

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion													
Generator Data		11/05/2024																							
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		EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
24138		18.71	13.61	13.36	11.82	10.51	17.23	21.29	26.15	25.92	20.89	23.00	23.15	24.34	24.99	29.89	38.75	44.08	64.71	68.45	41.25	30.49	25.85	24.96	22.99
		1.19	0.92	0.88	0.77	0.65	1.12	1.43	1.93	2.01	1.66	1.84	1.86	1.65	1.96	2.32	2.27	3.22	4.76	5.04	2.98	2.33	2.00	1.82	1.58
		-0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-0.89	-4.52	-2.47	-3.29	-9.65	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00
74TH STREET_GT_1		18.75	13.63	13.38	11.84	10.53	17.25	21.32	26.18	25.95	20.91	23.01	23.16	24.35	25.00	29.89	38.73	44.09	64.76	68.52	41.32	30.54	25.89	24.99	23.03
24260		1.22	0.95	0.90	0.79	0.67	1.15	1.46	1.96	2.04	1.68	1.85	1.87	1.66	1.96	2.32	2.26	3.22	4.80	5.12	3.05	2.38	2.04	1.86	1.62
		-0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-0.89	-4.52	-2.47	-3.29	-9.64	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00
74TH STREET_GT_2		18.75	13.63	13.38	11.84	10.53	17.25	21.32	26.18	25.95	20.91	23.01	23.16	24.35	25.00	29.89	38.73	44.09	64.76	68.52	41.32	30.54	25.89	24.99	23.03
24261		1.22	0.95	0.90	0.79	0.67	1.15	1.46	1.96	2.04	1.68	1.85	1.87	1.66	1.96	2.32	2.26	3.22	4.80	5.12	3.05	2.38	2.04	1.86	1.62
		-0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-0.89	-4.52	-2.47	-3.29	-9.64	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00
ADK HUDSON___FALLS		18.34	13.39	13.16	11.65	10.40	17.12	21.21	25.89	25.57	20.48	22.22	21.71	20.38	22.32	26.63	31.29	43.37	63.37	67.14	40.56	29.78	25.19	24.46	22.56
24011		1.03	0.70	0.68	0.60	0.54	1.02	1.35	1.68	1.66	1.25	1.19	1.04	0.84	1.01	1.34	1.54	2.50	3.42	3.73	2.29	1.62	1.36	1.32	1.15
		-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.27	-1.37	-0.75	-1.00	-2.93	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
ADK RESOURCE___RCVRY		18.41	13.41	13.16	11.67	10.42	17.20	21.34	26.05	25.74	20.57	22.31	21.79	20.41	22.36	26.72	31.40	43.62	63.55	67.38	40.75	29.86	25.26	24.54	22.63
23798		1.11	0.72	0.68	0.61	0.56	1.10	1.49	1.84	1.83	1.34	1.28	1.12	0.88	1.05	1.44	1.66	2.74	3.60	3.97	2.48	1.70	1.43	1.40	1.22
		-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.27	-1.37	-0.75	-1.00	-2.92	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
ADK S GLENS___FALLS		18.34	13.39	13.16	11.65	10.40	17.12	21.21	25.89	25.57	20.48	22.22	21.71	20.38	22.32	26.63	31.29	43.37	63.37	67.14	40.56	29.78	25.19	24.46	22.56
24028		1.03	0.70	0.68	0.60	0.54	1.02	1.35	1.68	1.66	1.25	1.19	1.04	0.84	1.01	1.34	1.54	2.50	3.42	3.73	2.29	1.62	1.36	1.32	1.15
		-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.27	-1.37	-0.75	-1.00	-2.93	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
ADK_NYS___DAM		18.48	13.57	13.35	11.80	10.51	17.22	21.21	25.90	25.60	20.56	22.40	21.99	20.90	22.74	27.13	32.06	43.24	63.13	66.88	40.50	29.98	25.37	24.61	22.74
23527		1.16	0.88	0.87	0.75	0.65	1.12	1.35	1.68	1.69	1.33	1.36	1.27	1.11	1.28	1.66	1.76	2.37	3.17	3.47	2.23	1.82	1.54	1.48	1.33
		-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.32	-1.63	-0.89	-1.19	-3.47	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
AIR_PRODUCTS___DRP		17.77	13.07	12.87	11.40	10.15	16.56	20.39	24.92	24.63	19.81	21.59	21.22	20.10	21.90	26.03	30.62	41.88	61.37	64.94	39.24	28.94	24.49	23.74	21.92
24190		0.46	0.37	0.39	0.35	0.29	0.45	0.53	0.70	0.73	0.58	0.56	0.54	0.50	0.56	0.70	0.75	1.01	1.42	1.54	0.97	0.79	0.66	0.60	0.51
		-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.28	-1.43	-0.78	-1.04	-3.04	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
AKWESSNE_115KV_BK		17.15	11.85	10.45	9.14	8.46	16.06	18.85	21.56	23.04	19.15	20.95	20.38	18.12	20.50	24.21	26.84	40.96	60.15	63.53	37.00	25.32	21.21	20.59	19.52
355683		-0.06	-0.07	-0.06	-0.06	-0.03	-0.05	-0.02	-0.06	-0.10	-0.08	-0.02	-0.02	-0.05	-0.07	-0.08	0.01	0.09	0.20	0.12	0.03	-0.02	-0.04	-0.02	-0.05
		0.00	0.77	1.98	1.85	1.36	0.00	0.99	2.60	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	2.82	2.57	2.52	1.84
ALBANY_1_SOLAR		18.04	13.27	13.08	11.57	10.30	16.81	20.72	25.30	24.99	20.06	21.73	21.25	19.82	21.77	25.89	30.27	42.55	62.41	65.98	39.87	29.38	24.85	24.08	22.24
323833		0.75	0.58	0.60	0.52	0.44	0.71	0.86	1.08	1.08	0.83	0.71	0.63	0.54	0.60	0.79	1.06	1.68	2.45	2.57	1.60	1.22	1.02	0.95	0.83
		-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.22	-1.12	-0.61	-0.81	-2.38	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
ALBANY_2_SOLAR		18.03	13.27	13.07	11.56	10.30	16.81	20.71	25.29	24.98	20.05	21.73	21.25	19.82	21.77	25.88	30.26	42.53	62.38	65.95	39.86	29.37	24.84	24.07	22.23
323834		0.74	0.58	0.59	0.51	0.44	0.71	0.85	1.08	1.07	0.83	0.71	0.63	0.53	0.60	0.78	1.05	1.66	2.43	2.54	1.58	1.21	1.02	0.93	0.83
		-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.22	-1.12	-0.61	-0.81	-2.39	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
ALBANY___1		17.77	13.07	12.87	11.40	10.15	16.56	20.39	24.92	24.63	19.81	21.59	21.22	20.10	21.90	26.03	30.62	41.88	61.37	64.94	39.24	28.94	24.49	23.74	21.92
23571		0.46	0.37	0.39	0.35	0.29	0.45	0.53	0.70	0.73	0.58	0.56	0.54	0.50	0.56	0.70	0.75	1.01	1.42	1.54	0.97	0.79	0.66	0.60	0.51
		-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.28	-1.43	-0.78	-1.04	-3.04	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00

ALBANY___2 23572	17.77 0.46 -0.10	13.07 0.37 0.00	12.87 0.39 0.00	11.40 0.35 0.00	10.15 0.29 0.00	16.56 0.45 0.00	20.39 0.53 0.00	24.92 0.70 0.00	24.63 0.73 0.00	19.81 0.58 0.00	21.59 0.56 -0.06	21.22 0.54 -0.28	20.10 0.50 -1.43	21.90 0.56 -0.78	26.03 0.70 -1.04	30.62 0.75 -3.04	41.88 1.01 0.00	61.37 1.42 0.00	64.94 1.54 0.00	39.24 0.97 0.00	28.94 0.79 0.00	24.49 0.66 -0.01	23.74 0.60 0.00	21.92 0.51 0.00
ALBANY___3 23573	17.77 0.46 -0.10	13.07 0.37 0.00	12.87 0.39 0.00	11.40 0.35 0.00	10.15 0.29 0.00	16.56 0.45 0.00	20.39 0.53 0.00	24.92 0.70 0.00	24.63 0.73 0.00	19.81 0.58 0.00	21.59 0.56 -0.06	21.22 0.54 -0.28	20.10 0.50 -1.43	21.90 0.56 -0.78	26.03 0.70 -1.04	30.62 0.75 -3.04	41.88 1.01 0.00	61.37 1.42 0.00	64.94 1.54 0.00	39.24 0.97 0.00	28.94 0.79 0.00	24.49 0.66 -0.01	23.74 0.60 0.00	21.92 0.51 0.00
ALBANY___4 23574	17.77 0.46 -0.10	13.07 0.37 0.00	12.87 0.39 0.00	11.40 0.35 0.00	10.15 0.29 0.00	16.56 0.45 0.00	20.39 0.53 0.00	24.92 0.70 0.00	24.63 0.73 0.00	19.81 0.58 0.00	21.59 0.56 -0.06	21.22 0.54 -0.28	20.10 0.50 -1.43	21.90 0.56 -0.78	26.03 0.70 -1.04	30.62 0.75 -3.04	41.88 1.01 0.00	61.37 1.42 0.00	64.94 1.54 0.00	39.24 0.97 0.00	28.94 0.79 0.00	24.49 0.66 -0.01	23.74 0.60 0.00	21.92 0.51 0.00
ALBANY___LFGE 323615	17.92 0.61 -0.10	13.17 0.48 0.00	12.97 0.48 0.00	11.48 0.43 0.00	10.23 0.37 0.00	16.70 0.59 0.00	20.58 0.72 0.00	25.16 0.94 0.00	24.86 0.96 0.00	20.00 0.78 0.00	21.79 0.76 -0.06	21.40 0.72 -0.28	20.26 0.66 -1.42	22.09 0.75 -0.78	26.26 0.94 -1.04	30.91 1.04 -3.04	42.32 1.45 0.00	62.03 2.08 0.00	65.59 2.18 0.00	39.63 1.36 0.00	29.23 1.07 0.00	24.72 0.90 -0.01	23.95 0.82 0.00	22.11 0.70 0.00
ALCOA_PA_115KV_PL-6C 55860	17.21 0.00 0.00	11.89 -0.03 0.77	10.49 -0.02 1.98	9.17 -0.03 1.85	8.50 0.00 1.36	16.11 0.01 0.00	18.91 0.05 0.99	21.62 0.01 2.60	23.12 -0.02 0.76	19.21 -0.02 0.00	21.01 0.04 0.00	20.44 0.05 0.00	18.18 0.01 0.00	20.56 0.00 0.00	24.28 0.00 0.00	26.92 0.09 0.00	41.09 0.22 0.00	60.33 0.38 0.00	63.72 0.31 0.00	37.12 0.15 1.30	25.41 0.06 2.82	21.28 0.03 2.57	20.66 0.05 2.52	19.59 0.02 1.84
ALCOA_RYNLDS___DRP 24188	17.21 0.00 0.00	11.89 -0.03 0.77	10.49 -0.02 1.98	9.17 -0.03 1.85	8.50 0.00 1.36	16.11 0.01 0.00	18.91 0.05 0.99	21.62 0.01 2.60	23.12 -0.02 0.76	19.21 -0.02 0.00	21.01 0.04 0.00	20.44 0.05 0.00	18.18 0.01 0.00	20.56 0.00 0.00	24.28 0.00 0.00	26.92 0.09 0.00	41.09 0.22 0.00	60.33 0.38 0.00	63.72 0.31 0.00	37.12 0.15 1.30	25.41 0.06 2.82	21.28 0.03 2.57	20.66 0.05 2.52	19.59 0.02 1.84
ALCOA___DSASP 323711	17.21 0.00 0.00	11.89 -0.03 0.77	10.48 -0.02 1.98	9.17 -0.03 1.85	8.50 0.00 1.36	16.11 0.01 0.00	18.91 0.05 0.99	21.62 0.01 2.60	23.12 -0.02 0.76	19.21 -0.02 0.00	21.01 0.04 0.00	20.44 0.04 0.00	18.17 0.01 0.00	20.56 0.00 0.00	24.28 0.00 0.00	26.92 0.09 0.00	41.09 0.22 0.00	60.34 0.38 0.00	63.72 0.32 0.00	37.12 0.15 1.30	25.41 0.06 2.82	21.28 0.03 2.57	20.66 0.05 2.52	19.59 0.02 1.84
ALLEGHENY___COGEN 23514	16.59 -0.62 0.00	12.14 -0.55 0.00	11.89 -0.60 0.00	10.57 -0.48 0.00	9.47 -0.39 0.00	15.55 -0.56 0.00	19.28 -0.57 0.00	23.50 -0.72 0.00	22.82 -1.08 0.00	17.99 -1.23 0.00	19.87 -1.10 0.00	19.34 -1.06 0.00	17.16 -1.01 0.00	19.47 -1.09 0.00	23.00 -1.28 0.00	25.40 -1.43 0.00	39.89 -0.98 0.00	59.30 -0.66 0.00	62.54 -0.87 0.00	37.62 -0.65 0.00	27.40 -0.76 0.00	23.08 -0.74 0.00	22.51 -0.62 0.00	20.68 -0.73 0.00
ALTAMONT_115KV_TB 2 55880	17.82 0.51 -0.10	13.09 0.40 0.00	12.89 0.40 0.00	11.41 0.36 0.00	10.16 0.30 0.00	16.59 0.49 0.00	20.44 0.59 0.00	24.99 0.78 0.00	24.69 0.79 0.00	19.86 0.63 0.00	21.64 0.61 -0.06	21.24 0.56 -0.28	20.07 0.50 -1.40	21.91 0.59 -0.76	26.04 0.74 -1.02	30.59 0.79 -2.98	42.00 1.14 0.00	61.57 1.62 0.00	65.14 1.74 0.00	39.37 1.10 0.00	29.03 0.87 0.00	24.56 0.74 -0.01	23.81 0.67 0.00	21.99 0.58 0.00
ALTONA_WT_PWR 323606	16.74 -0.47 0.00	-1.06 -0.68 13.07	-21.70 -0.50 33.69	-20.94 -0.48 31.51	-13.72 -0.44 23.14	15.46 -0.64 0.00	2.24 -0.71 16.91	-20.87 -0.81 44.27	10.02 -0.85 13.04	18.59 -0.64 0.00	20.53 -0.44 0.00	19.68 -0.72 0.00	17.22 -0.93 0.01	19.59 -0.97 0.00	23.43 -0.85 0.00	26.24 -0.58 0.00	40.20 -0.67 0.00	59.55 -0.40 0.00	63.05 -0.36 0.00	14.86 -1.27 22.14	-20.80 -1.07 47.89	-20.84 -0.91 43.74	-20.81 -1.05 42.90	-10.95 -1.09 31.27
AMERICAN_REF_FUEL 24010	15.26 -1.95 0.00	11.21 -1.48 0.00	10.96 -1.53 0.00	9.70 -1.35 0.00	8.76 -1.10 0.00	14.32 -1.78 0.00	17.67 -2.19 0.00	21.43 -2.79 0.00	21.11 -2.80 0.00	17.02 -2.21 0.00	19.01 -1.96 0.00	18.51 -1.89 0.00	16.52 -1.65 0.00	18.64 -1.92 0.00	21.84 -2.44 0.00	24.06 -2.77 0.00	36.73 -4.14 0.00	53.69 -6.26 0.00	56.30 -7.11 0.00	34.24 -4.03 0.00	25.09 -3.07 0.00	21.31 -2.51 0.00	21.00 -2.13 0.00	19.31 -2.09 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.66 -1.55 0.00	11.52 -1.17 0.00	11.19 -1.30 0.00	9.96 -1.09 0.00	8.96 -0.90 0.00	14.71 -1.40 0.00	18.16 -1.70 0.00	22.13 -2.09 0.00	21.88 -2.03 0.00	8.73 -1.71 8.78	-0.89 -1.50 20.35	0.85 -1.45 18.10	-13.52 -1.28 30.40	-22.86 -1.43 41.98	18.38 -1.83 4.08	24.75 -2.08 0.00	38.12 -2.75 0.00	56.29 -3.66 0.00	59.64 -3.77 0.00	35.42 -2.85 0.00	25.72 -2.44 0.00	21.79 -2.03 0.00	21.30 -1.84 0.00	19.57 -1.84 0.00
ARTHUR KILL_GT_1 23520	18.76 1.23 -0.32	13.65 0.96 0.00	13.39 0.91 0.00	11.85 0.80 0.00	10.54 0.68 0.00	17.29 1.18 0.00	21.36 1.50 0.00	26.21 1.99 0.00	25.92 2.02 0.00	20.85 1.62 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.25 1.57 -4.52	24.88 1.84 -2.47	29.75 2.17 -3.29	38.48 2.01 -9.64	43.65 2.79 0.00	64.27 4.31 0.00	68.01 4.60 0.00	41.13 2.86 0.00	30.55 2.40 0.00	25.89 2.04 -0.04	24.98 1.84 0.00	23.05 1.65 0.00
ARTHUR_KILL_2 23512	18.71 1.19 -0.32	13.61 0.92 0.00	13.36 0.88 0.00	11.82 0.77 0.00	10.52 0.66 0.00	17.24 1.14 0.00	21.31 1.45 0.00	26.13 1.92 0.00	25.86 1.95 0.00	20.80 1.58 0.00	22.87 1.72 -0.19	23.03 1.74 -0.89	24.21 1.52 -4.52	24.83 1.79 -2.47	29.69 2.11 -3.29	38.40 1.93 -9.64	43.53 2.66 0.00	64.05 4.10 0.00	67.81 4.41 0.00	41.00 2.73 0.00	30.46 2.30 0.00	25.82 1.97 -0.04	24.91 1.78 0.00	22.99 1.59 0.00
ARTHUR_KILL_3 23513	18.61 1.08 -0.32	13.54 0.85 0.00	13.29 0.80 0.00	11.76 0.71 0.00	10.46 0.60 0.00	17.15 1.04 0.00	21.18 1.32 0.00	26.00 1.78 0.00	25.74 1.84 0.00	20.73 1.50 0.00	22.80 1.64 -0.19	22.95 1.66 -0.89	24.15 1.46 -4.52	24.78 1.74 -2.47	29.63 2.05 -3.29	38.44 1.97 -9.64	43.62 2.75 0.00	64.09 4.14 0.00	67.89 4.48 0.00	40.93 2.66 0.00	30.26 2.10 0.00	25.68 1.82 -0.04	24.79 1.66 0.00	22.85 1.45 0.00

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ASTORIA_GT4_4 24105	18.61 1.08 -0.32	13.53 0.84 0.00	13.28 0.79 0.00	11.75 0.70 0.00	10.45 0.59 0.00	17.12 1.02 0.00	21.18 1.32 0.00	26.01 1.80 0.00	25.76 1.85 0.00	20.74 1.51 0.00	22.80 1.64 -0.19	22.97 1.68 -0.89	24.17 1.48 -4.52	24.80 1.77 -2.47	29.66 2.08 -3.29	38.47 2.00 -9.64	43.64 2.77 0.00	64.13 4.18 0.00	67.89 4.49 0.00	40.99 2.72 0.00	30.32 2.16 0.00	25.70 1.84 -0.04	24.81 1.67 0.00	22.86 1.45 0.00
ASTORIA_GT_1 23523	18.64 1.11 -0.32	13.55 0.86 0.00	13.30 0.81 0.00	11.77 0.71 0.00	10.46 0.60 0.00	17.14 1.04 0.00	21.20 1.34 0.00	26.06 1.85 0.00	25.80 1.89 0.00	20.77 1.54 0.00	22.84 1.68 -0.19	23.00 1.71 -0.89	24.20 1.52 -4.52	24.83 1.80 -2.47	29.71 2.13 -3.29	38.52 2.05 -9.64	43.73 2.86 0.00	64.27 4.31 0.00	68.02 4.61 0.00	41.08 2.81 0.00	30.38 2.22 0.00	25.74 1.89 -0.04	24.85 1.71 0.00	22.90 1.49 0.00
ASTORIA_GT_10 24110	18.64 1.12 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.01 1.79 0.00	25.77 1.87 0.00	20.77 1.55 0.00	22.84 1.68 -0.19	22.99 1.70 -0.89	24.19 1.50 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.49 2.02 -9.64	43.68 2.81 0.00	64.14 4.19 0.00	67.89 4.48 0.00	40.98 2.70 0.00	30.33 2.17 0.00	25.70 1.85 -0.04	24.80 1.67 0.00	22.86 1.46 0.00
ASTORIA_GT_11 24225	18.64 1.12 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.01 1.79 0.00	25.77 1.87 0.00	20.77 1.55 0.00	22.84 1.68 -0.19	22.99 1.70 -0.89	24.19 1.50 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.49 2.02 -9.64	43.68 2.81 0.00	64.14 4.19 0.00	67.89 4.48 0.00	40.98 2.70 0.00	30.33 2.17 0.00	25.70 1.85 -0.04	24.80 1.67 0.00	22.86 1.46 0.00
ASTORIA_GT_12 24226	18.64 1.12 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.01 1.79 0.00	25.77 1.87 0.00	20.77 1.55 0.00	22.84 1.68 -0.19	22.99 1.70 -0.89	24.19 1.50 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.49 2.02 -9.64	43.68 2.81 0.00	64.14 4.19 0.00	67.89 4.48 0.00	40.98 2.70 0.00	30.33 2.17 0.00	25.70 1.85 -0.04	24.80 1.67 0.00	22.86 1.46 0.00
ASTORIA_GT_13 24227	18.64 1.12 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.01 1.79 0.00	25.77 1.87 0.00	20.77 1.55 0.00	22.84 1.68 -0.19	22.99 1.70 -0.89	24.19 1.50 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.49 2.02 -9.64	43.68 2.81 0.00	64.14 4.19 0.00	67.89 4.48 0.00	40.98 2.70 0.00	30.33 2.17 0.00	25.70 1.85 -0.04	24.80 1.67 0.00	22.86 1.46 0.00
ASTORIA_GT_5 24106	18.64 1.11 -0.32	13.55 0.86 0.00	13.30 0.81 0.00	11.77 0.71 0.00	10.46 0.60 0.00	17.14 1.04 0.00	21.20 1.34 0.00	26.06 1.84 0.00	25.80 1.90 0.00	20.77 1.54 0.00	22.84 1.68 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.84 1.80 -2.47	29.71 2.13 -3.29	38.53 2.06 -9.64	43.73 2.86 0.00	64.27 4.31 0.00	68.02 4.61 0.00	41.07 2.80 0.00	30.38 2.22 0.00	25.74 1.89 -0.04	24.85 1.72 0.00	22.90 1.49 0.00
ASTORIA_GT_7 24107	18.64 1.11 -0.32	13.55 0.86 0.00	13.30 0.81 0.00	11.77 0.71 0.00	10.46 0.60 0.00	17.14 1.04 0.00	21.20 1.34 0.00	26.06 1.84 0.00	25.80 1.90 0.00	20.77 1.54 0.00	22.84 1.68 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.84 1.80 -2.47	29.71 2.13 -3.29	38.53 2.06 -9.64	43.73 2.86 0.00	64.27 4.31 0.00	68.02 4.61 0.00	41.07 2.80 0.00	30.38 2.22 0.00	25.74 1.89 -0.04	24.85 1.72 0.00	22.90 1.49 0.00
ASTORIA_GT_8 24108	18.64 1.11 -0.32	13.55 0.86 0.00	13.30 0.81 0.00	11.77 0.71 0.00	10.46 0.60 0.00	17.14 1.04 0.00	21.20 1.34 0.00	26.06 1.84 0.00	25.80 1.90 0.00	20.77 1.54 0.00	22.84 1.68 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.84 1.80 -2.47	29.71 2.13 -3.29	38.53 2.06 -9.64	43.73 2.86 0.00	64.27 4.31 0.00	68.02 4.61 0.00	41.07 2.80 0.00	30.38 2.22 0.00	25.74 1.89 -0.04	24.85 1.72 0.00	22.90 1.49 0.00
ASTORIA___2 24149	18.60 1.07 -0.32	13.53 0.84 0.00	13.28 0.80 0.00	11.75 0.70 0.00	10.45 0.59 0.00	17.12 1.02 0.00	21.18 1.32 0.00	26.02 1.80 0.00	25.75 1.85 0.00	20.73 1.51 0.00	22.80 1.64 -0.19	22.97 1.68 -0.89	24.17 1.48 -4.52	24.80 1.76 -2.47	29.66 2.08 -3.29	38.47 2.00 -9.64	43.64 2.77 0.00	64.14 4.19 0.00	67.89 4.49 0.00	41.00 2.73 0.00	30.33 2.17 0.00	25.70 1.85 -0.04	24.81 1.67 0.00	22.86 1.46 0.00
ASTORIA___3 23516	18.64 1.11 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.01 1.80 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.83 1.67 -0.19	22.99 1.70 -0.89	24.19 1.50 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.49 2.02 -9.64	43.68 2.81 0.00	64.14 4.19 0.00	67.88 4.47 0.00	40.98 2.71 0.00	30.33 2.17 0.00	25.70 1.85 -0.04	24.80 1.67 0.00	22.86 1.46 0.00
ASTORIA___4 23517	18.64 1.12 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.01 1.79 0.00	25.77 1.87 0.00	20.77 1.55 0.00	22.84 1.68 -0.19	22.99 1.70 -0.89	24.19 1.50 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.49 2.02 -9.64	43.68 2.81 0.00	64.14 4.19 0.00	67.89 4.48 0.00	40.98 2.70 0.00	30.33 2.17 0.00	25.70 1.85 -0.04	24.80 1.67 0.00	22.86 1.46 0.00
ASTORIA___5 23518	18.64 1.11 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.01 1.80 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.83 1.67 -0.19	22.99 1.70 -0.89	24.19 1.50 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.49 2.02 -9.64	43.68 2.81 0.00	64.14 4.19 0.00	67.87 4.47 0.00	40.97 2.70 0.00	30.33 2.17 0.00	25.70 1.85 -0.04	24.80 1.67 0.00	22.86 1.46 0.00
AST_ENERGY_2_CC3 323677	18.63 1.10 -0.32	13.55 0.86 0.00	13.30 0.81 0.00	11.77 0.72 0.00	10.46 0.60 0.00	17.13 1.03 0.00	21.15 1.30 0.00	25.96 1.75 0.00	25.72 1.82 0.00	20.72 1.49 0.00	22.84 1.68 -0.19	22.98 1.69 -0.89	24.18 1.49 -4.52	24.80 1.76 -2.47	29.65 2.07 -3.29	38.46 1.99 -9.64	43.66 2.80 0.00	64.14 4.19 0.00	67.89 4.48 0.00	40.94 2.67 0.00	30.27 2.11 0.00	25.68 1.83 -0.04	24.79 1.66 0.00	22.87 1.46 0.00
AST_ENERGY_2_CC4 323678	18.63 1.10 -0.32	13.55 0.86 0.00	13.30 0.81 0.00	11.77 0.72 0.00	10.46 0.60 0.00	17.13 1.03 0.00	21.15 1.30 0.00	25.96 1.75 0.00	25.72 1.82 0.00	20.72 1.49 0.00	22.84 1.68 -0.19	22.98 1.69 -0.89	24.18 1.49 -4.52	24.80 1.76 -2.47	29.65 2.07 -3.29	38.46 1.99 -9.64	43.66 2.80 0.00	64.14 4.19 0.00	67.89 4.48 0.00	40.94 2.67 0.00	30.27 2.11 0.00	25.68 1.83 -0.04	24.79 1.66 0.00	22.87 1.46 0.00

ATHENS_STG_1 23668	17.89 0.55 -0.14	13.13 0.44 0.00	12.93 0.44 0.00	11.44 0.39 0.00	10.18 0.32 0.00	16.63 0.52 0.00	20.48 0.62 0.00	25.06 0.85 0.00	24.78 0.87 0.00	19.93 0.71 0.00	21.79 0.74 -0.08	21.50 0.72 -0.38	20.74 0.64 -1.93	22.38 0.76 -1.06	26.62 0.93 -1.41	31.86 0.92 -4.11	42.11 1.24 0.00	61.74 1.78 0.00	65.32 1.91 0.00	39.48 1.21 0.00	29.14 0.98 0.00	24.67 0.84 -0.02	23.90 0.76 0.00	22.06 0.66 0.00
ATHENS_STG_2 23670	17.89 0.55 -0.14	13.13 0.44 0.00	12.93 0.44 0.00	11.44 0.39 0.00	10.18 0.32 0.00	16.63 0.52 0.00	20.48 0.62 0.00	25.06 0.85 0.00	24.78 0.87 0.00	19.93 0.71 0.00	21.79 0.74 -0.08	21.50 0.72 -0.38	20.74 0.64 -1.93	22.38 0.76 -1.06	26.62 0.93 -1.41	31.86 0.92 -4.11	42.11 1.24 0.00	61.74 1.78 0.00	65.32 1.91 0.00	39.48 1.21 0.00	29.14 0.98 0.00	24.67 0.84 -0.02	23.90 0.76 0.00	22.06 0.66 0.00
ATHENS_STG_3 23677	17.89 0.55 -0.14	13.13 0.44 0.00	12.93 0.44 0.00	11.44 0.39 0.00	10.18 0.32 0.00	16.63 0.52 0.00	20.48 0.62 0.00	25.06 0.85 0.00	24.78 0.87 0.00	19.93 0.71 0.00	21.79 0.74 -0.08	21.50 0.72 -0.38	20.74 0.64 -1.93	22.38 0.76 -1.06	26.62 0.93 -1.41	31.86 0.92 -4.11	42.11 1.24 0.00	61.74 1.78 0.00	65.32 1.91 0.00	39.48 1.21 0.00	29.14 0.98 0.00	24.67 0.84 -0.02	23.90 0.76 0.00	22.06 0.66 0.00
AUBURN___LFGE 323710	17.06 -0.15 0.00	12.50 -0.18 0.00	12.28 -0.21 0.00	10.88 -0.16 0.00	9.72 -0.14 0.00	15.89 -0.22 0.00	19.60 -0.25 0.00	24.16 -0.05 0.00	23.84 -0.07 0.00	18.83 -0.40 0.00	20.54 -0.44 0.00	19.97 -0.43 0.00	17.79 -0.37 0.00	20.13 -0.43 0.00	24.03 -0.25 0.00	26.37 -0.45 0.00	40.40 -0.46 0.00	59.36 -0.59 0.00	62.72 -0.68 0.00	37.82 -0.45 0.00	27.75 -0.41 0.00	23.45 -0.37 0.00	22.80 -0.33 0.00	21.10 -0.30 0.00
BABYLON_RES_REC 323704	19.53 1.53 -0.79	14.86 1.20 -0.98	13.60 1.11 0.00	11.95 0.90 0.00	10.54 0.68 0.00	17.19 1.09 0.00	21.11 1.25 0.00	25.89 1.68 0.00	25.60 1.70 0.00	20.58 1.35 0.00	22.74 1.58 -0.19	23.03 1.74 -0.89	24.28 1.60 -4.50	24.97 1.95 -2.46	29.53 1.97 -3.28	38.15 1.72 -9.61	43.09 2.22 0.00	62.58 2.63 0.00	66.33 2.92 0.00	40.31 2.04 0.00	30.04 1.89 0.00	25.83 1.98 -0.04	24.88 1.75 0.00	23.00 1.59 0.00
BABYLON__69_KV_BK2 356345	19.71 1.71 -0.79	14.98 1.32 -0.98	13.72 1.23 0.00	12.05 1.00 0.00	10.63 0.77 0.00	17.33 1.23 0.00	21.28 1.43 0.00	26.10 1.89 0.00	25.80 1.89 0.00	20.73 1.50 0.00	22.89 1.73 -0.19	23.19 1.91 -0.89	24.43 1.75 -4.50	25.16 2.13 -2.46	29.87 2.30 -3.28	38.59 2.15 -9.61	43.78 2.92 0.00	63.72 3.77 0.00	67.53 4.12 0.00	40.97 2.70 0.00	30.49 2.33 0.00	26.06 2.21 -0.04	25.09 1.96 0.00	23.19 1.78 0.00
BALL_HILL_WT_PWR 323825	15.89 -1.32 0.00	11.65 -1.04 0.00	11.37 -1.12 0.00	10.08 -0.97 0.00	9.07 -0.79 0.00	14.86 -1.25 0.00	18.32 -1.54 0.00	22.31 -1.91 0.00	22.05 -1.86 0.00	16.82 -1.50 0.91	17.61 -1.26 2.11	17.33 -1.20 1.87	13.96 -1.06 3.15	15.01 -1.20 4.35	22.32 -1.55 0.42	24.95 -1.88 0.00	38.28 -2.58 0.00	56.32 -3.63 0.00	59.41 -4.00 0.00	35.73 -2.54 0.00	26.06 -2.10 0.00	22.09 -1.72 0.00	21.67 -1.47 0.00	19.92 -1.49 0.00
BARON_WINDS___WT_PWR 323822	16.04 -1.17 0.00	11.71 -0.98 0.00	11.47 -1.01 0.00	10.26 -0.80 0.00	9.14 -0.72 0.00	14.98 -1.13 0.00	18.48 -1.37 0.00	22.49 -1.73 0.00	22.23 -1.67 0.00	17.73 -1.50 0.00	19.57 -1.40 0.00	18.97 -1.43 0.00	16.85 -1.32 0.00	19.16 -1.41 0.00	22.64 -1.65 0.00	24.85 -1.98 0.00	38.52 -2.36 0.00	56.66 -3.29 0.00	59.61 -3.79 0.00	35.85 -2.42 0.00	26.08 -2.08 0.00	22.00 -1.82 0.00	21.54 -1.60 0.00	19.80 -1.60 0.00
BARRETT_IC_1 23704	19.32 1.32 -0.79	14.70 1.04 -0.98	13.45 0.97 0.00	11.85 0.79 0.00	10.47 0.61 0.00	17.07 0.97 0.00	20.92 1.06 0.00	25.63 1.42 0.00	25.36 1.45 0.00	20.43 1.20 0.00	22.61 1.45 -0.19	22.94 1.65 -0.89	24.20 1.52 -4.50	24.86 1.83 -2.46	29.56 1.99 -3.28	38.20 1.76 -9.61	43.15 2.28 0.00	62.96 3.00 0.00	66.65 3.24 0.00	40.37 2.10 0.00	29.99 1.83 0.00	25.61 1.76 -0.04	24.68 1.54 0.00	22.80 1.39 0.00
BARRETT_IC_10 23701	19.32 1.32 -0.79	14.70 1.04 -0.98	13.45 0.97 0.00	11.85 0.79 0.00	10.47 0.61 0.00	17.07 0.97 0.00	20.92 1.06 0.00	25.63 1.42 0.00	25.36 1.45 0.00	20.43 1.20 0.00	22.61 1.45 -0.19	22.94 1.65 -0.89	24.20 1.52 -4.50	24.86 1.83 -2.46	29.56 1.99 -3.28	38.20 1.76 -9.61	43.15 2.28 0.00	62.96 3.00 0.00	66.65 3.24 0.00	40.37 2.10 0.00	29.99 1.83 0.00	25.61 1.76 -0.04	24.68 1.54 0.00	22.80 1.39 0.00
BARRETT_IC_11 23702	19.32 1.32 -0.79	14.70 1.04 -0.98	13.45 0.97 0.00	11.85 0.79 0.00	10.47 0.61 0.00	17.07 0.97 0.00	20.92 1.06 0.00	25.63 1.42 0.00	25.36 1.45 0.00	20.43 1.20 0.00	22.61 1.45 -0.19	22.94 1.65 -0.89	24.20 1.52 -4.50	24.86 1.83 -2.46	29.56 1.99 -3.28	38.20 1.76 -9.61	43.15 2.28 0.00	62.96 3.00 0.00	66.65 3.24 0.00	40.37 2.10 0.00	29.99 1.83 0.00	25.61 1.76 -0.04	24.68 1.54 0.00	22.80 1.39 0.00
BARRETT_IC_12 23703	19.32 1.32 -0.79	14.70 1.04 -0.98	13.45 0.97 0.00	11.85 0.79 0.00	10.47 0.61 0.00	17.07 0.97 0.00	20.92 1.06 0.00	25.63 1.42 0.00	25.36 1.45 0.00	20.43 1.20 0.00	22.61 1.45 -0.19	22.94 1.65 -0.89	24.20 1.52 -4.50	24.86 1.83 -2.46	29.56 1.99 -3.28	38.20 1.76 -9.61	43.15 2.28 0.00	62.96 3.00 0.00	66.65 3.24 0.00	40.37 2.10 0.00	29.99 1.83 0.00	25.61 1.76 -0.04	24.68 1.54 0.00	22.80 1.39 0.00
BARRETT_IC_2 23705	19.32 1.32 -0.79	14.70 1.04 -0.98	13.45 0.97 0.00	11.85 0.79 0.00	10.47 0.61 0.00	17.07 0.97 0.00	20.92 1.06 0.00	25.63 1.42 0.00	25.36 1.45 0.00	20.43 1.20 0.00	22.61 1.45 -0.19	22.94 1.65 -0.89	24.20 1.52 -4.50	24.86 1.83 -2.46	29.56 1.99 -3.28	38.20 1.76 -9.61	43.15 2.28 0.00	62.96 3.00 0.00	66.65 3.24 0.00	40.37 2.10 0.00	29.99 1.83 0.00	25.61 1.76 -0.04	24.68 1.54 0.00	22.80 1.39 0.00
BARRETT_IC_3 23706	19.32 1.32 -0.79	14.70 1.04 -0.98	13.45 0.97 0.00	11.85 0.79 0.00	10.47 0.61 0.00	17.07 0.97 0.00	20.92 1.06 0.00	25.63 1.42 0.00	25.36 1.45 0.00	20.43 1.20 0.00	22.61 1.45 -0.19	22.94 1.65 -0.89	24.20 1.52 -4.50	24.86 1.83 -2.46	29.56 1.99 -3.28	38.20 1.76 -9.61	43.15 2.28 0.00	62.96 3.00 0.00	66.65 3.24 0.00	40.37 2.10 0.00	29.99 1.83 0.00	25.61 1.76 -0.04	24.68 1.54 0.00	22.80 1.39 0.00
BARRETT_IC_4 23707	19.32 1.32 -0.79	14.70 1.04 -0.98	13.45 0.97 0.00	11.85 0.79 0.00	10.47 0.61 0.00	17.07 0.97 0.00	20.92 1.06 0.00	25.63 1.42 0.00	25.36 1.45 0.00	20.43 1.20 0.00	22.61 1.45 -0.19	22.94 1.65 -0.89	24.20 1.52 -4.50	24.86 1.83 -2.46	29.56 1.99 -3.28	38.20 1.76 -9.61	43.15 2.28 0.00	62.96 3.00 0.00	66.65 3.24 0.00	40.37 2.10 0.00	29.99 1.83 0.00	25.61 1.76 -0.04	24.68 1.54 0.00	22.80 1.39 0.00

BARRETT_IC_5 23708	19.32 1.32 -0.79	14.70 1.04 -0.98	13.45 0.97 0.00	11.85 0.79 0.00	10.47 0.61 0.00	17.07 0.97 0.00	20.92 1.06 0.00	25.63 1.42 0.00	25.36 1.45 0.00	20.43 1.20 0.00	22.61 1.45 -0.19	22.94 1.65 -0.89	24.20 1.52 -4.50	24.86 1.83 -2.46	29.56 1.99 -3.28	38.20 1.76 -9.61	43.15 2.28 0.00	62.96 3.00 0.00	66.65 3.24 0.00	40.37 2.10 0.00	29.99 1.83 0.00	25.61 1.76 -0.04	24.68 1.54 0.00	22.80 1.39 0.00
BARRETT_IC_6 23709	19.32 1.32 -0.79	14.70 1.04 -0.98	13.45 0.97 0.00	11.85 0.79 0.00	10.47 0.61 0.00	17.07 0.97 0.00	20.92 1.06 0.00	25.63 1.42 0.00	25.36 1.45 0.00	20.43 1.20 0.00	22.61 1.45 -0.19	22.94 1.65 -0.89	24.20 1.52 -4.50	24.86 1.83 -2.46	29.56 1.99 -3.28	38.20 1.76 -9.61	43.15 2.28 0.00	62.96 3.00 0.00	66.65 3.24 0.00	40.37 2.10 0.00	29.99 1.83 0.00	25.61 1.76 -0.04	24.68 1.54 0.00	22.80 1.39 0.00
BARRETT_IC_7 23710	19.32 1.32 -0.79	14.70 1.04 -0.98	13.45 0.97 0.00	11.85 0.79 0.00	10.47 0.61 0.00	17.07 0.97 0.00	20.92 1.06 0.00	25.63 1.41 0.00	25.36 1.45 0.00	20.43 1.20 0.00	22.61 1.45 -0.19	22.94 1.66 -0.89	24.20 1.53 -4.50	24.87 1.84 -2.46	29.56 1.99 -3.28	38.20 1.76 -9.61	43.15 2.28 0.00	62.96 3.01 0.00	66.66 3.26 0.00	40.37 2.10 0.00	29.98 1.82 0.00	25.61 1.76 -0.04	24.68 1.54 0.00	22.80 1.39 0.00
BARRETT_IC_8 23711	19.32 1.32 -0.79	14.70 1.04 -0.98	13.45 0.97 0.00	11.85 0.79 0.00	10.47 0.61 0.00	17.07 0.97 0.00	20.92 1.06 0.00	25.63 1.42 0.00	25.36 1.45 0.00	20.43 1.20 0.00	22.61 1.45 -0.19	22.94 1.65 -0.89	24.20 1.52 -4.50	24.86 1.83 -2.46	29.56 1.99 -3.28	38.20 1.76 -9.61	43.15 2.28 0.00	62.96 3.00 0.00	66.65 3.24 0.00	40.37 2.10 0.00	29.99 1.83 0.00	25.61 1.76 -0.04	24.68 1.54 0.00	22.80 1.39 0.00
BARRETT_IC_9 23700	19.32 1.32 -0.79	14.70 1.04 -0.98	13.45 0.97 0.00	11.85 0.79 0.00	10.47 0.61 0.00	17.07 0.97 0.00	20.92 1.06 0.00	25.63 1.42 0.00	25.36 1.45 0.00	20.43 1.20 0.00	22.61 1.45 -0.19	22.94 1.65 -0.89	24.20 1.52 -4.50	24.86 1.83 -2.46	29.56 1.99 -3.28	38.20 1.76 -9.61	43.15 2.28 0.00	62.96 3.00 0.00	66.65 3.24 0.00	40.37 2.10 0.00	29.99 1.83 0.00	25.61 1.76 -0.04	24.68 1.54 0.00	22.80 1.39 0.00
BARRETT___1 23545	19.32 1.32 -0.79	14.70 1.04 -0.98	13.45 0.97 0.00	11.85 0.79 0.00	10.47 0.61 0.00	17.07 0.97 0.00	20.92 1.06 0.00	25.63 1.42 0.00	25.36 1.45 0.00	20.43 1.20 0.00	22.61 1.45 -0.19	22.94 1.65 -0.89	24.20 1.52 -4.50	24.86 1.83 -2.46	29.56 1.99 -3.28	38.20 1.76 -9.61	43.15 2.28 0.00	62.96 3.00 0.00	66.65 3.24 0.00	40.37 2.10 0.00	29.99 1.83 0.00	25.61 1.76 -0.04	24.68 1.54 0.00	22.80 1.39 0.00
BARRETT___2 23546	19.32 1.32 -0.79	14.70 1.04 -0.98	13.45 0.97 0.00	11.85 0.79 0.00	10.47 0.61 0.00	17.07 0.97 0.00	20.92 1.06 0.00	25.63 1.42 0.00	25.36 1.45 0.00	20.43 1.20 0.00	22.61 1.45 -0.19	22.94 1.65 -0.89	24.20 1.52 -4.50	24.86 1.83 -2.46	29.56 1.99 -3.28	38.20 1.76 -9.61	43.15 2.28 0.00	62.96 3.00 0.00	66.65 3.24 0.00	40.37 2.10 0.00	29.99 1.83 0.00	25.61 1.76 -0.04	24.68 1.54 0.00	22.80 1.39 0.00
BATAVIA__115KV_TB1 55881	16.10 -1.11 0.00	11.82 -0.87 0.00	11.56 -0.92 0.00	10.23 -0.82 0.00	9.22 -0.64 0.00	15.12 -0.99 0.00	18.73 -1.13 0.00	22.81 -1.40 0.00	22.39 -1.51 0.00	17.95 -1.27 0.00	19.93 -1.04 0.00	19.45 -0.94 0.00	17.28 -0.88 0.00	19.52 -1.05 0.00	22.94 -1.35 0.00	25.39 -1.44 0.00	39.08 -1.79 0.00	57.38 -2.57 0.00	60.22 -3.18 0.00	36.49 -1.78 0.00	26.67 -1.48 0.00	22.58 -1.23 0.00	22.14 -0.99 0.00	20.35 -1.06 0.00
BAYONEEC___CTG1 323682	18.64 1.12 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.81 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.50 2.03 -9.64	43.72 2.85 0.00	64.23 4.28 0.00	67.98 4.58 0.00	41.00 2.73 0.00	30.32 2.16 0.00	25.71 1.86 -0.04	24.84 1.70 0.00	22.89 1.49 0.00
BAYONEEC___CTG10 323750	18.64 1.12 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.81 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.50 2.03 -9.64	43.72 2.85 0.00	64.23 4.28 0.00	67.98 4.58 0.00	41.00 2.73 0.00	30.32 2.16 0.00	25.71 1.86 -0.04	24.84 1.70 0.00	22.89 1.49 0.00
BAYONEEC___CTG2 323683	18.64 1.12 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.81 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.50 2.03 -9.64	43.72 2.85 0.00	64.23 4.28 0.00	67.98 4.58 0.00	41.00 2.73 0.00	30.32 2.16 0.00	25.71 1.86 -0.04	24.84 1.70 0.00	22.89 1.49 0.00
BAYONEEC___CTG3 323684	18.64 1.12 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.81 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.50 2.03 -9.64	43.72 2.85 0.00	64.23 4.28 0.00	67.98 4.58 0.00	41.00 2.73 0.00	30.32 2.16 0.00	25.71 1.86 -0.04	24.84 1.70 0.00	22.89 1.49 0.00
BAYONEEC___CTG4 323685	18.64 1.12 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.81 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.50 2.03 -9.64	43.72 2.85 0.00	64.23 4.28 0.00	67.98 4.58 0.00	41.00 2.73 0.00	30.32 2.16 0.00	25.71 1.86 -0.04	24.84 1.70 0.00	22.89 1.49 0.00
BAYONEEC___CTG5 323686	18.64 1.12 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.81 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.50 2.03 -9.64	43.72 2.85 0.00	64.23 4.28 0.00	67.98 4.58 0.00	41.00 2.73 0.00	30.32 2.16 0.00	25.71 1.86 -0.04	24.84 1.70 0.00	22.89 1.49 0.00
BAYONEEC___CTG6 323687	18.64 1.12 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.81 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.50 2.03 -9.64	43.72 2.85 0.00	64.23 4.28 0.00	67.98 4.58 0.00	41.00 2.73 0.00	30.32 2.16 0.00	25.71 1.86 -0.04	24.84 1.70 0.00	22.89 1.49 0.00

BAYONEEC___CTG7 323688	18.64 1.12 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.81 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.50 2.03 -9.64	43.72 2.85 0.00	64.23 4.28 0.00	67.98 4.58 0.00	41.00 2.73 0.00	30.32 2.16 0.00	25.71 1.86 -0.04	24.84 1.70 0.00	22.89 1.49 0.00
BAYONEEC___CTG8 323689	18.64 1.12 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.81 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.50 2.03 -9.64	43.72 2.85 0.00	64.23 4.28 0.00	67.98 4.58 0.00	41.00 2.73 0.00	30.32 2.16 0.00	25.71 1.86 -0.04	24.84 1.70 0.00	22.89 1.49 0.00
BAYONEEC___CTG9 323749	18.64 1.12 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.81 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.50 2.03 -9.64	43.72 2.85 0.00	64.23 4.28 0.00	67.98 4.58 0.00	41.00 2.73 0.00	30.32 2.16 0.00	25.71 1.86 -0.04	24.84 1.70 0.00	22.89 1.49 0.00
BEACON___LESR 323632	17.99 0.69 -0.10	13.21 0.52 0.00	13.02 0.54 0.00	11.51 0.46 0.00	10.26 0.41 0.00	16.82 0.72 0.00	20.67 0.81 0.00	25.37 1.15 0.00	24.99 1.09 0.00	20.08 0.85 0.00	21.89 0.86 -0.06	21.43 0.75 -0.28	20.31 0.72 -1.43	22.18 0.83 -0.78	26.41 1.08 -1.04	31.03 1.16 -3.05	42.56 1.69 0.00	62.29 2.34 0.00	65.83 2.42 0.00	39.96 1.69 0.00	29.35 1.19 0.00	24.84 1.01 -0.01	24.08 0.94 0.00	22.22 0.82 0.00
BEAVER RIVER___HYD 24048	16.87 -0.34 0.00	15.46 -0.28 -3.05	20.02 -0.31 -7.85	18.13 -0.26 -7.34	15.07 -0.18 -5.39	15.86 -0.25 0.00	23.84 0.04 -3.94	34.99 0.33 -10.44	27.34 0.30 -3.13	19.12 -0.11 0.00	20.65 -0.32 0.00	19.87 -0.52 0.00	17.74 -0.43 0.00	19.94 -0.62 0.00	23.87 -0.42 0.00	26.71 -0.11 0.00	41.91 1.04 0.00	62.14 2.18 0.00	64.92 1.51 0.00	43.52 0.09 -5.16	38.97 -0.35 -11.16	33.57 -0.44 -10.19	32.58 -0.55 -9.99	28.13 -0.56 -7.28
BEEBEE_GT_13 23619	16.26 -0.94 0.00	11.96 -0.73 0.00	11.71 -0.77 0.00	10.37 -0.69 0.00	9.31 -0.55 0.00	15.24 -0.87 0.00	18.82 -1.03 0.00	22.93 -1.29 0.00	22.59 -1.31 0.00	18.16 -1.07 0.00	20.06 -0.91 0.00	19.53 -0.87 0.00	17.39 -0.78 0.00	19.67 -0.89 0.00	23.18 -1.11 0.00	25.61 -1.22 0.00	39.18 -1.69 0.00	57.45 -2.50 0.00	60.43 -2.97 0.00	36.55 -1.72 0.00	26.77 -1.39 0.00	22.65 -1.16 0.00	22.14 -0.99 0.00	20.43 -0.97 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.79 1.26 -0.32	13.66 0.97 0.00	13.40 0.92 0.00	11.86 0.81 0.00	10.54 0.68 0.00	17.29 1.19 0.00	21.37 1.52 0.00	26.24 2.03 0.00	26.01 2.11 0.00	20.95 1.72 0.00	23.05 1.89 -0.19	23.20 1.91 -0.89	24.38 1.69 -4.52	25.03 2.00 -2.47	29.94 2.36 -3.29	38.74 2.26 -9.64	44.06 3.19 0.00	64.77 4.82 0.00	68.54 5.13 0.00	41.39 3.12 0.00	30.67 2.51 0.00	25.96 2.10 -0.04	25.05 1.91 0.00	23.08 1.67 0.00
BETHLEHEM___GRP 23843	17.77 0.46 -0.10	13.07 0.37 0.00	12.87 0.39 0.00	11.40 0.35 0.00	10.15 0.29 0.00	16.56 0.45 0.00	20.39 0.53 0.00	24.92 0.70 0.00	24.63 0.73 0.00	19.81 0.58 -0.06	21.59 0.56 -0.28	21.22 0.54 -1.43	20.10 0.50 -0.78	21.90 0.56 -1.04	26.03 0.70 -3.04	30.62 0.75 0.00	41.88 1.01 0.00	61.37 1.42 0.00	64.94 1.54 0.00	39.24 0.97 0.00	28.94 0.79 0.00	24.49 0.66 -0.01	23.74 0.60 0.00	21.92 0.51 0.00
BETHLEHEM___GS1 323560	17.77 0.46 -0.10	13.07 0.37 0.00	12.87 0.39 0.00	11.40 0.35 0.00	10.15 0.29 0.00	16.56 0.45 0.00	20.39 0.53 0.00	24.92 0.71 0.00	24.63 0.73 0.00	19.82 0.59 -0.06	21.59 0.56 -0.28	21.22 0.54 -1.43	20.10 0.50 -0.78	21.90 0.56 -1.04	26.03 0.70 -3.04	30.62 0.75 0.00	41.88 1.01 0.00	61.37 1.42 0.00	64.93 1.53 0.00	39.24 0.97 0.00	28.95 0.79 0.00	24.50 0.67 -0.01	23.74 0.60 0.00	21.92 0.51 0.00
BETHLEHEM___GS2 323561	17.77 0.46 -0.10	13.07 0.37 0.00	12.87 0.39 0.00	11.40 0.35 0.00	10.15 0.29 0.00	16.56 0.45 0.00	20.39 0.53 0.00	24.92 0.71 0.00	24.63 0.73 0.00	19.82 0.59 -0.06	21.59 0.56 -0.28	21.22 0.54 -1.43	20.10 0.50 -0.78	21.90 0.56 -1.04	26.03 0.70 -3.04	30.62 0.75 0.00	41.88 1.01 0.00	61.37 1.42 0.00	64.93 1.53 0.00	39.24 0.97 0.00	28.95 0.79 0.00	24.50 0.67 -0.01	23.74 0.60 0.00	21.92 0.51 0.00
BETHLEHEM___GS3 323562	17.77 0.46 -0.10	13.07 0.37 0.00	12.87 0.39 0.00	11.40 0.35 0.00	10.15 0.29 0.00	16.56 0.45 0.00	20.39 0.53 0.00	24.92 0.71 0.00	24.63 0.73 0.00	19.82 0.59 -0.06	21.59 0.56 -0.28	21.22 0.54 -1.43	20.10 0.50 -0.78	21.90 0.56 -1.04	26.03 0.70 -3.04	30.62 0.75 0.00	41.88 1.01 0.00	61.37 1.42 0.00	64.93 1.53 0.00	39.24 0.97 0.00	28.95 0.79 0.00	24.50 0.67 -0.01	23.74 0.60 0.00	21.92 0.51 0.00
BETHLEHEM___STEEL 23779	15.89 -1.32 0.00	11.65 -1.04 0.00	11.38 -1.10 0.00	10.08 -0.97 0.00	9.09 -0.78 0.00	14.87 -1.24 0.00	18.36 -1.50 0.00	22.33 -1.88 0.00	22.04 -1.86 0.00	17.71 -1.52 0.00	19.73 -1.25 0.00	19.16 -1.24 0.00	17.09 -1.08 0.00	19.32 -1.24 0.00	22.70 -1.59 0.00	24.99 -1.84 0.00	38.30 -2.57 0.00	56.14 -3.81 0.00	59.03 -4.37 0.00	35.76 -2.51 0.00	26.10 -2.06 0.00	22.12 -1.69 0.00	21.73 -1.41 0.00	19.97 -1.43 0.00
BETHLHEM_115KV_TB1 79974	17.77 0.46 -0.10	13.07 0.38 0.00	12.88 0.39 0.00	11.40 0.35 0.00	10.15 0.30 0.00	16.56 0.46 0.00	20.39 0.53 0.00	24.93 0.72 0.00	24.64 0.74 0.00	19.83 0.60 -0.06	21.60 0.58 -0.28	21.23 0.55 -1.42	20.10 0.51 -0.78	21.91 0.57 -1.04	26.04 0.71 -3.04	30.63 0.76 0.00	41.91 1.04 0.00	61.40 1.45 0.00	64.97 1.56 0.00	39.27 1.00 0.00	28.96 0.80 0.00	24.51 0.68 -0.01	23.76 0.62 0.00	21.93 0.53 0.00
BETHPAGE_CC_5 323564	19.49 1.49 -0.79	14.83 1.16 -0.98	13.57 1.08 0.00	11.93 0.88 0.00	10.53 0.67 0.00	17.19 1.09 0.00	21.11 1.25 0.00	25.90 1.68 0.00	25.60 1.69 0.00	20.59 1.36 0.00	22.76 1.60 -0.19	23.05 1.76 -0.89	24.30 1.63 -4.50	24.99 1.96 -2.46	29.70 2.13 -3.28	38.36 1.92 -9.61	43.45 2.58 0.00	63.40 3.44 0.00	67.13 3.72 0.00	40.66 2.39 0.00	30.22 2.06 0.00	25.84 1.99 -0.04	24.89 1.75 0.00	23.00 1.59 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.98 -1.23 0.00	11.71 -0.98 0.00	11.45 -1.03 0.00	10.14 -0.91 0.00	9.14 -0.72 0.00	14.96 -1.15 0.00	18.47 -1.39 0.00	22.47 -1.74 0.00	22.18 -1.72 0.00	17.83 -1.40 0.00	19.84 -1.13 0.00	19.26 -1.14 0.00	17.18 -0.99 0.00	19.42 -1.14 0.00	22.83 -1.46 0.00	25.13 -1.70 0.00	38.54 -2.33 0.00	56.50 -3.45 0.00	59.44 -3.97 0.00	35.99 -2.28 0.00	26.26 -1.90 0.00	22.27 -1.55 0.00	21.85 -1.29 0.00	20.08 -1.32 0.00

BINGHAMTON___COGEN 23790	17.02 -0.19 0.00	12.51 -0.18 0.00	12.29 -0.20 0.00	10.90 -0.14 0.00	9.73 -0.13 0.00	15.90 -0.20 0.00	19.59 -0.27 0.00	23.96 -0.25 0.00	23.71 -0.20 0.00	19.03 -0.20 0.00	20.83 -0.15 0.00	20.27 -0.13 0.00	18.06 -0.11 0.00	20.46 -0.10 0.00	24.17 -0.11 0.00	26.51 -0.32 0.00	40.49 -0.37 0.00	59.39 -0.56 0.00	62.88 -0.52 0.00	37.89 -0.38 0.00	27.78 -0.38 0.00	23.53 -0.28 0.00	22.91 -0.22 0.00	21.16 -0.24 0.00
BIXINCNT_115KV_LOAD 355685	16.13 -1.08 0.00	11.82 -0.87 0.00	11.62 -0.86 0.00	10.26 -0.79 0.00	9.22 -0.64 0.00	15.13 -0.98 0.00	18.64 -1.22 0.00	22.62 -1.60 0.00	22.40 -1.51 0.00	19.20 -1.23 -1.20	22.72 -1.03 -2.78	21.60 -1.27 -2.47	21.20 -1.12 -4.15	25.05 -1.24 -5.74	23.17 -1.68 -0.56	24.96 -1.87 0.00	38.80 -2.07 0.00	57.30 -2.65 0.00	60.53 -2.88 0.00	36.48 -1.79 0.00	26.42 -1.74 0.00	22.46 -1.35 0.00	21.89 -1.25 0.00	20.09 -1.31 0.00
BLACK RIVER___HYD 24047	16.75 -0.46 0.00	14.45 -0.36 -2.13	17.55 -0.42 -5.48	15.84 -0.34 -5.13	13.39 -0.23 -3.76	15.73 -0.38 0.00	22.54 -0.07 -2.75	31.75 0.20 -7.34	26.38 0.23 -2.24	19.02 -0.21 0.00	20.53 -0.43 0.00	19.67 -0.73 0.00	17.56 -0.61 0.00	19.73 -0.83 0.00	23.61 -0.68 0.00	26.47 -0.36 0.00	41.72 0.85 0.00	61.79 1.84 0.00	64.46 1.06 0.00	41.74 -0.13 -3.60	35.45 -0.50 -7.79	30.36 -0.57 -7.12	29.45 -0.67 -6.97	25.82 -0.67 -5.09
BLACKRVR_115KV_TB2 79977	16.75 -0.46 0.00	14.45 -0.36 -2.13	17.55 -0.42 -5.48	15.84 -0.34 -5.13	13.39 -0.23 -3.76	15.73 -0.38 0.00	22.54 -0.07 -2.75	31.75 0.20 -7.34	26.37 0.23 -2.24	19.02 -0.21 0.00	20.53 -0.43 0.00	19.67 -0.73 0.00	17.56 -0.61 0.00	19.73 -0.83 0.00	23.61 -0.68 0.00	26.47 -0.36 0.00	41.71 0.84 0.00	61.79 1.84 0.00	64.46 1.06 0.00	41.75 -0.13 -3.60	35.46 -0.49 -7.79	30.36 -0.57 -7.12	29.45 -0.66 -6.97	25.82 -0.67 -5.09
BLISS_WT_PWR 323608	16.05 -1.16 0.00	11.75 -0.94 0.00	11.58 -0.90 0.00	10.21 -0.84 0.00	9.18 -0.68 0.00	15.07 -1.03 0.00	18.56 -1.29 0.00	22.47 -1.74 0.00	22.27 -1.63 0.00	19.11 -1.32 -1.20	22.61 -1.14 -2.78	21.45 -1.42 -2.47	21.05 -1.27 -4.15	24.90 -1.40 -5.74	22.95 -1.90 -0.56	24.78 -2.05 0.00	38.66 -2.21 0.00	57.18 -2.77 0.00	60.43 -2.98 0.00	36.39 -1.88 0.00	26.30 -1.86 0.00	22.36 -1.45 0.00	21.75 -1.39 0.00	19.96 -1.45 0.00
BLUESTONE___WT_PWR 323821	16.90 -0.15 0.16	12.65 -0.04 0.00	12.52 0.04 0.00	11.20 0.15 0.00	10.02 0.16 0.00	16.40 0.30 0.00	20.37 0.51 0.00	24.90 0.69 0.00	24.60 0.70 0.00	19.75 0.52 0.00	21.47 0.59 0.09	20.34 0.39 0.45	16.33 0.41 2.26	19.76 0.44 1.23	23.23 0.58 1.64	22.45 0.44 4.82	41.58 0.71 0.00	60.29 0.34 0.00	64.15 0.74 0.00	38.74 0.47 0.00	28.39 0.23 0.00	24.15 0.35 0.02	23.42 0.28 0.00	21.58 0.18 0.00
BLUE_CIRC_CHEM_DRP 24182	17.90 0.61 -0.08	13.17 0.48 0.00	12.98 0.49 0.00	11.48 0.43 0.00	10.23 0.37 0.00	16.69 0.59 0.00	20.55 0.69 0.00	25.10 0.88 0.00	24.80 0.89 0.00	19.92 0.69 0.00	21.65 0.63 -0.05	21.21 0.57 -0.23	19.84 0.51 -1.17	21.77 0.57 -0.64	25.87 0.73 -0.85	30.22 0.89 -2.50	42.20 1.33 0.00	61.87 1.92 0.00	65.40 1.99 0.00	39.53 1.26 0.00	29.14 0.99 0.00	24.66 0.83 -0.01	23.91 0.77 0.00	22.09 0.68 0.00
BOC_GAS_DRP 24189	17.76 0.45 -0.10	13.05 0.36 0.00	12.86 0.37 0.00	11.38 0.33 0.00	10.13 0.28 0.00	16.54 0.44 0.00	20.37 0.51 0.00	24.90 0.68 0.00	24.61 0.70 0.00	19.79 0.57 0.00	21.59 0.56 -0.06	21.22 0.54 -0.28	20.06 0.49 -1.40	21.90 0.57 -0.77	26.01 0.70 -1.02	30.55 0.73 -2.99	41.85 0.98 0.00	61.33 1.38 0.00	64.89 1.49 0.00	39.22 0.95 0.00	28.93 0.77 0.00	24.48 0.66 -0.01	23.74 0.60 0.00	21.93 0.52 0.00
BOONVILLE_115KV_TB1 79983	17.27 0.06 0.00	13.87 0.03 -1.15	15.46 0.01 -2.97	13.85 0.02 -2.78	11.94 0.04 -2.04	16.22 0.12 0.00	21.66 0.30 -1.50	28.80 0.56 -4.03	25.65 0.53 -1.21	19.51 0.28 0.00	21.15 0.18 0.00	20.47 0.07 0.00	18.22 0.05 0.00	20.55 -0.01 0.00	24.42 0.13 0.00	27.16 0.34 0.00	41.94 1.07 0.00	61.83 1.88 0.00	64.97 1.56 0.00	40.78 0.56 -1.95	32.58 0.20 -4.22	27.78 0.11 -3.86	26.95 0.03 -3.78	24.14 -0.02 -2.76
BORALEX_4TH_BRANCH 23824	18.49 1.16 -0.12	13.57 0.88 0.00	13.35 0.87 0.00	11.80 0.74 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.21 1.35 0.00	25.90 1.68 0.00	25.60 1.69 0.00	20.56 1.33 0.00	22.40 1.36 -0.07	21.99 1.27 -0.32	20.90 1.11 -1.63	22.74 1.29 -0.89	27.13 1.66 -1.19	32.06 1.76 -3.47	43.24 2.37 0.00	63.13 3.18 0.00	66.89 3.49 0.00	40.50 2.23 0.00	29.98 1.82 0.00	25.37 1.54 -0.01	24.61 1.48 0.00	22.74 1.33 0.00
BOWLINE___1 23526	17.01 0.90 1.10	13.41 0.72 0.00	13.16 0.67 0.00	11.65 0.60 0.00	10.37 0.51 0.00	16.99 0.88 0.00	20.99 1.13 0.00	25.74 1.53 0.00	25.47 1.57 0.00	20.50 1.26 0.00	21.70 1.38 0.66	18.69 1.38 3.08	3.79 1.23 15.61	13.49 1.47 8.54	14.66 1.73 11.36	-4.80 1.67 33.30	43.22 2.36 0.00	63.50 3.55 0.00	67.36 3.95 0.00	40.61 2.34 0.00	29.95 1.79 0.00	25.23 1.53 0.12	24.53 1.39 0.00	22.62 1.22 0.00
BOWLINE___2 23595	17.01 0.90 1.10	13.41 0.72 0.00	13.16 0.68 0.00	11.65 0.60 0.00	10.37 0.51 0.00	16.99 0.89 0.00	20.99 1.13 0.00	25.74 1.53 0.00	25.47 1.57 0.00	20.50 1.26 0.00	21.70 1.38 0.65	18.70 1.38 3.08	3.80 1.23 15.59	13.50 1.47 8.53	14.67 1.73 11.35	-4.76 1.67 33.26	43.23 2.36 0.00	63.50 3.55 0.00	67.36 3.95 0.00	40.61 2.34 0.00	29.95 1.79 0.00	25.23 1.54 0.12	24.53 1.39 0.00	22.62 1.22 0.00
BRADY___115KV_TB2 356060	18.06 0.85 0.00	21.25 0.50 -8.06	33.77 0.50 -20.79	30.96 0.46 -19.44	24.64 0.50 -14.28	17.04 0.93 0.00	31.90 1.61 -10.43	53.78 2.12 -27.45	33.90 1.85 -8.14	19.88 0.65 0.00	21.56 0.59 0.00	20.82 0.42 0.00	18.24 0.07 -0.01	20.75 0.18 0.00	24.79 0.51 0.00	28.02 1.19 0.00	44.40 3.53 0.00	66.95 6.99 0.00	70.34 6.94 0.00	55.28 3.35 -13.66	59.71 2.01 -29.55	52.25 1.44 -26.99	50.74 1.14 -26.46	41.62 0.93 -19.28
BRANSCOMB___SOLAR 323811	18.25 0.94 -0.10	13.37 0.68 0.00	13.15 0.66 0.00	11.64 0.59 0.00	10.38 0.52 0.00	17.03 0.93 0.00	21.04 1.18 0.00	25.69 1.47 0.00	25.35 1.44 0.00	20.34 1.11 0.00	22.10 1.08 -0.06	21.60 0.92 -0.28	20.35 0.78 -1.40	22.25 0.93 -0.77	26.54 1.23 -1.02	31.23 1.42 -2.99	43.10 2.23 0.00	63.08 3.13 0.00	66.78 3.37 0.00	40.35 2.08 0.00	29.70 1.54 0.00	25.12 1.29 -0.01	24.37 1.23 0.00	22.49 1.09 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.66 1.66 -0.79	14.95 1.28 -0.98	13.69 1.20 0.00	12.02 0.96 0.00	10.59 0.73 0.00	17.26 1.15 0.00	21.17 1.31 0.00	25.98 1.76 0.00	25.68 1.77 0.00	20.63 1.41 0.00	22.81 1.66 -0.19	23.13 1.84 -0.89	24.37 1.70 -4.50	25.10 2.07 -2.46	29.80 2.23 -3.28	38.51 2.07 -9.61	43.49 2.62 0.00	63.15 3.20 0.00	66.93 3.52 0.00	40.69 2.42 0.00	30.35 2.19 0.00	25.92 2.07 -0.04	24.96 1.82 0.00	23.10 1.69 0.00

BRISTLHL_115KV_TB1 79998	16.78 -0.43 0.00	12.36 -0.33 0.00	12.14 -0.34 0.00	10.76 -0.30 0.00	9.60 -0.26 0.00	15.67 -0.43 0.00	19.32 -0.54 0.00	24.13 -0.52 -0.44	24.12 -0.25 -0.46	18.64 -0.59 0.00	20.32 -0.65 0.00	19.74 -0.66 0.00	17.60 -0.56 0.00	19.91 -0.66 0.00	23.77 -0.52 0.00	26.01 -0.82 0.00	39.77 -1.10 0.00	58.37 -1.59 0.00	61.67 -1.74 0.00	37.22 -1.06 0.00	27.34 -0.82 0.00	23.11 -0.71 0.00	22.47 -0.66 0.00	20.86 -0.55 0.00
BROOKHAVEN___DRP 24191	19.66 1.66 -0.79	14.96 1.29 -0.98	13.69 1.20 0.00	12.01 0.96 0.00	10.57 0.72 0.00	17.19 1.09 0.00	21.06 1.20 0.00	25.77 1.56 0.00	25.46 1.55 0.00	20.43 1.21 0.00	22.53 1.38 -0.19	22.84 1.55 -0.89	24.09 1.42 -4.50	24.82 1.79 -2.46	29.51 1.94 -3.28	38.24 1.81 -9.61	43.32 2.45 0.00	62.69 2.74 0.00	66.65 3.25 0.00	40.38 2.11 0.00	30.04 1.88 0.00	25.67 1.82 -0.04	24.74 1.60 0.00	22.88 1.48 0.00
BROOKLYN_NAVY_YARD 23515	18.58 1.05 -0.32	13.51 0.82 0.00	13.26 0.78 0.00	11.74 0.69 0.00	10.44 0.58 0.00	17.10 0.99 0.00	21.13 1.28 0.00	25.95 1.73 0.00	25.70 1.79 0.00	20.70 1.47 0.00	22.78 1.62 -0.19	22.93 1.64 -0.89	24.14 1.45 -4.52	24.76 1.73 -2.47	29.61 2.03 -3.29	38.42 1.94 -9.64	43.60 2.73 0.00	64.07 4.12 0.00	67.81 4.40 0.00	40.89 2.62 0.00	30.24 2.08 0.00	25.64 1.79 -0.04	24.76 1.62 0.00	22.83 1.42 0.00
BROOKLYN___ARMY_DRP 323595	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.64 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.91 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.78 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.92 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.17 4.77 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
BROOKVLE_69_KV_TB1 55790	19.37 1.37 -0.79	14.73 1.06 -0.98	13.48 1.00 0.00	11.89 0.84 0.00	10.53 0.67 0.00	17.22 1.12 0.00	21.20 1.34 0.00	26.01 1.79 0.00	25.74 1.84 0.00	20.72 1.49 0.00	22.87 1.71 -0.19	23.11 1.82 -0.89	24.32 1.65 -4.50	25.01 1.98 -2.46	29.81 2.25 -3.28	38.55 2.11 -9.61	43.81 2.94 0.00	64.09 4.14 0.00	67.86 4.45 0.00	41.02 2.75 0.00	30.38 2.22 0.00	25.85 2.00 -0.04	24.92 1.78 0.00	22.99 1.59 0.00
BROOME_2_LFGE 323671	17.02 -0.19 0.00	12.51 -0.18 0.00	12.28 -0.20 0.00	10.90 -0.14 0.00	9.73 -0.13 0.00	15.90 -0.21 0.00	19.58 -0.27 0.00	23.96 -0.26 0.00	23.71 -0.20 0.00	19.03 -0.20 0.00	20.83 -0.14 0.00	20.27 -0.12 0.00	18.06 -0.11 0.00	20.47 -0.09 0.00	24.17 -0.11 0.00	26.51 -0.32 0.00	40.49 -0.38 0.00	59.40 -0.55 0.00	62.88 -0.52 0.00	37.89 -0.38 0.00	27.78 -0.38 0.00	23.53 -0.29 0.00	22.91 -0.23 0.00	21.16 -0.24 0.00
BROOME___LFGE 323600	17.02 -0.19 0.00	12.51 -0.18 0.00	12.28 -0.20 0.00	10.90 -0.14 0.00	9.73 -0.13 0.00	15.90 -0.21 0.00	19.58 -0.27 0.00	23.96 -0.26 0.00	23.71 -0.20 0.00	19.03 -0.20 0.00	20.83 -0.14 0.00	20.27 -0.12 0.00	18.06 -0.11 0.00	20.47 -0.09 0.00	24.17 -0.11 0.00	26.51 -0.32 0.00	40.49 -0.38 0.00	59.40 -0.55 0.00	62.88 -0.52 0.00	37.89 -0.38 0.00	27.78 -0.38 0.00	23.53 -0.29 0.00	22.91 -0.23 0.00	21.16 -0.24 0.00
BROWNFLS_115KV_TB_3_5 80003	17.12 -0.09 0.00	18.03 -0.13 -5.47	26.44 -0.15 -14.11	24.12 -0.12 -13.19	19.51 -0.05 -9.69	16.08 -0.02 0.00	27.27 0.32 -7.08	43.50 0.61 -18.67	30.00 0.54 -5.55	19.24 0.02 0.00	20.83 -0.14 0.00	20.07 -0.33 0.00	17.83 -0.34 0.00	20.10 -0.46 0.00	24.05 -0.24 0.00	26.94 0.11 0.00	42.26 1.40 0.00	62.85 2.90 0.00	65.91 2.50 0.00	48.24 0.70 -9.27	48.33 0.12 -20.05	42.06 -0.07 -18.32	40.87 -0.23 -17.96	34.23 -0.26 -13.09
BROWNSV1_27_KV_LOAD 356125	18.78 1.25 -0.32	13.66 0.97 0.00	13.40 0.91 0.00	11.86 0.81 0.00	10.54 0.68 0.00	17.28 1.17 0.00	21.36 1.50 0.00	26.22 2.01 0.00	25.99 2.08 0.00	20.94 1.71 0.00	23.05 1.89 -0.19	23.19 1.89 -0.89	24.37 1.68 -4.52	25.03 1.99 -2.47	29.92 2.34 -3.29	38.76 2.28 -9.64	44.13 3.26 0.00	64.83 4.88 0.00	68.63 5.22 0.00	41.38 3.11 0.00	30.58 2.42 0.00	25.93 2.08 -0.04	25.03 1.90 0.00	23.06 1.66 0.00
BURROWS___LYONSDAL 23803	17.12 -0.09 0.00	14.14 -0.08 -1.52	16.31 -0.10 -3.93	14.65 -0.08 -3.67	12.52 -0.04 -2.70	16.09 -0.01 0.00	22.03 0.19 -1.98	29.95 0.45 -5.28	25.93 0.44 -1.59	19.38 0.15 0.00	20.98 0.02 0.00	20.30 -0.10 0.00	18.09 -0.08 0.00	20.37 -0.19 0.00	24.26 -0.03 0.00	27.04 0.21 0.00	41.90 1.03 0.00	61.86 1.90 0.00	64.84 1.44 0.00	41.20 0.35 -2.58	33.73 -0.01 -5.58	28.83 -0.09 -5.10	27.96 -0.18 -5.00	24.84 -0.21 -3.64
CAITHNESS_CC_1 323624	19.61 1.61 -0.79	14.92 1.25 -0.98	13.66 1.17 0.00	11.98 0.93 0.00	10.55 0.69 0.00	17.16 1.05 0.00	21.02 1.16 0.00	25.73 1.52 0.00	25.42 1.51 0.00	20.41 1.18 0.00	22.52 1.36 -0.19	22.83 1.54 -0.89	24.09 1.42 -4.50	24.80 1.77 -2.46	29.48 1.91 -3.28	38.21 1.77 -9.61	43.23 2.36 0.00	62.66 2.71 0.00	66.56 3.15 0.00	40.34 2.07 0.00	30.02 1.86 0.00	25.66 1.81 -0.04	24.72 1.58 0.00	22.87 1.47 0.00
CALPINE BETH_PAGE_GT4 24209	19.47 1.47 -0.79	14.81 1.15 -0.98	13.56 1.07 0.00	11.93 0.87 0.00	10.53 0.67 0.00	17.19 1.08 0.00	21.11 1.25 0.00	25.89 1.67 0.00	25.59 1.69 0.00	20.59 1.36 0.00	22.75 1.59 -0.19	23.05 1.76 -0.89	24.29 1.62 -4.50	24.99 1.97 -2.46	29.70 2.13 -3.28	38.32 1.88 -9.61	43.39 2.52 0.00	63.32 3.37 0.00	67.06 3.66 0.00	40.61 2.34 0.00	30.18 2.02 0.00	25.83 1.98 -0.04	24.88 1.75 0.00	22.99 1.59 0.00
CALPINE_BETH_PAGE_GT_4 323586	19.47 1.47 -0.79	14.81 1.15 -0.98	13.56 1.07 0.00	11.93 0.87 0.00	10.53 0.67 0.00	17.19 1.08 0.00	21.11 1.25 0.00	25.89 1.68 0.00	25.59 1.69 0.00	20.59 1.36 0.00	22.75 1.59 -0.19	23.05 1.76 -0.89	24.29 1.62 -4.50	24.98 1.96 -2.46	29.69 2.13 -3.28	38.31 1.88 -9.61	43.39 2.52 0.00	63.32 3.37 0.00	67.05 3.65 0.00	40.61 2.34 0.00	30.19 2.03 0.00	25.83 1.98 -0.04	24.89 1.75 0.00	22.99 1.59 0.00
CALPINE_BP_GT1 23823	19.47 1.47 -0.79	14.81 1.15 -0.98	13.56 1.07 0.00	11.93 0.87 0.00	10.53 0.67 0.00	17.19 1.08 0.00	21.11 1.25 0.00	25.89 1.68 0.00	25.59 1.69 0.00	20.59 1.36 0.00	22.75 1.59 -0.19	23.05 1.76 -0.89	24.29 1.62 -4.50	24.98 1.96 -2.46	29.69 2.13 -3.28	38.31 1.88 -9.61	43.39 2.52 0.00	63.32 3.37 0.00	67.05 3.65 0.00	40.61 2.34 0.00	30.19 2.03 0.00	25.83 1.98 -0.04	24.89 1.75 0.00	22.99 1.59 0.00
CALSPAN___DRP 24200	15.89 -1.32 0.00	11.65 -1.04 0.00	11.38 -1.10 0.00	10.08 -0.97 0.00	9.09 -0.78 0.00	14.87 -1.24 0.00	18.36 -1.50 0.00	22.33 -1.88 0.00	22.04 -1.86 0.00	17.71 -1.52 0.00	19.73 -1.25 0.00	19.16 -1.24 0.00	17.09 -1.08 0.00	19.32 -1.24 0.00	22.70 -1.59 0.00	24.99 -1.84 0.00	38.30 -2.57 0.00	56.14 -3.81 0.00	59.03 -4.37 0.00	35.76 -2.51 0.00	26.10 -2.06 0.00	22.12 -1.69 0.00	21.73 -1.41 0.00	19.97 -1.43 0.00

CALVERTON___SOLAR 323806	19.70 1.70 -0.79	14.99 1.33 -0.98	13.72 1.24 0.00	12.04 0.99 0.00	10.60 0.74 0.00	17.21 1.11 0.00	21.08 1.23 0.00	25.81 1.60 0.00	25.48 1.58 0.00	20.45 1.22 0.00	22.53 1.37 -0.19	22.83 1.54 -0.89	24.09 1.42 -4.50	24.80 1.78 -2.46	29.51 1.94 -3.28	38.27 1.84 -9.61	43.38 2.51 0.00	62.69 2.73 0.00	66.71 3.30 0.00	40.41 2.14 0.00	30.06 1.90 0.00	25.68 1.83 -0.04	24.74 1.60 0.00	22.88 1.47 0.00
CANDIGU_WT_PWR 323617	16.04 -1.17 0.00	11.71 -0.98 0.00	11.47 -1.01 0.00	10.26 -0.80 0.00	9.14 -0.72 0.00	14.98 -1.13 0.00	18.48 -1.37 0.00	22.49 -1.73 0.00	22.23 -1.67 0.00	17.73 -1.50 0.00	19.57 -1.40 0.00	18.97 -1.43 0.00	16.85 -1.32 0.00	19.16 -1.41 0.00	22.64 -1.65 0.00	24.85 -1.98 0.00	38.52 -2.36 0.00	56.66 -3.29 0.00	59.61 -3.79 0.00	35.85 -2.42 0.00	26.08 -2.08 0.00	22.00 -1.82 0.00	21.54 -1.60 0.00	19.80 -1.60 0.00
CARR STREET_E_SYR 24060	16.88 -0.33 0.00	12.43 -0.26 0.00	12.21 -0.27 0.00	10.82 -0.23 0.00	9.66 -0.20 0.00	15.77 -0.33 0.00	19.44 -0.42 0.00	23.73 -0.49 0.00	23.45 -0.45 0.00	18.81 -0.42 0.00	20.53 -0.45 0.00	19.97 -0.43 0.00	17.81 -0.36 0.00	20.15 -0.41 0.00	23.82 -0.46 0.00	26.26 -0.57 0.00	40.11 -0.76 0.00	58.81 -1.14 0.00	62.13 -1.27 0.00	37.49 -0.78 0.00	27.53 -0.63 0.00	23.28 -0.54 0.00	22.64 -0.49 0.00	20.99 -0.42 0.00
CARTHAGE___PAPER 23857	16.91 -0.30 0.00	14.93 -0.25 -2.48	18.59 -0.29 -6.40	16.80 -0.23 -5.98	14.11 -0.14 -4.39	15.89 -0.21 0.00	23.20 0.12 -3.21	33.19 0.43 -8.54	26.91 0.42 -2.58	19.20 -0.02 0.00	20.74 -0.23 0.00	19.85 -0.55 0.00	17.71 -0.45 0.00	19.90 -0.66 0.00	23.85 -0.44 0.00	26.73 -0.10 0.00	42.08 1.21 0.00	62.40 2.45 0.00	65.15 1.74 0.00	42.72 0.25 -4.20	37.02 -0.23 -9.09	31.77 -0.35 -8.31	30.81 -0.47 -8.14	26.85 -0.49 -5.93
CASSADAGA_WT_PWR 323784	15.76 -1.45 0.00	11.62 -1.07 0.00	11.25 -1.24 0.00	10.03 -1.03 0.00	9.00 -0.85 0.00	14.79 -1.31 0.00	18.26 -1.60 0.00	22.26 -1.95 0.00	22.07 -1.83 0.00	6.29 -1.60 11.33	-6.72 -1.42 26.27	-4.31 -1.35 23.36	-22.25 -1.18 39.24	-34.95 -1.33 54.19	17.30 -1.72 5.27	24.91 -1.92 0.00	38.35 -2.52 0.00	56.65 -3.30 0.00	60.05 -3.36 0.00	35.61 -2.66 0.00	25.84 -2.32 0.00	21.87 -1.95 0.00	21.35 -1.79 0.00	19.61 -1.80 0.00
CE_DUNWOOD___DRP 24194	18.56 1.01 -0.34	13.48 0.79 0.00	13.23 0.75 0.00	11.71 0.66 0.00	10.41 0.55 0.00	17.06 0.96 0.00	21.07 1.21 0.00	25.85 1.64 0.00	25.59 1.69 0.00	20.61 1.38 0.00	22.68 1.50 -0.20	22.86 1.51 -0.96	24.35 1.34 -4.85	24.81 1.60 -2.65	29.70 1.89 -3.53	39.00 1.84 -10.33	43.47 2.60 0.00	63.83 3.87 0.00	67.61 4.21 0.00	40.78 2.51 0.00	30.11 1.95 0.00	25.53 1.67 -0.04	24.66 1.52 0.00	22.73 1.33 0.00
CE_MILLWOOD___DRP 24193	18.55 0.97 -0.36	13.45 0.76 0.00	13.21 0.72 0.00	11.69 0.64 0.00	10.40 0.54 0.00	17.03 0.93 0.00	21.04 1.18 0.00	25.80 1.59 0.00	25.54 1.64 0.00	20.56 1.33 0.00	22.64 1.45 -0.22	22.87 1.45 -1.02	24.63 1.29 -5.17	24.93 1.54 -2.83	29.88 1.83 -3.76	39.63 1.78 -11.02	43.38 2.51 0.00	63.70 3.75 0.00	67.49 4.08 0.00	40.71 2.44 0.00	30.05 1.89 0.00	25.48 1.62 -0.04	24.61 1.47 0.00	22.69 1.28 0.00
CE_NYC2_DRP 24202	18.66 1.13 -0.32	13.57 0.88 0.00	13.32 0.83 0.00	11.79 0.73 0.00	10.48 0.62 0.00	17.17 1.07 0.00	21.21 1.36 0.00	26.04 1.82 0.00	25.80 1.90 0.00	20.79 1.56 0.00	22.86 1.70 -0.19	23.02 1.72 -0.89	24.22 1.53 -4.52	24.85 1.81 -2.47	29.72 2.14 -3.29	38.52 2.05 -9.64	43.73 2.86 0.00	64.23 4.28 0.00	67.96 4.56 0.00	41.03 2.76 0.00	30.36 2.20 0.00	25.72 1.87 -0.04	24.83 1.69 0.00	22.88 1.48 0.00
CE_NYC_DRP 24195	18.66 1.13 -0.32	13.57 0.88 0.00	13.32 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.03 1.82 0.00	25.79 1.89 0.00	20.78 1.55 0.00	22.88 1.72 -0.19	23.04 1.75 -0.89	24.23 1.55 -4.52	24.87 1.83 -2.47	29.73 2.15 -3.29	38.56 2.08 -9.64	43.80 2.94 0.00	64.34 4.39 0.00	68.09 4.68 0.00	41.05 2.78 0.00	30.34 2.19 0.00	25.74 1.88 -0.04	24.85 1.72 0.00	22.91 1.51 0.00
CHAFFEE___LFGE 323603	16.05 -1.16 0.00	11.76 -0.93 0.00	11.49 -0.99 0.00	10.18 -0.87 0.00	9.17 -0.69 0.00	15.02 -1.09 0.00	18.54 -1.32 0.00	22.58 -1.63 0.00	22.30 -1.61 0.00	18.45 -1.31 -0.53	21.16 -1.03 -1.22	20.47 -1.02 -1.09	19.11 -0.89 -1.83	22.07 -1.02 -2.52	23.22 -1.31 -0.25	25.26 -1.57 0.00	38.74 -2.13 0.00	56.82 -3.13 0.00	59.84 -3.57 0.00	36.20 -2.07 0.00	26.41 -1.75 0.00	22.38 -1.44 0.00	21.95 -1.19 0.00	20.16 -1.24 0.00
CHATEAUG_35_KV_LOAD 355732	16.86 -0.35 0.00	-1.53 -0.42 13.80	-23.45 -0.37 35.56	-22.55 -0.34 33.26	-14.84 -0.27 24.43	15.73 -0.38 0.00	1.62 -0.39 17.85	-23.01 -0.49 46.73	9.66 -0.48 13.77	18.85 -0.37 0.00	20.68 -0.28 0.00	19.98 -0.41 0.00	17.61 -0.55 0.01	19.93 -0.63 0.00	23.66 -0.63 0.00	26.42 -0.40 0.00	40.53 -0.34 0.00	59.91 -0.04 0.00	63.20 -0.21 0.00	14.30 -0.60 23.37	-22.99 -0.60 50.55	-22.93 -0.57 46.18	-22.74 -0.60 45.29	-12.20 -0.59 33.01
CHATEAUG_WT_PWR 323614	16.77 -0.43 0.00	-0.72 -0.53 12.88	-21.17 -0.47 33.19	-20.42 -0.43 31.04	-13.29 -0.35 22.80	15.60 -0.50 0.00	2.65 -0.55 16.66	-20.10 -0.70 43.62	10.38 -0.67 12.85	18.74 -0.49 0.00	20.58 -0.39 0.00	19.86 -0.54 0.00	17.49 -0.67 0.01	19.82 -0.74 0.00	23.58 -0.71 0.00	26.31 -0.52 0.00	40.29 -0.58 0.00	59.62 -0.33 0.00	62.97 -0.44 0.00	15.55 -0.91 21.81	-19.89 -0.87 47.18	-20.08 -0.80 43.10	-19.94 -0.81 42.27	-10.19 -0.78 30.81
CHAT_HIGH_FALL_HYD 323578	16.86 -0.35 0.00	-1.53 -0.42 13.80	-23.45 -0.37 35.56	-22.55 -0.34 33.26	-14.84 -0.27 24.43	15.73 -0.38 0.00	1.62 -0.39 17.85	-23.01 -0.49 46.73	9.66 -0.48 13.77	18.85 -0.37 0.00	20.68 -0.28 0.00	19.98 -0.41 0.00	17.61 -0.55 0.01	19.93 -0.63 0.00	23.66 -0.63 0.00	26.42 -0.40 0.00	40.53 -0.34 0.00	59.91 -0.04 0.00	63.20 -0.21 0.00	14.30 -0.60 23.37	-22.99 -0.60 50.55	-22.93 -0.57 46.18	-22.74 -0.60 45.29	-12.20 -0.59 33.01
CHAUTAUQUA___LFGE 323629	15.91 -1.30 0.00	11.68 -1.01 0.00	11.37 -1.12 0.00	10.11 -0.94 0.00	9.09 -0.77 0.00	14.90 -1.20 0.00	18.39 -1.47 0.00	22.42 -1.80 0.00	22.17 -1.73 0.00	14.77 -1.45 3.01	12.77 -1.22 6.98	13.03 -1.17 6.21	6.71 -1.03 10.43	5.01 -1.15 14.40	21.41 -1.48 1.40	25.03 -1.80 0.00	38.48 -2.39 0.00	56.74 -3.21 0.00	60.03 -3.37 0.00	35.89 -2.38 0.00	26.11 -2.05 0.00	22.13 -1.68 0.00	21.66 -1.47 0.00	19.91 -1.49 0.00
CHERRYST_13_KV_LD 356241	18.70 1.17 -0.32	13.60 0.91 0.00	13.35 0.86 0.00	11.81 0.76 0.00	10.50 0.64 0.00	17.20 1.10 0.00	21.25 1.40 0.00	26.10 1.89 0.00	25.87 1.96 0.00	20.85 1.62 0.00	22.95 1.79 -0.19	23.11 1.81 -0.89	24.29 1.61 -4.52	24.94 1.91 -2.47	29.82 2.24 -3.29	38.65 2.18 -9.64	43.95 3.08 0.00	64.53 4.58 0.00	68.29 4.88 0.00	41.16 2.89 0.00	30.42 2.27 0.00	25.80 1.95 -0.04	24.91 1.78 0.00	22.97 1.56 0.00

CHESTROR_138KV_BK263 355645	17.11 0.85 0.94	13.36 0.67 0.00	13.12 0.64 0.00	11.62 0.57 0.00	10.34 0.48 0.00	16.94 0.84 0.00	20.93 1.07 0.00	25.66 1.45 0.00	25.38 1.47 0.00	20.41 1.18 0.00	21.67 1.26 0.56	19.02 1.25 2.63	5.94 1.12 13.34	14.60 1.34 7.30	16.17 1.59 9.71	-0.08 1.56 28.47	43.10 2.23 0.00	63.34 3.39 0.00	67.20 3.80 0.00	40.51 2.24 0.00	29.85 1.69 0.00	25.16 1.45 0.10	24.45 1.31 0.00	22.55 1.15 0.00
CH_MIDHUDSON___DRP 24192	18.15 0.94 0.00	13.43 0.74 0.00	13.19 0.71 0.00	11.67 0.62 0.00	10.38 0.53 0.00	17.01 0.90 0.00	21.00 1.14 0.00	25.75 1.54 0.00	25.48 1.57 0.00	20.50 1.27 0.00	22.34 1.37 0.00	21.74 1.34 0.00	19.34 1.17 0.00	21.96 1.40 0.00	25.97 1.69 0.00	28.51 1.69 0.00	43.30 2.43 0.00	63.56 3.61 0.00	67.30 3.89 0.00	40.61 2.34 0.00	29.99 1.83 0.00	25.38 1.56 0.00	24.55 1.41 0.00	22.64 1.23 0.00
CH_MISC_IPPS 23765	18.13 1.04 0.11	13.50 0.81 0.00	13.26 0.77 0.00	11.73 0.68 0.00	10.44 0.58 0.00	17.10 1.00 0.00	21.14 1.28 0.00	25.92 1.71 0.00	25.63 1.73 0.00	20.62 1.39 0.00	22.39 1.48 0.07	21.52 1.44 0.32	17.79 1.24 1.61	21.14 1.46 0.88	24.88 1.77 1.17	25.16 1.78 3.44	43.45 2.58 0.00	63.81 3.86 0.00	67.62 4.21 0.00	40.78 2.50 0.00	30.15 1.99 0.00	25.52 1.72 0.01	24.71 1.57 0.00	22.76 1.36 0.00
CH_RES_BVR_FALLS 23983	16.81 -0.40 0.00	11.94 -0.31 0.44	11.06 -0.30 1.13	9.73 -0.27 1.06	8.86 -0.23 0.77	15.73 -0.37 0.00	18.86 -0.44 0.56	22.19 -0.55 1.47	22.90 -0.57 0.43	18.77 -0.46 0.00	20.54 -0.43 0.00	20.07 -0.33 0.00	17.91 -0.26 0.00	20.25 -0.31 0.00	23.93 -0.35 0.00	26.52 -0.30 0.00	40.49 -0.38 0.00	59.30 -0.66 0.00	62.41 -0.99 0.00	36.76 -0.77 0.74	25.92 -0.63 1.60	21.80 -0.54 1.47	21.17 -0.53 1.44	19.86 -0.50 1.05
CH_RES_NIAGARA 23895	15.25 -1.96 0.00	11.22 -1.47 0.00	10.96 -1.53 0.00	9.70 -1.36 0.00	8.76 -1.10 0.00	14.32 -1.78 0.00	17.67 -2.19 0.00	21.44 -2.77 0.00	21.11 -2.79 0.00	17.01 -2.22 0.00	19.02 -1.95 0.00	18.50 -1.90 0.00	16.52 -1.64 0.00	18.63 -1.93 0.00	21.86 -2.43 0.00	24.06 -2.77 0.00	36.69 -4.18 0.00	53.62 -6.33 0.00	56.15 -7.26 0.00	34.18 -4.09 0.00	25.07 -3.09 0.00	21.29 -2.53 0.00	20.98 -2.16 0.00	19.32 -2.09 0.00
CH_RES_SYRACUSE 23985	16.99 -0.22 0.00	12.50 -0.19 0.00	12.28 -0.20 0.00	10.88 -0.17 0.00	9.71 -0.15 0.00	15.87 -0.24 0.00	19.56 -0.30 0.00	24.07 -0.14 0.00	23.80 -0.11 0.00	18.84 -0.39 0.00	20.54 -0.43 0.00	19.99 -0.41 0.00	17.82 -0.35 0.00	20.16 -0.40 0.00	24.06 -0.23 0.00	26.39 -0.43 0.00	40.33 -0.53 0.00	59.18 -0.77 0.00	62.53 -0.88 0.00	37.71 -0.56 0.00	27.69 -0.47 0.00	23.41 -0.41 0.00	22.76 -0.37 0.00	21.09 -0.31 0.00
CLINTON_WT_PWR 323605	16.77 -0.43 0.00	-0.72 -0.53 12.88	-21.17 -0.47 33.19	-20.42 -0.43 31.04	-13.29 -0.35 22.80	15.60 -0.50 0.00	2.65 -0.55 16.66	-20.10 -0.70 43.62	10.38 -0.67 12.85	18.74 -0.49 0.00	20.58 -0.39 0.00	19.86 -0.54 0.00	17.49 -0.67 0.01	19.82 -0.74 0.00	23.58 -0.71 0.00	26.31 -0.52 0.00	40.29 -0.58 0.00	59.62 -0.33 0.00	62.97 -0.44 0.00	15.55 -0.91 21.81	-19.89 -0.87 47.18	-20.08 -0.80 43.10	-19.94 -0.81 42.27	-10.19 -0.78 30.81
CLINTON___LFGE 323618	16.91 -0.30 0.00	-0.99 -0.49 13.19	-21.89 -0.38 33.99	-21.10 -0.36 31.79	-13.80 -0.31 23.35	15.68 -0.42 0.00	2.38 -0.42 17.06	-20.96 -0.51 44.67	10.24 -0.50 13.16	18.85 -0.38 0.00	20.75 -0.22 0.00	19.95 -0.44 0.00	17.51 -0.65 0.01	19.87 -0.70 0.00	23.68 -0.61 0.00	26.51 -0.31 0.00	40.67 -0.20 0.00	60.25 0.30 0.00	63.85 0.44 0.00	15.40 -0.54 22.33	-20.73 -0.58 48.31	-20.86 -0.54 44.14	-20.80 -0.66 43.28	-10.85 -0.71 31.55
COBBLENY_34_KV_TB1 80064	16.04 -1.17 0.00	11.76 -0.93 0.00	11.49 -0.99 0.00	10.18 -0.87 0.00	9.17 -0.69 0.00	15.02 -1.09 0.00	18.54 -1.31 0.00	22.59 -1.62 0.00	22.31 -1.59 0.00	18.45 -1.31 -0.53	21.16 -1.04 -1.22	20.44 -1.04 -1.09	19.09 -0.91 -1.83	22.04 -1.05 -2.52	23.21 -1.32 -0.25	25.25 -1.58 0.00	38.73 -2.13 0.00	56.82 -3.13 0.00	59.81 -3.60 0.00	36.19 -2.08 0.00	26.42 -1.74 0.00	22.38 -1.44 0.00	21.96 -1.18 0.00	20.17 -1.24 0.00
COFFEEN___115KV_TB3 355620	16.86 -0.35 0.00	14.47 -0.28 -2.06	17.46 -0.34 -5.32	15.75 -0.27 -4.97	13.34 -0.17 -3.65	15.83 -0.27 0.00	22.60 0.07 -2.67	31.71 0.37 -7.12	26.48 0.40 -2.18	19.15 -0.08 0.00	20.66 -0.31 0.00	19.73 -0.67 0.00	17.60 -0.56 0.00	19.79 -0.77 0.00	23.67 -0.62 0.00	26.57 -0.26 0.00	41.96 1.09 0.00	62.23 2.28 0.00	64.99 1.58 0.00	41.99 0.23 -3.50	35.47 -0.24 -7.56	30.35 -0.37 -6.91	29.43 -0.48 -6.77	25.82 -0.52 -4.93
COLDSPRG_115KV_BK1 355956	16.54 -0.67 0.00	12.13 -0.56 0.00	11.82 -0.67 0.00	10.51 -0.55 0.00	9.42 -0.44 0.00	15.45 -0.65 0.00	19.06 -0.80 0.00	23.32 -0.89 0.00	23.14 -0.77 0.00	25.41 -0.69 -6.88	36.46 -0.45 -15.94	34.19 -0.38 -14.18	41.68 -0.31 -23.82	53.11 -0.35 -32.89	26.91 -0.57 -3.20	25.94 -0.89 0.00	39.82 -1.05 0.00	58.64 -1.31 0.00	62.14 -1.26 0.00	37.17 -1.10 0.00	27.05 -1.11 0.00	22.94 -0.88 0.00	22.46 -0.68 0.00	20.65 -0.76 0.00
COLONIE_LFGE___ 323577	18.11 0.79 -0.10	13.29 0.60 0.00	13.08 0.60 0.00	11.58 0.52 0.00	10.31 0.45 0.00	16.88 0.77 0.00	20.81 0.96 0.00	25.43 1.21 0.00	25.12 1.22 0.00	20.19 0.96 0.00	21.99 0.96 -0.06	21.57 0.88 -0.29	20.41 0.78 -1.46	22.26 0.90 -0.80	26.50 1.15 -1.06	31.19 1.25 -3.12	42.65 1.78 0.00	62.44 2.49 0.00	66.11 2.70 0.00	39.97 1.70 0.00	29.48 1.33 0.00	24.94 1.11 -0.01	24.19 1.05 0.00	22.34 0.93 0.00
COOPERNY_115KV_TB1 80082	17.32 0.79 0.67	13.32 0.63 0.00	13.07 0.59 0.00	11.59 0.53 0.00	10.31 0.45 0.00	16.89 0.79 0.00	20.87 1.01 0.00	25.57 1.36 0.00	25.28 1.38 0.00	20.35 1.12 0.00	21.76 1.19 0.40	19.69 1.18 1.88	9.68 1.05 9.54	16.60 1.26 5.22	18.83 1.49 6.95	7.93 1.46 20.36	42.94 2.07 0.00	63.09 3.14 0.00	66.94 3.54 0.00	40.35 2.08 0.00	29.74 1.58 0.00	25.09 1.35 0.07	24.36 1.23 0.00	22.47 1.07 0.00
COPENHAGEN_WT_PWR 323753	16.54 -0.66 0.00	14.14 -0.50 -1.95	16.94 -0.57 -5.03	15.28 -0.48 -4.71	12.97 -0.34 -3.45	15.52 -0.58 0.00	22.07 -0.31 -2.53	30.89 -0.07 -6.75	25.94 -0.03 -2.07	18.81 -0.42 0.00	20.32 -0.65 0.00	19.49 -0.91 0.00	17.44 -0.73 0.00	19.57 -0.99 0.00	23.41 -0.87 0.00	26.25 -0.58 0.00	41.33 0.46 0.00	61.10 1.15 0.00	63.63 0.22 0.00	40.89 -0.69 -3.31	34.41 -0.90 -7.15	29.44 -0.91 -6.53	28.56 -0.98 -6.40	25.12 -0.95 -4.67
CORNELL_____ 23752	17.20 -0.01 0.00	12.64 -0.05 0.00	12.42 -0.07 0.00	11.02 -0.03 0.00	9.84 -0.02 0.00	16.10 0.00 0.00	19.88 0.02 0.00	24.36 0.14 0.00	24.04 0.13 0.00	19.14 -0.09 0.00	20.83 -0.14 0.00	20.26 -0.14 0.00	18.03 -0.13 0.00	20.42 -0.14 0.00	24.23 -0.05 0.00	26.71 -0.12 0.00	40.99 0.12 0.00	60.28 0.33 0.00	63.77 0.37 0.00	38.43 0.16 0.00	28.17 0.01 0.00	23.80 -0.02 0.00	23.12 -0.02 0.00	21.36 -0.05 0.00

CORONA_69_KV_TB1 355595	19.41 1.40 -0.79	14.76 1.10 -0.98	13.51 1.02 0.00	11.90 0.85 0.00	10.52 0.66 0.00	17.18 1.08 0.00	21.11 1.25 0.00	25.88 1.66 0.00	25.61 1.70 0.00	20.61 1.38 0.00	22.79 1.63 -0.19	23.07 1.79 -0.89	24.31 1.64 -4.50	25.00 1.97 -2.46	29.74 2.18 -3.28	38.45 2.01 -9.61	43.62 2.75 0.00	63.74 3.78 0.00	67.49 4.09 0.00	40.84 2.57 0.00	30.29 2.13 0.00	25.82 1.97 -0.04	24.87 1.74 0.00	22.97 1.56 0.00
CORTLAND_115KV_TB3 80093	17.16 -0.05 0.00	12.62 -0.07 0.00	12.40 -0.08 0.00	11.00 -0.05 0.00	9.82 -0.04 0.00	16.06 -0.05 0.00	19.82 -0.04 0.00	24.27 0.05 0.00	23.98 0.07 0.00	19.19 -0.04 0.00	20.90 -0.07 0.00	20.32 -0.07 0.00	18.10 -0.07 0.00	20.49 -0.07 0.00	24.24 -0.05 0.00	26.68 -0.15 0.00	40.86 -0.01 0.00	60.04 0.08 0.00	63.48 0.07 0.00	38.26 -0.01 0.00	28.06 -0.10 0.00	23.73 -0.09 0.00	23.06 -0.07 0.00	21.32 -0.09 0.00
COXSACKIE___GT 23611	18.35 1.14 0.00	13.53 0.84 0.00	13.34 0.85 0.00	11.79 0.74 0.00	10.52 0.66 0.00	17.20 1.10 0.00	21.26 1.40 0.00	26.06 1.84 0.00	25.72 1.82 0.00	20.56 1.33 0.00	22.06 1.09 0.00	21.21 0.81 0.00	18.86 0.69 0.00	21.38 0.81 0.00	25.42 1.13 0.00	28.42 1.59 0.00	43.64 2.77 0.00	64.34 4.39 0.00	67.99 4.58 0.00	40.98 2.71 0.00	30.12 1.96 0.00	25.40 1.58 0.00	24.58 1.44 0.00	22.65 1.24 0.00
CPV_VALLEY___CC1 323721	17.13 0.76 0.84	13.31 0.61 0.00	13.06 0.58 0.00	11.57 0.52 0.00	10.30 0.44 0.00	16.86 0.76 0.00	20.83 0.97 0.00	25.53 1.31 0.00	25.25 1.34 0.00	20.32 1.09 0.00	21.64 1.17 0.50	19.20 1.16 2.36	7.27 1.04 11.94	15.28 1.25 6.53	17.07 1.47 8.69	2.79 1.44 25.47	42.87 2.00 0.00	62.99 3.04 0.00	66.82 3.42 0.00	40.28 2.01 0.00	29.69 1.53 0.00	25.03 1.31 0.09	24.33 1.20 0.00	22.45 1.04 0.00
CPV_VALLEY___CC2 323722	17.13 0.76 0.84	13.31 0.61 0.00	13.06 0.58 0.00	11.57 0.52 0.00	10.30 0.44 0.00	16.86 0.76 0.00	20.83 0.97 0.00	25.53 1.31 0.00	25.25 1.34 0.00	20.32 1.09 0.00	21.64 1.17 0.50	19.20 1.16 2.36	7.27 1.04 11.94	15.28 1.25 6.53	17.07 1.47 8.69	2.79 1.44 25.47	42.87 2.00 0.00	62.99 3.04 0.00	66.82 3.42 0.00	40.28 2.01 0.00	29.69 1.53 0.00	25.03 1.31 0.09	24.33 1.20 0.00	22.45 1.04 0.00
CRESCENT___HYD 24018	18.11 0.79 -0.10	13.29 0.60 0.00	13.08 0.60 0.00	11.58 0.52 0.00	10.31 0.45 0.00	16.88 0.77 0.00	20.81 0.96 0.00	25.43 1.21 0.00	25.12 1.22 0.00	20.19 0.96 0.00	21.99 0.96 -0.06	21.57 0.88 -0.29	20.41 0.78 -1.46	22.26 0.90 -0.80	26.50 1.15 -1.06	31.19 1.25 -3.12	42.65 1.78 0.00	62.44 2.49 0.00	66.11 2.70 0.00	39.97 1.70 0.00	29.48 1.33 0.00	24.94 1.11 -0.01	24.19 1.05 0.00	22.34 0.93 0.00
CRICKET___VALLEY_CC1 323756	18.25 0.82 -0.22	13.33 0.64 0.00	13.10 0.62 0.00	11.59 0.54 0.00	10.31 0.45 0.00	16.88 0.78 0.00	20.84 0.99 0.00	25.57 1.35 0.00	25.30 1.39 0.00	20.36 1.14 0.00	22.33 1.23 -0.13	22.21 1.19 -0.62	22.34 1.04 -3.14	23.53 1.25 -1.72	28.10 1.52 -2.28	35.03 1.51 -6.69	43.05 2.18 0.00	63.14 3.18 0.00	66.82 3.41 0.00	40.37 2.10 0.00	29.78 1.62 0.00	25.20 1.36 -0.02	24.37 1.23 0.00	22.48 1.08 0.00
CRICKET___VALLEY_CC2 323757	18.25 0.82 -0.22	13.33 0.64 0.00	13.10 0.62 0.00	11.59 0.54 0.00	10.31 0.45 0.00	16.88 0.78 0.00	20.84 0.99 0.00	25.57 1.35 0.00	25.30 1.39 0.00	20.36 1.14 0.00	22.33 1.23 -0.13	22.21 1.19 -0.62	22.34 1.04 -3.14	23.53 1.25 -1.72	28.10 1.52 -2.28	35.03 1.51 -6.69	43.05 2.18 0.00	63.14 3.18 0.00	66.82 3.41 0.00	40.37 2.10 0.00	29.78 1.62 0.00	25.20 1.36 -0.02	24.37 1.23 0.00	22.48 1.08 0.00
CRICKET___VALLEY_CC3 323758	18.25 0.82 -0.22	13.33 0.64 0.00	13.10 0.62 0.00	11.59 0.54 0.00	10.31 0.45 0.00	16.88 0.78 0.00	20.84 0.99 0.00	25.57 1.35 0.00	25.30 1.39 0.00	20.36 1.14 0.00	22.33 1.23 -0.13	22.21 1.19 -0.62	22.34 1.04 -3.14	23.53 1.25 -1.72	28.10 1.52 -2.28	35.03 1.51 -6.69	43.05 2.18 0.00	63.14 3.18 0.00	66.82 3.41 0.00	40.37 2.10 0.00	29.78 1.62 0.00	25.20 1.36 -0.02	24.37 1.23 0.00	22.48 1.08 0.00
CRUCIBLE_METL_DRP 24180	16.99 -0.22 0.00	12.50 -0.19 0.00	12.28 -0.20 0.00	10.88 -0.17 0.00	9.71 -0.15 0.00	15.87 -0.24 0.00	19.56 -0.30 0.00	24.07 -0.14 0.00	23.80 -0.11 0.00	18.84 -0.39 0.00	20.54 -0.43 0.00	19.99 -0.41 0.00	17.82 -0.34 0.00	20.16 -0.40 0.00	24.06 -0.23 0.00	26.39 -0.43 0.00	40.33 -0.54 0.00	59.18 -0.77 0.00	62.51 -0.89 0.00	37.71 -0.56 0.00	27.69 -0.47 0.00	23.41 -0.40 0.00	22.76 -0.37 0.00	21.10 -0.31 0.00
DAHOWA___HYDRO 323763	18.31 1.01 -0.10	13.41 0.72 0.00	13.18 0.70 0.00	11.66 0.61 0.00	10.41 0.55 0.00	17.10 0.99 0.00	21.14 1.28 0.00	25.81 1.59 0.00	25.47 1.57 0.00	20.42 1.19 0.00	22.19 1.16 -0.06	21.67 1.00 -0.28	20.39 0.83 -1.39	22.31 0.99 -0.76	26.62 1.32 -1.01	31.31 1.52 -2.97	43.28 2.41 0.00	63.31 3.36 0.00	67.04 3.63 0.00	40.51 2.24 0.00	29.79 1.63 0.00	25.20 1.37 -0.01	24.45 1.32 0.00	22.56 1.15 0.00
DANC___LFGE 323619	16.64 -0.56 0.00	13.60 -0.43 -1.34	15.46 -0.48 -3.45	13.88 -0.40 -3.23	11.93 -0.30 -2.37	15.58 -0.52 0.00	21.19 -0.40 -1.73	28.63 -0.26 -4.67	25.22 -0.15 -1.47	18.75 -0.48 0.00	20.33 -0.64 0.00	19.60 -0.80 0.00	17.51 -0.66 0.00	19.69 -0.87 0.00	23.52 -0.77 0.00	26.15 -0.68 0.00	40.70 -0.17 0.00	60.03 0.08 0.00	62.85 -0.56 0.00	39.70 -0.84 -2.27	32.18 -0.89 -4.91	27.46 -0.84 -4.48	26.70 -0.84 -4.39	23.83 -0.78 -3.20
DANSKAMMER___1 23586	18.13 1.04 0.11	13.50 0.81 0.00	13.26 0.77 0.00	11.73 0.68 0.00	10.44 0.58 0.00	17.10 1.00 0.00	21.14 1.28 0.00	25.92 1.71 0.00	25.63 1.73 0.00	20.62 1.39 0.00	22.39 1.48 0.07	21.52 1.44 0.32	17.79 1.24 1.61	21.14 1.46 0.88	24.88 1.77 1.17	25.16 1.78 3.44	43.45 2.58 0.00	63.81 3.86 0.00	67.62 4.21 0.00	40.78 2.50 0.00	30.15 1.99 0.00	25.52 1.72 0.01	24.71 1.57 0.00	22.76 1.36 0.00
DANSKAMMER___2 23589	18.13 1.04 0.11	13.50 0.81 0.00	13.26 0.77 0.00	11.73 0.68 0.00	10.44 0.58 0.00	17.10 1.00 0.00	21.14 1.28 0.00	25.92 1.71 0.00	25.63 1.73 0.00	20.62 1.39 0.00	22.39 1.48 0.07	21.52 1.44 0.32	17.79 1.24 1.61	21.14 1.46 0.88	24.88 1.77 1.17	25.16 1.78 3.44	43.45 2.58 0.00	63.81 3.86 0.00	67.62 4.21 0.00	40.78 2.50 0.00	30.15 1.99 0.00	25.52 1.72 0.01	24.71 1.57 0.00	22.76 1.36 0.00
DANSKAMMER___3 23590	18.13 1.04 0.11	13.50 0.81 0.00	13.26 0.77 0.00	11.73 0.68 0.00	10.44 0.58 0.00	17.10 1.00 0.00	21.14 1.28 0.00	25.92 1.71 0.00	25.63 1.73 0.00	20.62 1.39 0.00	22.39 1.48 0.07	21.52 1.44 0.32	17.79 1.24 1.61	21.14 1.46 0.88	24.88 1.77 1.17	25.16 1.78 3.44	43.45 2.58 0.00	63.81 3.86 0.00	67.62 4.21 0.00	40.78 2.50 0.00	30.15 1.99 0.00	25.52 1.72 0.01	24.71 1.57 0.00	22.76 1.36 0.00

DANSKAMMER___4 23591	18.13 1.04 0.11	13.50 0.81 0.00	13.26 0.77 0.00	11.73 0.68 0.00	10.44 0.58 0.00	17.10 1.00 0.00	21.14 1.28 0.00	25.92 1.71 0.00	25.63 1.73 0.00	20.62 1.39 0.00	22.39 1.48 0.07	21.52 1.44 0.32	17.79 1.24 1.61	21.14 1.46 0.88	24.88 1.77 1.17	25.16 1.78 3.44	43.45 2.58 0.00	63.81 3.86 0.00	67.62 4.21 0.00	40.78 2.50 0.00	30.15 1.99 0.00	25.52 1.72 0.01	24.71 1.57 0.00	22.76 1.36 0.00
DANSKAMMER___DIESEL 23592	18.13 1.04 0.11	13.49 0.81 0.00	13.25 0.77 0.00	11.73 0.68 0.00	10.44 0.58 0.00	17.10 1.00 0.00	21.13 1.28 0.00	25.92 1.70 0.00	25.64 1.73 0.00	20.62 1.39 0.00	22.39 1.48 0.07	21.52 1.44 0.32	17.79 1.24 1.61	21.14 1.46 0.88	24.88 1.77 1.17	25.16 1.78 3.44	43.45 2.58 0.00	63.81 3.86 0.00	67.62 4.21 0.00	40.78 2.50 0.00	30.15 1.99 0.00	25.52 1.72 0.01	24.71 1.57 0.00	22.76 1.36 0.00
DARBY___SOLAR 323810	18.24 0.93 -0.10	13.36 0.67 0.00	13.14 0.65 0.00	11.63 0.58 0.00	10.37 0.51 0.00	17.02 0.92 0.00	21.03 1.17 0.00	25.68 1.47 0.00	25.35 1.44 0.00	20.33 1.10 0.00	22.10 1.07 -0.06	21.58 0.91 -0.28	20.33 0.76 -1.40	22.24 0.91 -0.77	26.52 1.22 -1.02	31.22 1.40 -2.99	43.08 2.21 0.00	63.05 3.09 0.00	66.73 3.33 0.00	40.33 2.06 0.00	29.68 1.52 0.00	25.10 1.27 -0.01	24.36 1.22 0.00	22.48 1.07 0.00
DASHVILLE___HYD 23610	17.84 0.73 0.10	13.27 0.58 0.00	13.04 0.56 0.00	11.55 0.49 0.00	10.27 0.41 0.00	16.80 0.69 0.00	20.73 0.87 0.00	25.40 1.19 0.00	25.12 1.22 0.00	20.21 0.99 0.00	21.98 1.07 0.06	21.18 1.06 0.29	17.68 0.96 1.44	20.91 1.14 0.79	24.61 1.38 1.05	25.11 1.37 3.08	42.69 1.82 0.00	62.66 2.71 0.00	66.37 2.96 0.00	40.07 1.80 0.00	29.58 1.42 0.00	25.03 1.22 0.01	24.22 1.08 0.00	22.34 0.94 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.83 1.83 -0.79	15.11 1.44 -0.98	13.83 1.35 0.00	12.12 1.07 0.00	10.64 0.78 0.00	17.14 1.04 0.00	20.96 1.11 0.00	25.72 1.50 0.00	25.39 1.48 0.00	20.37 1.14 0.00	22.40 1.24 -0.19	22.67 1.38 -0.89	23.93 1.26 -4.50	24.66 1.63 -2.46	29.34 1.77 -3.28	38.10 1.67 -9.61	43.16 2.29 0.00	62.34 2.39 0.00	66.38 2.98 0.00	40.19 1.92 0.00	29.86 1.70 0.00	25.50 1.65 -0.04	24.54 1.40 0.00	22.68 1.28 0.00
DELAWARE___LFGE 323621	17.42 0.21 0.00	12.84 0.15 0.00	12.65 0.16 0.00	11.22 0.16 0.00	10.00 0.14 0.00	16.31 0.21 0.00	20.11 0.25 0.00	24.58 0.36 0.00	24.28 0.38 0.00	19.51 0.28 0.00	21.28 0.31 0.00	20.68 0.29 0.00	18.43 0.27 0.00	20.87 0.30 0.00	24.65 0.36 0.00	27.17 0.34 0.00	41.36 0.49 0.00	60.59 0.64 0.00	64.10 0.69 0.00	38.70 0.43 0.00	28.47 0.31 0.00	24.08 0.27 0.00	23.39 0.25 0.00	21.61 0.21 0.00
DERFIELD_115KV_TB7 355931	17.27 0.07 0.00	12.74 0.05 0.00	12.53 0.05 0.00	11.10 0.05 0.00	9.90 0.04 0.00	16.17 0.07 0.00	19.94 0.08 0.00	24.30 0.09 0.00	23.98 0.08 0.00	19.30 0.08 0.00	21.03 0.06 0.00	20.46 0.06 0.00	18.22 0.05 0.00	20.60 0.04 0.00	24.35 0.06 0.00	26.91 0.08 0.00	40.98 0.11 0.00	60.07 0.12 0.00	63.53 0.13 0.00	38.35 0.08 0.00	28.23 0.06 0.00	23.87 0.05 0.00	23.20 0.06 0.00	21.46 0.05 0.00
DOGLEVILLE___HYD 23807	17.63 0.42 0.00	13.02 0.33 0.00	12.81 0.33 0.00	11.36 0.31 0.00	10.11 0.25 0.00	16.55 0.45 0.00	20.46 0.60 0.00	25.01 0.79 0.00	24.63 0.73 0.00	19.74 0.51 0.00	21.06 0.09 0.00	20.39 -0.01 0.00	18.13 -0.04 0.00	20.51 -0.06 0.00	24.41 0.12 0.00	27.21 0.38 0.00	41.52 0.66 0.00	60.80 0.85 0.00	64.32 0.91 0.00	38.76 0.49 0.00	28.66 0.50 0.00	24.27 0.46 0.00	23.45 0.31 0.00	21.61 0.21 0.00
DUNKIRK___115KV_TB_200 55889	15.93 -1.28 0.00	11.69 -1.00 0.00	11.39 -1.10 0.00	10.13 -0.93 0.00	9.10 -0.76 0.00	14.91 -1.19 0.00	18.41 -1.45 0.00	22.45 -1.77 0.00	22.20 -1.71 0.00	15.59 -1.43 2.21	14.66 -1.19 5.12	14.70 -1.15 4.55	9.51 -1.01 7.64	8.87 -1.14 10.55	21.81 -1.45 1.03	25.05 -1.78 0.00	38.49 -2.38 0.00	56.72 -3.24 0.00	59.97 -3.43 0.00	35.92 -2.35 0.00	26.15 -2.01 0.00	22.17 -1.65 0.00	21.72 -1.42 0.00	19.95 -1.46 0.00
DUNKIRK___1 23563	15.93 -1.28 0.00	11.69 -1.00 0.00	11.39 -1.10 0.00	10.13 -0.93 0.00	9.10 -0.76 0.00	14.91 -1.19 0.00	18.41 -1.45 0.00	22.45 -1.77 0.00	22.20 -1.71 0.00	15.59 -1.43 2.21	14.66 -1.19 5.12	14.70 -1.15 4.55	9.51 -1.01 7.64	8.87 -1.14 10.55	21.81 -1.45 1.03	25.05 -1.78 0.00	38.49 -2.38 0.00	56.72 -3.24 0.00	59.97 -3.43 0.00	35.92 -2.35 0.00	26.15 -2.01 0.00	22.17 -1.65 0.00	21.72 -1.42 0.00	19.95 -1.46 0.00
DUNKIRK___2 23564	15.93 -1.28 0.00	11.69 -1.00 0.00	11.39 -1.10 0.00	10.13 -0.93 0.00	9.10 -0.76 0.00	14.91 -1.19 0.00	18.41 -1.45 0.00	22.45 -1.77 0.00	22.20 -1.71 0.00	15.59 -1.43 2.21	14.66 -1.19 5.12	14.70 -1.15 4.55	9.51 -1.01 7.64	8.87 -1.14 10.55	21.81 -1.45 1.03	25.05 -1.78 0.00	38.49 -2.38 0.00	56.72 -3.24 0.00	59.97 -3.43 0.00	35.92 -2.35 0.00	26.15 -2.01 0.00	22.17 -1.65 0.00	21.72 -1.42 0.00	19.95 -1.46 0.00
DUNKIRK___3 23565	15.95 -1.26 0.00	11.70 -0.99 0.00	11.41 -1.07 0.00	10.13 -0.92 0.00	9.11 -0.75 0.00	14.92 -1.18 0.00	18.40 -1.45 0.00	22.44 -1.78 0.00	22.19 -1.72 0.00	16.67 -1.42 1.15	17.15 -1.17 2.66	16.91 -1.13 2.36	13.21 -0.99 3.97	13.97 -1.12 5.48	22.31 -1.44 0.53	25.04 -1.79 0.00	38.45 -2.42 0.00	56.56 -3.39 0.00	59.74 -3.66 0.00	35.90 -2.37 0.00	26.16 -2.00 0.00	22.19 -1.63 0.00	21.76 -1.38 0.00	20.00 -1.41 0.00
DUNKIRK___4 23566	15.95 -1.26 0.00	11.70 -0.99 0.00	11.41 -1.07 0.00	10.13 -0.92 0.00	9.11 -0.75 0.00	14.92 -1.18 0.00	18.40 -1.45 0.00	22.44 -1.78 0.00	22.19 -1.72 0.00	16.67 -1.42 1.15	17.15 -1.17 2.66	16.91 -1.13 2.36	13.21 -0.99 3.97	13.97 -1.12 5.48	22.31 -1.44 0.53	25.04 -1.79 0.00	38.45 -2.42 0.00	56.56 -3.39 0.00	59.74 -3.66 0.00	35.90 -2.37 0.00	26.16 -2.00 0.00	22.19 -1.63 0.00	21.76 -1.38 0.00	20.00 -1.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.59 1.06 -0.32	13.52 0.83 0.00	13.27 0.78 0.00	11.74 0.69 0.00	10.44 0.58 0.00	17.10 1.00 0.00	21.12 1.26 0.00	25.91 1.70 0.00	25.66 1.75 0.00	20.67 1.44 0.00	22.74 1.58 -0.19	22.88 1.59 -0.89	24.10 1.41 -4.52	24.71 1.68 -2.47	29.56 1.98 -3.29	38.39 1.93 -9.64	43.59 2.72 0.00	63.99 4.04 0.00	67.79 4.38 0.00	40.88 2.61 0.00	30.20 2.04 0.00	25.61 1.76 -0.04	24.73 1.59 0.00	22.80 1.39 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.69 0.93 0.44	13.42 0.73 0.00	13.17 0.69 0.00	11.67 0.61 0.00	10.38 0.52 0.00	17.01 0.91 0.00	21.02 1.17 0.00	25.78 1.56 0.00	25.49 1.59 0.00	20.50 1.27 0.00	22.07 1.36 0.26	20.50 1.33 1.24	13.09 1.17 6.25	18.54 1.40 3.42	21.42 1.68 4.55	15.16 1.67 13.33	43.27 2.40 0.00	63.59 3.64 0.00	67.43 4.03 0.00	40.64 2.37 0.00	29.99 1.83 0.00	25.34 1.57 0.05	24.56 1.42 0.00	22.65 1.24 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	18.60 1.07 -0.32	13.53 0.84 0.00	13.28 0.79 0.00	11.75 0.70 0.00	10.45 0.59 0.00	17.12 1.02 0.00	21.16 1.30 0.00	25.99 1.77 0.00	25.73 1.82 0.00	20.71 1.48 0.00	22.76 1.61 -0.19	22.92 1.63 -0.89	24.12 1.43 -4.52	24.75 1.72 -2.47	29.61 2.04 -3.29	38.43 1.96 -9.64	43.61 2.74 0.00	64.07 4.12 0.00	67.83 4.43 0.00	40.97 2.70 0.00	30.28 2.12 0.00	25.66 1.81 -0.04	24.78 1.64 0.00	22.83 1.43 0.00
E179THST_13_KV_LOAD 356214	18.67 1.14 -0.32	13.57 0.88 0.00	13.32 0.84 0.00	11.79 0.74 0.00	10.48 0.62 0.00	17.18 1.08 0.00	21.24 1.38 0.00	26.09 1.87 0.00	25.83 1.92 0.00	20.80 1.57 0.00	22.85 1.69 -0.19	23.02 1.72 -0.89	24.21 1.52 -4.52	24.85 1.81 -2.47	29.73 2.15 -3.29	38.56 2.09 -9.64	43.81 2.94 0.00	64.38 4.43 0.00	68.16 4.76 0.00	41.16 2.89 0.00	30.42 2.26 0.00	25.77 1.92 -0.04	24.88 1.74 0.00	22.93 1.52 0.00
EAST HAMPTON___GT 23717	19.85 1.85 -0.79	15.15 1.48 -0.98	13.88 1.39 0.00	12.13 1.08 0.00	10.60 0.74 0.00	16.90 0.80 0.00	20.61 0.75 0.00	25.38 1.16 0.00	25.03 1.13 0.00	20.09 0.86 0.00	22.03 0.87 -0.19	22.26 0.98 -0.89	23.54 0.86 -4.50	24.22 1.19 -2.46	28.83 1.27 -3.28	37.59 1.15 -9.61	42.40 1.53 0.00	61.30 1.35 0.00	65.27 1.87 0.00	39.51 1.24 0.00	29.34 1.18 0.00	25.03 1.18 -0.04	24.08 0.94 0.00	22.24 0.84 0.00
EAST RIVER___6 23660	18.67 1.15 -0.32	13.58 0.89 0.00	13.33 0.85 0.00	11.79 0.74 0.00	10.49 0.63 0.00	17.17 1.07 0.00	21.21 1.35 0.00	26.04 1.82 0.00	25.81 1.91 0.00	20.81 1.58 0.00	22.91 1.76 -0.19	23.08 1.79 -0.89	24.27 1.59 -4.52	24.91 1.87 -2.47	29.78 2.20 -3.29	38.62 2.15 -9.64	43.88 3.01 0.00	64.45 4.50 0.00	68.18 4.77 0.00	41.12 2.85 0.00	30.38 2.23 0.00	25.76 1.91 -0.04	24.89 1.75 0.00	22.94 1.54 0.00
EAST RIVER___7 23524	18.67 1.15 -0.32	13.58 0.89 0.00	13.33 0.85 0.00	11.79 0.74 0.00	10.49 0.63 0.00	17.17 1.07 0.00	21.21 1.35 0.00	26.04 1.82 0.00	25.81 1.91 0.00	20.81 1.58 0.00	22.91 1.76 -0.19	23.08 1.79 -0.89	24.27 1.59 -4.52	24.91 1.87 -2.47	29.78 2.20 -3.29	38.62 2.15 -9.64	43.88 3.01 0.00	64.45 4.50 0.00	68.18 4.77 0.00	41.12 2.85 0.00	30.38 2.23 0.00	25.76 1.91 -0.04	24.89 1.75 0.00	22.94 1.54 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.56 1.01 -0.34	13.48 0.79 0.00	13.23 0.75 0.00	11.71 0.66 0.00	10.41 0.55 0.00	17.06 0.96 0.00	21.07 1.21 0.00	25.85 1.64 0.00	25.59 1.69 0.00	20.61 1.38 0.00	22.68 1.50 -0.20	22.86 1.51 -0.96	24.35 1.34 -4.85	24.81 1.60 -2.65	29.70 1.89 -3.53	39.00 1.84 -10.33	43.47 2.60 0.00	63.83 3.87 0.00	67.61 4.21 0.00	40.78 2.51 0.00	30.11 1.95 0.00	25.53 1.67 -0.04	24.66 1.52 0.00	22.73 1.33 0.00
EAST_HAMPTON___DIESEL 23722	19.84 1.84 -0.79	15.14 1.48 -0.98	13.87 1.38 0.00	12.12 1.07 0.00	10.59 0.73 0.00	16.86 0.76 0.00	20.54 0.68 0.00	25.32 1.10 0.00	24.96 1.06 0.00	20.03 0.81 0.00	21.97 0.81 -0.19	22.20 0.91 -0.89	23.48 0.80 -4.50	24.15 1.12 -2.46	28.75 1.19 -3.28	37.49 1.06 -9.61	42.26 1.39 0.00	61.11 1.16 0.00	65.05 1.64 0.00	39.38 1.11 0.00	29.25 1.09 0.00	24.95 1.10 -0.04	24.00 0.87 0.00	22.17 0.77 0.00
EAST_POINT___SOLAR 323840	18.23 0.94 -0.08	13.37 0.68 0.00	13.12 0.64 0.00	11.62 0.57 0.00	10.39 0.53 0.00	17.04 0.93 0.00	21.13 1.28 0.00	25.77 1.56 0.00	25.37 1.47 0.00	20.09 0.86 0.00	21.37 0.35 -0.05	20.85 0.22 -0.23	19.52 0.18 -1.18	21.34 0.13 -0.64	25.30 0.16 -0.86	30.24 0.90 -2.51	43.37 2.50 0.00	63.98 4.02 0.00	67.54 4.14 0.00	40.62 2.35 0.00	29.73 1.57 0.00	25.12 1.30 -0.01	24.33 1.19 0.00	22.48 1.07 0.00
EAST_PULASKI___ESR 323781	16.77 -0.44 0.00	13.07 -0.34 -0.72	13.98 -0.37 -1.86	12.48 -0.32 -1.74	10.87 -0.26 -1.28	15.65 -0.45 0.00	20.34 -0.45 -0.93	26.44 -0.38 -2.61	24.64 -0.16 -0.90	18.71 -0.51 0.00	20.36 -0.61 0.00	19.73 -0.67 0.00	17.59 -0.57 0.00	19.84 -0.72 0.00	23.72 -0.57 0.00	26.09 -0.74 0.00	40.13 -0.74 0.00	59.05 -0.90 0.00	62.20 -1.21 0.00	38.56 -0.93 -1.22	29.98 -0.82 -2.65	25.49 -0.74 -2.42	24.83 -0.68 -2.37	22.53 -0.60 -1.73
EAST_RIVER___1 323558	18.66 1.13 -0.32	13.57 0.88 0.00	13.32 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.03 1.82 0.00	25.79 1.89 0.00	20.78 1.55 0.00	22.88 1.72 -0.19	23.03 1.74 -0.89	24.23 1.55 -4.52	24.87 1.83 -2.47	29.73 2.15 -3.29	38.56 2.09 -9.64	43.80 2.94 0.00	64.34 4.39 0.00	68.09 4.68 0.00	41.05 2.78 0.00	30.35 2.20 0.00	25.74 1.88 -0.04	24.85 1.72 0.00	22.91 1.51 0.00
EAST_RIVER___2 323559	18.67 1.15 -0.32	13.58 0.89 0.00	13.33 0.85 0.00	11.79 0.74 0.00	10.49 0.63 0.00	17.17 1.07 0.00	21.21 1.35 0.00	26.04 1.82 0.00	25.81 1.91 0.00	20.81 1.58 0.00	22.91 1.76 -0.19	23.08 1.79 -0.89	24.27 1.59 -4.52	24.91 1.87 -2.47	29.78 2.20 -3.29	38.62 2.15 -9.64	43.88 3.01 0.00	64.45 4.50 0.00	68.18 4.77 0.00	41.12 2.85 0.00	30.38 2.23 0.00	25.76 1.91 -0.04	24.89 1.75 0.00	22.94 1.54 0.00
EAST___DELAWARE_HYD 23607	17.92 1.09 0.38	13.53 0.84 0.00	13.29 0.80 0.00	11.77 0.71 0.00	10.48 0.62 0.00	17.18 1.08 0.00	21.26 1.40 0.00	26.06 1.85 0.00	25.75 1.84 0.00	20.67 1.44 0.00	22.25 1.50 0.22	20.79 1.44 1.05	14.11 1.27 5.32	19.17 1.52 2.91	22.26 1.84 3.87	17.35 1.87 11.35	43.72 2.85 0.00	64.33 4.38 0.00	68.24 4.84 0.00	41.13 2.86 0.00	30.31 2.15 0.00	25.60 1.83 0.04	24.79 1.65 0.00	22.84 1.44 0.00
EIGHT_POINT___WT_PWR 323820	15.54 -1.67 0.00	11.39 -1.30 0.00	11.14 -1.34 0.00	9.97 -1.09 0.00	8.87 -0.99 0.00	14.50 -1.61 0.00	17.86 -1.99 0.00	21.73 -2.49 0.00	21.47 -2.43 0.00	17.13 -2.10 0.00	18.94 -2.03 0.00	18.38 -2.02 0.00	16.28 -1.89 0.00	18.63 -1.94 0.00	21.99 -2.30 0.00	24.13 -2.69 0.00	37.71 -3.16 0.00	55.44 -4.51 0.00	58.02 -5.39 0.00	34.77 -3.50 0.00	25.23 -2.93 0.00	21.18 -2.64 0.00	20.76 -2.37 0.00	19.06 -2.35 0.00
ELBRIDGE_115KV_TB2 80188	16.90 -0.31 0.00	12.43 -0.26 0.00	12.21 -0.27 0.00	10.82 -0.23 0.00	9.65 -0.20 0.00	15.77 -0.34 0.00	19.44 -0.42 0.00	24.03 -0.18 0.00	23.71 -0.19 0.00	18.68 -0.55 0.00	20.38 -0.59 0.00	19.83 -0.57 0.00	17.67 -0.49 0.00	19.99 -0.57 0.00	23.94 -0.35 0.00	26.20 -0.62 0.00	40.02 -0.85 0.00	58.73 -1.22 0.00	62.07 -1.34 0.00	37.45 -0.82 0.00	27.50 -0.66 0.00	23.26 -0.56 0.00	22.62 -0.52 0.00	20.97 -0.44 0.00
ELEC_TRO_TEK 24086	19.33 1.33 -0.79	14.71 1.04 -0.98	13.46 0.97 0.00	11.86 0.81 0.00	10.48 0.62 0.00	17.11 1.01 0.00	21.03 1.17 0.00	25.79 1.58 0.00	25.51 1.61 0.00	20.54 1.31 0.00	22.70 1.54 -0.19	22.97 1.69 -0.89	24.22 1.55 -4.50	24.89 1.87 -2.46	29.62 2.05 -3.28	38.32 1.88 -9.61	43.40 2.54 0.00	63.41 3.46 0.00	67.16 3.75 0.00	40.62 2.35 0.00	30.15 1.99 0.00	25.70 1.84 -0.04	24.76 1.63 0.00	22.87 1.46 0.00

ELLENBURG_WT_PWR 323604	16.77 -0.43 0.00	-0.72 -0.53 12.88	-21.17 -0.47 33.19	-20.42 -0.43 31.04	-13.29 -0.35 22.80	15.60 -0.50 0.00	2.65 -0.55 16.66	-20.10 -0.70 43.62	10.38 -0.67 12.85	18.74 -0.49 0.00	20.58 -0.39 0.00	19.86 -0.54 0.00	17.49 -0.67 0.01	19.82 -0.74 0.00	23.58 -0.71 0.00	26.31 -0.52 0.00	40.29 -0.58 0.00	59.62 -0.33 0.00	62.97 -0.44 0.00	15.55 -0.91 21.81	-19.89 -0.87 47.18	-20.08 -0.80 43.10	-19.94 -0.81 42.27	-10.19 -0.78 30.81
ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.75 -1.46 0.00	11.56 -1.13 0.00	11.29 -1.19 0.00	10.00 -1.05 0.00	9.02 -0.84 0.00	14.75 -1.35 0.00	18.21 -1.65 0.00	22.15 -2.06 0.00	21.85 -2.05 0.00	17.58 -1.65 0.00	19.59 -1.38 0.00	19.04 -1.36 0.00	16.99 -1.18 0.00	19.19 -1.37 0.00	22.54 -1.75 0.00	24.80 -2.03 0.00	37.98 -2.89 0.00	55.64 -4.31 0.00	58.47 -4.93 0.00	35.43 -2.84 0.00	25.89 -2.27 0.00	21.95 -1.86 0.00	21.57 -1.56 0.00	19.84 -1.57 0.00
EMPIRE_CC_1 323656	18.01 0.68 -0.13	13.23 0.53 0.00	13.02 0.54 0.00	11.52 0.47 0.00	10.26 0.40 0.00	16.77 0.67 0.00	20.66 0.80 0.00	25.25 1.04 0.00	24.96 1.06 0.00	20.07 0.84 0.00	21.90 0.85 -0.08	21.56 0.80 -0.36	20.70 0.72 -1.81	22.38 0.82 -0.99	26.62 1.01 -1.32	31.76 1.06 -3.87	42.27 1.40 0.00	61.89 1.93 0.00	65.52 2.12 0.00	39.63 1.36 0.00	29.27 1.11 0.00	24.79 0.96 -0.01	24.04 0.91 0.00	22.21 0.80 0.00
EMPIRE_CC_2 323658	18.01 0.68 -0.13	13.23 0.53 0.00	13.02 0.54 0.00	11.52 0.47 0.00	10.26 0.40 0.00	16.77 0.67 0.00	20.66 0.80 0.00	25.25 1.04 0.00	24.96 1.06 0.00	20.07 0.84 0.00	21.90 0.85 -0.08	21.56 0.80 -0.36	20.70 0.72 -1.81	22.38 0.82 -0.99	26.62 1.01 -1.32	31.76 1.06 -3.87	42.27 1.40 0.00	61.89 1.93 0.00	65.52 2.12 0.00	39.63 1.36 0.00	29.27 1.11 0.00	24.79 0.96 -0.01	24.04 0.91 0.00	22.21 0.80 0.00
ENORWICH_115KV_TB1 80156	17.55 0.39 0.05	13.00 0.31 0.00	12.79 0.30 0.00	11.37 0.32 0.00	10.19 0.33 0.00	16.72 0.61 0.00	20.79 0.93 0.00	25.48 1.26 0.00	25.08 1.18 0.00	19.83 0.60 0.00	21.60 0.66 0.03	20.70 0.45 0.15	17.89 0.48 0.76	20.62 0.47 0.41	24.44 0.71 0.55	26.04 0.84 1.63	42.58 1.71 0.00	62.39 2.43 0.00	66.14 2.74 0.00	39.82 1.54 0.00	29.13 0.97 0.00	24.62 0.81 0.01	23.80 0.66 0.00	21.91 0.50 0.00
ERIE_ST_34_KV_TB1-2 80199	16.21 -0.99 0.00	11.88 -0.81 0.00	11.62 -0.87 0.00	10.29 -0.77 0.00	9.26 -0.59 0.00	15.16 -0.94 0.00	18.71 -1.15 0.00	22.80 -1.41 0.00	22.54 -1.37 0.00	18.10 -1.13 0.00	20.15 -0.82 0.00	19.56 -0.83 0.00	17.45 -0.71 0.00	19.72 -0.84 0.00	23.19 -1.10 0.00	25.49 -1.33 0.00	39.07 -1.80 0.00	57.26 -2.69 0.00	60.26 -3.15 0.00	36.47 -1.80 0.00	26.63 -1.53 0.00	22.59 -1.23 0.00	22.17 -0.96 0.00	20.38 -1.02 0.00
ERIE_WT_PWR 323693	15.89 -1.32 0.00	11.65 -1.05 0.00	11.38 -1.11 0.00	10.08 -0.97 0.00	9.09 -0.77 0.00	14.87 -1.24 0.00	18.35 -1.51 0.00	22.32 -1.90 0.00	22.03 -1.88 0.00	17.71 -1.52 0.00	19.72 -1.25 0.00	19.18 -1.22 0.00	17.09 -1.07 0.00	19.33 -1.23 0.00	22.70 -1.59 0.00	24.98 -1.85 0.00	38.31 -2.55 0.00	56.13 -3.82 0.00	59.06 -4.34 0.00	35.77 -2.50 0.00	26.09 -2.06 0.00	22.11 -1.70 0.00	21.71 -1.43 0.00	19.96 -1.45 0.00
ESPRGFLD_115KV_TB1 80157	17.65 0.38 -0.06	12.95 0.26 0.00	12.72 0.24 0.00	11.28 0.23 0.00	10.08 0.23 0.00	16.49 0.38 0.00	20.41 0.55 0.00	24.92 0.71 0.00	24.61 0.70 0.00	19.72 0.49 0.00	21.51 0.51 -0.04	21.04 0.47 -0.17	19.47 0.42 -0.88	21.50 0.46 -0.48	25.41 0.48 -0.64	29.32 0.62 -1.88	42.10 1.24 0.00	61.83 1.88 0.00	65.26 1.86 0.00	39.29 1.02 0.00	28.74 0.58 0.00	24.32 0.49 -0.01	23.60 0.46 0.00	21.82 0.42 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.19 -0.01 0.00	12.64 -0.06 0.00	12.41 -0.07 0.00	11.01 -0.04 0.00	9.83 -0.03 0.00	16.08 -0.02 0.00	19.86 0.00 0.00	24.34 0.13 0.00	24.02 0.11 0.00	19.13 -0.10 0.00	20.82 -0.15 0.00	20.25 -0.14 0.00	18.03 -0.14 0.00	20.41 -0.15 0.00	24.22 -0.07 0.00	26.68 -0.15 0.00	40.94 0.07 0.00	60.20 0.25 0.00	63.68 0.28 0.00	38.37 0.10 0.00	28.14 -0.02 0.00	23.78 -0.04 0.00	23.10 -0.04 0.00	21.34 -0.07 0.00
ETNA____115KV_TB2 80207	17.19 -0.01 0.00	12.64 -0.06 0.00	12.41 -0.07 0.00	11.01 -0.04 0.00	9.83 -0.03 0.00	16.08 -0.02 0.00	19.86 0.00 0.00	24.34 0.13 0.00	24.02 0.11 0.00	19.13 -0.10 0.00	20.82 -0.15 0.00	20.25 -0.14 0.00	18.03 -0.14 0.00	20.41 -0.15 0.00	24.22 -0.07 0.00	26.68 -0.15 0.00	40.94 0.07 0.00	60.20 0.25 0.00	63.68 0.28 0.00	38.37 0.10 0.00	28.14 -0.02 0.00	23.78 -0.04 0.00	23.10 -0.04 0.00	21.34 -0.07 0.00
EUCLID____115KV_TB2 356179	16.81 -0.40 0.00	12.38 -0.31 0.00	12.16 -0.32 0.00	10.78 -0.27 0.00	9.62 -0.24 0.00	15.71 -0.40 0.00	19.36 -0.50 0.00	23.61 -0.60 0.00	23.33 -0.58 0.00	18.71 -0.52 0.00	20.43 -0.54 0.00	19.87 -0.53 0.00	17.72 -0.45 0.00	20.04 -0.52 0.00	23.69 -0.60 0.00	26.13 -0.70 0.00	39.89 -0.98 0.00	58.50 -1.45 0.00	61.80 -1.61 0.00	37.30 -0.97 0.00	27.40 -0.76 0.00	23.17 -0.65 0.00	22.54 -0.60 0.00	20.90 -0.50 0.00
E_CANADA_CAP_HY 24051	17.96 0.67 -0.08	13.17 0.48 0.00	12.93 0.44 0.00	11.45 0.40 0.00	10.24 0.38 0.00	16.76 0.66 0.00	20.76 0.90 0.00	25.31 1.10 0.00	24.95 1.05 0.00	19.97 0.74 0.00	21.64 0.62 -0.05	21.14 0.53 -0.22	19.74 0.46 -1.10	21.66 0.50 -0.60	25.61 0.52 -0.80	30.05 0.87 -2.35	42.73 1.86 0.00	62.89 2.94 0.00	66.29 2.89 0.00	39.86 1.59 0.00	29.16 1.00 0.00	24.69 0.86 -0.01	23.95 0.81 0.00	22.16 0.76 0.00
E_CANADA_MHWK_HY 24050	17.63 0.42 0.00	13.02 0.33 0.00	12.81 0.33 0.00	11.36 0.31 0.00	10.11 0.25 0.00	16.55 0.45 0.00	20.46 0.60 0.00	25.01 0.79 0.00	24.63 0.73 0.00	19.74 0.51 0.00	21.06 0.09 0.00	20.39 -0.01 0.00	18.13 -0.04 0.00	20.51 -0.06 0.00	24.41 0.12 0.00	27.21 0.38 0.00	41.52 0.66 0.00	60.80 0.85 0.00	64.32 0.91 0.00	38.76 0.49 0.00	28.66 0.50 0.00	24.27 0.46 0.00	23.45 0.31 0.00	21.61 0.21 0.00
E_FISHKILL____LBMP 23776	18.36 0.91 -0.24	13.40 0.72 0.00	13.17 0.68 0.00	11.65 0.60 0.00	10.36 0.50 0.00	16.97 0.87 0.00	20.95 1.09 0.00	25.69 1.48 0.00	25.42 1.52 0.00	20.47 1.24 0.00	22.46 1.35 -0.14	22.40 1.34 -0.66	22.70 1.19 -3.34	23.80 1.41 -1.83	28.41 1.69 -2.44	35.61 1.65 -7.13	43.20 2.33 0.00	63.40 3.45 0.00	67.14 3.74 0.00	40.53 2.25 0.00	29.92 1.76 0.00	25.34 1.50 -0.03	24.49 1.36 0.00	22.59 1.19 0.00
FALCON____SEABRD_CC1 323796	16.80 -0.41 0.00	-0.98 -0.60 13.07	-21.68 -0.47 33.69	-20.90 -0.44 31.51	-13.68 -0.39 23.15	15.55 -0.55 0.00	2.36 -0.59 16.91	-20.78 -0.72 44.28	10.13 -0.73 13.04	18.68 -0.55 0.00	20.59 -0.38 0.00	19.78 -0.62 0.00	17.34 -0.81 0.01	19.70 -0.86 0.00	23.54 -0.75 0.00	26.34 -0.48 0.00	40.35 -0.52 0.00	59.75 -0.20 0.00	63.46 0.05 0.00	15.29 -0.84 22.14	-20.53 -0.79 47.89	-20.62 -0.68 43.75	-20.58 -0.81 42.91	-10.72 -0.85 31.28

FALCON___SEABRD_CC2 323797	16.80 -0.41 0.00	-0.98 -0.60 13.07	-21.68 -0.47 33.69	-20.90 -0.44 31.51	-13.68 -0.39 23.15	15.55 -0.55 0.00	2.36 -0.59 16.91	-20.78 -0.72 44.28	10.13 -0.73 13.04	18.68 -0.55 0.00	20.59 -0.38 0.00	19.78 -0.62 0.00	17.34 -0.81 0.01	19.70 -0.86 0.00	23.54 -0.75 0.00	26.34 -0.48 0.00	40.35 -0.52 0.00	59.75 -0.20 0.00	63.46 0.05 0.00	15.29 -0.84 22.14	-20.53 -0.79 47.89	-20.62 -0.68 43.75	-20.58 -0.81 42.91	-10.72 -0.85 31.28
FAR ROCKAWAY___4 23548	19.52 1.52 -0.79	14.84 1.18 -0.98	13.59 1.10 0.00	11.97 0.92 0.00	10.58 0.72 0.00	17.28 1.18 0.00	21.23 1.37 0.00	26.03 1.81 0.00	25.76 1.86 0.00	20.73 1.50 0.00	22.92 1.76 -0.19	23.21 1.92 -0.89	24.45 1.77 -4.50	25.16 2.13 -2.46	29.92 2.35 -3.28	38.65 2.21 -9.61	43.92 3.05 0.00	64.19 4.24 0.00	67.98 4.58 0.00	41.12 2.85 0.00	30.50 2.34 0.00	25.99 2.14 -0.04	25.03 1.90 0.00	23.11 1.70 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.67 1.14 -0.32	13.57 0.89 0.00	13.32 0.84 0.00	11.79 0.74 0.00	10.48 0.62 0.00	17.18 1.08 0.00	21.22 1.36 0.00	26.05 1.84 0.00	25.81 1.91 0.00	20.79 1.56 0.00	22.89 1.73 -0.19	23.04 1.75 -0.89	24.23 1.54 -4.52	24.87 1.83 -2.47	29.73 2.15 -3.29	38.56 2.08 -9.64	43.80 2.94 0.00	64.35 4.40 0.00	68.12 4.71 0.00	41.07 2.80 0.00	30.36 2.21 0.00	25.75 1.90 -0.04	24.86 1.72 0.00	22.92 1.51 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.65 1.12 -0.32	13.56 0.88 0.00	13.31 0.82 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.19 1.33 0.00	26.01 1.80 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.86 1.70 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.80 -2.47	29.70 2.12 -3.29	38.51 2.04 -9.64	43.75 2.88 0.00	64.27 4.31 0.00	68.02 4.61 0.00	41.01 2.74 0.00	30.32 2.16 0.00	25.71 1.86 -0.04	24.83 1.70 0.00	22.89 1.49 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.66 1.13 -0.32	13.57 0.88 0.00	13.32 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.21 1.35 0.00	26.03 1.82 0.00	25.79 1.89 0.00	20.78 1.56 0.00	22.88 1.72 -0.19	23.02 1.73 -0.89	24.22 1.53 -4.52	24.86 1.82 -2.47	29.72 2.14 -3.29	38.54 2.07 -9.64	43.79 2.92 0.00	64.33 4.38 0.00	68.08 4.67 0.00	41.04 2.77 0.00	30.34 2.18 0.00	25.74 1.88 -0.04	24.85 1.71 0.00	22.91 1.50 0.00
FARRAGUT___LBMP 323566	18.65 1.12 -0.32	13.56 0.88 0.00	13.31 0.82 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.19 1.33 0.00	26.01 1.80 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.86 1.70 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.80 -2.47	29.70 2.12 -3.29	38.51 2.04 -9.64	43.75 2.88 0.00	64.27 4.31 0.00	68.02 4.61 0.00	41.01 2.74 0.00	30.32 2.16 0.00	25.71 1.86 -0.04	24.83 1.70 0.00	22.89 1.49 0.00
FENNER___WINDPWR 24204	17.31 0.10 0.00	13.07 0.06 -0.32	13.35 0.03 -0.83	11.88 0.05 -0.77	10.50 0.07 -0.57	16.25 0.14 0.00	20.51 0.22 -0.42	25.90 0.46 -1.22	24.76 0.47 -0.38	19.53 0.30 0.00	21.20 0.23 0.00	20.55 0.16 0.00	18.27 0.11 0.00	20.69 0.13 0.00	24.46 0.17 0.00	27.00 0.17 0.00	41.38 0.51 0.00	60.83 0.88 0.00	64.21 0.81 0.00	39.23 0.42 -0.54	29.54 0.20 -1.18	25.03 0.14 -1.07	24.30 0.11 -1.05	22.25 0.08 -0.77
FIBERTEK___ENERGY 23856	16.99 -0.22 0.00	12.50 -0.19 0.00	12.28 -0.20 0.00	10.88 -0.17 0.00	9.71 -0.15 0.00	15.87 -0.24 0.00	19.56 -0.30 0.00	24.07 -0.14 0.00	23.80 -0.11 0.00	18.84 -0.39 0.00	20.54 -0.43 0.00	19.99 -0.41 0.00	17.82 -0.34 0.00	20.16 -0.40 0.00	24.06 -0.23 0.00	26.39 -0.43 0.00	40.33 -0.54 0.00	59.18 -0.77 0.00	62.51 -0.89 0.00	37.71 -0.56 0.00	27.69 -0.47 0.00	23.41 -0.40 0.00	22.76 -0.37 0.00	21.10 -0.31 0.00
FITZPATRICK____ 23598	16.64 -0.57 0.00	12.25 -0.44 0.00	12.05 -0.44 0.00	10.67 -0.39 0.00	9.52 -0.34 0.00	15.53 -0.57 0.00	19.12 -0.73 0.00	23.24 -0.97 0.00	22.95 -0.95 0.00	18.47 -0.76 0.00	20.15 -0.82 0.00	19.61 -0.79 0.00	17.49 -0.68 0.00	19.77 -0.80 0.00	23.31 -0.98 0.00	25.77 -1.06 0.00	39.30 -1.57 0.00	57.65 -2.30 0.00	60.90 -2.50 0.00	36.77 -1.50 0.00	27.02 -1.14 0.00	22.85 -0.96 0.00	22.25 -0.89 0.00	20.66 -0.75 0.00
FLOWRFLD_69_KV_BK1 356044	19.66 1.66 -0.79	14.95 1.28 -0.98	13.69 1.20 0.00	12.01 0.96 0.00	10.58 0.72 0.00	17.22 1.12 0.00	21.12 1.26 0.00	25.87 1.66 0.00	25.57 1.67 0.00	20.54 1.31 0.00	22.68 1.52 -0.19	23.01 1.72 -0.89	24.25 1.58 -4.50	24.98 1.95 -2.46	29.68 2.11 -3.28	38.40 1.97 -9.61	43.54 2.67 0.00	63.29 3.34 0.00	67.15 3.75 0.00	40.67 2.40 0.00	30.24 2.08 0.00	25.85 2.00 -0.04	24.90 1.76 0.00	23.03 1.62 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.22 1.07 0.06	13.52 0.83 0.00	13.27 0.79 0.00	11.75 0.70 0.00	10.45 0.60 0.00	17.13 1.03 0.00	21.17 1.32 0.00	25.96 1.75 0.00	25.68 1.78 0.00	20.65 1.43 0.00	22.46 1.53 0.03	21.73 1.49 0.16	18.64 1.29 0.81	21.64 1.52 0.44	25.54 1.84 0.59	26.95 1.86 1.73	43.57 2.71 0.00	63.99 4.04 0.00	67.80 4.39 0.00	40.88 2.61 0.00	30.21 2.05 0.00	25.57 1.77 0.01	24.75 1.61 0.00	22.80 1.40 0.00
FORT ORANGE____ 23900	17.92 0.62 -0.09	13.17 0.48 0.00	12.98 0.49 0.00	11.49 0.43 0.00	10.23 0.37 0.00	16.70 0.60 0.00	20.58 0.72 0.00	25.17 0.95 0.00	24.87 0.97 0.00	19.99 0.76 0.00	21.72 0.70 -0.06	21.30 0.63 -0.26	20.09 0.58 -1.34	21.95 0.66 -0.73	26.10 0.84 -0.98	30.65 0.96 -2.86	42.26 1.40 0.00	61.98 2.03 0.00	65.57 2.17 0.00	39.63 1.36 0.00	29.22 1.06 0.00	24.71 0.88 -0.01	23.94 0.80 0.00	22.10 0.70 0.00
FORT_DRUM_COGEN 23780	16.75 -0.45 0.00	14.53 -0.35 -2.19	17.73 -0.41 -5.65	16.00 -0.34 -5.29	13.51 -0.23 -3.88	15.74 -0.36 0.00	22.63 -0.06 -2.84	31.99 0.22 -7.56	26.46 0.25 -2.30	19.04 -0.19 0.00	20.55 -0.42 0.00	19.69 -0.71 0.00	17.58 -0.59 0.00	19.75 -0.81 0.00	23.63 -0.66 0.00	26.49 -0.33 0.00	41.73 0.86 0.00	61.82 1.87 0.00	64.48 1.08 0.00	41.88 -0.10 -3.71	35.71 -0.48 -8.03	30.59 -0.56 -7.34	29.68 -0.65 -7.19	25.98 -0.67 -5.24
FOX_HILLS___ESR 323835	18.73 1.20 -0.32	13.62 0.93 0.00	13.37 0.88 0.00	11.83 0.77 0.00	10.52 0.66 0.00	17.25 1.15 0.00	21.31 1.46 0.00	26.15 1.93 0.00	25.89 1.98 0.00	20.83 1.61 0.00	22.91 1.75 -0.19	23.07 1.78 -0.89	24.24 1.56 -4.52	24.88 1.84 -2.47	29.74 2.16 -3.29	38.48 2.01 -9.64	43.65 2.78 0.00	64.21 4.25 0.00	67.99 4.58 0.00	41.09 2.82 0.00	30.51 2.35 0.00	25.84 1.99 -0.04	24.94 1.80 0.00	23.01 1.60 0.00
FPL FAR_ROCK_GT1 24212	19.52 1.52 -0.79	14.84 1.18 -0.98	13.59 1.10 0.00	11.97 0.92 0.00	10.58 0.72 0.00	17.28 1.18 0.00	21.23 1.37 0.00	26.03 1.82 0.00	25.76 1.86 0.00	20.73 1.50 0.00	22.92 1.76 -0.19	23.21 1.92 -0.89	24.45 1.77 -4.50	25.15 2.12 -2.46	29.92 2.35 -3.28	38.65 2.21 -9.61	43.92 3.05 0.00	64.19 4.24 0.00	67.97 4.57 0.00	41.12 2.85 0.00	30.51 2.35 0.00	25.99 2.14 -0.04	25.04 1.90 0.00	23.11 1.70 0.00

FPL FAR_ROCK_GT2 23815	19.52 1.52 -0.79	14.84 1.18 -0.98	13.59 1.10 0.00	11.97 0.92 0.00	10.58 0.72 0.00	17.28 1.18 0.00	21.23 1.37 0.00	26.03 1.82 0.00	25.76 1.86 0.00	20.73 1.50 0.00	22.92 1.76 -0.19	23.21 1.92 -0.89	24.45 1.77 -4.50	25.15 2.12 -2.46	29.92 2.35 -3.28	38.65 2.21 -9.61	43.92 3.05 0.00	64.19 4.24 0.00	67.97 4.57 0.00	41.12 2.85 0.00	30.51 2.35 0.00	25.99 2.14 -0.04	25.04 1.90 0.00	23.11 1.70 0.00
FRANKLIN_FALL_HYD 24054	17.17 -0.04 0.00	27.14 -0.19 -14.63	50.05 -0.15 -37.72	46.18 -0.15 -35.28	35.69 -0.08 -25.91	16.04 -0.07 0.00	38.89 0.10 -18.93	74.06 0.14 -49.70	38.73 0.12 -14.70	19.23 0.00 0.00	21.02 0.05 0.00	20.28 -0.11 0.00	17.92 -0.26 -0.01	20.23 -0.33 0.00	24.05 -0.24 0.00	26.92 0.09 0.00	41.53 0.66 0.00	61.59 1.64 0.00	64.91 1.50 0.00	63.39 0.34 -24.78	81.78 0.01 -53.61	72.68 -0.12 -48.97	70.95 -0.21 -48.02	56.15 -0.25 -34.99
FREEPORT_EQUS_GT1 23764	19.45 1.45 -0.79	14.80 1.13 -0.98	13.54 1.05 0.00	11.92 0.87 0.00	10.53 0.67 0.00	17.19 1.09 0.00	21.12 1.26 0.00	25.89 1.68 0.00	25.52 1.61 0.00	20.54 1.31 0.00	22.69 1.53 -0.19	22.98 1.70 -0.89	24.24 1.57 -4.50	24.92 1.90 -2.46	29.65 2.08 -3.28	38.33 1.89 -9.61	43.45 2.58 0.00	63.43 3.47 0.00	67.18 3.77 0.00	40.69 2.42 0.00	30.30 2.14 0.00	25.85 2.00 -0.04	24.90 1.76 0.00	22.99 1.59 0.00
FREEPORT___CT2 23818	19.45 1.45 -0.79	14.80 1.13 -0.98	13.54 1.05 0.00	11.92 0.87 0.00	10.53 0.67 0.00	17.19 1.09 0.00	21.12 1.26 0.00	25.89 1.68 0.00	25.52 1.61 0.00	20.54 1.31 0.00	22.69 1.53 -0.19	22.98 1.70 -0.89	24.24 1.57 -4.50	24.92 1.90 -2.46	29.65 2.08 -3.28	38.33 1.89 -9.61	43.45 2.58 0.00	63.43 3.47 0.00	67.18 3.77 0.00	40.69 2.42 0.00	30.30 2.14 0.00	25.85 2.00 -0.04	24.90 1.76 0.00	22.99 1.59 0.00
FRESHKLS_33_KV_LOAD 356253	18.76 1.23 -0.32	13.65 0.96 0.00	13.39 0.91 0.00	11.85 0.80 0.00	10.54 0.68 0.00	17.29 1.18 0.00	21.36 1.50 0.00	26.20 1.98 0.00	25.92 2.02 0.00	20.86 1.63 0.00	22.92 1.77 -0.19	23.08 1.79 -0.89	24.25 1.57 -4.52	24.88 1.85 -2.47	29.75 2.17 -3.29	38.48 2.01 -9.64	43.66 2.79 0.00	64.26 4.30 0.00	68.02 4.61 0.00	41.13 2.86 0.00	30.55 2.39 0.00	25.89 2.04 -0.04	24.98 1.85 0.00	23.05 1.65 0.00
FULTON COGEN____ 23766	16.78 -0.43 0.00	12.36 -0.33 0.00	12.14 -0.34 0.00	10.76 -0.30 0.00	9.60 -0.26 0.00	15.67 -0.43 0.00	19.32 -0.54 0.00	24.13 -0.52 -0.44	24.12 -0.25 -0.46	18.64 -0.59 0.00	20.32 -0.65 0.00	19.74 -0.66 0.00	17.60 -0.66 0.00	19.91 -0.52 0.00	23.77 -0.82 0.00	26.01 -0.82 0.00	39.77 -1.10 0.00	58.37 -1.59 0.00	61.67 -1.74 0.00	37.22 -1.06 0.00	27.34 -0.82 0.00	23.11 -0.71 0.00	22.47 -0.66 0.00	20.86 -0.55 0.00
FULTON___LFGE 323630	18.16 0.87 -0.08	13.31 0.62 0.00	13.08 0.60 0.00	11.58 0.53 0.00	10.35 0.49 0.00	16.95 0.84 0.00	21.00 1.14 0.00	25.62 1.41 0.00	25.24 1.34 0.00	20.18 0.95 0.00	21.61 0.59 -0.05	21.06 0.42 -0.24	19.71 0.35 -1.20	21.60 0.38 -0.66	25.65 0.49 -0.87	30.37 1.00 -2.55	43.15 2.28 0.00	63.57 3.62 0.00	67.11 3.71 0.00	40.39 2.12 0.00	29.62 1.46 0.00	25.04 1.21 -0.01	24.25 1.11 0.00	22.41 1.01 0.00
G.F.CEMENT___DRP 24184	18.34 1.03 -0.10	13.39 0.70 0.00	13.16 0.68 0.00	11.65 0.60 0.00	10.40 0.54 0.00	17.12 1.02 0.00	21.21 1.35 0.00	25.89 1.68 0.00	25.57 1.66 0.00	20.48 1.25 0.00	22.22 1.19 -0.06	21.71 1.04 -0.27	20.38 0.84 -1.37	22.32 1.01 -0.75	26.63 1.34 -1.00	31.29 1.54 -2.93	43.37 2.50 0.00	63.37 3.42 0.00	67.14 3.73 0.00	40.56 2.29 0.00	29.78 1.62 0.00	25.19 1.36 -0.01	24.46 1.32 0.00	22.56 1.15 0.00
GARDENVILLE___LBMP 24039	15.83 -1.38 0.00	11.61 -1.08 0.00	11.34 -1.14 0.00	10.05 -1.00 0.00	9.06 -0.80 0.00	14.82 -1.29 0.00	18.29 -1.57 0.00	22.24 -1.97 0.00	21.96 -1.95 0.00	17.64 -1.59 0.00	19.65 -1.31 0.00	19.10 -1.30 0.00	17.03 -1.13 0.00	19.25 -1.31 0.00	22.62 -1.67 0.00	24.88 -1.95 0.00	38.14 -2.73 0.00	55.94 -4.01 0.00	58.82 -4.58 0.00	35.61 -2.66 0.00	26.00 -2.16 0.00	22.04 -1.78 0.00	21.65 -1.49 0.00	19.90 -1.51 0.00
GARDNVLA_35_KV_LD 355827	15.90 -1.31 0.00	11.66 -1.03 0.00	11.39 -1.09 0.00	10.09 -0.96 0.00	9.09 -0.76 0.00	14.89 -1.22 0.00	18.39 -1.47 0.00	22.36 -1.85 0.00	22.07 -1.84 0.00	17.74 -1.49 0.00	19.76 -1.21 0.00	19.19 -1.21 0.00	17.12 -1.05 0.00	19.35 -1.21 0.00	22.75 -1.54 0.00	25.04 -1.79 0.00	38.38 -2.49 0.00	56.27 -3.68 0.00	59.16 -4.25 0.00	35.84 -2.43 0.00	26.15 -2.00 0.00	22.17 -1.65 0.00	21.77 -1.37 0.00	20.01 -1.40 0.00
GELCKHM___115KV_LOAD 80723	16.88 -0.33 0.00	12.42 -0.26 0.00	12.21 -0.27 0.00	10.82 -0.23 0.00	9.65 -0.21 0.00	15.77 -0.34 0.00	19.43 -0.42 0.00	23.79 -0.42 0.00	23.51 -0.40 0.00	18.76 -0.47 0.00	20.47 -0.50 0.00	19.92 -0.48 0.00	17.76 -0.41 0.00	20.09 -0.47 0.00	23.84 -0.45 0.00	26.23 -0.60 0.00	40.07 -0.80 0.00	58.78 -1.18 0.00	62.08 -1.32 0.00	37.46 -0.81 0.00	27.51 -0.65 0.00	23.26 -0.55 0.00	22.62 -0.52 0.00	20.97 -0.43 0.00
GENERAL___MILLS 23808	15.89 -1.32 0.00	11.65 -1.04 0.00	11.38 -1.10 0.00	10.08 -0.97 0.00	9.09 -0.78 0.00	14.87 -1.24 0.00	18.36 -1.50 0.00	22.33 -1.88 0.00	22.04 -1.86 0.00	17.71 -1.52 0.00	19.73 -1.25 0.00	19.16 -1.24 0.00	17.09 -1.08 0.00	19.32 -1.24 0.00	22.70 -1.59 0.00	24.99 -1.84 0.00	38.30 -2.57 0.00	56.14 -3.81 0.00	59.03 -4.37 0.00	35.76 -2.51 0.00	26.10 -2.06 0.00	22.12 -1.69 0.00	21.73 -1.41 0.00	19.97 -1.43 0.00
GE_PLASTICS___DRP 24183	17.81 0.51 -0.10	13.10 0.40 0.00	12.90 0.41 0.00	11.41 0.36 0.00	10.17 0.31 0.00	16.59 0.49 0.00	20.44 0.59 0.00	24.99 0.77 0.00	24.69 0.79 0.00	19.86 0.63 0.00	21.64 0.62 -0.06	21.25 0.58 -0.27	20.06 0.52 -1.37	21.91 0.60 -0.75	26.03 0.75 -1.00	30.56 0.81 -2.92	41.99 1.12 0.00	61.54 1.59 0.00	65.11 1.71 0.00	39.35 1.08 0.00	29.02 0.86 0.00	24.56 0.73 -0.01	23.81 0.67 0.00	21.99 0.58 0.00
GILBOA___1 23756	17.73 0.43 -0.09	13.04 0.35 0.00	12.87 0.39 0.00	11.40 0.34 0.00	10.14 0.28 0.00	16.50 0.40 0.00	20.30 0.45 0.00	24.82 0.61 0.00	24.54 0.63 0.00	19.73 0.50 0.00	21.55 0.53 -0.06	21.17 0.51 -0.26	19.96 0.45 -1.34	21.83 0.54 -0.73	25.92 0.66 -0.97	30.32 0.64 -2.85	41.64 0.78 0.00	60.96 1.01 0.00	64.50 1.10 0.00	39.03 0.76 0.00	28.83 0.67 0.00	24.42 0.59 -0.01	23.68 0.54 0.00	21.87 0.46 0.00
GILBOA___2 23757	17.73 0.43 -0.09	13.04 0.35 0.00	12.87 0.39 0.00	11.40 0.34 0.00	10.14 0.28 0.00	16.50 0.40 0.00	20.30 0.45 0.00	24.82 0.61 0.00	24.54 0.63 0.00	19.73 0.50 0.00	21.55 0.53 -0.06	21.17 0.51 -0.26	19.96 0.45 -1.34	21.83 0.54 -0.73	25.92 0.66 -0.97	30.32 0.64 -2.85	41.64 0.78 0.00	60.96 1.01 0.00	64.50 1.10 0.00	39.03 0.76 0.00	28.83 0.67 0.00	24.42 0.59 -0.01	23.68 0.54 0.00	21.87 0.46 0.00

GILBOA___3 23758	17.73 0.43 -0.09	13.04 0.35 0.00	12.87 0.39 0.00	11.40 0.34 0.00	10.14 0.28 0.00	16.50 0.40 0.00	20.30 0.45 0.00	24.82 0.61 0.00	24.54 0.63 0.00	19.73 0.50 0.00	21.55 0.53 -0.06	21.17 0.51 -0.26	19.96 0.45 -1.34	21.83 0.54 -0.73	25.92 0.66 -0.97	30.32 0.64 -2.85	41.64 0.78 0.00	60.96 1.01 0.00	64.50 1.10 0.00	39.03 0.76 0.00	28.83 0.67 0.00	24.42 0.59 -0.01	23.68 0.54 0.00	21.87 0.46 0.00
GILBOA___4 23759	17.73 0.43 -0.09	13.04 0.35 0.00	12.87 0.39 0.00	11.40 0.34 0.00	10.14 0.28 0.00	16.50 0.40 0.00	20.30 0.45 0.00	24.82 0.61 0.00	24.54 0.63 0.00	19.73 0.50 0.00	21.55 0.53 -0.06	21.17 0.51 -0.26	19.96 0.45 -1.34	21.83 0.54 -0.73	25.92 0.66 -0.97	30.32 0.64 -2.85	41.64 0.78 0.00	60.96 1.01 0.00	64.50 1.10 0.00	39.03 0.76 0.00	28.83 0.67 0.00	24.42 0.59 -0.01	23.68 0.54 0.00	21.87 0.46 0.00
GILBOA___ 23599	17.74 0.43 -0.09	13.04 0.35 0.00	12.87 0.39 0.00	11.40 0.34 0.00	10.14 0.28 0.00	16.50 0.40 0.00	20.30 0.45 0.00	24.82 0.61 0.00	24.54 0.63 0.00	19.73 0.50 0.00	21.55 0.53 -0.06	21.17 0.51 -0.26	19.96 0.45 -1.34	21.83 0.54 -0.73	25.92 0.66 -0.97	30.33 0.64 -2.85	41.64 0.78 0.00	60.96 1.01 0.00	64.52 1.11 0.00	39.03 0.76 0.00	28.83 0.67 0.00	24.41 0.58 -0.01	23.68 0.54 0.00	21.87 0.46 0.00
GINNA___ 23603	15.68 -1.53 0.00	11.53 -1.16 0.00	11.31 -1.17 0.00	10.01 -1.04 0.00	8.98 -0.88 0.00	14.71 -1.39 0.00	18.18 -1.68 0.00	22.15 -2.06 0.00	21.81 -2.10 0.00	17.51 -1.72 0.00	19.30 -1.67 0.00	18.80 -1.60 0.00	16.73 -1.43 0.00	18.94 -1.62 0.00	22.34 -1.94 0.00	24.72 -2.10 0.00	37.81 -3.06 0.00	55.44 -4.51 0.00	58.34 -5.06 0.00	35.26 -3.01 0.00	25.81 -2.35 0.00	21.82 -2.00 0.00	21.29 -1.84 0.00	19.67 -1.73 0.00
GLEN PARK___ 23778	16.82 -0.38 0.00	14.46 -0.31 -2.08	17.48 -0.36 -5.36	15.77 -0.30 -5.01	13.35 -0.19 -3.68	15.80 -0.31 0.00	22.57 0.02 -2.69	31.72 0.32 -7.18	26.44 0.35 -2.19	19.11 -0.12 0.00	20.62 -0.35 0.00	19.70 -0.70 0.00	17.58 -0.59 0.00	19.76 -0.80 0.00	23.64 -0.64 0.00	26.53 -0.30 0.00	41.88 1.02 0.00	62.09 2.14 0.00	64.80 1.40 0.00	41.91 0.12 -3.52	35.46 -0.32 -7.62	30.34 -0.43 -6.96	29.42 -0.54 -6.82	25.81 -0.56 -4.97
GLENDALE_27_KV_LOAD 356172	18.72 1.19 -0.32	13.61 0.93 0.00	13.36 0.87 0.00	11.82 0.77 0.00	10.51 0.65 0.00	17.23 1.12 0.00	21.29 1.43 0.00	26.13 1.92 0.00	25.91 2.00 0.00	20.88 1.65 0.00	22.95 1.79 -0.19	23.12 1.82 -0.89	24.30 1.62 -4.52	24.94 1.91 -2.47	29.84 2.26 -3.29	38.65 2.18 -9.64	43.93 3.06 0.00	64.53 4.58 0.00	68.32 4.91 0.00	41.22 2.95 0.00	30.50 2.34 0.00	25.84 1.99 -0.04	24.94 1.80 0.00	22.97 1.56 0.00
GLENWOOD_IC_1_G5 23712	19.28 1.28 -0.79	14.67 1.00 -0.98	13.43 0.94 0.00	11.85 0.80 0.00	10.50 0.64 0.00	17.17 1.07 0.00	21.15 1.29 0.00	25.94 1.72 0.00	25.68 1.77 0.00	20.67 1.45 0.00	22.80 1.64 -0.19	23.03 1.74 -0.89	24.25 1.57 -4.50	24.91 1.88 -2.46	29.71 2.14 -3.28	38.47 2.03 -9.61	43.69 2.82 0.00	63.96 4.01 0.00	67.73 4.32 0.00	40.92 2.65 0.00	30.29 2.13 0.00	25.76 1.91 -0.04	24.84 1.71 0.00	22.92 1.52 0.00
GLENWOOD_IC_2_G1 23688	19.18 1.18 -0.79	14.59 0.92 -0.98	13.35 0.87 0.00	11.79 0.74 0.00	10.46 0.60 0.00	17.12 1.02 0.00	21.10 1.25 0.00	25.88 1.67 0.00	25.62 1.72 0.00	20.63 1.40 0.00	22.73 1.57 -0.19	22.93 1.64 -0.89	24.15 1.47 -4.50	24.79 1.76 -2.46	29.59 2.03 -3.28	38.37 1.93 -9.61	43.56 2.69 0.00	63.81 3.86 0.00	67.59 4.18 0.00	40.81 2.55 0.00	30.21 2.05 0.00	25.66 1.81 -0.04	24.76 1.62 0.00	22.84 1.44 0.00
GLENWOOD_IC_3_G1 23689	19.18 1.18 -0.79	14.59 0.92 -0.98	13.35 0.87 0.00	11.79 0.74 0.00	10.46 0.60 0.00	17.12 1.02 0.00	21.10 1.25 0.00	25.88 1.67 0.00	25.62 1.72 0.00	20.63 1.40 0.00	22.73 1.57 -0.19	22.93 1.64 -0.89	24.15 1.47 -4.50	24.79 1.76 -2.46	29.59 2.03 -3.28	38.37 1.93 -9.61	43.56 2.69 0.00	63.81 3.86 0.00	67.59 4.18 0.00	40.81 2.55 0.00	30.21 2.05 0.00	25.66 1.81 -0.04	24.76 1.62 0.00	22.84 1.44 0.00
GLENWOOD___4 23550	19.28 1.28 -0.79	14.67 1.00 -0.98	13.43 0.94 0.00	11.85 0.80 0.00	10.50 0.64 0.00	17.17 1.07 0.00	21.15 1.29 0.00	25.94 1.72 0.00	25.68 1.77 0.00	20.67 1.45 0.00	22.80 1.64 -0.19	23.03 1.74 -0.89	24.25 1.57 -4.50	24.91 1.88 -2.46	29.71 2.14 -3.28	38.47 2.03 -9.61	43.69 2.82 0.00	63.96 4.01 0.00	67.73 4.32 0.00	40.92 2.65 0.00	30.29 2.13 0.00	25.76 1.91 -0.04	24.84 1.71 0.00	22.92 1.52 0.00
GLENWOOD___5 23614	19.28 1.28 -0.79	14.67 1.00 -0.98	13.43 0.94 0.00	11.85 0.80 0.00	10.50 0.64 0.00	17.17 1.07 0.00	21.15 1.29 0.00	25.94 1.72 0.00	25.68 1.77 0.00	20.67 1.45 0.00	22.80 1.64 -0.19	23.03 1.74 -0.89	24.25 1.57 -4.50	24.91 1.88 -2.46	29.71 2.14 -3.28	38.47 2.03 -9.61	43.69 2.82 0.00	63.96 4.01 0.00	67.73 4.32 0.00	40.92 2.65 0.00	30.29 2.13 0.00	25.76 1.91 -0.04	24.84 1.71 0.00	22.92 1.52 0.00
GLOBAL GREEN_PORT_GT1 23814	19.91 1.91 -0.79	15.17 1.50 -0.98	13.90 1.41 0.00	12.16 1.11 0.00	10.66 0.80 0.00	17.08 0.98 0.00	20.86 1.00 0.00	25.64 1.43 0.00	25.30 1.40 0.00	20.30 1.07 0.00	22.28 1.12 -0.19	22.54 1.24 -0.89	23.79 1.11 -4.50	24.49 1.47 -2.46	29.17 1.60 -3.28	37.94 1.51 -9.61	42.95 2.08 0.00	62.13 2.18 0.00	66.11 2.70 0.00	40.02 1.75 0.00	29.71 1.56 0.00	25.35 1.50 -0.04	24.39 1.26 0.00	22.54 1.13 0.00
GLOBE___DSASP 323697	15.22 -1.99 0.00	11.20 -1.50 0.00	10.94 -1.55 0.00	9.68 -1.37 0.00	8.74 -1.12 0.00	14.29 -1.81 0.00	17.63 -2.23 0.00	21.40 -2.82 0.00	21.06 -2.84 0.00	16.98 -2.25 0.00	18.98 -1.99 0.00	18.46 -1.94 0.00	16.49 -1.68 0.00	18.60 -1.97 0.00	21.81 -2.47 0.00	24.01 -2.82 0.00	36.61 -4.26 0.00	53.51 -6.44 0.00	56.03 -7.37 0.00	34.11 -4.16 0.00	25.01 -3.15 0.00	21.25 -2.57 0.00	20.94 -2.20 0.00	19.28 -2.12 0.00
GOETHSLN___LBMP 323567	18.61 1.08 -0.32	13.54 0.85 0.00	13.29 0.80 0.00	11.76 0.71 0.00	10.46 0.60 0.00	17.14 1.04 0.00	21.18 1.32 0.00	25.99 1.77 0.00	25.74 1.83 0.00	20.73 1.50 0.00	22.80 1.64 -0.19	22.95 1.66 -0.89	24.15 1.46 -4.52	24.78 1.74 -2.47	29.63 2.05 -3.29	38.44 1.97 -9.64	43.62 2.75 0.00	64.09 4.14 0.00	67.89 4.48 0.00	40.93 2.66 0.00	30.26 2.10 0.00	25.66 1.81 -0.04	24.79 1.65 0.00	22.85 1.45 0.00
GOLAH___69_KV_TB 1_2 80279	16.28 -0.93 0.00	11.97 -0.72 0.00	11.72 -0.77 0.00	10.37 -0.68 0.00	9.32 -0.54 0.00	15.26 -0.85 0.00	18.88 -0.98 0.00	23.00 -1.22 0.00	22.62 -1.29 0.00	18.17 -1.06 0.00	20.07 -0.89 0.00	19.57 -0.83 0.00	17.41 -0.76 0.00	19.68 -0.88 0.00	23.18 -1.11 0.00	25.62 -1.21 0.00	39.30 -1.57 0.00	57.69 -2.26 0.00	60.69 -2.72 0.00	36.70 -1.57 0.00	26.86 -1.30 0.00	22.72 -1.09 0.00	22.23 -0.91 0.00	20.50 -0.91 0.00

GOODYEAR_LAKE_HYD 323669	17.49 0.28 0.00	12.89 0.20 0.00	12.69 0.20 0.00	11.25 0.19 0.00	10.04 0.18 0.00	16.39 0.29 0.00	20.26 0.40 0.00	24.75 0.54 0.00	24.46 0.55 0.00	19.63 0.40 0.00	21.40 0.43 0.00	20.81 0.41 0.00	18.54 0.37 0.00	20.98 0.42 0.00	24.78 0.49 0.00	27.35 0.52 0.00	41.71 0.85 0.00	61.13 1.18 0.00	64.65 1.24 0.00	39.00 0.73 0.00	28.62 0.46 0.00	24.21 0.39 0.00	23.50 0.36 0.00	21.71 0.30 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	17.03 -0.17 0.00	12.52 -0.17 0.00	12.29 -0.19 0.00	10.91 -0.14 0.00	9.73 -0.13 0.00	15.90 -0.20 0.00	19.59 -0.27 0.00	23.97 -0.24 0.00	23.72 -0.19 0.00	19.04 -0.19 0.00	20.85 -0.12 0.00	20.30 -0.10 0.00	18.08 -0.09 0.00	20.49 -0.07 0.00	24.20 -0.09 0.00	26.53 -0.30 0.00	40.51 -0.36 0.00	59.43 -0.52 0.00	62.93 -0.47 0.00	37.92 -0.35 0.00	27.80 -0.36 0.00	23.55 -0.26 0.00	22.94 -0.20 0.00	21.18 -0.22 0.00
GOUDEY___7 23579	17.03 -0.17 0.00	12.52 -0.17 0.00	12.29 -0.19 0.00	10.91 -0.14 0.00	9.73 -0.13 0.00	15.90 -0.20 0.00	19.59 -0.27 0.00	23.97 -0.24 0.00	23.72 -0.19 0.00	19.04 -0.19 0.00	20.85 -0.12 0.00	20.30 -0.10 0.00	18.08 -0.09 0.00	20.49 -0.07 0.00	24.20 -0.09 0.00	26.53 -0.30 0.00	40.51 -0.36 0.00	59.43 -0.52 0.00	62.93 -0.47 0.00	37.92 -0.35 0.00	27.80 -0.36 0.00	23.55 -0.26 0.00	22.94 -0.20 0.00	21.18 -0.22 0.00
GOUDEY___8 23580	17.03 -0.17 0.00	12.52 -0.17 0.00	12.29 -0.19 0.00	10.91 -0.14 0.00	9.73 -0.13 0.00	15.90 -0.20 0.00	19.59 -0.27 0.00	23.97 -0.24 0.00	23.72 -0.19 0.00	19.04 -0.19 0.00	20.85 -0.12 0.00	20.30 -0.10 0.00	18.08 -0.09 0.00	20.49 -0.07 0.00	24.20 -0.09 0.00	26.53 -0.30 0.00	40.51 -0.36 0.00	59.43 -0.52 0.00	62.93 -0.47 0.00	37.92 -0.35 0.00	27.80 -0.36 0.00	23.55 -0.26 0.00	22.94 -0.20 0.00	21.18 -0.22 0.00
GOWANUS_GT1_1 24077	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.64 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.91 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.78 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.92 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.17 4.77 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT1_2 24078	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.64 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.91 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.78 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.92 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.17 4.77 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT1_3 24079	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.64 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.91 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.78 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.92 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.17 4.77 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT1_4 24080	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.64 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.91 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.78 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.92 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.17 4.77 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT1_5 24084	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.64 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.91 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.78 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.92 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.17 4.77 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT1_6 24111	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.64 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.91 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.78 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.92 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.17 4.77 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT1_7 24112	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.64 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.91 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.78 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.92 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.17 4.77 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT1_8 24113	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.64 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.91 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.78 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.92 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.17 4.77 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT2_1 24114	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.12 1.90 0.00	25.88 1.97 0.00	20.83 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.27 1.58 -4.52	24.90 1.87 -2.47	29.78 2.20 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.12 4.72 0.00	41.16 2.88 0.00	30.49 2.33 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.97 1.56 0.00
GOWANUS_GT2_2 24115	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.12 1.90 0.00	25.88 1.97 0.00	20.83 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.27 1.58 -4.52	24.90 1.87 -2.47	29.78 2.20 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.12 4.72 0.00	41.16 2.88 0.00	30.49 2.33 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.97 1.56 0.00
GOWANUS_GT2_3 24116	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.12 1.90 0.00	25.88 1.97 0.00	20.83 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.27 1.58 -4.52	24.90 1.87 -2.47	29.78 2.20 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.12 4.72 0.00	41.16 2.88 0.00	30.49 2.33 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.97 1.56 0.00

GOWANUS_GT2_4 24117	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.12 1.90 0.00	25.88 1.97 0.00	20.83 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.27 1.58 -4.52	24.90 1.87 -2.47	29.78 2.20 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.12 4.72 0.00	41.16 2.88 0.00	30.49 2.33 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.97 1.56 0.00
GOWANUS_GT2_5 24118	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.12 1.90 0.00	25.88 1.97 0.00	20.83 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.27 1.58 -4.52	24.90 1.87 -2.47	29.78 2.20 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.12 4.72 0.00	41.16 2.88 0.00	30.49 2.33 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.97 1.56 0.00
GOWANUS_GT2_6 24119	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.12 1.90 0.00	25.88 1.97 0.00	20.83 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.27 1.58 -4.52	24.90 1.87 -2.47	29.78 2.20 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.12 4.72 0.00	41.16 2.88 0.00	30.49 2.33 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.97 1.56 0.00
GOWANUS_GT2_7 24120	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.12 1.90 0.00	25.88 1.97 0.00	20.83 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.27 1.58 -4.52	24.90 1.87 -2.47	29.78 2.20 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.12 4.72 0.00	41.16 2.88 0.00	30.49 2.33 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.97 1.56 0.00
GOWANUS_GT2_8 24121	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.12 1.90 0.00	25.88 1.97 0.00	20.83 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.27 1.58 -4.52	24.90 1.87 -2.47	29.78 2.20 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.12 4.72 0.00	41.16 2.88 0.00	30.49 2.33 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.97 1.56 0.00
GOWANUS_GT3_1 24122	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT3_2 24123	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT3_3 24124	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT3_4 24125	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT3_5 24126	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT3_6 24127	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT3_7 24128	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT3_8 24129	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GOWANUS_GT4_1 24130	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.11 1.90 0.00	25.88 1.97 0.00	20.84 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.26 1.58 -4.52	24.91 1.87 -2.47	29.78 2.21 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.13 4.73 0.00	41.15 2.88 0.00	30.48 2.32 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.96 1.56 0.00
GOWANUS_GT4_2 24131	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.11 1.90 0.00	25.88 1.97 0.00	20.84 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.26 1.58 -4.52	24.91 1.87 -2.47	29.78 2.21 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.13 4.73 0.00	41.15 2.88 0.00	30.48 2.32 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.96 1.56 0.00

GOWANUS_GT4_3 24132	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.11 1.90 0.00	25.88 1.97 0.00	20.84 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.26 1.58 -4.52	24.91 1.87 -2.47	29.78 2.21 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.13 4.73 0.00	41.15 2.88 0.00	30.48 2.32 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.96 1.56 0.00
GOWANUS_GT4_4 24133	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.11 1.90 0.00	25.88 1.97 0.00	20.84 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.26 1.58 -4.52	24.91 1.87 -2.47	29.78 2.21 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.13 4.73 0.00	41.15 2.88 0.00	30.48 2.32 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.96 1.56 0.00
GOWANUS_GT4_5 24134	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.11 1.90 0.00	25.88 1.97 0.00	20.84 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.26 1.58 -4.52	24.91 1.87 -2.47	29.78 2.21 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.13 4.73 0.00	41.15 2.88 0.00	30.48 2.32 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.96 1.56 0.00
GOWANUS_GT4_6 24135	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.11 1.90 0.00	25.88 1.97 0.00	20.84 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.26 1.58 -4.52	24.91 1.87 -2.47	29.78 2.21 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.13 4.73 0.00	41.15 2.88 0.00	30.48 2.32 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.96 1.56 0.00
GOWANUS_GT4_7 24136	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.11 1.90 0.00	25.88 1.97 0.00	20.84 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.26 1.58 -4.52	24.91 1.87 -2.47	29.78 2.21 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.13 4.73 0.00	41.15 2.88 0.00	30.48 2.32 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.96 1.56 0.00
GOWANUS_GT4_8 24137	18.70 1.17 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.81 0.75 0.00	10.50 0.64 0.00	17.21 1.11 0.00	21.27 1.42 0.00	26.11 1.90 0.00	25.88 1.97 0.00	20.84 1.61 0.00	22.92 1.76 -0.19	23.08 1.79 -0.89	24.26 1.58 -4.52	24.91 1.87 -2.47	29.78 2.21 -3.29	38.56 2.09 -9.64	43.80 2.93 0.00	64.37 4.42 0.00	68.13 4.73 0.00	41.15 2.88 0.00	30.48 2.32 0.00	25.81 1.96 -0.04	24.91 1.77 0.00	22.96 1.56 0.00
GREENBSH_115KV_TB3 55895	17.83 0.52 -0.10	13.11 0.42 0.00	12.92 0.43 0.00	11.43 0.38 0.00	10.18 0.32 0.00	16.62 0.52 0.00	20.46 0.61 0.00	25.02 0.81 0.00	24.73 0.82 0.00	19.89 0.66 0.00	21.67 0.64 -0.06	21.29 0.61 -0.28	20.16 0.56 -1.43	21.97 0.63 -0.78	26.12 0.79 -1.04	30.73 0.85 -3.05	42.04 1.17 0.00	61.60 1.65 0.00	65.20 1.79 0.00	39.40 1.13 0.00	29.06 0.90 0.00	24.58 0.76 -0.01	23.83 0.69 0.00	22.00 0.60 0.00
GREENIDGE_115KV_TB5 80291	16.68 -0.53 0.00	12.22 -0.47 0.00	11.98 -0.51 0.00	10.65 -0.40 0.00	9.51 -0.34 0.00	15.60 -0.51 0.00	19.28 -0.58 0.00	23.60 -0.62 0.00	23.25 -0.66 0.00	18.50 -0.73 0.00	20.23 -0.74 0.00	19.70 -0.70 0.00	17.49 -0.68 0.00	19.81 -0.75 0.00	23.51 -0.78 0.00	25.89 -0.94 0.00	39.70 -1.17 0.00	58.60 -1.35 0.00	61.85 -1.56 0.00	37.27 -1.00 0.00	27.39 -0.77 0.00	23.04 -0.78 0.00	22.45 -0.69 0.00	20.68 -0.72 0.00
GREENIDGE___3 23582	16.68 -0.53 0.00	12.22 -0.47 0.00	11.98 -0.51 0.00	10.65 -0.40 0.00	9.51 -0.34 0.00	15.60 -0.51 0.00	19.28 -0.58 0.00	23.60 -0.62 0.00	23.25 -0.66 0.00	18.50 -0.73 0.00	20.23 -0.74 0.00	19.70 -0.70 0.00	17.49 -0.68 0.00	19.81 -0.75 0.00	23.51 -0.78 0.00	25.89 -0.94 0.00	39.70 -1.17 0.00	58.60 -1.35 0.00	61.85 -1.56 0.00	37.27 -1.00 0.00	27.39 -0.77 0.00	23.04 -0.78 0.00	22.45 -0.69 0.00	20.68 -0.72 0.00
GREENIDGE___4 23583	16.68 -0.53 0.00	12.22 -0.47 0.00	11.98 -0.51 0.00	10.65 -0.40 0.00	9.51 -0.34 0.00	15.60 -0.51 0.00	19.27 -0.59 0.00	23.59 -0.62 0.00	23.24 -0.66 0.00	18.50 -0.73 0.00	20.23 -0.74 0.00	19.71 -0.69 0.00	17.49 -0.68 0.00	19.82 -0.74 0.00	23.51 -0.78 0.00	25.88 -0.94 0.00	39.70 -1.17 0.00	58.59 -1.36 0.00	61.85 -1.55 0.00	37.28 -0.99 0.00	27.39 -0.77 0.00	23.03 -0.78 0.00	22.44 -0.69 0.00	20.69 -0.72 0.00
GREENLWN_69_KV_BK 3 55738	19.34 1.34 -0.79	14.72 1.06 -0.98	13.47 0.98 0.00	11.82 0.77 0.00	10.42 0.56 0.00	16.97 0.87 0.00	20.81 0.95 0.00	25.52 1.30 0.00	25.24 1.34 0.00	20.31 1.08 0.00	22.50 1.35 -0.19	22.85 1.56 -0.89	24.14 1.47 -4.50	24.80 1.78 -2.46	29.40 1.84 -3.28	38.02 1.59 -9.61	42.91 2.05 0.00	62.56 2.60 0.00	66.25 2.85 0.00	40.11 1.84 0.00	29.83 1.67 0.00	25.50 1.65 -0.04	24.57 1.43 0.00	22.73 1.32 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.64 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.91 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.78 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.92 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.17 4.77 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
GRISSOM___SOLAR 323813	18.18 0.88 -0.09	13.33 0.64 0.00	13.10 0.62 0.00	11.59 0.54 0.00	10.35 0.49 0.00	16.96 0.86 0.00	21.00 1.14 0.00	25.63 1.42 0.00	25.26 1.35 0.00	20.19 0.96 0.00	21.55 0.53 -0.05	21.01 0.37 -0.24	19.67 0.30 -1.21	21.53 0.31 -0.66	25.61 0.44 -0.88	30.38 0.97 -2.58	43.12 2.25 0.00	63.52 3.57 0.00	67.10 3.69 0.00	40.41 2.14 0.00	29.65 1.49 0.00	25.06 1.23 -0.01	24.28 1.15 0.00	22.43 1.02 0.00
GROVEVILLE___HYD 323602	18.22 1.07 0.06	13.52 0.83 0.00	13.27 0.79 0.00	11.75 0.70 0.00	10.45 0.60 0.00	17.13 1.03 0.00	21.17 1.32 0.00	25.96 1.75 0.00	25.68 1.78 0.00	20.65 1.43 0.00	22.46 1.53 0.03	21.73 1.49 0.16	18.64 1.29 0.81	21.64 1.52 0.44	25.54 1.84 0.59	26.95 1.86 1.73	43.57 2.71 0.00	63.99 4.04 0.00	67.80 4.39 0.00	40.88 2.61 0.00	30.21 2.05 0.00	25.57 1.77 0.01	24.75 1.61 0.00	22.80 1.40 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	16.99 -0.22 0.00	12.50 -0.19 0.00	12.28 -0.20 0.00	10.88 -0.17 0.00	9.71 -0.15 0.00	15.87 -0.24 0.00	19.56 -0.30 0.00	24.07 -0.14 0.00	23.80 -0.11 0.00	18.84 -0.39 0.00	20.54 -0.43 0.00	19.99 -0.41 0.00	17.82 -0.34 0.00	20.16 -0.40 0.00	24.06 -0.23 0.00	26.39 -0.43 0.00	40.33 -0.54 0.00	59.18 -0.77 0.00	62.51 -0.89 0.00	37.71 -0.56 0.00	27.69 -0.47 0.00	23.41 -0.40 0.00	22.76 -0.37 0.00	21.10 -0.31 0.00

HAMLTNNY_34_KV_TB 80303	16.99 -0.22 0.00	12.48 -0.21 0.00	12.26 -0.22 0.00	10.87 -0.18 0.00	9.70 -0.16 0.00	15.85 -0.25 0.00	19.55 -0.31 0.00	24.17 -0.04 0.00	23.85 -0.05 0.00	18.79 -0.44 0.00	20.49 -0.48 0.00	19.94 -0.46 0.00	17.77 -0.39 0.00	20.11 -0.45 0.00	24.09 -0.20 0.00	26.38 -0.45 0.00	40.33 -0.54 0.00	59.16 -0.79 0.00	62.51 -0.90 0.00	37.70 -0.57 0.00	27.68 -0.48 0.00	23.41 -0.41 0.00	22.76 -0.37 0.00	21.09 -0.32 0.00
HAMPSHIRE___PAPER_HYD 323593	17.12 -0.09 0.00	18.03 -0.13 -5.47	26.44 -0.15 -14.11	24.12 -0.12 -13.19	19.50 -0.05 -9.69	16.08 -0.02 0.00	27.26 0.32 -7.08	43.49 0.61 -18.67	30.00 0.54 -5.55	19.25 0.02 0.00	20.83 -0.14 0.00	20.07 -0.33 0.00	17.82 -0.35 0.00	20.10 -0.46 0.00	24.05 -0.24 0.00	26.94 0.11 0.00	42.26 1.40 0.00	62.85 2.89 0.00	65.91 2.50 0.00	48.24 0.70 -9.27	48.32 0.11 -20.05	42.06 -0.08 -18.32	40.87 -0.23 -17.96	34.23 -0.26 -13.09
HARDSCRABBLE_WT_PWR 323673	17.54 0.34 0.00	12.97 0.28 0.00	12.75 0.26 0.00	11.31 0.25 0.00	10.07 0.21 0.00	16.48 0.37 0.00	20.36 0.50 0.00	24.88 0.66 0.00	24.52 0.61 0.00	19.66 0.43 0.00	21.09 0.11 0.00	20.45 0.05 0.00	18.19 0.02 0.00	20.55 -0.01 0.00	24.42 0.13 0.00	27.19 0.36 0.00	41.45 0.58 0.00	60.60 0.65 0.00	63.92 0.52 0.00	38.46 0.19 0.00	28.41 0.25 0.00	24.04 0.22 0.00	23.22 0.08 0.00	21.43 0.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.17 0.97 1.01	13.45 0.76 0.00	13.20 0.71 0.00	11.69 0.64 0.00	10.40 0.54 0.00	17.05 0.95 0.00	21.08 1.23 0.00	25.86 1.64 0.00	25.58 1.68 0.00	20.58 1.35 0.60	21.82 1.45 2.81	19.04 1.45 14.21	5.24 1.28 7.77	14.34 1.55 10.34	15.80 1.85 10.34	-1.65 1.84 30.31	43.52 2.65 0.00	63.97 4.01 0.00	67.87 4.46 0.00	40.89 2.62 0.00	30.12 1.96 0.00	25.37 1.67 0.11	24.65 1.52 0.00	22.72 1.31 0.00
HARSNRAD_115KV_TB1 81005	15.50 -1.71 0.00	11.39 -1.30 0.00	11.13 -1.35 0.00	9.85 -1.20 0.00	8.90 -0.96 0.00	14.55 -1.55 0.00	17.97 -1.89 0.00	21.83 -2.39 0.00	21.50 -2.41 0.00	17.29 -1.94 0.00	19.31 -1.66 0.00	18.78 -1.62 0.00	16.77 -1.40 0.00	18.92 -1.64 0.00	22.20 -2.09 0.00	24.46 -2.37 0.00	37.41 -3.46 0.00	54.78 -5.17 0.00	57.44 -5.97 0.00	34.90 -3.37 0.00	25.55 -2.61 0.00	21.67 -2.14 0.00	21.34 -1.80 0.00	19.61 -1.79 0.00
HARZA MOOSE___RIVER 24016	17.12 -0.09 0.00	14.14 -0.08 -1.52	16.31 -0.10 -3.93	14.65 -0.08 -3.67	12.52 -0.04 -2.70	16.09 -0.01 0.00	22.03 0.19 -1.98	29.95 0.45 -5.28	25.93 0.44 -1.59	19.38 0.15 0.00	20.98 0.02 0.00	20.30 -0.10 0.00	18.09 -0.08 0.00	20.37 -0.19 0.00	24.26 -0.03 0.00	27.04 0.21 0.00	41.90 1.03 0.00	61.86 1.90 0.00	64.84 1.44 0.00	41.20 0.35 -2.58	33.73 -0.01 -5.58	28.83 -0.09 -5.10	27.96 -0.18 -5.00	24.84 -0.21 -3.64
HDSNBRDG_115KV_BRDG_TB1 355580	16.87 -0.34 0.00	12.42 -0.27 0.00	12.21 -0.28 0.00	10.82 -0.23 0.00	9.65 -0.21 0.00	15.77 -0.34 0.00	19.43 -0.43 0.00	23.72 -0.49 0.00	23.44 -0.46 0.00	18.80 -0.43 0.00	20.52 -0.45 0.00	19.97 -0.43 0.00	17.81 -0.36 0.00	20.15 -0.41 0.00	23.81 -0.48 0.00	26.25 -0.58 0.00	40.09 -0.78 0.00	58.78 -1.17 0.00	62.10 -1.31 0.00	37.47 -0.80 0.00	27.52 -0.64 0.00	23.26 -0.55 0.00	22.63 -0.51 0.00	20.98 -0.43 0.00
HELLGATE_13_KV_LD 55870	18.65 1.12 -0.32	13.56 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.01 1.80 0.00	25.79 1.88 0.00	20.78 1.55 0.00	22.84 1.68 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.80 -2.47	29.70 2.12 -3.29	38.50 2.03 -9.64	43.69 2.82 0.00	64.15 4.20 0.00	67.90 4.49 0.00	41.00 2.73 0.00	30.34 2.18 0.00	25.71 1.86 -0.04	24.82 1.68 0.00	22.87 1.46 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.65 1.12 -0.32	13.56 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.01 1.80 0.00	25.79 1.88 0.00	20.78 1.55 0.00	22.84 1.68 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.80 -2.47	29.70 2.12 -3.29	38.50 2.03 -9.64	43.69 2.82 0.00	64.15 4.20 0.00	67.90 4.49 0.00	41.00 2.73 0.00	30.34 2.18 0.00	25.71 1.86 -0.04	24.82 1.68 0.00	22.87 1.46 0.00
HEMPSTEAD____ 23647	19.30 1.30 -0.79	14.69 1.02 -0.98	13.44 0.95 0.00	11.84 0.79 0.00	10.47 0.61 0.00	17.10 0.99 0.00	21.03 1.17 0.00	25.79 1.57 0.00	25.50 1.59 0.00	20.52 1.29 0.00	22.66 1.50 -0.19	22.94 1.65 -0.89	24.18 1.51 -4.50	24.85 1.83 -2.46	29.59 2.03 -3.28	38.29 1.85 -9.61	43.38 2.51 0.00	63.37 3.42 0.00	67.10 3.69 0.00	40.59 2.32 0.00	30.14 1.98 0.00	25.68 1.83 -0.04	24.75 1.61 0.00	22.85 1.45 0.00
HEWLETT_69_KV_BK3 55828	19.45 1.45 -0.79	14.80 1.13 -0.98	13.54 1.05 0.00	11.93 0.87 0.00	10.54 0.68 0.00	17.22 1.12 0.00	21.15 1.29 0.00	25.93 1.71 0.00	25.66 1.75 0.00	20.65 1.42 0.00	22.84 1.68 -0.19	23.13 1.84 -0.89	24.37 1.69 -4.50	25.07 2.04 -2.46	29.82 2.25 -3.28	38.52 2.09 -9.61	43.72 2.85 0.00	63.89 3.94 0.00	67.67 4.26 0.00	40.93 2.66 0.00	30.36 2.21 0.00	25.88 2.03 -0.04	24.94 1.80 0.00	23.02 1.62 0.00
HICKLING___1 23621	16.64 -0.57 0.00	12.17 -0.52 0.00	11.92 -0.56 0.00	10.62 -0.43 0.00	9.48 -0.38 0.00	15.53 -0.58 0.00	19.14 -0.71 0.00	23.42 -0.80 0.00	23.16 -0.74 0.00	18.52 -0.70 0.00	20.38 -0.59 0.00	19.83 -0.56 0.00	17.64 -0.52 0.00	20.04 -0.52 0.00	23.70 -0.59 0.00	25.89 -0.93 0.00	39.82 -1.05 0.00	58.54 -1.42 0.00	61.92 -1.49 0.00	37.21 -1.06 0.00	27.14 -1.02 0.00	22.97 -0.85 0.00	22.43 -0.71 0.00	20.65 -0.75 0.00
HICKLING___2 23622	16.64 -0.57 0.00	12.17 -0.52 0.00	11.92 -0.56 0.00	10.62 -0.43 0.00	9.48 -0.38 0.00	15.53 -0.58 0.00	19.14 -0.71 0.00	23.42 -0.80 0.00	23.16 -0.74 0.00	18.52 -0.70 0.00	20.38 -0.59 0.00	19.83 -0.56 0.00	17.64 -0.52 0.00	20.04 -0.52 0.00	23.70 -0.59 0.00	25.89 -0.93 0.00	39.82 -1.05 0.00	58.54 -1.42 0.00	61.92 -1.49 0.00	37.21 -1.06 0.00	27.14 -1.02 0.00	22.97 -0.85 0.00	22.43 -0.71 0.00	20.65 -0.75 0.00
HIGH FALLS___HY 23754	18.05 1.02 0.17	13.48 0.79 0.00	13.24 0.75 0.00	11.72 0.67 0.00	10.43 0.57 0.00	17.09 0.98 0.00	21.14 1.28 0.00	25.93 1.72 0.00	25.64 1.73 0.00	20.59 1.36 0.00	22.33 1.46 0.10	21.32 1.40 0.48	16.94 1.23 2.46	20.70 1.48 1.34	24.30 1.80 1.79	23.38 1.78 5.24	43.53 2.66 0.00	64.05 4.09 0.00	67.94 4.53 0.00	40.95 2.68 0.00	30.19 2.03 0.00	25.53 1.74 0.02	24.70 1.56 0.00	22.76 1.35 0.00
HIGH_RIVER___SOLAR 323847	17.97 0.67 -0.09	13.18 0.49 0.00	12.97 0.48 0.00	11.48 0.43 0.00	10.24 0.38 0.00	16.76 0.65 0.00	20.70 0.85 0.00	25.25 1.04 0.00	24.87 0.96 0.00	19.94 0.71 0.00	21.41 0.38 -0.05	20.89 0.24 -0.25	19.68 0.24 -1.27	21.55 0.29 -0.70	25.66 0.45 -0.93	30.38 0.84 -2.71	42.52 1.65 0.00	62.49 2.54 0.00	66.06 2.65 0.00	39.85 1.58 0.00	29.30 1.14 0.00	24.78 0.95 -0.01	24.02 0.88 0.00	22.19 0.78 0.00

HILLBURN___GT 23639	17.05 0.93 1.09	13.43 0.74 0.00	13.18 0.70 0.00	11.67 0.62 0.00	10.39 0.52 0.00	17.03 0.92 0.00	21.04 1.19 0.00	25.81 1.60 0.00	25.54 1.64 0.00	20.55 1.32 0.00	21.76 1.44 0.65	18.80 1.44 3.04	4.06 1.28 15.39	13.67 1.53 8.42	14.90 1.81 11.20	-4.25 1.75 32.83	43.35 2.49 0.00	63.70 3.75 0.00	67.59 4.19 0.00	40.75 2.48 0.00	30.03 1.87 0.00	25.29 1.60 0.12	24.59 1.45 0.00	22.67 1.26 0.00
HILLSIDE_115KV_TB1 80332	16.65 -0.56 0.00	12.18 -0.51 0.00	11.94 -0.55 0.00	10.63 -0.42 0.00	9.47 -0.38 0.00	15.51 -0.59 0.00	19.10 -0.76 0.00	23.40 -0.82 0.00	23.19 -0.72 0.00	18.61 -0.62 0.00	20.46 -0.51 0.00	19.93 -0.46 0.00	17.74 -0.43 0.00	20.15 -0.42 0.00	23.78 -0.51 0.00	25.90 -0.93 0.00	39.66 -1.21 0.00	58.24 -1.71 0.00	61.77 -1.63 0.00	37.12 -1.15 0.00	27.11 -1.05 0.00	22.99 -0.82 0.00	22.44 -0.70 0.00	20.69 -0.72 0.00
HISHELDN_WT_PWR 323625	15.69 -1.52 0.00	11.47 -1.22 0.00	11.23 -1.25 0.00	9.98 -1.07 0.00	8.95 -0.91 0.00	14.67 -1.43 0.00	18.10 -1.76 0.00	21.97 -2.24 0.00	21.68 -2.23 0.00	17.36 -1.87 0.00	19.31 -1.66 0.00	18.72 -1.68 0.00	16.66 -1.51 0.00	18.88 -1.68 0.00	22.19 -2.09 0.00	24.44 -2.39 0.00	37.74 -3.13 0.00	55.52 -4.44 0.00	58.46 -4.95 0.00	35.31 -2.96 0.00	25.73 -2.43 0.00	21.70 -2.11 0.00	21.29 -1.84 0.00	19.55 -1.85 0.00
HOLTSVILLE_IC_1 23690	19.59 1.59 -0.79	14.91 1.24 -0.98	13.64 1.15 0.00	11.97 0.92 0.00	10.55 0.69 0.00	17.16 1.06 0.00	21.03 1.17 0.00	25.77 1.55 0.00	25.46 1.56 0.00	20.45 1.22 0.00	22.59 1.43 -0.19	22.91 1.62 -0.89	24.16 1.49 -4.50	24.87 1.84 -2.46	29.55 1.98 -3.28	38.25 1.82 -9.61	43.27 2.40 0.00	62.87 2.91 0.00	66.67 3.26 0.00	40.41 2.15 0.00	30.09 1.93 0.00	25.71 1.86 -0.04	24.78 1.64 0.00	22.94 1.53 0.00
HOLTSVILLE_IC_10 23699	19.67 1.67 -0.79	14.96 1.29 -0.98	13.69 1.21 0.00	12.02 0.97 0.00	10.59 0.73 0.00	17.23 1.12 0.00	21.12 1.27 0.00	25.88 1.66 0.00	25.57 1.67 0.00	20.54 1.31 0.00	22.67 1.52 -0.19	22.99 1.70 -0.89	24.24 1.56 -4.50	24.96 1.93 -2.46	29.67 2.10 -3.28	38.40 1.96 -9.61	43.51 2.64 0.00	63.21 3.25 0.00	67.06 3.66 0.00	40.64 2.37 0.00	30.24 2.08 0.00	25.83 1.97 -0.04	24.89 1.75 0.00	23.03 1.62 0.00
HOLTSVILLE_IC_2 23691	19.59 1.59 -0.79	14.91 1.24 -0.98	13.64 1.15 0.00	11.97 0.92 0.00	10.55 0.69 0.00	17.16 1.06 0.00	21.03 1.17 0.00	25.77 1.55 0.00	25.46 1.56 0.00	20.45 1.22 0.00	22.59 1.43 -0.19	22.91 1.62 -0.89	24.16 1.49 -4.50	24.87 1.84 -2.46	29.55 1.98 -3.28	38.25 1.82 -9.61	43.27 2.40 0.00	62.87 2.91 0.00	66.67 3.26 0.00	40.41 2.15 0.00	30.09 1.93 0.00	25.71 1.86 -0.04	24.78 1.64 0.00	22.94 1.53 0.00
HOLTSVILLE_IC_3 23692	19.59 1.59 -0.79	14.91 1.24 -0.98	13.64 1.15 0.00	11.97 0.92 0.00	10.55 0.69 0.00	17.16 1.06 0.00	21.03 1.17 0.00	25.77 1.55 0.00	25.46 1.56 0.00	20.45 1.22 0.00	22.59 1.43 -0.19	22.91 1.62 -0.89	24.16 1.49 -4.50	24.87 1.84 -2.46	29.55 1.98 -3.28	38.25 1.82 -9.61	43.27 2.40 0.00	62.87 2.91 0.00	66.67 3.26 0.00	40.41 2.15 0.00	30.09 1.93 0.00	25.71 1.86 -0.04	24.78 1.64 0.00	22.94 1.53 0.00
HOLTSVILLE_IC_4 23693	19.59 1.59 -0.79	14.91 1.24 -0.98	13.64 1.15 0.00	11.97 0.92 0.00	10.55 0.69 0.00	17.16 1.06 0.00	21.03 1.17 0.00	25.77 1.55 0.00	25.46 1.56 0.00	20.45 1.22 0.00	22.59 1.43 -0.19	22.91 1.62 -0.89	24.16 1.49 -4.50	24.87 1.84 -2.46	29.55 1.98 -3.28	38.25 1.82 -9.61	43.27 2.40 0.00	62.87 2.91 0.00	66.67 3.26 0.00	40.41 2.15 0.00	30.09 1.93 0.00	25.71 1.86 -0.04	24.78 1.64 0.00	22.94 1.53 0.00
HOLTSVILLE_IC_5 23694	19.59 1.59 -0.79	14.91 1.24 -0.98	13.64 1.15 0.00	11.97 0.92 0.00	10.55 0.69 0.00	17.16 1.06 0.00	21.03 1.17 0.00	25.77 1.55 0.00	25.46 1.56 0.00	20.45 1.22 0.00	22.59 1.43 -0.19	22.91 1.62 -0.89	24.16 1.49 -4.50	24.87 1.84 -2.46	29.55 1.98 -3.28	38.25 1.82 -9.61	43.27 2.40 0.00	62.87 2.91 0.00	66.67 3.26 0.00	40.41 2.15 0.00	30.09 1.93 0.00	25.71 1.86 -0.04	24.78 1.64 0.00	22.94 1.53 0.00
HOLTSVILLE_IC_6 23695	19.67 1.67 -0.79	14.96 1.29 -0.98	13.69 1.21 0.00	12.02 0.97 0.00	10.59 0.73 0.00	17.23 1.12 0.00	21.12 1.27 0.00	25.88 1.66 0.00	25.57 1.67 0.00	20.54 1.31 0.00	22.67 1.52 -0.19	22.99 1.70 -0.89	24.24 1.56 -4.50	24.96 1.93 -2.46	29.67 2.10 -3.28	38.40 1.96 -9.61	43.51 2.64 0.00	63.21 3.25 0.00	67.06 3.66 0.00	40.64 2.37 0.00	30.24 2.08 0.00	25.83 1.97 -0.04	24.89 1.75 0.00	23.03 1.62 0.00
HOLTSVILLE_IC_7 23696	19.67 1.67 -0.79	14.96 1.29 -0.98	13.69 1.21 0.00	12.02 0.97 0.00	10.59 0.73 0.00	17.23 1.12 0.00	21.12 1.27 0.00	25.88 1.66 0.00	25.57 1.67 0.00	20.54 1.31 0.00	22.67 1.52 -0.19	22.99 1.70 -0.89	24.24 1.56 -4.50	24.96 1.93 -2.46	29.67 2.10 -3.28	38.40 1.96 -9.61	43.51 2.64 0.00	63.21 3.25 0.00	67.06 3.66 0.00	40.64 2.37 0.00	30.24 2.08 0.00	25.83 1.97 -0.04	24.89 1.75 0.00	23.03 1.62 0.00
HOLTSVILLE_IC_8 23697	19.67 1.67 -0.79	14.96 1.29 -0.98	13.69 1.21 0.00	12.02 0.97 0.00	10.59 0.73 0.00	17.23 1.12 0.00	21.12 1.27 0.00	25.88 1.66 0.00	25.57 1.67 0.00	20.54 1.31 0.00	22.67 1.52 -0.19	22.99 1.70 -0.89	24.24 1.56 -4.50	24.96 1.93 -2.46	29.67 2.10 -3.28	38.40 1.96 -9.61	43.51 2.64 0.00	63.21 3.25 0.00	67.06 3.66 0.00	40.64 2.37 0.00	30.24 2.08 0.00	25.83 1.97 -0.04	24.89 1.75 0.00	23.03 1.62 0.00
HOLTSVILLE_IC_9 23698	19.67 1.67 -0.79	14.96 1.29 -0.98	13.69 1.21 0.00	12.02 0.97 0.00	10.59 0.73 0.00	17.23 1.12 0.00	21.12 1.27 0.00	25.88 1.66 0.00	25.57 1.67 0.00	20.54 1.31 0.00	22.67 1.52 -0.19	22.99 1.70 -0.89	24.24 1.56 -4.50	24.96 1.93 -2.46	29.67 2.10 -3.28	38.40 1.96 -9.61	43.51 2.64 0.00	63.21 3.25 0.00	67.06 3.66 0.00	40.64 2.37 0.00	30.24 2.08 0.00	25.83 1.97 -0.04	24.89 1.75 0.00	23.03 1.62 0.00
HOMER_HL_115KV_TB2 355744	16.78 -0.42 0.00	12.29 -0.40 0.00	12.01 -0.47 0.00	10.66 -0.40 0.00	9.53 -0.32 0.00	15.60 -0.51 0.00	19.13 -0.72 0.00	23.42 -0.79 0.00	23.30 -0.61 0.00	21.88 -0.50 -3.15	27.95 -0.33 -7.31	26.73 -0.16 -6.50	28.97 -0.11 -10.92	35.49 -0.15 -15.07	25.36 -0.39 -1.47	25.99 -0.84 0.00	39.81 -1.06 0.00	58.49 -1.46 0.00	62.09 -1.32 0.00	37.31 -0.96 0.00	27.19 -0.97 0.00	23.15 -0.66 0.00	22.75 -0.39 0.00	20.95 -0.46 0.00
HOWARD_WT_PWR 323690	15.57 -1.64 0.00	11.40 -1.29 0.00	11.13 -1.35 0.00	9.98 -1.08 0.00	8.88 -0.98 0.00	14.51 -1.59 0.00	17.89 -1.97 0.00	21.75 -2.46 0.00	21.49 -2.41 0.00	17.15 -2.08 0.00	18.95 -2.02 0.00	18.39 -2.01 0.00	16.28 -1.88 0.00	18.65 -1.92 0.00	22.02 -2.27 0.00	24.18 -2.65 0.00	37.75 -3.11 0.00	55.51 -4.44 0.00	58.08 -5.32 0.00	34.81 -3.46 0.00	25.26 -2.90 0.00	21.20 -2.62 0.00	20.77 -2.37 0.00	19.06 -2.35 0.00

HQ_GEN_CEDARS 23644	17.44 0.24 0.00	20.82 0.06 -8.06	33.33 0.06 -20.79	30.56 0.06 -19.44	24.27 0.13 -14.28	16.38 0.27 0.00	31.00 0.70 -10.43	52.68 1.01 -27.45	32.93 0.88 -8.14	19.46 0.23 0.00	21.11 0.14 0.00	20.35 -0.05 0.00	17.97 -0.21 -0.01	20.33 -0.23 0.00	24.29 0.00 0.00	27.30 0.47 0.00	42.82 1.96 0.00	64.00 4.04 0.00	67.21 3.80 0.00	53.45 1.52 -13.66	58.42 0.72 -29.55	51.22 0.41 -26.99	49.82 0.22 -26.46	40.83 0.14 -19.28
HQ_GEN_CEDARS_PROXY 323590	17.44 0.23 0.00	20.82 0.06 -8.06	33.33 0.06 -20.79	30.56 0.06 -19.44	24.27 0.13 -14.28	16.38 0.27 0.00	31.00 0.70 -10.43	52.67 1.01 -27.45	32.93 0.88 -8.14	19.46 0.23 0.00	21.11 0.14 0.00	20.35 -0.05 0.00	17.97 -0.21 -0.01	20.33 -0.23 0.00	24.29 0.00 0.00	27.30 0.47 0.00	42.82 1.96 0.00	63.99 4.04 0.00	67.21 3.80 0.00	53.44 1.51 -13.66	58.42 0.71 -29.55	51.21 0.41 -26.99	49.82 0.22 -26.46	40.83 0.14 -19.28
HQ_GEN_IMPORT 323601	17.12 -0.09 0.00	12.11 -0.08 0.50	11.13 -0.07 1.28	9.78 -0.07 1.20	8.93 -0.05 0.88	16.02 -0.08 0.00	19.14 -0.07 0.64	22.43 -0.11 1.68	23.24 -0.14 0.53	19.12 -0.11 0.00	20.90 -0.07 0.00	20.32 -0.08 0.00	18.08 -0.09 0.00	20.45 -0.11 0.00	24.16 -0.13 0.00	26.74 -0.09 0.00	40.78 -0.09 0.00	59.90 -0.05 0.00	63.34 -0.07 0.00	35.76 -0.07 2.44	26.26 -0.08 1.82	22.08 -0.07 1.66	21.44 -0.07 1.63	20.14 -0.08 1.19
HQ_GEN_WHEEL 23651	17.12 -0.09 0.00	12.11 -0.08 0.50	11.13 -0.07 1.28	9.78 -0.07 1.20	8.93 -0.05 0.88	16.02 -0.08 0.00	19.14 -0.07 0.64	22.43 -0.11 1.68	23.24 -0.14 0.53	19.12 -0.11 0.00	20.90 -0.07 0.00	20.32 -0.08 0.00	18.08 -0.09 0.00	20.45 -0.11 0.00	24.16 -0.13 0.00	26.74 -0.09 0.00	40.78 -0.09 0.00	59.90 -0.05 0.00	63.34 -0.07 0.00	35.76 -0.07 2.44	26.26 -0.08 1.82	22.08 -0.07 1.66	21.44 -0.07 1.63	20.14 -0.08 1.19
HUDSON AVE_GT_3 23810	18.68 1.15 -0.32	13.58 0.89 0.00	13.33 0.85 0.00	11.79 0.74 0.00	10.49 0.63 0.00	17.18 1.08 0.00	21.23 1.37 0.00	26.06 1.85 0.00	25.82 1.91 0.00	20.81 1.58 0.00	22.90 1.75 -0.19	23.05 1.76 -0.89	24.24 1.56 -4.52	24.88 1.85 -2.47	29.75 2.17 -3.29	38.58 2.10 -9.64	43.85 2.98 0.00	64.40 4.45 0.00	68.16 4.75 0.00	41.10 2.83 0.00	30.38 2.23 0.00	25.77 1.92 -0.04	24.88 1.74 0.00	22.93 1.53 0.00
HUDSON AVE_GT_4 23540	18.68 1.15 -0.32	13.58 0.89 0.00	13.33 0.85 0.00	11.79 0.74 0.00	10.49 0.63 0.00	17.18 1.08 0.00	21.23 1.37 0.00	26.06 1.85 0.00	25.82 1.91 0.00	20.81 1.58 0.00	22.90 1.75 -0.19	23.05 1.76 -0.89	24.24 1.56 -4.52	24.88 1.85 -2.47	29.75 2.17 -3.29	38.58 2.10 -9.64	43.85 2.98 0.00	64.40 4.45 0.00	68.16 4.75 0.00	41.10 2.83 0.00	30.38 2.23 0.00	25.77 1.92 -0.04	24.88 1.74 0.00	22.93 1.53 0.00
HUDSON AVE_GT_5 23657	18.68 1.15 -0.32	13.58 0.89 0.00	13.33 0.85 0.00	11.79 0.74 0.00	10.49 0.63 0.00	17.18 1.08 0.00	21.23 1.37 0.00	26.06 1.85 0.00	25.82 1.91 0.00	20.81 1.58 0.00	22.90 1.75 -0.19	23.05 1.76 -0.89	24.24 1.56 -4.52	24.88 1.85 -2.47	29.75 2.17 -3.29	38.58 2.10 -9.64	43.85 2.98 0.00	64.40 4.45 0.00	68.16 4.75 0.00	41.10 2.83 0.00	30.38 2.23 0.00	25.77 1.92 -0.04	24.88 1.74 0.00	22.93 1.53 0.00
HUDSON_AVE_10 24168	18.58 1.05 -0.32	13.51 0.82 0.00	13.26 0.78 0.00	11.74 0.69 0.00	10.44 0.58 0.00	17.10 0.99 0.00	21.13 1.27 0.00	25.94 1.73 0.00	25.70 1.80 0.00	20.71 1.48 0.00	22.78 1.62 -0.19	22.92 1.63 -0.89	24.14 1.45 -4.52	24.77 1.73 -2.47	29.61 2.03 -3.29	38.42 1.95 -9.64	43.60 2.73 0.00	64.08 4.13 0.00	67.82 4.41 0.00	40.89 2.62 0.00	30.24 2.07 0.00	25.64 1.79 -0.04	24.76 1.62 0.00	22.82 1.42 0.00
HUDSON___115KV_TB 4 355613	18.12 0.84 -0.07	13.33 0.64 0.00	13.13 0.65 0.00	11.62 0.57 0.00	10.35 0.49 0.00	16.91 0.81 0.00	20.87 1.01 0.00	25.53 1.31 0.00	25.22 1.31 0.00	20.23 1.00 0.00	21.86 0.85 -0.04	21.30 0.70 -0.20	19.78 0.62 -0.99	21.82 0.72 -0.54	25.95 0.95 -0.72	30.15 1.21 -2.11	42.82 1.95 0.00	62.94 2.99 0.00	66.57 3.17 0.00	40.19 1.92 0.00	29.61 1.45 0.00	25.01 1.19 -0.01	24.21 1.08 0.00	22.33 0.93 0.00
HUNTER MOUNT___DRP 323613	18.11 0.90 0.00	13.36 0.67 0.00	13.17 0.69 0.00	11.65 0.60 0.00	10.39 0.53 0.00	16.97 0.87 0.00	20.95 1.09 0.00	25.63 1.42 0.00	25.30 1.40 0.00	20.27 1.04 0.00	21.82 0.85 0.00	21.08 0.68 0.00	18.76 0.59 0.00	21.23 0.67 0.00	25.20 0.92 0.00	28.10 1.27 0.00	42.97 2.10 0.00	63.16 3.21 0.00	66.78 3.38 0.00	40.33 2.06 0.00	29.68 1.52 0.00	25.05 1.23 0.00	24.25 1.12 0.00	22.37 0.96 0.00
HUNTINGTON_RES_REC 323705	19.46 1.46 -0.79	14.81 1.15 -0.98	13.55 1.07 0.00	11.89 0.84 0.00	10.48 0.62 0.00	17.06 0.95 0.00	20.92 1.06 0.00	25.63 1.42 0.00	25.35 1.45 0.00	20.38 1.15 0.00	22.54 1.38 -0.19	22.88 1.59 -0.89	24.15 1.47 -4.50	24.83 1.80 -2.46	29.48 1.91 -3.28	38.16 1.72 -9.61	43.14 2.27 0.00	62.79 2.84 0.00	66.57 3.16 0.00	40.32 2.05 0.00	30.00 1.84 0.00	25.62 1.77 -0.04	24.68 1.54 0.00	22.84 1.43 0.00
HUNTLEY___63 23557	15.67 -1.54 0.00	11.51 -1.18 0.00	11.24 -1.24 0.00	9.95 -1.10 0.00	8.98 -0.88 0.00	14.69 -1.41 0.00	18.14 -1.72 0.00	22.04 -2.17 0.00	21.73 -2.17 0.00	17.49 -1.75 0.00	19.54 -1.44 0.00	18.99 -1.41 0.00	16.96 -1.21 0.00	19.14 -1.42 0.00	22.49 -1.80 0.00	24.75 -2.08 0.00	37.82 -3.05 0.00	55.37 -4.58 0.00	58.10 -5.31 0.00	35.29 -2.98 0.00	25.81 -2.35 0.00	21.91 -1.91 0.00	21.55 -1.59 0.00	19.82 -1.59 0.00
HUNTLEY___64 23558	15.67 -1.54 0.00	11.51 -1.18 0.00	11.24 -1.24 0.00	9.95 -1.10 0.00	8.98 -0.88 0.00	14.69 -1.41 0.00	18.14 -1.72 0.00	22.04 -2.17 0.00	21.73 -2.17 0.00	17.49 -1.75 0.00	19.54 -1.44 0.00	18.99 -1.41 0.00	16.96 -1.21 0.00	19.14 -1.42 0.00	22.49 -1.80 0.00	24.75 -2.08 0.00	37.82 -3.05 0.00	55.37 -4.58 0.00	58.10 -5.31 0.00	35.29 -2.98 0.00	25.81 -2.35 0.00	21.91 -1.91 0.00	21.55 -1.59 0.00	19.82 -1.59 0.00
HUNTLEY___65 23559	15.67 -1.54 0.00	11.51 -1.18 0.00	11.24 -1.24 0.00	9.95 -1.10 0.00	8.98 -0.88 0.00	14.69 -1.41 0.00	18.14 -1.72 0.00	22.04 -2.17 0.00	21.73 -2.17 0.00	17.49 -1.75 0.00	19.54 -1.44 0.00	18.99 -1.41 0.00	16.96 -1.21 0.00	19.14 -1.42 0.00	22.49 -1.80 0.00	24.75 -2.08 0.00	37.82 -3.05 0.00	55.37 -4.58 0.00	58.10 -5.31 0.00	35.29 -2.98 0.00	25.81 -2.35 0.00	21.91 -1.91 0.00	21.55 -1.59 0.00	19.82 -1.59 0.00
HUNTLEY___66 23560	15.67 -1.54 0.00	11.51 -1.18 0.00	11.24 -1.24 0.00	9.95 -1.10 0.00	8.98 -0.88 0.00	14.69 -1.41 0.00	18.14 -1.72 0.00	22.04 -2.17 0.00	21.73 -2.17 0.00	17.49 -1.75 0.00	19.54 -1.44 0.00	18.99 -1.41 0.00	16.96 -1.21 0.00	19.14 -1.42 0.00	22.49 -1.80 0.00	24.75 -2.08 0.00	37.82 -3.05 0.00	55.37 -4.58 0.00	58.10 -5.31 0.00	35.29 -2.98 0.00	25.81 -2.35 0.00	21.91 -1.91 0.00	21.55 -1.59 0.00	19.82 -1.59 0.00

HUNTLEY___67 23561	15.61 -1.59 0.00	11.47 -1.22 0.00	11.21 -1.28 0.00	9.92 -1.13 0.00	8.95 -0.92 0.00	14.63 -1.47 0.00	18.06 -1.80 0.00	21.95 -2.26 0.00	21.65 -2.26 0.00	17.42 -1.81 0.00	19.42 -1.55 0.00	18.88 -1.52 0.00	16.85 -1.32 0.00	19.03 -1.54 0.00	22.35 -1.94 0.00	24.59 -2.24 0.00	37.61 -3.26 0.00	55.08 -4.87 0.00	57.84 -5.57 0.00	35.08 -3.19 0.00	25.65 -2.51 0.00	21.77 -2.05 0.00	21.41 -1.73 0.00	19.70 -1.71 0.00
HUNTLEY___68 23562	15.61 -1.59 0.00	11.47 -1.22 0.00	11.21 -1.28 0.00	9.92 -1.13 0.00	8.95 -0.92 0.00	14.63 -1.47 0.00	18.06 -1.80 0.00	21.95 -2.26 0.00	21.65 -2.26 0.00	17.42 -1.81 0.00	19.42 -1.55 0.00	18.88 -1.52 0.00	16.85 -1.32 0.00	19.03 -1.54 0.00	22.35 -1.94 0.00	24.59 -2.24 0.00	37.61 -3.26 0.00	55.08 -4.87 0.00	57.84 -5.57 0.00	35.08 -3.19 0.00	25.65 -2.51 0.00	21.77 -2.05 0.00	21.41 -1.73 0.00	19.70 -1.71 0.00
HYLAND___LFGE 323620	16.65 -0.56 0.00	12.18 -0.50 0.00	11.93 -0.56 0.00	10.60 -0.45 0.00	9.51 -0.35 0.00	15.60 -0.50 0.00	19.38 -0.48 0.00	23.61 -0.61 0.00	22.86 -1.05 0.00	17.98 -1.25 0.00	19.84 -1.13 0.00	19.31 -1.09 0.00	17.14 -1.02 0.00	19.45 -1.11 0.00	22.97 -1.31 0.00	25.36 -1.47 0.00	39.96 -0.91 0.00	59.53 -0.42 0.00	62.85 -0.56 0.00	37.81 -0.46 0.00	27.53 -0.63 0.00	23.18 -0.64 0.00	22.60 -0.54 0.00	20.75 -0.65 0.00
INDECK___CORINTH 23802	18.08 0.78 -0.10	13.21 0.52 0.00	12.99 0.50 0.00	11.50 0.45 0.00	10.26 0.40 0.00	16.88 0.78 0.00	20.88 1.02 0.00	25.50 1.28 0.00	25.18 1.28 0.00	20.20 0.97 0.00	21.92 0.90 -0.06	21.42 0.76 -0.27	20.12 0.58 -1.36	22.01 0.71 -0.75	26.23 0.96 -0.99	30.83 1.10 -2.91	42.68 1.81 0.00	62.41 2.45 0.00	66.08 2.68 0.00	39.92 1.65 0.00	29.32 1.16 0.00	24.82 0.99 -0.01	24.12 0.98 0.00	22.25 0.84 0.00
INDECK___ILION 23567	17.45 0.24 0.00	12.88 0.19 0.00	12.67 0.18 0.00	11.22 0.17 0.00	10.00 0.14 0.00	16.35 0.25 0.00	20.18 0.32 0.00	24.63 0.42 0.00	24.29 0.39 0.00	19.52 0.29 0.00	21.09 0.11 0.00	20.47 0.07 0.00	18.22 0.05 0.00	20.62 0.06 0.00	24.41 0.13 0.00	27.08 0.25 0.00	41.30 0.43 0.00	60.55 0.60 0.00	64.02 0.61 0.00	38.62 0.35 0.00	28.47 0.31 0.00	24.09 0.27 0.00	23.34 0.21 0.00	21.56 0.15 0.00
INDECK___OLEAN 23982	16.78 -0.42 0.00	12.28 -0.41 0.00	12.02 -0.47 0.00	10.65 -0.40 0.00	9.53 -0.33 0.00	15.60 -0.51 0.00	19.13 -0.73 0.00	23.42 -0.79 0.00	23.29 -0.61 0.00	21.87 -0.51 -3.15	27.96 -0.32 -7.31	26.76 -0.13 -6.50	28.99 -0.09 -10.92	35.52 -0.12 -15.07	25.37 -0.39 -1.47	25.99 -0.84 0.00	39.81 -1.06 0.00	58.51 -1.45 0.00	62.10 -1.30 0.00	37.31 -0.96 0.00	27.19 -0.96 0.00	23.15 -0.66 0.00	22.74 -0.40 0.00	20.95 -0.46 0.00
INDECK___OSWEGO 23783	16.70 -0.50 0.00	12.66 -0.38 -0.36	13.01 -0.39 -0.92	11.57 -0.34 -0.86	10.19 -0.30 -0.63	15.59 -0.51 0.00	19.69 -0.63 -0.46	25.10 -0.56 -1.45	24.34 -0.17 -0.61	18.55 -0.68 0.00	20.21 -0.76 0.00	19.65 -0.75 0.00	17.53 -0.64 0.00	19.80 -0.76 0.00	23.79 -0.50 0.00	25.90 -0.93 0.00	39.58 -1.29 0.00	58.10 -1.85 0.00	61.35 -2.06 0.00	37.60 -1.28 -0.61	28.48 -0.99 -1.31	24.16 -0.85 -1.20	23.52 -0.79 -1.18	21.60 -0.67 -0.86
INDECK___YERKES 23781	15.69 -1.52 0.00	11.52 -1.17 0.00	11.25 -1.24 0.00	9.96 -1.10 0.00	8.99 -0.87 0.00	14.71 -1.40 0.00	18.15 -1.71 0.00	22.05 -2.16 0.00	21.75 -2.16 0.00	17.51 -1.72 0.00	19.56 -1.41 0.00	19.04 -1.36 0.00	16.99 -1.17 0.00	19.19 -1.37 0.00	22.52 -1.77 0.00	24.79 -2.04 0.00	37.86 -3.01 0.00	55.42 -4.53 0.00	58.20 -5.21 0.00	35.33 -2.95 0.00	25.82 -2.34 0.00	21.93 -1.89 0.00	21.56 -1.58 0.00	19.83 -1.58 0.00
INDIAN POINT_GT_1 24139	18.52 0.96 -0.35	13.44 0.75 0.00	13.20 0.72 0.00	11.68 0.63 0.00	10.39 0.53 0.00	17.03 0.93 0.00	21.04 1.18 0.00	25.80 1.59 0.00	25.54 1.63 0.00	20.55 1.32 0.00	22.62 1.44 -0.21	22.84 1.45 -0.99	24.46 1.28 -5.01	24.83 1.53 -2.74	29.74 1.81 -3.65	39.26 1.75 -10.68	43.36 2.49 0.00	63.68 3.73 0.00	67.48 4.08 0.00	40.70 2.43 0.00	30.03 1.88 0.00	25.46 1.61 -0.04	24.59 1.46 0.00	22.68 1.27 0.00
INDIAN POINT_GT_2 23659	18.52 0.96 -0.35	13.44 0.75 0.00	13.20 0.72 0.00	11.68 0.63 0.00	10.39 0.53 0.00	17.03 0.93 0.00	21.04 1.18 0.00	25.80 1.59 0.00	25.54 1.63 0.00	20.55 1.32 0.00	22.62 1.44 -0.21	22.84 1.45 -0.99	24.46 1.28 -5.01	24.83 1.53 -2.74	29.74 1.81 -3.65	39.26 1.75 -10.68	43.36 2.49 0.00	63.68 3.73 0.00	67.48 4.08 0.00	40.70 2.43 0.00	30.03 1.88 0.00	25.46 1.61 -0.04	24.59 1.46 0.00	22.68 1.27 0.00
INDIAN POINT_GT_3 24019	18.52 0.96 -0.35	13.44 0.75 0.00	13.20 0.72 0.00	11.68 0.63 0.00	10.39 0.53 0.00	17.03 0.93 0.00	21.04 1.18 0.00	25.80 1.59 0.00	25.54 1.63 0.00	20.55 1.32 0.00	22.62 1.44 -0.21	22.84 1.45 -0.99	24.46 1.28 -5.01	24.83 1.53 -2.74	29.74 1.81 -3.65	39.26 1.75 -10.68	43.36 2.49 0.00	63.68 3.73 0.00	67.48 4.08 0.00	40.70 2.43 0.00	30.03 1.88 0.00	25.46 1.61 -0.04	24.59 1.46 0.00	22.68 1.27 0.00
INDIAN POINT___2 23530	18.37 0.94 -0.22	13.43 0.74 0.00	13.18 0.70 0.00	11.67 0.62 0.00	10.38 0.52 0.00	17.01 0.91 0.00	21.02 1.16 0.00	25.78 1.56 0.00	25.52 1.61 0.00	20.53 1.30 0.00	22.53 1.42 -0.13	22.45 1.43 -0.62	22.58 1.27 -3.15	23.79 1.51 -1.72	28.36 1.79 -2.29	35.27 1.73 -6.71	43.30 2.43 0.00	63.61 3.66 0.00	67.46 4.05 0.00	40.67 2.40 0.00	30.00 1.84 0.00	25.42 1.58 -0.03	24.58 1.44 0.00	22.66 1.26 0.00
INDIAN POINT___3 23531	18.60 0.94 -0.46	13.43 0.74 0.00	13.18 0.70 0.00	11.67 0.62 0.00	10.38 0.52 0.00	17.01 0.90 0.00	21.01 1.15 0.00	25.77 1.56 0.00	25.50 1.60 0.00	20.53 1.30 0.00	22.66 1.42 -0.27	23.09 1.42 -1.28	25.88 1.26 -6.46	25.60 1.50 -3.53	30.77 1.78 -4.70	42.32 1.72 -13.77	43.30 2.43 0.00	63.60 3.65 0.00	67.42 4.02 0.00	40.65 2.38 0.00	30.00 1.84 0.00	25.44 1.57 -0.05	24.57 1.43 0.00	22.65 1.25 0.00
INGHAM_C_115KV_TB7 356103	17.63 0.42 0.00	13.02 0.33 0.00	12.82 0.33 0.00	11.36 0.31 0.00	10.11 0.25 0.00	16.55 0.45 0.00	20.46 0.60 0.00	25.01 0.79 0.00	24.63 0.73 0.00	19.74 0.51 0.00	21.06 0.09 0.00	20.39 -0.01 0.00	18.13 -0.04 0.00	20.51 -0.06 0.00	24.41 0.12 0.00	27.21 0.38 0.00	41.52 0.66 0.00	60.80 0.85 0.00	64.32 0.91 0.00	38.76 0.49 0.00	28.66 0.50 0.00	24.27 0.46 0.00	23.45 0.31 0.00	21.61 0.21 0.00
IP CORINTH___1 23988	18.17 0.86 -0.10	13.28 0.59 0.00	13.05 0.57 0.00	11.56 0.50 0.00	10.31 0.45 0.00	16.96 0.86 0.00	20.99 1.14 0.00	25.64 1.42 0.00	25.31 1.41 0.00	20.30 1.07 0.00	22.03 1.00 -0.06	21.53 0.86 -0.27	20.21 0.68 -1.36	22.12 0.81 -0.75	26.36 1.08 -0.99	30.98 1.25 -2.91	42.91 2.04 0.00	62.74 2.78 0.00	66.44 3.04 0.00	40.13 1.86 0.00	29.47 1.32 0.00	24.94 1.12 -0.01	24.24 1.10 0.00	22.35 0.95 0.00

IP___TICONDEROGA 23804	19.02 1.71 -0.10	13.76 1.07 0.00	13.45 0.96 0.00	11.94 0.89 0.00	10.68 0.81 0.00	17.81 1.71 0.00	22.23 2.38 0.00	27.10 2.89 0.00	26.81 2.90 0.00	21.24 2.01 0.00	23.00 1.97 -0.06	22.43 1.77 -0.27	20.93 1.40 -1.37	22.94 1.64 -0.75	27.48 2.20 -1.00	32.21 2.46 -2.92	45.06 4.19 0.00	65.24 5.29 0.00	69.43 6.02 0.00	42.07 3.80 0.00	30.65 2.49 0.00	25.99 2.16 -0.01	25.24 2.10 0.00	23.25 1.85 0.00
ISLIP_RES_REC 323679	19.72 1.72 -0.79	15.00 1.33 -0.98	13.73 1.24 0.00	12.05 1.00 0.00	10.61 0.75 0.00	17.29 1.18 0.00	21.19 1.34 0.00	25.97 1.75 0.00	25.67 1.76 0.00	20.61 1.39 0.00	22.75 1.59 -0.19	23.07 1.78 -0.89	24.30 1.63 -4.50	25.04 2.01 -2.46	29.77 2.20 -3.28	38.52 2.08 -9.61	43.72 2.85 0.00	63.51 3.56 0.00	67.38 3.97 0.00	40.80 2.54 0.00	30.36 2.20 0.00	25.92 2.07 -0.04	24.97 1.83 0.00	23.10 1.69 0.00
JAMAICA__27_KV_LOAD 355505	18.62 1.09 -0.32	13.53 0.85 0.00	13.28 0.80 0.00	11.76 0.71 0.00	10.47 0.61 0.00	17.15 1.05 0.00	21.21 1.35 0.00	26.03 1.82 0.00	25.78 1.88 0.00	20.77 1.54 0.00	22.83 1.67 -0.19	22.95 1.66 -0.89	24.16 1.47 -4.52	24.81 1.78 -2.47	29.65 2.08 -3.29	38.45 1.98 -9.64	43.68 2.81 0.00	64.27 4.32 0.00	68.02 4.61 0.00	41.02 2.75 0.00	30.33 2.17 0.00	25.72 1.87 -0.04	24.84 1.70 0.00	22.89 1.48 0.00
JANIS___SOLAR 323808	17.37 0.17 0.00	12.79 0.10 0.00	12.57 0.08 0.00	11.17 0.11 0.00	9.99 0.13 0.00	16.37 0.26 0.00	20.29 0.43 0.00	24.86 0.65 0.00	24.46 0.55 0.00	19.29 0.07 0.00	20.96 -0.01 0.00	20.33 -0.07 0.00	18.11 -0.05 0.00	20.47 -0.09 0.00	24.37 0.08 0.00	26.95 0.12 0.00	41.63 0.76 0.00	61.26 1.31 0.00	64.88 1.47 0.00	39.07 0.81 0.00	28.59 0.44 0.00	24.16 0.34 0.00	23.41 0.28 0.00	21.59 0.18 0.00
JARVIS____ 23743	17.28 0.07 0.00	12.74 0.05 0.00	12.53 0.05 0.00	11.10 0.05 0.00	9.90 0.04 0.00	16.17 0.07 0.00	19.94 0.08 0.00	24.30 0.09 0.00	23.98 0.08 0.00	19.30 0.08 0.00	21.03 0.06 0.00	20.46 0.06 0.00	18.22 0.05 0.00	20.60 0.04 0.00	24.35 0.06 0.00	26.91 0.08 0.00	40.98 0.11 0.00	60.07 0.12 0.00	63.53 0.13 0.00	38.35 0.08 0.00	28.23 0.06 0.00	23.87 0.05 0.00	23.20 0.06 0.00	21.46 0.05 0.00
JENNISON___1 23625	17.20 0.07 0.08	12.77 0.08 0.00	12.60 0.11 0.00	11.23 0.18 0.00	10.04 0.18 0.00	16.44 0.33 0.00	20.38 0.52 0.00	24.93 0.72 0.00	24.62 0.71 0.00	19.70 0.47 0.00	21.44 0.51 0.05	20.54 0.36 0.22	17.42 0.38 1.12	20.35 0.40 0.61	24.03 0.56 0.82	24.94 0.50 2.39	41.76 0.89 0.00	60.91 0.95 0.00	64.63 1.22 0.00	38.99 0.72 0.00	28.58 0.42 0.00	24.24 0.43 0.01	23.50 0.37 0.00	21.66 0.25 0.00
JENNISON___2 23626	17.20 0.07 0.08	12.77 0.08 0.00	12.60 0.11 0.00	11.23 0.18 0.00	10.04 0.18 0.00	16.44 0.33 0.00	20.38 0.52 0.00	24.93 0.72 0.00	24.62 0.71 0.00	19.70 0.47 0.00	21.44 0.51 0.05	20.54 0.36 0.22	17.42 0.38 1.12	20.35 0.40 0.61	24.03 0.56 0.82	24.94 0.50 2.39	41.76 0.89 0.00	60.91 0.95 0.00	64.63 1.22 0.00	38.99 0.72 0.00	28.58 0.42 0.00	24.24 0.43 0.01	23.50 0.37 0.00	21.66 0.25 0.00
JERICHO_RISE_WT_PWR 323719	16.82 -0.39 0.00	-1.57 -0.45 13.81	-23.52 -0.40 35.60	-22.62 -0.37 33.30	-14.89 -0.29 24.46	15.69 -0.42 0.00	1.56 -0.44 17.87	-23.14 -0.57 46.79	9.56 -0.56 13.78	18.81 -0.42 0.00	20.64 -0.33 0.00	19.95 -0.45 0.00	17.60 -0.56 0.01	19.92 -0.64 0.00	23.65 -0.64 0.00	26.38 -0.45 0.00	40.42 -0.44 0.00	59.77 -0.19 0.00	63.03 -0.37 0.00	14.17 -0.71 23.39	-23.15 -0.70 50.61	-23.07 -0.65 46.23	-22.87 -0.67 45.34	-12.29 -0.65 33.05
KATONAH__115KV_46KV_TB4 355592	18.52 1.06 -0.25	13.52 0.83 0.00	13.27 0.79 0.00	11.74 0.69 0.00	10.44 0.58 0.00	17.12 1.01 0.00	21.14 1.29 0.00	25.94 1.73 0.00	25.67 1.76 0.00	20.66 1.43 0.00	22.67 1.55 -0.15	22.65 1.55 -0.69	23.05 1.37 -3.51	24.12 1.63 -1.92	28.79 1.94 -2.56	36.23 1.92 -7.49	43.63 2.76 0.00	64.09 4.14 0.00	67.87 4.46 0.00	40.93 2.66 0.00	30.20 2.04 0.00	25.59 1.74 -0.03	24.72 1.58 0.00	22.78 1.37 0.00
KCE_NY_1 323755	18.25 0.94 -0.10	13.38 0.69 0.00	13.16 0.67 0.00	11.65 0.59 0.00	10.39 0.52 0.00	17.02 0.92 0.00	21.03 1.18 0.00	25.68 1.47 0.00	25.35 1.45 0.00	20.36 1.13 0.00	22.12 1.09 -0.06	21.64 0.97 -0.27	20.38 0.84 -1.38	22.30 0.99 -0.75	26.56 1.27 -1.00	31.22 1.46 -2.94	43.13 2.27 0.00	63.20 3.24 0.00	66.88 3.47 0.00	40.39 2.12 0.00	29.73 1.57 0.00	25.14 1.32 -0.01	24.38 1.25 0.00	22.51 1.11 0.00
KCE_NY_6_ESR 323823	15.89 -1.32 0.00	11.65 -1.05 0.00	11.38 -1.11 0.00	10.08 -0.97 0.00	9.09 -0.77 0.00	14.87 -1.24 0.00	18.35 -1.51 0.00	22.32 -1.90 0.00	22.03 -1.88 0.00	17.71 -1.52 0.00	19.72 -1.25 0.00	19.18 -1.22 0.00	17.09 -1.07 0.00	19.33 -1.23 0.00	22.70 -1.59 0.00	24.98 -1.85 0.00	38.31 -2.55 0.00	56.13 -3.82 0.00	59.06 -4.34 0.00	35.77 -2.50 0.00	26.09 -2.06 0.00	22.11 -1.70 0.00	21.71 -1.43 0.00	19.96 -1.45 0.00
KEDC_PORT_JEFF_GT2 24210	19.66 1.66 -0.79	14.95 1.28 -0.98	13.68 1.20 0.00	12.01 0.96 0.00	10.58 0.72 0.00	17.21 1.11 0.00	21.10 1.24 0.00	25.85 1.64 0.00	25.55 1.65 0.00	20.52 1.29 0.00	22.66 1.50 -0.19	22.98 1.69 -0.89	24.22 1.55 -4.50	24.94 1.92 -2.46	29.65 2.08 -3.28	38.37 1.94 -9.61	43.48 2.61 0.00	63.17 3.22 0.00	67.03 3.63 0.00	40.61 2.34 0.00	30.22 2.06 0.00	25.81 1.96 -0.04	24.87 1.74 0.00	23.01 1.60 0.00
KEDC_PORT_JEFF_GT3 24211	19.66 1.66 -0.79	14.95 1.28 -0.98	13.68 1.20 0.00	12.01 0.96 0.00	10.58 0.72 0.00	17.21 1.11 0.00	21.10 1.24 0.00	25.85 1.64 0.00	25.55 1.65 0.00	20.52 1.29 0.00	22.66 1.50 -0.19	22.98 1.69 -0.89	24.22 1.55 -4.50	24.94 1.92 -2.46	29.65 2.08 -3.28	38.37 1.94 -9.61	43.48 2.61 0.00	63.17 3.22 0.00	67.03 3.63 0.00	40.61 2.34 0.00	30.22 2.06 0.00	25.81 1.96 -0.04	24.87 1.74 0.00	23.01 1.60 0.00
KEDC_GLWD_GT4 24219	19.28 1.28 -0.79	14.67 1.00 -0.98	13.43 0.94 0.00	11.85 0.80 0.00	10.50 0.64 0.00	17.17 1.07 0.00	21.15 1.30 0.00	25.94 1.73 0.00	25.68 1.77 0.00	20.67 1.44 0.00	22.80 1.64 -0.19	23.03 1.74 -0.89	24.25 1.57 -4.50	24.90 1.88 -2.46	29.71 2.14 -3.28	38.47 2.03 -9.61	43.69 2.82 0.00	63.96 4.01 0.00	67.73 4.32 0.00	40.92 2.65 0.00	30.30 2.14 0.00	25.76 1.91 -0.04	24.84 1.71 0.00	22.92 1.52 0.00
KEDC_GLWD_GT5 24220	19.28 1.28 -0.79	14.67 1.00 -0.98	13.43 0.94 0.00	11.85 0.80 0.00	10.50 0.64 0.00	17.17 1.07 0.00	21.15 1.30 0.00	25.94 1.73 0.00	25.68 1.77 0.00	20.67 1.44 0.00	22.80 1.64 -0.19	23.03 1.74 -0.89	24.25 1.57 -4.50	24.90 1.88 -2.46	29.71 2.14 -3.28	38.47 2.03 -9.61	43.69 2.82 0.00	63.96 4.01 0.00	67.73 4.32 0.00	40.92 2.65 0.00	30.30 2.14 0.00	25.76 1.91 -0.04	24.84 1.71 0.00	22.92 1.52 0.00

KENSICO____ 23655	18.56 1.01 -0.34	13.48 0.79 0.00	13.23 0.75 0.00	11.71 0.66 0.00	10.41 0.55 0.00	17.06 0.96 0.00	21.07 1.21 0.00	25.85 1.64 0.00	25.59 1.69 0.00	20.61 1.38 0.00	22.68 1.50 -0.20	22.86 1.51 -0.96	24.35 1.34 -4.85	24.81 1.60 -2.65	29.70 1.89 -3.53	39.00 1.84 -10.33	43.47 2.60 0.00	63.83 3.87 0.00	67.61 4.21 0.00	40.78 2.51 0.00	30.11 1.95 0.00	25.53 1.67 -0.04	24.66 1.52 0.00	22.73 1.33 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.98 1.06 0.28	13.51 0.82 0.00	13.26 0.78 0.00	11.75 0.69 0.00	10.45 0.59 0.00	17.13 1.03 0.00	21.19 1.34 0.00	26.00 1.78 0.00	25.69 1.79 0.00	20.63 1.40 0.00	22.27 1.47 0.17	21.01 1.40 0.78	15.42 1.23 3.97	19.87 1.48 2.17	23.19 1.79 2.89	20.17 1.82 8.47	43.60 2.73 0.00	64.17 4.22 0.00	68.06 4.66 0.00	41.02 2.75 0.00	30.25 2.09 0.00	25.56 1.77 0.03	24.74 1.61 0.00	22.80 1.39 0.00
KIAC_JFK_GT1 23816	18.53 1.00 -0.32	13.47 0.78 0.00	13.22 0.74 0.00	11.71 0.66 0.00	10.41 0.55 0.00	17.06 0.96 0.00	21.09 1.23 0.00	25.88 1.66 0.00	25.64 1.73 0.00	20.66 1.43 0.00	22.71 1.55 -0.19	22.84 1.55 -0.89	24.06 1.38 -4.52	24.69 1.66 -2.47	29.49 1.91 -3.29	38.19 1.72 -9.64	43.28 2.41 0.00	63.67 3.72 0.00	67.37 3.97 0.00	40.63 2.36 0.00	30.05 1.89 0.00	25.57 1.72 -0.04	24.71 1.57 0.00	22.77 1.37 0.00
KIAC_JFK_GT2 23817	18.53 1.00 -0.32	13.47 0.78 0.00	13.22 0.74 0.00	11.71 0.66 0.00	10.41 0.55 0.00	17.06 0.96 0.00	21.09 1.23 0.00	25.88 1.66 0.00	25.64 1.73 0.00	20.66 1.43 0.00	22.71 1.55 -0.19	22.84 1.55 -0.89	24.06 1.38 -4.52	24.69 1.66 -2.47	29.49 1.91 -3.29	38.19 1.72 -9.64	43.28 2.41 0.00	63.67 3.72 0.00	67.37 3.97 0.00	40.63 2.36 0.00	30.05 1.89 0.00	25.57 1.72 -0.04	24.71 1.57 0.00	22.77 1.37 0.00
KIAC_JFK____ 323774	18.53 1.00 -0.32	13.47 0.78 0.00	13.22 0.74 0.00	11.71 0.66 0.00	10.41 0.55 0.00	17.06 0.96 0.00	21.09 1.23 0.00	25.88 1.67 0.00	25.64 1.73 0.00	20.66 1.43 0.00	22.71 1.55 -0.19	22.84 1.55 -0.89	24.06 1.37 -4.52	24.69 1.66 -2.47	29.49 1.91 -3.29	38.20 1.72 -9.64	43.28 2.41 0.00	63.67 3.72 0.00	67.36 3.95 0.00	40.64 2.37 0.00	30.05 1.89 0.00	25.57 1.72 -0.04	24.71 1.57 0.00	22.77 1.37 0.00
KINTIGH____ 23543	15.71 -1.50 0.00	11.55 -1.14 0.00	11.30 -1.18 0.00	10.00 -1.06 0.00	9.00 -0.86 0.00	14.72 -1.38 0.00	18.15 -1.70 0.00	22.09 -2.12 0.00	21.79 -2.12 0.00	17.54 -1.68 0.00	19.50 -1.47 0.00	18.97 -1.43 0.00	16.93 -1.24 0.00	19.12 -1.44 0.00	22.46 -1.82 0.00	24.71 -2.12 0.00	37.74 -3.13 0.00	55.30 -4.66 0.00	58.07 -5.33 0.00	35.22 -3.05 0.00	25.79 -2.37 0.00	21.88 -1.93 0.00	21.50 -1.64 0.00	19.81 -1.59 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	16.91 -0.30 0.00	-0.99 -0.49 13.19	-21.87 -0.37 33.99	-21.09 -0.36 31.79	-13.80 -0.31 23.35	15.68 -0.42 0.00	2.38 -0.42 17.06	-20.97 -0.51 44.67	10.24 -0.50 13.16	18.84 -0.39 0.00	20.75 -0.22 0.00	19.95 -0.44 0.00	17.51 -0.64 0.01	19.87 -0.69 0.00	23.68 -0.61 0.00	26.52 -0.31 0.00	40.67 -0.20 0.00	60.26 0.31 0.00	63.85 0.44 0.00	15.39 -0.55 22.33	-20.75 -0.60 48.31	-20.87 -0.55 44.14	-20.80 -0.65 43.28	-10.85 -0.70 31.55
LACHUTE__HYDRO 323717	19.02 1.72 -0.10	13.76 1.07 0.00	13.45 0.96 0.00	11.94 0.89 0.00	10.67 0.81 0.00	17.81 1.70 0.00	22.23 2.38 0.00	27.10 2.89 0.00	26.80 2.90 0.00	21.24 2.01 0.00	23.00 1.97 -0.06	22.43 1.77 -0.27	20.93 1.40 -1.37	22.95 1.64 -0.75	27.48 2.20 -1.00	32.21 2.46 -2.92	45.06 4.19 0.00	65.24 5.29 0.00	69.43 6.02 0.00	42.07 3.81 0.00	30.65 2.49 0.00	25.99 2.16 -0.01	25.24 2.10 0.00	23.26 1.85 0.00
LAWRNCALV_115KV_TB1 80681	17.44 0.24 0.00	20.82 0.06 -8.06	33.33 0.06 -20.79	30.56 0.06 -19.44	24.27 0.13 -14.28	16.38 0.27 0.00	31.00 0.70 -10.43	52.68 1.01 -27.45	32.93 0.88 -8.14	19.46 0.23 0.00	21.11 0.14 0.00	20.35 -0.05 0.00	17.97 -0.20 -0.01	20.33 -0.23 0.00	24.29 0.00 0.00	27.30 0.47 0.00	42.82 1.96 0.00	64.00 4.04 0.00	67.21 3.80 0.00	53.45 1.52 -13.66	58.42 0.72 -29.55	51.22 0.41 -26.99	49.82 0.22 -26.46	40.83 0.14 -19.28
LEDERLE____ 23769	16.74 0.99 1.46	13.47 0.78 0.00	13.22 0.73 0.00	11.71 0.65 0.00	10.41 0.55 0.00	17.07 0.97 0.00	21.10 1.24 0.00	25.89 1.68 0.00	25.62 1.71 0.00	20.61 1.38 0.00	21.61 1.51 0.87	17.83 1.51 4.08	-1.13 1.34 20.64	10.88 1.60 11.29	11.16 1.90 15.02	-15.35 1.85 44.03	43.51 2.64 0.00	63.93 3.98 0.00	67.84 4.43 0.00	40.87 2.60 0.00	30.13 1.97 0.00	25.34 1.68 0.16	24.67 1.53 0.00	22.74 1.33 0.00
LIGHTRSE_115KV_TB6 355974	16.75 -0.46 0.00	13.20 -0.35 -0.86	14.32 -0.38 -2.22	12.80 -0.33 -2.08	11.12 -0.26 -1.52	15.65 -0.46 0.00	20.54 -0.43 -1.11	26.90 -0.37 -3.05	24.69 -0.22 -1.01	18.73 -0.50 0.00	20.38 -0.59 0.00	19.72 -0.68 0.00	17.59 -0.58 0.00	19.82 -0.74 0.00	23.65 -0.64 0.00	26.11 -0.72 0.00	40.25 -0.61 0.00	59.26 -0.69 0.00	62.32 -1.08 0.00	38.82 -0.90 -1.46	30.49 -0.82 -3.15	25.95 -0.75 -2.88	25.27 -0.69 -2.82	22.84 -0.62 -2.06
LINDEN COGEN____ 23786	18.60 1.08 -0.32	13.54 0.85 0.00	13.28 0.80 0.00	11.76 0.71 0.00	10.45 0.60 0.00	17.14 1.03 0.00	21.17 1.31 0.00	25.98 1.77 0.00	25.73 1.82 0.00	20.72 1.49 0.00	22.80 1.64 -0.19	22.94 1.65 -0.89	24.15 1.46 -4.52	24.76 1.73 -2.47	29.62 2.04 -3.29	38.43 1.96 -9.64	43.61 2.74 0.00	64.07 4.12 0.00	67.85 4.44 0.00	40.92 2.65 0.00	30.25 2.10 0.00	25.66 1.81 -0.04	24.78 1.64 0.00	22.84 1.44 0.00
LINDHRST_69_KV_BK1 356055	19.62 1.62 -0.79	14.92 1.26 -0.98	13.66 1.17 0.00	12.00 0.95 0.00	10.59 0.73 0.00	17.27 1.17 0.00	21.22 1.37 0.00	26.02 1.81 0.00	25.72 1.82 0.00	20.68 1.45 0.00	22.85 1.69 -0.19	23.13 1.85 -0.89	24.38 1.71 -4.50	25.10 2.07 -2.46	29.79 2.23 -3.28	38.51 2.07 -9.61	43.68 2.81 0.00	63.66 3.71 0.00	67.47 4.06 0.00	40.89 2.62 0.00	30.39 2.23 0.00	25.99 2.14 -0.04	25.02 1.88 0.00	23.12 1.71 0.00
LIPA_MISC_IPP 23656	19.66 1.66 -0.79	14.96 1.29 -0.98	13.69 1.20 0.00	12.01 0.96 0.00	10.57 0.72 0.00	17.19 1.09 0.00	21.06 1.20 0.00	25.77 1.56 0.00	25.46 1.55 0.00	20.43 1.21 0.00	22.53 1.38 -0.19	22.84 1.55 -0.89	24.09 1.42 -4.50	24.82 1.79 -2.46	29.51 1.94 -3.28	38.24 1.81 -9.61	43.32 2.45 0.00	62.69 2.74 0.00	66.65 3.25 0.00	40.38 2.11 0.00	30.04 1.88 0.00	25.67 1.82 -0.04	24.74 1.60 0.00	22.88 1.48 0.00
LISF__SOLAR 323691	19.68 1.68 -0.79	14.98 1.31 -0.98	13.71 1.22 0.00	12.03 0.98 0.00	10.59 0.73 0.00	17.22 1.11 0.00	21.09 1.23 0.00	25.81 1.60 0.00	25.49 1.58 0.00	20.45 1.22 0.00	22.55 1.39 -0.19	22.85 1.56 -0.89	24.09 1.42 -4.50	24.82 1.79 -2.46	29.53 1.96 -3.28	38.29 1.85 -9.61	43.40 2.53 0.00	62.80 2.85 0.00	66.78 3.37 0.00	40.45 2.18 0.00	30.10 1.94 0.00	25.72 1.87 -0.04	24.78 1.64 0.00	22.92 1.51 0.00

LITTLE FALLS___HYD 24013	17.63 0.42 0.00	13.02 0.33 0.00	12.82 0.33 0.00	11.36 0.31 0.00	10.11 0.25 0.00	16.55 0.45 0.00	20.46 0.60 0.00	25.01 0.79 0.00	24.63 0.73 0.00	19.74 0.51 0.00	21.06 0.09 0.00	20.39 -0.01 0.00	18.13 -0.04 0.00	20.51 -0.06 0.00	24.41 0.12 0.00	27.21 0.38 0.00	41.52 0.66 0.00	60.80 0.85 0.00	64.32 0.91 0.00	38.76 0.49 0.00	28.66 0.50 0.00	24.27 0.46 0.00	23.45 0.31 0.00	21.61 0.21 0.00
LITTLRIV_115KV_TB1 356100	17.77 0.56 0.00	21.04 0.29 -8.06	33.56 0.29 -20.79	30.77 0.27 -19.44	24.46 0.32 -14.28	16.73 0.62 0.00	31.47 1.17 -10.43	53.26 1.59 -27.45	33.45 1.41 -8.14	19.72 0.49 0.00	21.39 0.42 0.00	20.62 0.22 0.00	18.15 -0.03 -0.01	20.59 0.03 0.00	24.60 0.31 0.00	27.73 0.90 0.00	43.68 2.81 0.00	65.54 5.59 0.00	68.84 5.43 0.00	54.40 2.47 -13.66	59.10 1.39 -29.55	51.76 0.95 -26.99	50.30 0.70 -26.46	41.24 0.55 -19.28
LI_NEWBRDGE___DRP 323616	19.30 1.30 -0.79	14.69 1.03 -0.98	13.44 0.95 0.00	11.83 0.78 0.00	10.45 0.59 0.00	17.05 0.94 0.00	20.93 1.07 0.00	25.66 1.45 0.00	25.39 1.49 0.00	20.43 1.20 0.00	22.59 1.43 -0.19	22.89 1.60 -0.89	24.15 1.47 -4.50	24.82 1.79 -2.46	29.51 1.94 -3.28	38.18 1.74 -9.61	43.17 2.30 0.00	63.00 3.05 0.00	66.73 3.33 0.00	40.39 2.12 0.00	30.00 1.84 0.00	25.59 1.74 -0.04	24.66 1.52 0.00	22.79 1.38 0.00
LOCKPORT_115KV_TB60_63_64 80432	15.51 -1.69 0.00	11.40 -1.29 0.00	11.14 -1.35 0.00	9.86 -1.19 0.00	8.90 -0.96 0.00	14.56 -1.55 0.00	17.98 -1.88 0.00	21.85 -2.37 0.00	21.51 -2.39 0.00	17.31 -1.92 0.00	19.33 -1.64 0.00	18.80 -1.60 0.00	16.79 -1.38 0.00	18.94 -1.63 0.00	22.21 -2.08 0.00	24.48 -2.35 0.00	37.45 -3.42 0.00	54.83 -5.12 0.00	57.49 -5.92 0.00	34.93 -3.34 0.00	25.58 -2.58 0.00	21.70 -2.12 0.00	21.37 -1.77 0.00	19.63 -1.77 0.00
LOCKPORT___CC1 323769	15.51 -1.70 0.00	11.39 -1.30 0.00	11.13 -1.35 0.00	9.85 -1.20 0.00	8.89 -0.97 0.00	14.55 -1.55 0.00	17.96 -1.90 0.00	21.81 -2.40 0.00	21.49 -2.42 0.00	17.30 -1.93 0.00	19.32 -1.65 0.00	18.80 -1.59 0.00	16.79 -1.38 0.00	18.96 -1.60 0.00	22.21 -2.08 0.00	24.47 -2.36 0.00	37.41 -3.45 0.00	54.77 -5.18 0.00	57.47 -5.94 0.00	34.91 -3.36 0.00	25.54 -2.62 0.00	21.67 -2.15 0.00	21.33 -1.81 0.00	19.62 -1.79 0.00
LOCKPORT___CC2 323770	15.51 -1.70 0.00	11.39 -1.30 0.00	11.13 -1.35 0.00	9.85 -1.20 0.00	8.89 -0.97 0.00	14.55 -1.55 0.00	17.96 -1.90 0.00	21.81 -2.40 0.00	21.49 -2.42 0.00	17.30 -1.93 0.00	19.32 -1.65 0.00	18.80 -1.59 0.00	16.79 -1.38 0.00	18.96 -1.60 0.00	22.21 -2.08 0.00	24.47 -2.36 0.00	37.41 -3.45 0.00	54.77 -5.18 0.00	57.47 -5.94 0.00	34.91 -3.36 0.00	25.54 -2.62 0.00	21.67 -2.15 0.00	21.33 -1.81 0.00	19.62 -1.79 0.00
LOCKPORT___CC3 323771	15.51 -1.70 0.00	11.39 -1.30 0.00	11.13 -1.35 0.00	9.85 -1.20 0.00	8.89 -0.97 0.00	14.55 -1.55 0.00	17.96 -1.90 0.00	21.81 -2.40 0.00	21.49 -2.42 0.00	17.30 -1.93 0.00	19.32 -1.65 0.00	18.80 -1.59 0.00	16.79 -1.38 0.00	18.96 -1.60 0.00	22.21 -2.08 0.00	24.47 -2.36 0.00	37.41 -3.45 0.00	54.77 -5.18 0.00	57.47 -5.94 0.00	34.91 -3.36 0.00	25.54 -2.62 0.00	21.67 -2.15 0.00	21.33 -1.81 0.00	19.62 -1.79 0.00
LONG_LAKE_PHOENIX 24014	16.78 -0.43 0.00	12.36 -0.33 0.00	12.14 -0.34 0.00	10.76 -0.30 0.00	9.60 -0.26 0.00	15.67 -0.43 0.00	19.32 -0.54 0.00	24.13 -0.52 -0.44	24.12 -0.25 -0.46	18.64 -0.59 0.00	20.32 -0.65 0.00	19.74 -0.66 0.00	17.60 -0.56 0.00	19.91 -0.66 0.00	23.77 -0.52 0.00	26.01 -0.82 0.00	39.77 -1.10 0.00	58.37 -1.59 0.00	61.67 -1.74 0.00	37.22 -1.06 0.00	27.34 -0.82 0.00	23.11 -0.71 0.00	22.47 -0.66 0.00	20.86 -0.55 0.00
LOVETT___3 23632	16.26 0.92 1.86	13.42 0.73 0.00	13.17 0.68 0.00	11.66 0.61 0.00	10.37 0.51 0.00	17.00 0.89 0.00	20.99 1.13 0.00	25.75 1.54 0.00	25.48 1.58 0.00	20.51 1.28 0.00	21.26 1.39 1.11	16.59 1.40 5.21	-6.94 1.24 26.35	7.63 1.49 14.41	6.86 1.75 19.18	-27.69 1.69 56.21	43.25 2.38 0.00	63.53 3.58 0.00	67.37 3.96 0.00	40.61 2.34 0.00	29.96 1.80 0.00	25.16 1.55 0.20	24.54 1.40 0.00	22.63 1.23 0.00
LOVETT___4 23642	16.26 0.92 1.86	13.42 0.73 0.00	13.17 0.68 0.00	11.66 0.61 0.00	10.37 0.51 0.00	17.00 0.89 0.00	20.99 1.13 0.00	25.75 1.54 0.00	25.48 1.58 0.00	20.51 1.28 0.00	21.26 1.39 1.11	16.59 1.40 5.21	-6.94 1.24 26.35	7.63 1.49 14.41	6.86 1.75 19.18	-27.69 1.69 56.21	43.25 2.38 0.00	63.53 3.58 0.00	67.37 3.96 0.00	40.61 2.34 0.00	29.96 1.80 0.00	25.16 1.55 0.20	24.54 1.40 0.00	22.63 1.23 0.00
LOVETT___5 23593	16.26 0.92 1.86	13.42 0.73 0.00	13.17 0.68 0.00	11.66 0.61 0.00	10.37 0.51 0.00	17.00 0.89 0.00	20.99 1.13 0.00	25.75 1.54 0.00	25.48 1.58 0.00	20.51 1.28 0.00	21.26 1.39 1.11	16.59 1.40 5.21	-6.94 1.24 26.35	7.63 1.49 14.41	6.86 1.75 19.18	-27.69 1.69 56.21	43.25 2.38 0.00	63.53 3.58 0.00	67.37 3.96 0.00	40.61 2.34 0.00	29.96 1.80 0.00	25.16 1.55 0.20	24.54 1.40 0.00	22.63 1.23 0.00
LOWER RAQUET___HYD 24057	17.44 0.23 0.00	20.82 0.06 -8.06	33.33 0.06 -20.79	30.56 0.06 -19.44	24.27 0.13 -14.28	16.38 0.27 0.00	31.00 0.70 -10.43	52.67 1.01 -27.45	32.93 0.88 -8.14	19.46 0.23 0.00	21.11 0.14 0.00	20.35 -0.05 0.00	17.97 -0.21 -0.01	20.33 -0.23 0.00	24.29 0.00 0.00	27.30 0.47 0.00	42.82 1.96 0.00	63.99 4.04 0.00	67.21 3.80 0.00	53.44 1.51 -13.66	58.42 0.71 -29.55	51.21 0.41 -26.99	49.82 0.22 -26.46	40.83 0.14 -19.28
LOWER___HUDSON 24059	18.11 0.79 -0.10	13.29 0.60 0.00	13.08 0.60 0.00	11.58 0.52 0.00	10.31 0.45 0.00	16.88 0.77 0.00	20.81 0.96 0.00	25.43 1.21 0.00	25.12 1.22 0.00	20.19 0.96 0.00	21.99 0.96 -0.06	21.57 0.88 -0.29	20.41 0.78 -1.46	22.26 0.90 -0.80	26.50 1.15 -1.06	31.19 1.25 -3.12	42.65 1.78 0.00	62.44 2.49 0.00	66.11 2.70 0.00	39.97 1.70 0.00	29.48 1.33 0.00	24.94 1.11 -0.01	24.19 1.05 0.00	22.34 0.93 0.00
LOWVILLE_115KV_TB2 356335	16.85 -0.36 0.00	14.72 -0.27 -2.30	18.11 -0.31 -5.93	16.33 -0.26 -5.55	13.74 -0.19 -4.07	15.85 -0.25 0.00	22.85 0.01 -2.98	32.44 0.30 -7.92	26.55 0.27 -2.38	19.15 -0.08 0.00	20.68 -0.29 0.00	19.95 -0.45 0.00	17.83 -0.34 0.00	20.03 -0.53 0.00	23.96 -0.33 0.00	26.81 -0.02 0.00	41.90 1.03 0.00	62.05 2.10 0.00	64.80 1.39 0.00	42.17 0.00 -3.90	36.18 -0.40 -8.43	31.04 -0.48 -7.70	30.11 -0.57 -7.55	26.32 -0.58 -5.50
LUTHERFT_115KV_GLOB_FND_222 355753	18.24 0.93 -0.10	13.37 0.68 0.00	13.15 0.67 0.00	11.64 0.59 0.00	10.38 0.52 0.00	17.02 0.92 0.00	21.02 1.17 0.00	25.67 1.46 0.00	25.34 1.44 0.00	20.34 1.11 0.00	22.11 1.08 -0.06	21.63 0.96 -0.27	20.37 0.83 -1.38	22.29 0.97 -0.75	26.55 1.26 -1.00	31.21 1.44 -2.94	43.11 2.24 0.00	63.15 3.20 0.00	66.83 3.43 0.00	40.36 2.09 0.00	29.72 1.56 0.00	25.13 1.30 -0.01	24.37 1.24 0.00	22.50 1.09 0.00

LUTHERNY_35_KV_BK2 355980	18.25 0.94 -0.10	13.38 0.69 0.00	13.16 0.67 0.00	11.65 0.59 0.00	10.39 0.52 0.00	17.02 0.92 0.00	21.03 1.18 0.00	25.68 1.47 0.00	25.35 1.45 0.00	20.36 1.13 0.00	22.12 1.09 -0.06	21.64 0.97 -0.27	20.38 0.84 -1.38	22.30 0.99 -0.75	26.57 1.28 -1.00	31.23 1.46 -2.94	43.14 2.27 0.00	63.20 3.25 0.00	66.89 3.48 0.00	40.39 2.12 0.00	29.74 1.58 0.00	25.14 1.32 -0.01	24.38 1.25 0.00	22.51 1.11 0.00
LWR___OSWEGATCHIE_HYD 23850	17.12 -0.09 0.00	18.03 -0.13 -5.47	26.44 -0.15 -14.11	24.12 -0.12 -13.19	19.51 -0.05 -9.69	16.08 -0.02 0.00	27.27 0.32 -7.08	43.50 0.61 -18.67	30.00 0.54 -5.55	19.24 0.02 0.00	20.83 0.07 0.00	20.07 -0.33 0.00	17.83 -0.34 0.00	20.10 -0.46 0.00	24.05 -0.24 0.00	26.94 0.11 0.00	42.26 1.40 0.00	62.85 2.90 0.00	65.91 2.50 0.00	48.24 0.70 -9.27	48.33 0.12 -20.05	42.06 -0.07 -18.32	40.87 -0.23 -17.96	34.23 -0.26 -13.09
LYONS_FALL_HYD 23570	17.12 -0.09 0.00	14.14 -0.08 -1.52	16.31 -0.10 -3.93	14.65 -0.08 -3.67	12.52 -0.04 -2.70	16.09 -0.01 0.00	22.03 0.19 -1.98	29.95 0.45 -5.28	25.93 0.44 -1.59	19.38 0.15 0.00	20.98 0.02 0.00	20.30 -0.10 0.00	18.09 -0.08 0.00	20.38 -0.18 0.00	24.26 -0.03 0.00	27.04 0.21 0.00	41.89 1.03 1.90	61.85 1.45 1.90	64.86 1.45 0.00	41.20 0.35 -2.58	33.73 -0.01 -5.58	28.83 -0.09 -5.10	27.96 -0.18 -5.00	24.83 -0.22 -3.64
MADISON___COUNTY_LFGE 323628	17.47 0.26 0.00	13.32 0.16 -0.46	13.83 0.15 -1.19	12.32 0.16 -1.11	10.84 0.16 -0.81	16.42 0.32 0.00	20.94 0.47 -0.61	26.80 0.79 -1.79	25.26 0.81 -0.55	19.80 0.57 0.00	21.45 0.48 0.00	20.76 0.36 0.00	18.42 0.25 0.00	20.86 0.30 0.00	24.65 0.37 0.00	27.26 0.43 0.00	41.84 0.97 0.00	61.60 1.65 0.00	64.97 1.56 0.00	39.88 0.83 -0.78	30.35 0.51 -1.69	25.75 0.39 -1.54	25.00 0.35 -1.51	22.79 0.28 -1.10
MALONE___115KV_TB1 356076	17.17 -0.04 0.00	27.14 -0.19 -14.63	50.05 -0.15 -37.72	46.18 -0.15 -35.28	35.69 -0.08 -25.91	16.04 -0.07 0.00	38.89 0.10 -18.93	74.06 0.14 -49.70	38.73 0.12 -14.70	19.23 0.00 0.00	21.02 0.05 0.00	20.28 -0.11 0.00	17.92 -0.26 -0.01	20.23 -0.33 0.00	24.05 -0.24 0.00	26.92 0.09 0.00	41.53 0.66 0.00	61.59 1.64 0.00	64.91 1.50 0.00	63.39 0.34 -24.78	81.78 0.01 -53.61	72.68 -0.12 -48.97	70.95 -0.21 -48.02	56.15 -0.25 -34.99
MAPLEWOD_115KV_TB3 80458	18.02 0.71 -0.10	13.24 0.55 0.00	13.03 0.55 0.00	11.54 0.48 0.00	10.28 0.42 0.00	16.79 0.69 0.00	20.70 0.84 0.00	25.31 1.09 0.00	25.00 1.10 0.00	20.11 0.88 0.00	21.91 0.87 -0.06	21.49 0.80 -0.29	20.34 0.73 -1.45	22.18 0.83 -0.79	26.38 1.04 -1.05	31.07 1.16 -3.09	42.53 1.66 0.00	62.33 2.38 0.00	65.96 2.55 0.00	39.85 1.58 0.00	29.39 1.23 0.00	24.86 1.03 -0.01	24.09 0.96 0.00	22.24 0.83 0.00
MAPLE_RIDGE_WT_1 323574	-39.00 -0.65 55.56	-39.00 -0.49 51.20	-39.00 -0.48 51.01	-39.00 -0.43 49.62	-39.00 -0.37 48.49	-39.00 -0.61 54.50	-14.76 -0.72 33.90	-39.00 -0.90 62.31	-34.08 -0.92 57.06	-6.19 -0.73 24.69	20.26 -0.71 0.00	19.89 -0.51 0.00	17.78 -0.39 0.00	20.10 -0.46 0.00	23.77 -0.52 0.00	26.36 -0.46 0.00	40.29 -0.58 0.00	58.87 -1.08 0.00	61.77 -1.64 0.00	24.67 -1.29 12.30	-39.00 -1.03 66.13	-39.00 -0.89 61.93	-39.00 -0.87 61.27	-39.00 -0.81 59.60
MAPLE_RIDGE_WT_2 323611	-39.00 -0.65 55.56	-39.00 -0.49 51.20	-39.00 -0.48 51.01	-39.00 -0.43 49.62	-39.00 -0.37 48.49	-39.00 -0.61 54.50	-14.76 -0.72 33.90	-39.00 -0.90 62.31	-34.08 -0.92 57.06	-6.19 -0.73 24.69	20.26 -0.71 0.00	19.89 -0.51 0.00	17.78 -0.39 0.00	20.10 -0.46 0.00	23.77 -0.52 0.00	26.36 -0.46 0.00	40.29 -0.58 0.00	58.87 -1.08 0.00	61.77 -1.64 0.00	24.67 -1.29 12.30	-39.00 -1.03 66.13	-39.00 -0.89 61.93	-39.00 -0.87 61.27	-39.00 -0.81 59.60
MARBLE_RIVER_WT_PWR 323696	16.65 -0.56 0.00	-1.17 -0.79 13.07	-21.72 -0.52 33.69	-21.00 -0.54 31.51	-13.79 -0.51 23.14	15.33 -0.78 0.00	2.08 -0.88 16.91	-21.00 -0.95 44.27	9.84 -1.02 13.04	18.46 -0.77 0.00	20.41 -0.56 0.00	19.53 -0.87 0.00	17.07 -1.08 0.01	19.42 -1.14 0.00	23.26 -1.02 0.00	26.07 -0.75 0.00	39.95 -0.92 0.00	59.25 -0.70 0.00	62.66 -0.75 0.00	14.51 -1.62 22.14	-21.00 -1.27 47.89	-21.00 -1.07 43.74	-21.00 -1.24 42.90	-11.16 -1.29 31.27
MARSHVLE_115KV_TB1 80742	18.02 0.73 -0.08	13.21 0.52 0.00	12.97 0.48 0.00	11.49 0.44 0.00	10.27 0.42 0.00	16.82 0.71 0.00	20.84 0.98 0.00	25.41 1.20 0.00	25.04 1.14 0.00	20.02 0.79 0.00	21.62 0.61 -0.05	21.12 0.50 -0.22	19.73 0.43 -1.13	21.65 0.47 -0.61	25.61 0.50 -0.82	30.13 0.90 -2.40	42.87 2.00 0.00	63.12 3.17 0.00	66.57 3.17 0.00	40.02 1.75 0.00	29.29 1.13 0.00	24.78 0.96 -0.01	24.03 0.90 0.00	22.23 0.83 0.00
MARSH_HILL_WT_PWR 323713	15.54 -1.67 0.00	11.39 -1.30 0.00	11.14 -1.34 0.00	9.97 -1.09 0.00	8.87 -0.99 0.00	14.50 -1.61 0.00	17.86 -1.99 0.00	21.73 -2.49 0.00	21.47 -2.43 0.00	17.13 -2.10 0.00	18.94 -2.03 0.00	18.38 -2.02 0.00	16.28 -1.89 0.00	18.63 -1.94 0.00	21.99 -2.30 0.00	24.13 -2.69 0.00	37.71 -3.16 0.00	55.44 -4.51 0.00	58.02 -5.39 0.00	34.77 -3.50 0.00	25.23 -2.93 0.00	21.18 -2.64 0.00	20.76 -2.37 0.00	19.06 -2.35 0.00
MCINTYRE_115KV_TB2 80467	18.03 0.82 0.00	21.23 0.47 -8.06	33.74 0.47 -20.79	30.94 0.44 -19.44	24.62 0.48 -14.28	17.00 0.90 0.00	31.85 1.56 -10.43	53.73 2.06 -27.45	33.85 1.80 -8.14	19.88 0.65 0.00	21.56 0.59 0.00	20.80 0.41 0.00	18.24 0.07 -0.01	20.74 0.18 0.00	24.79 0.51 0.00	28.01 1.18 0.00	44.32 3.45 0.00	66.78 6.82 0.00	70.15 6.74 0.00	55.17 3.24 -13.66	59.63 1.92 -29.55	52.19 1.38 -26.99	50.69 1.09 -26.46	41.57 0.88 -19.28
MECO_____69_KV_BK1 80468	18.30 1.01 -0.08	13.41 0.72 0.00	13.18 0.69 0.00	11.67 0.61 0.00	10.43 0.57 0.00	17.08 0.98 0.00	21.18 1.32 0.00	25.84 1.63 0.00	25.43 1.53 0.00	20.33 1.10 0.00	21.75 0.73 -0.05	21.09 0.46 -0.24	19.75 0.38 -1.20	21.66 0.45 -0.66	25.73 0.58 -0.87	30.51 1.13 -2.55	43.50 2.64 0.00	64.17 4.22 0.00	67.76 4.35 0.00	40.78 2.51 0.00	29.89 1.73 0.00	25.25 1.43 -0.01	24.45 1.31 0.00	22.58 1.17 0.00
MENANDS___115KV_TB5 355628	17.95 0.63 -0.10	13.19 0.50 0.00	12.99 0.50 0.00	11.50 0.45 0.00	10.24 0.38 0.00	16.72 0.62 0.00	20.60 0.74 0.00	25.19 0.97 0.00	24.90 0.99 0.00	20.02 0.79 0.00	21.82 0.79 -0.06	21.43 0.74 -0.29	20.30 0.68 -1.45	22.13 0.78 -0.79	26.31 0.97 -1.06	30.97 1.04 -3.09	42.31 1.44 0.00	61.97 2.02 0.00	65.59 2.18 0.00	39.65 1.38 0.00	29.25 1.09 0.00	24.75 0.92 -0.01	23.98 0.85 0.00	22.15 0.74 0.00
MG INDUSTRY___DRP 24185	17.90 0.61 -0.08	13.17 0.48 0.00	12.98 0.49 0.00	11.48 0.43 0.00	10.23 0.37 0.00	16.69 0.59 0.00	20.55 0.69 0.00	25.10 0.88 0.00	24.80 0.89 0.00	19.92 0.69 0.00	21.65 0.63 -0.05	21.21 0.57 -0.23	19.84 0.51 -1.17	21.77 0.57 -0.64	25.87 0.73 -0.85	30.22 0.89 -2.50	42.20 1.33 0.00	61.87 1.92 0.00	65.40 1.99 0.00	39.53 1.26 0.00	29.14 0.99 0.00	24.66 0.83 -0.01	23.91 0.77 0.00	22.09 0.68 0.00

MID___OSWEGATCHIE_HYD 23849	17.12 -0.09 0.00	18.03 -0.13 -5.47	26.44 -0.15 -14.11	24.12 -0.12 -13.19	19.51 -0.05 -9.69	16.08 -0.02 0.00	27.27 0.32 -7.08	43.50 0.61 -18.67	30.00 0.54 -5.55	19.24 0.02 0.00	20.83 -0.14 0.00	20.07 -0.33 0.00	17.83 -0.34 0.00	20.10 -0.46 0.00	24.05 -0.24 0.00	26.94 0.11 0.00	42.26 1.40 0.00	62.85 2.90 0.00	65.91 2.50 0.00	48.24 0.70 -9.27	48.33 0.12 -20.05	42.06 -0.07 -18.32	40.87 -0.23 -17.96	34.23 -0.26 -13.09
MID___RAQUETTE_HYD 23851	17.44 0.24 0.00	20.82 0.06 -8.06	33.33 0.06 -20.79	30.56 0.06 -19.44	24.27 0.13 -14.28	16.38 0.27 0.00	31.00 0.70 -10.43	52.68 1.01 -27.45	32.93 0.88 -8.14	19.46 0.23 0.00	21.11 0.14 0.00	20.35 -0.05 0.00	17.97 -0.21 -0.01	20.33 -0.23 0.00	24.29 0.00 0.00	27.30 0.47 0.00	42.82 1.96 0.00	64.00 4.04 0.00	67.21 3.80 0.00	53.45 1.52 -13.66	58.42 0.72 -29.55	51.22 0.41 -26.99	49.82 0.22 -26.46	40.83 0.14 -19.28
MILLIKEN___1 23584	17.20 -0.01 0.00	12.64 -0.05 0.00	12.41 -0.07 0.00	11.01 -0.04 0.00	9.83 -0.03 0.00	16.08 -0.02 0.00	19.86 0.00 0.00	24.37 0.16 0.00	24.04 0.14 0.00	19.12 -0.11 0.00	20.80 -0.17 0.00	20.24 -0.16 0.00	18.01 -0.15 0.00	20.38 -0.18 0.00	24.23 -0.06 0.00	26.68 -0.15 0.00	40.96 0.09 0.00	60.21 0.26 0.00	63.69 0.29 0.00	38.38 0.11 0.00	28.14 -0.02 0.00	23.78 -0.04 0.00	23.10 -0.04 0.00	21.34 -0.06 0.00
MILLIKEN___2 23585	17.20 -0.01 0.00	12.64 -0.05 0.00	12.41 -0.07 0.00	11.01 -0.04 0.00	9.83 -0.03 0.00	16.08 -0.02 0.00	19.86 0.00 0.00	24.37 0.16 0.00	24.04 0.14 0.00	19.12 -0.11 0.00	20.80 -0.17 0.00	20.24 -0.16 0.00	18.01 -0.15 0.00	20.38 -0.18 0.00	24.23 -0.06 0.00	26.68 -0.15 0.00	40.96 0.09 0.00	60.21 0.26 0.00	63.69 0.29 0.00	38.38 0.11 0.00	28.14 -0.02 0.00	23.78 -0.04 0.00	23.10 -0.04 0.00	21.34 -0.06 0.00
MILLIKEN___DIESEL 23629	17.20 -0.01 0.00	12.64 -0.05 0.00	12.41 -0.07 0.00	11.01 -0.04 0.00	9.83 -0.03 0.00	16.08 -0.02 0.00	19.86 0.00 0.00	24.37 0.16 0.00	24.04 0.14 0.00	19.12 -0.11 0.00	20.80 -0.17 0.00	20.24 -0.16 0.00	18.01 -0.15 0.00	20.38 -0.18 0.00	24.23 -0.06 0.00	26.68 -0.15 0.00	40.96 0.09 0.00	60.21 0.26 0.00	63.69 0.29 0.00	38.38 0.11 0.00	28.14 -0.02 0.00	23.78 -0.04 0.00	23.10 -0.04 0.00	21.34 -0.06 0.00
MILLSEAT___LFGE 323607	15.91 -1.30 0.00	11.68 -1.01 0.00	11.42 -1.06 0.00	10.10 -0.95 0.00	9.12 -0.74 0.00	14.93 -1.17 0.00	18.48 -1.38 0.00	22.49 -1.73 0.00	22.10 -1.81 0.00	17.75 -1.49 0.00	19.74 -1.23 0.00	19.26 -1.14 0.00	17.14 -1.03 0.00	19.36 -1.20 0.00	22.71 -1.58 0.00	25.11 -1.72 0.00	38.56 -2.30 0.00	56.57 -3.38 0.00	59.37 -4.04 0.00	35.99 -2.28 0.00	26.31 -1.85 0.00	22.29 -1.52 0.00	21.88 -1.26 0.00	20.11 -1.29 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.55 0.97 -0.36	13.45 0.76 0.00	13.21 0.72 0.00	11.69 0.64 0.00	10.40 0.54 0.00	17.03 0.93 0.00	21.04 1.18 0.00	25.80 1.59 0.00	25.54 1.64 0.00	20.56 1.33 0.00	22.64 1.45 -0.22	22.87 1.45 -1.02	24.63 1.29 -5.17	24.93 1.54 -2.83	29.88 1.83 -3.76	39.63 1.78 -11.02	43.38 2.51 0.00	63.70 3.75 0.00	67.49 4.08 0.00	40.71 2.44 0.00	30.05 1.89 0.00	25.48 1.62 -0.04	24.61 1.47 0.00	22.69 1.28 0.00
MILLWOOD_13_KV_LOAD 356217	18.57 0.99 -0.36	13.47 0.78 0.00	13.22 0.74 0.00	11.70 0.65 0.00	10.41 0.55 0.00	17.05 0.95 0.00	21.06 1.21 0.00	25.84 1.63 0.00	25.58 1.68 0.00	20.59 1.36 0.00	22.67 1.49 -0.22	22.90 1.48 -1.02	24.65 1.32 -5.17	24.96 1.57 -2.83	29.91 1.87 -3.76	39.67 1.82 -11.02	43.45 2.58 0.00	63.81 3.86 0.00	67.61 4.20 0.00	40.78 2.51 0.00	30.09 1.93 0.00	25.51 1.66 -0.04	24.63 1.50 0.00	22.72 1.31 0.00
MODEL_CITY_ENERGY 24167	15.33 -1.88 0.00	11.26 -1.43 0.00	11.01 -1.48 0.00	9.74 -1.31 0.00	8.80 -1.06 0.00	14.39 -1.71 0.00	17.75 -2.11 0.00	21.54 -2.67 0.00	21.22 -2.69 0.00	17.10 -2.13 0.00	19.10 -1.87 0.00	18.59 -1.80 0.00	16.60 -1.57 0.00	18.74 -1.82 0.00	21.95 -2.34 0.00	24.18 -2.65 0.00	36.93 -3.94 0.00	54.03 -5.93 0.00	56.66 -6.74 0.00	34.45 -3.82 0.00	25.24 -2.93 0.00	21.42 -2.40 0.00	21.11 -2.03 0.00	19.40 -2.00 0.00
MODERN_LFGE___ 323580	15.33 -1.88 0.00	11.26 -1.43 0.00	11.01 -1.48 0.00	9.74 -1.31 0.00	8.80 -1.06 0.00	14.39 -1.71 0.00	17.75 -2.11 0.00	21.54 -2.67 0.00	21.22 -2.69 0.00	17.10 -2.13 0.00	19.10 -1.87 0.00	18.59 -1.80 0.00	16.60 -1.57 0.00	18.74 -1.82 0.00	21.95 -2.34 0.00	24.18 -2.65 0.00	36.93 -3.94 0.00	54.03 -5.93 0.00	56.66 -6.74 0.00	34.45 -3.82 0.00	25.24 -2.93 0.00	21.42 -2.40 0.00	21.11 -2.03 0.00	19.40 -2.00 0.00
MOHAWK_PAPER___DRP 24187	18.02 0.71 -0.10	13.24 0.55 0.00	13.03 0.55 0.00	11.54 0.48 0.00	10.28 0.42 0.00	16.79 0.69 0.00	20.70 0.84 0.00	25.31 1.09 0.00	25.00 1.10 0.00	20.11 0.88 0.00	21.91 0.87 -0.06	21.49 0.80 -0.29	20.34 0.73 -1.45	22.18 0.83 -0.79	26.38 1.04 -1.05	31.07 1.16 -3.09	42.53 1.66 0.00	62.33 2.38 0.00	65.96 2.55 0.00	39.85 1.58 0.00	29.39 1.23 0.00	24.86 1.03 -0.01	24.09 0.96 0.00	22.24 0.83 0.00
MOHICAN___35_KV_115KV_LD 80490	18.34 1.03 -0.10	13.39 0.70 0.00	13.16 0.68 0.00	11.65 0.60 0.00	10.40 0.54 0.00	17.12 1.02 0.00	21.21 1.35 0.00	25.89 1.68 0.00	25.57 1.66 0.00	20.48 1.25 0.00	22.22 1.19 -0.06	21.71 1.04 -0.27	20.38 0.84 -1.37	22.32 1.01 -0.75	26.63 1.34 -1.00	31.29 1.54 -2.93	43.37 2.50 0.00	63.37 3.42 0.00	67.14 3.73 0.00	40.56 2.29 0.00	29.78 1.62 0.00	25.19 1.36 -0.01	24.46 1.32 0.00	22.56 1.15 0.00
MONGAUP___HYD 23641	17.32 1.03 0.92	13.49 0.80 0.00	13.24 0.75 0.00	11.72 0.67 0.00	10.43 0.57 0.00	17.11 1.01 0.00	21.17 1.32 0.00	25.95 1.74 0.00	25.62 1.71 0.00	20.49 1.26 0.00	21.64 1.22 0.55	18.96 1.14 2.58	6.12 1.01 13.06	14.63 1.22 7.14	16.29 1.51 9.50	0.60 1.63 27.86	43.43 2.56 0.00	63.98 4.03 0.00	67.92 4.52 0.00	40.99 2.72 0.00	30.23 2.07 0.00	25.45 1.74 0.10	24.72 1.58 0.00	22.77 1.37 0.00
MONTAUK___DIESEL 23721	19.85 1.85 -0.79	15.15 1.48 -0.98	13.87 1.39 0.00	12.13 1.08 0.00	10.60 0.74 0.00	16.90 0.80 0.00	20.61 0.75 0.00	25.37 1.16 0.00	25.03 1.12 0.00	20.09 0.86 0.00	22.03 0.87 -0.19	22.27 0.98 -0.89	23.54 0.87 -4.50	24.23 1.20 -2.46	28.84 1.27 -3.28	37.58 1.15 -9.61	42.40 1.53 0.00	61.31 1.36 0.00	65.27 1.87 0.00	39.51 1.24 0.00	29.33 1.17 0.00	25.03 1.17 -0.04	24.07 0.94 0.00	22.24 0.84 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	15.75 -1.45 0.00	11.63 -1.06 0.00	11.25 -1.24 0.00	10.03 -1.03 0.00	9.01 -0.85 0.00	14.79 -1.31 0.00	18.26 -1.60 0.00	22.28 -1.94 0.00	22.08 -1.82 0.00	6.29 -1.61 11.33	-6.73 -1.42 26.27	-4.32 -1.36 23.36	-22.26 -1.19 39.24	-34.97 -1.34 54.19	17.30 -1.72 5.27	24.90 -1.93 0.00	38.34 -2.53 0.00	56.65 -3.30 0.00	60.02 -3.38 0.00	35.61 -2.66 0.00	25.84 -2.32 0.00	21.87 -1.94 0.00	21.36 -1.78 0.00	19.61 -1.80 0.00

MORRIS_RIDGE___SOLAR 323848	15.87 -1.34 0.00	11.58 -1.10 0.00	11.35 -1.14 0.00	10.13 -0.93 0.00	9.04 -0.82 0.00	14.82 -1.28 0.00	18.28 -1.58 0.00	22.21 -2.00 0.00	21.88 -2.02 0.00	17.40 -1.82 0.00	19.32 -1.65 0.00	18.70 -1.70 0.00	16.61 -1.56 0.00	18.86 -1.70 0.00	22.24 -2.04 0.00	24.51 -2.31 0.00	38.11 -2.76 0.00	56.15 -3.81 0.00	59.07 -4.33 0.00	35.59 -2.68 0.00	25.89 -2.27 0.00	21.83 -1.99 0.00	21.37 -1.76 0.00	19.64 -1.77 0.00
MORTIMER_115KV_TB3 55949	16.24 -0.97 0.00	11.94 -0.75 0.00	11.70 -0.79 0.00	10.35 -0.70 0.00	9.30 -0.56 0.00	15.21 -0.89 0.00	18.79 -1.06 0.00	22.90 -1.31 0.00	22.55 -1.36 0.00	18.13 -1.10 0.00	20.02 -0.95 0.00	19.48 -0.91 0.00	17.36 -0.81 0.00	19.63 -0.93 0.00	23.13 -1.16 0.00	25.55 -1.28 0.00	39.11 -1.76 0.00	57.37 -2.59 0.00	60.34 -3.07 0.00	36.49 -1.78 0.00	26.71 -1.45 0.00	22.61 -1.20 0.00	22.11 -1.03 0.00	20.40 -1.00 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.65 1.12 -0.32	13.56 0.87 0.00	13.31 0.82 0.00	11.78 0.72 0.00	10.47 0.61 0.00	17.15 1.05 0.00	21.19 1.33 0.00	26.01 1.79 0.00	25.76 1.86 0.00	20.75 1.52 0.00	22.84 1.68 -0.19	22.98 1.69 -0.89	24.18 1.49 -4.52	24.81 1.78 -2.47	29.68 2.10 -3.29	38.50 2.03 -9.64	43.73 2.86 0.00	64.23 4.28 0.00	67.99 4.59 0.00	41.01 2.74 0.00	30.31 2.15 0.00	25.70 1.85 -0.04	24.82 1.68 0.00	22.87 1.47 0.00
MUNSVILLE_WIND_PWR 323609	17.59 0.44 0.05	13.04 0.35 0.00	12.82 0.33 0.00	11.41 0.35 0.00	10.22 0.36 0.00	16.78 0.68 0.00	20.88 1.02 0.00	25.60 1.38 0.00	25.20 1.30 0.00	19.92 0.69 0.00	21.72 0.78 0.03	20.79 0.54 0.15	17.97 0.56 0.76	20.70 0.56 0.41	24.55 0.81 0.55	26.16 0.97 1.63	42.76 1.89 0.00	62.65 2.70 0.00	66.42 3.01 0.00	39.96 1.69 0.00	29.23 1.07 0.00	24.71 0.90 0.01	23.85 0.71 0.00	21.94 0.54 0.00
N SALMON___HYD 24042	17.17 -0.04 0.00	27.14 -0.19 -14.63	50.04 -0.16 -37.72	46.18 -0.15 -35.28	35.69 -0.08 -25.91	16.04 -0.06 0.00	38.89 0.10 -18.93	74.05 0.13 -49.70	38.73 0.12 -14.70	19.23 0.00 0.00	21.02 0.05 0.00	20.28 -0.11 0.00	17.91 -0.26 -0.01	20.23 -0.33 0.00	24.05 -0.24 0.00	26.92 0.09 0.00	41.53 0.66 0.00	61.58 1.63 0.00	64.91 1.50 0.00	63.39 0.33 -24.78	81.77 -0.01 -53.61	72.67 -0.12 -48.97	70.95 -0.21 -48.02	56.15 -0.25 -34.99
N.AKRON__115KV_KNAPP 355671	15.79 -1.42 0.00	11.60 -1.09 0.00	11.34 -1.15 0.00	10.03 -1.02 0.00	9.06 -0.80 0.00	14.83 -1.28 0.00	18.34 -1.51 0.00	22.32 -1.90 0.00	21.95 -1.96 0.00	17.63 -1.60 0.00	19.64 -1.33 0.00	19.13 -1.26 0.00	17.13 -1.04 0.00	19.32 -1.24 0.00	22.62 -1.67 0.00	24.94 -1.89 0.00	38.25 -2.62 0.00	56.07 -3.88 0.00	58.81 -4.60 0.00	35.69 -2.58 0.00	26.10 -2.05 0.00	22.13 -1.68 0.00	21.74 -1.40 0.00	19.98 -1.43 0.00
N.BELMOR_69_KV_BK1 55787	19.42 1.42 -0.79	14.78 1.11 -0.98	13.52 1.03 0.00	11.90 0.85 0.00	10.52 0.66 0.00	17.17 1.07 0.00	21.10 1.24 0.00	25.87 1.65 0.00	25.54 1.64 0.00	20.55 1.32 0.00	22.70 1.54 -0.19	22.99 1.70 -0.89	24.24 1.56 -4.50	24.93 1.90 -2.46	29.65 2.09 -3.28	38.34 1.91 -9.61	43.46 2.59 0.00	63.48 3.52 0.00	67.22 3.81 0.00	40.70 2.43 0.00	30.26 2.10 0.00	25.82 1.97 -0.04	24.87 1.73 0.00	22.96 1.55 0.00
N.E_GEN_SANDY PD 24062	20.96 0.87 -2.89	26.00 0.67 -12.65	23.14 0.66 -10.00	25.13 0.57 -13.51	26.80 0.48 -16.45	28.99 0.84 -12.05	34.76 1.03 -13.88	30.63 1.35 -5.06	30.99 1.37 -5.72	21.32 1.11 -0.98	22.23 1.16 -0.10	21.98 1.11 -0.47	21.54 0.99 -2.39	23.02 1.15 -1.31	29.16 1.43 -3.45	41.41 1.46 -13.12	45.25 2.04 -2.34	63.07 2.86 -0.26	65.83 3.11 0.69	41.24 1.96 -1.01	34.28 1.54 -4.57	25.17 1.30 -0.04	24.35 1.21 0.00	22.48 1.07 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	16.59 0.94 1.56	13.44 0.74 0.00	13.18 0.70 0.00	11.68 0.62 0.00	10.39 0.52 0.00	17.02 0.92 0.00	21.03 1.17 0.00	25.80 1.58 0.00	25.53 1.62 0.00	20.55 1.32 0.00	21.47 1.43 0.93	17.46 1.43 4.37	-2.67 1.27 22.12	9.99 1.53 12.10	10.00 1.81 16.10	-18.60 1.75 47.18	43.35 2.48 0.00	63.67 3.72 0.00	67.55 4.14 0.00	40.72 2.45 0.00	30.03 1.87 0.00	25.24 1.59 0.17	24.59 1.45 0.00	22.67 1.27 0.00
N.QUEENS_27_KV_LOAD 356247	18.64 1.11 -0.32	13.55 0.86 0.00	13.30 0.81 0.00	11.77 0.71 0.00	10.46 0.60 0.00	17.14 1.04 0.00	21.20 1.34 0.00	26.06 1.84 0.00	25.80 1.90 0.00	20.77 1.54 0.00	22.84 1.68 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.84 1.80 -2.47	29.71 2.13 -3.29	38.53 2.06 -9.64	43.73 2.86 0.00	64.27 4.31 0.00	68.02 4.61 0.00	41.07 2.80 0.00	30.38 2.22 0.00	25.74 1.89 -0.04	24.85 1.72 0.00	22.90 1.49 0.00
N.TROY___115KV_TB1 355778	18.11 0.79 -0.10	13.29 0.60 0.00	13.08 0.60 0.00	11.58 0.52 0.00	10.31 0.45 0.00	16.88 0.77 0.00	20.81 0.95 0.00	25.43 1.21 0.00	25.13 1.22 0.00	20.19 0.96 0.00	21.99 0.96 -0.06	21.57 0.88 -0.29	20.41 0.78 -1.46	22.26 0.90 -0.80	26.50 1.15 -1.06	31.19 1.25 -3.12	42.66 1.79 0.00	62.44 2.49 0.00	66.11 2.70 0.00	39.97 1.70 0.00	29.48 1.32 0.00	24.94 1.11 -0.01	24.19 1.05 0.00	22.34 0.93 0.00
NARROWS_GT1_1 24228	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NARROWS_GT1_2 24229	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NARROWS_GT1_3 24230	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NARROWS_GT1_4 24231	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00

NARROWS_GT1_5 24232	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NARROWS_GT1_6 24233	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NARROWS_GT1_7 24234	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NARROWS_GT1_8 24235	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NARROWS_GT2_1 24236	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NARROWS_GT2_2 24237	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NARROWS_GT2_3 24238	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NARROWS_GT2_4 24239	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NARROWS_GT2_5 24240	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NARROWS_GT2_6 24241	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NARROWS_GT2_7 24242	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NARROWS_GT2_8 24243	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.16 4.76 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.11 0.90 0.00	13.36 0.67 0.00	13.17 0.69 0.00	11.65 0.60 0.00	10.39 0.53 0.00	16.97 0.87 0.00	20.95 1.09 0.00	25.63 1.42 0.00	25.30 1.40 0.00	20.27 1.04 0.00	21.82 0.85 0.00	21.08 0.68 0.00	18.76 0.59 0.00	21.23 0.67 0.00	25.20 0.92 0.00	28.10 1.27 0.00	42.97 2.10 0.00	63.16 3.21 0.00	66.78 3.38 0.00	40.33 2.06 0.00	29.68 1.52 0.00	25.05 1.23 0.00	24.25 1.12 0.00	22.37 0.96 0.00
NCHELSEA_115KV_TR2 355582	18.16 1.05 0.10	13.50 0.81 0.00	13.26 0.77 0.00	11.73 0.68 0.00	10.44 0.58 0.00	17.11 1.01 0.00	21.14 1.29 0.00	25.93 1.72 0.00	25.65 1.74 0.00	20.62 1.39 0.00	22.40 1.49 0.06	21.59 1.45 0.27	18.07 1.26 1.35	21.30 1.48 0.74	25.10 1.79 0.98	25.75 1.81 2.88	43.49 2.62 0.00	63.87 3.92 0.00	67.67 4.27 0.00	40.81 2.54 0.00	30.16 2.00 0.00	25.54 1.73 0.01	24.71 1.57 0.00	22.77 1.37 0.00
NEG CAPITAL___MECHNVIL 23645	18.27 0.96 -0.10	13.39 0.70 0.00	13.18 0.69 0.00	11.66 0.61 0.00	10.39 0.54 0.00	17.04 0.94 0.00	21.06 1.20 0.00	25.72 1.50 0.00	25.40 1.49 0.00	20.39 1.16 0.00	22.17 1.15 -0.06	21.70 1.03 -0.28	20.46 0.89 -1.40	22.37 1.04 -0.77	26.65 1.34 -1.02	31.33 1.51 -2.99	43.20 2.33 0.00	63.30 3.35 0.00	66.98 3.58 0.00	40.46 2.19 0.00	29.79 1.63 0.00	25.18 1.36 -0.01	24.42 1.28 0.00	22.54 1.13 0.00

NEG CENTRAL_HIGH_ACRES 23767	16.12 -1.08 0.00	11.85 -0.84 0.00	11.63 -0.86 0.00	10.29 -0.76 0.00	9.23 -0.63 0.00	15.10 -1.00 0.00	18.67 -1.19 0.00	22.77 -1.45 0.00	22.42 -1.48 0.00	17.98 -1.24 0.00	19.81 -1.16 0.00	19.29 -1.11 0.00	17.18 -0.98 0.00	19.45 -1.11 0.00	22.95 -1.34 0.00	25.38 -1.45 0.00	38.80 -2.07 0.00	56.90 -3.05 0.00	59.89 -3.51 0.00	36.19 -2.08 0.00	26.50 -1.66 0.00	22.41 -1.40 0.00	21.88 -1.26 0.00	20.20 -1.20 0.00
NEG CENTRAL___DRP 24199	16.82 -0.39 0.00	12.34 -0.35 0.00	12.11 -0.37 0.00	10.75 -0.30 0.00	9.60 -0.25 0.00	15.72 -0.38 0.00	19.41 -0.45 0.00	23.87 -0.34 0.00	23.53 -0.38 0.00	18.64 -0.59 0.00	20.37 -0.60 0.00	19.81 -0.58 0.00	17.62 -0.54 0.00	19.92 -0.64 0.00	23.73 -0.56 0.00	26.05 -0.78 0.00	39.92 -0.94 0.00	58.74 -1.21 0.00	62.01 -1.39 0.00	37.37 -0.90 0.00	27.43 -0.73 0.00	23.15 -0.67 0.00	22.53 -0.61 0.00	20.82 -0.59 0.00
NEG CENTRAL___INDECK 23768	16.47 -0.74 0.00	12.06 -0.63 0.00	11.81 -0.68 0.00	10.50 -0.56 0.00	9.41 -0.45 0.00	15.43 -0.67 0.00	19.12 -0.74 0.00	23.28 -0.94 0.00	22.75 -1.15 0.00	18.03 -1.19 0.00	19.91 -1.06 0.00	19.39 -1.01 0.00	17.21 -0.96 0.00	19.53 -1.04 0.00	23.06 -1.23 0.00	25.46 -1.37 0.00	39.76 -1.11 0.00	58.82 -1.13 0.00	61.92 -1.49 0.00	37.27 -0.99 0.00	27.15 -1.01 0.00	22.88 -0.93 0.00	22.34 -0.79 0.00	20.54 -0.87 0.00
NEG CENTRAL___SENECA 23627	16.74 -0.47 0.00	12.27 -0.41 0.00	12.04 -0.44 0.00	10.70 -0.36 0.00	9.56 -0.30 0.00	15.66 -0.44 0.00	19.36 -0.50 0.00	23.73 -0.48 0.00	23.38 -0.53 0.00	18.59 -0.64 0.00	20.35 -0.62 0.00	19.80 -0.60 0.00	17.60 -0.57 0.00	19.91 -0.65 0.00	23.64 -0.65 0.00	26.02 -0.81 0.00	39.93 -0.94 0.00	58.83 -1.13 0.00	62.08 -1.32 0.00	37.41 -0.87 0.00	27.45 -0.71 0.00	23.13 -0.69 0.00	22.52 -0.62 0.00	20.77 -0.64 0.00
NEG CENTRAL___STATE_STREET 24147	17.06 -0.15 0.00	12.50 -0.18 0.00	12.28 -0.21 0.00	10.88 -0.16 0.00	9.72 -0.14 0.00	15.89 -0.22 0.00	19.60 -0.25 0.00	24.16 -0.05 0.00	23.84 -0.07 0.00	18.83 -0.40 0.00	20.54 -0.44 0.00	19.97 -0.43 0.00	17.79 -0.37 0.00	20.13 -0.43 0.00	24.03 -0.25 0.00	26.37 -0.45 0.00	40.40 -0.46 0.00	59.36 -0.59 0.00	62.72 -0.68 0.00	37.82 -0.45 0.00	27.75 -0.41 0.00	23.45 -0.37 0.00	22.80 -0.33 0.00	21.10 -0.30 0.00
NEG MILLWOOD___DRP 24198	18.43 1.12 -0.10	13.55 0.86 0.00	13.30 0.82 0.00	11.77 0.72 0.00	10.47 0.61 0.00	17.17 1.06 0.00	21.22 1.36 0.00	26.03 1.82 0.00	25.74 1.84 0.00	20.71 1.48 0.00	22.63 1.60 -0.06	22.25 1.58 -0.28	20.95 1.39 -1.39	22.97 1.64 -0.76	27.27 1.97 -1.01	31.77 1.98 -2.97	43.75 2.88 0.00	64.28 4.33 0.00	68.06 4.65 0.00	41.05 2.78 0.00	30.30 2.14 0.00	25.64 1.82 -0.01	24.79 1.65 0.00	22.83 1.43 0.00
NEG NORTH_FLCN_SEA 23793	16.80 -0.41 0.00	-0.98 -0.60 13.07	-21.66 -0.46 33.69	-20.89 -0.43 31.51	-13.68 -0.39 23.15	15.55 -0.55 0.00	2.36 -0.59 16.91	-20.79 -0.72 44.28	10.14 -0.73 13.04	18.68 -0.55 0.00	20.59 -0.38 0.00	19.79 -0.61 0.00	17.34 -0.81 0.01	19.71 -0.86 0.00	23.54 -0.75 0.00	26.34 -0.48 0.00	40.35 -0.52 0.00	59.76 -0.20 0.00	63.46 0.05 0.00	15.27 -0.86 22.14	-20.55 -0.82 47.89	-20.64 -0.71 43.75	-20.58 -0.81 42.91	-10.72 -0.85 31.28
NEG NORTH_KES_CHATEGAY 23792	16.86 -0.35 0.00	-1.53 -0.42 13.80	-23.45 -0.37 35.56	-22.55 -0.34 33.26	-14.84 -0.27 24.43	15.73 -0.38 0.00	1.62 -0.39 17.85	-23.01 -0.49 46.73	9.66 -0.48 13.77	18.85 -0.37 0.00	20.68 -0.28 0.00	19.98 -0.41 0.00	17.61 -0.55 0.01	19.93 -0.63 0.00	23.66 -0.63 0.00	26.42 -0.40 0.00	40.53 -0.34 0.00	59.91 -0.04 0.00	63.20 -0.21 0.00	14.30 -0.60 23.37	-22.99 -0.60 50.55	-22.93 -0.57 46.18	-22.74 -0.60 45.29	-12.20 -0.59 33.01
NEG NORTH___ALICE_FALLS 23915	16.91 -0.30 0.00	-0.99 -0.49 13.19	-21.87 -0.37 33.99	-21.09 -0.36 31.79	-13.80 -0.31 23.35	15.68 -0.42 0.00	2.38 -0.42 17.06	-20.97 -0.51 44.67	10.24 -0.50 13.16	18.84 -0.39 0.00	20.75 -0.22 0.00	19.95 -0.44 0.00	17.51 -0.64 0.01	19.87 -0.69 0.00	23.68 -0.61 0.00	26.52 -0.31 0.00	40.67 -0.20 0.00	60.26 0.31 0.00	63.85 0.44 0.00	15.39 -0.55 22.33	-20.75 -0.60 48.31	-20.87 -0.55 44.14	-20.80 -0.65 43.28	-10.85 -0.70 31.55
NEG NORTH___LWR_SARANAC 23913	16.91 -0.30 0.00	-0.99 -0.49 13.19	-21.87 -0.37 33.99	-21.09 -0.36 31.79	-13.80 -0.31 23.35	15.68 -0.42 0.00	2.38 -0.42 17.06	-20.97 -0.51 44.67	10.24 -0.50 13.16	18.84 -0.39 0.00	20.75 -0.22 0.00	19.95 -0.44 0.00	17.51 -0.64 0.01	19.87 -0.69 0.00	23.68 -0.61 0.00	26.52 -0.31 0.00	40.67 -0.20 0.00	60.26 0.31 0.00	63.85 0.44 0.00	15.39 -0.55 22.33	-20.75 -0.60 48.31	-20.87 -0.55 44.14	-20.80 -0.65 43.28	-10.85 -0.70 31.55
NEG NORTH___PLATTSBURG 23628	16.91 -0.30 0.00	-0.99 -0.49 13.19	-21.89 -0.38 33.99	-21.10 -0.36 31.79	-13.80 -0.31 23.35	15.68 -0.42 0.00	2.38 -0.42 17.06	-20.96 -0.51 44.67	10.24 -0.50 13.16	18.85 -0.38 0.00	20.75 -0.22 0.00	19.95 -0.44 0.00	17.51 -0.65 0.01	19.87 -0.70 0.00	23.68 -0.61 0.00	26.51 -0.31 0.00	40.67 -0.20 0.00	60.25 0.30 0.00	63.85 0.44 0.00	15.40 -0.54 22.33	-20.73 -0.58 48.31	-20.86 -0.54 44.14	-20.80 -0.66 43.28	-10.85 -0.71 31.55
NEG WEST_LEA_LOCKPORT 23791	15.50 -1.71 0.00	11.39 -1.30 0.00	11.13 -1.35 0.00	9.85 -1.20 0.00	8.90 -0.96 0.00	14.55 -1.55 0.00	17.97 -1.89 0.00	21.83 -2.39 0.00	21.50 -2.41 0.00	17.29 -1.94 0.00	19.31 -1.66 0.00	18.78 -1.62 0.00	16.77 -1.40 0.00	18.92 -1.64 0.00	22.20 -2.09 0.00	24.46 -2.37 0.00	37.41 -3.46 0.00	54.78 -5.17 0.00	57.44 -5.97 0.00	34.90 -3.37 0.00	25.55 -2.61 0.00	21.67 -2.14 0.00	21.34 -1.80 0.00	19.61 -1.79 0.00
NEG WEST___LANCASTR 23811	16.38 -0.83 0.00	12.01 -0.68 0.00	11.74 -0.74 0.00	10.41 -0.65 0.00	9.36 -0.50 0.00	15.30 -0.80 0.00	18.86 -1.00 0.00	22.99 -1.22 0.00	22.73 -1.17 0.00	18.25 -0.98 0.00	20.25 -0.72 0.00	19.69 -0.71 0.00	17.56 -0.60 0.00	19.86 -0.71 0.00	23.32 -0.97 0.00	25.61 -1.22 0.00	39.24 -1.63 0.00	57.50 -2.45 0.00	60.59 -2.81 0.00	36.65 -1.62 0.00	26.75 -1.41 0.00	22.72 -1.10 0.00	22.30 -0.84 0.00	20.52 -0.88 0.00
NEG_PENN_ALLEGHNY 23528	17.05 -0.16 0.00	12.53 -0.16 0.00	12.30 -0.18 0.00	10.93 -0.12 0.00	9.74 -0.12 0.00	15.93 -0.17 0.00	19.62 -0.23 0.00	24.01 -0.20 0.00	23.76 -0.15 0.00	19.06 -0.16 0.00	20.86 -0.11 0.00	20.31 -0.08 0.00	18.09 -0.07 0.00	20.52 -0.05 0.00	24.23 -0.06 0.00	26.57 -0.26 0.00	40.58 -0.28 0.00	59.54 -0.41 0.00	63.04 -0.37 0.00	37.98 -0.30 0.00	27.84 -0.32 0.00	23.58 -0.24 0.00	22.96 -0.18 0.00	21.20 -0.20 0.00
NEG___GEN_MONROE 24207	16.28 -0.93 0.00	11.97 -0.72 0.00	11.72 -0.77 0.00	10.37 -0.68 0.00	9.32 -0.54 0.00	15.26 -0.85 0.00	18.88 -0.98 0.00	23.00 -1.22 0.00	22.62 -1.29 0.00	18.17 -1.06 0.00	20.07 -0.89 0.00	19.57 -0.83 0.00	17.41 -0.76 0.00	19.68 -0.88 0.00	23.18 -1.11 0.00	25.62 -1.21 0.00	39.30 -1.57 0.00	57.69 -2.26 0.00	60.69 -2.72 0.00	36.70 -1.57 0.00	26.86 -1.30 0.00	22.72 -1.09 0.00	22.23 -0.91 0.00	20.50 -0.91 0.00

NEPA___ENERGY 23901	16.17 -1.04 0.00	11.84 -0.84 0.00	11.56 -0.92 0.00	10.28 -0.77 0.00	9.22 -0.64 0.00	15.11 -0.99 0.00	18.61 -1.25 0.00	22.75 -1.47 0.00	22.53 -1.37 0.00	17.24 -1.11 0.87	18.08 -0.87 2.02	17.79 -0.81 1.80	14.43 -0.72 3.02	15.60 -0.79 4.17	22.83 -1.05 0.40	25.31 -1.52 0.00	38.82 -2.05 0.00	57.06 -2.90 0.00	60.57 -2.84 0.00	36.32 -1.95 0.00	26.44 -1.72 0.00	22.46 -1.35 0.00	22.02 -1.12 0.00	20.25 -1.16 0.00
NEVERSink___HYD 23608	17.92 1.09 0.38	13.53 0.85 0.00	13.29 0.81 0.00	11.77 0.72 0.00	10.48 0.62 0.00	17.18 1.08 0.00	21.26 1.41 0.00	26.07 1.86 0.00	25.76 1.85 0.00	20.68 1.45 0.00	22.25 1.51 0.23	20.77 1.44 1.07	14.00 1.28 5.44	19.11 1.52 2.98	22.18 1.85 3.96	17.11 1.88 11.60	43.74 2.87 0.00	64.35 4.40 0.00	68.28 4.87 0.00	41.14 2.87 0.00	30.31 2.15 0.00	25.61 1.83 0.04	24.80 1.67 0.00	22.85 1.44 0.00
NEWKRMKL_115KV_TB1 55635	17.87 0.56 -0.10	13.14 0.44 0.00	12.94 0.46 0.00	11.46 0.40 0.00	10.21 0.35 0.00	16.65 0.55 0.00	20.52 0.66 0.00	25.09 0.87 0.00	24.79 0.89 0.00	19.95 0.72 0.00	21.73 0.71 -0.06	21.35 0.67 -0.28	20.21 0.62 -1.42	22.03 0.69 -0.78	26.19 0.87 -1.04	30.82 0.95 -3.04	42.19 1.33 0.00	61.83 1.88 0.00	65.40 1.99 0.00	39.51 1.24 0.00	29.14 0.98 0.00	24.65 0.82 -0.01	23.89 0.75 0.00	22.05 0.65 0.00
NEWTON___FALLS_HYD 23847	17.12 -0.09 0.00	18.03 -0.13 -5.47	26.44 -0.15 -14.11	24.12 -0.12 -13.19	19.51 -0.05 -9.69	16.08 -0.02 0.00	27.27 0.32 -7.08	43.50 0.61 -18.67	30.00 0.54 -5.55	19.24 0.02 0.00	20.83 -0.14 0.00	20.07 -0.33 0.00	17.83 -0.34 0.00	20.10 -0.46 0.00	24.05 -0.24 0.00	26.94 0.11 0.00	42.26 1.40 0.00	62.85 2.90 0.00	65.91 2.50 0.00	48.24 0.70 -9.27	48.33 0.12 -20.05	42.06 -0.07 -18.32	40.87 -0.23 -17.96	34.23 -0.26 -13.09
NGRID_A1_DSASP 323792	15.25 -1.96 0.00	11.21 -1.48 0.00	10.96 -1.53 0.00	9.70 -1.36 0.00	8.76 -1.10 0.00	14.32 -1.78 0.00	17.66 -2.20 0.00	21.43 -2.79 0.00	21.10 -2.81 0.00	17.02 -2.21 0.00	19.03 -1.94 0.00	18.52 -1.88 0.00	16.54 -1.63 0.00	18.67 -1.90 0.00	21.87 -2.42 0.00	24.07 -2.76 0.00	36.70 -4.17 0.00	53.62 -6.33 0.00	56.18 -7.22 0.00	34.18 -4.09 0.00	25.06 -3.10 0.00	21.29 -2.53 0.00	20.97 -2.17 0.00	19.32 -2.09 0.00
NGRID_A2_DSASP 323793	15.25 -1.96 0.00	11.21 -1.48 0.00	10.96 -1.53 0.00	9.70 -1.36 0.00	8.76 -1.10 0.00	14.32 -1.78 0.00	17.66 -2.20 0.00	21.43 -2.79 0.00	21.10 -2.81 0.00	17.02 -2.21 0.00	19.03 -1.94 0.00	18.52 -1.88 0.00	16.54 -1.63 0.00	18.67 -1.90 0.00	21.87 -2.42 0.00	24.07 -2.76 0.00	36.70 -4.17 0.00	53.62 -6.33 0.00	56.18 -7.22 0.00	34.18 -4.09 0.00	25.06 -3.10 0.00	21.29 -2.53 0.00	20.97 -2.17 0.00	19.32 -2.09 0.00
NGRID_A4_DSASP 323807	15.25 -1.96 0.00	11.21 -1.48 0.00	10.96 -1.53 0.00	9.70 -1.36 0.00	8.76 -1.10 0.00	14.32 -1.78 0.00	17.66 -2.20 0.00	21.43 -2.79 0.00	21.10 -2.81 0.00	17.02 -2.21 0.00	19.03 -1.94 0.00	18.52 -1.88 0.00	16.54 -1.63 0.00	18.67 -1.90 0.00	21.87 -2.42 0.00	24.07 -2.76 0.00	36.70 -4.17 0.00	53.62 -6.33 0.00	56.18 -7.22 0.00	34.18 -4.09 0.00	25.06 -3.10 0.00	21.29 -2.53 0.00	20.97 -2.17 0.00	19.32 -2.09 0.00
NIAGARA_115E_LBMP 323715	15.22 -1.99 0.00	11.19 -1.50 0.00	10.94 -1.55 0.00	9.68 -1.37 0.00	8.74 -1.12 0.00	14.29 -1.81 0.00	17.63 -2.23 0.00	21.37 -2.84 0.00	21.05 -2.85 0.00	16.97 -2.26 0.00	18.97 -2.00 0.00	18.47 -1.93 0.00	16.49 -1.68 0.00	18.60 -1.96 0.00	21.79 -2.50 0.00	24.01 -2.82 0.00	36.63 -4.23 0.00	53.55 -6.40 0.00	56.17 -7.24 0.00	34.16 -4.11 0.00	25.04 -3.12 0.00	21.26 -2.55 0.00	20.96 -2.17 0.00	19.27 -2.13 0.00
NIAGARA_115W_LBMP 323714	15.22 -1.99 0.00	11.19 -1.50 0.00	10.94 -1.54 0.00	9.68 -1.37 0.00	8.74 -1.12 0.00	14.29 -1.81 0.00	17.63 -2.23 0.00	21.38 -2.83 0.00	21.05 -2.85 0.00	16.99 -2.24 0.00	18.99 -1.98 0.00	18.48 -1.91 0.00	16.51 -1.65 0.00	18.63 -1.93 0.00	21.83 -2.46 0.00	24.02 -2.81 0.00	36.62 -4.25 0.00	53.51 -6.44 0.00	56.06 -7.35 0.00	34.11 -4.16 0.00	25.01 -3.15 0.00	21.24 -2.58 0.00	20.93 -2.21 0.00	19.28 -2.13 0.00
NIAGARA_230_LBMP 323716	15.40 -1.81 0.00	11.32 -1.37 0.00	11.07 -1.42 0.00	9.79 -1.26 0.00	8.83 -1.03 0.00	14.44 -1.66 0.00	17.81 -2.05 0.00	21.63 -2.58 0.00	21.32 -2.58 0.00	17.19 -2.04 0.00	19.17 -1.80 0.00	18.66 -1.74 0.00	16.66 -1.50 0.00	18.82 -1.74 0.00	22.06 -2.23 0.00	24.27 -2.56 0.00	37.04 -3.83 0.00	54.17 -5.78 0.00	56.85 -6.55 0.00	34.53 -3.74 0.00	25.28 -2.88 0.00	21.47 -2.34 0.00	21.15 -1.99 0.00	19.47 -1.93 0.00
NIAGARA___115KV_198_GIBSON 55903	15.22 -1.99 0.00	11.20 -1.50 0.00	10.94 -1.55 0.00	9.68 -1.37 0.00	8.74 -1.12 0.00	14.29 -1.81 0.00	17.63 -2.23 0.00	21.40 -2.82 0.00	21.06 -2.84 0.00	16.98 -2.25 0.00	18.98 -1.99 0.00	18.46 -1.94 0.00	16.49 -1.68 0.00	18.60 -1.97 0.00	21.81 -2.47 0.00	24.01 -2.82 0.00	36.61 -4.26 0.00	53.51 -6.44 0.00	56.03 -7.37 0.00	34.11 -4.16 0.00	25.01 -3.15 0.00	21.25 -2.57 0.00	20.94 -2.20 0.00	19.28 -2.12 0.00
NIAGARA___ 23760	15.40 -1.81 0.00	11.32 -1.37 0.00	11.07 -1.42 0.00	9.79 -1.26 0.00	8.83 -1.03 0.00	14.44 -1.66 0.00	17.81 -2.05 0.00	21.63 -2.58 0.00	21.32 -2.58 0.00	17.19 -2.04 0.00	19.17 -1.80 0.00	18.66 -1.74 0.00	16.66 -1.50 0.00	18.82 -1.74 0.00	22.06 -2.23 0.00	24.27 -2.56 0.00	37.04 -3.83 0.00	54.17 -5.78 0.00	56.85 -6.55 0.00	34.53 -3.74 0.00	25.28 -2.88 0.00	21.47 -2.34 0.00	21.15 -1.99 0.00	19.47 -1.93 0.00
NINE_MILE_1 23575	16.63 -0.58 0.00	12.25 -0.44 0.00	12.04 -0.44 0.00	10.66 -0.39 0.00	9.52 -0.34 0.00	15.53 -0.58 0.00	19.12 -0.73 0.00	23.24 -0.98 0.00	22.95 -0.95 0.00	18.47 -0.76 0.00	20.15 -0.82 0.00	19.61 -0.79 0.00	17.49 -0.68 0.00	19.76 -0.80 0.00	23.31 -0.98 0.00	25.77 -1.06 0.00	39.30 -1.57 0.00	57.63 -2.32 0.00	60.90 -2.50 0.00	36.76 -1.51 0.00	27.02 -1.14 0.00	22.85 -0.96 0.00	22.24 -0.90 0.00	20.65 -0.75 0.00
NINE_MILE_2 23744	16.64 -0.57 0.00	12.25 -0.44 0.00	12.04 -0.44 0.00	10.67 -0.39 0.00	9.52 -0.34 0.00	15.53 -0.58 0.00	19.12 -0.73 0.00	23.24 -0.98 0.00	22.95 -0.95 0.00	18.47 -0.76 0.00	20.15 -0.82 0.00	19.61 -0.79 0.00	17.49 -0.68 0.00	19.77 -0.80 0.00	23.31 -0.98 0.00	25.77 -1.06 0.00	39.30 -1.57 0.00	57.63 -2.32 0.00	60.90 -2.50 0.00	36.76 -1.51 0.00	27.02 -1.14 0.00	22.85 -0.96 0.00	22.24 -0.90 0.00	20.66 -0.75 0.00
NM_CAPITAL___DRP 24208	17.91 0.60 -0.10	13.16 0.47 0.00	12.97 0.48 0.00	11.48 0.43 0.00	10.22 0.36 0.00	16.69 0.59 0.00	20.56 0.70 0.00	25.14 0.92 0.00	24.85 0.94 0.00	19.99 0.76 0.00	21.78 0.75 -0.06	21.40 0.71 -0.29	20.27 0.65 -1.46	22.10 0.74 -0.80	26.26 0.92 -1.06	30.92 0.99 -3.10	42.23 1.36 0.00	61.86 1.90 0.00	65.46 2.06 0.00	39.57 1.30 0.00	29.19 1.03 0.00	24.70 0.87 -0.01	23.94 0.80 0.00	22.10 0.70 0.00

NM_CENTRAL___DRP 24181	16.89 -0.32 0.00	12.44 -0.25 0.00	12.22 -0.26 0.00	10.83 -0.22 0.00	9.66 -0.19 0.00	15.79 -0.32 0.00	19.46 -0.40 0.00	23.75 -0.46 0.00	23.48 -0.42 0.00	18.81 -0.42 0.00	20.53 -0.44 0.00	19.97 -0.43 0.00	17.81 -0.36 0.00	20.15 -0.41 0.00	23.84 -0.45 0.00	26.28 -0.54 0.00	40.15 -0.72 0.00	58.88 -1.07 0.00	62.18 -1.22 0.00	37.52 -0.75 0.00	27.56 -0.61 0.00	23.29 -0.52 0.00	22.66 -0.48 0.00	21.00 -0.41 0.00
NM_FRONTIER___DRP 24179	15.22 -1.99 0.00	11.20 -1.50 0.00	10.94 -1.55 0.00	9.68 -1.37 0.00	8.74 -1.12 0.00	14.29 -1.81 0.00	17.63 -2.23 0.00	21.40 -2.82 0.00	21.06 -2.84 0.00	16.98 -2.25 0.00	18.98 -1.99 0.00	18.46 -1.94 0.00	16.49 -1.68 0.00	18.60 -1.97 0.00	21.81 -2.47 0.00	24.01 -2.82 0.00	36.61 -4.26 0.00	53.51 -6.44 0.00	56.03 -7.37 0.00	34.11 -4.16 0.00	25.01 -3.15 0.00	21.25 -2.57 0.00	20.94 -2.20 0.00	19.28 -2.12 0.00
NM_ST_REGIS___HYD 24053	17.38 0.17 0.00	22.10 0.00 -9.42	36.76 0.01 -24.27	33.77 0.01 -22.70	26.61 0.08 -16.67	16.30 0.20 0.00	32.60 0.56 -12.18	57.05 0.80 -32.03	34.10 0.70 -9.49	19.41 0.18 0.00	21.10 0.13 0.00	20.34 -0.06 0.00	17.96 -0.22 -0.01	20.31 -0.25 0.00	24.23 -0.06 0.00	27.22 0.39 0.00	42.53 1.66 0.00	63.45 3.50 0.00	66.68 3.28 0.00	55.47 1.25 -15.95	63.22 0.56 -34.50	55.62 0.28 -31.52	54.15 0.12 -30.90	43.97 0.04 -22.52
NORTHPORT___1 23551	19.50 1.50 -0.79	14.86 1.19 -0.98	13.59 1.10 0.00	11.92 0.87 0.00	10.49 0.63 0.00	17.10 0.99 0.00	20.95 1.09 0.00	25.72 1.50 0.00	25.42 1.52 0.00	20.42 1.19 0.00	22.63 1.47 -0.19	22.99 1.70 -0.89	24.27 1.60 -4.50	24.92 1.90 -2.46	29.55 1.98 -3.28	38.20 1.76 -9.61	43.08 2.22 0.00	62.69 2.74 0.00	66.37 2.96 0.00	40.27 2.00 0.00	30.00 1.84 0.00	25.64 1.79 -0.04	24.69 1.55 0.00	22.88 1.47 0.00
NORTHPORT___2 23552	19.50 1.50 -0.79	14.86 1.19 -0.98	13.59 1.10 0.00	11.92 0.87 0.00	10.49 0.63 0.00	17.10 0.99 0.00	20.95 1.09 0.00	25.72 1.50 0.00	25.42 1.52 0.00	20.42 1.19 0.00	22.63 1.47 -0.19	22.99 1.70 -0.89	24.27 1.60 -4.50	24.92 1.90 -2.46	29.55 1.98 -3.28	38.20 1.76 -9.61	43.08 2.22 0.00	62.69 2.74 0.00	66.37 2.96 0.00	40.27 2.00 0.00	30.00 1.84 0.00	25.64 1.79 -0.04	24.69 1.55 0.00	22.88 1.47 0.00
NORTHPORT___3 23553	19.28 1.28 -0.79	14.69 1.02 -0.98	13.43 0.95 0.00	11.79 0.73 0.00	10.38 0.52 0.00	16.90 0.80 0.00	20.72 0.86 0.00	25.40 1.19 0.00	25.12 1.21 0.00	20.22 0.99 0.00	22.42 1.26 -0.19	22.78 1.49 -0.89	24.07 1.40 -4.50	24.71 1.68 -2.46	29.29 1.72 -3.28	37.87 1.43 -9.61	42.70 1.83 0.00	62.17 2.22 0.00	65.84 2.44 0.00	39.89 1.61 0.00	29.67 1.51 0.00	25.38 1.53 -0.04	24.46 1.33 0.00	22.64 1.24 0.00
NORTHPORT___4 23650	19.28 1.28 -0.79	14.69 1.02 -0.98	13.43 0.95 0.00	11.79 0.73 0.00	10.38 0.52 0.00	16.90 0.80 0.00	20.72 0.86 0.00	25.40 1.19 0.00	25.12 1.21 0.00	20.22 0.99 0.00	22.42 1.26 -0.19	22.78 1.49 -0.89	24.07 1.40 -4.50	24.71 1.68 -2.46	29.29 1.72 -3.28	37.87 1.43 -9.61	42.70 1.83 0.00	62.17 2.22 0.00	65.84 2.44 0.00	39.89 1.61 0.00	29.67 1.51 0.00	25.38 1.53 -0.04	24.46 1.33 0.00	22.64 1.24 0.00
NORTHPORT___IC 23718	19.50 1.50 -0.79	14.85 1.19 -0.98	13.59 1.10 0.00	11.92 0.87 0.00	10.49 0.63 0.00	17.10 0.99 0.00	20.94 1.09 0.00	25.71 1.50 0.00	25.42 1.52 0.00	20.42 1.19 0.00	22.63 1.47 -0.19	22.99 1.70 -0.89	24.27 1.60 -4.50	24.93 1.91 -2.46	29.55 1.99 -3.28	38.20 1.76 -9.61	43.08 2.22 0.00	62.70 2.75 0.00	66.39 2.99 0.00	40.27 2.00 0.00	29.99 1.83 0.00	25.64 1.79 -0.04	24.69 1.55 0.00	22.88 1.47 0.00
NORTH___COUNTRY_ESR 323785	16.82 -0.39 0.00	-1.57 -0.45 13.81	-23.52 -0.40 35.60	-22.62 -0.37 33.30	-14.89 -0.29 24.46	15.69 -0.42 0.00	1.56 -0.44 17.87	-23.14 -0.57 46.79	9.56 -0.56 13.78	18.81 -0.42 0.00	20.64 -0.33 0.00	19.95 -0.45 0.00	17.60 -0.56 0.01	19.92 -0.64 0.00	23.65 -0.64 0.00	26.38 -0.45 0.00	40.42 -0.44 0.00	59.77 -0.19 0.00	63.03 -0.37 0.00	14.17 -0.71 23.39	-23.15 -0.70 50.61	-23.07 -0.65 46.23	-22.87 -0.67 45.34	-12.29 -0.65 33.05
NPX_GEN_1385_PROXY 323591	19.71 1.71 -0.79	15.01 1.34 -0.98	13.74 1.25 0.00	12.05 1.00 0.00	10.62 0.76 0.00	17.40 1.29 0.00	21.38 1.52 0.00	50.23 2.19 -23.82	26.09 2.19 0.00	20.69 1.46 0.00	22.64 1.48 -0.19	22.96 1.67 -0.89	24.43 1.75 -4.50	24.92 1.89 -2.46	29.90 2.34 -3.28	38.83 2.39 -9.61	43.65 2.78 0.00	63.15 3.20 0.00	66.51 3.10 0.00	40.54 2.27 0.00	30.45 2.29 0.00	26.08 2.23 -0.04	24.78 1.65 0.00	23.00 1.60 0.00
NPX_GEN_CSC 323557	19.73 1.73 -0.79	15.01 1.35 -0.98	13.74 1.26 0.00	12.05 1.00 0.00	10.61 0.75 0.00	17.23 1.13 0.00	21.11 1.25 0.00	25.85 1.63 0.00	25.52 1.61 0.00	20.48 1.25 0.00	22.55 1.40 -0.19	22.85 1.56 -0.89	24.10 1.43 -4.50	24.83 1.80 -2.46	29.54 1.97 -3.28	38.31 1.87 -9.61	43.45 2.59 0.00	62.55 2.59 0.00	66.68 3.28 0.00	40.39 2.12 0.00	30.05 1.89 0.00	25.67 1.82 -0.04	24.72 1.58 0.00	22.86 1.45 0.00
NSINS_S___GLNS_FALLS 23858	18.28 0.98 -0.10	13.36 0.67 0.00	13.13 0.65 0.00	11.63 0.58 0.00	10.37 0.51 0.00	17.08 0.98 0.00	21.14 1.28 0.00	25.81 1.60 0.00	25.49 1.59 0.00	20.42 1.19 0.00	22.17 1.14 -0.06	21.66 1.00 -0.27	20.34 0.80 -1.37	22.27 0.96 -0.75	26.55 1.27 -1.00	31.20 1.45 -2.92	43.23 2.36 0.00	63.19 3.24 0.00	66.94 3.54 0.00	40.43 2.16 0.00	29.69 1.53 0.00	25.12 1.29 -0.01	24.39 1.26 0.00	22.50 1.09 0.00
NUCOR_STEEL___DRP 24197	17.06 -0.15 0.00	12.50 -0.19 0.00	12.28 -0.21 0.00	10.88 -0.17 0.00	9.72 -0.14 0.00	15.89 -0.22 0.00	19.60 -0.26 0.00	24.17 -0.05 0.00	23.84 -0.07 0.00	18.82 -0.41 0.00	20.52 -0.45 0.00	19.96 -0.44 0.00	17.79 -0.38 0.00	20.13 -0.43 0.00	24.04 -0.24 0.00	26.37 -0.45 0.00	40.38 -0.49 0.00	59.33 -0.62 0.00	62.69 -0.72 0.00	37.80 -0.47 0.00	27.73 -0.43 0.00	23.45 -0.37 0.00	22.80 -0.34 0.00	21.10 -0.30 0.00
NUMBER_THREE_WT_PWR 323818	16.80 -0.41 0.00	14.76 -0.31 -2.38	18.28 -0.34 -6.14	16.50 -0.29 -5.74	13.87 -0.21 -4.21	15.81 -0.29 0.00	22.91 -0.03 -3.08	32.66 0.25 -8.19	26.59 0.23 -2.46	19.10 -0.13 0.00	20.64 -0.33 0.00	19.91 -0.49 0.00	17.81 -0.36 0.00	19.99 -0.57 0.00	23.92 -0.37 0.00	26.76 -0.06 0.00	41.85 0.98 0.00	61.98 2.03 0.00	64.69 1.29 0.00	42.22 -0.09 -4.03	36.41 -0.47 -8.72	31.25 -0.54 -7.97	30.31 -0.64 -7.81	26.46 -0.64 -5.69
NYISO_LBMP_REFERENCE 24008	17.21 0.00 0.00	12.69 0.00 0.00	12.48 0.00 0.00	11.05 0.00 0.00	9.86 0.00 0.00	16.10 0.00 0.00	19.86 0.00 0.00	24.21 0.00 0.00	23.91 0.00 0.00	19.23 0.00 0.00	20.97 0.00 0.00	20.40 0.00 0.00	18.17 0.00 0.00	20.56 0.00 0.00	24.29 0.00 0.00	26.83 0.00 0.00	40.87 0.00 0.00	59.95 0.00 0.00	63.41 0.00 0.00	38.27 0.00 0.00	28.16 0.00 0.00	23.81 0.00 0.00	23.14 0.00 0.00	21.41 0.00 0.00

NYPA_BRENTWD____GT 24164	19.66 1.66 -0.79	14.95 1.28 -0.98	13.69 1.20 0.00	12.01 0.96 0.00	10.59 0.73 0.00	17.26 1.15 0.00	21.17 1.32 0.00	25.98 1.76 0.00	25.68 1.77 0.00	20.63 1.41 0.00	22.81 1.66 -0.19	23.12 1.83 -0.89	24.37 1.70 -4.50	25.09 2.06 -2.46	29.80 2.23 -3.28	38.51 2.07 -9.61	43.49 2.62 0.00	63.15 3.20 0.00	66.92 3.51 0.00	40.69 2.42 0.00	30.36 2.20 0.00	25.93 2.08 -0.04	24.96 1.83 0.00	23.10 1.69 0.00
NYPA_GOWANUS____GT5 24156	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.58 2.11 -9.64	43.82 2.95 0.00	64.38 4.43 0.00	68.14 4.73 0.00	41.16 2.89 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NYPA_GOWANUS____GT6 24157	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.65 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.92 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.77 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.91 1.88 -2.47	29.80 2.22 -3.29	38.58 2.11 -9.64	43.82 2.95 0.00	64.38 4.43 0.00	68.14 4.73 0.00	41.16 2.89 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00
NYPA_HARLEM__RVR__GT1 24160	18.60 1.07 -0.32	13.53 0.84 0.00	13.28 0.80 0.00	11.75 0.70 0.00	10.45 0.59 0.00	17.12 1.02 0.00	21.17 1.32 0.00	26.01 1.80 0.00	25.75 1.85 0.00	20.73 1.50 0.00	22.79 1.63 -0.19	22.95 1.66 -0.89	24.16 1.47 -4.52	24.78 1.74 -2.47	29.65 2.07 -3.29	38.46 1.99 -9.64	43.63 2.76 0.00	64.09 4.14 0.00	67.84 4.44 0.00	40.97 2.70 0.00	30.31 2.15 0.00	25.69 1.84 -0.04	24.80 1.66 0.00	22.86 1.45 0.00
NYPA_HARLEM__RVR__GT2 24161	18.60 1.07 -0.32	13.53 0.84 0.00	13.28 0.80 0.00	11.75 0.70 0.00	10.45 0.59 0.00	17.12 1.02 0.00	21.17 1.32 0.00	26.01 1.80 0.00	25.75 1.85 0.00	20.73 1.50 0.00	22.79 1.63 -0.19	22.95 1.66 -0.89	24.16 1.47 -4.52	24.78 1.74 -2.47	29.65 2.07 -3.29	38.46 1.99 -9.64	43.63 2.76 0.00	64.09 4.14 0.00	67.84 4.44 0.00	40.97 2.70 0.00	30.31 2.15 0.00	25.69 1.84 -0.04	24.80 1.66 0.00	22.86 1.45 0.00
NYPA_KENT____GT 24152	18.69 1.16 -0.32	13.60 0.91 0.00	13.34 0.86 0.00	11.80 0.75 0.00	10.50 0.64 0.00	17.20 1.10 0.00	21.26 1.40 0.00	26.10 1.88 0.00	25.86 1.95 0.00	20.83 1.60 0.00	22.91 1.75 -0.19	23.07 1.78 -0.89	24.26 1.57 -4.52	24.89 1.86 -2.47	29.77 2.19 -3.29	38.57 2.10 -9.64	43.78 2.91 0.00	64.32 4.36 0.00	68.06 4.65 0.00	41.09 2.82 0.00	30.45 2.29 0.00	25.79 1.94 -0.04	24.89 1.75 0.00	22.94 1.54 0.00
NYPA_POUCH1____GT 24155	18.72 1.20 -0.32	13.62 0.93 0.00	13.36 0.88 0.00	11.82 0.77 0.00	10.52 0.66 0.00	17.24 1.14 0.00	21.31 1.45 0.00	26.15 1.94 0.00	25.89 1.98 0.00	20.84 1.61 0.00	22.92 1.76 -0.19	23.07 1.78 -0.89	24.25 1.57 -4.52	24.89 1.85 -2.47	29.76 2.18 -3.29	38.51 2.04 -9.64	43.71 2.84 0.00	64.26 4.31 0.00	68.04 4.63 0.00	41.12 2.85 0.00	30.50 2.35 0.00	25.84 1.99 -0.04	24.94 1.80 0.00	23.00 1.59 0.00
NYPA_VERNON____GT2 24162	18.67 1.14 -0.32	13.58 0.89 0.00	13.33 0.84 0.00	11.79 0.74 0.00	10.49 0.63 0.00	17.19 1.08 0.00	21.23 1.38 0.00	26.07 1.85 0.00	25.83 1.92 0.00	20.81 1.58 0.00	22.89 1.73 -0.19	23.04 1.74 -0.89	24.24 1.55 -4.52	24.87 1.84 -2.47	29.75 2.17 -3.29	38.56 2.09 -9.64	43.77 2.90 0.00	64.29 4.34 0.00	68.03 4.62 0.00	41.05 2.78 0.00	30.40 2.24 0.00	25.75 1.90 -0.04	24.86 1.72 0.00	22.90 1.50 0.00
NYPA_VERNON____GT3 24163	18.67 1.14 -0.32	13.58 0.89 0.00	13.33 0.84 0.00	11.79 0.74 0.00	10.49 0.63 0.00	17.19 1.08 0.00	21.23 1.38 0.00	26.07 1.85 0.00	25.83 1.92 0.00	20.81 1.58 0.00	22.89 1.73 -0.19	23.04 1.74 -0.89	24.24 1.55 -4.52	24.87 1.84 -2.47	29.75 2.17 -3.29	38.56 2.09 -9.64	43.77 2.90 0.00	64.29 4.34 0.00	68.03 4.62 0.00	41.05 2.78 0.00	30.40 2.24 0.00	25.75 1.90 -0.04	24.86 1.72 0.00	22.90 1.50 0.00
NYPA__ASTORIA_CC1 323568	18.64 1.11 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.01 1.80 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.83 1.67 -0.19	22.99 1.70 -0.89	24.19 1.50 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.49 2.02 -9.64	43.68 2.81 0.00	64.14 4.19 0.00	67.88 4.47 0.00	40.98 2.71 0.00	30.33 2.17 0.00	25.70 1.85 -0.04	24.80 1.67 0.00	22.86 1.46 0.00
NYPA__ASTORIA_CC2 323569	18.64 1.11 -0.32	13.56 0.87 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.01 1.80 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.83 1.67 -0.19	22.99 1.70 -0.89	24.19 1.50 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.49 2.02 -9.64	43.68 2.81 0.00	64.14 4.19 0.00	67.88 4.47 0.00	40.98 2.71 0.00	30.33 2.17 0.00	25.70 1.85 -0.04	24.80 1.67 0.00	22.86 1.46 0.00
NYPA__HOLTSVILL 23794	19.59 1.59 -0.79	14.91 1.24 -0.98	13.64 1.15 0.00	11.97 0.92 0.00	10.55 0.69 0.00	17.16 1.05 0.00	21.02 1.17 0.00	25.75 1.54 0.00	25.45 1.55 0.00	20.44 1.21 0.00	22.58 1.42 -0.19	22.90 1.61 -0.89	24.16 1.48 -4.50	24.86 1.83 -2.46	29.54 1.98 -3.28	38.24 1.81 -9.61	43.25 2.38 0.00	62.85 2.90 0.00	66.66 3.25 0.00	40.40 2.13 0.00	30.08 1.92 0.00	25.70 1.85 -0.04	24.78 1.64 0.00	22.94 1.53 0.00
NYPA__HELLGATE_GT1 24158	18.60 1.07 -0.32	13.53 0.84 0.00	13.28 0.80 0.00	11.75 0.70 0.00	10.45 0.59 0.00	17.12 1.02 0.00	21.17 1.32 0.00	26.01 1.80 0.00	25.75 1.85 0.00	20.73 1.50 0.00	22.79 1.63 -0.19	22.95 1.66 -0.89	24.16 1.47 -4.52	24.78 1.74 -2.47	29.65 2.07 -3.29	38.46 1.99 -9.64	43.63 2.76 0.00	64.09 4.14 0.00	67.84 4.44 0.00	40.97 2.70 0.00	30.31 2.15 0.00	25.69 1.84 -0.04	24.80 1.66 0.00	22.86 1.45 0.00
NYPA__HELLGATE_GT2 24159	18.60 1.07 -0.32	13.53 0.84 0.00	13.28 0.80 0.00	11.75 0.70 0.00	10.45 0.59 0.00	17.12 1.02 0.00	21.17 1.32 0.00	26.01 1.80 0.00	25.75 1.85 0.00	20.73 1.50 0.00	22.79 1.63 -0.19	22.95 1.66 -0.89	24.16 1.47 -4.52	24.78 1.74 -2.47	29.65 2.07 -3.29	38.46 1.99 -9.64	43.63 2.76 0.00	64.09 4.14 0.00	67.84 4.44 0.00	40.97 2.70 0.00	30.31 2.15 0.00	25.69 1.84 -0.04	24.80 1.66 0.00	22.86 1.45 0.00
NYS_BARGE__HYD 23848	15.52 -1.69 0.00	11.39 -1.30 0.00	11.14 -1.35 0.00	9.85 -1.20 0.00	8.90 -0.96 0.00	14.56 -1.55 0.00	17.97 -1.89 0.00	21.83 -2.38 0.00	21.50 -2.40 0.00	17.31 -1.92 0.00	19.33 -1.64 0.00	18.82 -1.57 0.00	16.80 -1.37 0.00	18.97 -1.60 0.00	22.22 -2.07 0.00	24.49 -2.34 0.00	37.45 -3.42 0.00	54.82 -5.13 0.00	57.52 -5.88 0.00	34.94 -3.33 0.00	25.57 -2.59 0.00	21.69 -2.12 0.00	21.36 -1.78 0.00	19.63 -1.77 0.00

OAK ORCHARD___HYD 24046	16.24 -0.97 0.00	11.94 -0.75 0.00	11.70 -0.79 0.00	10.35 -0.70 0.00	9.29 -0.57 0.00	15.21 -0.89 0.00	18.79 -1.07 0.00	22.89 -1.33 0.00	22.54 -1.36 0.00	18.13 -1.10 0.00	20.02 -0.95 0.00	19.50 -0.90 0.00	17.37 -0.80 0.00	19.65 -0.91 0.00	23.14 -1.15 0.00	25.57 -1.26 0.00	39.11 -1.76 0.00	57.37 -2.59 0.00	60.37 -3.04 0.00	36.49 -1.78 0.00	26.71 -1.45 0.00	22.61 -1.21 0.00	22.10 -1.03 0.00	20.40 -1.00 0.00
OAKDALE___35_KV_LOAD 356122	17.00 -0.21 0.00	12.50 -0.20 0.00	12.27 -0.21 0.00	10.89 -0.16 0.00	9.71 -0.14 0.00	15.87 -0.23 0.00	19.56 -0.30 0.00	23.92 -0.29 0.00	23.67 -0.24 0.00	19.00 -0.23 0.00	20.80 -0.17 0.00	20.25 -0.15 0.00	18.04 -0.13 0.00	20.44 -0.13 0.00	24.14 -0.15 0.00	26.48 -0.35 0.00	40.42 -0.45 0.00	59.27 -0.68 0.00	62.76 -0.65 0.00	37.82 -0.45 0.00	27.74 -0.42 0.00	23.50 -0.32 0.00	22.88 -0.26 0.00	21.13 -0.27 0.00
OCC_CHEM___DRP 24175	15.25 -1.96 0.00	11.22 -1.47 0.00	10.96 -1.53 0.00	9.70 -1.36 0.00	8.76 -1.10 0.00	14.32 -1.78 0.00	17.67 -2.19 0.00	21.44 -2.77 0.00	21.11 -2.79 0.00	17.01 -2.22 0.00	19.02 -1.95 0.00	18.50 -1.90 0.00	16.52 -1.64 0.00	18.63 -1.93 0.00	21.86 -2.43 0.00	24.06 -2.77 0.00	36.69 -4.18 0.00	53.62 -6.33 0.00	56.15 -7.26 0.00	34.18 -4.09 0.00	25.07 -3.09 0.00	21.29 -2.53 0.00	20.98 -2.16 0.00	19.32 -2.09 0.00
OH_GEN_PROXY 24063	15.48 -1.73 0.00	11.37 -1.32 0.00	11.12 -1.36 0.00	9.84 -1.21 0.00	8.87 -0.99 0.00	14.51 -1.59 0.00	17.89 -1.97 0.00	21.74 -2.47 0.00	21.43 -2.47 0.00	17.28 -1.95 0.00	19.25 -1.72 0.00	18.74 -1.65 0.00	16.74 -1.43 0.00	18.90 -1.66 0.00	22.16 -2.13 0.00	24.36 -2.46 0.00	37.20 -3.67 0.00	54.44 -5.51 0.00	57.15 -6.25 0.00	34.69 -3.58 0.00	25.38 -2.78 0.00	21.57 -2.25 0.00	21.23 -1.91 0.00	19.55 -1.86 0.00
OLIN_CORP_DRP 24177	15.25 -1.96 0.00	11.22 -1.47 0.00	10.96 -1.52 0.00	9.70 -1.35 0.00	8.76 -1.10 0.00	14.32 -1.78 0.00	17.67 -2.19 0.00	21.44 -2.77 0.00	21.11 -2.79 0.00	17.01 -2.22 0.00	19.01 -1.96 0.00	18.48 -1.91 0.00	16.50 -1.67 0.00	18.61 -1.95 0.00	21.83 -2.46 0.00	24.05 -2.78 0.00	36.72 -4.15 0.00	53.69 -6.26 0.00	56.27 -7.14 0.00	34.24 -4.03 0.00	25.10 -3.06 0.00	21.31 -2.50 0.00	21.01 -2.12 0.00	19.31 -2.09 0.00
OLIN_CORP_DSASP 323712	15.25 -1.96 0.00	11.21 -1.48 0.00	10.96 -1.53 0.00	9.70 -1.36 0.00	8.76 -1.10 0.00	14.32 -1.78 0.00	17.66 -2.20 0.00	21.43 -2.79 0.00	21.10 -2.81 0.00	17.02 -2.21 0.00	19.03 -1.94 0.00	18.52 -1.88 0.00	16.54 -1.63 0.00	18.67 -1.90 0.00	21.87 -2.42 0.00	24.07 -2.76 0.00	36.70 -4.17 0.00	53.62 -6.33 0.00	56.18 -7.22 0.00	34.18 -4.09 0.00	25.06 -3.10 0.00	21.29 -2.53 0.00	20.97 -2.17 0.00	19.32 -2.09 0.00
ONEIDA_HERK_LFGE 323681	17.27 0.06 0.00	13.82 0.03 -1.09	15.31 0.01 -2.81	13.71 0.02 -2.63	11.84 0.05 -1.93	16.23 0.12 0.00	21.57 0.29 -1.42	28.56 0.54 -3.81	25.57 0.52 -1.15	19.51 0.28 0.00	21.15 0.18 0.00	20.48 0.08 0.00	18.22 0.06 0.00	20.56 0.00 0.00	24.42 0.14 0.00	27.16 0.33 0.00	41.90 1.03 0.00	61.76 1.81 0.00	64.92 1.51 0.00	40.67 0.55 -1.85	32.37 0.21 -4.00	27.59 0.12 -3.65	26.76 0.04 -3.58	24.01 -0.01 -2.61
ONEIDA___115KV_TB4 55905	17.47 0.26 0.00	13.32 0.16 -0.46	13.83 0.15 -1.19	12.32 0.16 -1.11	10.84 0.16 -0.81	16.42 0.32 0.00	20.94 0.47 -0.61	26.80 0.79 -1.79	25.26 0.81 -0.55	19.80 0.57 0.00	21.45 0.48 0.00	20.76 0.36 0.00	18.42 0.25 0.00	20.86 0.30 0.00	24.65 0.37 0.00	27.26 0.43 0.00	41.84 0.97 0.00	61.60 1.65 0.00	64.97 1.56 0.00	39.88 0.83 -0.78	30.35 0.51 -1.69	25.75 0.39 -1.54	25.00 0.35 -1.51	22.79 0.28 -1.10
ONONDAGA_REF_OCCRA 23987	17.00 -0.21 0.00	12.51 -0.18 0.00	12.29 -0.20 0.00	10.89 -0.16 0.00	9.72 -0.14 0.00	15.88 -0.22 0.00	19.58 -0.27 0.00	23.96 -0.25 0.00	23.68 -0.23 0.00	18.93 -0.30 0.00	20.65 -0.32 0.00	20.09 -0.31 0.00	17.90 -0.27 0.00	20.27 -0.30 0.00	24.00 -0.29 0.00	26.43 -0.40 0.00	40.41 -0.46 0.00	59.29 -0.66 0.00	62.65 -0.75 0.00	37.79 -0.48 0.00	27.74 -0.42 0.00	23.45 -0.36 0.00	22.80 -0.34 0.00	21.13 -0.28 0.00
ONONDAGA___COGEN 23986	16.99 -0.22 0.00	12.50 -0.19 0.00	12.28 -0.20 0.00	10.88 -0.17 0.00	9.71 -0.15 0.00	15.87 -0.24 0.00	19.56 -0.30 0.00	24.07 -0.14 0.00	23.80 -0.11 0.00	18.84 -0.39 0.00	20.54 -0.43 0.00	19.99 -0.41 0.00	17.82 -0.34 0.00	20.16 -0.40 0.00	24.06 -0.23 0.00	26.39 -0.43 0.00	40.33 -0.54 0.00	59.18 -0.77 0.00	62.51 -0.89 0.00	37.71 -0.56 0.00	27.69 -0.47 0.00	23.41 -0.40 0.00	22.76 -0.37 0.00	21.10 -0.31 0.00
ONTARIO___LFGE 23819	16.74 -0.47 0.00	12.27 -0.42 0.00	12.04 -0.44 0.00	10.70 -0.36 0.00	9.56 -0.30 0.00	15.66 -0.44 0.00	19.36 -0.50 0.00	23.73 -0.49 0.00	23.38 -0.53 0.00	18.59 -0.64 0.00	20.35 -0.62 0.00	19.80 -0.60 0.00	17.60 -0.57 0.00	19.92 -0.64 0.00	23.64 -0.65 0.00	26.02 -0.81 0.00	39.93 -0.93 0.00	58.82 -1.13 0.00	62.09 -1.31 0.00	37.41 -0.86 0.00	27.45 -0.71 0.00	23.13 -0.69 0.00	22.51 -0.62 0.00	20.77 -0.64 0.00
ORANGEVILLE_WT_PWR 323706	15.70 -1.50 0.00	11.47 -1.22 0.00	11.23 -1.26 0.00	10.00 -1.06 0.00	8.95 -0.91 0.00	14.67 -1.44 0.00	18.10 -1.76 0.00	21.97 -2.25 0.00	21.66 -2.24 0.00	17.31 -1.92 0.00	19.25 -1.72 0.00	18.65 -1.75 0.00	16.58 -1.59 0.00	18.81 -1.75 0.00	22.13 -2.15 0.00	24.38 -2.45 0.00	37.75 -3.12 0.00	55.59 -4.36 0.00	58.53 -4.88 0.00	35.32 -2.95 0.00	25.71 -2.45 0.00	21.68 -2.14 0.00	21.24 -1.89 0.00	19.50 -1.90 0.00
ORANGEVILLE___ESR 323794	15.70 -1.50 0.00	11.47 -1.22 0.00	11.23 -1.26 0.00	10.00 -1.06 0.00	8.95 -0.91 0.00	14.67 -1.44 0.00	18.10 -1.76 0.00	21.97 -2.25 0.00	21.66 -2.24 0.00	17.31 -1.92 0.00	19.25 -1.72 0.00	18.65 -1.75 0.00	16.58 -1.59 0.00	18.81 -1.75 0.00	22.13 -2.15 0.00	24.38 -2.45 0.00	37.75 -3.12 0.00	55.59 -4.36 0.00	58.53 -4.88 0.00	35.32 -2.95 0.00	25.71 -2.45 0.00	21.68 -2.14 0.00	21.24 -1.89 0.00	19.50 -1.90 0.00
OSWEGATCHIE___HYD 24044	17.12 -0.09 0.00	18.03 -0.13 -5.47	26.44 -0.15 -14.11	24.12 -0.12 -13.19	19.50 -0.05 -9.69	16.08 -0.02 0.00	27.26 0.32 -7.08	43.49 0.61 -18.67	30.00 0.54 -5.55	19.25 0.02 0.00	20.83 -0.14 0.00	20.07 -0.33 0.00	17.82 -0.35 0.00	20.10 -0.46 0.00	24.05 -0.24 0.00	26.94 0.11 0.00	42.26 1.40 0.00	62.85 2.89 0.00	65.91 2.50 0.00	48.24 0.70 -9.27	48.32 0.11 -20.05	42.06 -0.08 -18.32	40.87 -0.23 -17.96	34.23 -0.26 -13.09
OSWEGO___5 23606	16.73 -0.48 0.00	12.32 -0.37 0.00	12.11 -0.37 0.00	10.73 -0.32 0.00	9.57 -0.29 0.00	15.63 -0.48 0.00	19.25 -0.61 0.00	23.37 -0.84 0.00	23.07 -0.83 0.00	18.58 -0.65 0.00	20.27 -0.69 0.00	19.73 -0.67 0.00	17.59 -0.58 0.00	19.88 -0.68 0.00	23.45 -0.84 0.00	25.96 -0.87 0.00	39.61 -1.26 0.00	58.10 -1.85 0.00	61.38 -2.03 0.00	37.04 -1.23 0.00	27.22 -0.94 0.00	23.03 -0.79 0.00	22.40 -0.74 0.00	20.78 -0.62 0.00

OSWEGO___6 23613	16.73 -0.48 0.00	12.32 -0.37 0.00	12.11 -0.37 0.00	10.73 -0.32 0.00	9.57 -0.29 0.00	15.63 -0.48 0.00	19.25 -0.61 0.00	23.37 -0.84 0.00	23.07 -0.83 0.00	18.58 -0.65 0.00	20.27 -0.69 0.00	19.73 -0.67 0.00	17.59 -0.58 0.00	19.88 -0.68 0.00	23.45 -0.84 0.00	25.96 -0.87 0.00	39.61 -1.26 0.00	58.10 -1.85 0.00	61.38 -2.03 0.00	37.04 -1.23 0.00	27.22 -0.94 0.00	23.03 -0.79 0.00	22.40 -0.74 0.00	20.78 -0.62 0.00
OUTOKUMPU-AB___DRP 24206	15.67 -1.54 0.00	11.51 -1.18 0.00	11.24 -1.24 0.00	9.95 -1.10 0.00	8.98 -0.88 0.00	14.69 -1.41 0.00	18.14 -1.72 0.00	22.04 -2.17 0.00	21.73 -2.17 0.00	17.49 -1.75 0.00	19.54 -1.44 0.00	18.99 -1.41 0.00	16.96 -1.21 0.00	19.14 -1.42 0.00	22.49 -1.80 0.00	24.75 -2.08 0.00	37.82 -3.05 0.00	55.37 -4.58 0.00	58.10 -5.31 0.00	35.29 -2.98 0.00	25.81 -2.35 0.00	21.91 -1.91 0.00	21.55 -1.59 0.00	19.82 -1.59 0.00
OXBOW___BTM 323836	15.49 -1.72 0.00	11.38 -1.31 0.00	11.12 -1.36 0.00	9.84 -1.21 0.00	8.88 -0.98 0.00	14.53 -1.57 0.00	17.93 -1.92 0.00	21.78 -2.44 0.00	21.46 -2.45 0.00	17.29 -1.94 0.00	19.33 -1.64 0.00	18.81 -1.59 0.00	16.79 -1.37 0.00	18.96 -1.60 0.00	22.23 -2.06 0.00	24.48 -2.35 0.00	37.35 -3.52 0.00	54.64 -5.32 0.00	57.30 -6.10 0.00	34.83 -3.44 0.00	25.49 -2.67 0.00	21.65 -2.17 0.00	21.30 -1.84 0.00	19.61 -1.80 0.00
OXBOW____ 24026	15.49 -1.72 0.00	11.38 -1.31 0.00	11.12 -1.37 0.00	9.84 -1.21 0.00	8.89 -0.98 0.00	14.53 -1.57 0.00	17.94 -1.92 0.00	21.78 -2.43 0.00	21.47 -2.44 0.00	17.28 -1.94 0.00	19.32 -1.65 0.00	18.79 -1.61 0.00	16.78 -1.39 0.00	18.93 -1.63 0.00	22.22 -2.06 0.00	24.47 -2.36 0.00	37.34 -3.53 0.00	54.63 -5.32 0.00	57.27 -6.13 0.00	34.82 -3.45 0.00	25.50 -2.66 0.00	21.65 -2.17 0.00	21.31 -1.83 0.00	19.61 -1.80 0.00
OXY_CHEM_DSASP 323612	15.25 -1.96 0.00	11.22 -1.47 0.00	10.96 -1.53 0.00	9.70 -1.36 0.00	8.76 -1.10 0.00	14.32 -1.78 0.00	17.67 -2.19 0.00	21.44 -2.77 0.00	21.11 -2.79 0.00	17.01 -2.22 0.00	19.02 -1.95 0.00	18.50 -1.90 0.00	16.52 -1.64 0.00	18.63 -1.93 0.00	21.86 -2.43 0.00	24.06 -2.77 0.00	36.69 -4.18 0.00	53.62 -6.33 0.00	56.15 -7.26 0.00	34.18 -4.09 0.00	25.07 -3.09 0.00	21.29 -2.53 0.00	20.98 -2.16 0.00	19.32 -2.09 0.00
OZONE_PARK_ESR 323760	18.79 1.26 -0.32	13.66 0.97 0.00	13.41 0.92 0.00	11.86 0.81 0.00	10.55 0.69 0.00	17.29 1.18 0.00	21.37 1.51 0.00	26.24 2.02 0.00	26.00 2.09 0.00	20.94 1.71 0.00	23.05 1.89 -0.19	23.20 1.90 -0.89	24.38 1.69 -4.52	25.03 1.99 -2.47	29.92 2.34 -3.29	38.77 2.30 -9.64	44.16 3.29 0.00	64.88 4.93 0.00	68.67 5.26 0.00	41.41 3.14 0.00	30.61 2.45 0.00	25.95 2.10 -0.04	25.05 1.91 0.00	23.08 1.68 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	15.25 -1.96 0.00	11.22 -1.47 0.00	10.96 -1.53 0.00	9.70 -1.36 0.00	8.76 -1.10 0.00	14.32 -1.78 0.00	17.67 -2.19 0.00	21.44 -2.77 0.00	21.11 -2.79 0.00	17.01 -2.22 0.00	19.02 -1.95 0.00	18.50 -1.90 0.00	16.52 -1.64 0.00	18.63 -1.93 0.00	21.86 -2.43 0.00	24.06 -2.77 0.00	36.69 -4.18 0.00	53.62 -6.33 0.00	56.15 -7.26 0.00	34.18 -4.09 0.00	25.07 -3.09 0.00	21.29 -2.53 0.00	20.98 -2.16 0.00	19.32 -2.09 0.00
PACKARD___115KV_DUPONT_184 80571	15.25 -1.96 0.00	11.22 -1.47 0.00	10.96 -1.53 0.00	9.70 -1.36 0.00	8.76 -1.10 0.00	14.32 -1.78 0.00	17.67 -2.19 0.00	21.44 -2.77 0.00	21.11 -2.79 0.00	17.01 -2.22 0.00	19.02 -1.95 0.00	18.50 -1.90 0.00	16.52 -1.64 0.00	18.63 -1.93 0.00	21.86 -2.43 0.00	24.06 -2.77 0.00	36.69 -4.18 0.00	53.62 -6.33 0.00	56.15 -7.26 0.00	34.18 -4.09 0.00	25.07 -3.09 0.00	21.29 -2.53 0.00	20.98 -2.16 0.00	19.32 -2.09 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	18.59 1.06 -0.32	13.52 0.83 0.00	13.28 0.79 0.00	11.75 0.70 0.00	10.44 0.59 0.00	17.12 1.01 0.00	21.16 1.30 0.00	25.98 1.76 0.00	25.71 1.81 0.00	20.70 1.47 0.00	22.75 1.59 -0.19	22.91 1.62 -0.89	24.12 1.43 -4.52	24.74 1.71 -2.47	29.59 2.02 -3.29	38.42 1.95 -9.64	43.60 2.73 0.00	64.03 4.08 0.00	67.81 4.41 0.00	40.96 2.68 0.00	30.27 2.11 0.00	25.64 1.79 -0.04	24.76 1.62 0.00	22.83 1.42 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	18.59 1.06 -0.32	13.53 0.84 0.00	13.28 0.80 0.00	11.76 0.71 0.00	10.46 0.60 0.00	17.14 1.04 0.00	21.19 1.34 0.00	26.00 1.78 0.00	25.72 1.82 0.00	20.70 1.47 0.00	22.75 1.59 -0.19	22.91 1.62 -0.89	24.12 1.43 -4.52	24.74 1.71 -2.47	29.60 2.02 -3.29	38.42 1.95 -9.64	43.60 2.73 0.00	64.05 4.10 0.00	67.89 4.48 0.00	40.96 2.69 0.00	30.28 2.12 0.00	25.65 1.79 -0.04	24.76 1.62 0.00	22.83 1.42 0.00
PATROON___115KV_TB1 80586	17.92 0.61 -0.10	13.17 0.48 0.00	12.97 0.49 0.00	11.48 0.43 0.00	10.23 0.37 0.00	16.70 0.59 0.00	20.58 0.72 0.00	25.15 0.94 0.00	24.86 0.96 0.00	20.00 0.78 0.00	21.79 0.76 -0.06	21.41 0.73 -0.28	20.26 0.66 -1.42	22.09 0.75 -0.78	26.26 0.94 -1.04	30.91 1.04 -3.04	42.33 1.46 0.00	62.03 2.08 0.00	65.59 2.18 0.00	39.63 1.36 0.00	29.22 1.06 0.00	24.72 0.90 -0.01	23.96 0.82 0.00	22.11 0.70 0.00
PATTRSNVILLE___SOLAR 323815	17.95 0.65 -0.09	13.16 0.47 0.00	12.96 0.47 0.00	11.47 0.41 0.00	10.22 0.37 0.00	16.73 0.63 0.00	20.66 0.80 0.00	25.22 1.00 0.00	24.86 0.95 0.00	19.96 0.73 0.00	21.57 0.54 -0.05	21.08 0.43 -0.25	19.84 0.39 -1.28	21.72 0.45 -0.70	25.82 0.60 -0.93	30.43 0.87 -2.74	42.44 1.57 0.00	62.33 2.38 0.00	65.90 2.50 0.00	39.77 1.49 0.00	29.26 1.09 0.00	24.75 0.92 -0.01	23.99 0.85 0.00	22.16 0.75 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	16.22 -0.98 0.00	11.89 -0.80 0.00	11.63 -0.86 0.00	10.30 -0.75 0.00	9.27 -0.59 0.00	15.17 -0.93 0.00	18.71 -1.15 0.00	22.80 -1.42 0.00	22.53 -1.37 0.00	18.10 -1.13 0.00	20.13 -0.84 0.00	19.56 -0.84 0.00	17.44 -0.73 0.00	19.71 -0.85 0.00	23.16 -1.13 0.00	25.46 -1.36 0.00	39.03 -1.84 0.00	57.15 -2.80 0.00	60.18 -3.22 0.00	36.43 -1.84 0.00	26.59 -1.57 0.00	22.56 -1.25 0.00	22.15 -0.99 0.00	20.38 -1.03 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	18.43 1.12 -0.10	13.55 0.86 0.00	13.30 0.82 0.00	11.77 0.72 0.00	10.47 0.61 0.00	17.17 1.06 0.00	21.22 1.36 0.00	26.03 1.82 0.00	25.74 1.84 0.00	20.71 1.48 0.00	22.63 1.60 -0.06	22.25 1.58 -0.28	20.95 1.39 -1.39	22.97 1.64 -0.76	27.27 1.97 -1.01	31.77 1.98 -2.97	43.75 2.88 0.00	64.28 4.33 0.00	68.06 4.65 0.00	41.05 2.78 0.00	30.30 2.14 0.00	25.64 1.82 -0.01	24.79 1.65 0.00	22.83 1.43 0.00
PEEKSKILL____ 23653	18.52 0.96 -0.35	13.45 0.76 0.00	13.20 0.72 0.00	11.68 0.63 0.00	10.39 0.53 0.00	17.03 0.93 0.00	21.04 1.18 0.00	25.80 1.59 0.00	25.54 1.63 0.00	20.55 1.32 0.00	22.62 1.44 -0.21	22.83 1.44 -0.99	24.46 1.28 -5.01	24.83 1.53 -2.74	29.74 1.81 -3.65	39.27 1.76 -10.68	43.36 2.49 0.00	63.68 3.73 0.00	67.49 4.08 0.00	40.70 2.43 0.00	30.04 1.88 0.00	25.47 1.61 -0.04	24.59 1.46 0.00	22.68 1.27 0.00

PGE MADISON___WINDPWR 24146	17.59 0.44 0.05	13.04 0.35 0.00	12.82 0.33 0.00	11.41 0.35 0.00	10.22 0.36 0.00	16.78 0.68 0.00	20.88 1.02 0.00	25.60 1.38 0.00	25.20 1.30 0.00	19.92 0.69 0.00	21.72 0.78 0.03	20.79 0.54 0.15	17.97 0.56 0.76	20.70 0.56 0.41	24.55 0.81 0.55	26.16 0.97 1.63	42.76 1.89 0.00	62.65 2.70 0.00	66.42 3.01 0.00	39.96 1.69 0.00	29.23 1.07 0.00	24.71 0.90 0.01	23.85 0.71 0.00	21.94 0.54 0.00
PIERCEFIELD___HYD 23852	17.44 0.24 0.00	20.82 0.06 -8.06	33.33 0.06 -20.79	30.56 0.06 -19.44	24.27 0.13 -14.28	16.38 0.27 0.00	31.00 0.70 -10.43	52.68 1.01 -27.45	32.93 0.88 -8.14	19.46 0.23 0.00	21.11 0.14 0.00	20.35 -0.05 0.00	17.97 -0.21 -0.01	20.33 -0.23 0.00	24.29 0.00 0.00	27.30 0.47 0.00	42.82 1.96 0.00	64.00 4.04 0.00	67.21 3.80 0.00	53.45 1.52 -13.66	58.42 0.72 -29.55	51.22 0.41 -26.99	49.82 0.22 -26.46	40.83 0.14 -19.28
PINELAWN_CC_1 323563	19.53 1.53 -0.79	14.86 1.20 -0.98	13.60 1.11 0.00	11.95 0.90 0.00	10.54 0.68 0.00	17.19 1.09 0.00	21.11 1.25 0.00	25.89 1.68 0.00	25.60 1.70 0.00	20.58 1.35 0.00	22.74 1.58 -0.19	23.03 1.74 -0.89	24.28 1.60 -4.50	24.97 1.95 -2.46	29.53 1.97 -3.28	38.15 1.72 -9.61	43.09 2.22 0.00	62.58 2.63 0.00	66.33 2.92 0.00	40.31 2.04 0.00	30.04 1.89 0.00	25.83 1.98 -0.04	24.88 1.75 0.00	23.00 1.59 0.00
PJM_GEN_HTP_PROXY 323702	18.61 1.08 -0.32	13.53 0.85 0.00	13.28 0.80 0.00	11.76 0.70 0.00	10.45 0.60 0.00	17.12 1.02 0.00	21.15 1.29 0.00	25.96 1.75 0.00	25.69 1.82 0.04	20.72 1.49 0.00	22.80 1.65 -0.19	22.95 1.66 -0.89	24.16 1.47 -4.52	24.78 1.75 -2.47	29.64 2.06 -3.29	38.47 2.00 -9.65	43.69 2.82 0.00	64.17 4.22 0.00	67.90 4.50 0.00	39.34 2.67 1.60	30.26 2.10 0.00	25.66 1.81 -0.04	24.78 1.64 0.00	22.84 1.43 0.00
PJM_GEN_KEystone 24065	16.71 -0.10 0.40	12.60 -0.09 0.00	12.35 -0.14 0.00	10.95 -0.10 0.00	9.77 -0.09 0.00	16.00 -0.10 0.00	19.71 -0.14 0.00	24.15 -0.07 0.00	23.88 0.01 0.04	19.25 0.02 0.00	20.92 0.18 0.24	19.52 0.24 1.12	12.73 0.21 5.65	17.76 0.28 3.09	20.43 0.25 4.11	14.72 -0.06 12.05	40.77 -0.10 0.00	59.86 -0.09 0.00	63.50 0.10 0.00	36.65 -0.02 1.60	28.07 -0.10 0.00	23.73 0.00 0.09	23.21 0.07 0.00	21.39 -0.01 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.08 1.29 -0.58	14.25 1.02 -0.54	13.43 0.94 0.00	11.83 0.77 0.00	10.44 0.58 0.00	17.03 0.93 0.00	20.91 1.06 0.00	25.65 1.44 0.00	25.34 1.47 0.04	20.41 1.19 0.00	22.57 1.41 -0.19	22.87 1.59 -0.89	24.13 1.46 -4.50	24.79 1.77 -2.46	29.48 1.91 -3.28	38.16 1.73 -9.61	43.14 2.27 0.00	62.95 3.00 0.00	66.67 3.26 0.00	38.77 2.10 1.60	29.98 1.82 0.00	25.58 1.73 -0.04	24.65 1.51 0.00	22.77 1.37 0.00
PJM_GEN_VFT_PROXY 323633	18.60 1.08 -0.32	13.54 0.85 0.00	13.28 0.80 0.00	11.76 0.71 0.00	10.45 0.60 0.00	17.14 1.03 0.00	21.17 1.31 0.00	25.98 1.77 0.00	25.69 1.82 0.04	20.72 1.49 0.00	22.80 1.64 -0.19	22.94 1.65 -0.89	24.15 1.46 -4.52	24.76 1.73 -2.47	29.62 2.04 -3.29	38.43 1.96 -9.64	43.61 2.74 0.00	64.07 4.12 0.00	67.85 4.44 0.00	39.32 2.65 1.60	30.25 2.10 0.00	25.66 1.81 -0.04	24.78 1.64 0.00	22.84 1.44 0.00
PLATSBURG_115KV_PMLD1 355749	16.82 -0.39 0.00	-0.96 -0.58 13.07	-21.64 -0.44 33.69	-20.87 -0.42 31.51	-13.66 -0.37 23.14	15.57 -0.53 0.00	2.38 -0.57 16.91	-20.75 -0.69 44.27	10.17 -0.70 13.04	18.70 -0.53 0.00	20.62 -0.35 0.00	19.81 -0.59 0.00	17.37 -0.79 0.01	19.73 -0.83 0.00	23.57 -0.72 0.00	26.38 -0.44 0.00	40.40 -0.47 0.00	59.82 -0.14 0.00	63.43 0.02 0.00	15.24 -0.89 22.14	-20.57 -0.84 47.89	-20.65 -0.73 43.74	-20.59 -0.83 42.90	-10.73 -0.86 31.27
PLEASANTVLY___LBMP 24000	18.32 0.89 -0.23	13.38 0.69 0.00	13.15 0.66 0.00	11.63 0.58 0.00	10.35 0.49 0.00	16.94 0.84 0.00	20.91 1.06 0.00	25.64 1.43 0.00	25.38 1.47 0.00	20.43 1.20 0.00	22.40 1.30 -0.14	22.33 1.29 -0.64	22.54 1.14 -3.24	23.69 1.36 -1.77	28.27 1.63 -2.35	35.32 1.59 -6.90	43.13 2.26 0.00	63.29 3.34 0.00	67.01 3.61 0.00	40.45 2.18 0.00	29.86 1.70 0.00	25.29 1.45 -0.03	24.45 1.32 0.00	22.55 1.15 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.52 1.02 -0.29	13.49 0.80 0.00	13.24 0.76 0.00	11.72 0.67 0.00	10.42 0.56 0.00	17.07 0.97 0.00	21.09 1.23 0.00	25.87 1.66 0.00	25.60 1.70 0.00	20.63 1.40 0.00	22.66 1.52 -0.17	22.73 1.52 -0.81	23.61 1.34 -4.10	24.40 1.60 -2.24	29.17 1.89 -2.99	37.43 1.85 -8.75	43.52 2.65 0.00	63.87 3.92 0.00	67.64 4.23 0.00	40.80 2.53 0.00	30.13 1.97 0.00	25.54 1.69 -0.03	24.67 1.54 0.00	22.74 1.34 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.52 1.02 -0.29	13.49 0.80 0.00	13.24 0.76 0.00	11.72 0.67 0.00	10.42 0.56 0.00	17.07 0.97 0.00	21.09 1.23 0.00	25.87 1.66 0.00	25.60 1.70 0.00	20.63 1.40 0.00	22.66 1.52 -0.17	22.73 1.52 -0.81	23.61 1.34 -4.10	24.40 1.60 -2.24	29.17 1.89 -2.99	37.43 1.85 -8.75	43.52 2.65 0.00	63.87 3.92 0.00	67.64 4.23 0.00	40.80 2.53 0.00	30.13 1.97 0.00	25.54 1.69 -0.03	24.67 1.54 0.00	22.74 1.34 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.18 0.97 0.00	13.45 0.76 0.00	13.21 0.73 0.00	11.69 0.64 0.00	10.40 0.54 0.00	17.04 0.93 0.00	21.04 1.19 0.00	25.81 1.60 0.00	25.53 1.62 0.00	20.52 1.29 0.00	22.36 1.39 0.00	21.75 1.35 0.00	19.35 1.18 0.00	21.97 1.41 0.00	26.00 1.71 0.00	28.56 1.73 0.00	43.42 2.55 0.00	63.77 3.81 0.00	67.52 4.11 0.00	40.74 2.47 0.00	30.07 1.90 0.00	25.43 1.61 0.00	24.60 1.46 0.00	22.68 1.27 0.00
POLETTI_____ 23519	18.63 1.10 -0.32	13.55 0.86 0.00	13.30 0.81 0.00	11.77 0.72 0.00	10.46 0.60 0.00	17.13 1.03 0.00	21.15 1.29 0.00	25.96 1.75 0.00	25.73 1.82 0.00	20.73 1.50 0.00	22.84 1.68 -0.19	22.98 1.69 -0.89	24.18 1.49 -4.52	24.80 1.77 -2.47	29.65 2.08 -3.29	38.46 1.99 -9.64	43.67 2.80 0.00	64.15 4.20 0.00	67.90 4.49 0.00	40.94 2.67 0.00	30.27 2.11 0.00	25.68 1.83 -0.04	24.79 1.66 0.00	22.87 1.46 0.00
POMONA___ESR 323819	16.58 0.94 1.56	13.43 0.74 0.00	13.19 0.70 0.00	11.68 0.62 0.00	10.39 0.52 0.00	17.02 0.92 0.00	21.03 1.18 0.00	25.80 1.59 0.00	25.53 1.63 0.00	20.54 1.32 0.00	21.47 1.43 0.93	17.46 1.43 4.37	-2.67 1.27 22.12	9.99 1.53 12.10	10.00 1.81 16.10	-18.60 1.75 47.18	43.35 2.48 0.00	63.67 3.72 0.00	67.54 4.13 0.00	40.72 2.45 0.00	30.03 1.87 0.00	25.24 1.60 0.17	24.59 1.45 0.00	22.67 1.27 0.00
PORT_JEFF_3 23555	19.64 1.65 -0.79	14.94 1.28 -0.98	13.68 1.19 0.00	12.01 0.95 0.00	10.57 0.72 0.00	17.21 1.10 0.00	21.10 1.24 0.00	25.85 1.63 0.00	25.54 1.64 0.00	20.51 1.28 0.00	22.65 1.50 -0.19	22.97 1.68 -0.89	24.22 1.55 -4.50	24.94 1.92 -2.46	29.64 2.07 -3.28	38.36 1.92 -9.61	43.45 2.58 0.00	63.13 3.18 0.00	66.97 3.56 0.00	40.57 2.31 0.00	30.21 2.05 0.00	25.80 1.95 -0.04	24.87 1.73 0.00	23.00 1.60 0.00

PORT_JEFF_4 23616	19.64 1.65 -0.79	14.94 1.28 -0.98	13.68 1.19 0.00	12.01 0.95 0.00	10.57 0.72 0.00	17.21 1.10 0.00	21.10 1.24 0.00	25.85 1.63 0.00	25.54 1.64 0.00	20.51 1.28 0.00	22.65 1.50 -0.19	22.97 1.68 -0.89	24.22 1.55 -4.50	24.94 1.92 -2.46	29.64 2.07 -3.28	38.36 1.92 -9.61	43.45 2.58 0.00	63.13 3.18 0.00	66.97 3.56 0.00	40.57 2.31 0.00	30.21 2.05 0.00	25.80 1.95 -0.04	24.87 1.73 0.00	23.00 1.60 0.00
PORT_JEFF_IC 23713	19.66 1.66 -0.79	14.95 1.28 -0.98	13.68 1.20 0.00	12.01 0.96 0.00	10.57 0.72 0.00	17.21 1.11 0.00	21.10 1.24 0.00	25.85 1.63 0.00	25.55 1.65 0.00	20.52 1.29 0.00	22.66 1.50 -0.19	22.98 1.69 -0.89	24.23 1.55 -4.50	24.96 1.93 -2.46	29.65 2.08 -3.28	38.37 1.94 -9.61	43.48 2.61 0.00	63.18 3.23 0.00	67.03 3.63 0.00	40.61 2.34 0.00	30.21 2.05 0.00	25.81 1.96 -0.04	24.87 1.74 0.00	23.01 1.60 0.00
PPL_PILGRIM_ST_GT1 24216	19.66 1.66 -0.79	14.95 1.28 -0.98	13.69 1.20 0.00	12.01 0.96 0.00	10.59 0.73 0.00	17.26 1.15 0.00	21.17 1.32 0.00	25.98 1.76 0.00	25.68 1.77 0.00	20.63 1.41 0.00	22.81 1.66 -0.19	23.12 1.83 -0.89	24.37 1.70 -4.50	25.09 2.06 -2.46	29.80 2.23 -3.28	38.51 2.07 -9.61	43.49 2.62 0.00	63.15 3.20 0.00	66.92 3.51 0.00	40.69 2.42 0.00	30.36 2.20 0.00	25.93 2.08 -0.04	24.96 1.83 0.00	23.10 1.69 0.00
PPL_PILGRIM_ST_GT2 24217	19.66 1.66 -0.79	14.95 1.28 -0.98	13.69 1.20 0.00	12.01 0.96 0.00	10.59 0.73 0.00	17.26 1.15 0.00	21.17 1.32 0.00	25.98 1.76 0.00	25.68 1.77 0.00	20.63 1.41 0.00	22.81 1.66 -0.19	23.12 1.83 -0.89	24.37 1.70 -4.50	25.09 2.06 -2.46	29.80 2.23 -3.28	38.51 2.07 -9.61	43.49 2.62 0.00	63.15 3.20 0.00	66.92 3.51 0.00	40.69 2.42 0.00	30.36 2.20 0.00	25.93 2.08 -0.04	24.96 1.83 0.00	23.10 1.69 0.00
PPL_SHRM_GT3 24213	19.73 1.74 -0.79	15.01 1.35 -0.98	13.74 1.26 0.00	12.06 1.01 0.00	10.61 0.75 0.00	17.24 1.13 0.00	21.12 1.26 0.00	25.85 1.63 0.00	25.52 1.62 0.00	20.48 1.25 0.00	22.55 1.39 -0.19	22.84 1.55 -0.89	24.09 1.42 -4.50	24.82 1.79 -2.46	29.53 1.96 -3.28	38.30 1.86 -9.61	43.44 2.58 0.00	62.62 2.67 0.00	66.72 3.31 0.00	40.41 2.14 0.00	30.06 1.90 0.00	25.68 1.83 -0.04	24.74 1.60 0.00	22.87 1.47 0.00
PPL_SHRM_GT4 24214	19.73 1.74 -0.79	15.01 1.35 -0.98	13.74 1.26 0.00	12.06 1.01 0.00	10.61 0.75 0.00	17.24 1.13 0.00	21.12 1.26 0.00	25.85 1.63 0.00	25.52 1.62 0.00	20.48 1.25 0.00	22.55 1.39 -0.19	22.84 1.55 -0.89	24.09 1.42 -4.50	24.82 1.79 -2.46	29.53 1.96 -3.28	38.30 1.86 -9.61	43.44 2.58 0.00	62.62 2.67 0.00	66.72 3.31 0.00	40.41 2.14 0.00	30.06 1.90 0.00	25.68 1.83 -0.04	24.74 1.60 0.00	22.87 1.47 0.00
PROJECT___ORANGE 1 24174	16.90 -0.31 0.00	12.44 -0.25 0.00	12.22 -0.26 0.00	10.83 -0.22 0.00	9.67 -0.19 0.00	15.79 -0.31 0.00	19.46 -0.39 0.00	23.76 -0.45 0.00	23.49 -0.42 0.00	18.82 -0.41 0.00	20.55 -0.43 0.00	19.99 -0.40 0.00	17.82 -0.34 0.00	20.17 -0.39 0.00	23.86 -0.42 0.00	26.31 -0.52 0.00	40.17 -0.70 0.00	58.91 -1.04 0.00	62.22 -1.19 0.00	37.55 -0.73 0.00	27.57 -0.59 0.00	23.30 -0.51 0.00	22.67 -0.47 0.00	21.01 -0.39 0.00
PROJECT___ORANGE 2 24166	16.90 -0.31 0.00	12.44 -0.25 0.00	12.22 -0.26 0.00	10.83 -0.22 0.00	9.67 -0.19 0.00	15.79 -0.31 0.00	19.46 -0.39 0.00	23.76 -0.45 0.00	23.49 -0.42 0.00	18.82 -0.41 0.00	20.55 -0.43 0.00	19.99 -0.40 0.00	17.82 -0.34 0.00	20.17 -0.39 0.00	23.86 -0.42 0.00	26.31 -0.52 0.00	40.17 -0.70 0.00	58.91 -1.04 0.00	62.22 -1.19 0.00	37.55 -0.73 0.00	27.57 -0.59 0.00	23.30 -0.51 0.00	22.67 -0.47 0.00	21.01 -0.39 0.00
PUCKETT___SOLAR 323809	17.15 -0.06 0.00	12.63 -0.06 0.00	12.42 -0.06 0.00	11.04 -0.01 0.00	9.85 -0.01 0.00	16.11 0.01 0.00	19.92 0.05 0.00	24.36 0.15 0.00	24.06 0.15 0.00	19.22 -0.01 0.00	20.94 -0.03 0.00	20.33 -0.07 0.00	18.11 -0.06 0.00	20.53 -0.03 0.00	24.34 0.05 0.00	26.76 -0.07 0.00	40.98 0.11 0.00	60.06 0.10 0.00	63.63 0.22 0.00	38.35 0.08 0.00	28.12 -0.04 0.00	23.82 0.01 0.00	23.15 0.01 0.00	21.37 -0.04 0.00
PYRITES___HYD 24023	17.87 0.67 0.00	21.12 0.37 -8.06	33.64 0.37 -20.79	30.84 0.35 -19.44	24.53 0.39 -14.28	16.85 0.75 0.00	31.64 1.35 -10.43	53.47 1.80 -27.45	33.63 1.58 -8.14	19.81 0.58 0.00	21.48 0.51 0.00	20.69 0.30 0.00	18.19 0.02 -0.01	20.67 0.10 0.00	24.68 0.39 0.00	27.86 1.03 0.00	43.94 3.07 0.00	66.05 6.09 0.00	69.39 5.99 0.00	54.72 2.79 -13.66	59.32 1.62 -29.55	51.93 1.13 -26.99	50.46 0.86 -26.46	41.38 0.69 -19.28
QUAKERRD_115KV_BK1 80622	16.05 -1.15 0.00	11.81 -0.89 0.00	11.58 -0.90 0.00	10.25 -0.80 0.00	9.19 -0.67 0.00	15.04 -1.06 0.00	18.58 -1.28 0.00	22.64 -1.57 0.00	22.31 -1.60 0.00	17.92 -1.31 0.00	19.74 -1.23 0.00	19.21 -1.18 0.00	17.12 -1.05 0.00	19.36 -1.20 0.00	22.84 -1.45 0.00	25.23 -1.60 0.00	38.58 -2.29 0.00	56.58 -3.37 0.00	59.55 -3.86 0.00	36.01 -2.27 0.00	26.37 -1.79 0.00	22.31 -1.50 0.00	21.78 -1.35 0.00	20.13 -1.28 0.00
QUEENSBRY_115KV_TB8 356137	18.28 0.97 -0.10	13.34 0.65 0.00	13.10 0.62 0.00	11.61 0.55 0.00	10.36 0.50 0.00	17.07 0.97 0.00	21.15 1.30 0.00	25.82 1.61 0.00	25.50 1.60 0.00	20.42 1.19 0.00	22.16 1.14 -0.06	21.66 0.99 -0.27	20.32 0.78 -1.37	22.25 0.94 -0.75	26.54 1.26 -0.99	31.18 1.45 -2.91	43.23 2.36 0.00	63.15 3.20 0.00	66.92 3.51 0.00	40.43 2.15 0.00	29.66 1.50 0.00	25.09 1.26 -0.01	24.37 1.23 0.00	22.48 1.07 0.00
RAMAPO___LBMP 323565	17.07 0.88 1.02	13.39 0.70 0.00	13.14 0.66 0.00	11.64 0.59 0.00	10.35 0.49 0.00	16.97 0.87 0.00	20.97 1.11 0.00	25.72 1.50 0.00	25.44 1.54 0.00	20.47 1.24 0.00	21.71 1.35 0.60	18.91 1.35 2.84	4.98 1.20 14.39	14.13 1.44 7.87	15.51 1.69 10.47	-2.24 1.62 30.69	43.16 2.29 0.00	63.42 3.47 0.00	67.30 3.90 0.00	40.57 2.29 0.00	29.90 1.75 0.00	25.20 1.50 0.11	24.50 1.36 0.00	22.59 1.19 0.00
RANKINE____ 23646	15.89 -1.32 0.00	11.65 -1.04 0.00	11.38 -1.10 0.00	10.08 -0.97 0.00	9.09 -0.78 0.00	14.87 -1.24 0.00	18.36 -1.50 0.00	22.33 -1.88 0.00	22.04 -1.86 0.00	17.71 -1.52 0.00	19.73 -1.25 0.00	19.16 -1.24 0.00	17.09 -1.08 0.00	19.32 -1.24 0.00	22.70 -1.59 0.00	24.99 -1.84 0.00	38.30 -2.57 0.00	56.14 -3.81 0.00	59.03 -4.37 0.00	35.76 -2.51 0.00	26.10 -2.06 0.00	22.12 -1.69 0.00	21.73 -1.41 0.00	19.97 -1.43 0.00
RAVENSWOOD_GT2_1 24244	18.65 1.12 -0.32	13.56 0.88 0.00	13.31 0.82 0.00	11.78 0.73 0.00	10.47 0.61 0.00	17.16 1.06 0.00	21.19 1.33 0.00	26.01 1.80 0.00	25.77 1.87 0.00	20.76 1.53 0.00	22.85 1.69 -0.19	23.00 1.70 -0.89	24.20 1.51 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.51 2.04 -9.64	43.74 2.87 0.00	64.23 4.28 0.00	68.01 4.60 0.00	41.02 2.75 0.00	30.33 2.16 0.00	25.71 1.86 -0.04	24.83 1.69 0.00	22.88 1.48 0.00

RAVENSWOOD_GT2_2 24245	18.65 1.12 -0.32	13.56 0.88 0.00	13.31 0.82 0.00	11.78 0.73 0.00	10.47 0.61 0.00	17.16 1.06 0.00	21.19 1.33 0.00	26.01 1.80 0.00	25.77 1.87 0.00	20.76 1.53 0.00	22.85 1.69 -0.19	23.00 1.70 -0.89	24.20 1.51 -4.52	24.82 1.79 -2.47	29.69 2.11 -3.29	38.51 2.04 -9.64	43.74 2.87 0.00	64.23 4.28 0.00	68.01 4.60 0.00	41.02 2.75 0.00	30.33 2.16 0.00	25.71 1.86 -0.04	24.83 1.69 0.00	22.88 1.48 0.00
RAVENSWOOD_GT2_3 24246	18.65 1.12 -0.32	13.57 0.88 0.00	13.32 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.03 1.81 0.00	25.79 1.88 0.00	20.77 1.55 0.00	22.86 1.70 -0.19	23.01 1.72 -0.89	24.21 1.52 -4.52	24.84 1.81 -2.47	29.70 2.12 -3.29	38.53 2.06 -9.64	43.76 2.89 0.00	64.29 4.34 0.00	68.05 4.65 0.00	41.04 2.77 0.00	30.34 2.18 0.00	25.73 1.88 -0.04	24.84 1.71 0.00	22.89 1.49 0.00
RAVENSWOOD_GT2_4 24247	18.65 1.12 -0.32	13.57 0.88 0.00	13.32 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.03 1.81 0.00	25.79 1.88 0.00	20.77 1.55 0.00	22.86 1.70 -0.19	23.01 1.72 -0.89	24.21 1.52 -4.52	24.84 1.81 -2.47	29.70 2.12 -3.29	38.53 2.06 -9.64	43.76 2.89 0.00	64.29 4.34 0.00	68.05 4.65 0.00	41.04 2.77 0.00	30.34 2.18 0.00	25.73 1.88 -0.04	24.84 1.71 0.00	22.89 1.49 0.00
RAVENSWOOD_GT3_1 24248	18.65 1.12 -0.32	13.56 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.80 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.79 -2.47	29.69 2.11 -3.29	38.51 2.04 -9.64	43.75 2.89 0.00	64.24 4.29 0.00	68.02 4.61 0.00	41.02 2.75 0.00	30.33 2.17 0.00	25.71 1.86 -0.04	24.83 1.69 0.00	22.89 1.48 0.00
RAVENSWOOD_GT3_2 24249	18.65 1.12 -0.32	13.56 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.80 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.79 -2.47	29.69 2.11 -3.29	38.51 2.04 -9.64	43.75 2.89 0.00	64.24 4.29 0.00	68.02 4.61 0.00	41.02 2.75 0.00	30.33 2.17 0.00	25.71 1.86 -0.04	24.83 1.69 0.00	22.89 1.48 0.00
RAVENSWOOD_GT3_3 24250	18.67 1.14 -0.32	13.58 0.89 0.00	13.33 0.84 0.00	11.79 0.74 0.00	10.49 0.63 0.00	17.18 1.08 0.00	21.22 1.37 0.00	26.06 1.84 0.00	25.81 1.91 0.00	20.79 1.56 0.00	22.88 1.72 -0.19	23.03 1.74 -0.89	24.23 1.55 -4.52	24.87 1.83 -2.47	29.73 2.15 -3.29	38.56 2.09 -9.64	43.82 2.95 0.00	64.35 4.40 0.00	68.13 4.72 0.00	41.09 2.82 0.00	30.38 2.22 0.00	25.75 1.90 -0.04	24.87 1.73 0.00	22.92 1.51 0.00
RAVENSWOOD_GT3_4 24251	18.67 1.14 -0.32	13.58 0.89 0.00	13.33 0.84 0.00	11.79 0.74 0.00	10.49 0.63 0.00	17.18 1.08 0.00	21.22 1.37 0.00	26.06 1.84 0.00	25.81 1.91 0.00	20.79 1.56 0.00	22.88 1.72 -0.19	23.03 1.74 -0.89	24.23 1.55 -4.52	24.87 1.83 -2.47	29.73 2.15 -3.29	38.56 2.09 -9.64	43.82 2.95 0.00	64.35 4.40 0.00	68.13 4.72 0.00	41.09 2.82 0.00	30.38 2.22 0.00	25.75 1.90 -0.04	24.87 1.73 0.00	22.92 1.51 0.00
RAVENSWOOD_GT_1 23729	18.67 1.15 -0.32	13.58 0.89 0.00	13.33 0.84 0.00	11.79 0.74 0.00	10.49 0.63 0.00	17.19 1.08 0.00	21.23 1.38 0.00	26.06 1.84 0.00	25.83 1.92 0.00	20.81 1.59 0.00	22.89 1.73 -0.19	23.04 1.75 -0.89	24.24 1.55 -4.52	24.88 1.84 -2.47	29.75 2.17 -3.29	38.56 2.09 -9.64	43.77 2.90 0.00	64.29 4.34 0.00	68.03 4.62 0.00	41.05 2.78 0.00	30.39 2.24 0.00	25.75 1.90 -0.04	24.86 1.72 0.00	22.90 1.50 0.00
RAVENSWOOD_GT_10 24258	18.65 1.12 -0.32	13.56 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.80 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.79 -2.47	29.69 2.11 -3.29	38.51 2.04 -9.64	43.75 2.89 0.00	64.27 4.31 0.00	68.02 4.62 0.00	41.02 2.75 0.00	30.33 2.17 0.00	25.71 1.86 -0.04	24.83 1.69 0.00	22.89 1.48 0.00
RAVENSWOOD_GT_11 24259	18.65 1.12 -0.32	13.56 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.80 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.79 -2.47	29.69 2.11 -3.29	38.51 2.04 -9.64	43.75 2.89 0.00	64.27 4.31 0.00	68.02 4.62 0.00	41.02 2.75 0.00	30.33 2.17 0.00	25.71 1.86 -0.04	24.83 1.69 0.00	22.89 1.48 0.00
RAVENSWOOD_GT_4 24252	18.65 1.12 -0.32	13.57 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.81 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.70 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.80 -2.47	29.70 2.12 -3.29	38.52 2.05 -9.64	43.76 2.89 0.00	64.28 4.32 0.00	68.05 4.65 0.00	41.03 2.76 0.00	30.33 2.17 0.00	25.72 1.87 -0.04	24.84 1.70 0.00	22.89 1.49 0.00
RAVENSWOOD_GT_5 24254	18.65 1.12 -0.32	13.57 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.81 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.70 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.80 -2.47	29.70 2.12 -3.29	38.52 2.05 -9.64	43.76 2.89 0.00	64.28 4.32 0.00	68.05 4.65 0.00	41.03 2.76 0.00	30.33 2.17 0.00	25.72 1.87 -0.04	24.84 1.70 0.00	22.89 1.49 0.00
RAVENSWOOD_GT_6 24253	18.65 1.12 -0.32	13.57 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.81 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.70 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.80 -2.47	29.70 2.12 -3.29	38.52 2.05 -9.64	43.76 2.89 0.00	64.28 4.32 0.00	68.05 4.65 0.00	41.03 2.76 0.00	30.33 2.17 0.00	25.72 1.87 -0.04	24.84 1.70 0.00	22.89 1.49 0.00
RAVENSWOOD_GT_7 24255	18.65 1.12 -0.32	13.57 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.81 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.70 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.80 -2.47	29.70 2.12 -3.29	38.52 2.05 -9.64	43.76 2.89 0.00	64.28 4.32 0.00	68.05 4.65 0.00	41.03 2.76 0.00	30.33 2.17 0.00	25.72 1.87 -0.04	24.84 1.70 0.00	22.89 1.49 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.65 1.12 -0.32	13.56 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.80 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.79 -2.47	29.69 2.11 -3.29	38.51 2.04 -9.64	43.75 2.89 0.00	64.27 4.31 0.00	68.02 4.62 0.00	41.02 2.75 0.00	30.33 2.17 0.00	25.71 1.86 -0.04	24.83 1.69 0.00	22.89 1.48 0.00

RAVENSWOOD_GT_9 24257	18.65 1.12 -0.32	13.56 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.02 1.80 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.79 -2.47	29.69 2.11 -3.29	38.51 2.04 -9.64	43.75 2.89 0.00	64.27 4.31 0.00	68.02 4.62 0.00	41.02 2.75 0.00	30.33 2.17 0.00	25.71 1.86 -0.04	24.83 1.69 0.00	22.89 1.48 0.00
RAVENSWOOD___1 23533	18.64 1.12 -0.32	13.56 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.01 1.80 0.00	25.79 1.88 0.00	20.78 1.55 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.79 -2.47	29.70 2.12 -3.29	38.51 2.04 -9.64	43.72 2.85 0.00	64.20 4.25 0.00	67.94 4.54 0.00	41.01 2.74 0.00	30.34 2.18 0.00	25.71 1.86 -0.04	24.82 1.68 0.00	22.88 1.47 0.00
RAVENSWOOD___2 23534	18.64 1.12 -0.32	13.56 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.01 1.80 0.00	25.79 1.88 0.00	20.78 1.55 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.79 -2.47	29.70 2.12 -3.29	38.51 2.04 -9.64	43.72 2.85 0.00	64.20 4.25 0.00	67.94 4.54 0.00	41.01 2.74 0.00	30.34 2.18 0.00	25.71 1.86 -0.04	24.82 1.68 0.00	22.88 1.47 0.00
RAVENSWOOD___3 23535	18.65 1.12 -0.32	13.57 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.19 1.34 0.00	26.02 1.81 0.00	25.77 1.87 0.00	20.76 1.53 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.79 -2.47	29.69 2.11 -3.29	38.51 2.04 -9.64	43.75 2.88 0.00	64.26 4.31 0.00	68.02 4.62 0.00	41.03 2.76 0.00	30.33 2.18 0.00	25.71 1.86 -0.04	24.84 1.70 0.00	22.89 1.49 0.00
RAVENSWOOD___4 23820	18.64 1.12 -0.32	13.56 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.62 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.01 1.80 0.00	25.79 1.88 0.00	20.78 1.55 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.79 -2.47	29.70 2.12 -3.29	38.51 2.04 -9.64	43.72 2.85 0.00	64.20 4.25 0.00	67.94 4.54 0.00	41.01 2.74 0.00	30.34 2.18 0.00	25.71 1.86 -0.04	24.82 1.68 0.00	22.88 1.47 0.00
RCPI_TRUST___DRP 24196	18.64 1.11 -0.32	13.55 0.87 0.00	13.31 0.82 0.00	11.77 0.72 0.00	10.47 0.61 0.00	17.14 1.04 0.00	21.18 1.32 0.00	26.01 1.79 0.00	25.77 1.87 0.00	20.77 1.54 0.00	22.86 1.70 -0.19	23.00 1.71 -0.89	24.21 1.52 -4.52	24.84 1.81 -2.47	29.71 2.13 -3.29	38.54 2.07 -9.65	43.80 2.93 0.00	64.33 4.37 0.00	68.05 4.65 0.00	41.01 2.74 0.00	30.31 2.15 0.00	25.71 1.86 -0.04	24.82 1.68 0.00	22.87 1.47 0.00
RED___ROCHESTER 323720	16.34 -0.87 0.00	12.00 -0.69 0.00	11.76 -0.73 0.00	10.40 -0.65 0.00	9.34 -0.51 0.00	15.29 -0.81 0.00	18.91 -0.95 0.00	23.08 -1.14 0.00	22.75 -1.15 0.00	18.30 -0.93 0.00	20.20 -0.77 0.00	19.67 -0.73 0.00	17.52 -0.65 0.00	19.83 -0.73 0.00	23.36 -0.93 0.00	25.83 -1.00 0.00	39.52 -1.35 0.00	57.98 -1.97 0.00	61.02 -2.38 0.00	36.89 -1.38 0.00	26.99 -1.17 0.00	22.83 -0.98 0.00	22.31 -0.83 0.00	20.57 -0.83 0.00
REGAN___SOLAR 323812	18.25 0.96 -0.08	13.38 0.69 0.00	13.15 0.67 0.00	11.64 0.59 0.00	10.40 0.54 0.00	17.04 0.94 0.00	21.10 1.24 0.00	25.75 1.53 0.00	25.34 1.44 0.00	20.26 1.03 0.00	21.55 0.53 -0.05	20.94 0.30 -0.24	19.60 0.22 -1.21	21.48 0.25 -0.66	25.54 0.37 -0.88	30.37 0.97 -2.57	43.33 2.46 0.00	63.92 3.97 0.00	67.52 4.11 0.00	40.64 2.37 0.00	29.82 1.65 0.00	25.19 1.36 -0.01	24.39 1.25 0.00	22.52 1.11 0.00
RENSSELAER___COGEN 23796	17.84 0.53 -0.10	13.11 0.42 0.00	12.92 0.43 0.00	11.43 0.38 0.00	10.18 0.32 0.00	16.62 0.52 0.00	20.47 0.61 0.00	25.02 0.81 0.00	24.73 0.82 0.00	19.89 0.66 0.00	21.67 0.64 -0.06	21.29 0.61 -0.28	20.16 0.56 -1.43	21.97 0.63 -0.78	26.12 0.79 -1.04	30.73 0.85 -3.05	42.04 1.17 0.00	61.60 1.65 0.00	65.18 1.77 0.00	39.40 1.13 0.00	29.06 0.90 0.00	24.59 0.76 -0.01	23.83 0.69 0.00	22.00 0.60 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.17 1.86 -0.10	13.87 1.18 0.00	13.56 1.07 0.00	12.04 0.99 0.00	10.76 0.90 0.00	17.96 1.86 0.00	22.43 2.58 0.00	27.34 3.13 0.00	27.04 3.14 0.00	21.43 2.21 0.00	23.20 2.17 -0.06	22.64 1.96 -0.27	21.11 1.57 -1.37	23.15 1.84 -0.75	27.70 2.42 -1.00	32.42 2.68 -2.92	45.37 4.50 0.00	65.72 5.77 0.00	69.98 6.57 0.00	42.40 4.13 0.00	30.88 2.72 0.00	26.18 2.35 -0.01	25.41 2.27 0.00	23.41 2.01 0.00
REVERE_CPFR_DRP 24186	17.57 0.36 0.00	13.61 0.23 -0.69	14.48 0.21 -1.78	12.92 0.20 -1.66	11.29 0.21 -1.22	16.53 0.42 0.00	21.38 0.62 -0.90	27.72 0.97 -2.53	25.65 0.98 -0.77	19.91 0.68 0.00	21.57 0.60 0.00	20.86 0.46 0.00	18.47 0.30 0.00	20.90 0.34 0.00	24.76 0.47 0.00	27.50 0.67 0.00	42.32 1.45 0.00	62.38 2.43 0.00	65.67 2.26 0.00	40.62 1.19 -1.17	31.39 0.71 -2.53	26.69 0.57 -2.31	25.89 0.48 -2.26	23.43 0.37 -1.65
REYNOLDS_115KV_TB3 80639	17.96 0.65 -0.10	13.20 0.51 0.00	13.00 0.52 0.00	11.50 0.45 0.00	10.25 0.39 0.00	16.74 0.63 0.00	20.62 0.76 0.00	25.20 0.99 0.00	24.91 1.01 0.00	20.04 0.81 -0.06	21.84 0.81 -0.29	21.45 0.76 -1.48	20.34 0.69 -1.48	22.16 0.79 -0.81	26.35 0.98 -1.08	31.03 1.05 -3.16	42.30 1.43 0.00	61.94 1.99 0.00	65.57 2.16 0.00	39.64 1.37 0.00	29.26 1.10 0.00	24.76 0.93 -0.01	24.00 0.86 0.00	22.16 0.76 0.00
RIVERBAY____ 323610	18.59 1.06 -0.32	13.53 0.84 0.00	13.28 0.80 0.00	11.76 0.71 0.00	10.46 0.60 0.00	17.14 1.04 0.00	21.19 1.34 0.00	26.00 1.78 0.00	25.72 1.82 0.00	20.70 1.47 0.00	22.75 1.59 -0.19	22.91 1.62 -0.89	24.12 1.43 -4.52	24.74 1.71 -2.47	29.60 2.02 -3.29	38.42 1.95 -9.64	43.60 2.73 0.00	64.05 4.10 0.00	67.89 4.48 0.00	40.96 2.69 0.00	30.28 2.12 0.00	25.65 1.79 -0.04	24.76 1.62 0.00	22.83 1.42 0.00
RIVERSDE_115KV_TB3 55908	17.91 0.60 -0.10	13.16 0.47 0.00	12.97 0.48 0.00	11.48 0.43 0.00	10.22 0.36 0.00	16.69 0.59 0.00	20.56 0.70 0.00	25.14 0.92 0.00	24.85 0.94 0.00	19.99 0.76 0.00	21.78 0.75 -0.06	21.40 0.71 -0.29	20.27 0.65 -1.46	22.10 0.74 -0.80	26.26 0.92 -1.06	30.92 0.99 -3.10	42.23 1.36 0.00	61.86 1.90 0.00	65.46 2.06 0.00	39.57 1.30 0.00	29.19 1.03 0.00	24.70 0.87 -0.01	23.94 0.80 0.00	22.10 0.70 0.00
ROARING___BROOK_WT_PWR 323790	-39.00 -0.65 55.56	-39.00 -0.49 51.20	-39.00 -0.48 51.01	-39.00 -0.43 49.62	-39.00 -0.37 48.49	-39.00 -0.61 54.50	-14.76 -0.72 33.90	-39.00 -0.90 62.31	-34.08 -0.92 57.06	-6.19 -0.73 24.69	20.26 -0.71 0.00	19.89 -0.51 0.00	17.78 -0.39 0.00	20.10 -0.46 0.00	23.77 -0.52 0.00	26.36 -0.46 0.00	40.29 -0.58 0.00	58.87 -1.08 0.00	61.77 -1.64 0.00	24.67 -1.29 12.30	-39.00 -1.03 66.13	-39.00 -0.89 61.93	-39.00 -0.87 61.27	-39.00 -0.81 59.60

ROCHESRG_115KV_T4 355643	16.19 -1.02 0.00	11.90 -0.79 0.00	11.66 -0.82 0.00	10.32 -0.73 0.00	9.27 -0.59 0.00	15.16 -0.94 0.00	18.72 -1.13 0.00	22.81 -1.41 0.00	22.47 -1.44 0.00	18.06 -1.17 0.00	19.95 -1.02 0.00	19.42 -0.98 0.00	17.30 -0.86 0.00	19.57 -0.99 0.00	23.05 -1.24 0.00	25.45 -1.38 0.00	38.92 -1.95 0.00	57.07 -2.88 0.00	60.05 -3.36 0.00	36.32 -1.95 0.00	26.60 -1.56 0.00	22.52 -1.29 0.00	22.03 -1.11 0.00	20.33 -1.07 0.00
ROCHESTER_9_IC 23652	16.26 -0.94 0.00	11.96 -0.73 0.00	11.71 -0.77 0.00	10.37 -0.69 0.00	9.31 -0.55 0.00	15.24 -0.87 0.00	18.82 -1.03 0.00	22.93 -1.29 0.00	22.59 -1.31 0.00	18.16 -1.07 0.00	20.06 -0.91 0.00	19.53 -0.87 0.00	17.39 -0.78 0.00	19.67 -0.89 0.00	23.18 -1.11 0.00	25.61 -1.22 0.00	39.18 -1.69 0.00	57.45 -2.50 0.00	60.43 -2.97 0.00	36.55 -1.72 0.00	26.77 -1.39 0.00	22.65 -1.16 0.00	22.14 -0.99 0.00	20.43 -0.97 0.00
ROCKVIEW_13_KV_LD 356306	18.64 1.11 -0.32	13.55 0.86 0.00	13.30 0.81 0.00	11.77 0.71 0.00	10.46 0.60 0.00	17.14 1.04 0.00	21.17 1.32 0.00	25.99 1.77 0.00	25.73 1.83 0.00	20.73 1.50 0.00	22.80 1.65 -0.19	22.94 1.65 -0.89	24.15 1.47 -4.52	24.78 1.74 -2.47	29.64 2.06 -3.29	38.48 2.02 -9.64	43.73 2.86 0.00	64.22 4.26 0.00	67.99 4.59 0.00	41.01 2.74 0.00	30.29 2.13 0.00	25.68 1.83 -0.04	24.80 1.66 0.00	22.86 1.45 0.00
ROME____115KV_TB2 80656	17.57 0.36 0.00	13.61 0.23 -0.69	14.48 0.21 -1.78	12.92 0.20 -1.66	11.29 0.21 -1.22	16.53 0.42 0.00	21.38 0.62 -0.90	27.72 0.97 -2.53	25.65 0.98 -0.77	19.91 0.68 0.00	21.57 0.60 0.00	20.86 0.46 0.00	18.47 0.30 0.00	20.90 0.34 0.00	24.76 0.47 0.00	27.50 0.67 0.00	42.32 1.45 0.00	62.38 2.43 0.00	65.67 2.26 0.00	40.62 1.19 -1.17	31.39 0.71 -2.53	26.69 0.57 -2.31	25.89 0.48 -2.26	23.43 0.37 -1.65
ROSETON___1 23587	18.35 0.91 -0.24	13.38 0.68 0.00	13.11 0.62 0.00	11.65 0.60 0.00	10.36 0.50 0.00	16.97 0.87 0.00	20.95 1.09 0.00	25.69 1.48 0.00	25.42 1.52 0.00	20.47 1.24 0.00	22.45 1.35 -0.14	22.40 1.34 -0.66	22.70 1.19 -3.34	23.80 1.41 -1.83	28.41 1.69 -2.44	35.61 1.65 -7.13	43.20 2.33 0.00	63.41 3.45 0.00	67.13 3.73 0.00	40.52 2.25 0.00	29.92 1.76 0.00	25.35 1.50 -0.03	24.50 1.36 0.00	22.59 1.19 0.00
ROSETON___2 23588	17.14 0.82 0.89	13.35 0.66 0.00	13.10 0.62 0.00	11.61 0.55 0.00	10.32 0.46 0.00	16.92 0.82 0.00	20.90 1.04 0.00	25.62 1.41 0.00	25.35 1.44 0.00	20.39 1.16 0.00	21.69 1.25 0.53	19.16 1.24 2.49	6.69 1.10 12.58	15.01 1.32 6.88	16.70 1.57 9.16	1.52 1.53 26.83	43.02 2.15 0.00	63.21 3.26 0.00	67.07 3.67 0.00	40.42 2.15 0.00	29.80 1.64 0.00	25.12 1.40 0.10	24.42 1.28 0.00	22.52 1.11 0.00
ROTRDAM_115KV_TB3 80664	17.87 0.56 -0.09	13.11 0.42 0.00	12.91 0.42 0.00	11.43 0.37 0.00	10.18 0.32 0.00	16.65 0.55 0.00	20.55 0.69 0.00	25.09 0.88 0.00	24.78 0.87 0.00	19.91 0.68 0.00	21.66 0.63 -0.06	21.21 0.55 -0.26	19.97 0.49 -1.31	21.86 0.58 -0.72	25.98 0.74 -0.96	30.49 0.86 -2.80	42.20 1.34 0.00	61.90 1.95 0.00	65.49 2.08 0.00	39.54 1.27 0.00	29.12 0.96 0.00	24.64 0.81 -0.01	23.89 0.75 0.00	22.07 0.67 0.00
RUSSELL___1 23602	16.33 -0.88 0.00	12.00 -0.69 0.00	11.76 -0.73 0.00	10.41 -0.65 0.00	9.35 -0.51 0.00	15.29 -0.81 0.00	18.91 -0.95 0.00	23.09 -1.12 0.00	22.76 -1.15 0.00	18.29 -0.94 0.00	20.20 -0.77 0.00	19.65 -0.74 0.00	17.50 -0.66 0.00	19.81 -0.75 0.00	23.36 -0.93 0.00	25.82 -1.01 0.00	39.52 -1.35 0.00	57.98 -1.97 0.00	61.00 -2.40 0.00	36.89 -1.38 0.00	26.99 -1.17 0.00	22.83 -0.98 0.00	22.31 -0.83 0.00	20.58 -0.83 0.00
RUSSELL___2 23532	16.33 -0.88 0.00	12.00 -0.69 0.00	11.76 -0.73 0.00	10.41 -0.65 0.00	9.35 -0.51 0.00	15.29 -0.81 0.00	18.91 -0.95 0.00	23.09 -1.12 0.00	22.76 -1.15 0.00	18.29 -0.94 0.00	20.20 -0.77 0.00	19.65 -0.74 0.00	17.50 -0.66 0.00	19.81 -0.75 0.00	23.36 -0.93 0.00	25.82 -1.01 0.00	39.52 -1.35 0.00	57.98 -1.97 0.00	61.00 -2.40 0.00	36.89 -1.38 0.00	26.99 -1.17 0.00	22.83 -0.98 0.00	22.31 -0.83 0.00	20.58 -0.83 0.00
RUSSELL___3 23549	16.33 -0.88 0.00	12.00 -0.69 0.00	11.76 -0.73 0.00	10.41 -0.65 0.00	9.35 -0.51 0.00	15.29 -0.81 0.00	18.91 -0.95 0.00	23.09 -1.12 0.00	22.76 -1.15 0.00	18.29 -0.94 0.00	20.20 -0.77 0.00	19.65 -0.74 0.00	17.50 -0.66 0.00	19.81 -0.75 0.00	23.36 -0.93 0.00	25.82 -1.01 0.00	39.52 -1.35 0.00	57.98 -1.97 0.00	61.00 -2.40 0.00	36.89 -1.38 0.00	26.99 -1.17 0.00	22.83 -0.98 0.00	22.31 -0.83 0.00	20.58 -0.83 0.00
RUSSELL___4 23556	16.33 -0.88 0.00	12.00 -0.69 0.00	11.76 -0.73 0.00	10.41 -0.65 0.00	9.35 -0.51 0.00	15.29 -0.81 0.00	18.91 -0.95 0.00	23.09 -1.12 0.00	22.76 -1.15 0.00	18.29 -0.94 0.00	20.20 -0.77 0.00	19.65 -0.74 0.00	17.50 -0.66 0.00	19.81 -0.75 0.00	23.36 -0.93 0.00	25.82 -1.01 0.00	39.52 -1.35 0.00	57.98 -1.97 0.00	61.00 -2.40 0.00	36.89 -1.38 0.00	26.99 -1.17 0.00	22.83 -0.98 0.00	22.31 -0.83 0.00	20.58 -0.83 0.00
RUSSELL___STATION 23914	16.33 -0.88 0.00	12.00 -0.69 0.00	11.76 -0.73 0.00	10.41 -0.65 0.00	9.35 -0.51 0.00	15.29 -0.81 0.00	18.91 -0.95 0.00	23.09 -1.12 0.00	22.76 -1.15 0.00	18.29 -0.94 0.00	20.20 -0.77 0.00	19.65 -0.74 0.00	17.50 -0.66 0.00	19.81 -0.75 0.00	23.36 -0.93 0.00	25.82 -1.01 0.00	39.52 -1.35 0.00	57.98 -1.97 0.00	61.00 -2.40 0.00	36.89 -1.38 0.00	26.99 -1.17 0.00	22.83 -0.98 0.00	22.31 -0.83 0.00	20.58 -0.83 0.00
S SALMON___HYD 24043	16.75 -0.46 0.00	13.20 -0.35 -0.86	14.32 -0.38 -2.22	12.80 -0.33 -2.08	11.12 -0.26 -1.52	15.65 -0.46 0.00	20.53 -0.43 -1.11	26.90 -0.37 -3.05	24.69 -0.22 -1.01	18.73 -0.50 0.00	20.38 -0.59 0.00	19.72 -0.68 0.00	17.59 -0.58 0.00	19.82 -0.74 0.00	23.65 -0.64 0.00	26.11 -0.72 0.00	40.25 -0.62 0.00	59.26 -0.69 0.00	62.34 -1.07 0.00	38.82 -0.90 -1.46	30.49 -0.82 -3.15	25.95 -0.75 -2.88	25.27 -0.69 -2.82	22.84 -0.62 -2.06
S.PERRY__115KV_TB1 80734	16.47 -0.74 0.00	12.07 -0.63 0.00	11.81 -0.68 0.00	10.50 -0.56 0.00	9.41 -0.45 0.00	15.43 -0.67 0.00	19.12 -0.74 0.00	23.29 -0.93 0.00	22.76 -1.15 0.00	18.03 -1.20 0.00	19.91 -1.06 0.00	19.37 -1.03 0.00	17.19 -0.97 0.00	19.50 -1.06 0.00	23.06 -1.23 0.00	25.46 -1.37 0.00	39.76 -1.11 0.00	58.82 -1.13 0.00	61.90 -1.50 0.00	37.27 -1.00 0.00	27.16 -1.00 0.00	22.89 -0.93 0.00	22.35 -0.79 0.00	20.54 -0.87 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.65 -1.56 0.00	11.49 -1.20 0.00	11.23 -1.26 0.00	9.94 -1.11 0.00	8.97 -0.90 0.00	14.66 -1.44 0.00	18.10 -1.76 0.00	22.00 -2.21 0.00	21.70 -2.21 0.00	17.46 -1.77 0.00	19.47 -1.50 0.00	18.93 -1.47 0.00	16.89 -1.28 0.00	19.08 -1.49 0.00	22.40 -1.89 0.00	24.66 -2.17 0.00	37.72 -3.15 0.00	55.25 -4.70 0.00	57.99 -5.42 0.00	35.19 -3.08 0.00	25.72 -2.44 0.00	21.83 -1.99 0.00	21.47 -1.67 0.00	19.75 -1.66 0.00

SAWYER___23_KV_LOAD 55526	15.65 -1.56 0.00	11.49 -1.20 0.00	11.23 -1.26 0.00	9.94 -1.11 0.00	8.97 -0.90 0.00	14.66 -1.44 0.00	18.10 -1.76 0.00	22.00 -2.21 0.00	21.70 -2.21 0.00	17.46 -1.77 0.00	19.47 -1.50 0.00	18.93 -1.47 0.00	16.89 -1.28 0.00	19.08 -1.49 0.00	22.40 -1.89 0.00	24.66 -2.17 0.00	37.72 -3.15 0.00	55.25 -4.70 0.00	57.99 -5.42 0.00	35.19 -3.08 0.00	25.72 -2.44 0.00	21.83 -1.99 0.00	21.47 -1.67 0.00	19.75 -1.66 0.00
SELKIRK___I 23801	17.90 0.61 -0.08	13.17 0.48 0.00	12.98 0.49 0.00	11.48 0.43 0.00	10.23 0.37 0.00	16.69 0.58 0.00	20.55 0.69 0.00	25.10 0.88 0.00	24.80 0.89 0.00	19.92 0.69 0.00	21.65 0.63 -0.05	21.20 0.57 -0.23	19.85 0.51 -1.17	21.76 0.56 -0.64	25.87 0.73 -0.85	30.22 0.89 -2.50	42.20 1.33 0.00	61.86 1.91 0.00	65.40 1.99 0.00	39.54 1.26 0.00	29.14 0.98 0.00	24.66 0.83 -0.01	23.91 0.77 0.00	22.09 0.68 0.00
SELKIRK___II 23799	17.81 0.51 -0.10	13.10 0.40 0.00	12.90 0.41 0.00	11.41 0.36 0.00	10.17 0.31 0.00	16.59 0.49 0.00	20.44 0.59 0.00	24.99 0.77 0.00	24.69 0.79 0.00	19.86 0.63 0.00	21.64 0.61 -0.06	21.25 0.58 -0.27	20.06 0.52 -1.37	21.91 0.60 -0.75	26.04 0.75 -1.00	30.56 0.81 -2.92	41.99 1.12 0.00	61.54 1.59 0.00	65.11 1.70 0.00	39.35 1.08 0.00	29.02 0.86 0.00	24.56 0.73 -0.01	23.81 0.67 0.00	21.99 0.58 0.00
SENECA OSWGO___HYD 24041	16.78 -0.43 0.00	12.36 -0.33 0.00	12.14 -0.34 0.00	10.76 -0.30 0.00	9.60 -0.26 0.00	15.67 -0.43 0.00	19.32 -0.54 0.00	24.13 -0.52 -0.44	24.12 -0.25 -0.46	18.64 -0.59 0.00	20.32 -0.65 0.00	19.74 -0.66 0.00	17.60 -0.56 0.00	19.91 -0.66 0.00	23.77 -0.51 0.00	26.01 -0.82 0.00	39.77 -1.10 0.00	58.37 -1.59 0.00	61.67 -1.73 0.00	37.22 -1.05 0.00	27.34 -0.82 0.00	23.11 -0.71 0.00	22.47 -0.66 0.00	20.86 -0.55 0.00
SENECA___115KV_TB3 355854	15.91 -1.30 0.00	11.67 -1.03 0.00	11.40 -1.09 0.00	10.10 -0.95 0.00	9.10 -0.76 0.00	14.89 -1.21 0.00	18.39 -1.47 0.00	22.37 -1.85 0.00	22.08 -1.83 0.00	17.75 -1.49 0.00	19.76 -1.21 0.00	19.20 -1.20 0.00	17.12 -1.05 0.00	19.35 -1.21 0.00	22.75 -1.55 0.00	25.03 -1.80 0.00	38.37 -2.50 0.00	56.25 -3.70 0.00	59.14 -4.27 0.00	35.82 -2.45 0.00	26.14 -2.02 0.00	22.16 -1.65 0.00	21.76 -1.38 0.00	20.00 -1.40 0.00
SENECA___ENERGY 23797	16.71 -0.49 0.00	12.26 -0.43 0.00	12.04 -0.45 0.00	10.68 -0.37 0.00	9.54 -0.32 0.00	15.60 -0.50 0.00	19.26 -0.59 0.00	23.71 -0.50 0.00	23.37 -0.54 0.00	18.52 -0.71 0.00	20.25 -0.72 0.00	19.71 -0.69 0.00	17.53 -0.64 0.00	19.76 -0.81 0.00	23.53 -0.76 0.00	25.79 -1.03 0.00	39.50 -1.37 0.00	58.10 -1.86 0.00	61.34 -2.07 0.00	36.96 -1.31 0.00	27.12 -1.04 0.00	22.92 -0.90 0.00	22.31 -0.83 0.00	20.60 -0.80 0.00
SHOEMAKER___GT 23640	17.11 0.83 0.92	13.35 0.66 0.00	13.10 0.62 0.00	11.61 0.56 0.00	10.33 0.47 0.00	16.92 0.82 0.00	20.91 1.06 0.00	25.62 1.41 0.00	25.33 1.43 0.00	20.36 1.13 0.00	21.61 1.19 0.55	18.99 1.17 2.58	6.15 1.04 13.06	14.67 1.25 7.14	16.28 1.50 9.50	0.47 1.50 27.86	43.05 2.18 0.00	63.27 3.31 0.00	67.12 3.72 0.00	40.45 2.18 0.00	29.81 1.65 0.00	25.13 1.41 0.10	24.42 1.29 0.00	22.52 1.12 0.00
SHOEMAKR_138KV_BK 111 55601	17.12 0.82 0.91	13.34 0.65 0.00	13.10 0.62 0.00	11.60 0.55 0.00	10.32 0.46 0.00	16.92 0.82 0.00	20.90 1.04 0.00	25.62 1.40 0.00	25.33 1.42 0.00	20.36 1.13 0.00	21.63 1.20 0.54	19.04 1.18 2.54	6.35 1.06 12.87	14.79 1.27 7.04	16.44 1.51 9.36	0.88 1.50 27.45	43.03 2.16 0.00	63.25 3.30 0.00	67.10 3.70 0.00	40.44 2.17 0.00	29.80 1.64 0.00	25.11 1.40 0.10	24.41 1.27 0.00	22.51 1.11 0.00
SHOREHAM_IC_1 23715	19.73 1.74 -0.79	15.01 1.35 -0.98	13.74 1.26 0.00	12.06 1.01 0.00	10.61 0.75 0.00	17.24 1.13 0.00	21.12 1.26 0.00	25.85 1.63 0.00	25.52 1.62 0.00	20.48 1.25 0.00	22.55 1.39 -0.19	22.84 1.55 -0.89	24.09 1.42 -4.50	24.82 1.79 -2.46	29.53 1.96 -3.28	38.30 1.86 -9.61	43.44 2.58 0.00	62.62 2.67 0.00	66.72 3.31 0.00	40.41 2.14 0.00	30.06 1.90 0.00	25.68 1.83 -0.04	24.74 1.60 0.00	22.87 1.47 0.00
SHOREHAM_IC_2 23716	19.73 1.74 -0.79	15.01 1.35 -0.98	13.74 1.26 0.00	12.06 1.01 0.00	10.61 0.75 0.00	17.24 1.13 0.00	21.12 1.26 0.00	25.85 1.63 0.00	25.52 1.62 0.00	20.48 1.25 0.00	22.55 1.39 -0.19	22.84 1.55 -0.89	24.09 1.42 -4.50	24.82 1.79 -2.46	29.53 1.96 -3.28	38.30 1.86 -9.61	43.44 2.58 0.00	62.62 2.67 0.00	66.72 3.31 0.00	40.41 2.14 0.00	30.06 1.90 0.00	25.68 1.83 -0.04	24.74 1.60 0.00	22.87 1.47 0.00
SISSONVILLE____ 23735	17.44 0.24 0.00	20.82 0.06 -8.06	33.33 0.06 -20.79	30.56 0.06 -19.44	24.27 0.13 -14.28	16.38 0.27 0.00	31.00 0.70 -10.43	52.68 1.01 -27.45	32.93 0.88 -8.14	19.46 0.23 0.00	21.11 0.14 0.00	20.35 -0.05 0.00	17.97 -0.21 -0.01	20.33 -0.23 0.00	24.29 0.00 0.00	27.30 0.47 0.00	42.82 1.96 0.00	64.00 4.04 0.00	67.21 3.80 0.00	53.45 1.52 -13.66	58.42 0.72 -29.55	51.22 0.41 -26.99	49.82 0.22 -26.46	40.83 0.14 -19.28
SITHE_IND_GS1 24169	16.64 -0.57 0.00	12.26 -0.43 0.00	12.05 -0.44 0.00	10.67 -0.38 0.00	9.52 -0.34 0.00	15.53 -0.57 0.00	19.11 -0.74 0.00	23.22 -0.99 0.00	22.93 -0.98 0.00	18.46 -0.77 0.00	20.14 -0.83 0.00	19.60 -0.80 0.00	17.48 -0.69 0.00	19.75 -0.81 0.00	23.29 -0.99 0.00	25.75 -1.08 0.00	39.27 -1.60 0.00	57.59 -2.36 0.00	60.84 -2.57 0.00	36.73 -1.54 0.00	27.00 -1.16 0.00	22.84 -0.98 0.00	22.23 -0.91 0.00	20.66 -0.75 0.00
SITHE_IND_GS2 24170	16.64 -0.57 0.00	12.26 -0.43 0.00	12.05 -0.44 0.00	10.67 -0.38 0.00	9.52 -0.34 0.00	15.53 -0.57 0.00	19.11 -0.74 0.00	23.22 -0.99 0.00	22.93 -0.98 0.00	18.46 -0.77 0.00	20.14 -0.83 0.00	19.60 -0.80 0.00	17.48 -0.69 0.00	19.75 -0.81 0.00	23.29 -0.99 0.00	25.75 -1.08 0.00	39.27 -1.60 0.00	57.59 -2.36 0.00	60.84 -2.57 0.00	36.73 -1.54 0.00	27.00 -1.16 0.00	22.84 -0.98 0.00	22.23 -0.91 0.00	20.66 -0.75 0.00
SITHE_IND_GS3 24171	16.64 -0.57 0.00	12.26 -0.43 0.00	12.05 -0.44 0.00	10.67 -0.38 0.00	9.52 -0.34 0.00	15.53 -0.57 0.00	19.11 -0.74 0.00	23.22 -0.99 0.00	22.93 -0.98 0.00	18.46 -0.77 0.00	20.14 -0.83 0.00	19.60 -0.80 0.00	17.48 -0.69 0.00	19.75 -0.81 0.00	23.29 -0.99 0.00	25.75 -1.08 0.00	39.27 -1.60 0.00	57.59 -2.36 0.00	60.84 -2.57 0.00	36.73 -1.54 0.00	27.00 -1.16 0.00	22.84 -0.98 0.00	22.23 -0.91 0.00	20.66 -0.75 0.00
SITHE_IND_GS4 24172	16.64 -0.57 0.00	12.26 -0.43 0.00	12.05 -0.44 0.00	10.67 -0.38 0.00	9.52 -0.34 0.00	15.53 -0.57 0.00	19.11 -0.74 0.00	23.22 -0.99 0.00	22.93 -0.98 0.00	18.46 -0.77 0.00	20.14 -0.83 0.00	19.60 -0.80 0.00	17.48 -0.69 0.00	19.75 -0.81 0.00	23.29 -0.99 0.00	25.75 -1.08 0.00	39.27 -1.60 0.00	57.59 -2.36 0.00	60.84 -2.57 0.00	36.73 -1.54 0.00	27.00 -1.16 0.00	22.84 -0.98 0.00	22.23 -0.91 0.00	20.66 -0.75 0.00

SITHE___BATAVIA 24024	16.13 -1.07 0.00	11.84 -0.85 0.00	11.59 -0.90 0.00	10.25 -0.80 0.00	9.24 -0.62 0.00	15.15 -0.96 0.00	18.76 -1.10 0.00	22.85 -1.37 0.00	22.43 -1.48 0.00	18.00 -1.23 0.00	19.97 -1.00 0.00	19.51 -0.88 0.00	17.33 -0.84 0.00	19.58 -0.98 0.00	22.99 -1.30 0.00	25.45 -1.37 0.00	39.17 -1.70 0.00	57.51 -2.44 0.00	60.39 -3.02 0.00	36.57 -1.70 0.00	26.73 -1.43 0.00	22.62 -1.19 0.00	22.18 -0.95 0.00	20.39 -1.02 0.00
SITHE___INDEPEND 23800	16.64 -0.57 0.00	12.26 -0.43 0.00	12.05 -0.44 0.00	10.67 -0.38 0.00	9.52 -0.34 0.00	15.53 -0.58 0.00	19.11 -0.74 0.00	23.22 -0.99 0.00	22.93 -0.97 0.00	18.46 -0.77 0.00	20.14 -0.83 0.00	19.60 -0.80 0.00	17.48 -0.69 0.00	19.75 -0.81 0.00	23.29 -0.99 0.00	25.75 -1.08 0.00	39.27 -1.60 0.00	57.59 -2.36 0.00	60.84 -2.57 0.00	36.73 -1.54 0.00	27.00 -1.16 0.00	22.84 -0.97 0.00	22.23 -0.91 0.00	20.65 -0.75 0.00
SITHE___MASSENA 23902	17.21 0.00 0.00	11.89 -0.03 0.77	10.48 -0.02 1.98	9.17 -0.03 1.85	8.50 0.00 1.36	16.11 0.01 0.00	18.91 0.05 0.99	21.62 0.01 2.60	23.12 -0.02 0.76	19.21 -0.02 0.00	21.01 0.04 0.00	20.44 0.04 0.00	18.17 0.01 0.00	20.56 0.00 0.00	24.28 0.00 0.00	26.92 0.09 0.00	41.09 0.22 0.00	60.34 0.38 0.00	63.72 0.32 0.00	37.12 0.15 1.30	25.41 0.06 2.82	21.28 0.03 2.57	20.66 0.05 2.52	19.59 0.02 1.84
SITHE___OGDNSBRG 24021	18.04 0.83 0.00	21.24 0.48 -8.06	33.75 0.48 -20.79	30.94 0.45 -19.44	24.63 0.48 -14.28	17.01 0.91 0.00	31.87 1.57 -10.43	53.74 2.07 -27.45	33.86 1.82 -8.14	19.88 0.65 0.00	21.56 0.59 0.00	20.81 0.41 0.00	18.24 0.07 -0.01	20.74 0.18 0.00	24.79 0.51 0.00	28.01 1.18 0.00	44.34 3.47 0.00	66.83 6.88 0.00	70.21 6.81 0.00	55.20 3.28 -13.66	59.66 1.95 -29.55	52.20 1.39 -26.99	50.70 1.10 -26.46	41.59 0.90 -19.28
SITHE___STERLING 23777	17.47 0.26 0.00	13.32 0.16 -0.46	13.83 0.15 -1.19	12.32 0.16 -1.11	10.84 0.16 -0.81	16.42 0.32 0.00	20.93 0.46 -0.61	26.79 0.79 -1.79	25.26 0.81 -0.55	19.80 0.57 0.00	21.45 0.47 0.00	20.76 0.36 0.00	18.42 0.25 0.00	20.86 0.30 0.00	24.65 0.37 0.00	27.26 0.43 0.00	41.84 0.97 0.00	61.60 1.65 0.00	64.96 1.56 0.00	39.88 0.83 -0.78	30.35 0.51 -1.69	25.75 0.39 -1.54	25.00 0.35 -1.51	22.79 0.28 -1.10
SLEIGHT__34_KV_TB1 80719	16.47 -0.74 0.00	12.09 -0.60 0.00	11.86 -0.63 0.00	10.51 -0.55 0.00	9.42 -0.44 0.00	15.42 -0.69 0.00	19.06 -0.80 0.00	23.30 -0.92 0.00	22.96 -0.94 0.00	18.35 -0.88 0.00	20.16 -0.81 0.00	19.62 -0.78 0.00	17.48 -0.69 0.00	19.77 -0.79 0.00	23.41 -0.88 0.00	25.84 -0.98 0.00	39.56 -1.31 0.00	58.03 -1.93 0.00	61.12 -2.29 0.00	36.90 -1.37 0.00	27.02 -1.14 0.00	22.84 -0.98 0.00	22.27 -0.87 0.00	20.57 -0.84 0.00
SOUTH CAIRO___GT 23612	18.29 1.09 0.00	13.49 0.80 0.00	13.30 0.81 0.00	11.76 0.71 0.00	10.49 0.63 0.00	17.15 1.04 0.00	21.19 1.33 0.00	25.95 1.73 0.00	25.61 1.70 0.00	20.48 1.25 0.00	21.99 1.02 0.00	21.18 0.78 0.00	18.83 0.66 0.00	21.32 0.76 0.00	25.33 1.04 0.00	28.31 1.48 0.00	43.42 2.55 0.00	63.99 4.04 0.00	67.67 4.26 0.00	40.83 2.56 0.00	30.03 1.87 0.00	25.32 1.51 0.00	24.50 1.36 0.00	22.59 1.18 0.00
SOUTH HAMPTN___IC 23720	19.80 1.80 -0.79	15.08 1.41 -0.98	13.81 1.32 0.00	12.11 1.05 0.00	10.64 0.78 0.00	17.20 1.10 0.00	21.06 1.20 0.00	25.81 1.60 0.00	25.48 1.57 0.00	20.45 1.22 0.00	22.50 1.34 -0.19	22.78 1.50 -0.89	24.04 1.36 -4.50	24.76 1.74 -2.46	29.46 1.90 -3.28	38.24 1.80 -9.61	43.35 2.48 0.00	62.60 2.65 0.00	66.66 3.25 0.00	40.37 2.10 0.00	30.01 1.85 0.00	25.62 1.77 -0.04	24.67 1.53 0.00	22.81 1.40 0.00
SOUTHDOW_115KV_TB1 355954	16.35 -0.86 0.00	12.01 -0.68 0.00	11.68 -0.80 0.00	10.39 -0.66 0.00	9.33 -0.53 0.00	15.31 -0.79 0.00	18.92 -0.93 0.00	23.14 -1.08 0.00	22.94 -0.96 0.00	26.78 -0.87 -8.42	39.87 -0.62 -19.52	37.17 -0.58 -17.35	46.84 -0.48 -29.15	60.28 -0.54 -40.26	27.44 -0.76 -3.91	25.79 -1.04 0.00	39.60 -1.27 0.00	58.35 -1.60 0.00	61.79 -1.61 0.00	36.89 -1.38 0.00	26.83 -1.33 0.00	22.72 -1.09 0.00	22.22 -0.92 0.00	20.41 -0.99 0.00
SOUTHOLD_69_KV_BK 2 55809	19.91 1.91 -0.79	15.17 1.50 -0.98	13.90 1.41 0.00	12.16 1.11 0.00	10.66 0.80 0.00	17.08 0.98 0.00	20.86 1.00 0.00	25.64 1.43 0.00	25.30 1.39 0.00	20.30 1.07 0.00	22.28 1.12 -0.19	22.53 1.24 -0.89	23.79 1.12 -4.50	24.51 1.49 -2.46	29.17 1.61 -3.28	37.95 1.51 -9.61	42.95 2.08 0.00	62.13 2.18 0.00	66.13 2.72 0.00	40.01 1.74 0.00	29.71 1.55 0.00	25.35 1.50 -0.04	24.39 1.25 0.00	22.54 1.13 0.00
SOUTHOLD___IC 23719	19.91 1.91 -0.79	15.17 1.50 -0.98	13.90 1.41 0.00	12.16 1.11 0.00	10.66 0.80 0.00	17.08 0.98 0.00	20.86 1.00 0.00	25.64 1.43 0.00	25.30 1.40 0.00	20.30 1.07 0.00	22.28 1.12 -0.19	22.54 1.24 -0.89	23.79 1.11 -4.50	24.49 1.47 -2.46	29.17 1.60 -3.28	37.94 1.51 -9.61	42.95 2.08 0.00	62.13 2.18 0.00	66.11 2.70 0.00	40.02 1.75 0.00	29.71 1.56 0.00	25.35 1.50 -0.04	24.39 1.26 0.00	22.54 1.13 0.00
SOUTH_FORK_WT_PWR 323839	19.84 1.84 -0.79	15.14 1.48 -0.98	13.87 1.38 0.00	12.12 1.07 0.00	10.59 0.73 0.00	16.86 0.76 0.00	20.54 0.68 0.00	25.32 1.10 0.00	24.96 1.06 0.00	20.03 0.81 0.00	21.97 0.81 -0.19	22.20 0.91 -0.89	23.48 0.80 -4.50	24.15 1.12 -2.46	28.75 1.19 -3.28	37.49 1.06 -9.61	42.26 1.39 0.00	61.11 1.16 0.00	65.05 1.64 0.00	39.38 1.11 0.00	29.25 1.09 0.00	24.95 1.10 -0.04	24.00 0.87 0.00	22.17 0.77 0.00
SPIERFLS_115KV_TB 1 80737	18.17 0.86 -0.10	13.28 0.59 0.00	13.05 0.57 0.00	11.56 0.50 0.00	10.31 0.45 0.00	16.96 0.86 0.00	20.99 1.14 0.00	25.64 1.42 0.00	25.31 1.41 0.00	20.30 1.07 0.00	22.03 1.00 -0.06	21.53 0.86 -0.27	20.21 0.68 -1.36	22.12 0.81 -0.75	26.36 1.08 -0.99	30.98 1.25 -2.91	42.91 2.04 0.00	62.74 2.78 0.00	66.44 3.04 0.00	40.13 1.86 0.00	29.47 1.32 0.00	24.94 1.12 -0.01	24.24 1.10 0.00	22.35 0.95 0.00
ST LAWRENCE____ 23600	17.04 -0.17 0.00	11.77 -0.15 0.77	10.37 -0.14 1.98	9.06 -0.13 1.85	8.40 -0.10 1.36	15.95 -0.15 0.00	18.71 -0.15 0.99	21.40 -0.22 2.60	22.88 -0.26 0.76	19.02 -0.21 0.00	20.81 -0.16 0.00	20.24 -0.16 0.00	17.99 -0.18 0.00	20.35 -0.21 0.00	24.04 -0.25 0.00	26.64 -0.18 0.00	40.67 -0.20 0.00	59.72 -0.23 0.00	63.09 -0.32 0.00	36.74 -0.23 1.30	25.13 -0.21 2.82	21.04 -0.20 2.57	20.43 -0.18 2.52	19.38 -0.19 1.84
STATE_CA_115KV_115_LB 55624	17.92 0.61 -0.10	13.17 0.48 0.00	12.97 0.49 0.00	11.48 0.43 0.00	10.23 0.37 0.00	16.70 0.60 0.00	20.58 0.72 0.00	25.16 0.94 0.00	24.87 0.96 0.00	20.01 0.78 0.00	21.79 0.76 -0.06	21.41 0.73 -0.28	20.26 0.67 -1.42	22.09 0.75 -0.78	26.26 0.94 -1.04	30.90 1.04 -3.04	42.33 1.46 0.00	62.03 2.08 0.00	65.60 2.19 0.00	39.63 1.36 0.00	29.23 1.07 0.00	24.72 0.90 -0.01	23.96 0.82 0.00	22.11 0.71 0.00

STATE_ST_34_KV_LOAD 55959	17.06 -0.15 0.00	12.50 -0.18 0.00	12.28 -0.21 0.00	10.88 -0.16 0.00	9.72 -0.14 0.00	15.89 -0.22 0.00	19.60 -0.25 0.00	24.16 -0.05 0.00	23.84 -0.07 0.00	18.83 -0.40 0.00	20.54 -0.44 0.00	19.97 -0.43 0.00	17.79 -0.37 0.00	20.13 -0.43 0.00	24.03 -0.25 0.00	26.37 -0.45 0.00	40.40 -0.46 0.00	59.36 -0.59 0.00	62.72 -0.68 0.00	37.82 -0.45 0.00	27.75 -0.41 0.00	23.45 -0.37 0.00	22.80 -0.33 0.00	21.10 -0.30 0.00
STATION 5_MISC_HYD 23604	16.27 -0.94 0.00	11.95 -0.74 0.00	11.72 -0.77 0.00	10.37 -0.69 0.00	9.31 -0.55 0.00	15.24 -0.87 0.00	18.82 -1.04 0.00	22.93 -1.29 0.00	22.58 -1.32 0.00	18.16 -1.07 0.00	20.06 -0.91 0.00	19.54 -0.86 0.00	17.40 -0.77 0.00	19.69 -0.87 0.00	23.18 -1.10 0.00	25.62 -1.21 0.00	39.18 -1.69 0.00	57.45 -2.50 0.00	60.45 -2.96 0.00	36.56 -1.72 0.00	26.76 -1.40 0.00	22.65 -1.17 0.00	22.14 -1.00 0.00	20.43 -0.97 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.58 -0.62 0.00	12.19 -0.51 0.00	11.95 -0.54 0.00	10.58 -0.47 0.00	9.49 -0.37 0.00	15.53 -0.57 0.00	19.20 -0.65 0.00	23.49 -0.72 0.00	23.14 -0.77 0.00	18.48 -0.75 0.00	20.32 -0.65 0.00	19.79 -0.61 0.00	17.59 -0.57 0.00	19.92 -0.64 0.00	23.60 -0.69 0.00	26.05 -0.78 0.00	39.87 -1.00 0.00	58.52 -1.43 0.00	61.66 -1.75 0.00	37.24 -1.03 0.00	27.27 -0.89 0.00	23.04 -0.78 0.00	22.46 -0.67 0.00	20.74 -0.66 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	16.22 -0.98 0.00	11.93 -0.76 0.00	11.69 -0.80 0.00	10.34 -0.71 0.00	9.29 -0.57 0.00	15.19 -0.91 0.00	18.78 -1.08 0.00	22.88 -1.33 0.00	22.54 -1.36 0.00	18.12 -1.11 0.00	20.00 -0.97 0.00	19.47 -0.93 0.00	17.35 -0.82 0.00	19.62 -0.94 0.00	23.13 -1.16 0.00	25.56 -1.27 0.00	39.08 -1.79 0.00	57.34 -2.61 0.00	60.33 -3.07 0.00	36.48 -1.79 0.00	26.70 -1.45 0.00	22.60 -1.22 0.00	22.08 -1.06 0.00	20.38 -1.03 0.00
STA_56__34_KV_BUS2 355983	16.22 -0.98 0.00	11.93 -0.76 0.00	11.69 -0.80 0.00	10.34 -0.71 0.00	9.29 -0.57 0.00	15.19 -0.91 0.00	18.78 -1.08 0.00	22.88 -1.33 0.00	22.54 -1.36 0.00	18.12 -1.11 0.00	20.00 -0.97 0.00	19.47 -0.93 0.00	17.35 -0.82 0.00	19.62 -0.94 0.00	23.13 -1.16 0.00	25.56 -1.27 0.00	39.08 -1.79 0.00	57.34 -2.61 0.00	60.33 -3.07 0.00	36.48 -1.79 0.00	26.70 -1.45 0.00	22.60 -1.22 0.00	22.08 -1.06 0.00	20.38 -1.03 0.00
STA_67__115KV_BK2 355882	16.24 -0.97 0.00	11.94 -0.76 0.00	11.69 -0.79 0.00	10.35 -0.71 0.00	9.29 -0.57 0.00	15.20 -0.90 0.00	18.78 -1.07 0.00	22.88 -1.34 0.00	22.54 -1.37 0.00	18.12 -1.11 0.00	20.01 -0.96 0.00	19.48 -0.91 0.00	17.36 -0.81 0.00	19.63 -0.93 0.00	23.13 -1.16 0.00	25.54 -1.29 0.00	39.07 -1.80 0.00	57.31 -2.64 0.00	60.30 -3.10 0.00	36.47 -1.80 0.00	26.70 -1.45 0.00	22.60 -1.22 0.00	22.10 -1.04 0.00	20.39 -1.02 0.00
STA_7__115KV_9TRANS 80674	16.33 -0.88 0.00	12.00 -0.69 0.00	11.76 -0.73 0.00	10.41 -0.65 0.00	9.35 -0.51 0.00	15.29 -0.81 0.00	18.91 -0.95 0.00	23.09 -1.12 0.00	22.76 -1.15 0.00	18.29 -0.94 0.00	20.20 -0.77 0.00	19.65 -0.74 0.00	17.50 -0.66 0.00	19.81 -0.75 0.00	23.36 -0.93 0.00	25.82 -1.01 0.00	39.52 -1.35 0.00	57.98 -1.97 0.00	61.00 -2.40 0.00	36.89 -1.38 0.00	26.99 -1.17 0.00	22.83 -0.98 0.00	22.31 -0.83 0.00	20.58 -0.83 0.00
STA_82__115KV_TB1 80780	16.24 -0.97 0.00	11.94 -0.75 0.00	11.70 -0.79 0.00	10.35 -0.70 0.00	9.29 -0.57 0.00	15.21 -0.90 0.00	18.79 -1.07 0.00	22.89 -1.33 0.00	22.55 -1.36 0.00	18.12 -1.11 0.00	20.01 -0.96 0.00	19.48 -0.91 0.00	17.36 -0.81 0.00	19.63 -0.93 0.00	23.13 -1.16 0.00	25.55 -1.28 0.00	39.09 -1.78 0.00	57.33 -2.62 0.00	60.31 -3.09 0.00	36.48 -1.79 0.00	26.71 -1.45 0.00	22.61 -1.21 0.00	22.10 -1.04 0.00	20.40 -1.01 0.00
STEEL__WIND 323596	15.89 -1.32 0.00	11.65 -1.05 0.00	11.38 -1.11 0.00	10.08 -0.97 0.00	9.09 -0.77 0.00	14.87 -1.24 0.00	18.35 -1.51 0.00	22.32 -1.90 0.00	22.03 -1.88 0.00	17.71 -1.52 0.00	19.72 -1.25 0.00	19.18 -1.22 0.00	17.09 -1.07 0.00	19.33 -1.23 0.00	22.70 -1.59 0.00	24.98 -1.85 0.00	38.31 -2.55 0.00	56.13 -3.82 0.00	59.06 -4.34 0.00	35.77 -2.50 0.00	26.09 -2.06 0.00	22.11 -1.70 0.00	21.71 -1.43 0.00	19.96 -1.45 0.00
STEPHTWN_115KV_BK_2 55603	17.99 0.68 -0.10	13.21 0.52 0.00	13.02 0.54 0.00	11.51 0.46 0.00	10.26 0.40 0.00	16.82 0.72 0.00	20.67 0.81 0.00	25.37 1.15 0.00	24.99 1.09 0.00	20.08 0.85 0.00	21.89 0.86 -0.06	21.43 0.75 -0.28	20.31 0.72 -1.43	22.18 0.84 -0.78	26.41 1.08 -1.04	31.03 1.16 -3.05	42.56 1.69 0.00	62.30 2.34 0.00	65.83 2.42 0.00	39.96 1.69 0.00	29.35 1.19 0.00	24.84 1.01 -0.01	24.08 0.94 0.00	22.22 0.82 0.00
STEUBEN_REC_LFGE 323667	15.76 -1.45 0.00	11.54 -1.15 0.00	11.28 -1.20 0.00	10.09 -0.96 0.00	8.99 -0.87 0.00	14.70 -1.40 0.00	18.14 -1.72 0.00	22.09 -2.12 0.00	21.80 -2.10 0.00	17.37 -1.86 0.00	19.17 -1.80 0.00	18.60 -1.80 0.00	16.49 -1.67 0.00	18.86 -1.71 0.00	22.29 -2.00 0.00	24.50 -2.33 0.00	38.18 -2.69 0.00	56.17 -3.78 0.00	58.80 -4.60 0.00	35.28 -2.99 0.00	25.64 -2.52 0.00	21.52 -2.30 0.00	21.07 -2.07 0.00	19.34 -2.07 0.00
STILLWATER__SOLAR 323814	18.23 0.93 -0.10	13.36 0.67 0.00	13.14 0.66 0.00	11.63 0.58 0.00	10.37 0.51 0.00	17.01 0.90 0.00	21.01 1.15 0.00	25.66 1.44 0.00	25.32 1.42 0.00	20.32 1.09 0.00	22.09 1.06 -0.06	21.60 0.93 -0.27	20.35 0.80 -1.39	22.27 0.95 -0.76	26.53 1.23 -1.01	31.20 1.41 -2.96	43.07 2.20 0.00	63.08 3.13 0.00	66.77 3.36 0.00	40.33 2.06 0.00	29.69 1.53 0.00	25.11 1.29 -0.01	24.35 1.22 0.00	22.48 1.07 0.00
STONY__BROOK 24151	19.66 1.66 -0.79	14.96 1.29 -0.98	13.69 1.20 0.00	12.01 0.96 0.00	10.58 0.72 0.00	17.22 1.12 0.00	21.12 1.26 0.00	25.87 1.66 0.00	25.57 1.67 0.00	20.54 1.31 0.00	22.68 1.52 -0.19	23.00 1.71 -0.89	24.25 1.57 -4.50	24.96 1.94 -2.46	29.67 2.11 -3.28	38.40 1.96 -9.61	43.52 2.65 0.00	63.27 3.31 0.00	67.12 3.71 0.00	40.66 2.39 0.00	30.25 2.09 0.00	25.84 1.99 -0.04	24.90 1.76 0.00	23.03 1.62 0.00
STURGEON_POOL_HYD 23609	17.87 0.77 0.11	13.30 0.61 0.00	13.07 0.59 0.00	11.57 0.52 0.00	10.29 0.43 0.00	16.84 0.74 0.00	20.78 0.92 0.00	25.47 1.26 0.00	25.20 1.29 0.00	20.27 1.05 0.00	22.06 1.15 0.06	21.24 1.14 0.30	17.67 1.02 1.51	20.94 1.21 0.83	24.65 1.46 1.10	25.03 1.43 3.23	42.82 1.95 0.00	62.84 2.89 0.00	66.57 3.16 0.00	40.18 1.91 0.00	29.67 1.51 0.00	25.10 1.29 0.01	24.30 1.16 0.00	22.41 1.00 0.00
ST_LAW_115_BK7_LBMP 345037	17.04 -0.17 0.00	11.77 -0.15 0.77	10.37 -0.14 1.98	9.07 -0.13 1.85	8.40 -0.09 1.36	15.95 -0.15 0.00	18.72 -0.15 0.99	21.40 -0.21 2.60	22.89 -0.25 0.76	19.02 -0.21 0.00	20.81 -0.16 0.00	20.24 -0.16 0.00	17.99 -0.17 0.00	20.35 -0.21 0.00	24.04 -0.25 0.00	26.65 -0.18 0.00	40.67 -0.20 0.00	59.73 -0.22 0.00	63.09 -0.32 0.00	36.75 -0.22 1.30	25.13 -0.21 2.82	21.05 -0.20 2.57	20.43 -0.18 2.52	19.38 -0.18 1.84

ST_LAW_115_BK8_LBMP 345038	17.04 -0.17 0.00	11.77 -0.15 0.77	10.37 -0.14 1.98	9.07 -0.13 1.85	8.40 -0.09 1.36	15.95 -0.15 0.00	18.72 -0.15 0.99	21.40 -0.21 2.60	22.89 -0.25 0.76	19.02 -0.21 0.00	20.81 -0.16 0.00	20.24 -0.16 0.00	17.99 -0.17 0.00	20.35 -0.21 0.00	24.04 -0.25 0.00	26.65 -0.18 0.00	40.67 -0.20 0.00	59.73 -0.22 0.00	63.09 -0.32 0.00	36.75 -0.22 1.30	25.13 -0.21 2.82	21.05 -0.20 2.57	20.43 -0.18 2.52	19.38 -0.18 1.84
ST_LAW_230_BK5_LBMP 345035	17.04 -0.17 0.00	11.77 -0.15 0.77	10.37 -0.14 1.98	9.06 -0.13 1.85	8.40 -0.10 1.36	15.95 -0.15 0.00	18.71 -0.15 0.99	21.40 -0.22 2.60	22.88 -0.26 0.76	19.02 -0.21 0.00	20.81 -0.16 0.00	20.24 -0.16 0.00	17.99 -0.18 0.00	20.35 -0.21 0.00	24.04 -0.25 0.00	26.64 -0.18 0.00	40.67 -0.20 0.00	59.72 -0.23 0.00	63.09 -0.32 0.00	36.74 -0.23 1.30	25.13 -0.21 2.82	21.04 -0.20 2.57	20.43 -0.18 2.52	19.38 -0.19 1.84
ST_LAW_230_BK6_LBMP 345036	17.04 -0.17 0.00	11.77 -0.15 0.77	10.37 -0.14 1.98	9.06 -0.13 1.85	8.40 -0.10 1.36	15.95 -0.15 0.00	18.71 -0.15 0.99	21.40 -0.22 2.60	22.88 -0.26 0.76	19.02 -0.21 0.00	20.81 -0.16 0.00	20.24 -0.16 0.00	17.99 -0.18 0.00	20.35 -0.21 0.00	24.04 -0.25 0.00	26.64 -0.18 0.00	40.67 -0.20 0.00	59.72 -0.23 0.00	63.09 -0.32 0.00	36.74 -0.23 1.30	25.13 -0.21 2.82	21.04 -0.20 2.57	20.43 -0.18 2.52	19.38 -0.19 1.84
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.11 0.87 0.97	13.37 0.69 0.00	13.13 0.64 0.00	11.63 0.58 0.00	10.35 0.49 0.00	16.96 0.85 0.00	20.95 1.09 0.00	25.69 1.48 0.00	25.42 1.51 0.00	20.44 1.21 0.00	21.70 1.30 0.57	18.99 1.30 2.70	5.62 1.16 13.69	14.46 1.39 7.49	15.97 1.65 9.97	-0.78 1.61 29.22	43.16 2.29 0.00	63.43 3.48 0.00	67.30 3.89 0.00	40.56 2.29 0.00	29.89 1.73 0.00	25.19 1.48 0.11	24.48 1.34 0.00	22.58 1.17 0.00
SWANROAD_115KV_TB1 355699	15.25 -1.96 0.00	11.21 -1.47 0.00	10.96 -1.53 0.00	9.70 -1.35 0.00	8.76 -1.10 0.00	14.32 -1.78 0.00	17.67 -2.19 0.00	21.44 -2.78 0.00	21.11 -2.79 0.00	17.01 -2.22 0.00	19.01 -1.96 0.00	18.48 -1.91 0.00	16.50 -1.66 0.00	18.61 -1.95 0.00	21.82 -2.46 0.00	24.05 -2.78 0.00	36.72 -4.15 0.00	53.71 -6.24 0.00	56.28 -7.13 0.00	34.25 -4.02 0.00	25.11 -3.05 0.00	21.32 -2.50 0.00	21.02 -2.11 0.00	19.31 -2.09 0.00
SYNERGY___BIOGAS 323694	16.13 -1.07 0.00	11.84 -0.85 0.00	11.59 -0.90 0.00	10.25 -0.80 0.00	9.24 -0.62 0.00	15.15 -0.96 0.00	18.76 -1.10 0.00	22.85 -1.37 0.00	22.43 -1.48 0.00	18.00 -1.23 0.00	19.97 -1.00 0.00	19.51 -0.88 0.00	17.33 -0.84 0.00	19.58 -0.98 0.00	22.99 -1.30 0.00	25.45 -1.37 0.00	39.17 -1.70 0.00	57.51 -2.44 0.00	60.39 -3.02 0.00	36.57 -1.70 0.00	26.73 -1.43 0.00	22.62 -1.19 0.00	22.18 -0.95 0.00	20.39 -1.02 0.00
SYRACUSE___ENERGY_ST1 323597	16.99 -0.22 0.00	12.50 -0.19 0.00	12.28 -0.20 0.00	10.88 -0.17 0.00	9.71 -0.15 0.00	15.87 -0.24 0.00	19.56 -0.30 0.00	24.07 -0.14 0.00	23.80 -0.11 0.00	18.84 -0.39 0.00	20.54 -0.43 0.00	19.99 -0.41 0.00	17.82 -0.34 0.00	20.16 -0.40 0.00	24.06 -0.23 0.00	26.39 -0.43 0.00	40.33 -0.54 0.00	59.18 -0.77 0.00	62.51 -0.89 0.00	37.71 -0.56 0.00	27.69 -0.47 0.00	23.41 -0.40 0.00	22.76 -0.37 0.00	21.10 -0.31 0.00
SYRACUSE___ENERGY_ST2 323598	16.99 -0.22 0.00	12.50 -0.19 0.00	12.28 -0.20 0.00	10.88 -0.17 0.00	9.71 -0.15 0.00	15.87 -0.24 0.00	19.56 -0.30 0.00	24.07 -0.14 0.00	23.80 -0.11 0.00	18.84 -0.39 0.00	20.54 -0.43 0.00	19.99 -0.41 0.00	17.82 -0.34 0.00	20.16 -0.40 0.00	24.06 -0.23 0.00	26.39 -0.43 0.00	40.33 -0.54 0.00	59.18 -0.77 0.00	62.51 -0.89 0.00	37.71 -0.56 0.00	27.69 -0.47 0.00	23.41 -0.40 0.00	22.76 -0.37 0.00	21.10 -0.31 0.00
SYRACUSE___POWER 24017	16.98 -0.23 0.00	12.50 -0.19 0.00	12.28 -0.21 0.00	10.88 -0.17 0.00	9.71 -0.15 0.00	15.87 -0.24 0.00	19.56 -0.30 0.00	23.93 -0.28 0.00	23.65 -0.25 0.00	18.91 -0.32 0.00	20.63 -0.34 0.00	20.07 -0.33 0.00	17.89 -0.28 0.00	20.24 -0.32 0.00	23.98 -0.31 0.00	26.41 -0.42 0.00	40.36 -0.51 0.00	59.22 -0.73 0.00	62.56 -0.84 0.00	37.74 -0.53 0.00	27.71 -0.45 0.00	23.42 -0.39 0.00	22.78 -0.36 0.00	21.11 -0.30 0.00
TALLMAN___138KV_BK151 55660	16.86 0.92 1.26	13.42 0.73 0.00	13.17 0.68 0.00	11.66 0.61 0.00	10.37 0.51 0.00	17.01 0.90 0.00	21.01 1.15 0.00	25.77 1.56 0.00	25.51 1.60 0.00	20.53 1.30 0.00	21.63 1.41 0.75	18.28 1.42 3.53	1.56 1.26 17.87	12.30 1.51 9.77	13.07 1.78 13.00	-9.57 1.71 38.11	43.29 2.42 0.00	63.60 3.65 0.00	67.49 4.09 0.00	40.68 2.41 0.00	29.98 1.82 0.00	25.24 1.57 0.14	24.56 1.42 0.00	22.64 1.24 0.00
TEALLAVE_115KV_TB7 355573	16.89 -0.32 0.00	12.44 -0.25 0.00	12.22 -0.26 0.00	10.83 -0.22 0.00	9.66 -0.19 0.00	15.79 -0.32 0.00	19.46 -0.40 0.00	23.75 -0.46 0.00	23.48 -0.42 0.00	18.81 -0.42 0.00	20.53 -0.44 0.00	19.97 -0.43 0.00	17.81 -0.36 0.00	20.15 -0.41 0.00	23.84 -0.45 0.00	26.28 -0.54 0.00	40.15 -0.72 0.00	58.88 -1.07 0.00	62.18 -1.22 0.00	37.52 -0.75 0.00	27.56 -0.61 0.00	23.29 -0.52 0.00	22.66 -0.48 0.00	21.00 -0.41 0.00
TELGRAPH_34_KV_EAST 80808	15.73 -1.48 0.00	11.55 -1.14 0.00	11.29 -1.19 0.00	9.99 -1.06 0.00	9.02 -0.84 0.00	14.76 -1.35 0.00	18.25 -1.61 0.00	22.20 -2.02 0.00	21.85 -2.06 0.00	17.56 -1.67 0.00	19.57 -1.40 0.00	19.04 -1.36 0.00	17.01 -1.16 0.00	19.19 -1.37 0.00	22.51 -1.78 0.00	24.83 -1.99 0.00	38.03 -2.84 0.00	55.74 -4.21 0.00	58.47 -4.94 0.00	35.49 -2.79 0.00	25.96 -2.20 0.00	22.02 -1.79 0.00	21.65 -1.49 0.00	19.89 -1.52 0.00
TEMPLE___115KV_TB 2 55572	16.90 -0.31 0.00	12.44 -0.25 0.00	12.22 -0.26 0.00	10.83 -0.22 0.00	9.67 -0.19 0.00	15.79 -0.31 0.00	19.46 -0.39 0.00	23.76 -0.45 0.00	23.49 -0.42 0.00	18.82 -0.41 0.00	20.55 -0.43 0.00	19.99 -0.40 0.00	17.82 -0.34 0.00	20.17 -0.39 0.00	23.86 -0.42 0.00	26.31 -0.52 0.00	40.17 -0.70 0.00	58.91 -1.04 0.00	62.22 -1.19 0.00	37.55 -0.73 0.00	27.57 -0.59 0.00	23.30 -0.51 0.00	22.67 -0.47 0.00	21.01 -0.39 0.00
TIANA____69_KV_BK 1 55817	19.79 1.79 -0.79	15.06 1.39 -0.98	13.79 1.30 0.00	12.09 1.04 0.00	10.63 0.77 0.00	17.23 1.13 0.00	21.11 1.25 0.00	25.86 1.64 0.00	25.53 1.62 0.00	20.49 1.26 0.00	22.55 1.39 -0.19	22.84 1.55 -0.89	24.09 1.42 -4.50	24.83 1.80 -2.46	29.53 1.96 -3.28	38.31 1.87 -9.61	43.46 2.59 0.00	62.77 2.81 0.00	66.84 3.43 0.00	40.47 2.20 0.00	30.08 1.92 0.00	25.69 1.84 -0.04	24.74 1.60 0.00	22.87 1.46 0.00
TILDEN___115KV_TB1 80814	16.98 -0.23 0.00	12.50 -0.19 0.00	12.28 -0.21 0.00	10.88 -0.17 0.00	9.71 -0.15 0.00	15.87 -0.24 0.00	19.56 -0.30 0.00	23.93 -0.28 0.00	23.65 -0.25 0.00	18.91 -0.32 0.00	20.63 -0.34 0.00	20.07 -0.33 0.00	17.89 -0.28 0.00	20.24 -0.32 0.00	23.98 -0.31 0.00	26.41 -0.42 0.00	40.36 -0.51 0.00	59.22 -0.73 0.00	62.56 -0.84 0.00	37.74 -0.53 0.00	27.71 -0.45 0.00	23.42 -0.39 0.00	22.78 -0.36 0.00	21.11 -0.30 0.00

TRIGEN___CC 323695	19.33 1.33 -0.79	14.71 1.04 -0.98	13.46 0.97 0.00	11.86 0.81 0.00	10.48 0.62 0.00	17.11 1.01 0.00	21.03 1.17 0.00	25.79 1.58 0.00	25.51 1.61 0.00	20.54 1.31 0.00	22.70 1.54 -0.19	22.97 1.69 -0.89	24.22 1.55 -4.50	24.89 1.87 -2.46	29.62 2.05 -3.28	38.32 1.88 -9.61	43.40 2.54 0.00	63.41 3.46 0.00	67.16 3.75 0.00	40.62 2.35 0.00	30.15 1.99 0.00	25.70 1.84 -0.04	24.76 1.63 0.00	22.87 1.46 0.00
TRINITY___115KV___4 BK 55933	17.86 0.55 -0.10	13.13 0.44 0.00	12.94 0.45 0.00	11.45 0.40 0.00	10.20 0.34 0.00	16.65 0.55 0.00	20.50 0.65 0.00	25.07 0.85 0.00	24.78 0.87 0.00	19.93 0.70 0.00	21.72 0.69 -0.06	21.34 0.65 -0.28	20.21 0.60 -1.44	22.03 0.68 -0.79	26.18 0.85 -1.05	30.81 0.91 -3.07	42.13 1.26 0.00	61.71 1.76 0.00	65.29 1.89 0.00	39.47 1.20 0.00	29.11 0.95 0.00	24.63 0.80 -0.01	23.87 0.74 0.00	22.04 0.64 0.00
UNION___PROCESSING_DRP 323587	16.24 -0.97 0.00	11.94 -0.75 0.00	11.70 -0.79 0.00	10.35 -0.70 0.00	9.30 -0.56 0.00	15.21 -0.89 0.00	18.79 -1.06 0.00	22.90 -1.31 0.00	22.55 -1.36 0.00	18.13 -1.10 0.00	20.02 -0.95 0.00	19.48 -0.91 0.00	17.36 -0.81 0.00	19.63 -0.93 0.00	23.13 -1.16 0.00	25.55 -1.28 0.00	39.11 -1.76 0.00	57.37 -2.59 0.00	60.34 -3.07 0.00	36.49 -1.78 0.00	26.71 -1.45 0.00	22.61 -1.20 0.00	22.11 -1.03 0.00	20.40 -1.00 0.00
UPPER HUDSON___HYD 24058	18.17 0.86 -0.10	13.28 0.59 0.00	13.05 0.57 0.00	11.56 0.50 0.00	10.31 0.45 0.00	16.96 0.86 0.00	20.99 1.14 0.00	25.64 1.42 0.00	25.31 1.41 0.00	20.30 1.07 0.00	22.03 1.00 -0.06	21.53 0.86 -0.27	20.21 0.68 -1.36	22.12 0.81 -0.75	26.36 1.08 -0.99	30.99 1.25 -2.91	42.90 2.04 0.00	62.74 2.79 0.00	66.44 3.04 0.00	40.13 1.86 0.00	29.47 1.32 0.00	24.94 1.12 -0.01	24.24 1.10 0.00	22.35 0.95 0.00
UPPER RAQUET___HYD 24056	17.44 0.23 0.00	20.82 0.06 -8.06	33.33 0.06 -20.79	30.56 0.06 -19.44	24.27 0.13 -14.28	16.38 0.27 0.00	31.00 0.70 -10.43	52.67 1.01 -27.45	32.93 0.88 -8.14	19.46 0.23 0.00	21.11 0.14 0.00	20.35 -0.05 0.00	17.97 -0.21 -0.01	20.33 -0.23 0.00	24.29 0.00 0.00	27.30 0.47 0.00	42.82 1.96 0.00	63.99 4.04 0.00	67.21 3.80 0.00	53.44 1.51 -13.66	58.42 0.71 -29.55	51.21 0.41 -26.99	49.82 0.22 -26.46	40.83 0.14 -19.28
VALLEY44_115KV_TB2 355964	16.69 -0.52 0.00	12.22 -0.47 0.00	11.95 -0.53 0.00	10.59 -0.46 0.00	9.49 -0.37 0.00	15.52 -0.58 0.00	19.05 -0.81 0.00	23.30 -0.92 0.00	23.16 -0.75 0.00	20.68 -0.61 -2.06	25.33 -0.41 -4.76	24.38 -0.26 -4.24	25.09 -0.20 -7.12	30.16 -0.24 -9.83	24.74 -0.50 -0.95	25.87 -0.95 0.00	39.63 -1.24 0.00	58.19 -1.77 0.00	61.69 -1.71 0.00	37.13 -1.14 0.00	27.08 -1.08 0.00	23.04 -0.78 0.00	22.64 -0.50 0.00	20.85 -0.56 0.00
VALLEY___115KV_TB 1-4 80826	17.53 0.32 0.00	12.95 0.26 0.00	12.73 0.24 0.00	11.28 0.23 0.00	10.05 0.19 0.00	16.45 0.35 0.00	20.32 0.46 0.00	24.82 0.60 0.00	24.47 0.56 0.00	19.64 0.41 0.00	21.14 0.17 0.00	20.51 0.11 0.00	18.25 0.09 0.00	20.63 0.07 0.00	24.47 0.18 0.00	27.21 0.38 0.00	41.46 0.59 0.00	60.68 0.73 0.00	64.06 0.65 0.00	38.57 0.30 0.00	28.46 0.30 0.00	24.07 0.26 0.00	23.29 0.15 0.00	21.50 0.10 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.67 0.46 0.00	13.02 0.33 0.00	12.83 0.34 0.00	11.37 0.32 0.00	10.14 0.28 0.00	16.55 0.44 0.00	20.41 0.56 0.00	24.93 0.71 0.00	24.63 0.73 0.00	19.77 0.55 0.00	21.54 0.57 0.00	20.94 0.54 0.00	18.65 0.49 0.00	21.09 0.53 0.00	24.93 0.64 0.00	27.52 0.69 0.00	41.90 1.03 0.00	61.39 1.44 0.00	64.97 1.56 0.00	39.19 0.92 0.00	28.82 0.66 0.00	24.37 0.56 0.00	23.66 0.52 0.00	21.83 0.43 0.00
VISCHER___FERRY HYD 24020	18.11 0.79 -0.10	13.29 0.60 0.00	13.08 0.60 0.00	11.58 0.52 0.00	10.31 0.45 0.00	16.88 0.77 0.00	20.81 0.96 0.00	25.43 1.21 0.00	25.12 1.22 0.00	20.19 0.96 0.00	21.99 0.96 -0.06	21.57 0.88 -0.29	20.41 0.78 -1.46	22.26 0.90 -0.80	26.50 1.15 -1.06	31.19 1.25 -3.12	42.65 1.78 0.00	62.44 2.49 0.00	66.11 2.70 0.00	39.97 1.70 0.00	29.48 1.33 0.00	24.94 1.11 -0.01	24.19 1.05 0.00	22.34 0.93 0.00
V_A_10_SYNC_DSASP 323832	15.71 -1.50 0.00	11.55 -1.15 0.00	11.30 -1.18 0.00	10.00 -1.06 0.00	9.00 -0.86 0.00	14.72 -1.38 0.00	18.15 -1.71 0.00	22.08 -2.14 0.00	21.78 -2.13 0.00	17.55 -1.68 0.00	19.50 -1.47 0.00	18.99 -1.41 0.00	16.94 -1.23 0.00	19.15 -1.41 0.00	22.47 -1.82 0.00	24.72 -2.11 0.00	37.75 -3.12 0.00	55.29 -4.67 0.00	58.12 -5.29 0.00	35.22 -3.05 0.00	25.78 -2.38 0.00	21.88 -1.94 0.00	21.49 -1.65 0.00	19.81 -1.60 0.00
V_CMM_10_SYNC_DSASP 323787	17.13 -0.08 0.00	11.84 -0.08 0.77	10.43 -0.07 1.98	9.13 -0.07 1.85	8.46 -0.04 1.36	16.03 -0.07 0.00	18.82 -0.04 0.99	21.52 -0.09 2.60	23.01 -0.13 0.76	19.13 -0.10 0.00	20.92 -0.05 0.00	20.36 -0.04 0.00	18.10 -0.07 0.00	20.47 -0.09 0.00	24.18 -0.11 0.00	26.80 -0.03 0.00	40.90 0.03 0.00	60.06 0.11 0.00	63.45 0.04 0.00	36.96 -0.01 1.30	25.29 -0.06 2.82	21.18 -0.07 2.57	20.56 -0.05 2.52	19.50 -0.07 1.84
V_CMP_10_SYNC_DSASP 323788	16.82 -0.39 0.00	-0.96 -0.58 13.07	-21.65 -0.45 33.69	-20.88 -0.42 31.51	-13.66 -0.38 23.14	15.57 -0.53 0.00	2.39 -0.57 16.91	-20.74 -0.69 44.27	10.17 -0.70 13.04	18.70 -0.53 0.00	20.62 -0.35 0.00	19.81 -0.58 0.00	17.37 -0.79 0.01	19.73 -0.83 0.00	23.57 -0.72 0.00	26.38 -0.44 0.00	40.40 -0.47 0.00	59.81 -0.14 0.00	63.43 0.02 0.00	15.25 -0.88 22.14	-20.54 -0.82 47.89	-20.63 -0.70 43.74	-20.59 -0.83 42.90	-10.73 -0.87 31.27
V_D_10_SYNC_DSASP 323841	17.21 0.00 0.00	11.89 -0.03 0.77	10.48 -0.02 1.98	9.17 -0.03 1.85	8.50 0.00 1.36	16.11 0.01 0.00	18.91 0.05 0.99	21.62 0.01 2.60	23.12 -0.02 0.76	19.21 -0.02 0.00	21.01 0.04 0.00	20.44 0.04 0.00	18.17 0.01 0.00	20.56 0.00 0.00	24.28 0.00 0.00	26.92 0.09 0.00	41.09 0.22 0.00	60.34 0.38 0.00	63.72 0.32 0.00	37.12 0.15 1.30	25.41 0.06 2.82	21.28 0.03 2.57	20.66 0.05 2.52	19.59 0.02 1.84
V_E_10_SYNC_DSASP 323830	17.59 0.44 0.05	13.04 0.35 0.00	12.82 0.33 0.00	11.41 0.35 0.00	10.22 0.36 0.00	16.78 0.68 0.00	20.88 1.02 0.00	25.60 1.38 0.00	25.20 1.30 0.00	19.92 0.69 0.00	21.72 0.78 0.03	20.79 0.54 0.15	17.97 0.56 0.76	20.70 0.56 0.41	24.55 0.81 0.55	26.16 0.97 1.63	42.76 1.89 0.00	62.65 2.70 0.00	66.42 3.01 0.00	39.96 1.69 0.00	29.23 1.07 0.00	24.71 0.90 0.01	23.85 0.71 0.00	21.94 0.54 0.00
V_F_30_NSYNC___DSASP 323816	18.24 0.93 -0.10	13.37 0.68 0.00	13.15 0.67 0.00	11.64 0.59 0.00	10.38 0.52 0.00	17.02 0.91 0.00	21.02 1.17 0.00	25.67 1.46 0.00	25.34 1.43 0.00	20.34 1.11 0.00	22.11 1.08 -0.06	21.63 0.96 -0.27	20.37 0.83 -1.38	22.29 0.97 -0.75	26.55 1.26 -1.00	31.21 1.44 -2.94	43.11 2.24 0.00	63.14 3.19 0.00	66.83 3.43 0.00	40.36 2.09 0.00	29.71 1.55 0.00	25.13 1.30 -0.01	24.37 1.24 0.00	22.50 1.09 0.00

V_F_30_SYNC_DSASP 323786	17.92 0.61 -0.10	13.17 0.48 0.00	12.97 0.49 0.00	11.48 0.43 0.00	10.23 0.37 0.00	16.70 0.59 0.00	20.58 0.72 0.00	25.15 0.94 0.00	24.86 0.96 0.00	20.00 0.78 0.00	21.79 0.76 -0.06	21.41 0.73 -0.28	20.26 0.66 -1.42	22.09 0.75 -0.78	26.26 0.94 -1.04	30.91 1.04 -3.04	42.33 1.46 0.00	62.03 2.08 0.00	65.59 2.18 0.00	39.63 1.36 0.00	29.22 1.06 0.00	24.72 0.90 -0.01	23.96 0.82 0.00	22.11 0.70 0.00
V_XM_10_SYNC_DSASP 323789	16.82 -0.39 0.00	-0.96 -0.58 13.07	-21.65 -0.45 33.69	-20.88 -0.42 31.51	-13.66 -0.38 23.14	15.57 -0.53 0.00	2.39 -0.57 16.91	-20.74 -0.69 44.27	10.17 -0.70 13.04	18.70 -0.53 0.00	20.62 -0.35 0.00	19.81 -0.58 0.00	17.37 -0.79 0.01	19.73 -0.83 0.00	23.57 -0.72 0.00	26.38 -0.44 0.00	40.40 -0.47 0.00	59.81 -0.14 0.00	63.43 0.02 0.00	15.25 -0.88 22.14	-20.54 -0.82 47.89	-20.63 -0.70 43.74	-20.59 -0.83 42.90	-10.73 -0.87 31.27
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	16.61 0.97 1.57	13.46 0.77 0.00	13.21 0.72 0.00	11.70 0.64 0.00	10.40 0.54 0.00	17.06 0.95 0.00	21.08 1.22 0.00	25.86 1.64 0.00	25.59 1.69 0.00	20.59 1.36 0.00	21.52 1.48 0.93	17.50 1.49 4.39	-2.71 1.32 22.20	10.00 1.58 12.14	10.00 1.87 16.16	-18.71 1.82 47.36	43.46 2.59 0.00	63.85 3.90 0.00	67.74 4.33 0.00	40.82 2.55 0.00	30.10 1.94 0.00	25.30 1.66 0.17	24.64 1.51 0.00	22.72 1.31 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.61 1.08 -0.32	13.53 0.85 0.00	13.28 0.80 0.00	11.76 0.70 0.00	10.45 0.60 0.00	17.12 1.02 0.00	21.15 1.29 0.00	25.96 1.75 0.00	25.72 1.81 0.00	20.72 1.49 0.00	22.80 1.65 -0.19	22.95 1.66 -0.89	24.16 1.47 -4.52	24.79 1.75 -2.47	29.64 2.06 -3.29	38.47 2.00 -9.65	43.69 2.82 0.00	64.17 4.22 0.00	67.91 4.51 0.00	40.94 2.67 0.00	30.25 2.09 0.00	25.66 1.81 -0.04	24.78 1.64 0.00	22.84 1.43 0.00
W50THST__13_KV_LOAD 356117	18.72 1.19 -0.32	13.61 0.92 0.00	13.36 0.88 0.00	11.83 0.77 0.00	10.51 0.65 0.00	17.23 1.13 0.00	21.29 1.43 0.00	26.15 1.94 0.00	25.93 2.02 0.00	20.90 1.67 0.00	23.01 1.85 -0.19	23.15 1.86 -0.89	24.35 1.66 -4.52	25.01 1.97 -2.47	29.90 2.32 -3.29	38.75 2.28 -9.65	44.09 3.22 0.00	64.74 4.79 0.00	68.44 5.03 0.00	41.23 2.96 0.00	30.48 2.32 0.00	25.84 1.99 -0.04	24.95 1.81 0.00	22.98 1.58 0.00
WADING RIVER_IC_1 23522	19.74 1.74 -0.79	15.01 1.35 -0.98	13.75 1.26 0.00	12.06 1.01 0.00	10.61 0.75 0.00	17.24 1.13 0.00	21.12 1.26 0.00	25.85 1.63 0.00	25.52 1.62 0.00	20.48 1.25 0.00	22.55 1.40 -0.19	22.85 1.56 -0.89	24.10 1.43 -4.50	24.83 1.80 -2.46	29.54 1.97 -3.28	38.31 1.87 -9.61	43.46 2.59 0.00	62.53 2.58 0.00	66.70 3.29 0.00	40.40 2.13 0.00	30.05 1.89 0.00	25.67 1.82 -0.04	24.72 1.58 0.00	22.85 1.45 0.00
WADING RIVER_IC_2 23547	19.74 1.74 -0.79	15.01 1.35 -0.98	13.75 1.26 0.00	12.06 1.01 0.00	10.61 0.75 0.00	17.24 1.13 0.00	21.12 1.26 0.00	25.85 1.63 0.00	25.52 1.62 0.00	20.48 1.25 0.00	22.55 1.40 -0.19	22.85 1.56 -0.89	24.10 1.43 -4.50	24.83 1.80 -2.46	29.54 1.97 -3.28	38.31 1.87 -9.61	43.46 2.59 0.00	62.53 2.58 0.00	66.70 3.29 0.00	40.40 2.13 0.00	30.05 1.89 0.00	25.67 1.82 -0.04	24.72 1.58 0.00	22.85 1.45 0.00
WADING RIVER_IC_3 23601	19.74 1.74 -0.79	15.01 1.35 -0.98	13.75 1.26 0.00	12.06 1.01 0.00	10.61 0.75 0.00	17.24 1.13 0.00	21.12 1.26 0.00	25.85 1.63 0.00	25.52 1.62 0.00	20.48 1.25 0.00	22.55 1.40 -0.19	22.85 1.56 -0.89	24.10 1.43 -4.50	24.83 1.80 -2.46	29.54 1.97 -3.28	38.31 1.87 -9.61	43.46 2.59 0.00	62.53 2.58 0.00	66.70 3.29 0.00	40.40 2.13 0.00	30.05 1.89 0.00	25.67 1.82 -0.04	24.72 1.58 0.00	22.85 1.45 0.00
WALDENNY_12_KV_BK2 80841	15.87 -1.34 0.00	11.64 -1.05 0.00	11.37 -1.11 0.00	10.08 -0.98 0.00	9.08 -0.78 0.00	14.87 -1.24 0.00	18.36 -1.50 0.00	22.33 -1.88 0.00	22.04 -1.86 0.00	17.72 -1.51 0.00	19.76 -1.22 0.00	19.19 -1.21 0.00	17.12 -1.05 0.00	19.35 -1.21 0.00	22.74 -1.55 0.00	25.03 -1.80 0.00	38.35 -2.52 0.00	56.18 -3.77 0.00	59.05 -4.36 0.00	35.77 -2.50 0.00	26.12 -2.04 0.00	22.14 -1.68 0.00	21.75 -1.39 0.00	19.98 -1.42 0.00
WALDEN__HYDRO 24148	17.71 0.94 0.44	13.43 0.74 0.00	13.18 0.70 0.00	11.67 0.62 0.00	10.39 0.53 0.00	17.02 0.92 0.00	21.03 1.18 0.00	25.79 1.57 0.00	25.51 1.61 0.00	20.51 1.28 0.00	22.08 1.37 0.26	20.50 1.34 1.24	13.09 1.17 6.25	18.55 1.40 3.42	21.42 1.68 4.55	15.17 1.68 13.33	43.30 2.43 0.00	63.63 3.68 0.00	67.49 4.08 0.00	40.68 2.41 0.00	30.01 1.85 0.00	25.35 1.59 0.05	24.58 1.44 0.00	22.66 1.25 0.00
WARRENSBURG____ 23737	18.17 0.86 -0.10	13.28 0.59 0.00	13.05 0.57 0.00	11.56 0.50 0.00	10.31 0.45 0.00	16.96 0.86 0.00	20.99 1.14 0.00	25.64 1.42 0.00	25.31 1.41 0.00	20.30 1.07 0.00	22.03 1.00 -0.06	21.53 0.86 -0.27	20.21 0.68 -1.36	22.12 0.81 -0.75	26.36 1.08 -0.99	30.99 1.25 -2.91	42.90 2.04 0.00	62.74 2.79 0.00	66.44 3.04 0.00	40.13 1.86 0.00	29.47 1.32 0.00	24.94 1.12 -0.01	24.24 1.10 0.00	22.35 0.95 0.00
WATERSIDE____6 8 9 23538	18.65 1.12 -0.32	13.56 0.88 0.00	13.31 0.83 0.00	11.78 0.73 0.00	10.48 0.61 0.00	17.16 1.06 0.00	21.20 1.34 0.00	26.01 1.80 0.00	25.78 1.88 0.00	20.78 1.55 0.00	22.85 1.69 -0.19	23.00 1.71 -0.89	24.20 1.51 -4.52	24.83 1.80 -2.47	29.70 2.12 -3.29	38.51 2.04 -9.64	43.72 2.85 0.00	64.20 4.25 0.00	67.96 4.55 0.00	41.01 2.74 0.00	30.34 2.18 0.00	25.71 1.86 -0.04	24.82 1.68 0.00	22.88 1.47 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.45 0.24 0.00	12.88 0.19 0.00	12.67 0.18 0.00	11.22 0.17 0.00	10.00 0.14 0.00	16.35 0.25 0.00	20.18 0.32 0.00	24.63 0.42 0.00	24.29 0.39 0.00	19.52 0.29 0.00	21.09 0.11 0.00	20.47 0.07 0.00	18.22 0.05 0.00	20.62 0.06 0.00	24.41 0.13 0.00	27.08 0.25 0.00	41.30 0.43 0.00	60.55 0.60 0.00	64.02 0.61 0.00	38.62 0.35 0.00	28.47 0.31 0.00	24.09 0.27 0.00	23.34 0.21 0.00	21.56 0.15 0.00
WATSON__69_KV_BK 1 55734	19.74 1.74 -0.79	15.01 1.35 -0.98	13.75 1.26 0.00	12.07 1.02 0.00	10.64 0.78 0.00	17.34 1.24 0.00	21.29 1.43 0.00	26.11 1.90 0.00	25.81 1.91 0.00	20.72 1.49 0.00	22.89 1.73 -0.19	23.19 1.91 -0.89	24.43 1.75 -4.50	25.17 2.14 -2.46	29.89 2.33 -3.28	38.63 2.20 -9.61	43.84 2.98 0.00	63.77 3.82 0.00	67.62 4.21 0.00	41.00 2.73 0.00	30.52 2.36 0.00	26.07 2.22 -0.04	25.09 1.96 0.00	23.20 1.80 0.00
WDELAWARE__HYD 323627	17.92 1.09 0.38	13.53 0.85 0.00	13.29 0.80 0.00	11.77 0.71 0.00	10.48 0.62 0.00	17.18 1.08 0.00	21.26 1.40 0.00	26.06 1.85 0.00	25.75 1.85 0.00	20.67 1.45 0.00	22.25 1.50 0.22	20.78 1.44 1.06	14.09 1.27 5.34	19.16 1.52 2.92	22.24 1.84 3.89	17.31 1.87 11.40	43.72 2.85 0.00	64.34 4.39 0.00	68.25 4.85 0.00	41.13 2.86 0.00	30.31 2.15 0.00	25.61 1.83 0.04	24.79 1.65 0.00	22.84 1.44 0.00

WEST BABYLON___IC 23714	19.68 1.68 -0.79	14.96 1.30 -0.98	13.70 1.21 0.00	12.03 0.98 0.00	10.61 0.75 0.00	17.31 1.21 0.00	21.26 1.40 0.00	26.07 1.86 0.00	25.77 1.87 0.00	20.71 1.48 0.00	22.88 1.72 -0.19	23.17 1.88 -0.89	24.41 1.74 -4.50	25.14 2.11 -2.46	29.83 2.26 -3.28	38.54 2.10 -9.61	43.72 2.86 0.00	63.66 3.71 0.00	67.46 4.05 0.00	40.92 2.65 0.00	30.44 2.28 0.00	26.04 2.18 -0.04	25.06 1.93 0.00	23.16 1.76 0.00
WEST CANADA___HYD 24049	17.28 0.07 0.00	12.74 0.05 0.00	12.53 0.05 0.00	11.10 0.05 0.00	9.90 0.04 0.00	16.17 0.07 0.00	19.94 0.08 0.00	24.30 0.09 0.00	23.98 0.08 0.00	19.30 0.08 0.00	21.03 0.06 0.00	20.46 0.06 0.00	18.22 0.05 0.00	20.60 0.04 0.00	24.35 0.06 0.00	26.91 0.08 0.00	40.98 0.11 0.00	60.07 0.12 0.00	63.53 0.13 0.00	38.35 0.08 0.00	28.23 0.06 0.00	23.87 0.05 0.00	23.20 0.06 0.00	21.46 0.05 0.00
WESTERN_NY_WIND 24143	16.10 -1.11 0.00	11.82 -0.87 0.00	11.56 -0.92 0.00	10.23 -0.82 0.00	9.22 -0.64 0.00	15.12 -0.99 0.00	18.73 -1.13 0.00	22.81 -1.40 0.00	22.39 -1.51 0.00	17.95 -1.27 0.00	19.93 -1.04 0.00	19.45 -0.94 0.00	17.28 -0.88 0.00	19.52 -1.05 0.00	22.94 -1.35 0.00	25.39 -1.44 0.00	39.08 -1.79 0.00	57.38 -2.57 0.00	60.22 -3.18 0.00	36.49 -1.78 0.00	26.67 -1.48 0.00	22.58 -1.23 0.00	22.14 -0.99 0.00	20.35 -1.06 0.00
WESTOVER___LESR 323668	17.03 -0.17 0.00	12.52 -0.17 0.00	12.29 -0.19 0.00	10.91 -0.14 0.00	9.73 -0.13 0.00	15.90 -0.20 0.00	19.59 -0.27 0.00	23.97 -0.24 0.00	23.72 -0.19 0.00	19.04 -0.19 0.00	20.85 -0.12 0.00	20.30 -0.10 0.00	18.08 -0.09 0.00	20.49 -0.07 0.00	24.20 -0.09 0.00	26.53 -0.30 0.00	40.51 -0.36 0.00	59.43 -0.52 0.00	62.93 -0.47 0.00	37.92 -0.35 0.00	27.80 -0.36 0.00	23.55 -0.26 0.00	22.94 -0.20 0.00	21.18 -0.22 0.00
WETHRSFD_WT_PWR 323626	15.71 -1.49 0.00	11.48 -1.21 0.00	11.24 -1.24 0.00	10.01 -1.05 0.00	8.96 -0.91 0.00	14.68 -1.43 0.00	18.11 -1.75 0.00	21.98 -2.23 0.00	21.68 -2.23 0.00	17.31 -1.92 0.00	19.25 -1.72 0.00	18.65 -1.75 0.00	16.57 -1.60 0.00	18.80 -1.76 0.00	22.13 -2.16 0.00	24.38 -2.45 0.00	37.76 -3.11 0.00	55.62 -4.33 0.00	58.56 -4.85 0.00	35.34 -2.93 0.00	25.72 -2.44 0.00	21.68 -2.14 0.00	21.25 -1.89 0.00	19.50 -1.90 0.00
WHAVSTOR_138KV_BK127 55557	16.48 0.92 1.64	13.42 0.73 0.00	13.17 0.68 0.00	11.66 0.61 0.00	10.37 0.51 0.00	17.00 0.90 0.00	21.00 1.14 0.00	25.75 1.54 0.00	25.49 1.59 0.00	20.51 1.28 0.00	21.39 1.39 0.97	17.21 1.40 4.59	-3.84 1.24 23.24	9.33 1.49 12.71	9.13 1.76 16.92	-21.07 1.69 49.58	43.26 2.39 0.00	63.55 3.60 0.00	67.39 3.99 0.00	40.63 2.37 0.00	29.97 1.81 0.00	25.18 1.55 0.18	24.54 1.40 0.00	22.64 1.23 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	16.48 0.92 1.64	13.42 0.73 0.00	13.17 0.68 0.00	11.66 0.61 0.00	10.37 0.51 0.00	17.00 0.90 0.00	21.00 1.14 0.00	25.75 1.54 0.00	25.49 1.59 0.00	20.51 1.28 0.00	21.39 1.39 0.97	17.21 1.40 4.59	-3.84 1.24 23.24	9.33 1.49 12.71	9.13 1.76 16.92	-21.07 1.69 49.58	43.26 2.39 0.00	63.55 3.60 0.00	67.39 3.99 0.00	40.63 2.37 0.00	29.97 1.81 0.00	25.18 1.55 0.18	24.54 1.40 0.00	22.64 1.23 0.00
WHITEHAL_115KV_TB1 80871	18.66 1.36 -0.10	13.48 0.80 0.00	13.20 0.71 0.00	11.71 0.66 0.00	10.47 0.61 0.00	17.44 1.34 0.00	21.76 1.90 0.00	26.51 2.30 0.00	26.25 2.34 0.00	20.86 1.63 0.00	22.58 1.55 -0.06	22.03 1.36 -0.27	20.58 1.04 -1.37	22.54 1.23 -0.75	27.06 1.77 -1.00	31.81 2.06 -2.92	44.34 3.47 0.00	64.02 4.07 0.00	68.03 4.63 0.00	41.28 3.01 0.00	30.10 1.94 0.00	25.51 1.68 -0.01	24.77 1.63 0.00	22.86 1.45 0.00
WHITEPLN_13_KV_LOAD 356215	18.70 1.15 -0.34	13.58 0.89 0.00	13.33 0.84 0.00	11.79 0.74 0.00	10.49 0.63 0.00	17.20 1.09 0.00	21.24 1.38 0.00	26.09 1.87 0.00	25.83 1.93 0.00	20.80 1.57 0.00	22.89 1.72 -0.20	23.07 1.71 -0.96	24.55 1.53 -4.85	25.04 1.82 -2.65	29.98 2.17 -3.53	39.30 2.14 -10.33	43.94 3.07 0.00	64.57 4.61 0.00	68.34 4.93 0.00	41.21 2.94 0.00	30.41 2.25 0.00	25.77 1.91 -0.04	24.87 1.73 0.00	22.92 1.51 0.00
WM_FLOYD_69_KV_BK2 356380	19.71 1.71 -0.79	14.99 1.33 -0.98	13.72 1.24 0.00	12.04 0.99 0.00	10.60 0.74 0.00	17.24 1.13 0.00	21.12 1.26 0.00	25.85 1.64 0.00	25.53 1.62 0.00	20.49 1.26 0.00	22.59 1.43 -0.19	22.89 1.60 -0.89	24.13 1.46 -4.50	24.87 1.85 -2.46	29.58 2.01 -3.28	38.35 1.91 -9.61	43.49 2.63 0.00	62.96 3.01 0.00	66.94 3.54 0.00	40.55 2.28 0.00	30.16 2.00 0.00	25.77 1.92 -0.04	24.83 1.69 0.00	22.96 1.56 0.00
WOODARD___115KV_TB2 355635	16.88 -0.33 0.00	12.43 -0.26 0.00	12.21 -0.27 0.00	10.82 -0.23 0.00	9.65 -0.21 0.00	15.77 -0.34 0.00	19.44 -0.42 0.00	23.76 -0.45 0.00	23.51 -0.40 0.00	18.78 -0.45 0.00	20.49 -0.48 0.00	19.93 -0.47 0.00	17.77 -0.39 0.00	20.10 -0.46 0.00	23.83 -0.46 0.00	26.24 -0.59 0.00	40.08 -0.79 0.00	58.79 -1.17 0.00	62.09 -1.31 0.00	37.46 -0.81 0.00	27.51 -0.65 0.00	23.26 -0.55 0.00	22.62 -0.51 0.00	20.97 -0.43 0.00
YORK___WARBASSE 23770	18.71 1.18 -0.32	13.61 0.92 0.00	13.35 0.87 0.00	11.81 0.76 0.00	10.51 0.64 0.00	17.22 1.12 0.00	21.28 1.42 0.00	26.13 1.91 0.00	25.89 1.98 0.00	20.85 1.62 0.00	22.93 1.78 -0.19	23.10 1.80 -0.89	24.28 1.59 -4.52	24.92 1.88 -2.47	29.80 2.22 -3.29	38.59 2.12 -9.64	43.82 2.96 0.00	64.41 4.46 0.00	68.17 4.77 0.00	41.17 2.90 0.00	30.50 2.34 0.00	25.83 1.98 -0.04	24.93 1.79 0.00	22.98 1.57 0.00