 0.00	40.27 2.60 0.00	47.52 3.03 0.00	56.74 3.01 0.00	63.25 3.07 0.00	61.24 2.92 0.00	55.56 2.80 0.00	48.35 2.61 0.00	44.15 2.58 0.00	38.98 2.10 0.00
MUNSVILLE_WIND_PWR 323609	41.34 2.38 0.00	37.32 2.21 0.00	33.39 1.98 0.00	31.18 1.93 0.00	31.49 1.87 0.00	31.67 1.88 0.00	33.89 2.07 0.00	34.03 1.83 0.00	31.63 1.42 0.00	30.66 0.89 0.00	29.54 0.78 0.00	30.57 0.83 0.00	31.71 0.77 0.00	33.90 0.99 0.00	36.22 1.26 0.00	39.18 1.51 0.00	46.50 2.00 0.00	57.01 3.28 0.00	64.33 4.15 0.00	62.47 4.14 0.00	57.25 4.48 0.00	49.44 3.70 0.00	44.65 3.08 0.00	39.71 2.84 0.00
N SALMON___HYD 24042	40.17 1.21 0.00	36.16 1.05 0.00	32.32 0.91 0.00	29.92 0.67 0.00	30.42 0.80 0.00	30.54 0.75 0.00	32.69 0.86 0.00	32.88 0.68 0.00	30.93 0.72 0.00	30.55 0.77 0.00	29.48 0.72 0.00	30.48 0.74 0.00	31.65 0.71 0.00	33.57 0.66 0.00	35.60 0.63 0.00	38.31 0.64 0.00	45.07 0.58 0.00	54.64 0.91 0.00	61.56 1.39 0.00	59.72 1.40 0.00	53.77 1.00 0.00	46.47 0.73 0.00	42.07 0.50 0.00	37.13 0.26 0.00
N.AKRON__115KV_KNAPP 355671	39.00 0.04 0.00	35.21 0.11 0.00	31.03 -0.38 0.00	29.66 0.41 0.00	29.89 0.27 0.00	30.09 0.30 0.00	32.02 0.19 0.00	32.13 -0.06 0.00	30.03 -0.18 0.00	29.71 -0.06 0.00	28.45 -0.32 0.00	29.56 -0.18 0.00	31.15 0.22 0.00	33.17 0.26 0.00	35.59 0.63 0.00	38.47 0.79 0.00	44.99 0.49 0.00	54.38 0.64 0.00	59.70 -0.48 0.00	57.57 -0.76 0.00	52.77 0.00 0.00	45.42 -0.32 0.00	41.07 -0.50 0.00	38.17 1.29 0.00
N.E_GEN_SANDY PD 24062	40.37 1.40 0.00	36.33 1.23 0.00	32.35 0.94 0.00	30.13 0.88 0.00	30.48 0.86 0.00	30.65 0.86 0.00	32.75 0.92 0.00	33.36 1.16 0.00	31.09 0.88 0.00	30.55 0.77 0.00	29.51 0.75 0.00	30.45 0.71 0.00	31.80 0.86 0.00	33.77 0.85 0.00	35.91 0.94 0.00	38.73 1.05 0.00	45.88 1.38 0.00	55.23 1.50 0.00	61.92 1.75 0.00	60.02 1.69 0.00	54.56 1.80 0.00	47.48 1.74 0.00	43.24 1.66 0.00	38.20 1.33 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.60 1.64 0.00	36.54 1.44 0.00	32.63 1.22 0.00	30.39 1.14 0.00	30.72 1.10 0.00	30.89 1.10 0.00	33.16 1.34 0.00	33.68 1.48 0.00	31.69 1.48 0.00	31.29 1.52 0.00	30.32 1.55 0.00	31.34 1.61 0.00	32.70 1.76 0.00	34.69 1.78 0.00	36.82 1.85 0.00	39.67 2.00 0.00	46.81 2.31 0.00	56.10 2.36 0.00	62.58 2.41 0.00	60.66 2.33 0.00	55.03 2.27 0.00	47.84 2.10 0.00	43.57 2.00 0.00	38.53 1.66 0.00
N.QUEENS_27_KV_LOAD 356247	41.42 2.45 0.00	37.18 2.07 0.00	33.10 1.70 0.00	30.77 1.52 0.00	31.13 1.51 0.00	31.37 1.58 0.00	33.67 1.85 0.00	34.07 1.87 0.00	32.05 1.84 0.00	31.86 2.08 0.00	30.95 2.19 0.00	32.03 2.29 0.00	33.41 2.47 0.00	35.48 2.57 0.00	37.69 2.73 0.00	40.65 2.98 0.00	47.92 3.43 0.00	56.52 2.79 0.00	62.58 2.41 0.00	60.60 2.27 0.00	55.09 2.32 0.00	48.53 2.79 0.00	44.40 2.83 0.00	39.27 2.40 0.00
N.TROY___115KV_TB1 355778	40.33 1.36 0.00	36.33 1.23 0.00	32.47 1.07 0.00	30.19 0.94 0.00	30.57 0.95 0.00	30.74 0.95 0.00	32.81 0.99 0.00	33.33 1.13 0.00	31.06 0.85 0.00	30.46 0.68 0.00	29.37 0.60 0.00	30.30 0.57 0.00	31.55 0.62 0.00	33.60 0.69 0.00	35.73 0.77 0.00	38.47 0.79 0.00	45.65 1.16 0.00	55.13 1.40 0.00	61.98 1.81 0.00	60.19 1.87 0.00	54.72 1.95 0.00	47.52 1.78 0.00	43.28 1.70 0.00	38.24 1.36 0.00
NARROWS_GT1_1 24228	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NARROWS_GT1_2 24229	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NARROWS_GT1_3 24230	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NARROWS_GT1_4 24231	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NARROWS_GT1_5 24232	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01

NARROWS_GT1_6 24233	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NARROWS_GT1_7 24234	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NARROWS_GT1_8 24235	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NARROWS_GT2_1 24236	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NARROWS_GT2_2 24237	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NARROWS_GT2_3 24238	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NARROWS_GT2_4 24239	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NARROWS_GT2_5 24240	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NARROWS_GT2_6 24241	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NARROWS_GT2_7 24242	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NARROWS_GT2_8 24243	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.56 1.60 0.00	36.51 1.40 0.00	32.63 1.22 0.00	30.30 1.05 0.00	30.69 1.07 0.00	30.80 1.01 0.00	32.88 1.05 0.00	33.16 0.97 0.00	30.69 0.48 0.00	30.04 0.27 0.00	28.94 0.17 0.00	29.83 0.09 0.00	31.09 0.15 0.00	33.21 0.30 0.00	35.31 0.35 0.00	38.13 0.45 0.00	45.39 0.89 0.00	55.07 1.34 0.00	62.28 2.11 0.00	60.66 2.33 0.00	55.19 2.43 0.00	47.75 2.01 0.00	43.44 1.87 0.00	38.35 1.47 0.00
NCHELSEA_115KV_TR2 355582	40.80 1.83 0.00	36.72 1.61 0.00	32.76 1.35 0.00	30.48 1.23 0.00	30.84 1.21 0.00	31.01 1.22 0.00	33.29 1.46 0.00	33.74 1.55 0.00	31.63 1.42 0.00	31.14 1.37 0.00	30.14 1.38 0.00	31.16 1.43 0.00	32.51 1.58 0.00	34.56 1.65 0.00	36.71 1.75 0.00	39.63 1.96 0.00	46.90 2.40 0.00	56.42 2.69 0.00	63.07 2.89 0.00	61.18 2.86 0.00	55.51 2.74 0.00	48.16 2.42 0.00	43.86 2.29 0.00	38.72 1.84 0.00
NEG CAPITAL___MECHNVIL 23645	40.64 1.67 0.00	36.61 1.51 0.00	32.66 1.26 0.00	30.39 1.14 0.00	30.81 1.19 0.00	31.01 1.22 0.00	33.10 1.27 0.00	33.52 1.32 0.00	31.09 0.88 0.00	30.46 0.69 0.00	29.28 0.52 0.00	30.24 0.51 0.00	31.52 0.59 0.00	33.63 0.72 0.00	35.84 0.87 0.00	38.69 1.02 0.00	45.96 1.47 0.00	55.56 1.83 0.00	62.82 2.64 0.00	61.13 2.80 0.00	55.61 2.85 0.00	48.16 2.42 0.00	43.86 2.29 0.00	38.75 1.88 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.22 -0.74 0.00	34.40 -0.70 0.00	30.78 -0.63 0.00	28.87 -0.38 0.00	29.15 -0.48 0.00	29.28 -0.51 0.00	31.16 -0.67 0.00	31.43 -0.77 0.00	29.36 -0.85 0.00	29.12 -0.66 0.00	28.05 -0.72 0.00	29.14 -0.59 0.00	30.44 -0.50 0.00	32.45 -0.46 0.00	34.65 -0.32 0.00	37.37 -0.30 0.00	44.05 -0.44 0.00	53.57 -0.16 0.00	59.33 -0.84 0.00	57.33 -0.99 0.00	52.19 -0.58 0.00	45.00 -0.73 0.00	40.78 -0.79 0.00	36.65 -0.22 0.00



NEG CENTRAL___DRP 24199	39.00 0.04 0.00	35.14 0.04 0.00	31.31 -0.09 0.00	29.40 0.15 0.00	29.71 0.09 0.00	29.88 0.09 0.00	31.83 0.00 0.00	32.13 -0.06 0.00	29.97 -0.24 0.00	29.62 -0.15 0.00	28.53 -0.23 0.00	29.53 -0.21 0.00	30.81 -0.12 0.00	32.85 -0.07 0.00	35.00 0.03 0.00	37.79 0.11 0.00	44.63 0.13 0.00	54.00 0.27 0.00	60.36 0.18 0.00	58.44 0.12 0.00	53.24 0.47 0.00	45.97 0.23 0.00	41.74 0.17 0.00	37.32 0.44 0.00
NEG CENTRAL___INDECK 23768	40.17 1.21 0.00	36.16 1.05 0.00	32.28 0.88 0.00	30.36 1.11 0.00	30.63 1.01 0.00	30.80 1.01 0.00	32.65 0.83 0.00	32.71 0.51 0.00	30.30 0.09 0.00	29.86 0.09 0.00	28.59 -0.17 0.00	29.65 -0.09 0.00	31.06 0.12 0.00	33.14 0.23 0.00	35.35 0.39 0.00	38.20 0.53 0.00	45.07 0.58 0.00	55.23 1.50 0.00	61.56 1.39 0.00	60.14 1.81 0.00	55.19 2.43 0.00	47.52 1.78 0.00	42.94 1.37 0.00	38.83 1.95 0.00
NEG CENTRAL___SENECA 23627	39.20 0.23 0.00	35.35 0.25 0.00	31.41 0.00 0.00	29.60 0.35 0.00	29.89 0.27 0.00	30.09 0.30 0.00	31.99 0.16 0.00	32.26 0.06 0.00	30.09 -0.12 0.00	29.74 -0.03 0.00	28.62 -0.14 0.00	29.65 -0.09 0.00	30.97 0.03 0.00	33.01 0.10 0.00	35.21 0.24 0.00	38.05 0.38 0.00	44.90 0.40 0.00	54.32 0.59 0.00	60.60 0.42 0.00	58.68 0.35 0.00	53.50 0.74 0.00	46.15 0.41 0.00	41.95 0.37 0.00	37.61 0.74 0.00
NEG CENTRAL___STATE_STREET 24147	38.89 -0.08 0.00	35.03 -0.07 0.00	31.28 -0.13 0.00	29.31 0.06 0.00	29.62 0.00 0.00	29.79 0.00 0.00	31.76 -0.06 0.00	32.07 -0.13 0.00	29.97 -0.24 0.00	29.56 -0.21 0.00	28.53 -0.23 0.00	29.50 -0.24 0.00	30.75 -0.19 0.00	32.75 -0.16 0.00	34.86 -0.10 0.00	37.64 -0.04 0.00	44.50 0.00 0.00	53.95 0.21 0.00	60.36 0.18 0.00	58.44 0.12 0.00	53.19 0.42 0.00	45.97 0.23 0.00	41.66 0.08 0.00	37.13 0.26 0.00
NEG MILLWOOD___DRP 24198	40.87 1.91 0.00	36.79 1.69 0.00	32.82 1.41 0.00	30.51 1.26 0.00	30.89 1.27 0.00	31.07 1.28 0.00	33.32 1.50 0.00	33.84 1.64 0.00	31.72 1.51 0.00	31.20 1.43 0.00	30.20 1.44 0.00	31.22 1.49 0.00	32.61 1.67 0.00	34.62 1.71 0.00	36.85 1.89 0.00	39.82 2.15 0.00	47.03 2.54 0.00	56.53 2.79 0.00	63.19 3.01 0.00	61.30 2.97 0.00	55.61 2.85 0.00	48.21 2.47 0.00	43.94 2.37 0.00	38.79 1.92 0.00
NEG NORTH_FLCN_SEA 23793	40.10 1.13 0.00	36.09 0.98 0.00	32.25 0.85 0.00	29.92 0.67 0.00	30.39 0.77 0.00	30.50 0.71 0.00	32.62 0.80 0.00	32.84 0.64 0.00	30.90 0.69 0.00	30.49 0.71 0.00	29.45 0.69 0.00	30.48 0.74 0.00	31.62 0.68 0.00	33.54 0.63 0.00	35.56 0.59 0.00	38.24 0.57 0.00	45.08 0.58 0.00	54.54 0.81 0.00	61.32 1.14 0.00	59.49 1.17 0.00	53.50 0.74 0.00	46.20 0.46 0.00	41.82 0.25 0.00	36.95 0.07 0.00
NEG NORTH_KES_CHATEGAY 23792	39.63 0.66 0.00	35.70 0.60 0.00	31.91 0.50 0.00	29.57 0.32 0.00	30.04 0.41 0.00	30.18 0.39 0.00	32.24 0.41 0.00	32.46 0.26 0.00	30.54 0.33 0.00	30.10 0.33 0.00	29.08 0.32 0.00	30.06 0.33 0.00	31.18 0.25 0.00	33.11 0.20 0.00	35.10 0.14 0.00	37.71 0.04 0.00	44.50 0.00 0.00	53.78 0.05 0.00	60.60 0.42 0.00	58.79 0.47 0.00	52.82 0.05 0.00	45.65 -0.09 0.00	41.32 -0.25 0.00	36.51 -0.37 0.00
NEG NORTH___ALICE_FALLS 23915	40.21 1.25 0.00	36.23 1.12 0.00	32.38 0.97 0.00	30.01 0.76 0.00	30.48 0.86 0.00	30.59 0.80 0.00	32.72 0.89 0.00	32.91 0.71 0.00	30.96 0.76 0.00	30.58 0.80 0.00	29.54 0.78 0.00	30.54 0.80 0.00	31.68 0.74 0.00	33.60 0.69 0.00	35.63 0.66 0.00	38.35 0.68 0.00	45.16 0.67 0.00	54.70 0.97 0.00	61.56 1.38 0.00	59.67 1.34 0.00	53.72 0.95 0.00	46.38 0.64 0.00	41.99 0.42 0.00	37.10 0.22 0.00
NEG NORTH___LWR_SARANAC 23913	40.21 1.25 0.00	36.23 1.12 0.00	32.38 0.97 0.00	30.01 0.76 0.00	30.48 0.86 0.00	30.59 0.80 0.00	32.72 0.89 0.00	32.91 0.71 0.00	30.96 0.76 0.00	30.58 0.80 0.00	29.54 0.78 0.00	30.54 0.80 0.00	31.68 0.74 0.00	33.60 0.69 0.00	35.63 0.66 0.00	38.35 0.68 0.00	45.16 0.67 0.00	54.70 0.97 0.00	61.56 1.38 0.00	59.67 1.34 0.00	53.72 0.95 0.00	46.38 0.64 0.00	41.99 0.42 0.00	37.10 0.22 0.00
NEG NORTH___PLATTSBURG 23628	40.21 1.25 0.00	36.23 1.12 0.00	32.38 0.97 0.00	30.01 0.76 0.00	30.48 0.86 0.00	30.59 0.80 0.00	32.72 0.89 0.00	32.91 0.71 0.00	30.96 0.76 0.00	30.58 0.80 0.00	29.51 0.75 0.00	30.51 0.77 0.00	31.68 0.74 0.00	33.60 0.69 0.00	35.63 0.66 0.00	38.35 0.68 0.00	45.17 0.67 0.00	54.70 0.97 0.00	61.56 1.39 0.00	59.67 1.34 0.00	53.72 0.95 0.00	46.38 0.64 0.00	41.99 0.42 0.00	37.10 0.22 0.00
NEG WEST_LEA_LOCKPORT 23791	38.42 -0.55 0.00	34.75 -0.35 0.00	30.56 -0.85 0.00	29.28 0.03 0.00	29.50 -0.12 0.00	29.70 -0.09 0.00	31.57 -0.25 0.00	31.75 -0.45 0.00	29.64 -0.57 0.00	29.45 -0.33 0.00	28.16 -0.60 0.00	29.20 -0.54 0.00	30.81 -0.12 0.00	32.81 -0.10 0.00	35.14 0.17 0.00	37.98 0.30 0.00	44.27 -0.22 0.00	53.35 -0.38 0.00	58.37 -1.81 0.00	56.23 -2.10 0.00	51.55 -1.21 0.00	44.37 -1.37 0.00	40.20 -1.37 0.00	37.61 0.74 0.00
NEG WEST___LANCASTR 23811	37.80 -1.17 0.00	34.26 -0.84 0.00	30.12 -1.29 0.00	28.81 -0.44 0.00	29.03 -0.59 0.00	29.28 -0.51 0.00	31.00 -0.83 0.00	31.46 -0.74 0.00	29.36 -0.85 0.00	29.24 -0.54 0.00	28.10 -0.66 0.00	29.17 -0.57 0.00	30.75 -0.19 0.00	32.75 -0.16 0.00	35.00 0.03 0.00	37.83 0.15 0.00	44.14 -0.36 0.00	53.14 -0.59 0.00	58.31 -1.87 0.00	56.29 -2.04 0.00	51.50 -1.27 0.00	44.32 -1.42 0.00	40.04 -1.54 0.00	36.80 -0.07 0.00
NEG_PENN_ALLEGHNY 23528	39.12 0.16 0.00	35.28 0.18 0.00	31.53 0.13 0.00	29.51 0.26 0.00	29.80 0.18 0.00	29.97 0.18 0.00	31.95 0.13 0.00	32.33 0.13 0.00	30.24 0.03 0.00	29.89 0.12 0.00	28.82 0.06 0.00	29.83 0.09 0.00	31.12 0.19 0.00	33.14 0.23 0.00	35.24 0.28 0.00	38.01 0.34 0.00	44.85 0.35 0.00	54.38 0.65 0.00	60.48 0.30 0.00	58.56 0.23 0.00	53.29 0.53 0.00	46.10 0.36 0.00	41.78 0.21 0.00	37.35 0.48 0.00
NEG___GEN_MONROE 24207	39.00 0.04 0.00	35.14 0.04 0.00	31.15 -0.25 0.00	29.48 0.23 0.00	29.77 0.15 0.00	29.97 0.18 0.00	31.79 -0.03 0.00	32.00 -0.19 0.00	29.82 -0.39 0.00	29.56 -0.21 0.00	28.42 -0.35 0.00	29.47 -0.27 0.00	30.90 -0.03 0.00	32.91 0.00 0.00	35.28 0.31 0.00	38.09 0.41 0.00	44.76 0.27 0.00	54.38 0.64 0.00	60.24 0.06 0.00	58.21 -0.12 0.00	53.19 0.42 0.00	45.83 0.09 0.00	41.45 -0.12 0.00	37.61 0.74 0.00
NEPA___ENERGY 23901	38.42 -0.55 0.00	34.82 -0.28 0.00	30.65 -0.75 0.00	29.34 0.09 0.00	29.56 -0.06 0.00	29.82 0.03 0.00	31.54 -0.29 0.00	31.97 -0.23 0.00	29.82 -0.39 0.00	29.71 -0.06 0.00	28.53 -0.23 0.00	29.62 -0.12 0.00	31.18 0.25 0.00	33.17 0.26 0.00	35.45 0.49 0.00	38.28 0.60 0.00	44.72 0.22 0.00	53.84 0.11 0.00	59.09 -1.08 0.00	57.04 -1.28 0.00	52.18 -0.58 0.00	44.96 -0.78 0.00	40.62 -0.96 0.00	37.35 0.48 0.00

NEVERSINK___HYD 23608	40.45 1.48 0.00	36.37 1.26 0.00	32.38 0.97 0.00	30.13 0.88 0.00	30.51 0.89 0.00	30.65 0.86 0.00	32.91 1.08 0.00	33.32 1.13 0.00	31.27 1.06 0.00	30.79 1.01 0.00	29.77 1.01 0.00	30.81 1.07 0.00	32.17 1.24 0.00	34.23 1.32 0.00	36.37 1.40 0.00	39.26 1.58 0.00	46.45 1.96 0.00	55.99 2.26 0.00	62.70 2.53 0.00	60.78 2.45 0.00	55.25 2.48 0.00	47.89 2.15 0.00	43.49 1.91 0.00	38.42 1.55 0.00
NEWKRMKL_115KV_TB1 55635	39.82 0.86 0.00	35.84 0.74 0.00	32.07 0.66 0.00	29.81 0.56 0.00	30.10 0.47 0.00	30.27 0.48 0.00	32.30 0.48 0.00	32.78 0.58 0.00	30.54 0.33 0.00	30.01 0.24 0.00	28.97 0.20 0.00	29.89 0.15 0.00	31.15 0.22 0.00	33.17 0.26 0.00	35.21 0.24 0.00	37.94 0.26 0.00	44.99 0.49 0.00	54.27 0.54 0.00	60.96 0.78 0.00	59.14 0.82 0.00	53.72 0.95 0.00	46.61 0.87 0.00	42.45 0.87 0.00	37.50 0.63 0.00
NEWTON___FALLS_HYD 23847	40.02 1.05 0.00	36.05 0.95 0.00	32.22 0.82 0.00	29.86 0.61 0.00	30.27 0.65 0.00	30.45 0.66 0.00	32.59 0.76 0.00	32.71 0.52 0.00	30.60 0.39 0.00	30.01 0.24 0.00	29.02 0.26 0.00	30.01 0.27 0.00	31.12 0.19 0.00	33.14 0.23 0.00	35.21 0.24 0.00	37.98 0.30 0.00	44.81 0.31 0.00	54.48 0.75 0.00	61.56 1.38 0.00	59.61 1.28 0.00	54.03 1.27 0.00	46.84 1.10 0.00	42.36 0.79 0.00	37.50 0.63 0.00
NGRID_A1_DSASP 323792	38.42 -0.55 0.00	34.75 -0.35 0.00	30.37 -1.04 0.00	28.78 -0.47 0.00	29.50 -0.12 0.00	29.61 -0.18 0.00	31.22 -0.61 0.00	31.14 -1.06 0.00	28.94 -1.27 0.00	29.38 -0.39 0.00	27.84 -0.92 0.00	28.82 -0.92 0.00	30.38 -0.56 0.00	32.45 -0.46 0.00	34.68 -0.28 0.00	37.33 -0.34 0.00	43.52 -0.98 0.00	52.71 -1.02 0.00	57.17 -3.01 0.00	55.12 -3.21 0.00	50.44 -2.32 0.00	43.45 -2.29 0.00	39.50 -2.08 0.00	36.76 -0.11 0.00
NGRID_A2_DSASP 323793	38.42 -0.55 0.00	34.75 -0.35 0.00	30.37 -1.04 0.00	28.78 -0.47 0.00	29.50 -0.12 0.00	29.61 -0.18 0.00	31.22 -0.61 0.00	31.14 -1.06 0.00	28.94 -1.27 0.00	29.38 -0.39 0.00	27.84 -0.92 0.00	28.82 -0.92 0.00	30.38 -0.56 0.00	32.45 -0.46 0.00	34.68 -0.28 0.00	37.33 -0.34 0.00	43.52 -0.98 0.00	52.71 -1.02 0.00	57.17 -3.01 0.00	55.12 -3.21 0.00	50.44 -2.32 0.00	43.45 -2.29 0.00	39.50 -2.08 0.00	36.76 -0.11 0.00
NGRID_A4_DSASP 323807	38.42 -0.55 0.00	34.75 -0.35 0.00	30.37 -1.04 0.00	28.78 -0.47 0.00	29.50 -0.12 0.00	29.61 -0.18 0.00	31.22 -0.61 0.00	31.14 -1.06 0.00	28.94 -1.27 0.00	29.38 -0.39 0.00	27.84 -0.92 0.00	28.82 -0.92 0.00	30.38 -0.56 0.00	32.45 -0.46 0.00	34.68 -0.28 0.00	37.33 -0.34 0.00	43.52 -0.98 0.00	52.71 -1.02 0.00	57.17 -3.01 0.00	55.12 -3.21 0.00	50.44 -2.32 0.00	43.45 -2.29 0.00	39.50 -2.08 0.00	36.76 -0.11 0.00
NIAGARA_115E_LBMP 323715	37.92 -1.05 0.00	34.26 -0.84 0.00	30.90 -0.50 0.00	29.25 0.00 0.00	29.09 -0.53 0.00	29.22 -0.57 0.00	30.81 -1.02 0.00	31.65 -0.55 0.00	29.46 -0.75 0.00	29.06 -0.71 0.00	27.79 -0.98 0.00	28.85 -0.89 0.00	30.41 -0.53 0.00	32.48 -0.43 0.00	34.76 -0.21 0.00	37.41 -0.26 0.00	43.61 -0.89 0.00	52.87 -0.86 0.00	57.41 -2.77 0.00	55.35 -2.97 0.00	50.65 -2.11 0.00	43.59 -2.15 0.00	39.62 -1.95 0.00	37.35 0.48 0.00
NIAGARA_115W_LBMP 323714	38.38 -0.58 0.00	34.72 -0.39 0.00	30.31 -1.10 0.00	28.69 -0.56 0.00	29.47 -0.15 0.00	29.58 -0.21 0.00	31.19 -0.64 0.00	31.04 -1.16 0.00	28.88 -1.33 0.00	29.36 -0.42 0.00	27.79 -0.98 0.00	28.76 -0.98 0.00	30.28 -0.65 0.00	32.35 -0.56 0.00	34.58 -0.38 0.00	37.22 -0.45 0.00	43.39 -1.11 0.00	52.55 -1.18 0.00	56.99 -3.19 0.00	55.00 -3.32 0.00	50.29 -2.48 0.00	43.31 -2.43 0.00	39.37 -2.20 0.00	36.65 -0.22 0.00
NIAGARA_230_LBMP 323716	38.30 -0.66 0.00	34.61 -0.49 0.00	30.71 -0.69 0.00	29.10 -0.15 0.00	29.38 -0.24 0.00	29.49 -0.30 0.00	31.13 -0.70 0.00	31.49 -0.71 0.00	29.30 -0.91 0.00	29.36 -0.42 0.00	28.05 -0.72 0.00	29.11 -0.63 0.00	30.66 -0.28 0.00	32.75 -0.16 0.00	35.00 0.04 0.00	37.64 -0.04 0.00	43.92 -0.58 0.00	53.25 -0.48 0.00	57.83 -2.35 0.00	55.76 -2.57 0.00	50.97 -1.79 0.00	43.95 -1.78 0.00	39.91 -1.66 0.00	37.13 0.26 0.00
NIAGARA___115KV_198_GIBSON 55903	38.34 -0.62 0.00	34.72 -0.39 0.00	30.49 -0.91 0.00	29.25 0.00 0.00	29.47 -0.15 0.00	29.67 -0.12 0.00	30.71 -1.11 0.00	31.72 -0.48 0.00	28.88 -1.33 0.00	29.33 -0.45 0.00	27.76 -1.01 0.00	28.70 -1.04 0.00	30.25 -0.68 0.00	32.22 -0.69 0.00	34.48 -0.49 0.00	37.22 -0.45 0.00	43.34 -1.16 0.00	52.17 -1.56 0.00	56.99 -3.19 0.00	54.83 -3.50 0.00	50.29 -2.48 0.00	43.31 -2.42 0.00	39.33 -2.24 0.00	36.62 -0.26 0.00
NIAGARA____ 23760	38.30 -0.66 0.00	34.61 -0.49 0.00	30.71 -0.69 0.00	29.10 -0.15 0.00	29.38 -0.24 0.00	29.49 -0.30 0.00	31.13 -0.70 0.00	31.49 -0.71 0.00	29.30 -0.91 0.00	29.36 -0.42 0.00	28.05 -0.72 0.00	29.11 -0.63 0.00	30.66 -0.28 0.00	32.75 -0.16 0.00	35.00 0.04 0.00	37.64 -0.04 0.00	43.92 -0.58 0.00	53.25 -0.48 0.00	57.83 -2.35 0.00	55.76 -2.57 0.00	50.97 -1.79 0.00	43.95 -1.78 0.00	39.91 -1.66 0.00	37.13 0.26 0.00
NINE_MILE_1 23575	37.76 -1.21 0.00	34.02 -1.09 0.00	30.56 -0.85 0.00	28.52 -0.73 0.00	28.85 -0.77 0.00	29.02 -0.77 0.00	30.97 -0.86 0.00	31.30 -0.90 0.00	29.30 -0.91 0.00	28.94 -0.83 0.00	27.93 -0.84 0.00	28.91 -0.83 0.00	29.98 -0.96 0.00	31.92 -0.99 0.00	33.92 -1.05 0.00	36.55 -1.13 0.00	43.12 -1.38 0.00	52.17 -1.56 0.00	58.37 -1.80 0.00	56.52 -1.81 0.00	51.29 -1.48 0.00	44.41 -1.33 0.00	40.33 -1.25 0.00	35.88 -0.99 0.00
NINE_MILE_2 23744	37.76 -1.21 0.00	34.02 -1.09 0.00	30.56 -0.85 0.00	28.52 -0.73 0.00	28.85 -0.77 0.00	29.02 -0.77 0.00	30.97 -0.86 0.00	31.30 -0.90 0.00	29.30 -0.91 0.00	28.94 -0.83 0.00	27.93 -0.84 0.00	28.91 -0.83 0.00	29.98 -0.96 0.00	31.92 -0.99 0.00	33.92 -1.05 0.00	36.55 -1.13 0.00	43.12 -1.38 0.00	52.23 -1.50 0.00	58.37 -1.80 0.00	56.52 -1.81 0.00	51.29 -1.48 0.00	44.41 -1.33 0.00	40.33 -1.25 0.00	35.88 -0.99 0.00
NM_CAPITAL___DRP 24208	39.90 0.94 0.00	35.91 0.81 0.00	32.13 0.72 0.00	29.86 0.61 0.00	30.18 0.56 0.00	30.36 0.57 0.00	32.40 0.57 0.00	32.87 0.68 0.00	30.63 0.42 0.00	30.10 0.33 0.00	29.05 0.29 0.00	30.01 0.27 0.00	31.24 0.31 0.00	33.24 0.33 0.00	35.31 0.35 0.00	38.05 0.38 0.00	45.12 0.62 0.00	54.43 0.70 0.00	61.08 0.90 0.00	59.26 0.93 0.00	53.82 1.06 0.00	46.74 1.01 0.00	42.57 1.00 0.00	37.61 0.74 0.00
NM_CENTRAL___DRP 24181	38.38 -0.58 0.00	34.61 -0.49 0.00	31.00 -0.41 0.00	28.99 -0.26 0.00	29.30 -0.33 0.00	29.46 -0.33 0.00	31.44 -0.38 0.00	31.78 -0.42 0.00	29.73 -0.48 0.00	29.36 -0.42 0.00	28.33 -0.43 0.00	29.29 -0.45 0.00	30.50 -0.43 0.00	32.48 -0.43 0.00	34.51 -0.45 0.00	37.18 -0.49 0.00	43.87 -0.62 0.00	53.14 -0.59 0.00	59.45 -0.72 0.00	57.51 -0.82 0.00	52.29 -0.47 0.00	45.24 -0.50 0.00	41.03 -0.54 0.00	36.54 -0.33 0.00

NM_FRONTIER___DRP 24179	38.34 -0.62 0.00	34.72 -0.39 0.00	30.49 -0.91 0.00	29.25 0.00 0.00	29.47 -0.15 0.00	29.67 -0.12 0.00	30.71 -1.11 0.00	31.72 -0.48 0.00	28.88 -1.33 0.00	29.33 -0.45 0.00	27.76 -1.01 0.00	28.70 -1.04 0.00	30.25 -0.68 0.00	32.22 -0.69 0.00	34.48 -0.49 0.00	37.22 -0.45 0.00	43.34 -1.16 0.00	52.17 -1.56 0.00	56.99 -3.19 0.00	54.83 -3.50 0.00	50.29 -2.48 0.00	43.31 -2.42 0.00	39.33 -2.24 0.00	36.62 -0.26 0.00
NM_ST_REGIS___HYD 24053	40.02 1.05 0.00	36.05 0.95 0.00	32.22 0.82 0.00	29.81 0.56 0.00	30.30 0.68 0.00	30.48 0.69 0.00	32.62 0.80 0.00	32.75 0.55 0.00	30.78 0.57 0.00	30.34 0.57 0.00	29.31 0.55 0.00	30.33 0.59 0.00	31.43 0.49 0.00	33.37 0.46 0.00	35.42 0.45 0.00	38.13 0.45 0.00	44.90 0.40 0.00	54.43 0.70 0.00	61.38 1.20 0.00	59.61 1.28 0.00	53.72 0.95 0.00	46.52 0.78 0.00	42.16 0.58 0.00	37.28 0.41 0.00
NORTHPORT___1 23551	41.93 2.96 -0.01	37.67 2.56 0.00	33.23 1.82 0.00	30.77 1.52 0.00	30.87 1.24 0.00	31.13 1.34 0.00	33.77 1.94 0.00	34.39 2.19 0.00	32.50 2.29 0.00	32.37 2.59 -0.01	33.17 2.36 -2.05	33.94 2.41 -1.80	35.90 2.60 -2.37	39.02 2.60 -3.51	39.66 2.66 -2.03	41.02 2.83 -0.52	47.70 3.21 0.00	57.06 3.33 0.00	63.42 3.25 0.00	61.18 2.86 0.00	55.56 2.79 0.00	47.84 2.11 0.00	43.57 2.00 0.00	39.57 2.69 -0.01
NORTHPORT___2 23552	41.93 2.96 -0.01	37.67 2.56 0.00	33.23 1.82 0.00	30.77 1.52 0.00	30.87 1.24 0.00	31.13 1.34 0.00	33.77 1.94 0.00	34.39 2.19 0.00	32.50 2.29 0.00	32.37 2.59 -0.01	33.17 2.36 -2.05	33.94 2.41 -1.80	35.90 2.60 -2.37	39.02 2.60 -3.51	39.66 2.66 -2.03	41.02 2.83 -0.52	47.70 3.21 0.00	57.06 3.33 0.00	63.42 3.25 0.00	61.18 2.86 0.00	55.56 2.79 0.00	47.84 2.11 0.00	43.57 2.00 0.00	39.57 2.69 -0.01
NORTHPORT___3 23553	41.47 2.50 -0.01	37.25 2.14 0.00	32.91 1.51 0.00	30.48 1.23 0.00	30.63 1.01 0.00	30.83 1.04 0.00	33.42 1.59 0.00	34.06 1.87 0.00	32.20 1.99 0.00	32.04 2.26 -0.01	32.88 2.07 -2.05	33.70 2.17 -1.80	35.72 2.41 -2.37	38.79 2.37 -3.51	39.41 2.41 -2.03	40.64 2.45 -0.52	47.21 2.71 0.00	56.42 2.69 0.00	62.70 2.53 0.00	60.49 2.16 0.00	54.82 2.06 0.00	47.34 1.60 0.00	43.11 1.54 0.00	39.28 2.40 -0.01
NORTHPORT___4 23650	41.47 2.50 -0.01	37.25 2.14 0.00	32.91 1.51 0.00	30.48 1.23 0.00	30.63 1.01 0.00	30.83 1.04 0.00	33.42 1.59 0.00	34.06 1.87 0.00	32.20 1.99 0.00	32.04 2.26 -0.01	32.88 2.07 -2.05	33.70 2.17 -1.80	35.72 2.41 -2.37	38.79 2.37 -3.51	39.41 2.41 -2.03	40.64 2.45 -0.52	47.21 2.71 0.00	56.42 2.69 0.00	62.70 2.53 0.00	60.49 2.16 0.00	54.82 2.06 0.00	47.34 1.60 0.00	43.11 1.54 0.00	39.28 2.40 -0.01
NORTHPORT___IC 23718	42.00 3.04 0.00	37.67 2.56 0.00	33.32 1.92 0.00	30.92 1.67 0.00	31.13 1.51 0.00	31.25 1.46 0.00	33.86 2.04 0.00	34.55 2.35 0.00	32.57 2.36 0.00	32.45 2.68 0.00	33.26 2.44 -2.05	34.03 2.50 -1.80	35.90 2.60 -2.37	38.99 2.57 -3.51	39.66 2.66 -2.03	41.06 2.86 -0.52	47.70 3.20 0.00	57.12 3.39 0.00	63.43 3.25 0.00	61.36 3.03 0.00	55.56 2.80 0.00	47.84 2.10 0.00	43.61 2.04 0.00	39.68 2.80 0.00
NORTH___COUNTRY_ESR 323785	39.55 0.59 0.00	35.60 0.49 0.00	31.81 0.41 0.00	29.51 0.26 0.00	29.95 0.33 0.00	30.09 0.30 0.00	32.18 0.35 0.00	32.39 0.19 0.00	30.51 0.30 0.00	30.10 0.33 0.00	29.08 0.32 0.00	30.03 0.30 0.00	31.18 0.25 0.00	33.11 0.20 0.00	35.11 0.14 0.00	37.75 0.08 0.00	44.45 -0.04 0.00	53.78 0.05 0.00	60.48 0.30 0.00	58.62 0.29 0.00	52.66 -0.11 0.00	45.51 -0.23 0.00	41.24 -0.33 0.00	36.43 -0.44 0.00
NPX_GEN_1385_PROXY 323591	41.78 2.81 -0.01	37.53 2.42 0.00	33.23 1.82 0.00	30.77 1.52 0.00	30.69 1.06 0.00	31.13 1.34 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.20 1.99 0.00	32.07 2.29 -0.01	32.74 1.93 -2.05	33.41 1.87 -1.80	34.60 2.04 -1.62	36.50 2.01 -1.58	39.03 2.03 -2.03	40.64 2.45 -0.52	47.08 2.58 0.00	56.31 2.58 0.00	62.76 2.59 0.00	60.78 2.45 0.00	55.35 2.58 0.00	47.52 1.78 0.00	43.28 1.71 0.00	39.42 2.54 -0.01
NPX_GEN_CSC 323557	42.36 3.39 -0.01	37.98 2.88 0.00	33.23 1.82 0.00	30.74 1.49 0.00	30.84 1.21 0.00	31.04 1.25 0.00	34.09 2.26 0.00	34.77 2.58 0.00	32.96 2.75 0.00	32.94 3.15 -0.01	33.66 2.85 -2.05	34.21 2.68 -1.80	36.12 2.81 -2.37	39.25 2.83 -3.51	39.87 2.87 -2.03	41.36 3.17 -0.52	48.15 3.65 0.00	57.71 3.98 0.00	64.03 3.85 0.00	61.71 3.38 0.00	56.04 3.27 0.00	48.07 2.33 0.00	43.78 2.20 0.00	39.54 2.66 -0.01
NSINS_S_GLNS_FALLS 23858	40.37 1.40 0.00	36.44 1.33 0.00	32.60 1.19 0.00	30.22 0.97 0.00	30.72 1.10 0.00	30.92 1.13 0.00	33.00 1.18 0.00	33.36 1.16 0.00	31.54 1.33 0.00	30.87 1.10 0.00	29.45 0.69 0.00	30.39 0.65 0.00	31.62 0.68 0.00	33.80 0.89 0.00	36.01 1.05 0.00	38.13 0.45 0.00	45.30 0.80 0.00	54.81 1.07 0.00	62.64 2.47 0.00	61.01 2.68 0.00	55.72 2.95 0.00	48.12 2.38 0.00	43.86 2.29 0.00	38.72 1.84 0.00
NUCOR_STEEL___DRP 24197	38.93 -0.04 0.00	35.10 0.00 0.00	31.34 -0.06 0.00	29.37 0.12 0.00	29.68 0.06 0.00	29.85 0.06 0.00	31.83 0.00 0.00	32.10 -0.10 0.00	30.00 -0.21 0.00	29.62 -0.15 0.00	28.56 -0.20 0.00	29.53 -0.21 0.00	30.78 -0.15 0.00	32.78 -0.13 0.00	34.86 -0.10 0.00	37.64 -0.04 0.00	44.45 -0.04 0.00	53.95 0.21 0.00	60.36 0.18 0.00	58.39 0.06 0.00	53.19 0.42 0.00	45.97 0.23 0.00	41.66 0.08 0.00	37.13 0.26 0.00
NUMBER_THREE_WT_PWR 323818	40.17 1.21 0.00	36.19 1.09 0.00	32.41 1.00 0.00	30.10 0.85 0.00	30.45 0.83 0.00	30.62 0.83 0.00	32.75 0.92 0.00	32.88 0.68 0.00	30.69 0.48 0.00	29.98 0.21 0.00	28.97 0.20 0.00	29.97 0.24 0.00	31.09 0.16 0.00	33.14 0.23 0.00	35.24 0.28 0.00	38.05 0.38 0.00	44.99 0.49 0.00	54.81 1.07 0.00	61.98 1.80 0.00	59.72 1.40 0.00	54.30 1.53 0.00	47.02 1.28 0.00	42.49 0.91 0.00	37.61 0.74 0.00
NYISO_LBMP_REFERENCE 24008	38.97 0.00 0.00	35.10 0.00 0.00	31.41 0.00 0.00	29.25 0.00 0.00	29.62 0.00 0.00	29.79 0.00 0.00	31.83 0.00 0.00	32.20 0.00 0.00	30.21 0.00 0.00	29.77 0.00 0.00	28.76 0.00 0.00	29.74 0.00 0.00	30.93 0.00 0.00	32.91 0.00 0.00	34.97 0.00 0.00	37.67 0.00 0.00	44.50 0.00 0.00	53.73 0.00 0.00	60.18 0.00 0.00	58.33 0.00 0.00	52.77 0.00 0.00	45.74 0.00 0.00	41.57 0.00 0.00	36.87 0.00 0.00
NYPA_BRENTWD____GT 24164	42.40 3.43 -0.01	38.05 2.95 0.00	33.51 2.10 0.00	31.03 1.78 0.00	31.16 1.54 0.00	31.37 1.58 0.00	34.09 2.26 0.00	34.71 2.51 0.00	32.84 2.63 0.00	32.76 2.98 -0.01	33.55 2.73 -2.05	34.36 2.83 -1.80	36.34 3.03 -2.37	39.51 3.09 -3.51	40.21 3.21 -2.03	41.73 3.54 -0.52	48.55 4.05 0.00	58.14 4.41 0.00	64.51 4.34 0.00	62.24 3.91 0.00	56.46 3.69 0.00	48.62 2.88 0.00	44.27 2.70 0.00	40.09 3.21 -0.01

NYPA_GOWANUS____GT5 24156	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NYPA_GOWANUS____GT6 24157	41.58 2.61 -0.01	37.36 2.25 -0.01	33.27 1.85 -0.01	30.92 1.67 -0.01	31.23 1.60 -0.01	31.41 1.61 -0.01	33.67 1.85 0.00	34.06 1.87 0.00	32.08 1.87 0.00	31.89 2.11 0.00	30.90 2.13 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.52 2.60 -0.01	37.70 2.73 -0.01	40.66 2.98 -0.01	48.01 3.51 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.71 2.97 0.00	44.66 3.08 -0.01	39.46 2.58 -0.01
NYPA_HARLEM__RVR__GT1 24160	41.35 2.38 -0.01	37.11 2.00 -0.01	33.01 1.60 -0.01	30.69 1.43 -0.01	30.99 1.36 -0.01	31.26 1.46 -0.01	33.51 1.69 0.00	33.90 1.71 0.00	31.93 1.72 0.00	31.74 1.96 0.00	30.84 2.07 -0.01	31.95 2.20 -0.01	33.39 2.44 -0.01	35.45 2.53 -0.01	37.63 2.66 -0.01	40.58 2.90 -0.01	47.74 3.25 0.00	56.36 2.63 0.00	62.45 2.29 0.01	60.42 2.10 0.01	54.92 2.16 0.01	48.44 2.70 0.00	44.32 2.74 -0.01	39.21 2.32 -0.01
NYPA_HARLEM__RVR__GT2 24161	41.35 2.38 -0.01	37.11 2.00 -0.01	33.01 1.60 -0.01	30.69 1.43 -0.01	30.99 1.36 -0.01	31.26 1.46 -0.01	33.51 1.69 0.00	33.90 1.71 0.00	31.93 1.72 0.00	31.74 1.96 0.00	30.84 2.07 -0.01	31.95 2.20 -0.01	33.39 2.44 -0.01	35.45 2.53 -0.01	37.63 2.66 -0.01	40.58 2.90 -0.01	47.74 3.25 0.00	56.36 2.63 0.00	62.45 2.29 0.01	60.42 2.10 0.01	54.92 2.16 0.01	48.44 2.70 0.00	44.32 2.74 -0.01	39.21 2.32 -0.01
NYPA_KENT____GT 24152	41.47 2.50 -0.01	37.25 2.14 -0.01	33.17 1.76 -0.01	30.84 1.58 -0.01	31.14 1.51 -0.01	31.35 1.55 -0.01	33.61 1.78 0.00	34.03 1.83 0.00	32.05 1.84 0.00	31.86 2.08 0.00	30.87 2.10 -0.01	32.00 2.26 -0.01	33.45 2.50 -0.01	35.49 2.57 -0.01	37.63 2.66 -0.01	40.62 2.94 -0.01	47.88 3.38 0.00	56.85 3.12 0.00	63.07 2.89 0.00	61.06 2.74 0.01	55.45 2.69 0.00	48.57 2.84 0.00	44.49 2.91 -0.01	39.32 2.43 -0.01
NYPA_POUCH1____GT 24155	41.66 2.69 -0.01	37.43 2.32 -0.01	33.33 1.92 -0.01	30.98 1.73 -0.01	31.29 1.66 -0.01	31.47 1.67 -0.01	33.70 1.88 0.00	34.06 1.87 0.00	32.05 1.84 0.00	31.86 2.08 0.00	30.84 2.07 -0.01	31.98 2.23 -0.01	33.42 2.48 -0.01	35.49 2.57 -0.01	37.67 2.69 -0.01	40.66 2.98 -0.01	48.06 3.56 0.00	57.02 3.28 -0.01	63.18 3.01 0.00	61.18 2.86 0.01	55.56 2.79 0.00	48.80 3.06 0.00	44.70 3.12 -0.01	39.54 2.66 -0.01
NYPA_VERNON____GT2 24162	41.35 2.38 -0.01	37.11 2.00 -0.01	33.08 1.66 -0.01	30.75 1.49 -0.01	31.05 1.42 -0.01	31.29 1.49 -0.01	33.54 1.72 0.00	34.03 1.83 0.00	32.05 1.84 0.00	31.83 2.05 0.00	30.87 2.10 -0.01	31.98 2.23 -0.01	33.42 2.48 -0.01	35.45 2.53 -0.01	37.60 2.62 -0.01	40.54 2.86 -0.01	47.74 3.25 0.00	56.68 2.95 0.00	62.95 2.77 0.00	60.88 2.56 0.01	55.35 2.58 0.00	48.48 2.74 0.00	44.37 2.79 -0.01	39.21 2.32 -0.01
NYPA_VERNON____GT3 24163	41.35 2.38 -0.01	37.11 2.00 -0.01	33.08 1.66 -0.01	30.75 1.49 -0.01	31.05 1.42 -0.01	31.29 1.49 -0.01	33.54 1.72 0.00	34.03 1.83 0.00	32.05 1.84 0.00	31.83 2.05 0.00	30.87 2.10 -0.01	31.98 2.23 -0.01	33.42 2.48 -0.01	35.45 2.53 -0.01	37.60 2.62 -0.01	40.54 2.86 -0.01	47.74 3.25 0.00	56.68 2.95 0.00	62.95 2.77 0.00	60.88 2.56 0.01	55.35 2.58 0.00	48.48 2.74 0.00	44.37 2.79 -0.01	39.21 2.32 -0.01
NYPA__ASTORIA_CC1 323568	41.31 2.34 -0.01	37.11 2.00 -0.01	33.05 1.63 -0.01	30.72 1.46 -0.01	31.05 1.42 -0.01	31.26 1.46 -0.01	33.51 1.69 0.00	33.97 1.77 0.00	32.02 1.81 0.00	31.80 2.03 0.00	30.87 2.10 -0.01	31.95 2.20 -0.01	33.39 2.44 -0.01	35.42 2.50 -0.01	37.56 2.59 -0.01	40.51 2.83 -0.01	47.70 3.21 0.00	56.58 2.85 0.00	62.76 2.59 0.00	60.71 2.39 0.01	55.19 2.43 0.00	48.39 2.65 0.00	44.32 2.74 -0.01	39.17 2.29 -0.01
NYPA__ASTORIA_CC2 323569	41.31 2.34 -0.01	37.11 2.00 -0.01	33.05 1.63 -0.01	30.72 1.46 -0.01	31.05 1.42 -0.01	31.26 1.46 -0.01	33.51 1.69 0.00	33.97 1.77 0.00	32.02 1.81 0.00	31.80 2.03 0.00	30.87 2.10 -0.01	31.95 2.20 -0.01	33.39 2.44 -0.01	35.42 2.50 -0.01	37.56 2.59 -0.01	40.51 2.83 -0.01	47.70 3.21 0.00	56.58 2.85 0.00	62.76 2.59 0.00	60.71 2.39 0.01	55.19 2.43 0.00	48.39 2.65 0.00	44.32 2.74 -0.01	39.17 2.29 -0.01
NYPA__HOLTSVILL 23794	42.21 3.23 -0.01	37.88 2.77 0.00	33.29 1.88 0.00	30.83 1.58 0.00	30.96 1.33 0.00	31.16 1.37 0.00	33.93 2.10 0.00	34.58 2.38 0.00	32.75 2.54 0.00	32.67 2.89 -0.01	33.46 2.64 -2.05	34.18 2.65 -1.80	36.09 2.79 -2.37	39.25 2.83 -3.51	39.94 2.94 -2.03	41.43 3.24 -0.52	48.19 3.69 0.00	57.71 3.98 0.00	63.97 3.79 0.00	61.71 3.38 0.00	56.04 3.27 0.00	48.21 2.47 0.00	43.90 2.33 0.00	39.72 2.84 -0.01
NYPA____HELLGATE_GT1 24158	41.35 2.38 -0.01	37.11 2.00 -0.01	33.01 1.60 -0.01	30.69 1.43 -0.01	30.99 1.36 -0.01	31.26 1.46 -0.01	33.51 1.69 0.00	33.90 1.71 0.00	31.93 1.72 0.00	31.74 1.96 0.00	30.84 2.07 -0.01	31.95 2.20 -0.01	33.39 2.44 -0.01	35.45 2.53 -0.01	37.63 2.66 -0.01	40.58 2.90 -0.01	47.74 3.25 0.00	56.36 2.63 0.00	62.45 2.29 0.01	60.42 2.10 0.01	54.92 2.16 0.01	48.44 2.70 0.00	44.32 2.74 -0.01	39.21 2.32 -0.01
NYPA____HELLGATE_GT2 24159	41.35 2.38 -0.01	37.11 2.00 -0.01	33.01 1.60 -0.01	30.69 1.43 -0.01	30.99 1.36 -0.01	31.26 1.46 -0.01	33.51 1.69 0.00	33.90 1.71 0.00	31.93 1.72 0.00	31.74 1.96 0.00	30.84 2.07 -0.01	31.95 2.20 -0.01	33.39 2.44 -0.01	35.45 2.53 -0.01	37.63 2.66 -0.01	40.58 2.90 -0.01	47.74 3.25 0.00	56.36 2.63 0.00	62.45 2.29 0.01	60.42 2.10 0.01	54.92 2.16 0.01	48.44 2.70 0.00	44.32 2.74 -0.01	39.21 2.32 -0.01
NYS_BARGE__HYD 23848	38.46 -0.51 0.00	34.75 -0.35 0.00	31.15 -0.25 0.00	29.48 0.23 0.00	29.47 -0.15 0.00	29.61 -0.18 0.00	31.25 -0.57 0.00	31.91 -0.29 0.00	29.67 -0.54 0.00	29.42 -0.36 0.00	28.16 -0.61 0.00	29.26 -0.48 0.00	30.84 -0.09 0.00	32.98 0.07 0.00	35.24 0.28 0.00	37.97 0.30 0.00	44.32 -0.18 0.00	53.73 0.00 0.00	58.43 -1.75 0.00	56.40 -1.92 0.00	51.55 -1.21 0.00	44.41 -1.33 0.00	40.28 -1.29 0.00	37.72 0.85 0.00
OAK ORCHARD__HYD 24046	38.97 0.00 0.00	35.07 -0.04 0.00	31.34 -0.06 0.00	29.43 0.18 0.00	29.74 0.12 0.00	29.88 0.09 0.00	31.73 -0.10 0.00	32.01 -0.19 0.00	29.88 -0.33 0.00	29.65 -0.12 0.00	28.56 -0.20 0.00	29.68 -0.06 0.00	31.06 0.12 0.00	33.14 0.23 0.00	35.42 0.45 0.00	38.16 0.49 0.00	44.94 0.44 0.00	54.64 0.91 0.00	60.36 0.18 0.00	58.27 -0.06 0.00	53.08 0.32 0.00	45.78 0.05 0.00	41.45 -0.12 0.00	37.46 0.59 0.00

OAKDALE___35_KV_LOAD 356122	38.97 0.00 0.00	35.14 0.04 0.00	31.31 -0.09 0.00	29.40 0.15 0.00	29.71 0.09 0.00	29.88 0.09 0.00	31.86 0.03 0.00	32.23 0.03 0.00	30.15 -0.06 0.00	29.77 0.00 0.00	28.71 -0.06 0.00	29.71 -0.03 0.00	31.00 0.06 0.00	32.98 0.07 0.00	35.07 0.10 0.00	37.86 0.19 0.00	44.63 0.13 0.00	54.00 0.27 0.00	60.18 0.00 0.00	58.33 0.00 0.00	53.08 0.32 0.00	45.88 0.14 0.00	41.62 0.04 0.00	37.21 0.33 0.00
OCC_CHEM___DRP 24175	38.38 -0.58 0.00	34.75 -0.35 0.00	30.53 -0.88 0.00	29.28 0.03 0.00	29.50 -0.12 0.00	29.70 -0.09 0.00	30.81 -1.02 0.00	31.75 -0.45 0.00	28.97 -1.24 0.00	29.39 -0.39 0.00	27.84 -0.92 0.00	28.76 -0.98 0.00	30.32 -0.62 0.00	32.32 -0.59 0.00	34.58 -0.38 0.00	37.34 -0.34 0.00	43.47 -1.02 0.00	52.33 -1.40 0.00	57.11 -3.07 0.00	55.00 -3.32 0.00	50.44 -2.32 0.00	43.45 -2.29 0.00	39.45 -2.12 0.00	36.73 -0.15 0.00
OH_GEN_PROXY 24063	38.27 -0.70 0.00	34.58 -0.53 0.00	30.71 -0.69 0.00	29.08 -0.17 0.00	29.35 -0.27 0.00	29.49 -0.30 0.00	31.10 -0.73 0.00	31.49 -0.71 0.00	29.27 -0.94 0.00	29.36 -0.42 0.00	28.07 -0.69 0.00	29.11 -0.63 0.00	30.66 -0.28 0.00	32.75 -0.16 0.00	35.00 0.04 0.00	37.64 -0.04 0.00	43.96 -0.53 0.00	53.30 -0.43 0.00	57.89 -2.29 0.00	55.82 -2.51 0.00	51.07 -1.69 0.00	44.00 -1.74 0.00	39.95 -1.62 0.00	37.10 0.22 0.00
OLIN_CORP_DRP 24177	37.95 -1.01 0.00	34.37 -0.74 0.00	30.18 -1.22 0.00	28.96 -0.29 0.00	29.18 -0.44 0.00	29.37 -0.42 0.00	31.35 -0.48 0.00	31.39 -0.80 0.00	29.45 -0.76 0.00	29.12 -0.65 0.00	27.84 -0.92 0.00	28.88 -0.86 0.00	30.44 -0.49 0.00	32.42 -0.49 0.00	34.72 -0.24 0.00	37.49 -0.19 0.00	43.70 -0.80 0.00	52.60 -1.13 0.00	57.47 -2.71 0.00	55.35 -2.97 0.00	50.76 -2.01 0.00	43.73 -2.01 0.00	39.66 -1.91 0.00	37.32 0.44 0.00
OLIN_CORP_DSASP 323712	38.42 -0.55 0.00	34.75 -0.35 0.00	30.37 -1.04 0.00	28.78 -0.47 0.00	29.50 -0.12 0.00	29.61 -0.18 0.00	31.22 -0.61 0.00	31.14 -1.06 0.00	28.94 -1.27 0.00	29.38 -0.39 0.00	27.84 -0.92 0.00	28.82 -0.92 0.00	30.38 -0.56 0.00	32.45 -0.46 0.00	34.68 -0.28 0.00	37.33 -0.34 0.00	43.52 -0.98 0.00	52.71 -1.02 0.00	57.17 -3.01 0.00	55.12 -3.21 0.00	50.44 -2.32 0.00	43.45 -2.29 0.00	39.50 -2.08 0.00	36.76 -0.11 0.00
ONEIDA_HERK_LFGE 323681	39.90 0.93 0.00	35.95 0.84 0.00	32.19 0.79 0.00	29.92 0.67 0.00	30.27 0.65 0.00	30.44 0.65 0.00	32.56 0.73 0.00	32.81 0.61 0.00	30.66 0.45 0.00	30.01 0.24 0.00	28.99 0.23 0.00	30.00 0.27 0.00	31.15 0.22 0.00	33.21 0.30 0.00	35.31 0.35 0.00	38.13 0.45 0.00	45.12 0.62 0.00	54.81 1.07 0.00	61.68 1.51 0.00	59.67 1.34 0.00	54.24 1.48 0.00	46.97 1.24 0.00	42.53 0.96 0.00	37.65 0.78 0.00
ONEIDA___115KV_TB4 55905	39.78 0.82 0.00	35.84 0.74 0.00	32.07 0.66 0.00	29.89 0.64 0.00	30.24 0.62 0.00	30.39 0.60 0.00	32.46 0.64 0.00	32.75 0.55 0.00	30.57 0.36 0.00	29.98 0.21 0.00	28.97 0.20 0.00	29.95 0.21 0.00	31.12 0.19 0.00	33.21 0.30 0.00	35.31 0.35 0.00	38.13 0.45 0.00	45.12 0.62 0.00	54.75 1.02 0.00	61.56 1.38 0.00	59.67 1.34 0.00	54.30 1.53 0.00	47.02 1.28 0.00	42.57 1.00 0.00	37.76 0.88 0.00
ONONDAGA_REF_OCCRA 23987	38.54 -0.43 0.00	34.75 -0.35 0.00	31.09 -0.31 0.00	29.07 -0.18 0.00	29.38 -0.24 0.00	29.55 -0.24 0.00	31.54 -0.29 0.00	31.88 -0.32 0.00	29.82 -0.39 0.00	29.45 -0.33 0.00	28.42 -0.35 0.00	29.38 -0.36 0.00	30.59 -0.34 0.00	32.58 -0.33 0.00	34.62 -0.35 0.00	37.30 -0.38 0.00	44.05 -0.44 0.00	53.35 -0.38 0.00	59.76 -0.42 0.00	57.80 -0.52 0.00	52.55 -0.21 0.00	45.46 -0.27 0.00	41.24 -0.33 0.00	36.69 -0.18 0.00
ONONDAGA___COGEN 23986	38.61 -0.35 0.00	34.79 -0.32 0.00	31.12 -0.28 0.00	29.13 -0.12 0.00	29.44 -0.18 0.00	29.61 -0.18 0.00	31.57 -0.25 0.00	31.91 -0.29 0.00	29.85 -0.36 0.00	29.47 -0.30 0.00	28.45 -0.32 0.00	29.41 -0.33 0.00	30.59 -0.34 0.00	32.62 -0.30 0.00	34.65 -0.31 0.00	37.37 -0.30 0.00	44.14 -0.36 0.00	53.46 -0.27 0.00	59.82 -0.36 0.00	57.92 -0.41 0.00	52.61 -0.16 0.00	45.51 -0.23 0.00	41.28 -0.29 0.00	36.76 -0.11 0.00
ONTARIO___LFGE 23819	39.24 0.27 0.00	35.32 0.21 0.00	31.56 0.16 0.00	29.60 0.35 0.00	29.89 0.27 0.00	30.06 0.27 0.00	31.99 0.16 0.00	32.26 0.06 0.00	30.09 -0.12 0.00	29.77 0.00 0.00	28.65 -0.11 0.00	29.68 -0.06 0.00	31.00 0.06 0.00	33.08 0.17 0.00	35.24 0.28 0.00	38.05 0.38 0.00	44.90 0.40 0.00	54.48 0.75 0.00	60.60 0.42 0.00	58.68 0.35 0.00	53.50 0.74 0.00	46.15 0.41 0.00	41.95 0.37 0.00	37.65 0.78 0.00
ORANGEVILLE_WT_PWR 323706	38.73 -0.23 0.00	35.00 -0.10 0.00	31.12 -0.28 0.00	29.40 0.15 0.00	29.65 0.03 0.00	29.82 0.03 0.00	31.54 -0.29 0.00	31.84 -0.35 0.00	29.61 -0.60 0.00	29.45 -0.33 0.00	28.22 -0.55 0.00	29.29 -0.45 0.00	30.81 -0.12 0.00	32.94 0.03 0.00	35.11 0.14 0.00	37.86 0.19 0.00	44.32 -0.18 0.00	53.78 0.05 0.00	58.97 -1.20 0.00	57.22 -1.11 0.00	52.34 -0.42 0.00	45.10 -0.64 0.00	40.87 -0.71 0.00	37.61 0.74 0.00
ORANGEVILLE___ESR 323794	38.73 -0.23 0.00	35.00 -0.10 0.00	31.12 -0.28 0.00	29.40 0.15 0.00	29.65 0.03 0.00	29.82 0.03 0.00	31.54 -0.29 0.00	31.84 -0.35 0.00	29.61 -0.60 0.00	29.45 -0.33 0.00	28.22 -0.55 0.00	29.29 -0.45 0.00	30.81 -0.12 0.00	32.94 0.03 0.00	35.11 0.14 0.00	37.86 0.19 0.00	44.32 -0.18 0.00	53.78 0.05 0.00	58.97 -1.20 0.00	57.22 -1.11 0.00	52.34 -0.42 0.00	45.10 -0.64 0.00	40.87 -0.71 0.00	37.61 0.74 0.00
OSWEGATCHIE___HYD 24044	40.02 1.05 0.00	36.05 0.95 0.00	32.25 0.85 0.00	29.87 0.62 0.00	30.27 0.65 0.00	30.48 0.69 0.00	32.59 0.76 0.00	32.71 0.51 0.00	30.63 0.42 0.00	30.04 0.27 0.00	29.02 0.26 0.00	30.00 0.27 0.00	31.12 0.19 0.00	33.14 0.23 0.00	35.21 0.25 0.00	37.97 0.30 0.00	44.81 0.31 0.00	54.48 0.75 0.00	61.56 1.39 0.00	59.61 1.28 0.00	54.03 1.26 0.00	46.83 1.10 0.00	42.36 0.79 0.00	37.50 0.63 0.00
OSWEGO___5 23606	38.03 -0.94 0.00	34.30 -0.81 0.00	30.78 -0.63 0.00	28.72 -0.53 0.00	29.06 -0.56 0.00	29.19 -0.60 0.00	31.16 -0.67 0.00	31.49 -0.71 0.00	29.48 -0.73 0.00	29.12 -0.66 0.00	28.13 -0.63 0.00	29.08 -0.65 0.00	30.19 -0.74 0.00	32.16 -0.76 0.00	34.16 -0.80 0.00	36.85 -0.83 0.00	43.48 -1.02 0.00	52.60 -1.13 0.00	58.80 -1.38 0.00	56.99 -1.34 0.00	51.71 -1.05 0.00	44.73 -1.01 0.00	40.62 -0.95 0.00	36.14 -0.74 0.00
OSWEGO___6 23613	38.03 -0.94 0.00	34.30 -0.81 0.00	30.78 -0.63 0.00	28.72 -0.53 0.00	29.06 -0.56 0.00	29.19 -0.60 0.00	31.16 -0.67 0.00	31.49 -0.71 0.00	29.48 -0.73 0.00	29.12 -0.66 0.00	28.13 -0.63 0.00	29.08 -0.65 0.00	30.19 -0.74 0.00	32.16 -0.76 0.00	34.16 -0.80 0.00	36.85 -0.83 0.00	43.48 -1.02 0.00	52.60 -1.13 0.00	58.80 -1.38 0.00	56.99 -1.34 0.00	51.71 -1.05 0.00	44.73 -1.01 0.00	40.62 -0.95 0.00	36.14 -0.74 0.00

OUTOKUMPU-AB___DRP 24206	38.77 -0.19 0.00	35.10 0.00 0.00	30.84 -0.57 0.00	29.54 0.29 0.00	29.77 0.15 0.00	30.00 0.21 0.00	31.54 -0.29 0.00	32.07 -0.13 0.00	29.67 -0.54 0.00	29.74 -0.03 0.00	28.39 -0.37 0.00	29.41 -0.33 0.00	31.06 0.12 0.00	33.08 0.16 0.00	35.42 0.45 0.00	38.28 0.60 0.00	44.59 0.09 0.00	53.68 -0.05 0.00	58.73 -1.44 0.00	56.58 -1.75 0.00	51.87 -0.90 0.00	44.59 -1.14 0.00	40.41 -1.16 0.00	37.61 0.74 0.00
OXBOW___BTM 323836	38.69 -0.27 0.00	35.00 -0.10 0.00	30.74 -0.66 0.00	29.13 -0.12 0.00	29.68 0.06 0.00	29.82 0.03 0.00	31.45 -0.38 0.00	31.52 -0.68 0.00	29.36 -0.85 0.00	29.62 -0.15 0.00	28.16 -0.61 0.00	29.20 -0.53 0.00	30.81 -0.12 0.00	32.94 0.03 0.00	35.21 0.25 0.00	37.90 0.23 0.00	44.19 -0.31 0.00	53.52 -0.21 0.00	58.13 -2.05 0.00	56.11 -2.22 0.00	51.23 -1.53 0.00	44.14 -1.60 0.00	40.08 -1.49 0.00	37.28 0.41 0.00
OXBOW___ 24026	38.61 -0.35 0.00	35.00 -0.11 0.00	30.71 -0.69 0.00	29.45 0.20 0.00	29.68 0.06 0.00	29.88 0.09 0.00	31.22 -0.60 0.00	31.97 -0.23 0.00	29.36 -0.85 0.00	29.59 -0.18 0.00	28.16 -0.60 0.00	29.14 -0.59 0.00	30.75 -0.19 0.00	32.78 -0.13 0.00	35.10 0.14 0.00	37.90 0.23 0.00	44.14 -0.36 0.00	53.14 -0.59 0.00	58.07 -2.11 0.00	55.94 -2.39 0.00	51.24 -1.53 0.00	44.14 -1.60 0.00	39.99 -1.58 0.00	37.24 0.37 0.00
OXY_CHEM_DSASP 323612	38.38 -0.58 0.00	34.75 -0.35 0.00	30.53 -0.88 0.00	29.28 0.03 0.00	29.50 -0.12 0.00	29.70 -0.09 0.00	30.81 -1.02 0.00	31.75 -0.45 0.00	28.97 -1.24 0.00	29.39 -0.39 0.00	27.84 -0.92 0.00	28.76 -0.98 0.00	30.32 -0.62 0.00	32.32 -0.59 0.00	34.58 -0.38 0.00	37.34 -0.34 0.00	43.47 -1.02 0.00	52.33 -1.40 0.00	57.11 -3.07 0.00	55.00 -3.32 0.00	50.44 -2.32 0.00	43.45 -2.29 0.00	39.45 -2.12 0.00	36.73 -0.15 0.00
OZONE_PARK_ESR 323760	41.50 2.53 0.00	37.25 2.14 0.00	33.23 1.82 0.00	30.92 1.67 0.00	31.22 1.60 0.00	31.43 1.64 0.00	33.80 1.97 0.00	34.39 2.19 0.00	32.38 2.18 0.00	32.04 2.26 0.00	31.07 2.30 0.00	32.18 2.44 0.00	33.53 2.60 0.00	35.54 2.63 0.00	37.73 2.76 0.00	40.69 3.01 0.00	48.06 3.56 0.00	57.38 3.65 0.00	63.91 3.73 0.00	61.88 3.56 0.00	56.14 3.38 0.00	48.85 3.11 0.00	44.57 2.99 0.00	39.35 2.47 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.38 -0.58 0.00	34.75 -0.35 0.00	30.53 -0.88 0.00	29.28 0.03 0.00	29.50 -0.12 0.00	29.70 -0.09 0.00	30.81 -1.02 0.00	31.75 -0.45 0.00	28.97 -1.24 0.00	29.39 -0.39 0.00	27.84 -0.92 0.00	28.76 -0.98 0.00	30.32 -0.62 0.00	32.32 -0.59 0.00	34.58 -0.38 0.00	37.34 -0.34 0.00	43.47 -1.02 0.00	52.33 -1.40 0.00	57.11 -3.07 0.00	55.00 -3.32 0.00	50.44 -2.32 0.00	43.45 -2.29 0.00	39.45 -2.12 0.00	36.73 -0.15 0.00
PACKARD___115KV_DUPONT_184 80571	38.38 -0.58 0.00	34.75 -0.35 0.00	30.53 -0.88 0.00	29.28 0.03 0.00	29.50 -0.12 0.00	29.70 -0.09 0.00	30.81 -1.02 0.00	31.75 -0.45 0.00	28.97 -1.24 0.00	29.39 -0.39 0.00	27.84 -0.92 0.00	28.76 -0.98 0.00	30.32 -0.62 0.00	32.32 -0.59 0.00	34.58 -0.38 0.00	37.34 -0.34 0.00	43.47 -1.02 0.00	52.33 -1.40 0.00	57.11 -3.07 0.00	55.00 -3.32 0.00	50.44 -2.32 0.00	43.45 -2.29 0.00	39.45 -2.12 0.00	36.73 -0.15 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.38 2.42 0.00	37.14 2.04 0.00	33.13 1.73 0.00	30.80 1.55 0.00	31.13 1.51 0.00	31.34 1.55 0.00	33.64 1.81 0.00	34.00 1.80 0.00	31.99 1.78 0.00	31.80 2.02 0.00	30.92 2.16 0.00	32.00 2.26 0.00	33.38 2.44 0.00	35.41 2.50 0.00	37.62 2.66 0.00	40.58 2.90 0.00	47.79 3.29 0.00	56.42 2.69 0.00	62.52 2.35 0.00	60.54 2.22 0.00	55.03 2.27 0.00	48.39 2.65 0.00	44.36 2.79 0.00	39.23 2.36 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.85 2.88 0.00	37.56 2.46 0.00	33.51 2.10 0.00	31.15 1.90 0.00	31.52 1.90 0.00	31.73 1.94 0.00	34.05 2.23 0.00	34.42 2.22 0.00	32.35 2.14 0.00	32.15 2.38 0.00	31.27 2.50 0.00	32.35 2.62 0.00	33.75 2.82 0.00	35.81 2.90 0.00	38.04 3.08 0.00	41.07 3.39 0.00	48.37 3.87 0.00	57.22 3.49 0.00	63.43 3.25 0.00	61.42 3.09 0.00	55.77 3.01 0.00	49.03 3.29 0.00	44.94 3.37 0.00	39.75 2.88 0.00
PATROON___115KV_TB1 80586	39.90 0.94 0.00	35.91 0.81 0.00	32.13 0.72 0.00	29.86 0.61 0.00	30.18 0.56 0.00	30.36 0.57 0.00	32.40 0.57 0.00	32.84 0.64 0.00	30.60 0.39 0.00	30.07 0.30 0.00	29.02 0.26 0.00	29.98 0.24 0.00	31.21 0.28 0.00	33.24 0.33 0.00	35.31 0.35 0.00	38.05 0.38 0.00	45.12 0.62 0.00	54.43 0.70 0.00	61.14 0.96 0.00	59.38 1.05 0.00	53.87 1.11 0.00	46.74 1.01 0.00	42.61 1.04 0.00	37.61 0.74 0.00
PATTRSNVILLE___SOLAR 323815	40.41 1.44 0.00	36.37 1.26 0.00	32.47 1.07 0.00	30.25 1.00 0.00	30.66 1.04 0.00	30.83 1.04 0.00	32.88 1.05 0.00	33.13 0.93 0.00	30.69 0.48 0.00	30.01 0.24 0.00	28.88 0.12 0.00	29.83 0.09 0.00	31.06 0.12 0.00	33.11 0.20 0.00	35.24 0.28 0.00	38.09 0.42 0.00	45.17 0.67 0.00	54.75 1.02 0.00	62.04 1.87 0.00	60.54 2.22 0.00	55.14 2.38 0.00	47.75 2.01 0.00	43.45 1.87 0.00	38.46 1.58 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.19 -0.78 0.00	34.58 -0.53 0.00	30.40 -1.00 0.00	29.10 -0.15 0.00	29.32 -0.30 0.00	29.55 -0.24 0.00	31.32 -0.51 0.00	31.72 -0.48 0.00	29.61 -0.60 0.00	29.47 -0.30 0.00	28.30 -0.46 0.00	29.38 -0.36 0.00	31.00 0.06 0.00	33.04 0.13 0.00	35.35 0.38 0.00	38.20 0.53 0.00	44.59 0.09 0.00	53.68 -0.05 0.00	58.85 -1.32 0.00	56.81 -1.52 0.00	51.92 -0.84 0.00	44.69 -1.05 0.00	40.37 -1.21 0.00	37.24 0.37 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.87 1.91 0.00	36.79 1.69 0.00	32.82 1.41 0.00	30.51 1.26 0.00	30.89 1.27 0.00	31.07 1.28 0.00	33.32 1.50 0.00	33.84 1.64 0.00	31.72 1.51 0.00	31.20 1.43 0.00	30.20 1.44 0.00	31.22 1.49 0.00	32.61 1.67 0.00	34.62 1.71 0.00	36.85 1.89 0.00	39.82 2.15 0.00	47.03 2.54 0.00	56.53 2.79 0.00	63.19 3.01 0.00	61.30 2.97 0.00	55.61 2.85 0.00	48.21 2.47 0.00	43.94 2.37 0.00	38.79 1.92 0.00
PEEKSKILL___ 23653	40.64 1.67 0.00	36.58 1.47 0.00	32.57 1.16 0.00	30.30 1.05 0.00	30.63 1.01 0.00	30.83 1.04 0.00	33.10 1.27 0.00	33.65 1.45 0.00	31.63 1.42 0.00	31.26 1.49 0.00	30.26 1.49 0.00	31.31 1.58 0.00	32.73 1.79 0.00	34.72 1.81 0.00	36.85 1.89 0.00	39.71 2.03 0.00	46.85 2.36 0.00	56.15 2.42 0.00	62.64 2.47 0.00	60.72 2.39 0.00	55.08 2.32 0.00	47.89 2.15 0.00	43.65 2.08 0.00	38.57 1.70 0.00
PGE MADISON___WINDPWR 24146	41.34 2.38 0.00	37.32 2.21 0.00	33.39 1.98 0.00	31.18 1.93 0.00	31.49 1.87 0.00	31.67 1.88 0.00	33.89 2.07 0.00	34.03 1.83 0.00	31.63 1.42 0.00	30.66 0.89 0.00	29.54 0.78 0.00	30.57 0.83 0.00	31.71 0.77 0.00	33.90 0.99 0.00	36.22 1.26 0.00	39.18 1.51 0.00	46.50 2.00 0.00	57.01 3.28 0.00	64.33 4.15 0.00	62.47 4.14 0.00	57.25 4.48 0.00	49.44 3.70 0.00	44.65 3.08 0.00	39.71 2.84 0.00

PIERCEFIELD___HYD 23852	39.94 0.97 0.00	35.98 0.88 0.00	32.16 0.75 0.00	29.75 0.50 0.00	30.21 0.59 0.00	30.42 0.63 0.00	32.56 0.73 0.00	32.68 0.48 0.00	30.69 0.48 0.00	30.22 0.45 0.00	29.22 0.46 0.00	30.21 0.48 0.00	31.34 0.40 0.00	33.27 0.36 0.00	35.31 0.35 0.00	38.05 0.38 0.00	44.81 0.31 0.00	54.32 0.59 0.00	61.26 1.08 0.00	59.49 1.17 0.00	53.66 0.90 0.00	46.47 0.73 0.00	42.16 0.58 0.00	37.28 0.41 0.00
PINELAWN_CC_1 323563	42.09 3.12 -0.01	37.77 2.67 0.00	33.32 1.92 0.00	30.83 1.58 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.83 2.01 0.00	34.45 2.25 0.00	32.60 2.39 0.00	32.46 2.68 -0.01	33.29 2.47 -2.05	34.09 2.56 -1.80	36.09 2.79 -2.37	39.25 2.83 -3.51	39.97 2.97 -2.03	41.43 3.24 -0.52	47.84 3.34 0.00	56.95 3.22 0.00	63.30 3.13 0.00	61.07 2.74 0.00	55.35 2.58 0.00	47.98 2.24 0.00	44.07 2.49 0.00	39.83 2.95 -0.01
PJM_GEN_HTTP_PROXY 323702	41.11 2.14 0.00	36.93 1.82 0.00	32.88 1.48 0.00	30.57 1.32 0.00	30.87 1.24 0.00	31.10 1.31 0.00	33.42 1.59 0.00	34.00 1.80 0.00	32.02 1.81 0.00	31.68 1.91 0.00	30.69 1.93 0.00	31.79 2.05 0.00	33.22 2.29 0.00	35.21 2.30 0.00	37.38 2.41 0.00	40.31 2.64 0.00	47.52 3.03 0.00	56.79 3.06 0.00	63.24 3.07 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.34 2.61 0.00	44.11 2.54 0.00	38.98 2.10 0.00
PJM_GEN_KEystone 24065	39.24 0.27 0.00	35.38 0.28 0.00	31.50 0.09 0.00	29.51 0.26 0.00	29.80 0.18 0.00	30.00 0.21 0.00	31.99 0.16 0.00	32.49 0.29 0.00	30.45 0.24 0.00	30.22 0.45 0.00	29.17 0.40 0.00	30.21 0.47 0.00	31.68 0.74 0.00	33.70 0.79 0.00	35.80 0.84 0.00	38.58 0.90 0.00	45.34 0.84 0.00	54.59 0.86 0.00	60.30 0.12 0.00	58.39 0.06 0.00	53.14 0.37 0.00	46.01 0.28 0.00	41.82 0.25 0.00	37.57 0.70 0.00
PJM_GEN_NEPTUNE_PROXY 323594	41.50 2.53 -0.01	37.25 2.14 0.00	32.94 1.54 0.00	30.51 1.26 0.00	30.69 1.06 0.00	30.89 1.10 0.00	33.45 1.62 0.00	34.06 1.87 0.00	32.20 1.99 0.00	32.01 2.23 -0.01	32.47 2.01 -1.70	33.34 2.11 -1.49	35.22 2.32 -1.96	38.15 2.34 -2.90	39.06 2.41 -1.69	40.70 2.60 -0.43	47.61 3.11 0.00	56.90 3.17 0.00	63.30 3.13 0.00	61.07 2.74 0.00	55.40 2.64 0.00	47.89 2.15 0.00	43.61 2.04 0.00	39.35 2.47 -0.01
PJM_GEN_VFT_PROXY 323633	40.91 1.95 0.00	36.72 1.62 0.00	32.69 1.29 0.00	30.39 1.14 0.00	30.72 1.10 0.00	30.92 1.13 0.00	33.26 1.43 0.00	33.87 1.67 0.00	31.93 1.72 0.00	31.59 1.82 0.00	30.63 1.87 0.00	31.73 1.99 0.00	33.16 2.23 0.00	35.15 2.24 0.00	37.31 2.34 0.00	40.20 2.52 0.00	47.39 2.89 0.00	56.52 2.79 0.00	62.95 2.77 0.00	60.95 2.63 0.00	55.35 2.58 0.00	48.16 2.42 0.00	43.94 2.37 0.00	38.79 1.92 0.00
PLATSBURG_115KV_PMLD1 355749	40.06 1.09 0.00	36.05 0.95 0.00	32.25 0.85 0.00	29.89 0.64 0.00	30.36 0.74 0.00	30.48 0.69 0.00	32.59 0.76 0.00	32.81 0.61 0.00	30.87 0.66 0.00	30.49 0.71 0.00	29.45 0.69 0.00	30.45 0.71 0.00	31.58 0.65 0.00	33.50 0.59 0.00	35.56 0.59 0.00	38.24 0.57 0.00	45.03 0.53 0.00	54.48 0.75 0.00	61.26 1.08 0.00	59.44 1.11 0.00	53.45 0.69 0.00	46.15 0.41 0.00	41.78 0.21 0.00	36.91 0.04 0.00
PLEASANTVLY___LBMP 24000	40.45 1.48 0.00	36.37 1.26 0.00	32.50 1.10 0.00	30.24 0.99 0.00	30.57 0.95 0.00	30.77 0.98 0.00	32.97 1.15 0.00	33.52 1.32 0.00	31.42 1.21 0.00	30.96 1.19 0.00	29.97 1.21 0.00	30.99 1.25 0.00	32.30 1.36 0.00	34.29 1.38 0.00	36.43 1.47 0.00	39.26 1.58 0.00	46.41 1.91 0.00	55.72 1.99 0.00	62.22 2.05 0.00	60.31 1.98 0.00	54.77 2.01 0.00	47.61 1.88 0.00	43.36 1.79 0.00	38.35 1.47 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.72 1.75 0.00	36.61 1.51 0.00	32.66 1.26 0.00	30.39 1.14 0.00	30.75 1.13 0.00	30.92 1.13 0.00	33.16 1.34 0.00	33.71 1.51 0.00	31.66 1.45 0.00	31.26 1.49 0.00	30.26 1.50 0.00	31.31 1.58 0.00	32.64 1.70 0.00	34.66 1.74 0.00	36.75 1.78 0.00	39.67 2.00 0.00	46.81 2.31 0.00	56.15 2.42 0.00	62.70 2.53 0.00	60.78 2.45 0.00	55.14 2.37 0.00	47.89 2.15 0.00	43.69 2.12 0.00	38.61 1.73 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.72 1.75 0.00	36.61 1.51 0.00	32.66 1.26 0.00	30.39 1.14 0.00	30.75 1.13 0.00	30.92 1.13 0.00	33.16 1.34 0.00	33.71 1.51 0.00	31.66 1.45 0.00	31.26 1.49 0.00	30.26 1.50 0.00	31.31 1.58 0.00	32.64 1.70 0.00	34.66 1.74 0.00	36.75 1.78 0.00	39.67 2.00 0.00	46.81 2.31 0.00	56.15 2.42 0.00	62.70 2.53 0.00	60.78 2.45 0.00	55.14 2.37 0.00	47.89 2.15 0.00	43.69 2.12 0.00	38.61 1.73 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.68 1.71 0.00	36.61 1.51 0.00	32.66 1.26 0.00	30.39 1.14 0.00	30.75 1.13 0.00	30.92 1.13 0.00	33.16 1.34 0.00	33.68 1.48 0.00	31.51 1.30 0.00	31.05 1.28 0.00	30.06 1.29 0.00	31.05 1.31 0.00	32.39 1.45 0.00	34.43 1.51 0.00	36.57 1.61 0.00	39.48 1.81 0.00	46.77 2.27 0.00	56.20 2.47 0.00	62.82 2.65 0.00	60.95 2.62 0.00	55.35 2.59 0.00	48.03 2.29 0.00	43.69 2.12 0.00	38.61 1.73 0.00
POLETTI____ 23519	41.19 2.22 0.00	37.00 1.90 0.00	33.01 1.60 0.00	30.71 1.46 0.00	31.04 1.42 0.00	31.22 1.43 0.00	33.55 1.72 0.00	34.13 1.93 0.00	32.14 1.93 0.00	31.80 2.02 0.00	30.84 2.07 0.00	31.91 2.17 0.00	33.29 2.35 0.00	35.25 2.34 0.00	37.41 2.45 0.00	40.35 2.67 0.00	47.61 3.11 0.00	56.85 3.12 0.00	63.31 3.13 0.00	61.30 2.97 0.00	55.61 2.85 0.00	48.44 2.70 0.00	44.23 2.66 0.00	39.05 2.18 0.00
POMONA___ESR 323819	40.60 1.64 0.00	36.54 1.44 0.00	32.53 1.13 0.00	30.30 1.05 0.00	30.63 1.01 0.00	30.83 1.04 0.00	33.07 1.24 0.00	33.61 1.42 0.00	31.63 1.42 0.00	31.23 1.46 0.00	30.23 1.47 0.00	31.28 1.55 0.00	32.70 1.76 0.00	34.72 1.81 0.00	36.82 1.85 0.00	39.67 2.00 0.00	46.81 2.31 0.00	56.09 2.36 0.00	62.59 2.41 0.00	60.66 2.34 0.00	55.03 2.27 0.00	47.84 2.11 0.00	43.57 2.00 0.00	38.50 1.62 0.00
PORT_JEFF_3 23555	42.32 3.35 -0.01	37.95 2.84 0.00	33.39 1.98 0.00	30.89 1.64 0.00	31.01 1.39 0.00	31.22 1.43 0.00	33.99 2.17 0.00	34.68 2.48 0.00	32.81 2.60 0.00	32.76 2.98 -0.01	33.55 2.73 -2.05	34.27 2.73 -1.80	36.21 2.91 -2.37	39.38 2.96 -3.51	40.08 3.08 -2.03	41.58 3.39 -0.52	48.41 3.92 0.00	57.97 4.24 0.00	64.15 3.97 0.00	61.89 3.56 0.00	56.25 3.48 0.00	48.39 2.65 0.00	44.03 2.45 0.00	39.83 2.95 -0.01
PORT_JEFF_4 23616	42.32 3.35 -0.01	37.95 2.84 0.00	33.39 1.98 0.00	30.89 1.64 0.00	31.01 1.39 0.00	31.22 1.43 0.00	33.99 2.17 0.00	34.68 2.48 0.00	32.81 2.60 0.00	32.76 2.98 -0.01	33.55 2.73 -2.05	34.27 2.73 -1.80	36.21 2.91 -2.37	39.38 2.96 -3.51	40.08 3.08 -2.03	41.58 3.39 -0.52	48.41 3.92 0.00	57.97 4.24 0.00	64.15 3.97 0.00	61.89 3.56 0.00	56.25 3.48 0.00	48.39 2.65 0.00	44.03 2.45 0.00	39.83 2.95 -0.01

PORT_JEFF_IC 23713	42.43 3.47 0.00	37.98 2.88 0.00	33.48 2.07 0.00	31.09 1.84 0.00	31.28 1.66 0.00	31.40 1.61 0.00	34.12 2.29 0.00	34.87 2.67 0.00	32.93 2.72 0.00	32.87 3.10 0.00	33.72 2.91 -2.05	34.45 2.91 -1.80	36.31 3.00 -2.37	39.45 3.03 -3.51	40.15 3.15 -2.03	41.70 3.50 -0.52	48.50 4.00 0.00	58.19 4.46 0.00	64.03 3.85 0.00	61.88 3.56 0.00	56.35 3.59 0.00	48.48 2.74 0.00	44.11 2.54 0.00	39.97 3.10 0.00
PPL PILGRIM_ST_GT1 24216	42.40 3.43 -0.01	38.05 2.95 0.00	33.51 2.10 0.00	31.03 1.78 0.00	31.16 1.54 0.00	31.37 1.58 0.00	34.09 2.26 0.00	34.71 2.51 0.00	32.84 2.63 0.00	32.76 2.98 -0.01	33.55 2.73 -2.05	34.36 2.83 -1.80	36.34 3.03 -2.37	39.51 3.09 -3.51	40.21 3.21 -2.03	41.73 3.54 -0.52	48.55 4.05 0.00	58.14 4.41 0.00	64.51 4.34 0.00	62.24 3.91 0.00	56.46 3.69 0.00	48.62 2.88 0.00	44.27 2.70 0.00	40.09 3.21 -0.01
PPL PILGRIM_ST_GT2 24217	42.40 3.43 -0.01	38.05 2.95 0.00	33.51 2.10 0.00	31.03 1.78 0.00	31.16 1.54 0.00	31.37 1.58 0.00	34.09 2.26 0.00	34.71 2.51 0.00	32.84 2.63 0.00	32.76 2.98 -0.01	33.55 2.73 -2.05	34.36 2.83 -1.80	36.34 3.03 -2.37	39.51 3.09 -3.51	40.21 3.21 -2.03	41.73 3.54 -0.52	48.55 4.05 0.00	58.14 4.41 0.00	64.51 4.34 0.00	62.24 3.91 0.00	56.46 3.69 0.00	48.62 2.88 0.00	44.27 2.70 0.00	40.09 3.21 -0.01
PPL_SHRM_GT3 24213	42.40 3.43 -0.01	37.98 2.88 0.00	33.26 1.85 0.00	30.77 1.52 0.00	30.87 1.24 0.00	31.07 1.28 0.00	34.09 2.26 0.00	34.80 2.61 0.00	32.96 2.75 0.00	32.94 3.15 -0.01	33.66 2.85 -2.05	34.24 2.71 -1.80	36.12 2.81 -2.37	39.28 2.86 -3.51	39.87 2.87 -2.03	41.39 3.20 -0.52	48.19 3.69 0.00	57.81 4.08 0.00	64.15 3.97 0.00	61.83 3.50 0.00	56.09 3.33 0.00	48.12 2.38 0.00	43.82 2.24 0.00	39.57 2.69 -0.01
PPL_SHRM_GT4 24214	42.40 3.43 -0.01	37.98 2.88 0.00	33.26 1.85 0.00	30.77 1.52 0.00	30.87 1.24 0.00	31.07 1.28 0.00	34.09 2.26 0.00	34.80 2.61 0.00	32.96 2.75 0.00	32.94 3.15 -0.01	33.66 2.85 -2.05	34.24 2.71 -1.80	36.12 2.81 -2.37	39.28 2.86 -3.51	39.87 2.87 -2.03	41.39 3.20 -0.52	48.19 3.69 0.00	57.81 4.08 0.00	64.15 3.97 0.00	61.83 3.50 0.00	56.09 3.33 0.00	48.12 2.38 0.00	43.82 2.24 0.00	39.57 2.69 -0.01
PROJECT___ORANGE 1 24174	38.38 -0.58 0.00	34.65 -0.46 0.00	31.00 -0.41 0.00	29.02 -0.23 0.00	29.32 -0.30 0.00	29.49 -0.30 0.00	31.44 -0.38 0.00	31.78 -0.42 0.00	29.76 -0.45 0.00	29.39 -0.39 0.00	28.36 -0.40 0.00	29.32 -0.42 0.00	30.50 -0.43 0.00	32.52 -0.39 0.00	34.51 -0.45 0.00	37.18 -0.49 0.00	43.92 -0.58 0.00	53.19 -0.54 0.00	59.45 -0.72 0.00	57.57 -0.76 0.00	52.29 -0.47 0.00	45.24 -0.50 0.00	41.07 -0.50 0.00	36.54 -0.33 0.00
PROJECT___ORANGE 2 24166	38.38 -0.58 0.00	34.65 -0.46 0.00	31.00 -0.41 0.00	29.02 -0.23 0.00	29.32 -0.30 0.00	29.49 -0.30 0.00	31.44 -0.38 0.00	31.78 -0.42 0.00	29.76 -0.45 0.00	29.39 -0.39 0.00	28.36 -0.40 0.00	29.32 -0.42 0.00	30.50 -0.43 0.00	32.52 -0.39 0.00	34.51 -0.45 0.00	37.18 -0.49 0.00	43.92 -0.58 0.00	53.19 -0.54 0.00	59.45 -0.72 0.00	57.57 -0.76 0.00	52.29 -0.47 0.00	45.24 -0.50 0.00	41.07 -0.50 0.00	36.54 -0.33 0.00
PUCKETT___SOLAR 323809	39.55 0.59 0.00	35.66 0.56 0.00	31.88 0.47 0.00	29.80 0.55 0.00	30.09 0.47 0.00	30.30 0.51 0.00	32.30 0.48 0.00	32.59 0.39 0.00	30.39 0.18 0.00	29.86 0.09 0.00	28.74 -0.03 0.00	29.74 0.00 0.00	30.97 0.03 0.00	33.04 0.13 0.00	35.14 0.18 0.00	37.94 0.27 0.00	44.90 0.40 0.00	54.64 0.91 0.00	61.08 0.90 0.00	59.26 0.93 0.00	54.03 1.26 0.00	46.74 1.00 0.00	42.32 0.75 0.00	37.80 0.92 0.00
PYRITES___HYD 24023	40.41 1.44 0.00	36.40 1.30 0.00	32.57 1.16 0.00	30.10 0.85 0.00	30.57 0.95 0.00	30.77 0.98 0.00	32.91 1.08 0.00	32.94 0.74 0.00	30.87 0.66 0.00	30.31 0.54 0.00	29.28 0.52 0.00	30.27 0.54 0.00	31.40 0.46 0.00	33.37 0.46 0.00	35.42 0.45 0.00	38.16 0.49 0.00	45.03 0.53 0.00	54.64 0.91 0.00	61.86 1.68 0.00	60.25 1.92 0.00	54.45 1.69 0.00	47.16 1.42 0.00	42.74 1.16 0.00	37.80 0.92 0.00
QUAKERRD_115KV_BK1 80622	38.07 -0.90 0.00	34.30 -0.81 0.00	30.53 -0.88 0.00	28.78 -0.47 0.00	29.06 -0.56 0.00	29.22 -0.57 0.00	31.03 -0.80 0.00	31.36 -0.84 0.00	29.24 -0.97 0.00	29.00 -0.77 0.00	27.96 -0.81 0.00	28.99 -0.74 0.00	30.35 -0.59 0.00	32.32 -0.59 0.00	34.55 -0.42 0.00	37.30 -0.38 0.00	43.92 -0.58 0.00	53.19 -0.54 0.00	59.09 -1.08 0.00	57.04 -1.28 0.00	51.97 -0.79 0.00	44.87 -0.87 0.00	40.62 -0.96 0.00	36.54 -0.33 0.00
QUENSBRY_115KV_TB8 356137	40.33 1.36 0.00	36.40 1.30 0.00	32.57 1.16 0.00	30.19 0.94 0.00	30.69 1.07 0.00	30.89 1.10 0.00	32.97 1.15 0.00	33.33 1.13 0.00	31.57 1.36 0.00	30.90 1.13 0.00	29.48 0.72 0.00	30.42 0.68 0.00	31.62 0.68 0.00	33.83 0.92 0.00	36.05 1.08 0.00	38.09 0.41 0.00	45.25 0.76 0.00	54.81 1.07 0.00	62.70 2.53 0.00	61.07 2.74 0.00	55.77 3.01 0.00	48.12 2.38 0.00	43.86 2.29 0.00	38.72 1.84 0.00
RAMAPO___LBMP 323565	40.45 1.48 0.00	36.40 1.30 0.00	32.50 1.10 0.00	30.27 1.02 0.00	30.60 0.98 0.00	30.80 1.01 0.00	33.04 1.21 0.00	33.55 1.35 0.00	31.57 1.36 0.00	31.17 1.40 0.00	30.17 1.41 0.00	31.22 1.49 0.00	32.57 1.64 0.00	34.56 1.65 0.00	36.64 1.68 0.00	39.52 1.85 0.00	46.59 2.09 0.00	55.88 2.15 0.00	62.34 2.17 0.00	60.43 2.10 0.00	54.82 2.06 0.00	47.61 1.88 0.00	43.40 1.83 0.00	38.39 1.51 0.00
RANKINE____ 23646	38.65 -0.31 0.00	35.00 -0.11 0.00	30.75 -0.66 0.00	29.45 0.20 0.00	29.68 0.06 0.00	29.91 0.12 0.00	31.60 -0.22 0.00	32.00 -0.19 0.00	29.79 -0.42 0.00	29.71 -0.06 0.00	28.51 -0.26 0.00	29.56 -0.18 0.00	31.18 0.25 0.00	33.24 0.33 0.00	35.56 0.59 0.00	38.43 0.75 0.00	44.81 0.31 0.00	53.95 0.21 0.00	59.09 -1.08 0.00	56.99 -1.34 0.00	52.18 -0.58 0.00	44.91 -0.82 0.00	40.66 -0.91 0.00	37.65 0.77 0.00
RAVENSWOOD_GT2_1 24244	41.15 2.18 0.00	36.93 1.83 0.00	32.98 1.57 0.00	30.68 1.43 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.51 1.69 0.00	34.10 1.90 0.00	32.08 1.87 0.00	31.74 1.96 0.00	30.78 2.01 0.00	31.85 2.11 0.00	33.22 2.29 0.00	35.22 2.30 0.00	37.38 2.41 0.00	40.31 2.64 0.00	47.57 3.07 0.00	56.79 3.06 0.00	63.25 3.07 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.39 2.65 0.00	44.15 2.58 0.00	39.01 2.14 0.00
RAVENSWOOD_GT2_2 24245	41.15 2.18 0.00	36.93 1.83 0.00	32.98 1.57 0.00	30.68 1.43 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.51 1.69 0.00	34.10 1.90 0.00	32.08 1.87 0.00	31.74 1.96 0.00	30.78 2.01 0.00	31.85 2.11 0.00	33.22 2.29 0.00	35.22 2.30 0.00	37.38 2.41 0.00	40.31 2.64 0.00	47.57 3.07 0.00	56.79 3.06 0.00	63.25 3.07 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.39 2.65 0.00	44.15 2.58 0.00	39.01 2.14 0.00



RAVENSWOOD_GT2_3 24246	41.15 2.18 0.00	36.97 1.86 0.00	32.98 1.57 0.00	30.68 1.43 0.00	31.01 1.39 0.00	31.19 1.40 0.00	33.55 1.72 0.00	34.10 1.90 0.00	32.11 1.90 0.00	31.77 1.99 0.00	30.81 2.04 0.00	31.88 2.14 0.00	33.26 2.32 0.00	35.25 2.34 0.00	37.38 2.41 0.00	40.35 2.67 0.00	47.57 3.07 0.00	56.85 3.12 0.00	63.31 3.13 0.00	61.30 2.97 0.00	55.61 2.85 0.00	48.39 2.65 0.00	44.19 2.62 0.00	39.05 2.18 0.00
RAVENSWOOD_GT2_4 24247	41.15 2.18 0.00	36.97 1.86 0.00	32.98 1.57 0.00	30.68 1.43 0.00	31.01 1.39 0.00	31.19 1.40 0.00	33.55 1.72 0.00	34.10 1.90 0.00	32.11 1.90 0.00	31.77 1.99 0.00	30.81 2.04 0.00	31.88 2.14 0.00	33.26 2.32 0.00	35.25 2.34 0.00	37.38 2.41 0.00	40.35 2.67 0.00	47.57 3.07 0.00	56.85 3.12 0.00	63.31 3.13 0.00	61.30 2.97 0.00	55.61 2.85 0.00	48.39 2.65 0.00	44.19 2.62 0.00	39.05 2.18 0.00
RAVENSWOOD_GT3_1 24248	41.15 2.18 0.00	36.93 1.83 0.00	32.98 1.57 0.00	30.68 1.43 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.51 1.69 0.00	34.10 1.90 0.00	32.11 1.90 0.00	31.77 1.99 0.00	30.78 2.01 0.00	31.88 2.14 0.00	33.22 2.29 0.00	35.22 2.30 0.00	37.38 2.41 0.00	40.31 2.64 0.00	47.57 3.07 0.00	56.79 3.06 0.00	63.25 3.07 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.39 2.65 0.00	44.19 2.62 0.00	39.01 2.14 0.00
RAVENSWOOD_GT3_2 24249	41.15 2.18 0.00	36.93 1.83 0.00	32.98 1.57 0.00	30.68 1.43 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.51 1.69 0.00	34.10 1.90 0.00	32.11 1.90 0.00	31.77 1.99 0.00	30.78 2.01 0.00	31.88 2.14 0.00	33.22 2.29 0.00	35.22 2.30 0.00	37.38 2.41 0.00	40.31 2.64 0.00	47.57 3.07 0.00	56.79 3.06 0.00	63.25 3.07 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.39 2.65 0.00	44.19 2.62 0.00	39.01 2.14 0.00
RAVENSWOOD_GT3_3 24250	41.19 2.22 0.00	37.00 1.90 0.00	33.01 1.60 0.00	30.71 1.46 0.00	31.04 1.42 0.00	31.22 1.43 0.00	33.58 1.75 0.00	34.13 1.93 0.00	32.14 1.93 0.00	31.80 2.02 0.00	30.84 2.07 0.00	31.91 2.17 0.00	33.29 2.35 0.00	35.28 2.37 0.00	37.45 2.48 0.00	40.39 2.71 0.00	47.61 3.11 0.00	56.90 3.17 0.00	63.37 3.19 0.00	61.36 3.03 0.00	55.67 2.90 0.00	48.44 2.70 0.00	44.23 2.66 0.00	39.09 2.21 0.00
RAVENSWOOD_GT3_4 24251	41.19 2.22 0.00	37.00 1.90 0.00	33.01 1.60 0.00	30.71 1.46 0.00	31.04 1.42 0.00	31.22 1.43 0.00	33.58 1.75 0.00	34.13 1.93 0.00	32.14 1.93 0.00	31.80 2.02 0.00	30.84 2.07 0.00	31.91 2.17 0.00	33.29 2.35 0.00	35.28 2.37 0.00	37.45 2.48 0.00	40.39 2.71 0.00	47.61 3.11 0.00	56.90 3.17 0.00	63.37 3.19 0.00	61.36 3.03 0.00	55.67 2.90 0.00	48.44 2.70 0.00	44.23 2.66 0.00	39.09 2.21 0.00
RAVENSWOOD_GT_1 23729	41.34 2.38 0.00	37.14 2.04 0.00	33.13 1.73 0.00	30.83 1.58 0.00	31.16 1.54 0.00	31.34 1.55 0.00	33.67 1.85 0.00	34.13 1.93 0.00	32.11 1.90 0.00	31.89 2.11 0.00	30.95 2.19 0.00	32.03 2.29 0.00	33.41 2.47 0.00	35.41 2.50 0.00	37.59 2.62 0.00	40.54 2.86 0.00	47.79 3.29 0.00	56.69 2.96 0.00	62.94 2.77 0.00	60.95 2.62 0.00	55.35 2.59 0.00	48.48 2.74 0.00	44.40 2.83 0.00	39.23 2.36 0.00
RAVENSWOOD_GT_10 24258	41.15 2.18 0.00	36.93 1.83 0.00	32.98 1.57 0.00	30.68 1.43 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.51 1.69 0.00	34.10 1.90 0.00	32.11 1.90 0.00	31.77 1.99 0.00	30.78 2.01 0.00	31.85 2.11 0.00	33.22 2.29 0.00	35.22 2.30 0.00	37.38 2.41 0.00	40.31 2.64 0.00	47.57 3.07 0.00	56.79 3.06 0.00	63.25 3.07 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.39 2.65 0.00	44.15 2.58 0.00	39.01 2.14 0.00
RAVENSWOOD_GT_11 24259	41.15 2.18 0.00	36.93 1.83 0.00	32.98 1.57 0.00	30.68 1.43 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.51 1.69 0.00	34.10 1.90 0.00	32.11 1.90 0.00	31.77 1.99 0.00	30.78 2.01 0.00	31.85 2.11 0.00	33.22 2.29 0.00	35.22 2.30 0.00	37.38 2.41 0.00	40.31 2.64 0.00	47.57 3.07 0.00	56.79 3.06 0.00	63.25 3.07 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.39 2.65 0.00	44.15 2.58 0.00	39.01 2.14 0.00
RAVENSWOOD_GT_4 24252	41.15 2.18 0.00	36.93 1.83 0.00	32.98 1.57 0.00	30.68 1.43 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.55 1.72 0.00	34.10 1.90 0.00	32.11 1.90 0.00	31.77 1.99 0.00	30.78 2.01 0.00	31.88 2.14 0.00	33.22 2.29 0.00	35.22 2.30 0.00	37.38 2.41 0.00	40.31 2.64 0.00	47.57 3.07 0.00	56.79 3.06 0.00	63.25 3.07 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.39 2.65 0.00	44.19 2.62 0.00	39.01 2.14 0.00
RAVENSWOOD_GT_5 24254	41.15 2.18 0.00	36.93 1.83 0.00	32.98 1.57 0.00	30.68 1.43 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.55 1.72 0.00	34.10 1.90 0.00	32.11 1.90 0.00	31.77 1.99 0.00	30.78 2.01 0.00	31.88 2.14 0.00	33.22 2.29 0.00	35.22 2.30 0.00	37.38 2.41 0.00	40.31 2.64 0.00	47.57 3.07 0.00	56.79 3.06 0.00	63.25 3.07 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.39 2.65 0.00	44.19 2.62 0.00	39.01 2.14 0.00
RAVENSWOOD_GT_6 24253	41.15 2.18 0.00	36.93 1.83 0.00	32.98 1.57 0.00	30.68 1.43 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.55 1.72 0.00	34.10 1.90 0.00	32.11 1.90 0.00	31.77 1.99 0.00	30.78 2.01 0.00	31.88 2.14 0.00	33.22 2.29 0.00	35.22 2.30 0.00	37.38 2.41 0.00	40.31 2.64 0.00	47.57 3.07 0.00	56.79 3.06 0.00	63.25 3.07 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.39 2.65 0.00	44.19 2.62 0.00	39.01 2.14 0.00
RAVENSWOOD_GT_7 24255	41.15 2.18 0.00	36.93 1.83 0.00	32.98 1.57 0.00	30.68 1.43 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.55 1.72 0.00	34.10 1.90 0.00	32.11 1.90 0.00	31.77 1.99 0.00	30.78 2.01 0.00	31.88 2.14 0.00	33.22 2.29 0.00	35.22 2.30 0.00	37.38 2.41 0.00	40.31 2.64 0.00	47.57 3.07 0.00	56.79 3.06 0.00	63.25 3.07 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.39 2.65 0.00	44.19 2.62 0.00	39.01 2.14 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.15 2.18 0.00	36.93 1.83 0.00	32.98 1.57 0.00	30.68 1.43 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.51 1.69 0.00	34.10 1.90 0.00	32.11 1.90 0.00	31.77 1.99 0.00	30.78 2.01 0.00	31.85 2.11 0.00	33.22 2.29 0.00	35.22 2.30 0.00	37.38 2.41 0.00	40.31 2.64 0.00	47.57 3.07 0.00	56.79 3.06 0.00	63.25 3.07 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.39 2.65 0.00	44.15 2.58 0.00	39.01 2.14 0.00
RAVENSWOOD_GT_9 24257	41.15 2.18 0.00	36.93 1.83 0.00	32.98 1.57 0.00	30.68 1.43 0.00	30.98 1.36 0.00	31.19 1.40 0.00	33.51 1.69 0.00	34.10 1.90 0.00	32.11 1.90 0.00	31.77 1.99 0.00	30.78 2.01 0.00	31.85 2.11 0.00	33.22 2.29 0.00	35.22 2.30 0.00	37.38 2.41 0.00	40.31 2.64 0.00	47.57 3.07 0.00	56.79 3.06 0.00	63.25 3.07 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.39 2.65 0.00	44.15 2.58 0.00	39.01 2.14 0.00

RAVENSWOOD___1 23533	41.31 2.34 -0.01	37.11 2.00 -0.01	33.05 1.63 -0.01	30.75 1.49 -0.01	31.05 1.42 -0.01	31.26 1.46 -0.01	33.54 1.72 0.00	34.00 1.80 0.00	32.02 1.81 0.00	31.83 2.05 0.00	30.87 2.10 -0.01	31.98 2.23 -0.01	33.42 2.48 -0.01	35.42 2.50 -0.01	37.60 2.62 -0.01	40.54 2.86 -0.01	47.74 3.25 0.00	56.68 2.95 0.00	62.89 2.71 0.00	60.83 2.51 0.01	55.30 2.53 0.00	48.44 2.70 0.00	44.37 2.79 -0.01	39.21 2.32 -0.01
RAVENSWOOD___2 23534	41.31 2.34 -0.01	37.11 2.00 -0.01	33.05 1.63 -0.01	30.72 1.46 -0.01	31.05 1.42 -0.01	31.26 1.46 -0.01	33.51 1.69 0.00	33.97 1.77 0.00	32.02 1.81 0.00	31.80 2.03 0.00	30.87 2.10 -0.01	31.98 2.23 -0.01	33.39 2.44 -0.01	35.42 2.50 -0.01	37.60 2.62 -0.01	40.51 2.83 -0.01	47.74 3.25 0.00	56.63 2.90 0.00	62.82 2.64 0.00	60.83 2.51 0.01	55.30 2.53 0.00	48.44 2.70 0.00	44.37 2.79 -0.01	39.17 2.29 -0.01
RAVENSWOOD___3 23535	41.11 2.14 0.00	36.93 1.82 0.00	32.88 1.48 0.00	30.57 1.32 0.00	30.89 1.27 0.00	31.10 1.31 0.00	33.42 1.59 0.00	34.00 1.80 0.00	32.05 1.84 0.00	31.71 1.93 0.00	30.72 1.96 0.00	31.79 2.05 0.00	33.26 2.32 0.00	35.25 2.34 0.00	37.41 2.45 0.00	40.31 2.64 0.00	47.56 3.07 0.00	56.79 3.06 0.00	63.24 3.07 0.00	61.24 2.92 0.00	55.61 2.85 0.00	48.39 2.65 0.00	44.15 2.58 0.00	39.01 2.14 0.00
RAVENSWOOD___4 23820	41.31 2.34 -0.01	37.11 2.00 -0.01	33.05 1.63 -0.01	30.72 1.46 -0.01	31.05 1.42 -0.01	31.26 1.46 -0.01	33.51 1.69 0.00	33.97 1.77 0.00	32.02 1.81 0.00	31.80 2.03 0.00	30.84 2.07 -0.01	31.95 2.20 -0.01	33.39 2.44 -0.01	35.42 2.50 -0.01	37.56 2.59 -0.01	40.51 2.83 -0.01	47.74 3.25 0.00	56.63 2.90 0.00	62.82 2.64 0.00	60.77 2.45 0.01	55.25 2.48 0.00	48.44 2.70 0.00	44.37 2.79 -0.01	39.17 2.29 -0.01
RCPL_TRUST___DRP 24196	41.19 2.22 0.00	36.97 1.86 0.00	33.01 1.60 0.00	30.71 1.46 0.00	31.01 1.39 0.00	31.22 1.43 0.00	33.58 1.75 0.00	34.13 1.93 0.00	32.14 1.93 0.00	31.80 2.02 0.00	30.84 2.07 0.00	31.91 2.17 0.00	33.29 2.35 0.00	35.28 2.37 0.00	37.45 2.48 0.00	40.39 2.71 0.00	47.61 3.11 0.00	56.90 3.17 0.00	63.37 3.19 0.00	61.36 3.03 0.00	55.72 2.95 0.00	48.44 2.70 0.00	44.23 2.66 0.00	39.05 2.18 0.00
RED___ROCHESTER 323720	39.24 0.27 0.00	35.28 0.18 0.00	31.53 0.13 0.00	29.60 0.35 0.00	29.92 0.30 0.00	30.03 0.24 0.00	31.92 0.10 0.00	32.20 0.00 0.00	30.06 -0.15 0.00	29.83 0.06 0.00	28.76 0.00 0.00	29.92 0.18 0.00	31.31 0.37 0.00	33.41 0.49 0.00	35.77 0.80 0.00	38.54 0.87 0.00	45.43 0.94 0.00	55.23 1.50 0.00	61.02 0.84 0.00	58.91 0.58 0.00	53.66 0.90 0.00	46.24 0.50 0.00	41.82 0.25 0.00	37.76 0.88 0.00
REGAN___SOLAR 323812	41.69 2.73 0.00	37.53 2.42 0.00	33.54 2.14 0.00	31.15 1.90 0.00	31.64 2.02 0.00	31.84 2.05 0.00	33.89 2.07 0.00	33.81 1.61 0.00	30.93 0.72 0.00	29.92 0.15 0.00	28.56 -0.20 0.00	29.38 -0.36 0.00	30.60 -0.34 0.00	32.78 -0.13 0.00	35.00 0.04 0.00	38.01 0.34 0.00	45.47 0.98 0.00	55.66 1.93 0.00	63.97 3.79 0.00	62.93 4.61 0.00	57.46 4.69 0.00	49.62 3.89 0.00	45.19 3.62 0.00	39.93 3.06 0.00
RENSSELAER___COGEN 23796	39.74 0.78 0.00	35.77 0.67 0.00	31.91 0.50 0.00	29.72 0.47 0.00	30.01 0.38 0.00	30.18 0.39 0.00	32.21 0.38 0.00	32.68 0.48 0.00	30.45 0.24 0.00	29.92 0.15 0.00	28.91 0.14 0.00	29.83 0.09 0.00	31.12 0.19 0.00	33.08 0.17 0.00	35.18 0.21 0.00	37.90 0.23 0.00	44.90 0.40 0.00	54.11 0.38 0.00	60.78 0.60 0.00	58.97 0.64 0.00	53.56 0.79 0.00	46.52 0.78 0.00	42.36 0.79 0.00	37.39 0.52 0.00
REPUBLIC_115KV_BARTNBK 55605	41.58 2.61 0.00	37.49 2.39 0.00	33.60 2.20 0.00	31.00 1.75 0.00	31.61 1.98 0.00	31.88 2.09 0.00	34.02 2.20 0.00	34.26 2.06 0.00	32.17 1.96 0.00	31.44 1.67 0.00	29.91 1.15 0.00	30.84 1.10 0.00	32.02 1.08 0.00	34.46 1.55 0.00	36.75 1.78 0.00	39.03 1.36 0.00	46.54 2.05 0.00	56.53 2.79 0.00	65.23 5.05 0.00	63.69 5.37 0.00	58.31 5.54 0.00	50.08 4.35 0.00	45.73 4.16 0.00	40.27 3.39 0.00
REVERE_CPPR_DRP 24186	40.17 1.21 0.00	36.19 1.09 0.00	32.38 0.97 0.00	30.16 0.91 0.00	30.51 0.89 0.00	30.65 0.86 0.00	32.78 0.95 0.00	33.00 0.80 0.00	30.81 0.60 0.00	30.13 0.36 0.00	29.11 0.35 0.00	30.09 0.36 0.00	31.28 0.34 0.00	33.34 0.43 0.00	35.52 0.56 0.00	38.35 0.68 0.00	45.43 0.93 0.00	55.18 1.45 0.00	62.16 1.99 0.00	60.19 1.87 0.00	54.82 2.06 0.00	47.48 1.74 0.00	42.95 1.37 0.00	38.05 1.18 0.00
REYNLDPA_13_KV_LD 356490	39.39 0.43 0.00	35.49 0.39 0.00	31.75 0.35 0.00	29.43 0.18 0.00	29.89 0.27 0.00	30.03 0.24 0.00	32.11 0.29 0.00	32.36 0.16 0.00	30.45 0.24 0.00	30.04 0.27 0.00	29.05 0.29 0.00	30.03 0.30 0.00	31.18 0.25 0.00	33.11 0.20 0.00	35.14 0.17 0.00	37.79 0.11 0.00	44.54 0.04 0.00	53.78 0.05 0.00	60.42 0.24 0.00	58.62 0.29 0.00	52.77 0.00 0.00	45.74 0.00 0.00	41.57 0.00 0.00	36.84 -0.04 0.00
REYNOLDS_115KV_TB3 80639	39.98 1.01 0.00	36.02 0.91 0.00	32.19 0.79 0.00	29.95 0.70 0.00	30.27 0.65 0.00	30.45 0.66 0.00	32.49 0.67 0.00	33.00 0.80 0.00	30.75 0.54 0.00	30.19 0.42 0.00	29.17 0.40 0.00	30.09 0.36 0.00	31.37 0.43 0.00	33.37 0.46 0.00	35.45 0.49 0.00	38.20 0.53 0.00	45.25 0.76 0.00	54.59 0.86 0.00	61.26 1.08 0.00	59.44 1.11 0.00	53.98 1.21 0.00	46.88 1.14 0.00	42.74 1.16 0.00	37.72 0.85 0.00
RIVERBAY____ 323610	41.85 2.88 0.00	37.56 2.46 0.00	33.51 2.10 0.00	31.15 1.90 0.00	31.52 1.90 0.00	31.73 1.94 0.00	34.05 2.23 0.00	34.42 2.22 0.00	32.35 2.14 0.00	32.15 2.38 0.00	31.27 2.50 0.00	32.35 2.62 0.00	33.75 2.82 0.00	35.81 2.90 0.00	38.04 3.08 0.00	41.07 3.39 0.00	48.37 3.87 0.00	57.22 3.49 0.00	63.43 3.25 0.00	61.42 3.09 0.00	55.77 3.01 0.00	49.03 3.29 0.00	44.94 3.37 0.00	39.75 2.88 0.00
RIVERSDE_115KV_TB3 55908	39.90 0.94 0.00	35.91 0.81 0.00	32.13 0.72 0.00	29.86 0.61 0.00	30.18 0.56 0.00	30.36 0.57 0.00	32.40 0.57 0.00	32.87 0.68 0.00	30.63 0.42 0.00	30.10 0.33 0.00	29.05 0.29 0.00	30.01 0.27 0.00	31.24 0.31 0.00	33.24 0.33 0.00	35.31 0.35 0.00	38.05 0.38 0.00	45.12 0.62 0.00	54.43 0.70 0.00	61.08 0.90 0.00	59.26 0.93 0.00	53.82 1.06 0.00	46.74 1.01 0.00	42.57 1.00 0.00	37.61 0.74 0.00
ROARING___BROOK_WT_PWR 323790	38.97 0.00 0.00	35.10 0.00 0.00	31.44 0.03 0.00	29.25 0.00 0.00	29.62 0.00 0.00	29.79 0.00 0.00	31.86 0.03 0.00	32.20 0.00 0.00	30.21 0.00 0.00	29.77 0.00 0.00	28.76 0.00 0.00	29.71 -0.03 0.00	30.90 -0.03 0.00	32.85 -0.07 0.00	34.83 -0.14 0.00	37.49 -0.19 0.00	44.23 -0.27 0.00	53.41 -0.32 0.00	59.94 -0.24 0.00	58.04 -0.29 0.00	52.40 -0.37 0.00	45.33 -0.41 0.00	41.12 -0.46 0.00	36.39 -0.48 0.00

ROCHESRG_115KV_T4 355643	38.77 -0.19 0.00	34.93 -0.18 0.00	31.06 -0.35 0.00	29.34 0.09 0.00	29.59 -0.03 0.00	29.76 -0.03 0.00	31.60 -0.22 0.00	31.94 -0.26 0.00	29.76 -0.45 0.00	29.53 -0.24 0.00	28.45 -0.32 0.00	29.53 -0.21 0.00	30.90 -0.03 0.00	32.91 0.00 0.00	35.21 0.24 0.00	38.01 0.34 0.00	44.72 0.22 0.00	54.16 0.43 0.00	60.00 -0.18 0.00	57.92 -0.41 0.00	52.82 0.05 0.00	45.56 -0.18 0.00	41.24 -0.33 0.00	37.28 0.41 0.00
ROCHESTER_9_IC 23652	39.00 0.04 0.00	35.10 0.00 0.00	31.22 -0.19 0.00	29.48 0.23 0.00	29.74 0.12 0.00	29.91 0.12 0.00	31.76 -0.06 0.00	32.10 -0.10 0.00	29.91 -0.30 0.00	29.68 -0.09 0.00	28.59 -0.17 0.00	29.68 -0.06 0.00	31.12 0.19 0.00	33.14 0.23 0.00	35.45 0.49 0.00	38.28 0.60 0.00	45.08 0.58 0.00	54.59 0.86 0.00	60.48 0.30 0.00	58.39 0.06 0.00	53.24 0.47 0.00	45.92 0.18 0.00	41.53 -0.04 0.00	37.50 0.63 0.00
ROCKVIEW_13_KV_LD 356306	41.07 2.10 0.00	36.90 1.79 0.00	32.94 1.54 0.00	30.62 1.37 0.00	30.95 1.33 0.00	31.16 1.37 0.00	33.48 1.65 0.00	34.03 1.84 0.00	32.05 1.84 0.00	31.68 1.91 0.00	30.69 1.93 0.00	31.76 2.02 0.00	33.13 2.20 0.00	35.12 2.21 0.00	37.24 2.27 0.00	40.20 2.52 0.00	47.39 2.89 0.00	56.74 3.01 0.00	63.31 3.13 0.00	61.30 2.97 0.00	55.67 2.90 0.00	48.35 2.61 0.00	44.11 2.54 0.00	38.98 2.10 0.00
ROME____115KV_TB2 80656	40.17 1.21 0.00	36.19 1.09 0.00	32.38 0.97 0.00	30.16 0.91 0.00	30.51 0.89 0.00	30.65 0.86 0.00	32.78 0.95 0.00	33.00 0.80 0.00	30.81 0.60 0.00	30.13 0.36 0.00	29.11 0.35 0.00	30.09 0.36 0.00	31.28 0.34 0.00	33.34 0.43 0.00	35.52 0.56 0.00	38.35 0.68 0.00	45.43 0.93 0.00	55.18 1.45 0.00	62.16 1.99 0.00	60.19 1.87 0.00	54.82 2.06 0.00	47.48 1.74 0.00	42.95 1.37 0.00	38.05 1.18 0.00
ROSETON____1 23587	40.37 1.40 0.00	36.33 1.23 0.00	32.35 0.94 0.00	30.13 0.88 0.00	30.45 0.83 0.00	30.65 0.86 0.00	32.84 1.02 0.00	33.39 1.19 0.00	31.33 1.12 0.00	30.90 1.13 0.00	29.88 1.12 0.00	30.93 1.19 0.00	32.29 1.36 0.00	34.29 1.38 0.00	36.40 1.43 0.00	39.26 1.58 0.00	46.37 1.87 0.00	55.61 1.88 0.00	62.16 1.98 0.00	60.25 1.92 0.00	54.72 1.95 0.00	47.52 1.78 0.00	43.28 1.71 0.00	38.28 1.40 0.00
ROSETON____2 23588	40.37 1.40 0.00	36.33 1.23 0.00	32.35 0.94 0.00	30.13 0.88 0.00	30.45 0.83 0.00	30.65 0.86 0.00	32.84 1.02 0.00	33.39 1.19 0.00	31.33 1.12 0.00	30.90 1.13 0.00	29.88 1.12 0.00	30.93 1.19 0.00	32.29 1.36 0.00	34.29 1.38 0.00	36.40 1.43 0.00	39.26 1.58 0.00	46.37 1.87 0.00	55.61 1.88 0.00	62.16 1.98 0.00	60.25 1.92 0.00	54.72 1.95 0.00	47.52 1.78 0.00	43.28 1.71 0.00	38.28 1.40 0.00
ROTTTRDAM_115KV_TB3 80664	39.98 1.01 0.00	35.98 0.88 0.00	32.19 0.79 0.00	29.95 0.70 0.00	30.36 0.74 0.00	30.53 0.74 0.00	32.62 0.80 0.00	33.00 0.80 0.00	30.81 0.60 0.00	30.25 0.48 0.00	29.17 0.40 0.00	30.15 0.42 0.00	31.37 0.43 0.00	33.41 0.49 0.00	35.52 0.56 0.00	38.24 0.57 0.00	45.30 0.80 0.00	54.70 0.97 0.00	61.56 1.38 0.00	59.78 1.46 0.00	54.35 1.58 0.00	47.11 1.37 0.00	42.90 1.33 0.00	37.94 1.07 0.00
RUSSELL____1 23602	39.20 0.23 0.00	35.28 0.18 0.00	31.34 -0.06 0.00	29.60 0.35 0.00	29.89 0.27 0.00	30.06 0.27 0.00	31.92 0.10 0.00	32.23 0.03 0.00	30.03 -0.18 0.00	29.80 0.03 0.00	28.74 -0.03 0.00	29.86 0.12 0.00	31.31 0.37 0.00	33.34 0.43 0.00	35.70 0.73 0.00	38.54 0.87 0.00	45.39 0.89 0.00	55.02 1.29 0.00	60.96 0.78 0.00	58.79 0.47 0.00	53.66 0.90 0.00	46.24 0.50 0.00	41.78 0.21 0.00	37.72 0.85 0.00
RUSSELL____2 23532	39.20 0.23 0.00	35.28 0.18 0.00	31.34 -0.06 0.00	29.60 0.35 0.00	29.89 0.27 0.00	30.06 0.27 0.00	31.92 0.10 0.00	32.23 0.03 0.00	30.03 -0.18 0.00	29.80 0.03 0.00	28.74 -0.03 0.00	29.86 0.12 0.00	31.31 0.37 0.00	33.34 0.43 0.00	35.70 0.73 0.00	38.54 0.87 0.00	45.39 0.89 0.00	55.02 1.29 0.00	60.96 0.78 0.00	58.79 0.47 0.00	53.66 0.90 0.00	46.24 0.50 0.00	41.78 0.21 0.00	37.72 0.85 0.00
RUSSELL____3 23549	39.20 0.23 0.00	35.28 0.18 0.00	31.34 -0.06 0.00	29.60 0.35 0.00	29.89 0.27 0.00	30.06 0.27 0.00	31.92 0.10 0.00	32.23 0.03 0.00	30.03 -0.18 0.00	29.80 0.03 0.00	28.74 -0.03 0.00	29.86 0.12 0.00	31.31 0.37 0.00	33.34 0.43 0.00	35.70 0.73 0.00	38.54 0.87 0.00	45.39 0.89 0.00	55.02 1.29 0.00	60.96 0.78 0.00	58.79 0.47 0.00	53.66 0.90 0.00	46.24 0.50 0.00	41.78 0.21 0.00	37.72 0.85 0.00
RUSSELL____4 23556	39.20 0.23 0.00	35.28 0.18 0.00	31.34 -0.06 0.00	29.60 0.35 0.00	29.89 0.27 0.00	30.06 0.27 0.00	31.92 0.10 0.00	32.23 0.03 0.00	30.03 -0.18 0.00	29.80 0.03 0.00	28.74 -0.03 0.00	29.86 0.12 0.00	31.31 0.37 0.00	33.34 0.43 0.00	35.70 0.73 0.00	38.54 0.87 0.00	45.39 0.89 0.00	55.02 1.29 0.00	60.96 0.78 0.00	58.79 0.47 0.00	53.66 0.90 0.00	46.24 0.50 0.00	41.78 0.21 0.00	37.72 0.85 0.00
RUSSELL____STATION 23914	39.20 0.23 0.00	35.28 0.18 0.00	31.34 -0.06 0.00	29.60 0.35 0.00	29.89 0.27 0.00	30.06 0.27 0.00	31.92 0.10 0.00	32.23 0.03 0.00	30.03 -0.18 0.00	29.80 0.03 0.00	28.74 -0.03 0.00	29.86 0.12 0.00	31.31 0.37 0.00	33.34 0.43 0.00	35.70 0.73 0.00	38.54 0.87 0.00	45.39 0.89 0.00	55.02 1.29 0.00	60.96 0.78 0.00	58.79 0.47 0.00	53.66 0.90 0.00	46.24 0.50 0.00	41.78 0.21 0.00	37.72 0.85 0.00
S SALMON____HYD 24043	38.89 -0.08 0.00	35.03 -0.07 0.00	31.44 0.03 0.00	29.31 0.06 0.00	29.59 -0.03 0.00	29.67 -0.12 0.00	31.64 -0.19 0.00	31.88 -0.32 0.00	29.79 -0.42 0.00	29.27 -0.51 0.00	28.30 -0.46 0.00	29.32 -0.42 0.00	30.44 -0.50 0.00	32.45 -0.46 0.00	34.44 -0.52 0.00	37.15 -0.53 0.00	43.83 -0.67 0.00	53.30 -0.43 0.00	59.88 -0.30 0.00	58.04 -0.29 0.00	52.82 0.05 0.00	45.74 0.00 0.00	41.49 -0.08 0.00	36.91 0.04 0.00
S.PERRY__115KV_TB1 80734	40.17 1.21 0.00	36.16 1.05 0.00	32.07 0.66 0.00	30.39 1.14 0.00	30.63 1.01 0.00	30.83 1.04 0.00	32.69 0.86 0.00	32.78 0.58 0.00	30.30 0.09 0.00	29.83 0.06 0.00	28.56 -0.20 0.00	29.59 -0.15 0.00	31.03 0.09 0.00	33.04 0.13 0.00	35.31 0.35 0.00	38.20 0.53 0.00	45.03 0.53 0.00	54.97 1.24 0.00	61.56 1.38 0.00	60.08 1.75 0.00	55.19 2.43 0.00	47.52 1.78 0.00	42.90 1.33 0.00	38.79 1.92 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.54 -0.43 0.00	34.89 -0.21 0.00	30.65 -0.75 0.00	29.40 0.15 0.00	29.62 0.00 0.00	29.82 0.03 0.00	31.48 -0.35 0.00	31.91 -0.29 0.00	29.61 -0.60 0.00	29.59 -0.18 0.00	28.33 -0.43 0.00	29.38 -0.36 0.00	31.00 0.06 0.00	33.01 0.10 0.00	35.31 0.35 0.00	38.16 0.49 0.00	44.50 0.00 0.00	53.57 -0.16 0.00	58.61 -1.56 0.00	56.46 -1.87 0.00	51.76 -1.00 0.00	44.55 -1.19 0.00	40.37 -1.21 0.00	37.46 0.59 0.00

SAWYER___23_KV_LOAD 55526	38.54 -0.43 0.00	34.89 -0.21 0.00	30.65 -0.75 0.00	29.40 0.15 0.00	29.62 0.00 0.00	29.82 0.03 0.00	31.48 -0.35 0.00	31.91 -0.29 0.00	29.61 -0.60 0.00	29.59 -0.18 0.00	28.33 -0.43 0.00	29.38 -0.36 0.00	31.00 0.06 0.00	33.01 0.10 0.00	35.31 0.35 0.00	38.16 0.49 0.00	44.50 0.00 0.00	53.57 -0.16 0.00	58.61 -1.56 0.00	56.46 -1.87 0.00	51.76 -1.00 0.00	44.55 -1.19 0.00	40.37 -1.21 0.00	37.46 0.59 0.00
SELKIRK___I 23801	39.90 0.93 0.00	35.95 0.84 0.00	32.10 0.69 0.00	29.89 0.64 0.00	30.24 0.62 0.00	30.42 0.63 0.00	32.46 0.64 0.00	32.81 0.61 0.00	30.48 0.27 0.00	29.92 0.15 0.00	28.88 0.12 0.00	29.80 0.06 0.00	31.06 0.12 0.00	33.08 0.17 0.00	35.18 0.21 0.00	37.94 0.27 0.00	44.94 0.44 0.00	54.21 0.48 0.00	61.08 0.90 0.00	59.38 1.05 0.00	53.92 1.16 0.00	46.83 1.10 0.00	42.65 1.08 0.00	37.72 0.85 0.00
SELKIRK___II 23799	39.74 0.78 0.00	35.81 0.70 0.00	31.94 0.53 0.00	29.78 0.53 0.00	30.09 0.47 0.00	30.27 0.48 0.00	32.30 0.48 0.00	32.78 0.58 0.00	30.57 0.36 0.00	30.04 0.27 0.00	29.02 0.26 0.00	29.97 0.24 0.00	31.24 0.31 0.00	33.21 0.30 0.00	35.31 0.35 0.00	38.05 0.38 0.00	45.07 0.58 0.00	54.27 0.54 0.00	60.96 0.78 0.00	59.14 0.82 0.00	53.72 0.95 0.00	46.61 0.87 0.00	42.45 0.87 0.00	37.54 0.66 0.00
SENECA OSWGO___HYD 24041	38.22 -0.74 0.00	34.47 -0.63 0.00	30.94 -0.47 0.00	28.87 -0.38 0.00	29.21 -0.41 0.00	29.34 -0.45 0.00	31.32 -0.51 0.00	31.62 -0.58 0.00	29.61 -0.60 0.00	29.24 -0.54 0.00	28.22 -0.55 0.00	29.20 -0.53 0.00	30.28 -0.65 0.00	32.29 -0.63 0.00	34.30 -0.67 0.00	36.96 -0.72 0.00	43.65 -0.85 0.00	52.93 -0.80 0.00	59.15 -1.02 0.00	57.28 -1.05 0.00	52.08 -0.69 0.00	45.05 -0.68 0.00	40.87 -0.71 0.00	36.36 -0.52 0.00
SENECA___115KV_TB3 355854	38.69 -0.27 0.00	35.03 -0.07 0.00	30.78 -0.63 0.00	29.48 0.23 0.00	29.71 0.09 0.00	29.94 0.15 0.00	31.67 -0.16 0.00	32.07 -0.13 0.00	29.82 -0.39 0.00	29.77 0.00 0.00	28.53 -0.23 0.00	29.62 -0.12 0.00	31.24 0.31 0.00	33.27 0.36 0.00	35.63 0.66 0.00	38.50 0.83 0.00	44.90 0.40 0.00	54.00 0.27 0.00	59.21 -0.96 0.00	57.10 -1.22 0.00	52.29 -0.47 0.00	45.01 -0.73 0.00	40.74 -0.83 0.00	37.72 0.85 0.00
SENECA___ENERGY 23797	38.81 -0.16 0.00	34.93 -0.17 0.00	31.28 -0.13 0.00	29.25 0.00 0.00	29.56 -0.06 0.00	29.73 -0.06 0.00	31.67 -0.16 0.00	31.97 -0.22 0.00	29.88 -0.33 0.00	29.53 -0.24 0.00	28.48 -0.29 0.00	29.50 -0.24 0.00	30.75 -0.18 0.00	32.78 -0.13 0.00	34.90 -0.07 0.00	37.64 -0.04 0.00	44.45 -0.04 0.00	53.95 0.22 0.00	60.12 -0.06 0.00	58.21 -0.12 0.00	52.98 0.21 0.00	45.74 0.00 0.00	41.53 -0.04 0.00	37.13 0.26 0.00
SHOEMAKER___GT 23640	40.17 1.21 0.00	36.16 1.05 0.00	32.22 0.82 0.00	30.01 0.76 0.00	30.33 0.71 0.00	30.54 0.75 0.00	32.72 0.89 0.00	33.20 1.00 0.00	31.11 0.91 0.00	30.70 0.92 0.00	29.68 0.92 0.00	30.69 0.95 0.00	32.05 1.11 0.00	34.06 1.15 0.00	36.15 1.19 0.00	38.99 1.32 0.00	46.10 1.60 0.00	55.45 1.72 0.00	61.98 1.80 0.00	60.14 1.81 0.00	54.56 1.80 0.00	47.34 1.60 0.00	43.07 1.49 0.00	38.09 1.22 0.00
SHOEMAKR_138KV_BK 111 55601	40.17 1.21 0.00	36.16 1.05 0.00	32.28 0.88 0.00	30.07 0.82 0.00	30.42 0.80 0.00	30.59 0.80 0.00	32.78 0.95 0.00	33.26 1.06 0.00	31.21 1.00 0.00	30.76 0.98 0.00	29.77 1.01 0.00	30.78 1.04 0.00	32.08 1.14 0.00	34.10 1.18 0.00	36.19 1.22 0.00	39.03 1.36 0.00	46.10 1.60 0.00	55.45 1.72 0.00	61.98 1.81 0.00	60.08 1.75 0.00	54.56 1.79 0.00	47.34 1.60 0.00	43.07 1.50 0.00	38.13 1.25 0.00
SHOREHAM_IC_1 23715	42.40 3.43 -0.01	37.98 2.88 0.00	33.26 1.85 0.00	30.77 1.52 0.00	30.87 1.24 0.00	31.07 1.28 0.00	34.09 2.26 0.00	34.80 2.61 0.00	32.96 2.75 0.00	32.94 3.15 -0.01	33.66 2.85 -2.05	34.24 2.71 -1.80	36.12 2.81 -2.37	39.28 2.86 -3.51	39.87 2.87 -2.03	41.39 3.20 -0.52	48.19 3.69 0.00	57.81 4.08 0.00	64.15 3.97 0.00	61.83 3.50 0.00	56.09 3.33 0.00	48.12 2.38 0.00	43.82 2.24 0.00	39.57 2.69 -0.01
SHOREHAM_IC_2 23716	42.47 3.51 0.00	37.98 2.88 0.00	33.35 1.95 0.00	30.95 1.70 0.00	31.13 1.51 0.00	31.22 1.43 0.00	34.18 2.36 0.00	34.93 2.74 0.00	33.02 2.81 0.00	33.02 3.25 0.00	33.86 3.05 -2.05	34.39 2.85 -1.80	36.24 2.94 -2.37	39.28 2.86 -3.51	39.87 2.87 -2.03	41.43 3.24 -0.52	48.19 3.69 0.00	57.87 4.14 0.00	64.15 3.97 0.00	61.94 3.62 0.00	56.09 3.32 0.00	48.12 2.38 0.00	43.86 2.29 0.00	39.68 2.80 0.00
SISSONVILLE____ 23735	39.94 0.97 0.00	35.98 0.88 0.00	32.16 0.75 0.00	29.75 0.50 0.00	30.21 0.59 0.00	30.42 0.63 0.00	32.56 0.73 0.00	32.68 0.48 0.00	30.69 0.48 0.00	30.22 0.45 0.00	29.22 0.46 0.00	30.21 0.48 0.00	31.34 0.40 0.00	33.27 0.36 0.00	35.31 0.35 0.00	38.05 0.38 0.00	44.81 0.31 0.00	54.32 0.59 0.00	61.26 1.08 0.00	59.49 1.17 0.00	53.66 0.90 0.00	46.47 0.73 0.00	42.16 0.58 0.00	37.28 0.41 0.00
SITHE_IND_GS1 24169	37.72 -1.25 0.00	34.02 -1.09 0.00	30.56 -0.85 0.00	28.52 -0.73 0.00	28.85 -0.77 0.00	29.02 -0.77 0.00	30.97 -0.86 0.00	31.30 -0.90 0.00	29.30 -0.91 0.00	28.94 -0.83 0.00	27.93 -0.84 0.00	28.91 -0.83 0.00	29.98 -0.96 0.00	31.92 -0.99 0.00	33.92 -1.05 0.00	36.55 -1.13 0.00	43.12 -1.38 0.00	52.17 -1.56 0.00	58.31 -1.87 0.00	56.52 -1.81 0.00	51.29 -1.48 0.00	44.37 -1.37 0.00	40.28 -1.29 0.00	35.84 -1.03 0.00
SITHE_IND_GS2 24170	37.72 -1.25 0.00	34.02 -1.09 0.00	30.56 -0.85 0.00	28.52 -0.73 0.00	28.85 -0.77 0.00	29.02 -0.77 0.00	30.97 -0.86 0.00	31.30 -0.90 0.00	29.30 -0.91 0.00	28.94 -0.83 0.00	27.93 -0.84 0.00	28.91 -0.83 0.00	29.98 -0.96 0.00	31.92 -0.99 0.00	33.92 -1.05 0.00	36.55 -1.13 0.00	43.12 -1.38 0.00	52.17 -1.56 0.00	58.31 -1.87 0.00	56.52 -1.81 0.00	51.29 -1.48 0.00	44.37 -1.37 0.00	40.28 -1.29 0.00	35.84 -1.03 0.00
SITHE_IND_GS3 24171	37.72 -1.25 0.00	34.02 -1.09 0.00	30.56 -0.85 0.00	28.52 -0.73 0.00	28.85 -0.77 0.00	29.02 -0.77 0.00	30.97 -0.86 0.00	31.30 -0.90 0.00	29.30 -0.91 0.00	28.94 -0.83 0.00	27.93 -0.84 0.00	28.91 -0.83 0.00	29.98 -0.96 0.00	31.92 -0.99 0.00	33.92 -1.05 0.00	36.55 -1.13 0.00	43.12 -1.38 0.00	52.17 -1.56 0.00	58.31 -1.87 0.00	56.52 -1.81 0.00	51.29 -1.48 0.00	44.37 -1.37 0.00	40.28 -1.29 0.00	35.84 -1.03 0.00
SITHE_IND_GS4 24172	37.72 -1.25 0.00	34.02 -1.09 0.00	30.56 -0.85 0.00	28.52 -0.73 0.00	28.85 -0.77 0.00	29.02 -0.77 0.00	30.97 -0.86 0.00	31.30 -0.90 0.00	29.30 -0.91 0.00	28.94 -0.83 0.00	27.93 -0.84 0.00	28.91 -0.83 0.00	29.98 -0.96 0.00	31.92 -0.99 0.00	33.92 -1.05 0.00	36.55 -1.13 0.00	43.12 -1.38 0.00	52.17 -1.56 0.00	58.31 -1.87 0.00	56.52 -1.81 0.00	51.29 -1.48 0.00	44.37 -1.37 0.00	40.28 -1.29 0.00	35.84 -1.03 0.00

SITHE___BATAVIA 24024	39.39 0.43 0.00	35.49 0.39 0.00	31.81 0.41 0.00	30.01 0.76 0.00	30.09 0.47 0.00	30.24 0.45 0.00	31.99 0.16 0.00	32.45 0.26 0.00	30.18 -0.03 0.00	29.89 0.12 0.00	28.65 -0.11 0.00	29.80 0.06 0.00	31.37 0.43 0.00	33.50 0.59 0.00	35.91 0.94 0.00	38.73 1.05 0.00	45.39 0.89 0.00	55.34 1.61 0.00	60.60 0.42 0.00	58.50 0.18 0.00	53.50 0.74 0.00	46.01 0.28 0.00	41.66 0.08 0.00	38.46 1.58 0.00
SITHE___INDEPEND 23800	37.72 -1.25 0.00	34.02 -1.09 0.00	30.46 -0.94 0.00	28.46 -0.79 0.00	28.79 -0.83 0.00	28.96 -0.83 0.00	30.87 -0.95 0.00	31.23 -0.97 0.00	29.24 -0.97 0.00	28.88 -0.89 0.00	27.87 -0.89 0.00	28.82 -0.92 0.00	29.95 -0.99 0.00	31.89 -1.02 0.00	33.88 -1.08 0.00	36.54 -1.13 0.00	43.12 -1.38 0.00	52.12 -1.61 0.00	58.31 -1.87 0.00	56.46 -1.87 0.00	51.29 -1.48 0.00	44.37 -1.37 0.00	40.28 -1.29 0.00	35.84 -1.03 0.00
SITHE___MASSENA 23902	39.63 0.66 0.00	35.70 0.60 0.00	31.91 0.50 0.00	29.54 0.29 0.00	30.01 0.38 0.00	30.21 0.42 0.00	32.30 0.48 0.00	32.49 0.29 0.00	30.57 0.36 0.00	30.16 0.39 0.00	29.14 0.37 0.00	30.12 0.39 0.00	31.28 0.34 0.00	33.21 0.30 0.00	35.24 0.28 0.00	37.94 0.27 0.00	44.68 0.18 0.00	54.06 0.32 0.00	60.78 0.60 0.00	58.97 0.64 0.00	53.08 0.32 0.00	46.01 0.28 0.00	41.78 0.21 0.00	37.02 0.15 0.00
SITHE___OGDNSBRG 24021	40.29 1.32 0.00	36.30 1.19 0.00	32.47 1.07 0.00	30.01 0.76 0.00	30.48 0.86 0.00	30.65 0.86 0.00	32.81 0.99 0.00	32.84 0.64 0.00	30.78 0.57 0.00	30.25 0.48 0.00	29.25 0.49 0.00	30.24 0.51 0.00	31.34 0.40 0.00	33.31 0.39 0.00	35.35 0.38 0.00	38.05 0.38 0.00	44.90 0.40 0.00	54.48 0.75 0.00	61.62 1.44 0.00	60.02 1.69 0.00	54.19 1.42 0.00	46.97 1.23 0.00	42.57 1.00 0.00	37.69 0.81 0.00
SITHE___STERLING 23777	39.78 0.82 0.00	35.84 0.74 0.00	32.10 0.69 0.00	29.92 0.67 0.00	30.24 0.62 0.00	30.42 0.63 0.00	32.50 0.67 0.00	32.74 0.55 0.00	30.60 0.39 0.00	30.01 0.24 0.00	28.99 0.23 0.00	29.97 0.24 0.00	31.15 0.22 0.00	33.21 0.30 0.00	35.35 0.39 0.00	38.13 0.45 0.00	45.12 0.62 0.00	54.81 1.07 0.00	61.56 1.39 0.00	59.67 1.34 0.00	54.30 1.53 0.00	47.02 1.28 0.00	42.57 1.00 0.00	37.76 0.88 0.00
SLEIGHT__34_KV_TB1 80719	38.65 -0.31 0.00	34.79 -0.32 0.00	31.00 -0.41 0.00	29.16 -0.09 0.00	29.44 -0.18 0.00	29.61 -0.18 0.00	31.51 -0.32 0.00	31.81 -0.39 0.00	29.67 -0.54 0.00	29.39 -0.39 0.00	28.33 -0.43 0.00	29.35 -0.39 0.00	30.69 -0.25 0.00	32.68 -0.23 0.00	34.93 -0.03 0.00	37.71 0.04 0.00	44.45 -0.04 0.00	53.95 0.21 0.00	60.06 -0.12 0.00	58.04 -0.29 0.00	52.87 0.11 0.00	45.60 -0.14 0.00	41.28 -0.29 0.00	37.02 0.15 0.00
SMITHTWN_69_KV_BK 1 55830	42.47 3.51 0.00	38.02 2.91 0.00	33.51 2.10 0.00	31.09 1.84 0.00	31.31 1.69 0.00	31.40 1.61 0.00	34.12 2.29 0.00	34.84 2.64 0.00	32.93 2.72 0.00	32.87 3.10 0.00	33.75 2.93 -2.05	34.48 2.94 -1.80	36.40 3.09 -2.37	39.58 3.16 -3.51	40.29 3.29 -2.03	41.85 3.65 -0.52	48.68 4.18 0.00	58.35 4.62 0.00	64.45 4.27 0.00	62.29 3.97 0.00	56.51 3.75 0.00	48.57 2.84 0.00	44.19 2.62 0.00	40.08 3.21 0.00
SOUTH CAIRO___GT 23612	40.91 1.95 0.00	36.83 1.72 0.00	32.88 1.48 0.00	30.54 1.29 0.00	30.95 1.33 0.00	31.04 1.25 0.00	33.20 1.37 0.00	33.42 1.22 0.00	30.87 0.66 0.00	30.16 0.39 0.00	29.05 0.29 0.00	29.95 0.21 0.00	31.21 0.28 0.00	33.37 0.46 0.00	35.49 0.52 0.00	38.35 0.68 0.00	45.74 1.25 0.00	55.61 1.88 0.00	63.01 2.83 0.00	61.42 3.09 0.00	55.93 3.17 0.00	48.35 2.61 0.00	43.90 2.33 0.00	38.72 1.84 0.00
SOUTH HAMPTN___IC 23720	42.75 3.78 -0.01	38.27 3.16 0.00	33.51 2.10 0.00	30.98 1.73 0.00	31.07 1.45 0.00	31.28 1.49 0.00	34.21 2.39 0.00	35.00 2.80 0.00	33.23 3.02 0.00	33.29 3.51 -0.01	34.09 3.28 -2.05	34.77 3.24 -1.80	36.77 3.46 -2.37	40.01 3.59 -3.51	40.74 3.74 -2.03	42.41 4.22 -0.52	49.44 4.94 0.00	59.32 5.59 0.00	65.77 5.60 0.00	63.34 5.02 0.00	57.41 4.64 0.00	49.21 3.47 0.00	44.78 3.20 0.00	40.42 3.54 -0.01
SOUTHDOW_115KV_TB1 355954	39.16 0.19 0.00	35.49 0.39 0.00	31.19 -0.22 0.00	29.86 0.61 0.00	30.07 0.44 0.00	30.39 0.60 0.00	32.18 0.35 0.00	32.65 0.45 0.00	30.48 0.27 0.00	30.37 0.60 0.00	29.22 0.46 0.00	30.36 0.62 0.00	32.05 1.11 0.00	34.16 1.25 0.00	36.50 1.54 0.00	39.45 1.77 0.00	46.01 1.51 0.00	55.40 1.67 0.00	60.84 0.66 0.00	58.74 0.41 0.00	53.72 0.95 0.00	46.15 0.41 0.00	41.66 0.08 0.00	38.28 1.40 0.00
SOUTHOLD_69_KV_BK 2 55809	43.06 4.09 0.00	38.48 3.37 0.00	33.70 2.29 0.00	31.21 1.96 0.00	31.40 1.78 0.00	31.49 1.70 0.00	34.28 2.45 0.00	35.29 3.09 0.00	33.47 3.26 0.00	33.67 3.90 0.00	34.67 3.85 -2.05	35.43 3.90 -1.80	37.51 4.21 -2.37	40.76 4.34 -3.51	41.68 4.69 -2.03	43.54 5.35 -0.52	50.77 6.27 0.00	61.04 7.31 0.00	67.64 7.46 0.00	65.21 6.88 0.00	58.83 6.07 0.00	50.45 4.71 0.00	45.86 4.28 0.00	41.41 4.54 0.00
SOUTHOLD___IC 23719	42.99 4.01 -0.01	38.44 3.34 0.00	33.64 2.23 0.00	31.06 1.81 0.00	31.13 1.51 0.00	31.34 1.55 0.00	34.18 2.36 0.00	35.13 2.93 0.00	33.41 3.20 0.00	33.62 3.84 -0.01	34.49 3.68 -2.05	35.28 3.75 -1.80	37.39 4.08 -2.37	40.76 4.34 -3.51	41.69 4.69 -2.03	43.54 5.35 -0.52	50.81 6.32 0.00	61.04 7.31 0.00	67.64 7.46 0.00	65.09 6.76 0.00	58.83 6.07 0.00	50.45 4.71 0.00	45.82 4.24 0.00	41.34 4.46 -0.01
SOUTH_FORK_WT_PWR 323839	42.71 3.74 -0.01	38.19 3.09 0.00	33.39 1.98 0.00	30.83 1.58 0.00	30.89 1.27 0.00	31.10 1.31 0.00	33.87 2.04 0.00	34.90 2.70 0.00	33.23 3.02 0.00	33.47 3.69 -0.01	34.44 3.62 -2.05	35.25 3.72 -1.80	37.39 4.08 -2.37	40.83 4.41 -3.51	41.75 4.75 -2.03	43.62 5.43 -0.52	50.91 6.41 0.00	61.20 7.47 0.00	67.82 7.64 0.00	65.26 6.94 0.00	58.99 6.22 0.00	50.58 4.85 0.00	45.98 4.40 0.00	41.49 4.61 -0.01
SPIERFLS_115KV_TB 1 80737	40.17 1.21 0.00	36.23 1.12 0.00	32.44 1.04 0.00	30.07 0.82 0.00	30.54 0.92 0.00	30.74 0.95 0.00	32.85 1.02 0.00	33.20 1.00 0.00	31.51 1.30 0.00	30.84 1.07 0.00	29.43 0.66 0.00	30.36 0.62 0.00	31.55 0.62 0.00	33.73 0.82 0.00	35.94 0.98 0.00	37.90 0.23 0.00	44.99 0.49 0.00	54.48 0.75 0.00	62.34 2.17 0.00	60.66 2.33 0.00	55.40 2.64 0.00	47.84 2.10 0.00	43.61 2.04 0.00	38.50 1.62 0.00
ST LAWRENCE____ 23600	39.00 0.04 0.00	35.14 0.04 0.00	31.44 0.03 0.00	29.16 -0.09 0.00	29.59 -0.03 0.00	29.76 -0.03 0.00	31.83 0.00 0.00	32.07 -0.13 0.00	30.21 0.00 0.00	29.77 0.00 0.00	28.79 0.03 0.00	29.74 0.00 0.00	30.90 -0.03 0.00	32.85 -0.07 0.00	34.86 -0.10 0.00	37.49 -0.19 0.00	44.23 -0.27 0.00	53.41 -0.32 0.00	60.00 -0.18 0.00	58.15 -0.17 0.00	52.34 -0.42 0.00	45.33 -0.41 0.00	41.20 -0.37 0.00	36.51 -0.37 0.00

STATE_CA_115KV_115_LB 55624	39.90 0.94 0.00	35.91 0.81 0.00	32.13 0.72 0.00	29.86 0.61 0.00	30.18 0.56 0.00	30.36 0.57 0.00	32.40 0.57 0.00	32.84 0.64 0.00	30.63 0.42 0.00	30.07 0.30 0.00	29.02 0.26 0.00	29.98 0.24 0.00	31.21 0.28 0.00	33.24 0.33 0.00	35.31 0.35 0.00	38.05 0.38 0.00	45.12 0.62 0.00	54.43 0.70 0.00	61.14 0.96 0.00	59.38 1.05 0.00	53.87 1.11 0.00	46.74 1.01 0.00	42.61 1.04 0.00	37.61 0.74 0.00
STATE_ST_34_KV_LOAD 55959	38.89 -0.08 0.00	35.03 -0.07 0.00	31.28 -0.13 0.00	29.31 0.06 0.00	29.62 0.00 0.00	29.79 0.00 0.00	31.76 -0.06 0.00	32.07 -0.13 0.00	29.97 -0.24 0.00	29.56 -0.21 0.00	28.53 -0.23 0.00	29.50 -0.24 0.00	30.75 -0.19 0.00	32.75 -0.16 0.00	34.86 -0.10 0.00	37.64 -0.04 0.00	44.50 0.00 0.00	53.95 0.21 0.00	60.36 0.18 0.00	58.44 0.12 0.00	53.19 0.42 0.00	45.97 0.23 0.00	41.66 0.08 0.00	37.13 0.26 0.00
STATION_5_MISC_HYD 23604	39.04 0.08 0.00	35.10 0.00 0.00	31.41 0.00 0.00	29.48 0.23 0.00	29.77 0.15 0.00	29.91 0.12 0.00	31.76 -0.06 0.00	32.07 -0.13 0.00	29.94 -0.27 0.00	29.71 -0.06 0.00	28.62 -0.14 0.00	29.74 0.00 0.00	31.12 0.19 0.00	33.21 0.30 0.00	35.52 0.56 0.00	38.28 0.60 0.00	45.07 0.58 0.00	54.81 1.07 0.00	60.54 0.36 0.00	58.44 0.12 0.00	53.24 0.47 0.00	45.92 0.18 0.00	41.57 0.00 0.00	37.54 0.66 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.85 -0.12 0.00	35.00 -0.11 0.00	31.15 -0.25 0.00	29.34 0.09 0.00	29.62 0.00 0.00	29.79 0.00 0.00	31.70 -0.13 0.00	32.00 -0.19 0.00	29.85 -0.36 0.00	29.56 -0.21 0.00	28.48 -0.29 0.00	29.53 -0.21 0.00	30.87 -0.06 0.00	32.91 0.00 0.00	35.14 0.17 0.00	37.94 0.26 0.00	44.76 0.27 0.00	54.21 0.48 0.00	60.36 0.18 0.00	58.27 -0.06 0.00	53.13 0.37 0.00	45.83 0.09 0.00	41.49 -0.08 0.00	37.28 0.41 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.77 -0.19 0.00	34.89 -0.21 0.00	31.03 -0.38 0.00	29.28 0.03 0.00	29.56 -0.06 0.00	29.73 -0.06 0.00	31.57 -0.25 0.00	31.91 -0.29 0.00	29.73 -0.48 0.00	29.50 -0.27 0.00	28.45 -0.32 0.00	29.53 -0.21 0.00	30.93 0.00 0.00	32.94 0.03 0.00	35.24 0.28 0.00	38.05 0.38 0.00	44.81 0.31 0.00	54.32 0.59 0.00	60.18 0.00 0.00	58.09 -0.23 0.00	52.98 0.21 0.00	45.69 -0.05 0.00	41.32 -0.25 0.00	37.24 0.37 0.00
STA_56___34_KV_BUS2 355983	38.77 -0.19 0.00	34.89 -0.21 0.00	31.03 -0.38 0.00	29.28 0.03 0.00	29.56 -0.06 0.00	29.73 -0.06 0.00	31.57 -0.25 0.00	31.91 -0.29 0.00	29.73 -0.48 0.00	29.50 -0.27 0.00	28.45 -0.32 0.00	29.53 -0.21 0.00	30.93 0.00 0.00	32.94 0.03 0.00	35.24 0.28 0.00	38.05 0.38 0.00	44.81 0.31 0.00	54.32 0.59 0.00	60.18 0.00 0.00	58.09 -0.23 0.00	52.98 0.21 0.00	45.69 -0.05 0.00	41.32 -0.25 0.00	37.24 0.37 0.00
STA_67___115KV_BK2 355882	38.93 -0.04 0.00	35.03 -0.07 0.00	31.15 -0.25 0.00	29.43 0.18 0.00	29.68 0.06 0.00	29.85 0.06 0.00	31.70 -0.13 0.00	32.04 -0.16 0.00	29.85 -0.36 0.00	29.62 -0.15 0.00	28.53 -0.23 0.00	29.62 -0.12 0.00	31.03 0.09 0.00	33.04 0.13 0.00	35.35 0.38 0.00	38.16 0.49 0.00	44.90 0.40 0.00	54.43 0.70 0.00	60.30 0.12 0.00	58.21 -0.12 0.00	53.08 0.32 0.00	45.78 0.05 0.00	41.41 -0.17 0.00	37.43 0.55 0.00
STA_7___115KV_9TRANS 80674	39.20 0.23 0.00	35.28 0.18 0.00	31.34 -0.06 0.00	29.60 0.35 0.00	29.89 0.27 0.00	30.06 0.27 0.00	31.92 0.10 0.00	32.23 0.03 0.00	30.03 -0.18 0.00	29.80 0.03 0.00	28.74 -0.03 0.00	29.86 0.12 0.00	31.31 0.37 0.00	33.34 0.43 0.00	35.70 0.73 0.00	38.54 0.87 0.00	45.39 0.89 0.00	55.02 1.29 0.00	60.96 0.78 0.00	58.79 0.47 0.00	53.66 0.90 0.00	46.24 0.50 0.00	41.78 0.21 0.00	37.72 0.85 0.00
STA_82___115KV_TB1 80780	38.93 -0.04 0.00	35.07 -0.04 0.00	31.15 -0.25 0.00	29.43 0.18 0.00	29.71 0.09 0.00	29.88 0.09 0.00	31.70 -0.13 0.00	32.04 -0.16 0.00	29.85 -0.36 0.00	29.62 -0.15 0.00	28.53 -0.23 0.00	29.62 -0.12 0.00	31.03 0.09 0.00	33.04 0.13 0.00	35.35 0.38 0.00	38.16 0.49 0.00	44.94 0.44 0.00	54.43 0.70 0.00	60.30 0.12 0.00	58.21 -0.12 0.00	53.08 0.32 0.00	45.78 0.05 0.00	41.41 -0.17 0.00	37.43 0.55 0.00
STEEL___WIND 323596	38.73 -0.23 0.00	35.00 -0.10 0.00	31.12 -0.28 0.00	29.43 0.18 0.00	29.65 0.03 0.00	29.82 0.03 0.00	31.51 -0.32 0.00	31.94 -0.26 0.00	29.79 -0.42 0.00	29.74 -0.03 0.00	28.50 -0.26 0.00	29.62 -0.12 0.00	31.24 0.31 0.00	33.41 0.49 0.00	35.70 0.74 0.00	38.43 0.75 0.00	44.85 0.35 0.00	54.38 0.65 0.00	59.15 -1.02 0.00	57.16 -1.17 0.00	52.24 -0.53 0.00	44.96 -0.78 0.00	40.74 -0.83 0.00	37.72 0.85 0.00
STEPHTWN_115KV_BK_2 55603	40.06 1.09 0.00	36.05 0.95 0.00	32.25 0.85 0.00	29.98 0.73 0.00	30.30 0.68 0.00	30.48 0.69 0.00	32.53 0.70 0.00	33.00 0.80 0.00	30.72 0.51 0.00	30.16 0.39 0.00	29.11 0.35 0.00	30.06 0.33 0.00	31.31 0.37 0.00	33.37 0.46 0.00	35.45 0.49 0.00	38.24 0.57 0.00	45.34 0.85 0.00	54.75 1.02 0.00	61.50 1.32 0.00	59.73 1.40 0.00	54.24 1.48 0.00	47.02 1.28 0.00	42.86 1.29 0.00	37.83 0.96 0.00
STEUBEN_REC_LFGE 323667	39.39 0.43 0.00	35.60 0.49 0.00	31.44 0.03 0.00	29.89 0.64 0.00	30.12 0.50 0.00	30.39 0.60 0.00	32.21 0.38 0.00	32.46 0.26 0.00	30.12 -0.09 0.00	29.83 0.06 0.00	28.62 -0.14 0.00	29.62 -0.12 0.00	31.12 0.19 0.00	33.11 0.20 0.00	35.35 0.38 0.00	38.24 0.57 0.00	44.90 0.40 0.00	54.43 0.70 0.00	60.48 0.30 0.00	58.74 0.41 0.00	53.87 1.11 0.00	46.38 0.64 0.00	41.99 0.42 0.00	38.17 1.29 0.00
STILLWATER___SOLAR 323814	40.48 1.52 0.00	36.47 1.37 0.00	32.57 1.16 0.00	30.27 1.02 0.00	30.72 1.10 0.00	30.89 1.10 0.00	33.00 1.18 0.00	33.39 1.19 0.00	30.96 0.76 0.00	30.31 0.54 0.00	29.11 0.35 0.00	30.03 0.30 0.00	31.31 0.37 0.00	33.41 0.49 0.00	35.56 0.59 0.00	38.43 0.75 0.00	45.65 1.15 0.00	55.18 1.45 0.00	62.46 2.29 0.00	60.78 2.45 0.00	55.35 2.58 0.00	47.93 2.20 0.00	43.69 2.12 0.00	38.61 1.73 0.00
STONY___BROOK 24151	42.40 3.43 -0.01	38.02 2.91 0.00	33.45 2.04 0.00	30.95 1.70 0.00	31.07 1.45 0.00	31.28 1.49 0.00	34.05 2.23 0.00	34.74 2.54 0.00	32.90 2.69 0.00	32.85 3.07 -0.01	33.63 2.82 -2.05	34.39 2.86 -1.80	36.34 3.03 -2.37	39.55 3.13 -3.51	40.25 3.25 -2.03	41.81 3.62 -0.52	48.64 4.14 0.00	58.30 4.56 0.00	64.33 4.15 0.00	62.00 3.68 0.00	56.51 3.75 0.00	48.57 2.84 0.00	44.19 2.62 0.00	39.98 3.10 -0.01
STURGEON_POOL_HYD 23609	40.48 1.52 0.00	36.44 1.33 0.00	32.54 1.13 0.00	30.27 1.02 0.00	30.63 1.01 0.00	30.77 0.98 0.00	33.04 1.21 0.00	33.52 1.32 0.00	31.42 1.21 0.00	30.96 1.19 0.00	30.00 1.24 0.00	31.02 1.28 0.00	32.36 1.42 0.00	34.36 1.45 0.00	36.50 1.54 0.00	39.41 1.73 0.00	46.59 2.09 0.00	55.99 2.26 0.00	62.52 2.35 0.00	60.60 2.27 0.00	54.98 2.22 0.00	47.75 2.01 0.00	43.49 1.91 0.00	38.42 1.55 0.00

ST_LAW_115_BK7_LBMP 345037	39.04 0.08 0.00	35.18 0.07 0.00	31.47 0.06 0.00	29.16 -0.09 0.00	29.62 0.00 0.00	29.79 0.00 0.00	31.83 0.00 0.00	32.10 -0.10 0.00	30.21 0.00 0.00	29.80 0.03 0.00	28.82 0.06 0.00	29.77 0.03 0.00	30.90 -0.03 0.00	32.85 -0.07 0.00	34.86 -0.10 0.00	37.49 -0.19 0.00	44.19 -0.31 0.00	53.41 -0.32 0.00	60.00 -0.18 0.00	58.15 -0.17 0.00	52.34 -0.42 0.00	45.37 -0.37 0.00	41.20 -0.37 0.00	36.51 -0.37 0.00
ST_LAW_115_BK8_LBMP 345038	39.04 0.08 0.00	35.18 0.07 0.00	31.47 0.06 0.00	29.16 -0.09 0.00	29.62 0.00 0.00	29.79 0.00 0.00	31.83 0.00 0.00	32.10 -0.10 0.00	30.21 0.00 0.00	29.80 0.03 0.00	28.82 0.06 0.00	29.77 0.03 0.00	30.90 -0.03 0.00	32.85 -0.07 0.00	34.86 -0.10 0.00	37.49 -0.19 0.00	44.19 -0.31 0.00	53.41 -0.32 0.00	60.00 -0.18 0.00	58.15 -0.17 0.00	52.34 -0.42 0.00	45.37 -0.37 0.00	41.20 -0.37 0.00	36.51 -0.37 0.00
ST_LAW_230_BK5_LBMP 345035	39.00 0.04 0.00	35.14 0.04 0.00	31.44 0.03 0.00	29.16 -0.09 0.00	29.59 -0.03 0.00	29.76 -0.03 0.00	31.83 0.00 0.00	32.07 -0.13 0.00	30.21 0.00 0.00	29.77 0.00 0.00	28.79 0.03 0.00	29.74 0.00 0.00	30.90 -0.03 0.00	32.85 -0.07 0.00	34.86 -0.10 0.00	37.49 -0.19 0.00	44.23 -0.27 0.00	53.41 -0.32 0.00	60.00 -0.18 0.00	58.15 -0.17 0.00	52.34 -0.42 0.00	45.33 -0.41 0.00	41.20 -0.37 0.00	36.51 -0.37 0.00
ST_LAW_230_BK6_LBMP 345036	39.00 0.04 0.00	35.14 0.04 0.00	31.44 0.03 0.00	29.16 -0.09 0.00	29.59 -0.03 0.00	29.76 -0.03 0.00	31.83 0.00 0.00	32.07 -0.13 0.00	30.21 0.00 0.00	29.77 0.00 0.00	28.79 0.03 0.00	29.74 0.00 0.00	30.90 -0.03 0.00	32.85 -0.07 0.00	34.86 -0.10 0.00	37.49 -0.19 0.00	44.23 -0.27 0.00	53.41 -0.32 0.00	60.00 -0.18 0.00	58.15 -0.17 0.00	52.34 -0.42 0.00	45.33 -0.41 0.00	41.20 -0.37 0.00	36.51 -0.37 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.37 1.40 0.00	36.33 1.23 0.00	32.41 1.00 0.00	30.19 0.94 0.00	30.54 0.92 0.00	30.71 0.92 0.00	32.94 1.11 0.00	33.42 1.22 0.00	31.39 1.18 0.00	30.96 1.19 0.00	30.00 1.24 0.00	31.02 1.28 0.00	32.33 1.39 0.00	34.36 1.45 0.00	36.43 1.47 0.00	39.29 1.62 0.00	46.41 1.91 0.00	55.72 1.99 0.00	62.28 2.11 0.00	60.37 2.04 0.00	54.77 2.01 0.00	47.57 1.83 0.00	43.32 1.75 0.00	38.28 1.40 0.00
SWANROAD_115KV_TB1 355699	37.95 -1.01 0.00	34.37 -0.74 0.00	30.18 -1.22 0.00	28.96 -0.29 0.00	29.18 -0.44 0.00	29.37 -0.42 0.00	31.41 -0.41 0.00	31.39 -0.80 0.00	29.51 -0.69 0.00	29.12 -0.65 0.00	27.84 -0.92 0.00	28.88 -0.86 0.00	30.44 -0.49 0.00	32.45 -0.46 0.00	34.76 -0.21 0.00	37.52 -0.15 0.00	43.74 -0.76 0.00	52.66 -1.07 0.00	57.53 -2.65 0.00	55.41 -2.92 0.00	50.81 -1.95 0.00	43.77 -1.97 0.00	39.70 -1.87 0.00	37.39 0.52 0.00
SYNERGY___BIOGAS 323694	39.35 0.39 0.00	35.49 0.39 0.00	31.31 -0.09 0.00	29.86 0.61 0.00	30.10 0.47 0.00	30.30 0.51 0.00	32.24 0.41 0.00	32.36 0.16 0.00	30.18 -0.03 0.00	29.86 0.09 0.00	28.62 -0.14 0.00	29.74 0.00 0.00	31.34 0.40 0.00	33.37 0.46 0.00	35.80 0.84 0.00	38.73 1.05 0.00	45.39 0.89 0.00	54.97 1.24 0.00	60.54 0.36 0.00	58.39 0.06 0.00	53.50 0.74 0.00	46.01 0.27 0.00	41.57 0.00 0.00	38.42 1.55 0.00
SYRACUSE___ENERGY_ST1 323597	38.61 -0.35 0.00	34.79 -0.32 0.00	31.12 -0.28 0.00	29.13 -0.12 0.00	29.44 -0.18 0.00	29.61 -0.18 0.00	31.57 -0.25 0.00	31.91 -0.29 0.00	29.85 -0.36 0.00	29.47 -0.30 0.00	28.45 -0.32 0.00	29.41 -0.33 0.00	30.59 -0.34 0.00	32.62 -0.30 0.00	34.65 -0.31 0.00	37.37 -0.30 0.00	44.14 -0.36 0.00	53.46 -0.27 0.00	59.82 -0.36 0.00	57.92 -0.41 0.00	52.61 -0.16 0.00	45.51 -0.23 0.00	41.28 -0.29 0.00	36.76 -0.11 0.00
SYRACUSE___ENERGY_ST2 323598	38.61 -0.35 0.00	34.79 -0.32 0.00	31.12 -0.28 0.00	29.13 -0.12 0.00	29.44 -0.18 0.00	29.61 -0.18 0.00	31.57 -0.25 0.00	31.91 -0.29 0.00	29.85 -0.36 0.00	29.47 -0.30 0.00	28.45 -0.32 0.00	29.41 -0.33 0.00	30.59 -0.34 0.00	32.62 -0.30 0.00	34.65 -0.31 0.00	37.37 -0.30 0.00	44.14 -0.36 0.00	53.46 -0.27 0.00	59.82 -0.36 0.00	57.92 -0.41 0.00	52.61 -0.16 0.00	45.51 -0.23 0.00	41.28 -0.29 0.00	36.76 -0.11 0.00
SYRACUSE___POWER 24017	38.50 -0.47 0.00	34.75 -0.35 0.00	31.09 -0.31 0.00	29.07 -0.18 0.00	29.38 -0.24 0.00	29.55 -0.24 0.00	31.51 -0.32 0.00	31.84 -0.35 0.00	29.82 -0.39 0.00	29.42 -0.36 0.00	28.42 -0.35 0.00	29.38 -0.36 0.00	30.56 -0.37 0.00	32.58 -0.33 0.00	34.62 -0.35 0.00	37.30 -0.38 0.00	44.05 -0.44 0.00	53.35 -0.38 0.00	59.70 -0.48 0.00	57.80 -0.52 0.00	52.50 -0.26 0.00	45.42 -0.32 0.00	41.20 -0.37 0.00	36.65 -0.22 0.00
TALLMAN__138KV_BK151 55660	40.56 1.60 0.00	36.51 1.40 0.00	32.60 1.19 0.00	30.36 1.11 0.00	30.69 1.07 0.00	30.86 1.07 0.00	33.13 1.30 0.00	33.65 1.45 0.00	31.66 1.45 0.00	31.26 1.49 0.00	30.29 1.52 0.00	31.34 1.61 0.00	32.70 1.76 0.00	34.69 1.78 0.00	36.78 1.82 0.00	39.67 2.00 0.00	46.77 2.27 0.00	56.04 2.31 0.00	62.52 2.35 0.00	60.60 2.27 0.00	54.98 2.22 0.00	47.80 2.06 0.00	43.53 1.95 0.00	38.50 1.62 0.00
TEALLAVE_115KV_TB7 355573	38.38 -0.58 0.00	34.61 -0.49 0.00	31.00 -0.41 0.00	28.99 -0.26 0.00	29.30 -0.33 0.00	29.46 -0.33 0.00	31.44 -0.38 0.00	31.78 -0.42 0.00	29.73 -0.48 0.00	29.36 -0.42 0.00	28.33 -0.43 0.00	29.29 -0.45 0.00	30.50 -0.43 0.00	32.48 -0.43 0.00	34.51 -0.45 0.00	37.18 -0.49 0.00	43.87 -0.62 0.00	53.14 -0.59 0.00	59.45 -0.72 0.00	57.51 -0.82 0.00	52.29 -0.47 0.00	45.24 -0.50 0.00	41.03 -0.54 0.00	36.54 -0.33 0.00
TELGRAPH_34_KV_EAST 80808	38.77 -0.19 0.00	35.03 -0.07 0.00	30.84 -0.57 0.00	29.51 0.26 0.00	29.74 0.12 0.00	29.94 0.15 0.00	31.86 0.03 0.00	31.97 -0.23 0.00	29.91 -0.30 0.00	29.59 -0.18 0.00	28.36 -0.40 0.00	29.44 -0.30 0.00	31.03 0.09 0.00	33.08 0.16 0.00	35.45 0.49 0.00	38.31 0.64 0.00	44.76 0.27 0.00	54.05 0.32 0.00	59.27 -0.90 0.00	57.16 -1.17 0.00	52.34 -0.42 0.00	45.05 -0.69 0.00	40.78 -0.79 0.00	37.94 1.07 0.00
TEMPLE___115KV_TB 2 55572	38.38 -0.58 0.00	34.65 -0.46 0.00	31.00 -0.41 0.00	29.02 -0.23 0.00	29.32 -0.30 0.00	29.49 -0.30 0.00	31.44 -0.38 0.00	31.78 -0.42 0.00	29.76 -0.45 0.00	29.39 -0.39 0.00	28.36 -0.40 0.00	29.32 -0.42 0.00	30.50 -0.43 0.00	32.52 -0.39 0.00	34.51 -0.45 0.00	37.18 -0.49 0.00	43.92 -0.58 0.00	53.19 -0.54 0.00	59.45 -0.72 0.00	57.57 -0.76 0.00	52.29 -0.47 0.00	45.24 -0.50 0.00	41.07 -0.50 0.00	36.54 -0.33 0.00
TIANA____69_KV_BK 1 55817	42.74 3.78 0.00	38.23 3.12 0.00	33.57 2.17 0.00	31.12 1.87 0.00	31.34 1.72 0.00	31.40 1.61 0.00	34.31 2.48 0.00	35.13 2.93 0.00	33.23 3.02 0.00	33.29 3.51 0.00	34.15 3.34 -2.05	34.77 3.24 -1.80	36.71 3.40 -2.37	39.84 3.42 -3.51	40.53 3.53 -2.03	42.19 3.99 -0.52	49.12 4.63 0.00	59.00 5.27 0.00	65.35 5.18 0.00	63.11 4.78 0.00	57.09 4.33 0.00	48.99 3.25 0.00	44.57 2.99 0.00	40.30 3.43 0.00

TILDEN___115KV_TB1 80814	38.50 -0.47 0.00	34.75 -0.35 0.00	31.09 -0.31 0.00	29.07 -0.18 0.00	29.38 -0.24 0.00	29.55 -0.24 0.00	31.51 -0.32 0.00	31.84 -0.35 0.00	29.82 -0.39 0.00	29.42 -0.36 0.00	28.42 -0.35 0.00	29.38 -0.36 0.00	30.56 -0.37 0.00	32.58 -0.33 0.00	34.62 -0.35 0.00	37.30 -0.38 0.00	44.05 -0.44 0.00	53.35 -0.38 0.00	59.70 -0.48 0.00	57.80 -0.52 0.00	52.50 -0.26 0.00	45.42 -0.32 0.00	41.20 -0.37 0.00	36.65 -0.22 0.00
TRIGEN___CC 323695	41.61 2.65 0.00	37.32 2.21 0.00	33.10 1.70 0.00	30.74 1.49 0.00	30.98 1.36 0.00	31.13 1.34 0.00	33.61 1.78 0.00	34.26 2.06 0.00	32.32 2.11 0.00	32.07 2.29 0.00	32.97 2.16 -2.05	33.76 2.23 -1.80	35.69 2.38 -2.37	38.85 2.44 -3.51	39.52 2.52 -2.03	40.94 2.75 -0.52	47.79 3.29 0.00	57.17 3.44 0.00	63.55 3.37 0.00	61.48 3.15 0.00	55.61 2.85 0.00	48.12 2.38 0.00	43.86 2.29 0.00	39.49 2.62 0.00
TRINITY__115KV__4 BK 55933	39.78 0.82 0.00	35.84 0.74 0.00	32.07 0.66 0.00	29.81 0.56 0.00	30.10 0.47 0.00	30.27 0.48 0.00	32.30 0.48 0.00	32.78 0.58 0.00	30.57 0.36 0.00	30.01 0.24 0.00	28.99 0.23 0.00	29.92 0.18 0.00	31.15 0.22 0.00	33.17 0.26 0.00	35.21 0.24 0.00	37.94 0.26 0.00	44.99 0.49 0.00	54.27 0.54 0.00	60.90 0.72 0.00	59.09 0.76 0.00	53.66 0.90 0.00	46.61 0.87 0.00	42.45 0.87 0.00	37.46 0.59 0.00
UNION___PROCESSING_DRP 323587	38.93 -0.04 0.00	35.07 -0.04 0.00	31.15 -0.25 0.00	29.43 0.18 0.00	29.71 0.09 0.00	29.88 0.09 0.00	31.73 -0.10 0.00	32.04 -0.16 0.00	29.85 -0.36 0.00	29.62 -0.15 0.00	28.53 -0.23 0.00	29.62 -0.12 0.00	31.03 0.09 0.00	33.04 0.13 0.00	35.35 0.38 0.00	38.16 0.49 0.00	44.94 0.44 0.00	54.43 0.70 0.00	60.30 0.12 0.00	58.21 -0.12 0.00	53.08 0.32 0.00	45.78 0.05 0.00	41.45 -0.12 0.00	37.43 0.55 0.00
UPPER HUDSON___HYD 24058	40.17 1.21 0.00	36.23 1.12 0.00	32.35 0.94 0.00	30.04 0.79 0.00	30.51 0.89 0.00	30.71 0.92 0.00	32.81 0.99 0.00	33.16 0.97 0.00	30.69 0.48 0.00	30.04 0.27 0.00	28.65 -0.11 0.00	29.56 -0.18 0.00	30.78 -0.15 0.00	32.88 -0.03 0.00	35.04 0.07 0.00	37.86 0.19 0.00	44.99 0.49 0.00	54.43 0.70 0.00	62.34 2.16 0.00	60.66 2.34 0.00	55.40 2.64 0.00	47.84 2.11 0.00	43.61 2.04 0.00	38.50 1.62 0.00
UPPER RAQUET___HYD 24056	39.94 0.97 0.00	35.98 0.88 0.00	32.16 0.75 0.00	29.72 0.47 0.00	30.21 0.59 0.00	30.42 0.63 0.00	32.53 0.70 0.00	32.68 0.48 0.00	30.69 0.48 0.00	30.22 0.45 0.00	29.22 0.46 0.00	30.18 0.45 0.00	31.34 0.40 0.00	33.27 0.36 0.00	35.31 0.35 0.00	38.05 0.38 0.00	44.81 0.31 0.00	54.32 0.59 0.00	61.26 1.08 0.00	59.43 1.11 0.00	53.66 0.90 0.00	46.47 0.73 0.00	42.16 0.58 0.00	37.28 0.41 0.00
VALLEY44_115KV_TB2 355964	37.72 -1.25 0.00	34.23 -0.88 0.00	30.12 -1.29 0.00	28.84 -0.41 0.00	29.06 -0.56 0.00	29.31 -0.48 0.00	31.06 -0.76 0.00	31.52 -0.68 0.00	29.42 -0.79 0.00	29.30 -0.48 0.00	28.16 -0.60 0.00	29.20 -0.54 0.00	30.75 -0.19 0.00	32.71 -0.20 0.00	34.93 -0.03 0.00	37.75 0.08 0.00	44.14 -0.36 0.00	53.14 -0.59 0.00	58.37 -1.81 0.00	56.40 -1.92 0.00	51.55 -1.21 0.00	44.41 -1.33 0.00	40.08 -1.50 0.00	36.73 -0.15 0.00
VALLEY___115KV_TB 1-4 80826	38.65 -0.31 0.00	34.82 -0.28 0.00	31.19 -0.22 0.00	29.02 -0.23 0.00	29.38 -0.24 0.00	29.55 -0.24 0.00	31.60 -0.22 0.00	31.94 -0.26 0.00	29.94 -0.27 0.00	29.42 -0.36 0.00	28.45 -0.32 0.00	29.41 -0.33 0.00	30.56 -0.37 0.00	32.52 -0.39 0.00	34.58 -0.38 0.00	37.26 -0.41 0.00	44.01 -0.49 0.00	53.14 -0.59 0.00	59.57 -0.60 0.00	57.74 -0.58 0.00	52.34 -0.42 0.00	45.46 -0.27 0.00	41.37 -0.21 0.00	36.65 -0.22 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.25 1.29 0.00	36.26 1.16 0.00	32.38 0.97 0.00	30.22 0.97 0.00	30.57 0.95 0.00	30.74 0.95 0.00	32.91 1.08 0.00	33.23 1.03 0.00	31.12 0.91 0.00	30.52 0.74 0.00	29.51 0.75 0.00	30.54 0.80 0.00	31.74 0.80 0.00	33.83 0.92 0.00	36.01 1.05 0.00	38.88 1.21 0.00	45.97 1.47 0.00	55.67 1.93 0.00	62.40 2.23 0.00	60.48 2.16 0.00	55.09 2.32 0.00	47.66 1.92 0.00	43.24 1.66 0.00	38.39 1.51 0.00
VISCHER___FERRY HYD 24020	40.33 1.36 0.00	36.30 1.19 0.00	32.38 0.97 0.00	30.16 0.91 0.00	30.51 0.89 0.00	30.68 0.89 0.00	32.78 0.95 0.00	33.26 1.06 0.00	30.93 0.72 0.00	30.34 0.56 0.00	29.25 0.49 0.00	30.18 0.45 0.00	31.49 0.56 0.00	33.50 0.59 0.00	35.66 0.70 0.00	38.47 0.79 0.00	45.61 1.11 0.00	55.07 1.34 0.00	61.98 1.80 0.00	60.19 1.87 0.00	54.72 1.95 0.00	47.52 1.78 0.00	43.28 1.71 0.00	38.24 1.37 0.00
V_A_10_SYNC_DSASP 323832	38.46 -0.51 0.00	34.79 -0.32 0.00	30.65 -0.75 0.00	29.31 0.06 0.00	29.53 -0.09 0.00	29.73 -0.06 0.00	31.35 -0.48 0.00	31.78 -0.42 0.00	29.48 -0.73 0.00	29.47 -0.30 0.00	28.22 -0.55 0.00	29.26 -0.48 0.00	30.78 -0.15 0.00	32.75 -0.16 0.00	35.07 0.10 0.00	37.83 0.15 0.00	44.23 -0.27 0.00	53.30 -0.43 0.00	58.43 -1.75 0.00	56.34 -1.98 0.00	51.55 -1.21 0.00	44.46 -1.28 0.00	40.28 -1.29 0.00	37.24 0.37 0.00
V_CMM_10_SYNC_DSASP 323787	39.20 0.24 0.00	35.32 0.21 0.00	31.60 0.19 0.00	29.31 0.06 0.00	29.74 0.12 0.00	29.91 0.12 0.00	31.99 0.16 0.00	32.23 0.03 0.00	30.33 0.12 0.00	29.92 0.15 0.00	28.94 0.17 0.00	29.89 0.15 0.00	31.06 0.12 0.00	32.98 0.07 0.00	35.00 0.04 0.00	37.64 -0.04 0.00	44.36 -0.13 0.00	53.62 -0.11 0.00	60.24 0.06 0.00	58.39 0.06 0.00	52.56 -0.21 0.00	45.56 -0.18 0.00	41.41 -0.17 0.00	36.69 -0.18 0.00
V_CMP_10_SYNC_DSASP 323788	40.05 1.09 0.00	36.05 0.95 0.00	32.22 0.82 0.00	29.89 0.64 0.00	30.36 0.74 0.00	30.48 0.69 0.00	32.59 0.76 0.00	32.81 0.61 0.00	30.87 0.66 0.00	30.49 0.71 0.00	29.45 0.69 0.00	30.42 0.68 0.00	31.59 0.65 0.00	33.50 0.59 0.00	35.52 0.56 0.00	38.24 0.57 0.00	45.03 0.54 0.00	54.48 0.75 0.00	61.26 1.08 0.00	59.43 1.11 0.00	53.45 0.68 0.00	46.15 0.41 0.00	41.78 0.21 0.00	36.91 0.04 0.00
V_D_10_SYNC_DSASP 323841	39.59 0.62 0.00	35.70 0.60 0.00	31.91 0.50 0.00	29.54 0.29 0.00	30.01 0.38 0.00	30.18 0.39 0.00	32.27 0.45 0.00	32.49 0.29 0.00	30.57 0.36 0.00	30.16 0.39 0.00	29.14 0.37 0.00	30.10 0.36 0.00	31.28 0.34 0.00	33.21 0.30 0.00	35.24 0.28 0.00	37.94 0.27 0.00	44.68 0.18 0.00	54.06 0.32 0.00	60.78 0.60 0.00	58.91 0.58 0.00	53.08 0.32 0.00	46.01 0.28 0.00	41.78 0.21 0.00	37.02 0.15 0.00
V_E_10_SYNC_DSASP 323830	41.34 2.38 0.00	37.32 2.21 0.00	33.39 1.98 0.00	31.18 1.93 0.00	31.49 1.87 0.00	31.67 1.88 0.00	33.89 2.07 0.00	34.03 1.83 0.00	31.63 1.42 0.00	30.66 0.89 0.00	29.54 0.78 0.00	30.57 0.83 0.00	31.71 0.77 0.00	33.90 0.99 0.00	36.22 1.26 0.00	39.18 1.51 0.00	46.50 2.00 0.00	57.01 3.28 0.00	64.33 4.15 0.00	62.47 4.14 0.00	57.25 4.48 0.00	49.44 3.70 0.00	44.65 3.08 0.00	39.71 2.84 0.00



V_F_30_NSYNC___DSASP 323816	40.53 1.56 0.00	36.51 1.41 0.00	32.60 1.19 0.00	30.30 1.05 0.00	30.75 1.13 0.00	30.95 1.16 0.00	33.04 1.21 0.00	33.42 1.22 0.00	30.99 0.78 0.00	30.37 0.60 0.00	29.17 0.40 0.00	30.12 0.39 0.00	31.37 0.43 0.00	33.47 0.56 0.00	35.66 0.70 0.00	38.50 0.83 0.00	45.74 1.24 0.00	55.29 1.56 0.00	62.59 2.41 0.00	60.89 2.56 0.00	55.45 2.69 0.00	47.98 2.24 0.00	43.73 2.16 0.00	38.64 1.77 0.00
V_F_30_SYNC_DSASP 323786	39.90 0.94 0.00	35.91 0.81 0.00	32.13 0.72 0.00	29.86 0.61 0.00	30.18 0.56 0.00	30.36 0.57 0.00	32.40 0.57 0.00	32.84 0.64 0.00	30.60 0.39 0.00	30.07 0.30 0.00	29.02 0.26 0.00	29.98 0.24 0.00	31.21 0.28 0.00	33.24 0.33 0.00	35.31 0.35 0.00	38.05 0.38 0.00	45.12 0.62 0.00	54.43 0.70 0.00	61.14 0.96 0.00	59.38 1.05 0.00	53.87 1.11 0.00	46.74 1.01 0.00	42.61 1.04 0.00	37.61 0.74 0.00
V_XM_10_SYNC_DSASP 323789	40.05 1.09 0.00	36.05 0.95 0.00	32.22 0.82 0.00	29.89 0.64 0.00	30.36 0.74 0.00	30.48 0.69 0.00	32.59 0.76 0.00	32.81 0.61 0.00	30.87 0.66 0.00	30.49 0.71 0.00	29.45 0.69 0.00	30.42 0.68 0.00	31.59 0.65 0.00	33.50 0.59 0.00	35.52 0.56 0.00	38.24 0.57 0.00	45.03 0.54 0.00	54.48 0.75 0.00	61.26 1.08 0.00	59.43 1.11 0.00	53.45 0.68 0.00	46.15 0.41 0.00	41.78 0.21 0.00	36.91 0.04 0.00
W.BABYLN_69_KV_BK1 56697	42.59 3.62 0.00	38.12 3.02 0.00	33.70 2.29 0.00	31.24 1.99 0.00	31.49 1.87 0.00	31.58 1.79 0.00	34.21 2.39 0.00	34.93 2.74 0.00	32.96 2.75 0.00	32.87 3.10 0.00	33.66 2.85 -2.05	34.45 2.91 -1.80	36.40 3.09 -2.37	39.58 3.16 -3.51	40.32 3.32 -2.03	41.88 3.69 -0.52	48.72 4.23 0.00	58.35 4.62 0.00	64.75 4.57 0.00	62.58 4.26 0.00	56.62 3.85 0.00	48.85 3.11 0.00	44.53 2.95 0.00	40.34 3.47 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.72 1.75 0.00	36.65 1.54 0.00	32.69 1.29 0.00	30.45 1.20 0.00	30.78 1.16 0.00	30.98 1.19 0.00	33.26 1.43 0.00	33.78 1.58 0.00	31.75 1.54 0.00	31.35 1.58 0.00	30.37 1.61 0.00	31.43 1.70 0.00	32.79 1.86 0.00	34.79 1.88 0.00	36.92 1.96 0.00	39.78 2.11 0.00	46.94 2.45 0.00	56.31 2.58 0.00	62.82 2.65 0.00	60.89 2.57 0.00	55.25 2.48 0.00	47.98 2.24 0.00	43.74 2.16 0.00	38.64 1.77 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.19 2.22 0.00	36.97 1.86 0.00	33.01 1.60 0.00	30.71 1.46 0.00	31.01 1.39 0.00	31.22 1.43 0.00	33.58 1.75 0.00	34.13 1.93 0.00	32.14 1.93 0.00	31.80 2.02 0.00	30.84 2.07 0.00	31.91 2.17 0.00	33.29 2.35 0.00	35.28 2.37 0.00	37.45 2.48 0.00	40.39 2.71 0.00	47.61 3.11 0.00	56.90 3.17 0.00	63.37 3.19 0.00	61.36 3.03 0.00	55.72 2.95 0.00	48.44 2.70 0.00	44.23 2.66 0.00	39.05 2.18 0.00
W50THST__13_KV_LOAD 356117	41.38 2.42 0.00	37.14 2.04 0.00	33.16 1.76 0.00	30.83 1.58 0.00	31.16 1.54 0.00	31.37 1.58 0.00	33.74 1.91 0.00	34.32 2.13 0.00	32.32 2.11 0.00	31.98 2.20 0.00	31.01 2.24 0.00	32.09 2.35 0.00	33.47 2.54 0.00	35.45 2.53 0.00	37.62 2.66 0.00	40.58 2.90 0.00	47.88 3.38 0.00	57.22 3.49 0.00	63.73 3.55 0.00	61.71 3.38 0.00	55.98 3.22 0.00	48.67 2.93 0.00	44.44 2.87 0.00	39.23 2.36 0.00
WADING RIVER_IC_1 23522	42.40 3.43 -0.01	37.98 2.88 0.00	33.23 1.82 0.00	30.74 1.49 0.00	30.84 1.21 0.00	31.04 1.25 0.00	34.09 2.26 0.00	34.80 2.61 0.00	32.96 2.75 0.00	32.94 3.15 -0.01	33.66 2.85 -2.05	34.21 2.68 -1.80	36.12 2.81 -2.37	39.25 2.83 -3.51	39.87 2.87 -2.03	41.36 3.17 -0.52	48.15 3.65 0.00	57.71 3.98 0.00	64.03 3.85 0.00	61.71 3.38 0.00	56.04 3.27 0.00	48.07 2.33 0.00	43.78 2.20 0.00	39.54 2.66 -0.01
WADING RIVER_IC_2 23547	42.40 3.43 -0.01	37.98 2.88 0.00	33.23 1.82 0.00	30.74 1.49 0.00	30.84 1.21 0.00	31.04 1.25 0.00	34.09 2.26 0.00	34.80 2.61 0.00	32.96 2.75 0.00	32.94 3.15 -0.01	33.66 2.85 -2.05	34.21 2.68 -1.80	36.12 2.81 -2.37	39.25 2.83 -3.51	39.87 2.87 -2.03	41.36 3.17 -0.52	48.15 3.65 0.00	57.71 3.98 0.00	64.03 3.85 0.00	61.71 3.38 0.00	56.04 3.27 0.00	48.07 2.33 0.00	43.78 2.20 0.00	39.54 2.66 -0.01
WADING RIVER_IC_3 23601	42.40 3.43 -0.01	37.98 2.88 0.00	33.23 1.82 0.00	30.74 1.49 0.00	30.84 1.21 0.00	31.04 1.25 0.00	34.09 2.26 0.00	34.80 2.61 0.00	32.96 2.75 0.00	32.94 3.15 -0.01	33.66 2.85 -2.05	34.21 2.68 -1.80	36.12 2.81 -2.37	39.25 2.83 -3.51	39.87 2.87 -2.03	41.36 3.17 -0.52	48.15 3.65 0.00	57.71 3.98 0.00	64.03 3.85 0.00	61.71 3.38 0.00	56.04 3.27 0.00	48.07 2.33 0.00	43.78 2.20 0.00	39.54 2.66 -0.01
WALDENNY_12_KV_BK2 80841	38.69 -0.27 0.00	35.03 -0.07 0.00	30.78 -0.63 0.00	29.48 0.23 0.00	29.71 0.09 0.00	29.94 0.15 0.00	31.70 -0.13 0.00	32.04 -0.16 0.00	29.88 -0.33 0.00	29.77 0.00 0.00	28.53 -0.23 0.00	29.62 -0.12 0.00	31.24 0.31 0.00	33.31 0.39 0.00	35.63 0.66 0.00	38.54 0.87 0.00	44.90 0.40 0.00	54.05 0.32 0.00	59.21 -0.96 0.00	57.10 -1.22 0.00	52.29 -0.47 0.00	44.96 -0.78 0.00	40.70 -0.87 0.00	37.76 0.88 0.00
WALDEN__HYDRO 24148	40.52 1.56 0.00	36.47 1.37 0.00	32.57 1.16 0.00	30.30 1.05 0.00	30.66 1.04 0.00	30.83 1.04 0.00	33.07 1.24 0.00	33.55 1.35 0.00	31.48 1.27 0.00	31.02 1.25 0.00	30.03 1.27 0.00	31.05 1.31 0.00	32.39 1.45 0.00	34.43 1.51 0.00	36.54 1.57 0.00	39.45 1.77 0.00	46.63 2.14 0.00	56.04 2.31 0.00	62.64 2.47 0.00	60.72 2.39 0.00	55.09 2.32 0.00	47.84 2.10 0.00	43.53 1.95 0.00	38.46 1.59 0.00
WARRENSBURG____ 23737	40.17 1.21 0.00	36.23 1.12 0.00	32.44 1.04 0.00	30.07 0.82 0.00	30.54 0.92 0.00	30.74 0.95 0.00	32.85 1.02 0.00	33.20 1.00 0.00	31.51 1.30 0.00	30.84 1.07 0.00	29.43 0.66 0.00	30.36 0.62 0.00	31.55 0.62 0.00	33.73 0.82 0.00	35.94 0.98 0.00	37.90 0.23 0.00	44.99 0.49 0.00	54.48 0.75 0.00	62.34 2.17 0.00	60.66 2.33 0.00	55.40 2.64 0.00	47.84 2.10 0.00	43.61 2.04 0.00	38.50 1.62 0.00
WATERSIDE____6 8 9 23538	41.30 2.34 0.00	37.11 2.00 0.00	33.13 1.73 0.00	30.83 1.58 0.00	31.13 1.51 0.00	31.34 1.55 0.00	33.64 1.81 0.00	34.07 1.87 0.00	32.08 1.87 0.00	31.86 2.08 0.00	30.92 2.16 0.00	32.03 2.29 0.00	33.38 2.44 0.00	35.38 2.47 0.00	37.55 2.59 0.00	40.50 2.83 0.00	47.79 3.29 0.00	56.58 2.85 0.00	62.76 2.59 0.00	60.83 2.51 0.00	55.25 2.48 0.00	48.44 2.70 0.00	44.36 2.79 0.00	39.20 2.32 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.77 -0.19 0.00	34.93 -0.18 0.00	31.25 -0.16 0.00	29.10 -0.15 0.00	29.47 -0.15 0.00	29.64 -0.15 0.00	31.67 -0.16 0.00	32.04 -0.16 0.00	30.03 -0.18 0.00	29.53 -0.24 0.00	28.53 -0.23 0.00	29.50 -0.24 0.00	30.66 -0.28 0.00	32.62 -0.30 0.00	34.69 -0.28 0.00	37.37 -0.30 0.00	44.14 -0.36 0.00	53.35 -0.38 0.00	59.82 -0.36 0.00	57.92 -0.41 0.00	52.55 -0.21 0.00	45.60 -0.14 0.00	41.45 -0.12 0.00	36.73 -0.15 0.00

WDELAWARE___HYD 323627	40.37 1.40 0.00	36.33 1.23 0.00	32.32 0.91 0.00	30.07 0.82 0.00	30.45 0.83 0.00	30.59 0.80 0.00	32.84 1.02 0.00	33.29 1.10 0.00	31.20 1.00 0.00	30.73 0.95 0.00	29.74 0.98 0.00	30.75 1.01 0.00	32.11 1.18 0.00	34.16 1.25 0.00	36.29 1.33 0.00	39.18 1.51 0.00	46.41 1.91 0.00	55.88 2.15 0.00	62.59 2.41 0.00	60.66 2.34 0.00	55.14 2.38 0.00	47.80 2.06 0.00	43.45 1.87 0.00	38.39 1.51 0.00
WEST BABYLON___IC 23714	42.59 3.62 0.00	38.12 3.02 0.00	33.70 2.29 0.00	31.24 1.99 0.00	31.49 1.87 0.00	31.58 1.79 0.00	34.21 2.39 0.00	34.93 2.74 0.00	32.96 2.75 0.00	32.87 3.10 0.00	33.66 2.85 -2.05	34.45 2.91 -1.80	36.40 3.09 -2.37	39.58 3.16 -3.51	40.32 3.32 -2.03	41.88 3.69 -0.52	48.72 4.23 0.00	58.35 4.62 0.00	64.75 4.57 0.00	62.58 4.26 0.00	56.62 3.85 0.00	48.85 3.11 0.00	44.53 2.95 0.00	40.34 3.47 0.00
WEST CANADA___HYD 24049	39.08 0.12 0.00	35.21 0.11 0.00	31.47 0.06 0.00	29.34 0.09 0.00	29.68 0.06 0.00	29.85 0.06 0.00	31.92 0.10 0.00	32.29 0.10 0.00	30.24 0.03 0.00	29.77 0.00 0.00	28.76 0.00 0.00	29.74 0.00 0.00	30.93 0.00 0.00	32.91 0.00 0.00	35.00 0.04 0.00	37.71 0.04 0.00	44.54 0.04 0.00	53.78 0.05 0.00	60.30 0.12 0.00	58.44 0.12 0.00	52.98 0.21 0.00	45.92 0.18 0.00	41.74 0.17 0.00	36.99 0.11 0.00
WESTERN_NY_WIND 24143	39.32 0.35 0.00	35.46 0.35 0.00	31.28 -0.13 0.00	29.86 0.61 0.00	30.10 0.47 0.00	30.27 0.48 0.00	32.21 0.38 0.00	32.33 0.13 0.00	30.18 -0.03 0.00	29.83 0.06 0.00	28.59 -0.17 0.00	29.71 -0.03 0.00	31.31 0.37 0.00	33.34 0.43 0.00	35.77 0.80 0.00	38.69 1.02 0.00	45.34 0.85 0.00	54.91 1.18 0.00	60.42 0.24 0.00	58.27 -0.06 0.00	53.40 0.63 0.00	45.97 0.23 0.00	41.53 -0.04 0.00	38.39 1.51 0.00
WESTOVER___LESR 323668	39.00 0.04 0.00	35.21 0.11 0.00	31.34 -0.06 0.00	29.45 0.20 0.00	29.77 0.15 0.00	29.94 0.15 0.00	31.92 0.10 0.00	32.29 0.10 0.00	30.18 -0.03 0.00	29.83 0.06 0.00	28.76 0.00 0.00	29.74 0.00 0.00	31.03 0.09 0.00	33.01 0.10 0.00	35.14 0.17 0.00	37.94 0.26 0.00	44.72 0.22 0.00	54.11 0.38 0.00	60.30 0.12 0.00	58.39 0.06 0.00	53.19 0.42 0.00	45.97 0.23 0.00	41.66 0.08 0.00	37.28 0.41 0.00
WETHRSFD_WT_PWR 323626	38.77 -0.19 0.00	35.00 -0.10 0.00	31.15 -0.25 0.00	29.43 0.18 0.00	29.65 0.03 0.00	29.82 0.03 0.00	31.54 -0.29 0.00	31.84 -0.35 0.00	29.61 -0.60 0.00	29.45 -0.33 0.00	28.22 -0.55 0.00	29.29 -0.45 0.00	30.81 -0.12 0.00	32.91 0.00 0.00	35.11 0.14 0.00	37.83 0.15 0.00	44.28 -0.22 0.00	53.78 0.05 0.00	58.97 -1.20 0.00	57.22 -1.11 0.00	52.40 -0.37 0.00	45.14 -0.60 0.00	40.91 -0.67 0.00	37.61 0.74 0.00
WHAVSTOR_138KV_BK127 55557	40.52 1.56 0.00	36.47 1.37 0.00	32.57 1.16 0.00	30.33 1.08 0.00	30.66 1.04 0.00	30.86 1.07 0.00	33.10 1.27 0.00	33.61 1.42 0.00	31.63 1.42 0.00	31.23 1.46 0.00	30.26 1.50 0.00	31.31 1.58 0.00	32.64 1.70 0.00	34.62 1.71 0.00	36.71 1.75 0.00	39.60 1.92 0.00	46.68 2.18 0.00	55.93 2.20 0.00	62.40 2.23 0.00	60.48 2.16 0.00	54.88 2.11 0.00	47.70 1.97 0.00	43.49 1.91 0.00	38.46 1.59 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.52 1.56 0.00	36.47 1.37 0.00	32.57 1.16 0.00	30.33 1.08 0.00	30.66 1.04 0.00	30.86 1.07 0.00	33.10 1.27 0.00	33.61 1.42 0.00	31.63 1.42 0.00	31.23 1.46 0.00	30.26 1.50 0.00	31.31 1.58 0.00	32.64 1.70 0.00	34.62 1.71 0.00	36.71 1.75 0.00	39.60 1.92 0.00	46.68 2.18 0.00	55.93 2.20 0.00	62.40 2.23 0.00	60.48 2.16 0.00	54.88 2.11 0.00	47.70 1.97 0.00	43.49 1.91 0.00	38.46 1.59 0.00
WHITEHAL_115KV_TB1 80871	40.48 1.52 0.00	36.51 1.40 0.00	32.69 1.29 0.00	30.27 1.02 0.00	30.78 1.16 0.00	31.01 1.22 0.00	33.10 1.27 0.00	33.42 1.22 0.00	31.51 1.30 0.00	30.81 1.04 0.00	29.37 0.60 0.00	30.30 0.57 0.00	31.49 0.56 0.00	33.73 0.82 0.00	35.94 0.98 0.00	38.09 0.41 0.00	45.30 0.80 0.00	54.97 1.24 0.00	63.07 2.89 0.00	61.53 3.21 0.00	56.20 3.43 0.00	48.44 2.70 0.00	44.19 2.62 0.00	38.98 2.10 0.00
WHITEPLN_13_KV_LOAD 356215	41.19 2.22 0.00	37.00 1.90 0.00	33.01 1.60 0.00	30.71 1.46 0.00	31.04 1.42 0.00	31.25 1.46 0.00	33.58 1.75 0.00	34.13 1.93 0.00	32.14 1.93 0.00	31.74 1.96 0.00	30.75 1.98 0.00	31.82 2.08 0.00	33.19 2.26 0.00	35.22 2.30 0.00	37.31 2.34 0.00	40.27 2.60 0.00	47.48 2.98 0.00	56.90 3.17 0.00	63.55 3.37 0.00	61.53 3.21 0.00	55.88 3.11 0.00	48.48 2.74 0.00	44.23 2.66 0.00	39.12 2.25 0.00
WM_FLOYD_69_KV_BK2 356380	42.55 3.58 0.00	38.05 2.95 0.00	33.48 2.07 0.00	31.06 1.81 0.00	31.28 1.66 0.00	31.34 1.55 0.00	34.21 2.39 0.00	34.93 2.74 0.00	33.02 2.81 0.00	32.99 3.22 0.00	33.83 3.02 -2.05	34.45 2.91 -1.80	36.34 3.03 -2.37	39.41 2.99 -3.51	40.08 3.08 -2.03	41.66 3.47 -0.52	48.46 3.96 0.00	58.19 4.46 0.00	64.45 4.27 0.00	62.35 4.02 0.00	56.46 3.69 0.00	48.48 2.74 0.00	44.11 2.54 0.00	39.94 3.06 0.00
WOODARD___115KV_TB2 355635	38.34 -0.62 0.00	34.61 -0.49 0.00	30.97 -0.44 0.00	28.96 -0.29 0.00	29.27 -0.36 0.00	29.43 -0.36 0.00	31.38 -0.45 0.00	31.75 -0.45 0.00	29.70 -0.51 0.00	29.33 -0.45 0.00	28.30 -0.46 0.00	29.26 -0.48 0.00	30.44 -0.49 0.00	32.45 -0.46 0.00	34.48 -0.49 0.00	37.15 -0.53 0.00	43.87 -0.62 0.00	53.09 -0.64 0.00	59.39 -0.78 0.00	57.51 -0.82 0.00	52.24 -0.53 0.00	45.19 -0.55 0.00	41.03 -0.54 0.00	36.51 -0.37 0.00
WOODMERE_69_KV_BK1 55827	42.12 3.16 0.00	37.77 2.67 0.00	33.45 2.04 0.00	31.06 1.81 0.00	31.31 1.69 0.00	31.43 1.64 0.00	33.93 2.10 0.00	34.61 2.41 0.00	32.63 2.42 0.00	32.42 2.65 0.00	33.31 2.50 -2.05	34.15 2.62 -1.80	36.12 2.82 -2.37	39.32 2.90 -3.51	40.04 3.04 -2.03	41.55 3.35 -0.52	48.55 4.05 0.00	58.14 4.41 0.00	64.57 4.39 0.00	62.41 4.08 0.00	56.46 3.69 0.00	48.80 3.06 0.00	44.44 2.87 0.00	40.05 3.17 0.00
YORK___WARBASSE 23770	41.61 2.65 0.00	37.35 2.25 0.00	33.35 1.95 0.00	31.00 1.75 0.00	31.34 1.72 0.00	31.49 1.70 0.00	33.77 1.94 0.00	34.16 1.96 0.00	32.14 1.93 0.00	31.95 2.17 0.00	30.95 2.19 0.00	32.06 2.32 0.00	33.44 2.51 0.00	35.48 2.57 0.00	37.66 2.69 0.00	40.65 2.98 0.00	48.06 3.56 0.00	56.96 3.22 -0.01	63.19 3.01 0.00	61.18 2.86 0.00	55.56 2.80 0.00	48.71 2.97 0.00	44.65 3.08 0.00	39.46 2.58 0.00