

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										10/22/2025			
Generator Data																									
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		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
24138		35.25	30.99	29.19	19.54	24.82	26.47	39.73	55.82	51.71	36.46	39.06	33.52	35.24	39.15	42.91	40.97	50.57	49.55	47.08	45.49	45.83	45.50	41.81	30.35
		2.07	1.74	1.60	1.12	1.31	1.42	2.39	3.77	3.36	2.13	2.54	2.63	2.72	3.01	3.16	3.32	3.83	3.77	3.57	3.32	3.15	3.10	2.90	1.97
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1		35.31	31.05	29.24	19.57	24.86	26.50	39.77	55.87	51.76	36.45	39.06	33.50	35.21	39.11	42.87	40.94	50.57	49.57	47.12	45.55	45.89	45.56	41.84	30.38
24260		2.13	1.80	1.65	1.15	1.35	1.46	2.43	3.82	3.41	2.12	2.53	2.61	2.69	2.98	3.13	3.30	3.83	3.79	3.61	3.37	3.20	3.16	2.94	1.99
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2		35.31	31.05	29.24	19.57	24.86	26.50	39.77	55.87	51.76	36.45	39.06	33.50	35.21	39.11	42.87	40.94	50.57	49.57	47.12	45.55	45.89	45.56	41.84	30.38
24261		2.13	1.80	1.65	1.15	1.35	1.46	2.43	3.82	3.41	2.12	2.53	2.61	2.69	2.98	3.13	3.30	3.83	3.79	3.61	3.37	3.20	3.16	2.94	1.99
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS		34.59	30.54	28.80	19.27	26.91	26.69	39.20	55.76	50.92	49.48	46.36	32.22	33.38	37.01	40.57	38.64	48.69	48.27	45.97	44.64	47.84	46.19	44.98	33.10
24011		1.41	1.29	1.21	0.85	1.16	1.22	1.87	2.76	2.49	1.76	1.79	1.33	0.86	0.87	0.82	1.00	1.95	2.48	2.46	2.34	2.26	2.11	1.88	1.37
		0.00	0.00	0.00	0.00	-2.24	-0.43	0.00	-0.95	-0.08	-13.38	-8.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-2.90	-1.67	-4.20	-3.35
ADK RESOURCE___RCVRY		34.71	30.64	28.90	19.35	26.94	26.82	39.42	56.08	51.26	49.20	46.34	32.39	33.50	37.09	40.66	38.81	49.06	48.71	46.41	45.02	48.09	46.45	45.08	33.16
23798		1.54	1.39	1.31	0.93	1.28	1.36	2.09	3.12	2.83	2.06	2.11	1.50	0.98	0.96	0.91	1.17	2.33	2.92	2.90	2.72	2.63	2.44	2.16	1.57
		0.00	0.00	0.00	0.00	-2.15	-0.41	0.00	-0.91	-0.08	-12.80	-7.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-2.78	-1.60	-4.02	-3.21
ADK S GLENS___FALLS		34.59	30.54	28.80	19.27	26.91	26.69	39.20	55.76	50.92	49.48	46.36	32.22	33.38	37.01	40.57	38.64	48.69	48.27	45.97	44.64	47.84	46.19	44.98	33.10
24028		1.41	1.29	1.21	0.85	1.16	1.22	1.87	2.76	2.49	1.76	1.79	1.33	0.86	0.87	0.82	1.00	1.95	2.48	2.46	2.34	2.26	2.11	1.88	1.37
		0.00	0.00	0.00	0.00	-2.24	-0.43	0.00	-0.95	-0.08	-13.38	-8.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-2.90	-1.67	-4.20	-3.35
ADK_NYS___DAM		34.42	30.35	28.63	19.18	29.10	26.96	38.62	55.77	50.19	62.91	54.24	31.91	33.12	36.77	40.05	37.91	47.56	46.98	44.87	43.77	49.96	47.15	48.71	36.23
23527		1.24	1.10	1.05	0.76	1.04	1.05	1.29	1.79	1.67	1.39	1.37	1.02	0.61	0.64	0.30	0.27	0.82	1.20	1.35	1.33	1.41	1.36	1.31	1.07
		0.00	0.00	0.00	0.00	-4.55	-0.87	0.00	-1.93	-0.17	-27.19	-16.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-5.87	-3.38	-8.49	-6.78
AIR_PRODUCTS___DRP		33.14	29.30	27.62	18.50	21.05	24.66	37.30	50.86	48.09	19.03	27.29	30.82	32.19	35.82	39.25	37.23	46.33	45.51	43.27	41.75	39.15	40.24	34.04	24.57
24190		-0.04	0.06	0.03	0.07	0.08	0.10	-0.03	-0.11	-0.16	-0.09	-0.08	-0.07	-0.32	-0.31	-0.50	-0.41	-0.40	-0.27	-0.24	-0.27	-0.30	-0.30	-0.20	-0.08
		0.00	0.00	0.00	0.00	2.54	0.49	0.00	1.08	0.10	15.21	9.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	3.23	1.86	4.67	3.73	
AKWESSNE_115KV_BK		33.48	29.45	27.81	18.56	23.71	25.30	37.70	52.55	48.90	34.89	37.12	31.16	32.68	32.09	40.17	37.86	46.99	45.94	43.82	42.50	43.13	42.84	39.33	28.72
355683		0.30	0.20	0.22	0.14	0.20	0.25	0.37	0.50	0.55	0.56	0.59	0.27	0.16	0.14	0.42	0.22	0.25	0.15	0.30	0.33	0.44	0.43	0.42	0.34
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR		33.94	30.01	28.28	18.93	22.81	25.56	38.35	52.93	49.53	26.64	31.98	31.29	32.61	36.31	39.87	38.02	47.24	46.47	44.21	42.71	41.12	41.76	36.33	26.32
323833		0.76	0.77	0.70	0.51	0.70	0.78	1.02	1.48	1.23	0.70	0.51	0.40	0.09	0.18	0.13	0.38	0.50	0.68	0.70	0.65	0.64	0.63	0.62	0.49
		0.00	0.00	0.00	0.00	1.40	0.27	0.00	0.59	0.05	8.40	5.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	2.21	1.27	3.20	2.55
ALBANY_2_SOLAR		33.93	30.00	28.28	18.92	22.80	25.55	38.34	52.91	49.51	26.62	31.97	31.29	32.59	36.31	39.87	38.01	47.23	46.45	44.20	42.69	41.11	41.74	36.33	26.32
323834		0.75	0.76	0.69	0.50	0.69	0.77	1.00	1.46	1.22	0.70	0.50	0.39	0.07	0.18	0.12	0.37	0.49	0.67	0.68	0.63	0.62	0.61	0.62	0.48
		0.00	0.00	0.00	0.00	1.40	0.27	0.00	0.59	0.05	8.41	5.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	2.21	1.27	3.20	2.55
ALBANY___1		33.14	29.30	27.62	18.50	21.05	24.66	37.30	50.86	48.09	19.03	27.29	30.82	32.19	35.82	39.25	37.23	46.33	45.51	43.27	41.75	39.15	40.24	34.04	24.57
23571		-0.04	0.06	0.03	0.07	0.08	0.10	-0.03	-0.11	-0.16	-0.09	-0.08	-0.07	-0.32	-0.31	-0.50	-0.41	-0.40	-0.27	-0.24	-0.27	-0.30	-0.30	-0.20	-0.08
		0.00	0.00	0.00	0.00	2.54	0.49	0.00	1.08	0.10	15.21	9.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	3.23	1.86	4.67	3.73	

ALBANY___2 23572	33.14 -0.04 0.00	29.30 0.06 0.00	27.62 0.03 0.00	18.50 0.07 0.00	21.05 0.08 2.54	24.66 0.10 0.49	37.30 -0.03 0.00	50.86 -0.11 1.08	48.09 -0.16 0.10	19.03 -0.09 15.21	27.29 -0.08 9.15	30.82 -0.07 0.00	32.19 -0.32 0.00	35.82 -0.31 0.00	39.25 -0.50 0.00	37.23 -0.41 0.00	46.33 -0.40 0.00	45.51 -0.27 0.00	43.27 -0.24 0.00	41.75 -0.27 0.15	39.15 -0.30 3.23	40.24 -0.30 1.86	34.04 -0.20 4.67	24.57 -0.08 3.73
ALBANY___3 23573	33.14 -0.04 0.00	29.30 0.06 0.00	27.62 0.03 0.00	18.50 0.07 0.00	21.05 0.08 2.54	24.66 0.10 0.49	37.30 -0.03 0.00	50.86 -0.11 1.08	48.09 -0.16 0.10	19.03 -0.09 15.21	27.29 -0.08 9.15	30.82 -0.07 0.00	32.19 -0.32 0.00	35.82 -0.31 0.00	39.25 -0.50 0.00	37.23 -0.41 0.00	46.33 -0.40 0.00	45.51 -0.27 0.00	43.27 -0.24 0.00	41.75 -0.27 0.15	39.15 -0.30 3.23	40.24 -0.30 1.86	34.04 -0.20 4.67	24.57 -0.08 3.73
ALBANY___4 23574	33.14 -0.04 0.00	29.30 0.06 0.00	27.62 0.03 0.00	18.50 0.07 0.00	21.05 0.08 2.54	24.66 0.10 0.49	37.30 -0.03 0.00	50.86 -0.11 1.08	48.09 -0.16 0.10	19.03 -0.09 15.21	27.29 -0.08 9.15	30.82 -0.07 0.00	32.19 -0.32 0.00	35.82 -0.31 0.00	39.25 -0.50 0.00	37.23 -0.41 0.00	46.33 -0.40 0.00	45.51 -0.27 0.00	43.27 -0.24 0.00	41.75 -0.27 0.15	39.15 -0.30 3.23	40.24 -0.30 1.86	34.04 -0.20 4.67	24.57 -0.08 3.73
ALBANY___LFGE 323615	33.51 0.33 0.00	29.63 0.38 0.00	27.93 0.34 0.00	18.70 0.28 0.00	21.11 0.34 2.74	24.89 0.38 0.53	37.72 0.39 0.00	51.40 0.52 1.17	48.67 0.43 0.10	18.21 0.33 16.45	27.02 0.38 9.90	31.22 0.33 0.00	32.55 0.03 0.00	36.25 0.11 0.00	39.71 -0.04 0.00	37.68 0.03 0.00	46.91 0.18 0.00	46.11 0.32 0.00	43.85 0.33 0.00	42.29 0.29 0.16	39.44 0.25 3.50	40.61 0.22 2.02	34.10 0.26 5.06	24.59 0.25 4.04
ALCOA_PA_115KV_PL-6C 55860	33.63 0.45 0.00	29.58 0.34 0.00	27.94 0.35 0.00	18.64 0.22 0.00	23.82 0.31 0.00	25.42 0.38 0.00	37.88 0.55 0.00	52.78 0.73 0.00	49.08 0.74 0.00	35.02 0.69 0.00	37.28 0.76 0.00	31.30 0.41 0.00	32.81 0.29 0.00	32.22 0.27 4.18	40.32 0.57 0.00	37.99 0.35 0.00	47.12 0.39 0.00	46.08 0.30 0.00	44.00 0.48 0.00	42.67 0.50 0.00	43.33 0.64 0.00	43.03 0.63 0.00	39.50 0.60 0.00	28.85 0.46 0.00
ALCOA_RYNLDS___DRP 24188	33.63 0.45 0.00	29.58 0.34 0.00	27.94 0.35 0.00	18.64 0.22 0.00	23.82 0.31 0.00	25.42 0.38 0.00	37.88 0.55 0.00	52.78 0.73 0.00	49.08 0.74 0.00	35.02 0.69 0.00	37.28 0.76 0.00	31.30 0.41 0.00	32.81 0.29 0.00	32.22 0.27 4.18	40.32 0.57 0.00	37.99 0.35 0.00	47.12 0.39 0.00	46.08 0.30 0.00	44.00 0.48 0.00	42.67 0.50 0.00	43.33 0.64 0.00	43.03 0.63 0.00	39.50 0.60 0.00	28.85 0.46 0.00
ALCOA___DSASP 323711	33.63 0.45 0.00	29.58 0.34 0.00	27.94 0.35 0.00	18.64 0.22 0.00	23.82 0.31 0.00	25.42 0.38 0.00	37.88 0.55 0.00	52.78 0.73 0.00	49.08 0.74 0.00	35.02 0.69 0.00	37.28 0.76 0.00	31.30 0.41 0.00	32.81 0.29 0.00	32.22 0.27 4.18	40.32 0.57 0.00	37.99 0.35 0.00	47.13 0.39 0.00	46.09 0.30 0.00	43.99 0.48 0.00	42.67 0.50 0.00	43.33 0.64 0.00	43.03 0.63 0.00	39.50 0.60 0.00	28.85 0.46 0.00
ALLEGHENY___COGEN 23514	34.27 1.09 0.00	29.91 0.66 0.00	28.10 0.52 0.00	18.66 0.24 0.00	23.88 0.37 0.00	25.52 0.48 0.00	38.15 0.82 0.00	52.83 0.78 0.00	48.93 0.58 0.00	34.20 -0.14 0.00	35.68 -0.85 0.00	31.04 0.15 0.00	33.01 0.49 0.00	36.94 0.81 0.00	40.38 0.63 0.00	38.32 0.68 0.00	47.75 1.01 0.00	46.21 0.42 0.00	44.04 0.52 0.00	42.85 0.67 0.00	43.29 0.60 0.00	42.70 0.29 0.00	38.84 -0.06 0.00	28.24 -0.14 0.00
ALTAMONT_115KV_TB 2 55880	33.64 0.46 0.00	29.74 0.50 0.00	28.04 0.45 0.00	18.75 0.33 0.00	22.56 0.40 1.35	25.18 0.40 0.26	37.85 0.51 0.00	52.24 0.76 0.58	48.89 0.60 0.05	26.56 0.36 8.14	32.04 0.41 4.89	31.30 0.41 0.00	32.76 0.24 0.00	36.43 0.30 0.00	39.93 0.19 0.00	37.90 0.26 0.00	47.07 0.33 0.00	46.22 0.44 0.00	43.94 0.42 0.00	42.47 0.38 0.08	41.30 0.36 1.75	41.80 0.40 1.01	36.80 0.42 2.53	26.67 0.31 2.02
ALTONA_WT_PWR 323606	33.87 0.69 0.00	29.76 0.52 0.00	28.07 0.49 0.00	18.84 0.42 0.00	24.07 0.56 0.00	25.35 0.31 0.00	37.18 -0.15 0.00	51.28 -0.77 0.00	47.59 -0.76 0.00	34.28 -0.05 0.00	36.65 0.12 4.40	26.33 -0.16 14.29	17.03 -1.20 13.80	20.78 -1.56 0.00	39.28 -0.46 0.00	36.60 -1.05 0.00	45.11 -1.63 0.00	43.73 -2.06 5.46	36.40 -1.65 39.12	1.28 -1.76 39.12	41.45 -1.24 0.00	41.70 -0.70 0.00	39.32 0.42 0.00	28.93 0.55 0.00
AMERICAN_REF_FUEL 24010	32.15 -1.03 0.00	27.91 -1.33 0.00	26.25 -1.33 0.00	17.30 -1.12 0.00	22.12 -1.39 0.00	23.75 -1.29 0.00	34.79 -2.54 0.00	47.69 -4.36 0.00	44.63 -3.71 0.00	32.42 -1.91 0.00	34.29 -2.24 0.00	30.00 -0.89 0.00	32.17 -0.35 0.00	35.53 -0.61 0.00	38.37 -1.38 0.00	36.05 -1.59 0.00	44.25 -2.49 0.00	42.17 -3.61 0.00	39.64 -3.88 0.00	38.73 -3.44 0.00	39.24 -3.45 0.00	39.00 -3.40 0.00	35.73 -3.18 0.00	26.05 -2.33 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.54 -0.64 0.00	28.85 -0.40 0.00	26.65 -0.93 0.00	17.43 -0.99 0.00	22.56 -0.95 0.00	24.04 -1.00 0.00	35.59 -1.75 0.00	49.06 -2.99 0.00	45.40 -2.95 0.00	32.61 -1.73 0.00	34.84 -1.69 0.00	30.74 -0.15 0.00	32.88 0.36 0.00	36.09 -0.04 0.00	38.79 -0.96 0.00	35.84 -1.81 0.00	43.95 -2.79 0.00	41.95 -3.83 0.00	39.64 -3.88 0.00	38.74 -3.43 0.00	39.24 -3.45 0.00	38.98 -3.43 0.00	36.04 -2.87 0.00	26.87 -1.52 0.00
ARTHUR KILL_GT_1 23520	35.34 2.16 0.00	31.09 1.85 0.00	29.30 1.71 0.00	19.60 1.18 0.00	24.90 1.39 0.00	26.55 1.51 0.00	39.83 2.49 0.00	55.83 3.79 0.00	51.72 3.37 0.00	36.37 2.04 0.00	38.94 2.41 0.00	33.36 2.47 0.00	35.05 2.53 0.00	38.95 2.82 0.00	42.71 2.96 0.00	40.75 3.11 0.00	50.23 3.49 0.00	49.33 3.55 0.00	46.89 3.38 0.00	45.41 3.24 0.00	45.71 3.03 0.00	45.56 3.16 0.00	41.93 3.02 0.00	30.43 2.05 0.00
ARTHUR_KILL_2 23512	35.25 2.07 0.00	31.02 1.77 0.00	29.22 1.64 0.00	19.56 1.14 0.00	24.84 1.33 0.00	26.48 1.44 0.00	39.72 2.38 0.00	55.68 3.63 0.00	51.58 3.23 0.00	36.29 1.96 0.00	38.86 2.33 0.00	33.30 2.40 0.00	34.98 2.46 0.00	38.87 2.74 0.00	42.62 2.88 0.00	40.65 3.01 0.00	50.10 3.36 0.00	49.20 3.41 0.00	46.77 3.25 0.00	45.29 3.12 0.00	45.59 2.90 0.00	45.44 3.03 0.00	41.84 2.93 0.00	30.36 1.98 0.00
ARTHUR_KILL_3 23513	34.98 1.80 0.00	30.77 1.52 0.00	28.99 1.40 0.00	19.41 0.98 0.00	24.65 1.14 0.00	26.28 1.23 0.00	39.44 2.11 0.00	55.39 3.35 0.00	51.27 2.93 0.00	36.10 1.77 0.00	38.66 2.13 0.00	33.15 2.26 0.00	34.85 2.33 0.00	38.71 2.58 0.00	42.45 2.70 0.00	40.54 2.90 0.00	50.07 3.33 0.00	49.08 3.30 0.00	46.67 3.16 0.00	45.12 2.95 0.00	45.46 2.77 0.00	45.16 2.76 0.00	41.50 2.59 0.00	30.13 1.75 0.00

ARTHUR_KILL_COGEN 323718	35.34 2.16 0.00	31.09 1.85 0.00	29.30 1.71 0.00	19.60 1.18 0.00	24.90 1.39 0.00	26.55 1.51 0.00	39.83 2.49 0.00	55.83 3.79 0.00	51.72 3.37 0.00	36.38 2.05 0.00	38.94 2.41 0.00	33.36 2.47 0.00	35.05 2.53 0.00	38.95 2.82 0.00	42.71 2.96 0.00	40.74 3.10 0.00	50.24 3.50 0.00	49.33 3.55 0.00	46.90 3.38 0.00	45.42 3.25 0.00	45.72 3.03 0.00	45.56 3.16 0.00	41.93 3.03 0.00	30.43 2.05 0.00
ASHOKAN____ 23654	34.16 0.98 0.00	30.15 0.90 0.00	28.39 0.80 0.00	18.99 0.57 0.00	23.39 0.83 0.94	25.87 1.01 0.18	38.88 1.54 0.00	54.30 2.65 0.40	50.61 2.30 0.04	30.15 1.49 5.67	34.58 1.47 3.41	31.76 0.86 0.00	33.19 0.67 0.00	36.96 0.83 0.00	40.57 0.82 0.00	38.85 1.21 0.00	48.13 1.40 0.00	47.45 1.66 0.00	45.29 1.77 0.00	43.77 1.68 0.08	42.95 1.89 1.63	43.22 1.76 0.94	38.25 1.70 2.35	27.55 1.05 1.88
ASTORIA_EAST_ENERGY_CC1 323581	34.93 1.75 0.00	30.73 1.48 0.00	28.95 1.36 0.00	-114.02 0.94 133.39	24.57 1.06 0.01	26.19 1.15 0.01	39.31 1.98 0.00	55.45 3.40 0.00	51.41 3.07 0.00	36.17 1.84 0.00	38.76 2.23 0.00	33.26 2.37 0.00	34.91 2.39 0.00	38.71 2.58 0.00	42.51 2.76 0.00	40.66 3.02 0.00	50.17 3.44 0.00	49.30 3.51 0.00	46.84 3.32 0.00	45.31 3.14 0.00	45.63 2.94 0.00	45.35 2.95 0.00	41.62 2.71 0.00	30.19 1.81 0.00
ASTORIA_EAST_ENERGY_CC2 323582	34.93 1.75 0.00	30.73 1.48 0.00	28.95 1.36 0.00	-114.02 0.94 133.39	24.57 1.06 0.01	26.19 1.15 0.01	39.31 1.98 0.00	55.45 3.40 0.00	51.41 3.07 0.00	36.17 1.84 0.00	38.76 2.23 0.00	33.26 2.37 0.00	34.91 2.39 0.00	38.71 2.58 0.00	42.50 2.76 0.00	40.65 3.01 0.00	50.18 3.44 0.00	49.30 3.51 0.00	46.84 3.33 0.00	45.31 3.14 0.00	45.63 2.94 0.00	45.35 2.95 0.00	41.62 2.71 0.00	30.19 1.81 0.00
ASTORIA_GT2_1 24094	34.93 1.75 0.00	30.73 1.49 0.00	28.96 1.37 0.00	-114.02 0.95 133.39	24.58 1.07 0.01	26.20 1.16 0.01	39.34 2.00 0.00	55.47 3.43 0.00	51.44 3.09 0.00	36.18 1.85 0.00	38.77 2.24 0.00	33.27 2.38 0.00	34.92 2.41 0.00	38.72 2.59 0.00	42.54 2.79 0.00	40.68 3.04 0.00	50.20 3.46 0.00	49.32 3.53 0.00	46.86 3.34 0.00	45.32 3.15 0.00	45.65 2.97 0.00	45.36 2.96 0.00	41.64 2.73 0.00	30.20 1.82 0.00
ASTORIA_GT2_2 24095	34.93 1.75 0.00	30.73 1.49 0.00	28.96 1.37 0.00	-114.02 0.95 133.39	24.58 1.07 0.01	26.20 1.16 0.01	39.34 2.00 0.00	55.47 3.43 0.00	51.44 3.09 0.00	36.18 1.85 0.00	38.77 2.24 0.00	33.27 2.38 0.00	34.92 2.41 0.00	38.72 2.59 0.00	42.54 2.79 0.00	40.68 3.04 0.00	50.20 3.46 0.00	49.32 3.53 0.00	46.86 3.34 0.00	45.32 3.15 0.00	45.65 2.97 0.00	45.36 2.96 0.00	41.64 2.73 0.00	30.20 1.82 0.00
ASTORIA_GT2_3 24096	34.93 1.75 0.00	30.73 1.49 0.00	28.96 1.37 0.00	-114.02 0.95 133.39	24.58 1.07 0.01	26.20 1.16 0.01	39.34 2.00 0.00	55.47 3.43 0.00	51.44 3.09 0.00	36.18 1.85 0.00	38.77 2.24 0.00	33.27 2.38 0.00	34.92 2.41 0.00	38.72 2.59 0.00	42.54 2.79 0.00	40.68 3.04 0.00	50.20 3.46 0.00	49.32 3.53 0.00	46.86 3.34 0.00	45.32 3.15 0.00	45.65 2.97 0.00	45.36 2.96 0.00	41.64 2.73 0.00	30.20 1.82 0.00
ASTORIA_GT2_4 24097	34.93 1.75 0.00	30.73 1.49 0.00	28.96 1.37 0.00	-114.02 0.95 133.39	24.58 1.07 0.01	26.20 1.16 0.01	39.34 2.00 0.00	55.47 3.43 0.00	51.44 3.09 0.00	36.18 1.85 0.00	38.77 2.24 0.00	33.27 2.38 0.00	34.92 2.41 0.00	38.72 2.59 0.00	42.54 2.79 0.00	40.68 3.04 0.00	50.20 3.46 0.00	49.32 3.53 0.00	46.86 3.34 0.00	45.32 3.15 0.00	45.65 2.97 0.00	45.36 2.96 0.00	41.64 2.73 0.00	30.20 1.82 0.00
ASTORIA_GT3_1 24098	34.93 1.75 0.00	30.73 1.49 0.00	28.96 1.37 0.00	-114.02 0.95 133.39	24.58 1.07 0.01	26.20 1.16 0.01	39.34 2.00 0.00	55.47 3.43 0.00	51.44 3.09 0.00	36.18 1.85 0.00	38.77 2.24 0.00	33.27 2.38 0.00	34.92 2.41 0.00	38.72 2.59 0.00	42.54 2.79 0.00	40.68 3.04 0.00	50.20 3.46 0.00	49.32 3.53 0.00	46.86 3.34 0.00	45.32 3.15 0.00	45.65 2.97 0.00	45.36 2.96 0.00	41.64 2.73 0.00	30.20 1.82 0.00
ASTORIA_GT3_2 24099	34.93 1.75 0.00	30.73 1.49 0.00	28.96 1.37 0.00	-114.02 0.95 133.39	24.58 1.07 0.01	26.20 1.16 0.01	39.34 2.00 0.00	55.47 3.43 0.00	51.44 3.09 0.00	36.18 1.85 0.00	38.77 2.24 0.00	33.27 2.38 0.00	34.92 2.41 0.00	38.72 2.59 0.00	42.54 2.79 0.00	40.68 3.04 0.00	50.20 3.46 0.00	49.32 3.53 0.00	46.86 3.34 0.00	45.32 3.15 0.00	45.65 2.97 0.00	45.36 2.96 0.00	41.64 2.73 0.00	30.20 1.82 0.00
ASTORIA_GT3_3 24100	34.93 1.75 0.00	30.73 1.49 0.00	28.96 1.37 0.00	-114.02 0.95 133.39	24.58 1.07 0.01	26.20 1.16 0.01	39.34 2.00 0.00	55.47 3.43 0.00	51.44 3.09 0.00	36.18 1.85 0.00	38.77 2.24 0.00	33.27 2.38 0.00	34.92 2.41 0.00	38.72 2.59 0.00	42.54 2.79 0.00	40.68 3.04 0.00	50.20 3.46 0.00	49.32 3.53 0.00	46.86 3.34 0.00	45.32 3.15 0.00	45.65 2.97 0.00	45.36 2.96 0.00	41.64 2.73 0.00	30.20 1.82 0.00
ASTORIA_GT3_4 24101	34.93 1.75 0.00	30.73 1.49 0.00	28.96 1.37 0.00	-114.02 0.95 133.39	24.58 1.07 0.01	26.20 1.16 0.01	39.34 2.00 0.00	55.47 3.43 0.00	51.44 3.09 0.00	36.18 1.85 0.00	38.77 2.24 0.00	33.27 2.38 0.00	34.92 2.41 0.00	38.72 2.59 0.00	42.54 2.79 0.00	40.68 3.04 0.00	50.20 3.46 0.00	49.32 3.53 0.00	46.86 3.34 0.00	45.32 3.15 0.00	45.65 2.97 0.00	45.36 2.96 0.00	41.64 2.73 0.00	30.20 1.82 0.00
ASTORIA_GT4_1 24102	34.93 1.75 0.00	30.73 1.49 0.00	28.96 1.37 0.00	-114.02 0.95 133.39	24.58 1.07 0.01	26.20 1.16 0.01	39.34 2.00 0.00	55.47 3.43 0.00	51.44 3.09 0.00	36.18 1.85 0.00	38.77 2.24 0.00	33.27 2.38 0.00	34.92 2.41 0.00	38.72 2.59 0.00	42.54 2.79 0.00	40.68 3.04 0.00	50.20 3.46 0.00	49.32 3.53 0.00	46.86 3.34 0.00	45.32 3.15 0.00	45.65 2.97 0.00	45.36 2.96 0.00	41.64 2.73 0.00	30.20 1.82 0.00
ASTORIA_GT4_2 24103	34.93 1.75 0.00	30.73 1.49 0.00	28.96 1.37 0.00	-114.02 0.95 133.39	24.58 1.07 0.01	26.20 1.16 0.01	39.34 2.00 0.00	55.47 3.43 0.00	51.44 3.09 0.00	36.18 1.85 0.00	38.77 2.24 0.00	33.27 2.38 0.00	34.92 2.41 0.00	38.72 2.59 0.00	42.54 2.79 0.00	40.68 3.04 0.00	50.20 3.46 0.00	49.32 3.53 0.00	46.86 3.34 0.00	45.32 3.15 0.00	45.65 2.97 0.00	45.36 2.96 0.00	41.64 2.73 0.00	30.20 1.82 0.00
ASTORIA_GT4_3 24104	34.93 1.75 0.00	30.73 1.49 0.00	28.96 1.37 0.00	-114.02 0.95 133.39	24.58 1.07 0.01	26.20 1.16 0.01	39.34 2.00 0.00	55.47 3.43 0.00	51.44 3.09 0.00	36.18 1.85 0.00	38.77 2.24 0.00	33.27 2.38 0.00	34.92 2.41 0.00	38.72 2.59 0.00	42.54 2.79 0.00	40.68 3.04 0.00	50.20 3.46 0.00	49.32 3.53 0.00	46.86 3.34 0.00	45.32 3.15 0.00	45.65 2.97 0.00	45.36 2.96 0.00	41.64 2.73 0.00	30.20 1.82 0.00

ASTORIA_GT4_4 24105	34.93 1.75 0.00	30.73 1.49 0.00	28.96 1.37 0.00	-114.02 0.95 133.39	24.58 1.07 0.01	26.20 1.16 0.01	39.34 2.00 0.00	55.47 3.43 0.00	51.44 3.09 0.00	36.18 1.85 0.00	38.77 2.24 0.00	33.27 2.38 0.00	34.92 2.41 0.00	38.72 2.59 0.00	42.54 2.79 0.00	40.68 3.04 0.00	50.20 3.46 0.00	49.32 3.53 0.00	46.86 3.34 0.00	45.32 3.15 0.00	45.65 2.97 0.00	45.36 2.96 0.00	41.64 2.73 0.00	30.20 1.82 0.00
ASTORIA_GT_1 23523	35.00 1.82 0.00	30.78 1.53 0.00	29.00 1.42 0.00	-114.00 0.97 133.39	24.62 1.11 0.01	26.24 1.20 0.01	39.40 2.07 0.00	55.58 3.53 0.00	51.53 3.19 0.00	36.25 1.92 0.00	38.84 2.32 0.00	33.34 2.45 0.00	35.00 2.48 0.00	38.81 2.68 0.00	42.62 2.87 0.00	40.76 3.11 0.00	50.29 3.55 0.00	49.41 3.63 0.00	46.94 3.43 0.00	45.40 3.24 0.00	45.74 3.05 0.00	45.44 3.04 0.00	41.69 2.78 0.00	30.25 1.87 0.00
ASTORIA_GT_10 24110	35.16 1.98 0.00	30.93 1.69 0.00	29.15 1.56 0.00	19.50 1.08 0.00	24.76 1.25 0.00	26.40 1.36 0.00	39.58 2.25 0.00	55.57 3.52 0.00	51.48 3.13 0.00	36.25 1.92 0.00	38.87 2.34 0.00	33.34 2.45 0.00	35.03 2.51 0.00	38.89 2.76 0.00	42.67 2.92 0.00	40.74 3.09 0.00	50.22 3.49 0.00	49.28 3.50 0.00	46.82 3.31 0.00	45.27 3.10 0.00	45.61 2.92 0.00	45.35 2.95 0.00	41.68 2.77 0.00	30.26 1.88 0.00
ASTORIA_GT_11 24225	35.16 1.98 0.00	30.93 1.69 0.00	29.15 1.56 0.00	19.50 1.08 0.00	24.76 1.25 0.00	26.40 1.36 0.00	39.58 2.25 0.00	55.57 3.52 0.00	51.48 3.13 0.00	36.25 1.92 0.00	38.87 2.34 0.00	33.34 2.45 0.00	35.03 2.51 0.00	38.89 2.76 0.00	42.67 2.92 0.00	40.74 3.09 0.00	50.22 3.49 0.00	49.28 3.50 0.00	46.82 3.31 0.00	45.27 3.10 0.00	45.61 2.92 0.00	45.35 2.95 0.00	41.68 2.77 0.00	30.26 1.88 0.00
ASTORIA_GT_12 24226	35.16 1.98 0.00	30.93 1.69 0.00	29.15 1.56 0.00	19.50 1.08 0.00	24.76 1.25 0.00	26.40 1.36 0.00	39.58 2.25 0.00	55.57 3.52 0.00	51.48 3.13 0.00	36.25 1.92 0.00	38.87 2.34 0.00	33.34 2.45 0.00	35.03 2.51 0.00	38.89 2.76 0.00	42.67 2.92 0.00	40.74 3.09 0.00	50.22 3.49 0.00	49.28 3.50 0.00	46.82 3.31 0.00	45.27 3.10 0.00	45.61 2.92 0.00	45.35 2.95 0.00	41.68 2.77 0.00	30.26 1.88 0.00
ASTORIA_GT_13 24227	35.16 1.98 0.00	30.93 1.69 0.00	29.15 1.56 0.00	19.50 1.08 0.00	24.76 1.25 0.00	26.40 1.36 0.00	39.58 2.25 0.00	55.57 3.52 0.00	51.48 3.13 0.00	36.25 1.92 0.00	38.87 2.34 0.00	33.34 2.45 0.00	35.03 2.51 0.00	38.89 2.76 0.00	42.67 2.92 0.00	40.74 3.09 0.00	50.22 3.49 0.00	49.28 3.50 0.00	46.82 3.31 0.00	45.27 3.10 0.00	45.61 2.92 0.00	45.35 2.95 0.00	41.68 2.77 0.00	30.26 1.88 0.00
ASTORIA_GT_5 24106	35.00 1.82 0.00	30.78 1.53 0.00	29.00 1.42 0.00	-114.00 0.97 133.39	24.62 1.11 0.01	26.24 1.20 0.01	39.40 2.07 0.00	55.58 3.53 0.00	51.53 3.19 0.00	36.25 1.92 0.00	38.84 2.32 0.00	33.34 2.45 0.00	35.00 2.48 0.00	38.81 2.68 0.00	42.62 2.87 0.00	40.76 3.11 0.00	50.29 3.55 0.00	49.41 3.63 0.00	46.94 3.43 0.00	45.40 3.24 0.00	45.74 3.05 0.00	45.44 3.04 0.00	41.69 2.78 0.00	30.25 1.87 0.00
ASTORIA_GT_7 24107	35.00 1.82 0.00	30.78 1.53 0.00	29.00 1.42 0.00	-114.00 0.97 133.39	24.62 1.11 0.01	26.24 1.20 0.01	39.40 2.07 0.00	55.58 3.53 0.00	51.53 3.19 0.00	36.25 1.92 0.00	38.84 2.32 0.00	33.34 2.45 0.00	35.00 2.48 0.00	38.81 2.68 0.00	42.62 2.87 0.00	40.76 3.11 0.00	50.29 3.55 0.00	49.41 3.63 0.00	46.94 3.43 0.00	45.40 3.24 0.00	45.74 3.05 0.00	45.44 3.04 0.00	41.69 2.78 0.00	30.25 1.87 0.00
ASTORIA_GT_8 24108	35.00 1.82 0.00	30.78 1.53 0.00	29.00 1.42 0.00	-114.00 0.97 133.39	24.62 1.11 0.01	26.24 1.20 0.01	39.40 2.07 0.00	55.58 3.53 0.00	51.53 3.19 0.00	36.25 1.92 0.00	38.84 2.32 0.00	33.34 2.45 0.00	35.00 2.48 0.00	38.81 2.68 0.00	42.62 2.87 0.00	40.76 3.11 0.00	50.29 3.55 0.00	49.41 3.63 0.00	46.94 3.43 0.00	45.40 3.24 0.00	45.74 3.05 0.00	45.44 3.04 0.00	41.69 2.78 0.00	30.25 1.87 0.00
ASTORIA___2 24149	34.93 1.75 0.00	30.73 1.48 0.00	28.96 1.37 0.00	-114.02 0.95 133.39	24.58 1.08 0.01	26.20 1.16 0.01	39.34 2.00 0.00	55.47 3.43 0.00	51.43 3.09 0.00	36.19 1.86 0.00	38.77 2.24 0.00	33.27 2.38 0.00	34.92 2.41 0.00	38.72 2.59 0.00	42.53 2.79 0.00	40.68 3.04 0.00	50.20 3.46 0.00	49.32 3.53 0.00	46.86 3.34 0.00	45.32 3.15 0.00	45.65 2.97 0.00	45.36 2.96 0.00	41.65 2.74 0.00	30.20 1.82 0.00
ASTORIA___3 23516	35.16 1.98 0.00	30.93 1.69 0.00	29.15 1.56 0.00	19.50 1.08 0.00	24.76 1.25 0.00	26.40 1.36 0.00	39.58 2.25 0.00	55.57 3.52 0.00	51.48 3.13 0.00	36.25 1.92 0.00	38.87 2.34 0.00	33.34 2.45 0.00	35.03 2.51 0.00	38.89 2.76 0.00	42.67 2.92 0.00	40.74 3.09 0.00	50.22 3.49 0.00	49.28 3.50 0.00	46.83 3.32 0.00	45.27 3.10 0.00	45.61 2.92 0.00	45.35 2.95 0.00	41.68 2.78 0.00	30.26 1.88 0.00
ASTORIA___4 23517	35.16 1.98 0.00	30.93 1.69 0.00	29.15 1.56 0.00	19.50 1.08 0.00	24.76 1.25 0.00	26.40 1.36 0.00	39.58 2.25 0.00	55.57 3.52 0.00	51.48 3.13 0.00	36.25 1.92 0.00	38.87 2.34 0.00	33.34 2.45 0.00	35.03 2.51 0.00	38.89 2.76 0.00	42.67 2.92 0.00	40.74 3.09 0.00	50.22 3.49 0.00	49.28 3.50 0.00	46.82 3.31 0.00	45.27 3.10 0.00	45.61 2.92 0.00	45.35 2.95 0.00	41.68 2.77 0.00	30.26 1.88 0.00
ASTORIA___5 23518	35.16 1.98 0.00	30.93 1.69 0.00	29.15 1.56 0.00	19.50 1.08 0.00	24.76 1.25 0.00	26.40 1.36 0.00	39.58 2.25 0.00	55.57 3.52 0.00	51.47 3.13 0.00	36.25 1.92 0.00	38.87 2.34 0.00	33.34 2.45 0.00	35.03 2.51 0.00	38.89 2.76 0.00	42.67 2.92 0.00	40.74 3.09 0.00	50.22 3.49 0.00	49.28 3.49 0.00	46.83 3.32 0.00	45.27 3.10 0.00	45.61 2.92 0.00	45.35 2.95 0.00	41.68 2.78 0.00	30.26 1.88 0.00
AST_ENERGY_2_CC3 323677	34.70 1.52 0.00	30.53 1.29 0.00	28.77 1.18 0.00	-114.15 0.82 133.39	24.42 0.91 0.01	26.03 0.99 0.01	39.08 1.75 0.00	55.12 3.08 0.00	51.11 2.77 0.00	35.95 1.62 0.00	38.53 2.00 0.00	33.06 2.17 0.00	34.70 2.18 0.00	38.47 2.34 0.00	42.25 2.51 0.00	40.41 2.77 0.00	49.81 3.07 0.00	48.95 3.17 0.00	46.52 3.00 0.00	44.99 2.82 0.00	45.32 2.63 0.00	45.03 2.62 0.00	41.33 2.42 0.00	29.99 1.61 0.00
AST_ENERGY_2_CC4 323678	34.70 1.52 0.00	30.53 1.29 0.00	28.77 1.18 0.00	-114.15 0.82 133.39	24.42 0.91 0.01	26.03 0.99 0.01	39.08 1.75 0.00	55.12 3.08 0.00	51.11 2.77 0.00	35.95 1.62 0.00	38.53 2.00 0.00	33.06 2.17 0.00	34.70 2.18 0.00	38.47 2.34 0.00	42.25 2.51 0.00	40.41 2.77 0.00	49.81 3.07 0.00	48.95 3.17 0.00	46.52 3.00 0.00	44.99 2.82 0.00	45.32 2.63 0.00	45.03 2.62 0.00	41.33 2.42 0.00	29.99 1.61 0.00

ATHENS_STG_1 23668	34.04 0.86 0.00	30.08 0.83 0.00	28.35 0.76 0.00	18.97 0.55 0.00	24.15 0.64 0.00	25.65 0.61 0.00	38.25 0.92 0.00	53.52 1.47 0.00	49.57 1.23 0.00	35.05 0.72 0.00	37.39 0.87 0.00	31.78 0.88 0.00	33.32 0.80 0.00	37.04 0.91 0.00	40.63 0.88 0.00	38.63 0.98 0.00	47.95 1.21 0.00	47.03 1.25 0.00	44.67 1.16 0.00	43.24 1.08 0.00	43.72 1.03 0.00	43.54 1.14 0.00	40.05 1.14 0.00	29.15 0.76 0.00
ATHENS_STG_2 23670	34.04 0.86 0.00	30.08 0.83 0.00	28.35 0.76 0.00	18.97 0.55 0.00	24.15 0.64 0.00	25.65 0.61 0.00	38.25 0.92 0.00	53.52 1.47 0.00	49.57 1.23 0.00	35.05 0.72 0.00	37.39 0.87 0.00	31.78 0.88 0.00	33.32 0.80 0.00	37.04 0.91 0.00	40.63 0.88 0.00	38.63 0.98 0.00	47.95 1.21 0.00	47.03 1.25 0.00	44.67 1.16 0.00	43.24 1.08 0.00	43.72 1.03 0.00	43.54 1.14 0.00	40.05 1.14 0.00	29.15 0.76 0.00
ATHENS_STG_3 23677	34.04 0.86 0.00	30.08 0.83 0.00	28.35 0.76 0.00	18.97 0.55 0.00	24.15 0.64 0.00	25.65 0.61 0.00	38.25 0.92 0.00	53.52 1.47 0.00	49.57 1.23 0.00	35.05 0.72 0.00	37.39 0.87 0.00	31.78 0.88 0.00	33.32 0.80 0.00	37.04 0.91 0.00	40.63 0.88 0.00	38.63 0.98 0.00	47.95 1.21 0.00	47.03 1.25 0.00	44.67 1.16 0.00	43.24 1.08 0.00	43.72 1.03 0.00	43.54 1.14 0.00	40.05 1.14 0.00	29.15 0.76 0.00
AUBURN___LFGE 323710	33.28 0.10 0.00	29.20 -0.05 0.00	27.61 0.03 0.00	18.42 0.00 0.00	23.54 0.02 0.00	25.10 0.05 0.00	37.36 0.03 0.00	51.96 -0.08 0.00	48.02 -0.32 0.00	33.89 -0.44 0.00	35.93 -0.60 0.00	30.76 -0.13 0.00	32.60 0.09 0.00	36.29 0.15 0.00	39.85 0.11 0.00	37.78 0.13 0.00	46.81 0.08 0.00	45.78 0.00 0.00	43.47 -0.04 0.00	42.17 0.00 0.00	42.76 0.07 0.00	42.41 0.00 0.00	38.80 -0.11 0.00	28.25 -0.13 0.00
BABYLON_RES_REC 323704	34.88 1.70 0.00	30.69 1.45 0.00	28.88 1.30 0.00	19.32 0.89 0.00	24.42 0.90 0.00	25.49 0.94 0.49	37.81 1.61 1.14	53.10 2.84 1.79	50.44 2.48 0.39	30.92 1.27 0.00	38.55 2.02 0.00	33.02 2.13 0.00	34.57 2.06 0.00	37.97 1.96 0.12	40.90 2.09 0.93	39.01 2.21 0.85	48.20 2.61 1.15	48.13 2.61 0.27	45.91 2.54 0.15	44.10 2.22 0.29	43.44 1.97 1.21	43.49 2.12 1.04	40.10 2.08 0.89	29.81 1.72 0.29
BALL_HILL_WT_PWR 323825	32.69 -0.49 0.00	28.63 -0.61 0.00	26.83 -0.76 0.00	17.65 -0.77 0.00	22.69 -0.82 0.00	24.25 -0.79 0.00	35.81 -1.52 0.00	49.32 -2.73 0.00	45.82 -2.53 0.00	32.95 -1.38 0.00	34.99 -1.54 0.00	30.70 -0.19 0.00	32.88 0.36 0.00	36.29 0.16 0.00	39.23 -0.51 0.00	36.67 -0.98 0.00	45.03 -1.71 0.00	43.06 -2.73 0.00	40.61 -2.90 0.00	39.64 -2.53 0.00	40.19 -2.49 0.00	39.84 -2.56 0.00	36.58 -2.33 0.00	26.88 -1.51 0.00
BARON_WINDS___WT_PWR 323822	32.98 -0.20 0.00	28.80 -0.45 0.00	27.10 -0.49 0.00	18.03 -0.39 0.00	23.04 -0.47 0.00	24.38 -0.67 0.00	36.25 -1.08 0.00	50.06 -1.98 0.00	46.22 -2.13 0.00	32.62 -1.72 0.00	34.21 -2.32 0.00	29.86 -1.03 0.00	31.91 -0.61 0.00	35.67 -0.47 0.00	39.11 -0.64 0.00	36.97 -0.67 0.00	45.51 -1.23 0.00	43.79 -1.99 0.00	41.52 -1.99 0.00	40.24 -1.93 0.00	40.71 -1.98 0.00	40.32 -2.09 0.00	36.87 -2.04 0.00	26.87 -1.51 0.00
BARRETT_IC_1 23704	34.80 1.62 0.00	30.62 1.38 0.00	28.81 1.23 0.00	19.27 0.85 0.00	24.40 0.89 0.00	25.97 0.93 0.00	38.76 1.43 0.00	54.55 2.50 0.00	50.38 2.03 0.00	30.39 1.03 4.97	38.50 1.97 0.00	33.04 2.15 0.00	34.59 2.07 0.00	38.11 1.98 0.00	41.91 2.17 0.00	40.07 2.43 0.00	49.46 2.72 0.00	48.61 2.83 0.00	46.26 2.74 -0.01	44.60 2.43 0.00	44.85 2.17 0.00	44.66 2.26 0.00	41.23 2.32 0.00	29.99 1.61 0.00
BARRETT_IC_10 23701	34.80 1.62 0.00	30.62 1.38 0.00	28.81 1.23 0.00	19.27 0.85 0.00	24.40 0.89 0.00	25.97 0.93 0.00	38.76 1.43 0.00	54.55 2.50 0.00	50.38 2.03 0.00	30.39 1.03 4.97	38.50 1.97 0.00	33.04 2.15 0.00	34.59 2.07 0.00	38.11 1.98 0.00	41.91 2.17 0.00	40.07 2.43 0.00	49.46 2.72 0.00	48.61 2.83 0.00	46.26 2.74 -0.01	44.60 2.43 0.00	44.85 2.17 0.00	44.66 2.26 0.00	41.23 2.32 0.00	29.99 1.61 0.00
BARRETT_IC_11 23702	34.80 1.62 0.00	30.62 1.38 0.00	28.81 1.23 0.00	19.27 0.85 0.00	24.40 0.89 0.00	25.97 0.93 0.00	38.76 1.43 0.00	54.55 2.50 0.00	50.38 2.03 0.00	30.39 1.03 4.97	38.50 1.97 0.00	33.04 2.15 0.00	34.59 2.07 0.00	38.11 1.98 0.00	41.91 2.17 0.00	40.07 2.43 0.00	49.46 2.72 0.00	48.61 2.83 0.00	46.26 2.74 -0.01	44.60 2.43 0.00	44.85 2.17 0.00	44.66 2.26 0.00	41.23 2.32 0.00	29.99 1.61 0.00
BARRETT_IC_12 23703	34.80 1.62 0.00	30.62 1.38 0.00	28.81 1.23 0.00	19.27 0.85 0.00	24.40 0.89 0.00	25.97 0.93 0.00	38.76 1.43 0.00	54.55 2.50 0.00	50.38 2.03 0.00	30.39 1.03 4.97	38.50 1.97 0.00	33.04 2.15 0.00	34.59 2.07 0.00	38.11 1.98 0.00	41.91 2.17 0.00	40.07 2.43 0.00	49.46 2.72 0.00	48.61 2.83 0.00	46.26 2.74 -0.01	44.60 2.43 0.00	44.85 2.17 0.00	44.66 2.26 0.00	41.23 2.32 0.00	29.99 1.61 0.00
BARRETT_IC_2 23705	34.80 1.62 0.00	30.62 1.38 0.00	28.81 1.23 0.00	19.27 0.85 0.00	24.40 0.89 0.00	25.97 0.93 0.00	38.76 1.43 0.00	54.55 2.50 0.00	50.38 2.03 0.00	30.39 1.03 4.97	38.50 1.97 0.00	33.04 2.15 0.00	34.59 2.07 0.00	38.11 1.98 0.00	41.91 2.17 0.00	40.07 2.43 0.00	49.46 2.72 0.00	48.61 2.83 0.00	46.26 2.74 -0.01	44.60 2.43 0.00	44.85 2.17 0.00	44.66 2.26 0.00	41.23 2.32 0.00	29.99 1.61 0.00
BARRETT_IC_3 23706	34.80 1.62 0.00	30.62 1.38 0.00	28.81 1.23 0.00	19.27 0.85 0.00	24.40 0.89 0.00	25.97 0.93 0.00	38.76 1.43 0.00	54.55 2.50 0.00	50.38 2.03 0.00	30.39 1.03 4.97	38.50 1.97 0.00	33.04 2.15 0.00	34.59 2.07 0.00	38.11 1.98 0.00	41.91 2.17 0.00	40.07 2.43 0.00	49.46 2.72 0.00	48.61 2.83 0.00	46.26 2.74 -0.01	44.60 2.43 0.00	44.85 2.17 0.00	44.66 2.26 0.00	41.23 2.32 0.00	29.99 1.61 0.00
BARRETT_IC_4 23707	34.80 1.62 0.00	30.62 1.38 0.00	28.81 1.23 0.00	19.27 0.85 0.00	24.40 0.89 0.00	25.97 0.93 0.00	38.76 1.43 0.00	54.55 2.50 0.00	50.38 2.03 0.00	30.39 1.03 4.97	38.50 1.97 0.00	33.04 2.15 0.00	34.59 2.07 0.00	38.11 1.98 0.00	41.91 2.17 0.00	40.07 2.43 0.00	49.46 2.72 0.00	48.61 2.83 0.00	46.26 2.74 -0.01	44.60 2.43 0.00	44.85 2.17 0.00	44.66 2.26 0.00	41.23 2.32 0.00	29.99 1.61 0.00
BARRETT_IC_5 23708	34.80 1.62 0.00	30.62 1.38 0.00	28.81 1.23 0.00	19.27 0.85 0.00	24.40 0.89 0.00	25.97 0.93 0.00	38.76 1.43 0.00	54.55 2.50 0.00	50.38 2.03 0.00	30.39 1.03 4.97	38.50 1.97 0.00	33.04 2.15 0.00	34.59 2.07 0.00	38.11 1.98 0.00	41.91 2.17 0.00	40.07 2.43 0.00	49.46 2.72 0.00	48.61 2.83 0.00	46.26 2.74 -0.01	44.60 2.43 0.00	44.85 2.17 0.00	44.66 2.26 0.00	41.23 2.32 0.00	29.99 1.61 0.00

BARRETT_IC_6 23709	34.80 1.62 0.00	30.62 1.38 0.00	28.81 1.23 0.00	19.27 0.85 0.00	24.40 0.89 0.00	25.97 0.93 0.00	38.76 1.43 0.00	54.55 2.50 0.00	50.38 2.03 0.00	30.39 1.03 4.97	38.50 1.97 0.00	33.04 2.15 0.00	34.59 2.07 0.00	38.11 1.98 0.00	41.91 2.17 0.00	40.07 2.43 0.00	49.46 2.72 0.00	48.61 2.83 0.00	46.26 2.74 -0.01	44.60 2.43 0.00	44.85 2.17 0.00	44.66 2.26 0.00	41.23 2.32 0.00	29.99 1.61 0.00
BARRETT_IC_7 23710	34.80 1.62 0.00	30.62 1.38 0.00	28.82 1.23 0.00	19.27 0.85 0.00	24.40 0.89 0.00	25.97 0.93 0.00	38.76 1.43 0.00	54.54 2.50 0.00	50.37 2.03 0.00	30.38 1.02 4.97	38.50 1.97 0.00	33.04 2.15 0.00	34.59 2.07 0.00	38.10 1.97 0.00	41.90 2.16 0.00	40.08 2.43 0.00	49.45 2.72 0.00	48.61 2.82 0.00	46.26 2.73 -0.01	44.60 2.43 0.00	44.85 2.17 0.00	44.66 2.26 0.00	41.22 2.31 0.00	29.99 1.61 0.00
BARRETT_IC_8 23711	34.80 1.62 0.00	30.62 1.38 0.00	28.81 1.23 0.00	19.27 0.85 0.00	24.40 0.89 0.00	25.97 0.93 0.00	38.76 1.43 0.00	54.55 2.50 0.00	50.38 2.03 0.00	30.39 1.03 4.97	38.50 1.97 0.00	33.04 2.15 0.00	34.59 2.07 0.00	38.11 1.98 0.00	41.91 2.17 0.00	40.07 2.43 0.00	49.46 2.72 0.00	48.61 2.83 0.00	46.26 2.74 -0.01	44.60 2.43 0.00	44.85 2.17 0.00	44.66 2.26 0.00	41.23 2.32 0.00	29.99 1.61 0.00
BARRETT_IC_9 23700	34.80 1.62 0.00	30.62 1.38 0.00	28.81 1.23 0.00	19.27 0.85 0.00	24.40 0.89 0.00	25.97 0.93 0.00	38.76 1.43 0.00	54.55 2.50 0.00	50.38 2.03 0.00	30.39 1.03 4.97	38.50 1.97 0.00	33.04 2.15 0.00	34.59 2.07 0.00	38.11 1.98 0.00	41.91 2.17 0.00	40.07 2.43 0.00	49.46 2.72 0.00	48.61 2.83 0.00	46.26 2.74 -0.01	44.60 2.43 0.00	44.85 2.17 0.00	44.66 2.26 0.00	41.23 2.32 0.00	29.99 1.61 0.00
BARRETT___1 23545	34.80 1.62 0.00	30.62 1.38 0.00	28.81 1.23 0.00	19.27 0.85 0.00	24.40 0.89 0.00	25.97 0.93 0.00	38.76 1.43 0.00	54.55 2.50 0.00	50.38 2.03 0.00	30.39 1.03 4.97	38.50 1.97 0.00	33.04 2.15 0.00	34.59 2.07 0.00	38.11 1.98 0.00	41.91 2.17 0.00	40.07 2.43 0.00	49.46 2.72 0.00	48.61 2.83 0.00	46.26 2.74 -0.01	44.60 2.43 0.00	44.85 2.17 0.00	44.66 2.26 0.00	41.23 2.32 0.00	29.99 1.61 0.00
BARRETT___2 23546	34.80 1.62 0.00	30.62 1.38 0.00	28.81 1.23 0.00	19.27 0.85 0.00	24.40 0.89 0.00	25.97 0.93 0.00	38.76 1.43 0.00	54.55 2.50 0.00	50.38 2.03 0.00	30.39 1.03 4.97	38.50 1.97 0.00	33.04 2.15 0.00	34.59 2.07 0.00	38.11 1.98 0.00	41.91 2.17 0.00	40.07 2.43 0.00	49.46 2.72 0.00	48.61 2.83 0.00	46.26 2.74 -0.01	44.60 2.43 0.00	44.85 2.17 0.00	44.66 2.26 0.00	41.23 2.32 0.00	29.99 1.61 0.00
BATAVIA___115KV_TB1 55881	33.36 0.18 0.00	29.00 -0.24 0.00	27.29 -0.29 0.00	18.03 -0.40 0.00	23.09 -0.42 0.00	24.81 -0.23 0.00	36.67 -0.66 0.00	50.71 -1.34 0.00	47.29 -1.05 0.00	33.94 -0.39 0.00	35.87 -0.66 0.00	31.19 0.29 0.00	33.19 0.67 0.00	36.63 0.50 0.00	39.99 0.25 0.00	37.71 0.06 0.00	46.63 -0.11 0.00	44.85 -0.93 0.00	42.33 -1.18 0.00	41.27 -0.90 0.00	41.73 -0.95 0.00	41.33 -1.07 0.00	37.75 -1.16 0.00	27.44 -0.94 0.00
BAYONEEC___CTG1 323682	35.08 1.90 0.00	30.86 1.61 0.00	29.07 1.48 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.30 0.00	39.53 2.20 0.00	55.52 3.48 0.00	51.41 3.07 0.00	36.21 1.88 0.00	38.78 2.25 0.00	33.27 2.37 0.00	34.95 2.43 0.00	38.83 2.70 0.00	42.57 2.82 0.00	40.66 3.01 0.00	50.22 3.48 0.00	49.25 3.46 0.00	46.81 3.29 0.00	45.24 3.07 0.00	45.59 2.90 0.00	45.28 2.88 0.00	41.61 2.70 0.00	30.20 1.82 0.00
BAYONEEC___CTG10 323750	35.08 1.90 0.00	30.86 1.61 0.00	29.07 1.48 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.30 0.00	39.53 2.20 0.00	55.52 3.48 0.00	51.41 3.07 0.00	36.21 1.88 0.00	38.78 2.25 0.00	33.27 2.37 0.00	34.95 2.43 0.00	38.83 2.70 0.00	42.57 2.82 0.00	40.66 3.01 0.00	50.22 3.48 0.00	49.25 3.46 0.00	46.81 3.29 0.00	45.24 3.07 0.00	45.59 2.90 0.00	45.28 2.88 0.00	41.61 2.70 0.00	30.20 1.82 0.00
BAYONEEC___CTG2 323683	35.08 1.90 0.00	30.86 1.61 0.00	29.07 1.48 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.30 0.00	39.53 2.20 0.00	55.52 3.48 0.00	51.41 3.07 0.00	36.21 1.88 0.00	38.78 2.25 0.00	33.27 2.37 0.00	34.95 2.43 0.00	38.83 2.70 0.00	42.57 2.82 0.00	40.66 3.01 0.00	50.22 3.48 0.00	49.25 3.46 0.00	46.81 3.29 0.00	45.24 3.07 0.00	45.59 2.90 0.00	45.28 2.88 0.00	41.61 2.70 0.00	30.20 1.82 0.00
BAYONEEC___CTG3 323684	35.08 1.90 0.00	30.86 1.61 0.00	29.07 1.48 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.30 0.00	39.53 2.20 0.00	55.52 3.48 0.00	51.41 3.07 0.00	36.21 1.88 0.00	38.78 2.25 0.00	33.27 2.37 0.00	34.95 2.43 0.00	38.83 2.70 0.00	42.57 2.82 0.00	40.66 3.01 0.00	50.22 3.48 0.00	49.25 3.46 0.00	46.81 3.29 0.00	45.24 3.07 0.00	45.59 2.90 0.00	45.28 2.88 0.00	41.61 2.70 0.00	30.20 1.82 0.00
BAYONEEC___CTG4 323685	35.08 1.90 0.00	30.86 1.61 0.00	29.07 1.48 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.30 0.00	39.53 2.20 0.00	55.52 3.48 0.00	51.41 3.07 0.00	36.21 1.88 0.00	38.78 2.25 0.00	33.27 2.37 0.00	34.95 2.43 0.00	38.83 2.70 0.00	42.57 2.82 0.00	40.66 3.01 0.00	50.22 3.48 0.00	49.25 3.46 0.00	46.81 3.29 0.00	45.24 3.07 0.00	45.59 2.90 0.00	45.28 2.88 0.00	41.61 2.70 0.00	30.20 1.82 0.00
BAYONEEC___CTG5 323686	35.08 1.90 0.00	30.86 1.61 0.00	29.07 1.48 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.30 0.00	39.53 2.20 0.00	55.52 3.48 0.00	51.41 3.07 0.00	36.21 1.88 0.00	38.78 2.25 0.00	33.27 2.37 0.00	34.95 2.43 0.00	38.83 2.70 0.00	42.57 2.82 0.00	40.66 3.01 0.00	50.22 3.48 0.00	49.25 3.46 0.00	46.81 3.29 0.00	45.24 3.07 0.00	45.59 2.90 0.00	45.28 2.88 0.00	41.61 2.70 0.00	30.20 1.82 0.00
BAYONEEC___CTG6 323687	35.08 1.90 0.00	30.86 1.61 0.00	29.07 1.48 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.30 0.00	39.53 2.20 0.00	55.52 3.48 0.00	51.41 3.07 0.00	36.21 1.88 0.00	38.78 2.25 0.00	33.27 2.37 0.00	34.95 2.43 0.00	38.83 2.70 0.00	42.57 2.82 0.00	40.66 3.01 0.00	50.22 3.48 0.00	49.25 3.46 0.00	46.81 3.29 0.00	45.24 3.07 0.00	45.59 2.90 0.00	45.28 2.88 0.00	41.61 2.70 0.00	30.20 1.82 0.00
BAYONEEC___CTG7 323688	35.08 1.90 0.00	30.86 1.61 0.00	29.07 1.48 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.30 0.00	39.53 2.20 0.00	55.52 3.48 0.00	51.41 3.07 0.00	36.21 1.88 0.00	38.78 2.25 0.00	33.27 2.37 0.00	34.95 2.43 0.00	38.83 2.70 0.00	42.57 2.82 0.00	40.66 3.01 0.00	50.22 3.48 0.00	49.25 3.46 0.00	46.81 3.29 0.00	45.24 3.07 0.00	45.59 2.90 0.00	45.28 2.88 0.00	41.61 2.70 0.00	30.20 1.82 0.00

BAYONEEC___CTG8 323689	35.08 1.90 0.00	30.86 1.61 0.00	29.07 1.48 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.30 0.00	39.53 2.20 0.00	55.52 3.48 0.00	51.41 3.07 0.00	36.21 1.88 0.00	38.78 2.25 0.00	33.27 2.37 0.00	34.95 2.43 0.00	38.83 2.70 0.00	42.57 2.82 0.00	40.66 3.01 0.00	50.22 3.48 0.00	49.25 3.46 0.00	46.81 3.29 0.00	45.24 3.07 0.00	45.59 2.90 0.00	45.28 2.88 0.00	41.61 2.70 0.00	30.20 1.82 0.00
BAYONEEC___CTG9 323749	35.08 1.90 0.00	30.86 1.61 0.00	29.07 1.48 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.30 0.00	39.53 2.20 0.00	55.52 3.48 0.00	51.41 3.07 0.00	36.21 1.88 0.00	38.78 2.25 0.00	33.27 2.37 0.00	34.95 2.43 0.00	38.83 2.70 0.00	42.57 2.82 0.00	40.66 3.01 0.00	50.22 3.48 0.00	49.25 3.46 0.00	46.81 3.29 0.00	45.24 3.07 0.00	45.59 2.90 0.00	45.28 2.88 0.00	41.61 2.70 0.00	30.20 1.82 0.00
BEACON___LESR 323632	33.63 0.45 0.00	29.69 0.44 0.00	28.00 0.42 0.00	18.77 0.35 0.00	21.19 0.44 2.77	25.00 0.49 0.53	38.06 0.72 0.00	51.96 1.09 1.18	49.10 0.86 0.10	18.26 0.54 16.61	27.08 0.54 9.99	31.30 0.40 0.00	32.76 0.24 0.00	36.52 0.39 0.00	39.88 0.14 0.00	38.04 0.40 0.00	47.36 0.62 0.00	46.37 0.59 0.00	44.02 0.50 0.00	42.47 0.46 0.17	39.57 0.39 3.51	40.75 0.38 2.03	34.27 0.44 5.08	24.69 0.36 4.06
BEAVER RIVER___HYD 24048	33.46 0.28 0.00	29.80 0.56 0.00	28.12 0.53 0.00	18.68 0.26 0.00	23.98 0.47 0.00	25.59 0.55 0.00	38.05 0.72 0.00	53.24 1.20 0.00	48.30 -0.05 0.00	34.33 0.00 0.00	37.23 0.71 0.00	31.34 0.45 0.00	33.23 0.13 -0.58	37.10 0.37 -0.60	40.54 0.80 0.00	38.44 0.80 0.00	47.43 0.70 0.00	47.13 1.34 0.00	44.74 1.22 0.00	43.50 1.33 0.00	43.91 1.22 0.00	43.19 0.78 0.00	39.27 0.36 0.00	28.72 0.34 0.00
BEEBEE_GT_13 23619	32.99 -0.19 0.00	28.84 -0.40 0.00	27.17 -0.42 0.00	18.03 -0.39 0.00	23.08 -0.43 0.00	24.72 -0.32 0.00	36.75 -0.58 0.00	51.04 -1.01 0.00	47.47 -0.88 0.00	33.89 -0.44 0.00	35.99 -0.53 0.00	31.01 0.12 0.00	32.94 0.43 0.00	36.53 0.40 0.00	39.85 0.10 0.00	37.63 -0.02 0.00	46.54 -0.20 0.00	45.13 -0.65 0.00	42.70 -0.81 0.00	41.54 -0.63 0.00	42.02 -0.67 0.00	41.58 -0.82 0.00	38.01 -0.89 0.00	27.66 -0.72 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.38 2.20 0.00	31.11 1.87 0.00	29.31 1.73 0.00	19.61 1.19 0.00	24.91 1.40 0.00	26.56 1.52 0.00	39.88 2.54 0.00	55.99 3.94 0.00	51.88 3.54 0.00	36.50 2.17 0.00	39.10 2.58 0.00	33.53 2.63 0.00	35.23 2.71 0.00	39.14 3.00 0.00	42.93 3.19 0.00	40.96 3.32 0.00	50.56 3.82 0.00	49.63 3.85 0.00	47.18 3.67 0.00	45.64 3.47 0.00	45.97 3.28 0.00	45.72 3.31 0.00	42.00 3.09 0.00	30.47 2.09 0.00
BETHLEHEM___GRP 23843	33.14 -0.04 0.00	29.30 0.06 0.00	27.62 0.03 0.00	18.50 0.07 0.00	21.05 0.08 2.54	24.66 0.10 0.49	37.30 -0.03 0.00	50.86 -0.11 1.08	48.09 -0.16 0.10	19.03 -0.09 15.21	27.29 -0.08 9.15	30.82 -0.07 0.00	32.19 -0.32 0.00	35.82 -0.31 0.00	39.25 -0.50 0.00	37.23 -0.41 0.00	46.33 -0.40 0.00	45.51 -0.27 0.00	43.27 -0.24 0.00	41.75 -0.27 0.15	39.15 -0.30 3.23	40.24 -0.30 1.86	34.04 -0.20 4.67	24.57 -0.08 3.73
BETHLEHEM___GS1 323560	33.14 -0.04 0.00	29.30 0.06 0.00	27.62 0.03 0.00	18.50 0.07 0.00	21.05 0.08 2.54	24.66 0.10 0.49	37.30 -0.03 0.00	50.86 -0.11 1.08	48.09 -0.16 0.10	19.03 -0.09 15.21	27.29 -0.08 9.15	30.83 -0.06 0.00	32.19 -0.32 0.00	35.82 -0.31 0.00	39.25 -0.49 0.00	37.23 -0.41 0.00	46.33 -0.40 0.00	45.51 -0.27 0.00	43.27 -0.24 0.00	41.75 -0.26 0.15	39.15 -0.31 3.23	40.24 -0.30 1.86	34.03 -0.20 4.67	24.57 -0.08 3.73
BETHLEHEM___GS2 323561	33.14 -0.04 0.00	29.30 0.06 0.00	27.62 0.03 0.00	18.50 0.07 0.00	21.05 0.08 2.54	24.66 0.10 0.49	37.30 -0.03 0.00	50.86 -0.11 1.08	48.09 -0.16 0.10	19.03 -0.09 15.21	27.29 -0.08 9.15	30.83 -0.06 0.00	32.19 -0.32 0.00	35.82 -0.31 0.00	39.25 -0.49 0.00	37.23 -0.41 0.00	46.33 -0.40 0.00	45.51 -0.27 0.00	43.27 -0.24 0.00	41.75 -0.26 0.15	39.15 -0.31 3.23	40.24 -0.30 1.86	34.03 -0.20 4.67	24.57 -0.08 3.73
BETHLEHEM___GS3 323562	33.14 -0.04 0.00	29.30 0.06 0.00	27.62 0.03 0.00	18.50 0.07 0.00	21.05 0.08 2.54	24.66 0.10 0.49	37.30 -0.03 0.00	50.86 -0.11 1.08	48.09 -0.16 0.10	19.03 -0.09 15.21	27.29 -0.08 9.15	30.83 -0.06 0.00	32.19 -0.32 0.00	35.82 -0.31 0.00	39.25 -0.49 0.00	37.23 -0.41 0.00	46.33 -0.40 0.00	45.51 -0.27 0.00	43.27 -0.24 0.00	41.75 -0.26 0.15	39.15 -0.31 3.23	40.24 -0.30 1.86	34.03 -0.20 4.67	24.57 -0.08 3.73
BETHLEHEM___STEEL 23779	32.80 -0.38 0.00	28.52 -0.72 0.00	26.84 -0.75 0.00	17.68 -0.74 0.00	22.65 -0.86 0.00	24.27 -0.77 0.00	35.77 -1.56 0.00	49.26 -2.79 0.00	45.93 -2.41 0.00	33.11 -1.22 0.00	35.02 -1.51 0.00	30.66 -0.23 0.00	32.86 0.34 0.00	36.38 0.25 0.00	39.39 -0.35 0.00	36.99 -0.66 0.00	45.48 -1.26 0.00	43.49 -2.29 0.00	40.97 -2.55 0.00	39.91 -2.26 0.00	40.47 -2.22 0.00	40.04 -2.36 0.00	36.66 -2.25 0.00	26.75 -1.64 0.00
BETHLHEM_115KV_TB1 79974	33.26 0.08 0.00	29.41 0.17 0.00	27.73 0.14 0.00	18.56 0.14 0.00	21.32 0.16 2.36	24.77 0.18 0.45	37.43 0.10 0.00	51.16 0.11 1.00	48.29 0.03 0.09	20.22 0.02 14.14	28.08 0.05 8.50	30.95 0.06 0.00	32.34 -0.18 0.00	35.98 -0.15 0.00	39.42 -0.33 0.00	37.42 -0.22 0.00	46.52 -0.22 0.00	45.70 -0.09 0.00	43.43 -0.08 0.00	41.92 -0.11 0.14	39.54 -0.15 3.00	40.54 -0.13 1.73	34.51 -0.05 4.35	24.93 0.02 3.47
BETHPAGE_CC_5 323564	34.79 1.61 0.00	30.66 1.41 0.00	28.84 1.26 0.00	19.29 0.87 0.00	24.38 0.87 0.00	25.94 0.90 0.00	38.88 1.55 0.00	54.79 2.74 0.00	50.72 2.37 0.00	31.75 1.23 3.81	38.49 1.96 0.00	32.93 2.04 0.00	34.56 2.04 0.00	38.12 1.99 0.01	41.90 2.16 0.01	40.09 2.45 0.00	49.65 2.91 0.00	48.86 3.08 0.00	46.51 2.98 -0.01	44.85 2.68 0.00	45.13 2.44 0.00	44.86 2.46 0.00	41.22 2.31 0.00	30.02 1.64 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.86 -0.32 0.00	28.58 -0.67 0.00	26.89 -0.70 0.00	17.72 -0.71 0.00	22.68 -0.83 0.00	24.31 -0.73 0.00	35.83 -1.50 0.00	49.37 -2.67 0.00	46.06 -2.29 0.00	33.18 -1.16 0.00	35.09 -1.44 0.00	30.72 -0.17 0.00	32.92 0.40 0.00	36.45 0.32 0.00	39.48 -0.26 0.00	37.06 -0.58 0.00	45.59 -1.14 0.00	43.63 -2.16 0.00	41.11 -2.40 0.00	40.04 -2.13 0.00	40.60 -2.09 0.00	40.15 -2.25 0.00	36.73 -2.18 0.00	26.80 -1.58 0.00
BINGHAMTON___COGEN 23790	33.43 0.25 0.00	29.45 0.21 0.00	27.77 0.18 0.00	18.50 0.07 0.00	23.64 0.13 0.00	25.13 0.09 0.00	37.53 0.20 0.00	52.19 0.14 0.00	48.21 -0.14 0.00	34.14 -0.19 0.00	36.20 -0.32 0.00	31.16 0.27 0.00	32.95 0.44 0.00	36.61 0.48 0.00	40.12 0.37 0.00	38.02 0.37 0.00	47.04 0.31 0.00	45.87 0.09 0.00	43.53 0.01 0.00	42.27 0.10 0.00	42.83 0.14 0.00	42.45 0.05 0.00	38.92 0.01 0.00	28.34 -0.04 0.00

BIXINCNT_115KV_LOAD 355685	33.18 0.00 0.00	28.91 -0.34 0.00	27.31 -0.27 0.00	17.92 -0.51 0.00	22.78 -0.74 0.00	24.42 -0.63 0.00	35.56 -1.77 0.00	49.23 -2.81 0.00	46.07 -2.27 0.00	33.07 -1.26 0.00	34.77 -1.76 0.00	30.63 -0.26 0.00	32.80 0.28 0.00	36.54 0.40 0.00	39.56 -0.19 0.00	36.93 -0.71 0.00	45.41 -1.33 0.00	43.86 -1.93 0.00	41.43 -2.08 0.00	40.30 -1.87 0.00	40.81 -1.88 0.00	39.99 -2.41 0.00	36.33 -2.58 0.00	26.55 -1.83 0.00
BLACK RIVER___HYD 24047	33.44 0.26 0.00	29.82 0.58 0.00	28.14 0.56 0.00	18.68 0.25 0.00	23.99 0.48 0.00	25.62 0.58 0.00	38.15 0.82 0.00	53.45 1.40 0.00	48.35 0.00 0.00	34.28 -0.06 0.00	37.31 0.78 0.00	31.44 0.55 0.00	33.10 0.18 -0.40	36.89 0.35 -0.41	40.65 0.90 0.00	38.61 0.97 0.00	47.54 0.81 0.00	47.65 1.86 0.00	45.13 1.62 0.00	43.85 1.68 0.00	44.21 1.52 0.00	43.21 0.80 0.00	39.21 0.30 0.00	28.66 0.28 0.00
BLACKRVR_115KV_TB2 79977	33.44 0.26 0.00	29.83 0.58 0.00	28.14 0.56 0.00	18.68 0.25 0.00	23.99 0.48 0.00	25.62 0.58 0.00	38.15 0.82 0.00	53.45 1.41 0.00	48.35 0.00 0.00	34.28 -0.06 0.00	37.31 0.78 0.00	31.44 0.55 0.00	33.10 0.18 -0.40	36.89 0.35 -0.41	40.65 0.90 0.00	38.61 0.97 0.00	47.54 0.81 0.00	47.65 1.86 0.00	45.13 1.62 0.00	43.85 1.68 0.00	44.21 1.52 0.00	43.21 0.80 0.00	39.21 0.30 0.00	28.66 0.28 0.00
BLDWN_LI_69_KV_BK4 356085	35.01 1.82 0.00	30.80 1.56 0.00	28.98 1.40 0.00	19.38 0.96 0.00	24.54 1.03 0.00	26.13 1.08 0.00	39.11 1.78 0.00	55.08 3.04 0.00	50.94 2.59 0.00	32.42 1.38 3.29	38.67 2.15 0.00	33.15 2.26 0.00	34.74 2.22 0.00	38.33 2.20 0.00	42.15 2.40 0.00	40.32 2.68 0.00	49.90 3.16 0.00	49.12 3.33 0.00	46.77 3.25 -0.01	45.10 2.94 0.00	45.39 2.70 0.00	45.12 2.72 0.00	41.50 2.59 0.00	30.19 1.81 0.00
BLISS_WT_PWR 323608	33.17 -0.01 0.00	28.91 -0.34 0.00	27.33 -0.26 0.00	17.90 -0.52 0.00	22.70 -0.81 0.00	24.35 -0.69 0.00	35.34 -1.99 0.00	48.91 -3.13 0.00	45.86 -2.49 0.00	32.92 -1.41 0.00	34.54 -1.99 0.00	30.47 -0.42 0.00	32.65 0.13 0.00	36.42 0.29 0.00	39.43 -0.32 0.00	36.75 -0.89 0.00	45.18 -1.55 0.00	43.73 -2.06 0.00	41.33 -2.19 0.00	40.17 -2.00 0.00	40.65 -2.04 0.00	39.73 -2.67 0.00	36.01 -2.90 0.00	26.33 -2.05 0.00
BLUESTONE___WT_PWR 323821	34.38 1.20 0.00	30.56 1.32 0.00	28.79 1.20 0.00	19.14 0.72 0.00	24.53 1.02 0.00	26.15 1.10 0.00	38.74 1.41 0.00	53.75 1.71 0.00	48.91 0.56 0.00	34.76 0.43 0.00	36.18 -0.34 0.00	31.02 0.13 0.00	32.70 0.19 0.00	36.83 0.70 0.00	40.32 0.58 0.00	38.44 0.80 0.00	47.75 1.01 0.00	46.56 0.78 0.00	43.99 0.48 0.00	42.69 0.52 0.00	43.11 0.42 0.00	42.26 -0.14 0.00	39.13 0.23 0.00	28.41 0.02 0.00
BLUE_CIRC_CHEM_DRP 24182	33.73 0.56 0.00	29.83 0.58 0.00	28.12 0.53 0.00	18.82 0.39 0.00	22.59 0.49 1.42	25.27 0.50 0.27	37.93 0.60 0.00	52.28 0.83 0.60	48.95 0.66 0.05	26.24 0.41 8.51	31.75 0.34 5.12	31.17 0.28 0.00	32.53 0.02 0.00	36.22 0.09 0.00	39.72 -0.03 0.00	37.75 0.11 0.00	47.01 0.27 0.00	46.16 0.38 0.00	43.88 0.37 0.00	42.40 0.33 0.10	40.86 0.33 2.15	41.49 0.33 1.24	36.15 0.36 3.12	26.20 0.31 2.49
BOC_GAS_DRP 24189	33.61 0.43 0.00	29.72 0.47 0.00	28.02 0.43 0.00	18.74 0.32 0.00	22.54 0.38 1.35	25.16 0.38 0.26	37.80 0.47 0.00	52.18 0.71 0.58	48.84 0.55 0.05	26.53 0.33 8.14	32.02 0.39 4.89	31.29 0.40 0.00	32.76 0.24 0.00	36.43 0.30 0.00	39.93 0.19 0.00	37.90 0.26 0.00	47.07 0.33 0.00	46.17 0.39 0.00	43.87 0.35 0.00	42.41 0.32 0.08	41.25 0.31 1.75	41.73 0.34 1.01	36.76 0.38 2.53	26.65 0.29 2.02
BOONVILLE_115KV_TB1 79983	33.75 0.58 0.00	29.92 0.68 0.00	28.20 0.61 0.00	18.80 0.37 0.00	24.05 0.54 0.00	25.69 0.65 0.00	38.31 0.98 0.00	53.49 1.45 0.00	49.06 0.71 0.00	34.79 0.45 0.00	37.30 0.77 0.00	31.42 0.53 0.00	33.26 0.51 -0.23	37.12 0.76 -0.24	40.79 1.04 0.00	38.65 1.01 0.00	48.02 1.28 0.00	47.36 1.58 0.00	44.91 1.39 0.00	43.56 1.40 0.00	43.93 1.24 0.00	43.34 0.94 0.00	39.54 0.63 0.00	28.88 0.50 0.00
BORALEX_4TH_BRANCH 23824	34.42 1.24 0.00	30.35 1.10 0.00	28.63 1.05 0.00	19.18 0.76 0.00	29.10 1.04 -4.55	26.96 1.05 -0.87	38.62 1.29 0.00	55.77 1.79 -1.93	50.19 1.67 -0.17	62.91 1.39 -27.19	54.24 1.37 -16.35	31.91 1.02 0.00	33.12 0.61 0.00	36.76 0.63 0.00	40.05 0.30 0.00	37.91 0.27 0.00	47.56 0.82 0.00	46.98 1.20 0.00	44.87 1.35 0.00	43.78 1.33 -0.28	49.96 1.41 -5.87	47.15 1.36 -3.38	48.71 1.31 -8.49	36.23 1.07 -6.78
BOWLINE___1 23526	34.74 1.56 0.00	30.57 1.33 0.00	28.83 1.24 0.00	19.30 0.87 0.00	24.53 1.02 0.00	26.14 1.10 0.00	39.19 1.85 0.00	55.06 3.01 0.00	50.90 2.56 0.00	35.80 1.47 0.00	38.29 1.77 0.00	32.79 1.90 0.00	34.48 1.96 0.00	38.32 2.19 0.00	42.04 2.29 0.00	40.11 2.47 0.00	49.65 2.91 0.00	48.70 2.92 0.00	46.32 2.81 0.00	44.78 2.61 0.00	45.16 2.47 0.00	44.86 2.46 0.00	41.24 2.33 0.00	29.95 1.56 0.00
BOWLINE___2 23595	34.73 1.55 0.00	30.57 1.33 0.00	28.82 1.23 0.00	19.29 0.87 0.00	24.52 1.01 0.00	26.13 1.09 0.00	39.18 1.85 0.00	55.05 3.00 0.00	50.90 2.55 0.00	35.79 1.46 0.00	38.28 1.76 0.00	32.79 1.90 0.00	34.47 1.95 0.00	38.30 2.17 0.00	42.02 2.27 0.00	40.10 2.46 0.00	49.62 2.89 0.00	48.68 2.90 0.00	46.30 2.78 0.00	44.76 2.59 0.00	45.15 2.46 0.00	44.85 2.45 0.00	41.23 2.32 0.00	29.94 1.55 0.00
BRADY___115KV_TB2 356060	34.04 0.86 0.00	29.95 0.71 0.00	28.28 0.69 0.00	18.87 0.45 0.00	24.13 0.62 0.00	25.77 0.73 0.00	38.40 1.06 0.00	53.54 1.50 0.00	49.58 1.23 0.00	35.38 1.05 0.00	37.73 1.21 0.00	31.68 0.79 0.00	33.68 0.54 -0.62	37.30 0.53 -0.63	40.53 0.78 0.00	38.16 0.52 0.00	47.24 0.50 0.00	46.43 0.64 0.00	44.54 1.03 0.00	43.26 1.09 0.00	43.96 1.27 0.00	43.63 1.23 0.00	39.97 1.07 0.00	29.18 0.80 0.00
BRANSCOMB___SOLAR 323811	34.43 1.25 0.00	30.40 1.16 0.00	28.66 1.07 0.00	19.18 0.76 0.00	27.58 1.01 -3.06	26.71 1.08 -0.59	38.92 1.59 0.00	55.67 2.32 -1.30	50.51 2.05 -0.12	54.05 1.43 -18.28	48.98 1.46 -10.99	32.05 1.16 0.00	33.28 0.76 0.00	36.90 0.77 0.00	40.43 0.68 0.00	38.36 0.71 0.00	48.23 1.49 0.00	47.72 1.94 0.00	45.47 1.95 0.00	44.23 1.88 -0.19	48.47 1.82 -3.96	46.42 1.74 -2.28	46.22 1.58 -5.73	34.11 1.16 -4.57
BRDGHMPT_69_KV_BK1 55812	34.21 1.03 0.00	30.08 0.83 0.00	28.31 0.73 0.00	18.94 0.51 0.00	23.93 0.42 0.00	22.74 0.55 2.84	31.74 1.02 6.62	43.57 1.92 10.40	49.48 3.38 2.25	28.18 1.77 7.93	39.01 2.48 0.00	33.43 2.54 0.00	34.94 2.43 0.00	37.83 2.37 0.68	37.07 2.68 5.35	35.89 3.17 4.92	44.46 4.39 6.66	48.64 4.41 1.55	46.86 4.26 0.91	44.00 3.52 1.69	37.66 2.01 7.03	38.25 1.89 6.05	35.59 1.87 5.18	28.42 1.75 1.71

BRENTWOD_69_KV_W. BRTWOOD 56703	35.01 1.83 0.00	30.83 1.58 0.00	29.00 1.42 0.00	19.40 0.98 0.00	24.50 0.98 0.00	23.55 0.98 2.47	33.24 1.66 5.75	45.85 2.85 9.04	48.94 2.55 1.95	28.33 1.33 7.32	38.74 2.22 0.00	33.23 2.34 0.00	34.78 2.26 0.00	37.65 2.12 0.59	37.32 2.23 4.66	35.95 2.58 4.28	44.22 3.28 5.79	47.83 3.39 1.34	45.98 3.26 0.79	43.58 2.88 1.47	39.21 2.63 6.11	39.77 2.62 5.26	36.84 2.44 4.51	28.70 1.80 1.49
BRISTLHL_115KV_TB1 79998	32.39 -0.79 0.00	28.53 -0.71 0.00	26.91 -0.68 0.00	17.96 -0.46 0.00	22.92 -0.59 0.00	24.44 -0.60 0.00	36.50 -0.83 0.00	50.82 -1.22 0.00	47.01 -1.34 0.00	33.36 -0.97 0.00	35.60 -0.93 0.00	30.31 -0.58 0.00	31.96 -0.55 0.00	35.53 -0.60 0.00	38.97 -0.78 0.00	36.95 -0.69 0.00	45.78 -0.96 0.00	44.86 -0.92 0.00	42.60 -0.91 0.00	41.31 -0.86 0.00	41.79 -0.90 0.00	41.43 -0.97 0.00	37.97 -0.94 0.00	27.69 -0.69 0.00
BROOKHAVEN___DRP 24191	34.52 1.34 0.00	30.40 1.15 0.00	28.60 1.01 0.00	19.13 0.71 0.00	24.16 0.65 0.00	22.89 0.73 2.89	31.84 1.23 6.72	43.66 2.17 10.56	48.23 2.17 2.28	27.30 0.96 7.98	38.22 1.69 0.00	32.77 1.88 0.00	34.26 1.74 0.00	37.02 1.57 0.69	36.08 1.78 5.44	34.91 2.27 5.00	43.10 3.13 6.77	47.33 3.11 1.57	45.59 3.00 0.92	42.89 2.43 1.72	37.60 2.05 7.14	38.43 2.18 6.15	35.73 2.09 5.26	28.33 1.69 1.74
BROOKLYN_NAVY_YARD 23515	35.05 1.87 0.00	30.83 1.58 0.00	29.03 1.44 0.00	19.42 1.00 0.00	24.66 1.15 0.00	26.30 1.26 0.00	39.47 2.14 0.00	55.50 3.45 0.00	51.41 3.07 0.00	36.21 1.87 0.00	38.76 2.23 0.00	33.28 2.39 0.00	34.97 2.45 0.00	38.83 2.70 0.00	42.56 2.82 0.00	40.67 3.02 0.00	50.21 3.48 0.00	49.24 3.45 0.00	46.81 3.30 0.00	45.24 3.07 0.00	45.58 2.89 0.00	45.24 2.83 0.00	41.57 2.66 0.00	30.16 1.78 0.00
BROOKLYN___ARMY_DRP 323595	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.42 0.00	39.71 2.38 0.00	55.76 3.71 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.78 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.42 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.81 2.90 0.00	30.35 1.96 0.00
BROOME_2_LFGE 323671	33.43 0.25 0.00	29.45 0.21 0.00	27.77 0.18 0.00	18.50 0.07 0.00	23.64 0.13 0.00	25.13 0.09 0.00	37.53 0.20 0.00	52.19 0.14 0.00	48.21 -0.14 0.00	34.15 -0.19 0.00	36.20 -0.33 0.00	31.17 0.27 0.00	32.96 0.44 0.00	36.60 0.47 0.00	40.12 0.37 0.00	38.02 0.38 0.00	47.05 0.31 0.00	45.88 0.09 0.00	43.53 0.01 0.00	42.27 0.10 0.00	42.83 0.14 0.00	42.46 0.05 0.00	38.92 0.02 0.00	28.34 -0.04 0.00
BROOME___LFGE 323600	33.43 0.25 0.00	29.45 0.21 0.00	27.77 0.18 0.00	18.50 0.07 0.00	23.64 0.13 0.00	25.13 0.09 0.00	37.53 0.20 0.00	52.19 0.14 0.00	48.21 -0.14 0.00	34.15 -0.19 0.00	36.20 -0.33 0.00	31.17 0.27 0.00	32.96 0.44 0.00	36.60 0.47 0.00	40.12 0.37 0.00	38.02 0.38 0.00	47.05 0.31 0.00	45.88 0.09 0.00	43.53 0.01 0.00	42.27 0.10 0.00	42.83 0.14 0.00	42.46 0.05 0.00	38.92 0.02 0.00	28.34 -0.04 0.00
BROWNFLS_115KV_TB_3_5 80003	33.61 0.43 0.00	29.79 0.55 0.00	28.11 0.53 0.00	18.72 0.29 0.00	23.99 0.48 0.00	25.60 0.55 0.00	38.02 0.68 0.00	53.14 1.09 0.00	48.59 0.24 0.00	34.61 0.28 0.00	37.30 0.78 0.00	31.37 0.48 0.00	33.77 0.20 -1.05	37.54 0.34 -1.07	40.49 0.75 0.00	38.24 0.60 0.00	47.08 0.34 0.00	46.51 0.72 0.00	44.31 0.80 0.00	43.05 0.88 0.00	43.69 1.00 0.00	43.29 0.89 0.00	39.49 0.58 0.00	28.87 0.49 0.00
BROWNSV1_27_KV_LOAD 356125	35.35 2.17 0.00	31.07 1.83 0.00	29.26 1.67 0.00	19.58 1.16 0.00	24.87 1.36 0.00	26.52 1.47 0.00	39.81 2.48 0.00	55.96 3.91 0.00	51.83 3.48 0.00	36.50 2.17 0.00	39.09 2.57 0.00	33.53 2.64 0.00	35.24 2.72 0.00	39.15 3.01 0.00	42.92 3.17 0.00	40.98 3.33 0.00	50.63 3.89 0.00	49.65 3.87 0.00	47.19 3.68 0.00	45.62 3.46 0.00	45.97 3.28 0.00	45.65 3.24 0.00	41.92 3.02 0.00	30.42 2.04 0.00
BURROWS___LYONSDAL 23803	33.64 0.46 0.00	29.88 0.63 0.00	28.17 0.58 0.00	18.75 0.33 0.00	24.03 0.51 0.00	25.66 0.62 0.00	38.23 0.89 0.00	53.41 1.36 0.00	48.79 0.45 0.00	34.62 0.29 0.00	37.24 0.72 0.00	31.37 0.48 0.00	33.20 0.38 -0.30	37.08 0.63 -0.31	40.70 0.95 0.00	38.59 0.94 0.00	47.87 1.13 0.00	47.31 1.53 0.00	44.85 1.34 0.00	43.55 1.39 0.00	43.90 1.21 0.00	43.27 0.87 0.00	39.43 0.52 0.00	28.80 0.42 0.00
CAITHNESS_CC_1 323624	34.49 1.31 0.00	30.38 1.14 0.00	28.58 1.00 0.00	19.13 0.70 0.00	24.15 0.64 0.00	22.82 0.71 2.93	31.70 1.18 6.81	43.46 2.12 10.70	48.08 2.05 2.31	27.21 0.91 8.03	38.18 1.65 0.00	32.74 1.84 0.00	34.23 1.71 0.00	36.98 1.54 0.70	35.96 1.73 5.51	34.78 2.20 5.06	42.89 3.02 6.86	47.19 2.99 1.59	45.45 2.88 0.94	42.77 2.34 1.74	37.45 2.00 7.24	38.29 2.12 6.23	35.61 2.04 5.34	28.26 1.64 1.76
CALPINE BETH_PAGE_GT4 24209	34.90 1.72 0.00	30.73 1.48 0.00	28.91 1.33 0.00	19.33 0.91 0.00	24.45 0.94 0.00	26.02 0.98 0.00	39.00 1.67 0.00	54.95 2.90 0.00	50.87 2.52 0.00	32.19 1.34 3.48	38.60 2.07 0.00	32.97 2.08 0.00	34.65 2.13 0.00	38.24 2.12 0.00	42.05 2.31 0.00	40.22 2.57 0.00	49.71 2.97 0.00	48.99 3.21 0.00	46.66 3.13 -0.01	45.00 2.83 0.00	45.28 2.60 0.00	44.99 2.59 0.00	41.35 2.44 0.00	30.11 1.72 0.00
CALPINE_BETH_PAGE_GT_4 323586	34.90 1.72 0.00	30.72 1.48 0.00	28.91 1.32 0.00	19.33 0.91 0.00	24.45 0.94 0.00	26.02 0.98 0.00	39.00 1.67 0.00	54.96 2.91 0.00	50.87 2.52 0.00	32.19 1.34 3.48	38.60 2.07 0.00	32.97 2.08 0.00	34.65 2.14 0.00	38.24 2.11 0.00	42.05 2.31 0.00	40.22 2.58 0.00	49.71 2.97 0.00	48.99 3.21 0.00	46.66 3.13 -0.01	45.00 2.83 0.00	45.28 2.59 0.00	44.99 2.59 0.00	41.36 2.45 0.00	30.11 1.72 0.00
CALPINE_BP_GT1 23823	34.90 1.72 0.00	30.72 1.48 0.00	28.91 1.32 0.00	19.33 0.91 0.00	24.45 0.94 0.00	26.02 0.98 0.00	39.00 1.67 0.00	54.96 2.91 0.00	50.87 2.52 0.00	32.19 1.34 3.48	38.60 2.07 0.00	32.97 2.08 0.00	34.65 2.14 0.00	38.24 2.11 0.00	42.05 2.31 0.00	40.22 2.58 0.00	49.71 2.97 0.00	48.99 3.21 0.00	46.66 3.13 -0.01	45.00 2.83 0.00	45.28 2.59 0.00	44.99 2.59 0.00	41.36 2.45 0.00	30.11 1.72 0.00
CALSPAN___DRP 24200	32.80 -0.38 0.00	28.52 -0.72 0.00	26.84 -0.75 0.00	17.68 -0.74 0.00	22.65 -0.86 0.00	24.27 -0.77 0.00	35.77 -1.56 0.00	49.26 -2.79 0.00	45.93 -2.41 0.00	33.11 -1.22 0.00	35.02 -1.51 0.00	30.66 -0.23 0.00	32.86 0.34 0.00	36.38 0.25 0.00	39.39 -0.35 0.00	36.99 -0.66 0.00	45.48 -1.26 0.00	43.49 -2.29 0.00	40.97 -2.55 0.00	39.91 -2.26 0.00	40.47 -2.22 0.00	40.04 -2.36 0.00	36.66 -2.25 0.00	26.75 -1.64 0.00

CALVERTON___SOLAR 323806	34.53 1.35 0.00	30.40 1.15 0.00	28.60 1.01 0.00	19.13 0.71 0.00	24.16 0.65 0.00	22.92 0.75 2.87	31.91 1.26 6.68	43.79 2.24 10.50	48.38 2.30 2.27	27.40 1.03 7.96	38.28 1.75 0.00	32.82 1.93 0.00	34.30 1.78 0.00	37.08 1.63 0.69	36.18 1.84 5.41	35.02 2.35 4.97	43.29 3.29 6.73	47.49 3.27 1.56	45.76 3.16 0.92	43.02 2.56 1.71	37.70 2.11 7.10	38.51 2.22 6.11	35.81 2.14 5.24	28.38 1.73 1.73
CANDIGU_WT_PWR 323617	32.98 -0.20 0.00	28.80 -0.45 0.00	27.10 -0.49 0.00	18.03 -0.39 0.00	23.04 -0.47 0.00	24.38 -0.67 0.00	36.25 -1.08 0.00	50.06 -1.98 0.00	46.22 -2.13 0.00	32.62 -1.72 0.00	34.21 -2.32 0.00	29.86 -1.03 0.00	31.91 -0.61 0.00	35.67 -0.47 0.00	39.11 -0.64 0.00	36.97 -0.67 0.00	45.51 -1.23 0.00	43.79 -1.99 0.00	41.52 -1.99 0.00	40.24 -1.93 0.00	40.71 -1.98 0.00	40.32 -2.09 0.00	36.87 -2.04 0.00	26.87 -1.51 0.00
CARR STREET_E_SYR 24060	32.69 -0.49 0.00	28.79 -0.46 0.00	27.14 -0.44 0.00	18.11 -0.31 0.00	23.13 -0.38 0.00	24.65 -0.39 0.00	36.83 -0.50 0.00	51.29 -0.75 0.00	47.45 -0.90 0.00	33.64 -0.70 0.00	35.80 -0.73 0.00	30.55 -0.34 0.00	32.25 -0.27 0.00	35.88 -0.25 0.00	39.36 -0.38 0.00	37.30 -0.34 0.00	46.22 -0.52 0.00	45.24 -0.54 0.00	42.91 -0.61 0.00	41.62 -0.55 0.00	42.10 -0.59 0.00	41.73 -0.67 0.00	38.22 -0.69 0.00	27.85 -0.53 0.00
CARTHAGE___PAPER 23857	33.63 0.45 0.00	29.97 0.73 0.00	28.28 0.70 0.00	18.78 0.36 0.00	24.12 0.61 0.00	25.76 0.71 0.00	38.32 0.99 0.00	53.68 1.63 0.00	48.60 0.25 0.00	34.51 0.18 0.00	37.49 0.96 0.00	31.54 0.65 0.00	33.22 0.23 -0.47	37.12 0.50 -0.48	40.75 1.01 0.00	38.71 1.07 0.00	47.75 1.02 0.00	47.62 1.83 0.00	45.20 1.69 0.00	43.93 1.76 0.00	44.31 1.62 0.00	43.45 1.04 0.00	39.48 0.57 0.00	28.86 0.48 0.00
CASSADAGA_WT_PWR 323784	32.62 -0.57 0.00	29.01 -0.23 0.00	26.72 -0.87 0.00	17.47 -0.95 0.00	22.62 -0.89 0.00	24.03 -1.02 0.00	35.57 -1.77 0.00	49.23 -2.81 0.00	45.74 -2.61 0.00	32.85 -1.48 0.00	35.13 -1.40 0.00	30.93 0.04 0.00	33.00 0.48 0.00	36.04 -0.09 0.00	38.63 -1.11 0.00	35.65 -1.99 0.00	43.69 -3.05 0.00	41.78 -4.00 0.00	39.52 -3.99 0.00	38.63 -3.54 0.00	39.11 -3.58 0.00	38.86 -3.54 0.00	36.05 -2.86 0.00	27.05 -1.34 0.00
CE_DUNWOOD___DRP 24194	34.86 1.68 0.00	30.69 1.44 0.00	28.91 1.33 0.00	19.36 0.93 0.00	24.60 1.09 0.00	26.20 1.16 0.00	39.28 1.95 0.00	55.18 3.14 0.00	51.09 2.74 0.00	35.96 1.63 0.00	38.50 1.97 0.00	32.98 2.09 0.00	34.66 2.14 0.00	38.50 2.37 0.00	42.23 2.48 0.00	40.31 2.67 0.00	49.87 3.13 0.00	48.91 3.13 0.00	46.52 3.00 0.00	44.96 2.80 0.00	45.33 2.64 0.00	45.02 2.62 0.00	41.38 2.47 0.00	30.05 1.67 0.00
CE_MILLWOOD___DRP 24193	34.81 1.63 0.00	30.63 1.39 0.00	28.87 1.29 0.00	19.33 0.91 0.00	24.57 1.05 0.00	26.17 1.13 0.00	39.22 1.89 0.00	55.11 3.06 0.00	50.99 2.65 0.00	35.89 1.56 0.00	38.41 1.88 0.00	32.90 2.01 0.00	34.58 2.07 0.00	38.42 2.29 0.00	42.13 2.39 0.00	40.22 2.58 0.00	49.76 3.03 0.00	48.82 3.04 0.00	46.42 2.90 0.00	44.88 2.71 0.00	45.25 2.56 0.00	44.94 2.54 0.00	41.31 2.41 0.00	30.00 1.62 0.00
CE_NYC2_DRP 24202	35.16 1.98 0.00	30.93 1.68 0.00	29.15 1.56 0.00	19.50 1.08 0.00	24.76 1.25 0.00	26.40 1.36 0.00	39.59 2.26 0.00	55.57 3.53 0.00	51.50 3.15 0.00	36.26 1.93 0.00	38.88 2.35 0.00	33.34 2.45 0.00	35.03 2.51 0.00	38.90 2.77 0.00	42.67 2.92 0.00	40.74 3.09 0.00	50.24 3.50 0.00	49.30 3.52 0.00	46.85 3.33 0.00	45.28 3.11 0.00	45.61 2.93 0.00	45.35 2.95 0.00	41.68 2.77 0.00	30.26 1.88 0.00
CE_NYC_DRP 24195	35.13 1.94 0.00	30.89 1.65 0.00	29.10 1.52 0.00	19.48 1.06 0.00	24.74 1.23 0.00	26.38 1.33 0.00	39.58 2.25 0.00	55.61 3.57 0.00	51.51 3.17 0.00	36.28 1.95 0.00	38.87 2.34 0.00	33.34 2.45 0.00	35.04 2.53 0.00	38.93 2.80 0.00	42.67 2.93 0.00	40.75 3.11 0.00	50.33 3.60 0.00	49.35 3.57 0.00	46.91 3.39 0.00	45.33 3.16 0.00	45.67 2.99 0.00	45.35 2.95 0.00	41.66 2.75 0.00	30.25 1.87 0.00
CHAFFEE___LFGE 323603	32.90 -0.28 0.00	28.61 -0.63 0.00	26.92 -0.67 0.00	17.75 -0.67 0.00	22.74 -0.78 0.00	24.37 -0.67 0.00	35.98 -1.36 0.00	49.60 -2.45 0.00	46.27 -2.08 0.00	33.31 -1.03 0.00	35.19 -1.34 0.00	30.76 -0.14 0.00	32.97 0.45 0.00	36.50 0.37 0.00	39.57 -0.18 0.00	37.19 -0.45 0.00	45.77 -0.97 0.00	43.83 -1.96 0.00	41.30 -2.21 0.00	40.24 -1.93 0.00	40.79 -1.90 0.00	40.36 -2.05 0.00	36.90 -2.01 0.00	26.89 -1.49 0.00
CHATEAUG_35_KV_LOAD 355732	33.69 0.51 0.00	29.61 0.36 0.00	27.95 0.36 0.00	18.71 0.28 0.00	23.90 0.39 0.00	25.38 0.33 0.00	37.57 0.24 0.00	52.10 0.06 0.00	48.24 -0.10 0.00	34.66 0.32 0.00	36.88 0.35 0.00	30.87 -0.02 0.00	22.05 -0.60 9.87	21.10 -0.76 14.27	39.78 0.03 0.00	37.23 -0.41 0.00	46.15 -0.59 0.00	45.00 -0.78 0.00	43.52 -0.38 -0.38	44.44 -0.45 -2.72	42.52 -0.16 0.00	42.39 -0.01 0.00	39.28 0.37 0.00	28.78 0.40 0.00
CHATEAUG_WT_PWR 323614	33.64 0.46 0.00	29.58 0.33 0.00	27.92 0.33 0.00	18.68 0.26 0.00	23.87 0.36 0.00	25.31 0.27 0.00	37.43 0.10 0.00	51.88 -0.17 0.00	48.08 -0.26 0.00	34.51 0.18 0.00	36.79 0.26 0.00	26.33 -0.17 4.40	17.50 -0.85 14.17	21.58 -0.87 13.68	39.71 -0.04 0.00	37.20 -0.44 0.00	46.09 -0.64 0.00	44.91 -0.88 0.00	42.95 -0.56 0.00	41.54 -0.62 0.00	42.35 -0.34 0.00	42.24 -0.16 0.00	39.16 0.26 0.00	28.69 0.30 0.00
CHAT_HIGH_FALL_HYD 323578	33.69 0.51 0.00	29.61 0.36 0.00	27.95 0.36 0.00	18.71 0.28 0.00	23.90 0.39 0.00	25.38 0.33 0.00	37.57 0.24 0.00	52.10 0.06 0.00	48.24 -0.10 0.00	34.66 0.32 0.00	36.88 0.35 0.00	30.87 -0.02 0.00	22.05 -0.60 9.87	21.10 -0.76 14.27	39.78 0.03 0.00	37.23 -0.41 0.00	46.15 -0.59 0.00	45.00 -0.78 0.00	43.52 -0.38 -0.38	44.44 -0.45 -2.72	42.52 -0.16 0.00	42.39 -0.01 0.00	39.28 0.37 0.00	28.78 0.40 0.00
CHAUTAUQUA___LFGE 323629	32.73 -0.45 0.00	28.83 -0.41 0.00	26.86 -0.73 0.00	17.64 -0.78 0.00	22.74 -0.77 0.00	24.26 -0.78 0.00	35.92 -1.41 0.00	49.53 -2.52 0.00	45.89 -2.46 0.00	32.98 -1.36 0.00	35.09 -1.44 0.00	30.88 -0.01 0.00	33.04 0.52 0.00	36.37 0.23 0.00	39.21 -0.54 0.00	36.49 -1.15 0.00	44.79 -1.94 0.00	42.81 -2.98 0.00	40.42 -3.09 0.00	39.49 -2.68 0.00	40.05 -2.64 0.00	39.74 -2.67 0.00	36.58 -2.33 0.00	27.03 -1.35 0.00
CHERRYST_13_KV_LD 356241	35.22 2.04 0.00	30.97 1.73 0.00	29.18 1.59 0.00	19.53 1.10 0.00	24.80 1.29 0.00	26.44 1.40 0.00	39.69 2.36 0.00	55.78 3.73 0.00	51.66 3.32 0.00	36.41 2.08 0.00	39.00 2.48 0.00	33.45 2.57 0.00	35.16 2.65 0.00	39.05 2.92 0.00	42.81 3.06 0.00	40.88 3.24 0.00	50.50 3.76 0.00	49.51 3.73 0.00	47.04 3.53 0.00	45.45 3.28 0.00	45.79 3.10 0.00	45.46 3.06 0.00	41.77 2.86 0.00	30.31 1.93 0.00

CHESTROR_138KV_BK263 355645	34.69 1.51 0.00	30.55 1.30 0.00	28.80 1.22 0.00	19.27 0.84 0.00	24.51 1.00 0.00	26.11 1.07 0.00	39.14 1.81 0.00	54.96 2.92 0.00	50.80 2.46 0.00	35.73 1.39 0.00	38.14 1.62 0.00	32.63 1.74 0.00	34.28 1.76 0.00	38.08 1.95 0.00	41.79 2.05 0.00	39.89 2.25 0.00	49.38 2.64 0.00	48.44 2.66 0.00	46.07 2.55 0.00	44.55 2.38 0.00	44.96 2.27 0.00	44.65 2.25 0.00	41.03 2.12 0.00	29.81 1.42 0.00
CH_MIDHUDSON___DRP 24192	34.61 1.43 0.00	30.50 1.26 0.00	28.75 1.16 0.00	19.25 0.83 0.00	24.48 0.97 0.00	26.05 1.01 0.00	38.95 1.62 0.00	54.68 2.64 0.00	50.60 2.25 0.00	35.63 1.30 0.00	38.09 1.56 0.00	32.54 1.65 0.00	34.20 1.68 0.00	38.01 1.88 0.00	41.72 1.97 0.00	39.78 2.14 0.00	49.30 2.56 0.00	48.36 2.58 0.00	46.00 2.49 0.00	44.49 2.32 0.00	44.88 2.20 0.00	44.63 2.22 0.00	41.03 2.12 0.00	29.79 1.40 0.00
CH_MISC_IPPS 23765	34.89 1.71 0.00	30.74 1.49 0.00	28.96 1.37 0.00	19.39 0.97 0.00	24.66 1.15 0.00	26.26 1.22 0.00	39.33 2.00 0.00	55.25 3.20 0.00	51.12 2.77 0.00	36.00 1.66 0.00	38.46 1.93 0.00	32.83 1.94 0.00	34.47 1.96 0.00	38.32 2.19 0.00	42.07 2.33 0.00	40.14 2.50 0.00	49.75 3.01 0.00	48.81 3.03 0.00	46.44 2.92 0.00	44.91 2.74 0.00	45.31 2.62 0.00	45.02 2.62 0.00	41.38 2.47 0.00	30.03 1.65 0.00
CH_RES_BVR_FALLS 23983	33.18 0.00 0.00	29.23 -0.02 0.00	27.59 0.01 0.00	18.41 -0.01 0.00	23.51 0.00 0.00	25.06 0.01 0.00	37.29 -0.05 0.00	51.97 -0.08 0.00	48.21 -0.14 0.00	34.27 -0.06 0.00	36.51 -0.02 0.00	30.77 -0.12 0.00	32.37 -0.15 0.00	35.99 -0.14 0.00	39.74 -0.01 0.00	37.58 -0.06 0.00	46.67 -0.06 0.00	45.73 -0.06 0.00	43.47 -0.05 0.00	42.14 -0.03 0.00	42.63 -0.06 0.00	42.27 -0.13 0.00	38.75 -0.16 0.00	28.30 -0.08 0.00
CH_RES_NIAGARA 23895	32.24 -0.94 0.00	27.97 -1.28 0.00	26.32 -1.27 0.00	17.34 -1.08 0.00	22.23 -1.28 0.00	23.90 -1.14 0.00	35.02 -2.31 0.00	47.87 -4.18 0.00	44.70 -3.64 0.00	32.47 -1.86 0.00	34.36 -2.17 0.00	30.06 -0.83 0.00	32.23 -0.29 0.00	35.60 -0.53 0.00	38.44 -1.31 0.00	36.08 -1.56 0.00	44.30 -2.43 0.00	42.23 -3.55 0.00	39.64 -3.87 0.00	38.75 -3.42 0.00	39.29 -3.40 0.00	39.04 -3.37 0.00	35.79 -3.12 0.00	26.08 -2.30 0.00
CH_RES_SYRACUSE 23985	32.89 -0.29 0.00	28.95 -0.29 0.00	27.31 -0.27 0.00	18.23 -0.19 0.00	23.28 -0.23 0.00	24.79 -0.25 0.00	37.03 -0.30 0.00	51.55 -0.49 0.00	47.67 -0.68 0.00	33.75 -0.58 0.00	35.90 -0.63 0.00	30.64 -0.25 0.00	32.37 -0.15 0.00	36.00 -0.13 0.00	39.50 -0.24 0.00	37.45 -0.19 0.00	46.42 -0.31 0.00	45.46 -0.33 0.00	43.15 -0.37 0.00	41.85 -0.33 0.00	42.34 -0.35 0.00	41.98 -0.42 0.00	38.44 -0.46 0.00	28.01 -0.37 0.00
CLINTON_WT_PWR 323605	33.64 0.46 0.00	29.58 0.33 0.00	27.92 0.33 0.00	18.68 0.26 0.00	23.87 0.36 0.00	25.31 0.27 0.00	37.43 0.10 0.00	51.88 -0.17 0.00	48.08 -0.26 0.00	34.51 0.18 0.00	36.79 0.26 0.00	26.33 -0.17 4.40	17.50 -0.85 14.17	21.58 -0.87 13.68	39.71 -0.04 0.00	37.20 -0.44 0.00	46.09 -0.64 0.00	44.91 -0.88 0.00	42.95 -0.56 0.00	41.54 -0.62 0.00	42.35 -0.34 0.00	42.24 -0.16 0.00	39.16 0.26 0.00	28.69 0.30 0.00
CLINTON___LFGE 323618	33.99 0.81 0.00	29.86 0.61 0.00	28.17 0.58 0.00	18.87 0.45 0.00	24.12 0.61 0.00	25.47 0.43 0.00	37.50 0.16 0.00	51.85 -0.20 0.00	48.12 -0.22 0.00	34.63 0.30 0.00	36.96 0.44 0.00	30.99 0.10 0.00	22.24 -0.78 9.49	21.24 -1.01 13.88	39.73 -0.01 0.00	37.12 -0.52 0.00	45.86 -0.88 0.00	44.54 -1.24 0.00	45.39 -0.85 -2.72	60.74 -0.92 -19.50	42.18 -0.51 0.00	42.28 -0.12 0.00	39.60 0.69 0.00	29.05 0.67 0.00
COBBLENY_34_KV_TB1 80064	32.90 -0.28 0.00	28.61 -0.63 0.00	26.92 -0.67 0.00	17.75 -0.68 0.00	22.73 -0.78 0.00	24.37 -0.67 0.00	35.98 -1.36 0.00	49.61 -2.43 0.00	46.27 -2.08 0.00	33.31 -1.02 0.00	35.20 -1.33 0.00	30.76 -0.13 0.00	32.97 0.45 0.00	36.50 0.37 0.00	39.57 -0.17 0.00	37.19 -0.45 0.00	45.76 -0.98 0.00	43.83 -1.96 0.00	41.30 -2.21 0.00	40.24 -1.93 0.00	40.78 -1.91 0.00	40.36 -2.05 0.00	36.91 -2.00 0.00	26.89 -1.49 0.00
COFFEEN___115KV_TB3 355620	33.63 0.45 0.00	29.97 0.73 0.00	28.28 0.69 0.00	18.77 0.35 0.00	24.11 0.60 0.00	25.76 0.72 0.00	38.38 1.04 0.00	53.81 1.77 0.00	48.65 0.30 0.00	34.48 0.15 0.00	37.49 0.96 0.00	31.60 0.71 0.00	33.28 0.37 -0.39	37.04 0.51 -0.40	40.82 1.07 0.00	38.78 1.14 0.00	47.71 0.97 0.00	47.95 2.17 0.00	45.46 1.94 0.00	44.17 2.00 0.00	44.50 1.82 0.00	43.49 1.08 0.00	39.44 0.53 0.00	28.82 0.44 0.00
COLDSPRG_115KV_BK1 355956	33.34 0.16 0.00	29.38 0.13 0.00	27.42 -0.17 0.00	18.02 -0.41 0.00	23.25 -0.27 0.00	24.75 -0.29 0.00	36.60 -0.73 0.00	50.87 -1.18 0.00	47.29 -1.05 0.00	33.87 -0.46 0.00	36.03 -0.50 0.00	31.62 0.73 0.00	33.79 1.28 0.00	37.15 1.02 0.00	40.04 0.29 0.00	37.29 -0.36 0.00	45.75 -0.99 0.00	43.91 -1.87 0.00	41.56 -1.96 0.00	40.58 -1.59 0.00	41.13 -1.55 0.00	40.74 -1.66 0.00	37.52 -1.39 0.00	27.75 -0.63 0.00
COLONIE_LFGE___ 323577	34.06 0.88 0.00	30.08 0.83 0.00	28.37 0.78 0.00	18.99 0.57 0.00	29.86 0.75 -5.60	26.93 0.82 -1.07	38.44 1.11 0.00	55.99 1.57 -2.37	49.94 1.38 -0.21	68.81 1.04 -33.43	57.70 1.06 -20.11	31.75 0.86 0.00	33.05 0.53 0.00	36.70 0.57 0.00	40.14 0.39 0.00	38.05 0.41 0.00	47.60 0.86 0.00	46.96 1.17 0.00	44.72 1.21 0.00	43.69 1.18 -0.34	51.08 1.17 -7.23	47.69 1.12 -4.17	50.44 1.07 -10.46	37.56 0.83 -8.35
COOPERNY_115KV_TB1 80082	34.37 1.20 0.00	30.31 1.06 0.00	28.58 0.99 0.00	19.08 0.66 0.00	24.31 0.80 0.00	25.87 0.82 0.00	38.73 1.39 0.00	54.43 2.38 0.00	50.28 1.93 0.00	35.45 1.12 0.00	37.78 1.25 0.00	32.28 1.39 0.00	33.92 1.40 0.00	37.69 1.56 0.00	41.34 1.59 0.00	39.33 1.69 0.00	48.69 1.95 0.00	47.74 1.96 0.00	45.35 1.84 0.00	43.90 1.73 0.00	44.35 1.66 0.00	44.07 1.66 0.00	40.48 1.57 0.00	29.43 1.05 0.00
COPENHAGEN_WT_PWR 323753	33.02 -0.16 0.00	29.53 0.28 0.00	27.88 0.29 0.00	18.48 0.06 0.00	23.76 0.25 0.00	25.35 0.31 0.00	37.70 0.37 0.00	52.83 0.78 0.00	47.74 -0.61 0.00	33.81 -0.53 0.00	36.94 0.41 0.00	31.10 0.21 0.00	32.72 -0.17 -0.37	36.44 -0.07 -0.38	40.29 0.54 0.00	38.30 0.66 0.00	47.18 0.45 0.00	47.21 1.43 0.00	44.65 1.13 0.00	43.37 1.20 0.00	43.74 1.05 0.00	42.67 0.26 0.00	38.72 -0.19 0.00	28.34 -0.05 0.00
CORNELL_____ 23752	33.79 0.61 0.00	29.74 0.50 0.00	28.05 0.46 0.00	18.69 0.27 0.00	23.89 0.37 0.00	25.45 0.41 0.00	38.05 0.72 0.00	52.96 0.91 0.00	48.90 0.55 0.00	34.38 0.05 0.00	36.32 -0.21 0.00	31.16 0.27 0.00	32.95 0.43 0.00	36.84 0.70 0.00	40.56 0.81 0.00	38.43 0.78 0.00	47.67 0.93 0.00	46.65 0.86 0.00	44.37 0.85 0.00	43.09 0.92 0.00	43.57 0.88 0.00	43.12 0.72 0.00	39.47 0.56 0.00	28.72 0.34 0.00

CORONA_69_KV_TB1 355595	35.08 1.90 0.00	30.86 1.62 0.00	29.04 1.45 0.00	19.42 1.00 0.00	24.61 1.10 0.00	26.20 1.16 0.00	39.21 1.88 0.00	55.18 3.13 0.00	51.01 2.66 0.00	35.91 1.48 -0.09	38.79 2.26 0.00	33.26 2.37 0.00	34.81 2.29 0.00	38.49 2.36 0.00	42.31 2.57 0.00	40.45 2.81 0.00	50.06 3.33 0.00	49.18 3.39 0.00	46.81 3.28 -0.02	45.15 2.98 0.00	45.43 2.75 0.00	45.18 2.78 0.00	41.59 2.68 0.00	30.25 1.86 0.00
CORTLAND_115KV_TB3 80093	33.46 0.28 0.00	29.48 0.23 0.00	27.80 0.21 0.00	18.53 0.11 0.00	23.69 0.18 0.00	25.22 0.18 0.00	37.72 0.38 0.00	52.54 0.50 0.00	48.53 0.18 0.00	34.28 -0.06 0.00	36.34 -0.18 0.00	31.08 0.19 0.00	32.82 0.30 0.00	36.61 0.48 0.00	40.24 0.49 0.00	38.14 0.49 0.00	47.27 0.53 0.00	46.27 0.49 0.00	43.91 0.39 0.00	42.62 0.45 0.00	43.09 0.40 0.00	42.70 0.29 0.00	39.10 0.19 0.00	28.46 0.08 0.00
COXSACKIE___GT 23611	34.39 1.21 0.00	30.40 1.16 0.00	28.62 1.04 0.00	19.16 0.74 0.00	23.49 1.22 1.24	26.36 1.56 0.24	39.67 2.33 0.00	55.20 3.68 0.53	51.66 3.36 0.05	28.74 1.85 7.45	33.37 1.32 4.48	31.83 0.94 0.00	33.00 0.48 0.00	36.78 0.64 0.00	40.37 0.62 0.00	38.85 1.20 0.00	47.84 1.11 0.00	47.32 1.53 0.00	45.31 1.79 0.00	43.74 1.67 0.10	42.20 1.67 2.15	42.63 1.47 1.24	37.13 1.33 3.11	26.83 0.93 2.48
CPV_VALLEY___CC1 323721	34.67 1.49 0.00	30.52 1.28 0.00	28.78 1.19 0.00	19.26 0.84 0.00	24.49 0.98 0.00	26.09 1.05 0.00	39.11 1.77 0.00	54.93 2.89 0.00	50.77 2.42 0.00	35.72 1.39 0.00	38.16 1.63 0.00	32.65 1.75 0.00	34.30 1.78 0.00	38.12 1.99 0.00	41.81 2.07 0.00	39.88 2.24 0.00	49.38 2.64 0.00	48.42 2.63 0.00	46.04 2.53 0.00	44.53 2.36 0.00	44.93 2.24 0.00	44.62 2.22 0.00	41.02 2.11 0.00	29.79 1.41 0.00
CPV_VALLEY___CC2 323722	34.67 1.49 0.00	30.52 1.28 0.00	28.78 1.19 0.00	19.26 0.84 0.00	24.49 0.98 0.00	26.09 1.05 0.00	39.11 1.77 0.00	54.93 2.89 0.00	50.77 2.42 0.00	35.72 1.39 0.00	38.16 1.63 0.00	32.65 1.75 0.00	34.30 1.78 0.00	38.12 1.99 0.00	41.81 2.07 0.00	39.88 2.24 0.00	49.38 2.64 0.00	48.42 2.63 0.00	46.04 2.53 0.00	44.53 2.36 0.00	44.93 2.24 0.00	44.62 2.22 0.00	41.02 2.11 0.00	29.79 1.41 0.00
CRESCENT___HYD 24018	34.06 0.88 0.00	30.08 0.83 0.00	28.37 0.78 0.00	18.99 0.57 0.00	29.86 0.75 -5.60	26.93 0.82 -1.07	38.44 1.11 0.00	55.99 1.57 -2.37	49.94 1.38 -0.21	68.81 1.04 -33.43	57.70 1.06 -20.11	31.75 0.86 0.00	33.05 0.53 0.00	36.70 0.57 0.00	40.14 0.39 0.00	38.05 0.41 0.00	47.60 0.86 0.00	46.96 1.17 0.00	44.72 1.21 0.00	43.69 1.18 -0.34	51.08 1.17 -7.23	47.69 1.12 -4.17	50.44 1.07 -10.46	37.56 0.83 -8.35
CRICKET___VALLEY_CC1 323756	34.17 0.99 0.00	30.13 0.89 0.00	28.39 0.81 0.00	19.05 0.63 0.00	24.22 0.71 0.00	25.76 0.71 0.00	38.47 1.13 0.00	54.00 1.96 0.00	50.06 1.72 0.00	35.25 0.92 0.00	37.68 1.15 0.00	32.22 1.32 0.00	33.82 1.31 0.00	37.60 1.47 0.00	41.24 1.50 0.00	39.33 1.69 0.00	48.71 1.97 0.00	47.75 1.97 0.00	45.42 1.91 0.00	43.92 1.75 0.00	44.31 1.62 0.00	44.02 1.61 0.00	40.56 1.65 0.00	29.42 1.04 0.00
CRICKET___VALLEY_CC2 323757	34.17 0.99 0.00	30.13 0.89 0.00	28.39 0.81 0.00	19.05 0.63 0.00	24.22 0.71 0.00	25.76 0.71 0.00	38.47 1.13 0.00	54.00 1.96 0.00	50.06 1.72 0.00	35.25 0.92 0.00	37.68 1.15 0.00	32.22 1.32 0.00	33.82 1.31 0.00	37.60 1.47 0.00	41.24 1.50 0.00	39.33 1.69 0.00	48.71 1.97 0.00	47.75 1.97 0.00	45.42 1.91 0.00	43.92 1.75 0.00	44.31 1.62 0.00	44.02 1.61 0.00	40.56 1.65 0.00	29.42 1.04 0.00
CRICKET___VALLEY_CC3 323758	34.17 0.99 0.00	30.13 0.89 0.00	28.39 0.81 0.00	19.05 0.63 0.00	24.22 0.71 0.00	25.76 0.71 0.00	38.47 1.13 0.00	54.00 1.96 0.00	50.06 1.72 0.00	35.25 0.92 0.00	37.68 1.15 0.00	32.22 1.32 0.00	33.82 1.31 0.00	37.60 1.47 0.00	41.24 1.50 0.00	39.33 1.69 0.00	48.71 1.97 0.00	47.75 1.97 0.00	45.42 1.91 0.00	43.92 1.75 0.00	44.31 1.62 0.00	44.02 1.61 0.00	40.56 1.65 0.00	29.42 1.04 0.00
CRUCIBLE_METL_DRP 24180	32.89 -0.29 0.00	28.96 -0.29 0.00	27.31 -0.27 0.00	18.23 -0.19 0.00	23.28 -0.23 0.00	24.79 -0.25 0.00	37.03 -0.30 0.00	51.55 -0.49 0.00	47.67 -0.68 0.00	33.75 -0.58 0.00	35.90 -0.63 0.00	30.64 -0.25 0.00	32.37 -0.15 0.00	36.00 -0.13 0.00	39.50 -0.25 0.00	37.45 -0.19 0.00	46.42 -0.31 0.00	45.46 -0.33 0.00	43.15 -0.37 0.00	41.84 -0.32 0.00	42.34 -0.35 0.00	41.98 -0.42 0.00	38.44 -0.47 0.00	28.01 -0.37 0.00
DAHOWA___HYDRO 323763	34.53 1.35 0.00	30.49 1.24 0.00	28.75 1.16 0.00	19.24 0.81 0.00	27.36 1.09 -2.75	26.74 1.17 -0.53	39.09 1.75 0.00	55.77 2.55 -1.17	50.73 2.28 -0.10	52.35 1.60 -16.41	48.03 1.63 -9.87	32.16 1.27 0.00	33.38 0.86 0.00	36.97 0.84 0.00	40.54 0.79 0.00	38.49 0.85 0.00	48.44 1.70 0.00	47.96 2.18 0.00	45.71 2.20 0.00	44.42 2.09 -0.17	48.28 2.03 -3.55	46.39 1.93 -2.05	45.79 1.74 -5.15	33.76 1.27 -4.11
DANC___LFGE 323619	32.80 -0.38 0.00	29.16 -0.08 0.00	27.51 -0.07 0.00	18.29 -0.13 0.00	23.45 -0.06 0.00	25.01 -0.03 0.00	37.25 -0.09 0.00	52.08 0.03 0.00	47.50 -0.85 0.00	33.67 -0.67 0.00	36.42 -0.10 0.00	30.78 -0.11 0.00	32.45 -0.32 -0.25	36.13 -0.26 -0.25	39.78 0.03 0.00	37.78 0.14 0.00	46.61 -0.13 0.00	46.27 0.48 0.00	43.83 0.32 0.00	42.55 0.38 0.00	42.99 0.30 0.00	42.23 -0.18 0.00	38.45 -0.45 0.00	28.11 -0.28 0.00
DANSKAMMER___1 23586	34.89 1.71 0.00	30.74 1.49 0.00	28.96 1.37 0.00	19.39 0.97 0.00	24.66 1.15 0.00	26.26 1.22 0.00	39.33 2.00 0.00	55.25 3.20 0.00	51.12 2.77 0.00	36.00 1.66 0.00	38.46 1.93 0.00	32.83 1.94 0.00	34.47 1.96 0.00	38.32 2.19 0.00	42.07 2.33 0.00	40.14 2.50 0.00	49.75 3.01 0.00	48.81 3.03 0.00	46.44 2.92 0.00	44.91 2.74 0.00	45.31 2.62 0.00	45.02 2.62 0.00	41.38 2.47 0.00	30.03 1.65 0.00
DANSKAMMER___2 23589	34.89 1.71 0.00	30.74 1.49 0.00	28.96 1.37 0.00	19.39 0.97 0.00	24.66 1.15 0.00	26.26 1.22 0.00	39.33 2.00 0.00	55.25 3.20 0.00	51.12 2.77 0.00	36.00 1.66 0.00	38.46 1.93 0.00	32.83 1.94 0.00	34.47 1.96 0.00	38.32 2.19 0.00	42.07 2.33 0.00	40.14 2.50 0.00	49.75 3.01 0.00	48.81 3.03 0.00	46.44 2.92 0.00	44.91 2.74 0.00	45.31 2.62 0.00	45.02 2.62 0.00	41.38 2.47 0.00	30.03 1.65 0.00
DANSKAMMER___3 23590	34.89 1.71 0.00	30.74 1.49 0.00	28.96 1.37 0.00	19.39 0.97 0.00	24.66 1.15 0.00	26.26 1.22 0.00	39.33 2.00 0.00	55.25 3.20 0.00	51.12 2.77 0.00	36.00 1.66 0.00	38.46 1.93 0.00	32.83 1.94 0.00	34.47 1.96 0.00	38.32 2.19 0.00	42.07 2.33 0.00	40.14 2.50 0.00	49.75 3.01 0.00	48.81 3.03 0.00	46.44 2.92 0.00	44.91 2.74 0.00	45.31 2.62 0.00	45.02 2.62 0.00	41.38 2.47 0.00	30.03 1.65 0.00

DANSKAMMER___4 23591	34.89 1.71 0.00	30.74 1.49 0.00	28.96 1.37 0.00	19.39 0.97 0.00	24.66 1.15 0.00	26.26 1.22 0.00	39.33 2.00 0.00	55.25 3.20 0.00	51.12 2.77 0.00	36.00 1.66 0.00	38.46 1.93 0.00	32.83 1.94 0.00	34.47 1.96 0.00	38.32 2.19 0.00	42.07 2.33 0.00	40.14 2.50 0.00	49.75 3.01 0.00	48.81 3.03 0.00	46.44 2.92 0.00	44.91 2.74 0.00	45.31 2.62 0.00	45.02 2.62 0.00	41.38 2.47 0.00	30.03 1.65 0.00
DANSKAMMER___DIESEL 23592	34.89 1.72 0.00	30.74 1.49 0.00	28.96 1.37 0.00	19.39 0.97 0.00	24.66 1.15 0.00	26.26 1.22 0.00	39.33 2.00 0.00	55.24 3.20 0.00	51.12 2.78 0.00	35.99 1.66 0.00	38.46 1.93 0.00	32.83 1.94 0.00	34.47 1.96 0.00	38.32 2.19 0.00	42.07 2.33 0.00	40.14 2.50 0.00	49.75 3.01 0.00	48.81 3.03 0.00	46.44 2.92 0.00	44.91 2.74 0.00	45.31 2.62 0.00	45.02 2.61 0.00	41.37 2.46 0.00	30.03 1.64 0.00
DARBY___SOLAR 323810	34.41 1.23 0.00	30.40 1.15 0.00	28.66 1.07 0.00	19.17 0.75 0.00	27.57 1.01 -3.05	26.70 1.07 -0.58	38.92 1.59 0.00	55.65 2.31 -1.29	50.50 2.04 -0.11	53.95 1.43 -18.19	48.92 1.45 -10.94	32.04 1.15 0.00	33.26 0.74 0.00	36.88 0.74 0.00	40.41 0.66 0.00	38.37 0.72 0.00	48.23 1.49 0.00	47.74 1.95 0.00	45.47 1.96 0.00	44.23 1.88 -0.19	48.45 1.82 -3.94	46.41 1.73 -2.27	46.18 1.57 -5.70	34.09 1.16 -4.55
DASHVILLE___HYD 23610	34.47 1.29 0.00	30.39 1.15 0.00	28.64 1.05 0.00	19.17 0.74 0.00	24.02 0.88 0.37	25.88 0.91 0.07	38.81 1.47 0.00	54.38 2.49 0.16	50.45 2.12 0.01	33.40 1.30 2.23	36.72 1.54 1.34	32.20 1.30 0.00	33.81 1.29 0.00	37.56 1.43 0.00	41.22 1.47 0.00	39.30 1.66 0.00	48.77 2.04 0.00	47.86 2.08 0.00	45.51 2.00 0.00	44.02 1.88 0.03	43.94 1.87 0.62	44.14 2.10 0.36	40.07 2.05 0.89	29.01 1.34 0.71
DELAWARE___LFGE 323621	34.04 0.87 0.00	30.10 0.85 0.00	28.37 0.78 0.00	18.91 0.48 0.00	24.13 0.62 0.00	25.65 0.61 0.00	38.28 0.95 0.00	53.29 1.24 0.00	49.27 0.92 0.00	34.89 0.55 0.00	37.05 0.52 0.00	31.63 0.74 0.00	33.32 0.80 0.00	37.10 0.97 0.00	40.70 0.96 0.00	38.68 1.04 0.00	48.03 1.30 0.00	47.04 1.26 0.00	44.59 1.08 0.00	43.23 1.06 0.00	43.71 1.02 0.00	43.39 0.99 0.00	39.83 0.92 0.00	28.99 0.61 0.00
DERFIELD_115KV_TB7 355931	33.35 0.17 0.00	29.42 0.18 0.00	27.75 0.16 0.00	18.53 0.11 0.00	23.65 0.14 0.00	25.18 0.14 0.00	37.54 0.20 0.00	52.36 0.31 0.00	48.63 0.28 0.00	34.48 0.15 0.00	36.68 0.15 0.00	31.02 0.13 0.00	32.64 0.12 0.00	36.28 0.14 0.00	39.90 0.15 0.00	37.84 0.20 0.00	47.06 0.32 0.00	46.19 0.40 0.00	43.85 0.34 0.00	42.49 0.32 0.00	42.94 0.26 0.00	42.65 0.24 0.00	39.11 0.20 0.00	28.52 0.13 0.00
DOGLEVILLE___HYD 23807	35.07 1.89 0.00	30.95 1.71 0.00	29.19 1.61 0.00	19.50 1.08 0.00	24.91 1.40 0.00	26.53 1.49 0.00	39.61 2.27 0.00	55.44 3.39 0.00	51.10 2.75 0.00	35.62 1.28 0.00	38.22 1.69 0.00	31.70 0.81 0.00	33.11 0.60 0.00	36.53 0.40 0.00	40.45 0.71 0.00	38.86 1.22 0.00	48.80 2.07 0.00	48.44 2.66 0.00	46.16 2.64 0.00	44.69 2.52 0.00	45.16 2.47 0.00	44.80 2.39 0.00	41.09 2.18 0.00	29.91 1.53 0.00
DUNKIRK__115KV_TB_200 55889	32.73 -0.45 0.00	28.79 -0.45 0.00	26.87 -0.72 0.00	17.66 -0.77 0.00	22.75 -0.76 0.00	24.28 -0.76 0.00	35.94 -1.39 0.00	49.56 -2.49 0.00	45.93 -2.42 0.00	33.01 -1.32 0.00	35.09 -1.43 0.00	30.87 -0.02 0.00	33.03 0.51 0.00	36.37 0.23 0.00	39.25 -0.50 0.00	36.58 -1.06 0.00	44.92 -1.82 0.00	42.94 -2.85 0.00	40.54 -2.98 0.00	39.60 -2.57 0.00	40.16 -2.53 0.00	39.84 -2.56 0.00	36.67 -2.24 0.00	27.03 -1.35 0.00
DUNKIRK___1 23563	32.73 -0.45 0.00	28.79 -0.45 0.00	26.87 -0.72 0.00	17.66 -0.77 0.00	22.75 -0.76 0.00	24.28 -0.76 0.00	35.94 -1.39 0.00	49.56 -2.49 0.00	45.93 -2.42 0.00	33.01 -1.32 0.00	35.09 -1.43 0.00	30.87 -0.02 0.00	33.03 0.51 0.00	36.37 0.23 0.00	39.25 -0.50 0.00	36.58 -1.06 0.00	44.92 -1.82 0.00	42.94 -2.85 0.00	40.54 -2.98 0.00	39.60 -2.57 0.00	40.16 -2.53 0.00	39.84 -2.56 0.00	36.67 -2.24 0.00	27.03 -1.35 0.00
DUNKIRK___2 23564	32.73 -0.45 0.00	28.79 -0.45 0.00	26.87 -0.72 0.00	17.66 -0.77 0.00	22.75 -0.76 0.00	24.28 -0.76 0.00	35.94 -1.39 0.00	49.56 -2.49 0.00	45.93 -2.42 0.00	33.01 -1.32 0.00	35.09 -1.43 0.00	30.87 -0.02 0.00	33.03 0.51 0.00	36.37 0.23 0.00	39.25 -0.50 0.00	36.58 -1.06 0.00	44.92 -1.82 0.00	42.94 -2.85 0.00	40.54 -2.98 0.00	39.60 -2.57 0.00	40.16 -2.53 0.00	39.84 -2.56 0.00	36.67 -2.24 0.00	27.03 -1.35 0.00
DUNKIRK___3 23565	32.73 -0.45 0.00	28.70 -0.55 0.00	26.88 -0.71 0.00	17.68 -0.74 0.00	22.74 -0.77 0.00	24.29 -0.76 0.00	35.91 -1.42 0.00	49.51 -2.53 0.00	45.94 -2.41 0.00	33.02 -1.31 0.00	35.05 -1.48 0.00	30.79 -0.11 0.00	32.94 0.42 0.00	36.34 0.21 0.00	39.28 -0.46 0.00	36.71 -0.94 0.00	45.09 -1.65 0.00	43.14 -2.64 0.00	40.70 -2.81 0.00	39.74 -2.42 0.00	40.31 -2.37 0.00	39.96 -2.45 0.00	36.72 -2.19 0.00	26.97 -1.41 0.00
DUNKIRK___4 23566	32.73 -0.45 0.00	28.70 -0.55 0.00	26.88 -0.71 0.00	17.68 -0.74 0.00	22.74 -0.77 0.00	24.29 -0.76 0.00	35.91 -1.42 0.00	49.51 -2.53 0.00	45.94 -2.41 0.00	33.02 -1.31 0.00	35.05 -1.48 0.00	30.79 -0.11 0.00	32.94 0.42 0.00	36.34 0.21 0.00	39.28 -0.46 0.00	36.71 -0.94 0.00	45.09 -1.65 0.00	43.14 -2.64 0.00	40.70 -2.81 0.00	39.74 -2.42 0.00	40.31 -2.37 0.00	39.96 -2.45 0.00	36.72 -2.19 0.00	26.97 -1.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.90 1.73 0.00	30.72 1.48 0.00	28.95 1.36 0.00	19.37 0.95 0.00	24.62 1.11 0.00	26.23 1.18 0.00	39.31 1.98 0.00	55.24 3.20 0.00	51.15 2.80 0.00	36.01 1.68 0.00	38.57 2.04 0.00	33.06 2.17 0.00	34.74 2.22 0.00	38.58 2.44 0.00	42.30 2.56 0.00	40.39 2.75 0.00	49.96 3.23 0.00	49.02 3.24 0.00	46.60 3.09 0.00	45.05 2.88 0.00	45.41 2.72 0.00	45.09 2.69 0.00	41.45 2.54 0.00	30.09 1.71 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.84 1.66 0.00	30.67 1.43 0.00	28.91 1.32 0.00	19.35 0.93 0.00	24.60 1.09 0.00	26.21 1.17 0.00	39.30 1.96 0.00	55.22 3.17 0.00	51.05 2.70 0.00	35.91 1.57 0.00	38.34 1.81 0.00	32.76 1.87 0.00	34.40 1.89 0.00	38.21 2.08 0.00	41.92 2.18 0.00	40.02 2.38 0.00	49.58 2.84 0.00	48.65 2.87 0.00	46.28 2.76 0.00	44.76 2.59 0.00	45.15 2.46 0.00	44.88 2.48 0.00	41.25 2.34 0.00	29.94 1.56 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.08 1.90 0.00	30.87 1.62 0.00	29.08 1.49 0.00	19.46 1.04 0.00	24.70 1.19 0.00	26.33 1.29 0.00	39.51 2.18 0.00	55.49 3.44 0.00	51.39 3.05 0.00	36.18 1.84 0.00	38.76 2.24 0.00	33.23 2.34 0.00	34.89 2.37 0.00	38.72 2.59 0.00	42.53 2.78 0.00	40.60 2.96 0.00	50.08 3.34 0.00	49.16 3.37 0.00	46.72 3.20 0.00	45.18 3.01 0.00	45.52 2.83 0.00	45.26 2.86 0.00	41.55 2.64 0.00	30.17 1.79 0.00

E179THST_13_KV_LOAD 356214	35.21 2.03 0.00	30.97 1.73 0.00	29.18 1.60 0.00	19.52 1.10 0.00	24.79 1.28 0.00	26.42 1.38 0.00	39.66 2.33 0.00	55.71 3.66 0.00	51.63 3.28 0.00	36.33 1.99 0.00	38.92 2.40 0.00	33.37 2.48 0.00	35.05 2.53 0.00	38.90 2.77 0.00	42.71 2.97 0.00	40.79 3.15 0.00	50.31 3.57 0.00	49.39 3.60 0.00	46.94 3.42 0.00	45.39 3.23 0.00	45.73 3.04 0.00	45.46 3.06 0.00	41.73 2.82 0.00	30.29 1.91 0.00
EAST HAMPTON___GT 23717	33.55 0.37 0.00	29.46 0.22 0.00	27.74 0.16 0.00	18.55 0.12 0.00	23.44 -0.07 0.00	22.24 0.04 2.84	31.02 0.31 6.62	42.61 0.96 10.40	49.88 3.78 2.25	28.48 2.08 7.93	39.30 2.78 0.00	33.70 2.81 0.00	35.21 2.69 0.00	38.13 2.67 0.68	37.41 3.02 5.35	36.20 3.48 4.92	44.93 4.85 6.66	49.12 4.88 1.55	47.33 4.72 0.91	44.36 3.88 1.69	36.98 1.33 7.03	37.39 1.03 6.05	34.88 1.15 5.18	28.15 1.47 1.71
EAST RIVER___6 23660	35.13 1.95 0.00	30.89 1.64 0.00	29.10 1.51 0.00	19.47 1.05 0.00	24.73 1.22 0.00	26.38 1.34 0.00	39.61 2.28 0.00	55.65 3.60 0.00	51.57 3.22 0.00	36.35 2.02 0.00	38.96 2.44 0.00	33.43 2.53 0.00	35.14 2.62 0.00	39.01 2.88 0.00	42.76 3.01 0.00	40.83 3.19 0.00	50.43 3.69 0.00	49.44 3.65 0.00	46.99 3.48 0.00	45.40 3.24 0.00	45.73 3.04 0.00	45.39 2.98 0.00	41.70 2.79 0.00	30.25 1.87 0.00
EAST RIVER___7 23524	35.13 1.95 0.00	30.89 1.64 0.00	29.10 1.51 0.00	19.47 1.05 0.00	24.73 1.22 0.00	26.38 1.34 0.00	39.61 2.28 0.00	55.65 3.60 0.00	51.57 3.22 0.00	36.35 2.02 0.00	38.96 2.44 0.00	33.43 2.53 0.00	35.14 2.62 0.00	39.01 2.88 0.00	42.76 3.01 0.00	40.83 3.19 0.00	50.43 3.69 0.00	49.44 3.65 0.00	46.99 3.48 0.00	45.40 3.24 0.00	45.73 3.04 0.00	45.39 2.98 0.00	41.70 2.79 0.00	30.25 1.87 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.86 1.68 0.00	30.69 1.44 0.00	28.91 1.33 0.00	19.36 0.93 0.00	24.60 1.09 0.00	26.20 1.16 0.00	39.28 1.95 0.00	55.18 3.14 0.00	51.09 2.74 0.00	35.96 1.63 0.00	38.50 1.97 0.00	32.98 2.09 0.00	34.66 2.14 0.00	38.50 2.37 0.00	42.23 2.48 0.00	40.31 2.67 0.00	49.87 3.13 0.00	48.91 3.13 0.00	46.52 3.00 0.00	44.96 2.80 0.00	45.33 2.64 0.00	45.02 2.62 0.00	41.38 2.47 0.00	30.05 1.67 0.00
EAST_HAMPTON___DIESEL 23722	33.44 0.26 0.00	29.35 0.11 0.00	27.64 0.06 0.00	18.49 0.06 0.00	23.36 -0.15 0.00	22.16 -0.05 2.84	30.89 0.18 6.62	42.43 0.78 10.40	49.89 3.79 2.25	28.49 2.08 7.93	39.31 2.78 0.00	33.71 2.81 0.00	35.22 2.70 0.00	38.13 2.68 0.68	37.43 3.03 5.35	36.22 3.50 4.92	44.94 4.87 6.66	49.12 4.89 1.55	47.33 4.73 0.91	44.38 3.90 1.69	36.87 1.21 7.03	37.25 0.89 6.05	34.76 1.03 5.18	28.09 1.41 1.71
EAST_POINT___SOLAR 323840	34.36 1.19 0.00	30.27 1.03 0.00	28.48 0.90 0.00	18.98 0.56 0.00	24.74 0.78 -0.45	26.04 0.91 -0.09	38.99 1.65 0.00	54.71 2.47 -0.19	50.30 1.94 -0.02	38.04 1.05 -2.65	38.74 0.62 -1.59	31.08 0.19 0.00	32.66 0.14 0.00	35.97 -0.16 0.00	39.86 0.12 0.00	38.39 0.75 0.00	48.01 1.27 0.00	47.59 1.81 0.00	45.53 2.02 0.00	44.19 1.99 -0.03	45.17 1.89 -0.59	44.47 1.73 -0.34	41.24 1.49 -0.85	30.06 1.00 -0.68
EAST_PULASKI___ESR 323781	32.53 -0.65 0.00	28.77 -0.48 0.00	27.13 -0.45 0.00	18.08 -0.34 0.00	23.12 -0.39 0.00	24.66 -0.39 0.00	36.77 -0.56 0.00	51.26 -0.78 0.00	47.20 -1.15 0.00	33.47 -0.86 0.00	35.88 -0.65 0.00	30.42 -0.48 0.00	32.00 -0.52 0.00	35.62 -0.51 0.00	39.22 -0.53 0.00	37.24 -0.40 0.00	46.03 -0.70 0.00	45.32 -0.46 0.00	43.00 -0.51 0.00	41.72 -0.45 0.00	42.21 -0.48 0.00	41.74 -0.66 0.00	38.19 -0.71 0.00	27.90 -0.48 0.00
EAST_RIVER___1 323558	35.12 1.94 0.00	30.89 1.65 0.00	29.10 1.52 0.00	19.48 1.06 0.00	24.74 1.23 0.00	26.38 1.33 0.00	39.58 2.25 0.00	55.61 3.56 0.00	51.51 3.16 0.00	36.29 1.95 0.00	38.87 2.34 0.00	33.34 2.45 0.00	35.04 2.53 0.00	38.93 2.80 0.00	42.67 2.93 0.00	40.75 3.11 0.00	50.33 3.60 0.00	49.35 3.57 0.00	46.91 3.40 0.00	45.33 3.16 0.00	45.67 2.99 0.00	45.36 2.95 0.00	41.66 2.76 0.00	30.25 1.87 0.00
EAST_RIVER___2 323559	35.13 1.95 0.00	30.89 1.64 0.00	29.10 1.51 0.00	19.47 1.05 0.00	24.73 1.22 0.00	26.38 1.34 0.00	39.61 2.28 0.00	55.65 3.60 0.00	51.57 3.22 0.00	36.35 2.02 0.00	38.96 2.44 0.00	33.43 2.53 0.00	35.14 2.62 0.00	39.01 2.88 0.00	42.76 3.01 0.00	40.83 3.19 0.00	50.43 3.69 0.00	49.44 3.65 0.00	46.99 3.48 0.00	45.40 3.24 0.00	45.73 3.04 0.00	45.39 2.98 0.00	41.70 2.79 0.00	30.25 1.87 0.00
EAST___DELAWARE_HYD 23607	34.26 1.08 0.00	30.18 0.93 0.00	28.44 0.86 0.00	19.01 0.59 0.00	24.03 0.69 0.17	25.73 0.72 0.03	38.65 1.32 0.00	54.45 2.47 0.07	50.28 1.94 0.01	34.33 1.05 1.05	36.97 1.08 0.63	32.00 1.11 0.00	33.51 0.99 0.00	36.37 0.24 0.00	39.93 0.19 0.00	38.15 0.51 0.00	47.43 0.70 0.00	46.65 0.86 0.00	44.40 0.89 0.00	42.94 0.78 0.01	43.22 0.80 0.27	44.05 1.81 0.16	40.20 1.69 0.40	29.13 1.07 0.32
EIGHT_POINT___WT_PWR 323820	32.89 -0.29 0.00	28.59 -0.65 0.00	26.82 -0.77 0.00	17.93 -0.49 0.00	22.86 -0.65 0.00	24.04 -1.01 0.00	35.83 -1.51 0.00	48.93 -3.12 0.00	45.12 -3.23 0.00	31.54 -2.80 0.00	32.86 -3.67 0.00	28.68 -2.21 0.00	30.79 -1.72 0.00	34.66 -1.47 0.00	38.15 -1.60 0.00	36.08 -1.56 0.00	44.19 -2.55 0.00	42.48 -3.31 0.00	40.29 -3.22 0.00	38.93 -3.23 0.00	39.19 -3.50 0.00	38.77 -3.63 0.00	35.36 -3.54 0.00	25.84 -2.55 0.00
ELBRIDGE_115KV_TB2 80188	32.75 -0.43 0.00	28.81 -0.43 0.00	27.20 -0.39 0.00	18.15 -0.27 0.00	23.18 -0.33 0.00	24.70 -0.35 0.00	36.85 -0.49 0.00	51.28 -0.76 0.00	47.43 -0.92 0.00	33.57 -0.76 0.00	35.68 -0.85 0.00	30.46 -0.43 0.00	32.20 -0.32 0.00	35.80 -0.33 0.00	39.30 -0.44 0.00	37.25 -0.39 0.00	46.17 -0.57 0.00	45.20 -0.59 0.00	42.90 -0.61 0.00	41.61 -0.56 0.00	42.13 -0.56 0.00	41.77 -0.63 0.00	38.26 -0.65 0.00	27.88 -0.50 0.00
ELEC_TRO_TEK 24086	34.89 1.71 0.00	30.71 1.47 0.00	28.90 1.31 0.00	19.33 0.91 0.00	24.49 0.98 0.00	26.07 1.03 0.00	39.06 1.72 0.00	54.97 2.92 0.00	50.86 2.52 0.00	34.88 1.38 0.83	38.61 2.09 0.00	33.08 2.19 0.00	34.68 2.16 0.00	38.34 2.21 0.00	42.13 2.39 0.00	40.27 2.63 0.00	49.86 3.12 0.00	48.96 3.18 0.00	46.60 3.07 -0.02	44.94 2.77 0.00	45.25 2.57 0.00	44.99 2.58 0.00	41.35 2.44 0.00	30.09 1.70 0.00
ELLENBURG_WT_PWR 323604	33.64 0.46 0.00	29.58 0.33 0.00	27.92 0.33 0.00	18.68 0.26 0.00	23.87 0.36 0.00	25.31 0.27 0.00	37.43 0.10 0.00	51.88 -0.17 0.00	48.08 -0.26 0.00	34.51 0.18 0.00	36.79 0.26 4.40	26.33 -0.17 14.17	17.50 -0.85 13.68	21.58 -0.87 0.00	39.71 -0.04 0.00	37.20 -0.44 0.00	46.09 -0.64 0.00	44.91 -0.88 0.00	42.95 -0.56 0.00	41.54 -0.62 0.00	42.35 -0.34 0.00	42.24 -0.16 0.00	39.16 0.26 0.00	28.69 0.30 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.66 -0.52 0.00	28.41 -0.83 0.00	26.71 -0.87 0.00	17.61 -0.82 0.00	22.57 -0.94 0.00	24.20 -0.85 0.00	35.61 -1.72 0.00	49.02 -3.03 0.00	45.74 -2.61 0.00	33.02 -1.31 0.00	34.96 -1.57 0.00	30.60 -0.29 0.00	32.78 0.26 0.00	36.25 0.12 0.00	39.20 -0.55 0.00	36.78 -0.87 0.00	45.21 -1.53 0.00	43.22 -2.56 0.00	40.68 -2.84 0.00	39.69 -2.48 0.00	40.23 -2.46 0.00	39.86 -2.54 0.00	36.52 -2.39 0.00	26.66 -1.72 0.00
EMPIRE_CC_1 323656	33.57 0.39 0.00	29.69 0.44 0.00	27.97 0.39 0.00	18.77 0.35 0.00	20.55 0.43 3.39	24.82 0.42 0.65	37.78 0.44 0.00	51.02 0.41 1.44	48.57 0.35 0.13	14.47 0.42 20.29	24.75 0.43 12.20	31.21 0.32 0.00	32.51 -0.01 0.00	36.16 0.02 0.00	39.51 -0.23 0.00	37.44 -0.20 0.00	46.68 -0.05 0.00	45.95 0.17 0.00	43.75 0.23 0.00	42.20 0.24 0.20	38.60 0.23 4.32	40.12 0.20 2.49	32.95 0.28 6.24	23.73 0.33 4.98
EMPIRE_CC_2 323658	33.57 0.39 0.00	29.69 0.44 0.00	27.97 0.39 0.00	18.77 0.35 0.00	20.55 0.43 3.39	24.82 0.42 0.65	37.78 0.44 0.00	51.02 0.41 1.44	48.57 0.35 0.13	14.47 0.42 20.29	24.75 0.43 12.20	31.21 0.32 0.00	32.51 -0.01 0.00	36.16 0.02 0.00	39.51 -0.23 0.00	37.44 -0.20 0.00	46.68 -0.05 0.00	45.95 0.17 0.00	43.75 0.23 0.00	42.20 0.24 0.20	38.60 0.23 4.32	40.12 0.20 2.49	32.95 0.28 6.24	23.73 0.33 4.98
ENORWICH_115KV_TB1 80156	34.93 1.75 0.00	30.88 1.64 0.00	29.10 1.51 0.00	19.33 0.91 0.00	24.74 1.23 0.00	26.46 1.41 0.00	39.49 2.16 0.00	54.98 2.93 0.00	50.28 1.93 0.00	35.41 1.08 0.00	37.05 0.52 0.00	31.67 0.79 0.00	33.48 0.96 0.00	37.59 1.46 0.00	41.57 1.82 0.00	39.54 1.89 0.00	49.26 2.53 0.00	48.15 2.37 0.00	45.85 2.34 0.00	44.50 2.34 0.00	44.79 2.11 0.00	43.93 1.53 0.00	40.35 1.44 0.00	29.31 0.92 0.00
ERIE_ST__34_KV_TB1-2 80199	32.86 -0.31 0.00	28.58 -0.67 0.00	26.88 -0.71 0.00	17.73 -0.70 0.00	22.72 -0.79 0.00	24.33 -0.71 0.00	35.89 -1.45 0.00	49.59 -2.46 0.00	46.24 -2.10 0.00	33.30 -1.04 0.00	35.23 -1.30 0.00	30.83 -0.06 0.00	33.02 0.51 0.00	36.56 0.43 0.00	39.60 -0.15 0.00	37.18 -0.47 0.00	45.74 -0.99 0.00	43.80 -1.98 0.00	41.29 -2.23 0.00	40.20 -1.97 0.00	40.77 -1.91 0.00	40.32 -2.09 0.00	36.88 -2.03 0.00	26.90 -1.48 0.00
ERIE_WT_PWR 323693	32.83 -0.35 0.00	28.52 -0.73 0.00	26.84 -0.74 0.00	17.69 -0.73 0.00	22.63 -0.88 0.00	24.26 -0.78 0.00	35.75 -1.58 0.00	49.21 -2.84 0.00	45.90 -2.45 0.00	33.09 -1.24 0.00	35.01 -1.52 0.00	30.64 -0.25 0.00	32.85 0.33 0.00	36.36 0.23 0.00	39.37 -0.38 0.00	36.97 -0.66 0.00	45.47 -1.27 0.00	43.48 -2.30 0.00	40.96 -2.55 0.00	39.91 -2.26 0.00	40.46 -2.23 0.00	40.03 -2.37 0.00	36.63 -2.27 0.00	26.73 -1.65 0.00
ESPRGFLD_115KV_TB1 80157	33.89 0.71 0.00	29.90 0.66 0.00	28.14 0.56 0.00	18.71 0.29 0.00	24.23 0.42 -0.30	25.58 0.48 -0.06	38.25 0.92 0.00	53.47 1.30 -0.13	49.28 0.92 -0.01	36.60 0.53 -1.74	37.99 0.41 -1.05	31.53 0.64 0.00	33.28 0.76 0.00	37.00 0.87 0.00	40.72 0.97 0.00	38.67 1.03 0.00	48.08 1.34 0.00	47.08 1.30 0.00	44.60 1.08 0.00	43.30 1.11 -0.02	44.07 0.99 -0.39	43.46 0.83 -0.22	40.19 0.72 -0.56	29.29 0.46 -0.45
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.69 0.51 0.00	29.65 0.41 0.00	27.97 0.38 0.00	18.64 0.22 0.00	23.82 0.31 0.00	25.38 0.34 0.00	37.94 0.60 0.00	52.79 0.75 0.00	48.75 0.40 0.00	34.31 -0.02 0.00	36.27 -0.26 0.00	31.10 0.21 0.00	32.89 0.37 0.00	36.73 0.60 0.00	40.43 0.68 0.00	38.31 0.67 0.00	47.52 0.79 0.00	46.50 0.72 0.00	44.22 0.70 0.00	42.93 0.76 0.00	43.43 0.75 0.00	42.98 0.57 0.00	39.36 0.45 0.00	28.64 0.26 0.00
ETNA____115KV_TB2 80207	33.69 0.51 0.00	29.65 0.41 0.00	27.97 0.38 0.00	18.64 0.22 0.00	23.82 0.31 0.00	25.38 0.34 0.00	37.94 0.60 0.00	52.79 0.75 0.00	48.75 0.40 0.00	34.31 -0.02 0.00	36.27 -0.26 0.00	31.10 0.21 0.00	32.89 0.37 0.00	36.73 0.60 0.00	40.43 0.68 0.00	38.31 0.67 0.00	47.52 0.79 0.00	46.50 0.72 0.00	44.22 0.70 0.00	42.93 0.76 0.00	43.43 0.75 0.00	42.98 0.57 0.00	39.36 0.45 0.00	28.64 0.26 0.00
EUCLID____115KV_TB2 356179	32.56 -0.62 0.00	28.67 -0.57 0.00	27.04 -0.55 0.00	18.04 -0.38 0.00	23.04 -0.47 0.00	24.55 -0.49 0.00	36.65 -0.68 0.00	51.04 -1.01 0.00	47.22 -1.12 0.00	33.50 -0.83 0.00	35.69 -0.84 0.00	30.42 -0.47 0.00	32.11 -0.41 0.00	35.70 -0.43 0.00	39.16 -0.59 0.00	37.11 -0.53 0.00	45.99 -0.75 0.00	45.02 -0.76 0.00	42.72 -0.79 0.00	41.43 -0.74 0.00	41.91 -0.77 0.00	41.56 -0.85 0.00	38.06 -0.84 0.00	27.74 -0.64 0.00
E_CANADA_CAP_HY 24051	33.75 0.57 0.00	29.72 0.47 0.00	27.98 0.39 0.00	18.62 0.20 0.00	24.24 0.32 -0.41	25.53 0.41 -0.08	38.15 0.82 0.00	53.42 1.21 -0.17	49.28 0.91 -0.02	37.19 0.46 -2.40	38.40 0.43 -1.44	31.28 0.39 0.00	32.82 0.30 0.00	36.35 0.22 0.00	40.06 0.32 0.00	38.13 0.49 0.00	47.58 0.84 0.00	46.82 1.04 0.00	44.44 0.92 0.00	43.13 0.94 -0.02	44.06 0.85 -0.53	43.44 0.73 -0.31	40.30 0.63 -0.77	29.42 0.43 -0.61
E_CANADA_MHWK_HY 24050	35.06 1.88 0.00	30.95 1.71 0.00	29.19 1.61 0.00	19.50 1.08 0.00	24.91 1.40 0.00	26.53 1.49 0.00	39.61 2.27 0.00	55.44 3.39 0.00	51.10 2.75 0.00	35.62 1.28 0.00	38.22 1.69 0.00	31.70 0.81 0.00	33.11 0.60 0.00	36.53 0.40 0.00	40.45 0.71 0.00	38.86 1.22 0.00	48.80 2.07 0.00	48.44 2.66 0.00	46.16 2.64 0.00	44.69 2.52 0.00	45.16 2.47 0.00	44.79 2.39 0.00	41.09 2.18 0.00	29.91 1.53 0.00
E_FISHKILL__LBMP 23776	34.49 1.31 0.00	30.41 1.16 0.00	28.65 1.06 0.00	19.18 0.76 0.00	24.39 0.89 0.00	25.96 0.92 0.00	38.82 1.49 0.00	54.47 2.42 0.00	50.45 2.10 0.00	35.55 1.22 0.00	38.05 1.52 0.00	32.56 1.66 0.00	34.20 1.68 0.00	38.01 1.87 0.00	41.68 1.93 0.00	39.75 2.11 0.00	49.20 2.47 0.00	48.26 2.47 0.00	45.88 2.37 0.00	44.38 2.21 0.00	44.76 2.07 0.00	44.45 2.05 0.00	40.89 1.98 0.00	29.70 1.32 0.00
FALCON__SEABRD_CC1 323796	33.86 0.68 0.00	29.75 0.50 0.00	28.06 0.47 0.00	18.81 0.39 0.00	24.04 0.53 0.00	25.28 0.23 0.00	37.00 -0.33 0.00	51.02 -1.03 0.00	47.36 -0.98 0.00	34.19 -0.15 0.00	36.53 0.00 4.40	26.28 -0.22 14.29	17.04 -1.19 13.80	20.86 -1.48 0.00	39.29 -0.46 0.00	36.67 -0.97 0.00	45.13 -1.60 0.00	43.69 -2.09 0.00	36.33 -1.73 5.46	1.24 -1.81 39.12	41.36 -1.33 0.00	41.64 -0.76 0.00	39.34 0.43 0.00	28.93 0.55 0.00
FALCON__SEABRD_CC2 323797	33.86 0.68 0.00	29.75 0.50 0.00	28.06 0.47 0.00	18.81 0.39 0.00	24.04 0.53 0.00	25.28 0.23 0.00	37.00 -0.33 0.00	51.02 -1.03 0.00	47.36 -0.98 0.00	34.19 -0.15 0.00	36.53 0.00 4.40	26.28 -0.22 14.29	17.04 -1.19 13.80	20.86 -1.48 0.00	39.29 -0.46 0.00	36.67 -0.97 0.00	45.13 -1.60 0.00	43.69 -2.09 0.00	36.33 -1.73 5.46	1.24 -1.81 39.12	41.36 -1.33 0.00	41.64 -0.76 0.00	39.34 0.43 0.00	28.93 0.55 0.00

FAR ROCKAWAY___4 23548	35.30 2.12 0.00	31.05 1.81 0.00	29.20 1.62 0.00	19.53 1.11 0.00	24.75 1.24 0.00	26.36 1.32 0.00	39.47 2.14 0.00	55.56 3.51 0.00	51.34 3.00 0.00	36.15 1.71 -0.11	39.05 2.52 0.00	33.49 2.60 0.00	34.88 2.36 0.00	38.73 2.60 0.00	42.60 2.86 0.00	40.74 3.10 0.00	50.45 3.71 0.00	49.55 3.76 0.00	47.17 3.64 -0.01	45.48 3.31 0.00	45.77 3.08 0.00	45.48 3.08 0.00	41.86 2.95 0.00	30.43 2.04 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.13 1.95 0.00	30.89 1.65 0.00	29.11 1.52 0.00	19.48 1.06 0.00	24.75 1.23 0.00	26.38 1.33 0.00	39.58 2.25 0.00	55.61 3.57 0.00	51.49 3.15 0.00	36.27 1.94 0.00	38.85 2.32 0.00	33.32 2.43 0.00	35.02 2.50 0.00	38.90 2.77 0.00	42.65 2.90 0.00	40.73 3.09 0.00	50.31 3.57 0.00	49.34 3.56 0.00	46.89 3.37 0.00	45.32 3.16 0.00	45.66 2.98 0.00	45.35 2.95 0.00	41.66 2.75 0.00	30.25 1.87 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.14 1.96 0.00	30.90 1.66 0.00	29.11 1.52 0.00	19.48 1.06 0.00	24.75 1.23 0.00	26.38 1.33 0.00	39.58 2.25 0.00	55.61 3.57 0.00	51.49 3.15 0.00	36.27 1.94 0.00	38.85 2.32 0.00	33.31 2.42 0.00	35.01 2.50 0.00	38.89 2.76 0.00	42.64 2.90 0.00	40.72 3.08 0.00	50.30 3.57 0.00	49.33 3.55 0.00	46.89 3.37 0.00	45.32 3.16 0.00	45.67 2.98 0.00	45.36 2.95 0.00	41.66 2.75 0.00	30.25 1.87 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.12 1.94 0.00	30.88 1.64 0.00	29.09 1.51 0.00	19.47 1.05 0.00	24.73 1.22 0.00	26.36 1.32 0.00	39.55 2.21 0.00	55.57 3.52 0.00	51.47 3.12 0.00	36.24 1.91 0.00	38.82 2.30 0.00	33.30 2.41 0.00	35.00 2.48 0.00	38.87 2.74 0.00	42.62 2.87 0.00	40.69 3.05 0.00	50.28 3.54 0.00	49.30 3.51 0.00	46.86 3.34 0.00	45.29 3.11 0.00	45.63 2.94 0.00	45.32 2.92 0.00	41.65 2.74 0.00	30.23 1.85 0.00
FARRAGUT___LBMP 323566	35.08 1.90 0.00	30.87 1.62 0.00	29.08 1.49 0.00	19.46 1.04 0.00	24.72 1.21 0.00	26.35 1.31 0.00	39.54 2.21 0.00	55.53 3.48 0.00	51.42 3.07 0.00	36.22 1.88 0.00	33.28 2.27 0.00	34.97 2.38 0.00	38.84 2.46 0.00	42.58 2.71 0.00	40.67 2.84 0.00	50.24 3.02 0.00	49.26 3.50 0.00	46.83 3.48 0.00	45.25 3.32 0.00	45.61 3.08 0.00	45.29 2.92 0.00	41.61 2.88 0.00	30.22 2.71 0.00	1.84 1.84 0.00
FENNER___WINDPWR 24204	33.74 0.56 0.00	29.76 0.52 0.00	28.06 0.47 0.00	18.72 0.29 0.00	23.92 0.41 0.00	25.51 0.47 0.00	38.11 0.78 0.00	53.15 1.10 0.00	49.01 0.67 0.00	34.71 0.37 0.00	36.89 0.36 0.00	31.26 0.36 0.00	33.00 0.48 0.00	36.90 0.77 0.00	40.67 0.92 0.00	38.52 0.88 0.00	47.89 1.15 0.00	47.01 1.22 0.00	44.50 0.99 0.00	43.10 0.93 0.00	43.45 0.76 0.00	43.04 0.63 0.00	39.34 0.43 0.00	28.66 0.27 0.00
FIBERTEK___ENERGY 23856	32.89 -0.29 0.00	28.96 -0.29 0.00	27.31 -0.27 0.00	18.23 -0.19 0.00	23.28 -0.23 0.00	24.79 -0.25 0.00	37.03 -0.30 0.00	51.55 -0.49 0.00	47.67 -0.68 0.00	33.75 -0.58 0.00	35.90 -0.63 0.00	30.64 -0.25 0.00	32.37 -0.15 0.00	36.00 -0.13 0.00	39.50 -0.25 0.00	37.45 -0.19 0.00	46.42 -0.31 0.00	45.46 -0.33 0.00	43.15 -0.37 0.00	41.84 -0.32 0.00	42.34 -0.35 0.00	41.98 -0.42 0.00	38.44 -0.47 0.00	28.01 -0.37 0.00
FITZPATRICK___ 23598	32.09 -1.09 0.00	28.27 -0.98 0.00	26.66 -0.93 0.00	17.80 -0.62 0.00	22.72 -0.80 0.00	24.22 -0.83 0.00	36.13 -1.21 0.00	50.30 -1.75 0.00	46.56 -1.78 0.00	33.06 -1.27 0.00	35.20 -1.33 0.00	29.93 -0.96 0.00	31.56 -0.96 0.00	35.08 -1.05 0.00	38.51 -1.24 0.00	36.50 -1.14 0.00	45.26 -1.48 0.00	44.32 -1.47 0.00	42.07 -1.44 0.00	40.80 -1.37 0.00	41.28 -1.41 0.00	40.96 -1.45 0.00	37.53 -1.38 0.00	27.38 -1.00 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.95 1.77 0.00	30.77 1.53 0.00	29.00 1.41 0.00	19.40 0.98 0.00	24.69 1.18 0.00	26.30 1.25 0.00	39.38 2.05 0.00	55.31 3.26 0.00	51.20 2.85 0.00	36.06 1.73 0.00	38.54 2.01 0.00	32.90 2.01 0.00	34.54 2.02 0.00	38.40 2.26 0.00	42.17 2.42 0.00	40.23 2.59 0.00	49.84 3.11 0.00	48.91 3.13 0.00	46.52 3.01 0.00	45.00 2.83 0.00	45.39 2.70 0.00	45.09 2.69 0.00	41.44 2.53 0.00	30.07 1.69 0.00
FORT ORANGE___ 23900	33.47 0.29 0.00	29.58 0.34 0.00	27.88 0.29 0.00	18.67 0.25 0.00	23.06 0.87 1.33	26.19 1.40 0.25	39.41 2.07 0.00	54.69 3.20 0.56	51.21 2.92 0.05	27.79 1.42 7.96	32.81 1.07 4.79	31.60 0.71 0.00	32.92 0.40 0.00	36.63 0.50 0.00	40.01 0.27 0.00	37.39 -0.25 0.00	46.67 -0.07 0.00	45.93 0.14 0.00	43.72 0.20 0.00	42.19 0.18 0.16	39.49 0.14 3.34	40.59 0.12 1.93	34.24 0.17 4.84	24.71 0.19 3.86
FORT_DRUM_COGEN 23780	33.44 0.26 0.00	29.84 0.59 0.00	28.15 0.56 0.00	18.68 0.25 0.00	23.99 0.48 0.00	25.63 0.58 0.00	38.15 0.82 0.00	53.47 1.42 0.00	48.36 0.02 0.00	34.29 -0.04 0.00	37.33 0.80 0.00	31.45 0.55 0.00	33.12 0.19 -0.42	36.93 0.37 -0.43	40.66 0.91 0.00	38.62 0.97 0.00	47.56 0.83 0.00	47.63 1.84 0.00	45.13 1.61 0.00	43.85 1.68 0.00	44.21 1.52 0.00	43.22 0.81 0.00	39.22 0.32 0.00	28.68 0.30 0.00
FOX_HILLS___ESR 323835	35.23 2.06 0.00	31.00 1.76 0.00	29.20 1.62 0.00	19.54 1.12 0.00	24.83 1.32 0.00	26.47 1.43 0.00	39.72 2.38 0.00	55.72 3.67 0.00	51.62 3.28 0.00	36.30 1.97 0.00	38.88 2.36 0.00	33.32 2.43 0.00	35.01 2.49 0.00	38.91 2.78 0.00	42.67 2.92 0.00	40.70 3.06 0.00	50.19 3.46 0.00	49.30 3.51 0.00	46.86 3.35 0.00	45.35 3.19 0.00	45.67 2.98 0.00	45.48 3.07 0.00	41.81 2.90 0.00	30.35 1.96 0.00
FPL_FAR_ROCK_GT1 24212	35.30 2.12 0.00	31.05 1.81 0.00	29.20 1.62 0.00	19.53 1.11 0.00	24.75 1.24 0.00	26.37 1.32 0.00	39.47 2.14 0.00	55.57 3.52 0.00	51.34 3.00 0.00	36.15 1.71 -0.11	39.05 2.52 0.00	33.49 2.60 0.00	34.88 2.36 0.00	38.73 2.60 0.00	42.61 2.87 0.00	40.74 3.10 0.00	50.45 3.71 0.00	49.55 3.76 0.00	47.17 3.64 -0.01	45.48 3.31 0.00	45.77 3.08 0.00	45.48 3.08 0.00	41.87 2.96 0.00	30.43 2.05 0.00
FPL_FAR_ROCK_GT2 23815	35.30 2.12 0.00	31.05 1.81 0.00	29.20 1.62 0.00	19.53 1.11 0.00	24.75 1.24 0.00	26.37 1.32 0.00	39.47 2.14 0.00	55.57 3.52 0.00	51.34 3.00 0.00	36.15 1.71 -0.11	39.05 2.52 0.00	33.49 2.60 0.00	34.88 2.36 0.00	38.73 2.60 0.00	42.61 2.87 0.00	40.74 3.10 0.00	50.45 3.71 0.00	49.55 3.76 0.00	47.17 3.64 -0.01	45.48 3.31 0.00	45.77 3.08 0.00	45.48 3.08 0.00	41.87 2.96 0.00	30.43 2.05 0.00
FRANKLIN_FALL_HYD 24054	34.01 0.83 0.00	29.89 0.64 0.00	28.21 0.62 0.00	18.86 0.44 0.00	24.12 0.61 0.00	25.65 0.60 0.00	38.03 0.70 0.00	52.92 0.87 0.00	48.98 0.63 0.00	35.14 0.81 0.00	37.49 0.96 0.00	31.45 0.56 0.00	38.17 0.04 -5.61	37.65 -0.05 -1.57	40.41 0.67 0.00	37.87 0.22 0.00	46.83 0.09 0.00	45.83 0.04 0.00	44.18 0.41 -0.26	44.38 0.38 -1.83	43.36 0.67 0.00	43.16 0.76 0.00	39.82 0.91 0.00	29.12 0.74 0.00

FREEPORT_EQUS_GT1 23764	35.01 1.82 0.00	30.80 1.56 0.00	28.98 1.40 0.00	19.38 0.96 0.00	24.54 1.03 0.00	26.12 1.08 0.00	39.13 1.80 0.00	55.14 3.09 0.00	51.01 2.67 0.00	32.68 1.43 3.08	38.68 2.15 0.00	33.14 2.25 0.00	34.74 2.22 0.00	38.35 2.22 0.00	42.15 2.41 0.00	40.33 2.69 0.00	49.93 3.20 0.00	49.16 3.38 0.00	46.82 3.29 -0.01	45.15 2.98 0.00	45.43 2.74 0.00	45.16 2.76 0.00	41.51 2.60 0.00	30.20 1.82 0.00
FREEPORT___CT2 23818	35.01 1.82 0.00	30.80 1.56 0.00	28.98 1.40 0.00	19.38 0.96 0.00	24.54 1.03 0.00	26.12 1.08 0.00	39.13 1.80 0.00	55.14 3.09 0.00	51.01 2.67 0.00	32.68 1.43 3.08	38.68 2.15 0.00	33.14 2.25 0.00	34.74 2.22 0.00	38.35 2.22 0.00	42.15 2.41 0.00	40.33 2.69 0.00	49.93 3.20 0.00	49.16 3.38 0.00	46.82 3.29 -0.01	45.15 2.98 0.00	45.43 2.74 0.00	45.16 2.76 0.00	41.51 2.60 0.00	30.20 1.82 0.00
FRESHKLS_33_KV_LOAD 356253	35.34 2.16 0.00	31.09 1.85 0.00	29.30 1.71 0.00	19.60 1.18 0.00	24.90 1.39 0.00	26.55 1.51 0.00	39.83 2.49 0.00	55.83 3.79 0.00	51.72 3.37 0.00	36.37 2.04 0.00	38.94 2.41 0.00	33.36 2.47 0.00	35.05 2.53 0.00	38.95 2.82 0.00	42.71 2.96 0.00	40.75 3.11 0.00	50.23 3.49 0.00	49.33 3.55 0.00	46.89 3.38 0.00	45.41 3.24 0.00	45.71 3.03 0.00	45.56 3.16 0.00	41.93 3.02 0.00	30.43 2.05 0.00
FULTON COGEN____ 23766	32.39 -0.79 0.00	28.53 -0.71 0.00	26.91 -0.68 0.00	17.96 -0.46 0.00	22.92 -0.59 0.00	24.44 -0.60 0.00	36.50 -0.83 0.00	50.82 -1.22 0.00	47.01 -1.34 0.00	33.36 -0.97 0.00	35.60 -0.93 0.00	30.31 -0.58 0.00	31.96 -0.55 0.00	35.53 -0.60 0.00	38.97 -0.78 0.00	36.95 -0.69 0.00	45.78 -0.96 0.00	44.86 -0.92 0.00	42.60 -0.91 0.00	41.31 -0.86 0.00	41.79 -0.90 0.00	41.43 -0.97 0.00	37.97 -0.94 0.00	27.69 -0.69 0.00
FULTON___LFGE 323630	34.29 1.11 0.00	30.22 0.97 0.00	28.45 0.86 0.00	18.96 0.54 0.00	24.72 0.75 -0.46	25.98 0.85 -0.09	38.82 1.48 0.00	54.47 2.76 -0.19	50.21 1.84 -0.02	37.98 0.94 -2.71	39.31 1.15 -1.63	31.41 0.52 0.00	32.80 0.28 0.00	36.16 0.03 0.00	40.04 0.29 0.00	38.43 0.79 0.00	48.15 1.42 0.00	47.64 1.86 0.00	45.31 1.80 0.00	43.95 1.75 -0.03	44.95 1.67 -0.60	44.29 1.54 -0.35	41.12 1.35 -0.87	30.00 0.92 -0.69
G.F.CEMENT___DRP 24184	34.59 1.41 0.00	30.54 1.29 0.00	28.80 1.21 0.00	19.27 0.85 0.00	26.91 1.16 -2.24	26.69 1.22 -0.43	39.20 1.87 0.00	55.76 2.76 -0.95	50.92 2.49 -0.08	49.48 1.76 -13.38	46.36 1.79 -8.05	32.22 1.33 0.00	33.38 0.86 0.00	37.01 0.87 0.00	40.57 0.82 0.00	38.64 1.00 0.00	48.69 1.95 0.00	48.27 2.48 0.00	45.97 2.46 0.00	44.64 2.34 -0.14	47.84 2.26 -2.90	46.19 2.11 -1.67	44.98 1.88 -4.20	33.10 1.37 -3.35
GARDENVILLE___LBMP 24039	32.76 -0.42 0.00	28.48 -0.77 0.00	26.79 -0.79 0.00	17.67 -0.76 0.00	22.60 -0.91 0.00	24.19 -0.85 0.00	35.67 -1.66 0.00	49.05 -3.00 0.00	45.71 -2.64 0.00	32.87 -1.47 0.00	34.74 -1.79 0.00	30.42 -0.47 0.00	32.63 0.11 0.00	36.18 0.04 0.00	39.22 -0.53 0.00	36.86 -0.79 0.00	45.28 -1.46 0.00	43.28 -2.51 0.00	40.77 -2.74 0.00	39.69 -2.48 0.00	40.21 -2.48 0.00	39.80 -2.60 0.00	36.42 -2.48 0.00	26.60 -1.78 0.00
GARDNVLA_35_KV_LD 355827	32.92 -0.26 0.00	28.62 -0.62 0.00	26.92 -0.67 0.00	17.73 -0.69 0.00	22.71 -0.80 0.00	24.34 -0.71 0.00	35.90 -1.44 0.00	49.47 -2.57 0.00	46.15 -2.19 0.00	33.24 -1.09 0.00	35.16 -1.37 0.00	30.77 -0.12 0.00	32.97 0.46 0.00	36.52 0.39 0.00	39.56 -0.18 0.00	37.16 -0.48 0.00	45.72 -1.02 0.00	43.75 -2.03 0.00	41.20 -2.31 0.00	40.14 -2.03 0.00	40.68 -2.01 0.00	40.24 -2.16 0.00	36.82 -2.09 0.00	26.84 -1.55 0.00
GELCKHM___115KV_LOAD 80723	32.69 -0.49 0.00	28.78 -0.46 0.00	27.14 -0.45 0.00	18.11 -0.31 0.00	23.13 -0.38 0.00	24.65 -0.40 0.00	36.80 -0.54 0.00	51.24 -0.81 0.00	47.41 -0.94 0.00	33.60 -0.73 0.00	35.77 -0.76 0.00	30.51 -0.38 0.00	32.21 -0.31 0.00	35.81 -0.32 0.00	39.29 -0.45 0.00	37.24 -0.40 0.00	46.15 -0.58 0.00	45.19 -0.59 0.00	42.88 -0.63 0.00	41.59 -0.58 0.00	42.08 -0.61 0.00	41.73 -0.67 0.00	38.21 -0.70 0.00	27.85 -0.53 0.00
GENERAL___MILLS 23808	32.80 -0.38 0.00	28.52 -0.72 0.00	26.84 -0.75 0.00	17.68 -0.74 0.00	22.65 -0.86 0.00	24.27 -0.77 0.00	35.77 -1.56 0.00	49.26 -2.79 0.00	45.93 -2.41 0.00	33.11 -1.22 0.00	35.02 -1.51 0.00	30.66 -0.23 0.00	32.86 0.34 0.00	36.38 0.25 0.00	39.39 -0.35 0.00	36.99 -0.66 0.00	45.48 -1.26 0.00	43.49 -2.29 0.00	40.97 -2.55 0.00	39.91 -2.26 0.00	40.47 -2.22 0.00	40.04 -2.36 0.00	36.66 -2.25 0.00	26.75 -1.64 0.00
GE_PLASTICS___DRP 24183	33.54 0.36 0.00	29.65 0.41 0.00	27.95 0.37 0.00	18.71 0.29 0.00	22.03 0.36 1.84	25.06 0.37 0.35	37.76 0.43 0.00	51.88 0.62 0.78	48.75 0.47 0.07	23.57 0.30 11.06	30.20 0.32 6.65	31.20 0.31 0.00	32.62 0.11 0.00	36.30 0.16 0.00	39.77 0.03 0.00	37.71 0.07 0.00	46.74 0.00 0.00	45.79 0.00 0.00	43.48 -0.04 0.00	42.00 -0.06 0.11	40.21 -0.09 2.40	40.96 -0.06 1.38	35.45 0.00 3.47	25.66 0.04 2.77
GILBOA___1 23756	33.99 0.81 0.00	30.18 0.94 0.00	28.45 0.87 0.00	18.97 0.55 0.00	24.17 0.66 0.00	25.57 0.53 0.00	38.08 0.74 0.00	53.21 1.17 0.00	49.29 0.94 0.00	34.89 0.55 0.00	37.17 0.64 0.00	31.60 0.71 0.00	33.16 0.64 0.00	36.86 0.73 0.00	40.43 0.69 0.00	38.40 0.76 0.00	47.68 0.94 0.00	46.72 0.94 0.00	44.25 0.73 0.00	42.86 0.69 0.00	43.43 0.74 0.00	43.28 0.87 0.00	39.76 0.85 0.00	28.96 0.58 0.00
GILBOA___2 23757	33.99 0.81 0.00	30.18 0.94 0.00	28.45 0.87 0.00	18.97 0.55 0.00	24.17 0.66 0.00	25.57 0.53 0.00	38.08 0.74 0.00	53.21 1.17 0.00	49.29 0.94 0.00	34.89 0.55 0.00	37.17 0.64 0.00	31.60 0.71 0.00	33.16 0.64 0.00	36.86 0.73 0.00	40.43 0.69 0.00	38.40 0.76 0.00	47.68 0.94 0.00	46.72 0.94 0.00	44.25 0.73 0.00	42.86 0.69 0.00	43.43 0.74 0.00	43.28 0.87 0.00	39.76 0.85 0.00	28.96 0.58 0.00
GILBOA___3 23758	33.99 0.81 0.00	30.18 0.94 0.00	28.45 0.87 0.00	18.97 0.55 0.00	24.17 0.66 0.00	25.57 0.53 0.00	38.08 0.74 0.00	53.21 1.17 0.00	49.29 0.94 0.00	34.89 0.55 0.00	37.17 0.64 0.00	31.60 0.71 0.00	33.16 0.64 0.00	36.86 0.73 0.00	40.43 0.69 0.00	38.40 0.76 0.00	47.68 0.94 0.00	46.72 0.94 0.00	44.25 0.73 0.00	42.86 0.69 0.00	43.43 0.74 0.00	43.28 0.87 0.00	39.76 0.85 0.00	28.96 0.58 0.00
GILBOA___4 23759	33.99 0.81 0.00	30.18 0.94 0.00	28.45 0.87 0.00	18.97 0.55 0.00	24.17 0.66 0.00	25.57 0.53 0.00	38.08 0.74 0.00	53.21 1.17 0.00	49.29 0.94 0.00	34.89 0.55 0.00	37.17 0.64 0.00	31.60 0.71 0.00	33.16 0.64 0.00	36.86 0.73 0.00	40.43 0.69 0.00	38.40 0.76 0.00	47.68 0.94 0.00	46.72 0.94 0.00	44.25 0.73 0.00	42.86 0.69 0.00	43.43 0.74 0.00	43.28 0.87 0.00	39.76 0.85 0.00	28.96 0.58 0.00

GILBOA____ 23599	34.00 0.81 0.00	30.18 0.94 0.00	28.45 0.87 0.00	18.97 0.55 0.00	24.17 0.66 0.00	25.57 0.53 0.00	38.08 0.75 0.00	53.21 1.17 0.00	49.29 0.94 0.00	34.89 0.55 0.00	37.17 0.64 0.00	31.60 0.71 0.00	33.16 0.64 0.00	36.86 0.73 0.00	40.43 0.69 0.00	38.40 0.76 0.00	47.68 0.94 0.00	46.73 0.94 0.00	44.25 0.74 0.00	42.86 0.69 0.00	43.43 0.74 0.00	43.28 0.87 0.00	39.76 0.85 0.00	28.96 0.58 0.00
GINNA____ 23603	31.47 -1.71 0.00	27.54 -1.71 0.00	25.93 -1.65 0.00	17.24 -1.18 0.00	22.04 -1.47 0.00	23.62 -1.43 0.00	35.19 -2.15 0.00	48.90 -3.14 0.00	45.42 -2.93 0.00	32.36 -1.97 0.00	34.41 -2.12 0.00	29.55 -1.34 0.00	31.37 -1.15 0.00	34.85 -1.28 0.00	38.04 -1.71 0.00	35.97 -1.67 0.00	44.51 -2.22 0.00	43.28 -2.50 0.00	40.97 -2.54 0.00	39.81 -2.36 0.00	40.25 -2.44 0.00	39.83 -2.57 0.00	36.39 -2.52 0.00	26.46 -1.92 0.00
GLEN PARK____ 23778	33.58 0.40 0.00	29.93 0.69 0.00	28.24 0.66 0.00	18.74 0.32 0.00	24.08 0.57 0.00	25.72 0.68 0.00	38.31 0.98 0.00	53.71 1.67 0.00	48.57 0.22 0.00	34.43 0.09 0.00	37.45 0.92 0.00	31.56 0.67 0.00	33.23 0.32 -0.39	37.01 0.48 -0.40	40.78 1.03 0.00	38.73 1.09 0.00	47.67 0.93 0.00	47.87 2.09 0.00	45.38 1.87 0.00	44.09 1.92 0.00	44.43 1.74 0.00	43.42 1.02 0.00	39.39 0.48 0.00	28.78 0.40 0.00
GLENDALE_27_KV_LOAD 356172	35.28 2.10 0.00	31.03 1.79 0.00	29.23 1.65 0.00	19.56 1.14 0.00	24.84 1.33 0.00	26.48 1.44 0.00	39.73 2.39 0.00	55.80 3.75 0.00	51.69 3.34 0.00	36.41 2.08 0.00	39.03 2.50 0.00	33.47 2.58 0.00	35.17 2.65 0.00	39.06 2.93 0.00	42.84 3.10 0.00	40.89 3.25 0.00	50.45 3.72 0.00	49.49 3.71 0.00	47.04 3.53 0.00	45.47 3.30 0.00	45.82 3.13 0.00	45.53 3.13 0.00	41.83 2.93 0.00	30.37 1.98 0.00
GLENWOOD_IC_1_G5 23712	35.02 1.84 0.00	30.83 1.58 0.00	29.02 1.43 0.00	19.42 1.00 0.00	24.62 1.11 0.00	26.23 1.18 0.00	39.32 1.98 0.00	55.30 3.26 0.00	51.18 2.83 0.00	34.38 1.64 1.60	38.75 2.22 0.00	33.21 2.32 0.00	34.86 2.34 0.00	38.60 2.47 0.00	42.38 2.64 0.00	40.49 2.85 0.00	50.12 3.39 0.00	49.19 3.41 0.00	46.82 3.29 -0.02	45.19 3.02 0.00	45.51 2.82 0.00	45.22 2.82 0.00	41.54 2.63 0.00	30.20 1.81 0.00
GLENWOOD_IC_2_G1 23688	34.93 1.75 0.00	30.74 1.50 0.00	28.95 1.36 0.00	19.37 0.95 0.00	24.58 1.07 0.00	26.19 1.14 0.00	39.24 1.91 0.00	55.18 3.14 0.00	51.07 2.73 0.00	35.93 1.60 0.00	38.61 2.08 0.00	33.08 2.19 0.00	34.73 2.21 0.00	38.51 2.38 0.00	42.26 2.52 0.00	40.36 2.72 0.00	49.95 3.22 0.00	49.01 3.22 0.00	46.62 3.11 0.00	45.03 2.86 0.00	45.37 2.68 0.00	45.08 2.67 0.00	41.44 2.53 0.00	30.10 1.72 0.00
GLENWOOD_IC_3_G1 23689	34.93 1.75 0.00	30.74 1.50 0.00	28.95 1.36 0.00	19.37 0.95 0.00	24.58 1.07 0.00	26.19 1.14 0.00	39.24 1.91 0.00	55.18 3.14 0.00	51.07 2.73 0.00	35.93 1.60 0.00	38.61 2.08 0.00	33.08 2.19 0.00	34.73 2.21 0.00	38.51 2.38 0.00	42.26 2.52 0.00	40.36 2.72 0.00	49.95 3.22 0.00	49.01 3.22 0.00	46.62 3.11 0.00	45.03 2.86 0.00	45.37 2.68 0.00	45.08 2.67 0.00	41.44 2.53 0.00	30.10 1.72 0.00
GLENWOOD____4 23550	35.02 1.84 0.00	30.83 1.58 0.00	29.02 1.43 0.00	19.42 1.00 0.00	24.62 1.11 0.00	26.23 1.18 0.00	39.32 1.98 0.00	55.30 3.26 0.00	51.18 2.83 0.00	34.38 1.64 1.60	38.75 2.22 0.00	33.21 2.32 0.00	34.86 2.34 0.00	38.60 2.47 0.00	42.38 2.64 0.00	40.49 2.85 0.00	50.12 3.39 0.00	49.19 3.41 0.00	46.82 3.29 -0.02	45.19 3.02 0.00	45.51 2.82 0.00	45.22 2.82 0.00	41.54 2.63 0.00	30.20 1.81 0.00
GLENWOOD____5 23614	35.02 1.84 0.00	30.83 1.58 0.00	29.02 1.43 0.00	19.42 1.00 0.00	24.62 1.11 0.00	26.23 1.18 0.00	39.32 1.98 0.00	55.30 3.26 0.00	51.18 2.83 0.00	34.38 1.64 1.60	38.75 2.22 0.00	33.21 2.32 0.00	34.86 2.34 0.00	38.60 2.47 0.00	42.38 2.64 0.00	40.49 2.85 0.00	50.12 3.39 0.00	49.19 3.41 0.00	46.82 3.29 -0.02	45.19 3.02 0.00	45.51 2.82 0.00	45.22 2.82 0.00	41.54 2.63 0.00	30.20 1.81 0.00
GLOBAL GREEN_PORT_GT1 23814	34.00 0.82 0.00	29.87 0.62 0.00	28.12 0.53 0.00	18.81 0.38 0.00	23.77 0.26 0.00	22.58 0.37 2.84	31.51 0.79 6.61	43.30 1.64 10.39	49.75 3.65 2.25	28.38 1.97 7.93	39.19 2.67 0.00	33.61 2.72 0.00	35.12 2.60 0.00	38.02 2.57 0.68	37.29 2.89 5.35	36.10 3.38 4.92	44.78 4.71 6.66	48.97 4.73 1.54	47.17 4.57 0.91	44.20 3.72 1.69	37.37 1.71 7.02	37.97 1.61 6.05	35.37 1.64 5.18	28.35 1.68 1.71
GLOBE____DSASP 323697	32.17 -1.01 0.00	27.91 -1.34 0.00	26.27 -1.32 0.00	17.30 -1.12 0.00	22.19 -1.32 0.00	23.85 -1.19 0.00	34.95 -2.39 0.00	47.73 -4.32 0.00	44.55 -3.79 0.00	32.38 -1.96 0.00	34.26 -2.27 0.00	29.98 -0.91 0.00	32.13 -0.39 0.00	35.49 -0.64 0.00	38.31 -1.44 0.00	35.96 -1.68 0.00	44.16 -2.58 0.00	42.08 -3.71 0.00	39.51 -4.00 0.00	38.63 -3.54 0.00	39.15 -3.54 0.00	38.92 -3.49 0.00	35.68 -3.23 0.00	26.01 -2.38 0.00
GOETHSLN____LBMP 323567	34.98 1.80 0.00	30.77 1.53 0.00	28.99 1.40 0.00	19.41 0.99 0.00	24.65 1.14 0.00	26.28 1.23 0.00	39.44 2.11 0.00	55.40 3.35 0.00	51.28 2.93 0.00	36.10 1.76 0.00	38.66 2.13 0.00	33.15 2.26 0.00	34.85 2.33 0.00	38.71 2.58 0.00	42.45 2.71 0.00	40.54 2.89 0.00	50.06 3.33 0.00	49.08 3.30 0.00	46.67 3.15 0.00	45.11 2.94 0.00	45.46 2.77 0.00	45.16 2.75 0.00	41.50 2.59 0.00	30.14 1.75 0.00
GOLAH____69_KV_TB 1_2 80279	33.21 0.04 0.00	29.00 -0.25 0.00	27.29 -0.30 0.00	18.09 -0.33 0.00	23.16 -0.35 0.00	24.82 -0.22 0.00	36.88 -0.45 0.00	51.18 -0.87 0.00	47.63 -0.72 0.00	34.01 -0.33 0.00	36.08 -0.45 0.00	31.12 0.23 0.00	33.16 0.64 0.00	36.78 0.65 0.00	40.02 0.27 0.00	37.76 0.12 0.00	46.73 -0.01 0.00	45.25 -0.53 0.00	42.81 -0.71 0.00	41.65 -0.51 0.00	42.13 -0.56 0.00	41.69 -0.72 0.00	38.09 -0.82 0.00	27.72 -0.67 0.00
GOODYEAR_LAKE_HYD 323669	34.15 0.97 0.00	30.17 0.93 0.00	28.42 0.84 0.00	18.92 0.50 0.00	24.17 0.66 0.00	25.73 0.68 0.00	38.47 1.13 0.00	53.61 1.56 0.00	49.49 1.14 0.00	35.04 0.70 0.00	37.13 0.61 0.00	31.73 0.84 0.00	33.48 0.97 0.00	37.30 1.17 0.00	40.95 1.21 0.00	38.91 1.27 0.00	48.33 1.59 0.00	47.31 1.53 0.00	44.84 1.33 0.00	43.50 1.33 0.00	43.95 1.26 0.00	43.55 1.15 0.00	39.94 1.03 0.00	29.06 0.68 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.46 0.28 0.00	29.46 0.22 0.00	27.79 0.20 0.00	18.51 0.09 0.00	23.67 0.15 0.00	25.15 0.11 0.00	37.56 0.22 0.00	52.22 0.17 0.00	48.21 -0.13 0.00	34.15 -0.19 0.00	36.21 -0.31 0.00	31.20 0.31 0.00	32.99 0.47 0.00	36.64 0.51 0.00	40.15 0.40 0.00	38.04 0.39 0.00	47.06 0.33 0.00	45.87 0.09 0.00	43.53 0.01 0.00	42.28 0.11 0.00	42.86 0.17 0.00	42.47 0.07 0.00	38.94 0.03 0.00	28.36 -0.02 0.00

GOUDEY___7 23579	33.46 0.28 0.00	29.46 0.22 0.00	27.79 0.20 0.00	18.51 0.09 0.00	23.67 0.15 0.00	25.15 0.11 0.00	37.56 0.22 0.00	52.22 0.17 0.00	48.21 -0.13 0.00	34.15 -0.19 0.00	36.21 -0.31 0.00	31.20 0.31 0.00	32.99 0.47 0.00	36.64 0.51 0.00	40.15 0.40 0.00	38.04 0.39 0.00	47.06 0.33 0.00	45.87 0.09 0.00	43.53 0.01 0.00	42.28 0.11 0.00	42.86 0.17 0.00	42.47 0.07 0.00	38.94 0.03 0.00	28.36 -0.02 0.00
GOUDEY___8 23580	33.46 0.28 0.00	29.46 0.22 0.00	27.79 0.20 0.00	18.51 0.09 0.00	23.67 0.15 0.00	25.15 0.11 0.00	37.56 0.22 0.00	52.22 0.17 0.00	48.21 -0.13 0.00	34.15 -0.19 0.00	36.21 -0.31 0.00	31.20 0.31 0.00	32.99 0.47 0.00	36.64 0.51 0.00	40.15 0.40 0.00	38.04 0.39 0.00	47.06 0.33 0.00	45.87 0.09 0.00	43.53 0.01 0.00	42.28 0.11 0.00	42.86 0.17 0.00	42.47 0.07 0.00	38.94 0.03 0.00	28.36 -0.02 0.00
GOWANUS_GT1_1 24077	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.42 0.00	39.71 2.38 0.00	55.76 3.71 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.78 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.42 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.81 2.90 0.00	30.35 1.96 0.00
GOWANUS_GT1_2 24078	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.42 0.00	39.71 2.38 0.00	55.76 3.71 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.78 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.42 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.81 2.90 0.00	30.35 1.96 0.00
GOWANUS_GT1_3 24079	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.42 0.00	39.71 2.38 0.00	55.76 3.71 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.78 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.42 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.81 2.90 0.00	30.35 1.96 0.00
GOWANUS_GT1_4 24080	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.42 0.00	39.71 2.38 0.00	55.76 3.71 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.78 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.42 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.81 2.90 0.00	30.35 1.96 0.00
GOWANUS_GT1_5 24084	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.42 0.00	39.71 2.38 0.00	55.76 3.71 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.78 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.42 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.81 2.90 0.00	30.35 1.96 0.00
GOWANUS_GT1_6 24111	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.42 0.00	39.71 2.38 0.00	55.76 3.71 0.00	51.65 3.31 0.00	36.34 2.01														

GOWANUS_GT2_6 24119	35.22 2.04 0.00	30.99 1.74 0.00	29.20 1.61 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.46 1.41 0.00	39.70 2.37 0.00	55.74 3.69 0.00	51.65 3.31 0.00	36.33 2.00 0.00	38.92 2.39 0.00	33.36 2.47 0.00	35.06 2.54 0.00	38.94 2.81 0.00	42.71 2.97 0.00	40.76 3.12 0.00	50.30 3.57 0.00	49.38 3.60 0.00	46.94 3.43 0.00	45.41 3.24 0.00	45.73 3.04 0.00	45.50 3.09 0.00	41.80 2.89 0.00	30.33 1.95 0.00
GOWANUS_GT2_7 24120	35.22 2.04 0.00	30.99 1.74 0.00	29.20 1.61 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.46 1.41 0.00	39.70 2.37 0.00	55.74 3.69 0.00	51.65 3.31 0.00	36.33 2.00 0.00	38.92 2.39 0.00	33.36 2.47 0.00	35.06 2.54 0.00	38.94 2.81 0.00	42.71 2.97 0.00	40.76 3.12 0.00	50.30 3.57 0.00	49.38 3.60 0.00	46.94 3.43 0.00	45.41 3.24 0.00	45.73 3.04 0.00	45.50 3.09 0.00	41.80 2.89 0.00	30.33 1.95 0.00
GOWANUS_GT2_8 24121	35.22 2.04 0.00	30.99 1.74 0.00	29.20 1.61 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.46 1.41 0.00	39.70 2.37 0.00	55.74 3.69 0.00	51.65 3.31 0.00	36.33 2.00 0.00	38.92 2.39 0.00	33.36 2.47 0.00	35.06 2.54 0.00	38.94 2.81 0.00	42.71 2.97 0.00	40.76 3.12 0.00	50.30 3.57 0.00	49.38 3.60 0.00	46.94 3.43 0.00	45.41 3.24 0.00	45.73 3.04 0.00	45.50 3.09 0.00	41.80 2.89 0.00	30.33 1.95 0.00
GOWANUS_GT3_1 24122	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
GOWANUS_GT3_2 24123	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
GOWANUS_GT3_3 24124	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
GOWANUS_GT3_4 24125	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
GOWANUS_GT3_5 24126	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.0														

GOWANUS_GT4_5 24134	35.22 2.04 0.00	30.99 1.74 0.00	29.20 1.61 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.46 1.41 0.00	39.70 2.37 0.00	55.74 3.69 0.00	51.65 3.31 0.00	36.33 2.00 0.00	38.92 2.39 0.00	33.36 2.47 0.00	35.06 2.54 0.00	38.94 2.81 0.00	42.71 2.96 0.00	40.76 3.12 0.00	50.30 3.57 0.00	49.38 3.60 0.00	46.94 3.43 0.00	45.41 3.24 0.00	45.73 3.04 0.00	45.50 3.10 0.00	41.80 2.89 0.00	30.33 1.95 0.00
GOWANUS_GT4_6 24135	35.22 2.04 0.00	30.99 1.74 0.00	29.20 1.61 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.46 1.41 0.00	39.70 2.37 0.00	55.74 3.69 0.00	51.65 3.31 0.00	36.33 2.00 0.00	38.92 2.39 0.00	33.36 2.47 0.00	35.06 2.54 0.00	38.94 2.81 0.00	42.71 2.96 0.00	40.76 3.12 0.00	50.30 3.57 0.00	49.38 3.60 0.00	46.94 3.43 0.00	45.41 3.24 0.00	45.73 3.04 0.00	45.50 3.10 0.00	41.80 2.89 0.00	30.33 1.95 0.00
GOWANUS_GT4_7 24136	35.22 2.04 0.00	30.99 1.74 0.00	29.20 1.61 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.46 1.41 0.00	39.70 2.37 0.00	55.74 3.69 0.00	51.65 3.31 0.00	36.33 2.00 0.00	38.92 2.39 0.00	33.36 2.47 0.00	35.06 2.54 0.00	38.94 2.81 0.00	42.71 2.96 0.00	40.76 3.12 0.00	50.30 3.57 0.00	49.38 3.60 0.00	46.94 3.43 0.00	45.41 3.24 0.00	45.73 3.04 0.00	45.50 3.10 0.00	41.80 2.89 0.00	30.33 1.95 0.00
GOWANUS_GT4_8 24137	35.22 2.04 0.00	30.99 1.74 0.00	29.20 1.61 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.46 1.41 0.00	39.70 2.37 0.00	55.74 3.69 0.00	51.65 3.31 0.00	36.33 2.00 0.00	38.92 2.39 0.00	33.36 2.47 0.00	35.06 2.54 0.00	38.94 2.81 0.00	42.71 2.96 0.00	40.76 3.12 0.00	50.30 3.57 0.00	49.38 3.60 0.00	46.94 3.43 0.00	45.41 3.24 0.00	45.73 3.04 0.00	45.50 3.10 0.00	41.80 2.89 0.00	30.33 1.95 0.00
GREATVRV_69_KV_BK1 356245	35.18 2.01 0.00	30.96 1.71 0.00	29.12 1.53 0.00	19.47 1.05 0.00	24.60 1.09 0.00	24.04 1.09 2.10	34.29 1.84 4.89	47.48 3.11 7.67	49.49 2.80 1.66	28.92 1.48 6.89	38.89 2.36 0.00	33.34 2.45 0.00	34.88 2.36 0.00	37.87 2.24 0.50	38.17 2.38 3.96	36.78 2.76 3.63	45.39 3.57 4.92	48.33 3.69 1.14	46.38 3.53 0.67	44.05 3.13 1.25	40.36 2.86 5.19	40.79 2.85 4.47	37.73 2.65 3.82	29.09 1.97 1.26
GREENBSH_115KV_TB3 55895	33.30 0.12 0.00	29.44 0.19 0.00	27.75 0.16 0.00	18.59 0.17 0.00	20.92 0.18 2.77	24.71 0.20 0.53	37.45 0.12 0.00	50.99 0.12 1.18	48.28 0.04 0.10	17.78 0.05 16.61	26.62 0.08 9.99	30.96 0.06 0.00	32.33 -0.19 0.00	35.98 -0.16 0.00	39.39 -0.35 0.00	37.38 -0.27 0.00	46.50 -0.23 0.00	45.69 -0.10 0.00	43.44 -0.07 0.00	41.90 -0.10 0.17	39.04 -0.14 3.51	40.24 -0.14 2.03	33.78 -0.05 5.08	24.38 0.05 4.06
GREENDGE_115KV_TB5 80291	33.31 0.13 0.00	29.19 -0.05 0.00	27.50 -0.09 0.00	18.31 -0.11 0.00	23.41 -0.10 0.00	24.91 -0.13 0.00	37.15 -0.19 0.00	51.32 -0.72 0.00	47.49 -0.86 0.00	33.59 -0.74 0.00	35.50 -1.03 0.00	30.73 -0.16 0.00	32.71 0.19 0.00	36.46 0.33 0.00	39.97 0.22 0.00	37.81 0.17 0.00	46.48 -0.26 0.00	45.21 -0.58 0.00	42.91 -0.60 0.00	41.78 -0.39 0.00	42.25 -0.44 0.00	41.86 -0.55 0.00	38.23 -0.68 0.00	27.83 -0.55 0.00
GREENIDGE___3 23582	33.31 0.13 0.00	29.19 -0.05 0.00	27.50 -0.09 0.00	18.31 -0.11 0.00	23.41 -0.10 0.00	24.91 -0.13 0.00	37.15 -0.19 0.00	51.32 -0.72 0.00	47.49 -0.86 0.00	33.59 -0.74 0.00	35.50 -1.03 0.00	30.73 -0.16 0.00	32.71 0.19 0.00	36.46 0.33 0.00	39.97 0.22 0.00	37.81 0.17 0.00	46.48 -0.26 0.00	45.21 -0.58 0.00	42.91 -0.60 0.00	41.78 -0.39 0.00	42.25 -0.44 0.00	41.86 -0.55 0.00	38.23 -0.68 0.00	27.83 -0.55 0.00
GREENIDGE___4 23583	33.31 0.13 0.00	29.19 -0.05 0.00	27.50 -0.09 0.00	18.31 -0.11 0.00	23.41 -0.10 0.00	24.91 -0.13 0.00	37.15 -0.18 0.00	51.32 -0.73 0.00	47.49 -0.86 0.00	33.59 -0.74 0.00	35.50 -1.03 0.00	30.73 -0.16 0.00	32.71 0.19 0.00	36.46 0.33 0.00	39.96 0.22 0.00	37.82 0.18 0.00	46.48 -0.26 0.00	45.21 -0.58 0.00	42.91 -0.60 0.00	41.76 -0.41 0.00	42.25 -0.44 0.00	41.85 -0.55 0.00	38.23 -0.68 0.00	27.83 -0.55 0.00
GREENLWN_69_KV_BK 3 55738	34.56 1.38 0.00	30.43 1.19 0.00	28.65 1.06 0.00	19.16 0.73 0.00	24.18 0.67 0.00	28.19 0.67 -2.48	44.29 1.18 -5.77	63.30 2.19 -9.07	52.19 1.88 -1.96	33.57 0.91 1.67	38.26 1.73 0.00	32.85 1.96 0.00	34.39 1.87 0.00	38.40 1.69 -0.58	46.25 1.85 -4.66	44.08 2.14 -4.29	55.17 2.62 -5.81	49.86 2.72 -1.35	46.96 2.64 -0.81	45.96 2.32 -1.47	50.90 2.08 -6.13	49.77 2.08 -5.28	45.41 1.98 -4.52	31.29 1.42 -1.49
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.42 0.00	39.71 2.38 0.00	55.76 3.71 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.78 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.42 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.81 2.90 0.00	30.35 1.96 0.00
GRISSOM___SOLAR 323813	34.37 1.19 0.00	30.30 1.06 0.00	28.53 0.94 0.00	19.03 0.60 0.00	24.80 0.82 -0.47	26.04 0.91 -0.09	38.89 1.56 0.00	54.59 2.34 -0.20	50.32 1.95 -0.02	38.09 0.99 -2.77	39.48 1.29 -1.66	31.34 0.45 0.00	32.74 0.22 0.00	36.04 -0.10 0.00	39.99 0.24 0.00	38.44 0.80 0.00	48.18 1.45 0.00	47.71 1.93 0.00	45.40 1.88 0.00	44.02 1.83 -0.03	45.05 1.75 -0.61	44.40 1.64 -0.35	41.23 1.43 -0.89	30.08 0.99 -0.71
GROVEVILLE___HYD 323602	34.95 1.77 0.00	30.77 1.53 0.00	29.00 1.41 0.00	19.40 0.98 0.00	24.69 1.18 0.00	26.30 1.25 0.00	39.38 2.05 0.00	55.31 3.26 0.00	51.20 2.85 0.00	36.06 1.73 0.00	38.54 2.01 0.00	32.90 2.01 0.00	34.54 2.02 0.00	38.40 2.26 0.00	42.17 2.42 0.00	40.23 2.59 0.00	49.84 3.11 0.00	48.91 3.13 0.00	46.52 3.01 0.00	45.00 2.83 0.00	45.39 2.70 0.00	45.09 2.69 0.00	41.44 2.53 0.00	30.07 1.69 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.89 -0.29 0.00	28.96 -0.29 0.00	27.31 -0.27 0.00	18.23 -0.19 0.00	23.28 -0.23 0.00	24.79 -0.25 0.00	37.03 -0.30 0.00	51.55 -0.49 0.00	47.67 -0.68 0.00	33.75 -0.58 0.00	35.90 -0.63 0.00	30.64 -0.25 0.00	32.37 -0.15 0.00	36.00 -0.13 0.00	39.50 -0.25 0.00	37.45 -0.19 0.00	46.42 -0.31 0.00	45.46 -0.33 0.00	43.15 -0.37 0.00	41.84 -0.32 0.00	42.34 -0.35 0.00	41.98 -0.42 0.00	38.44 -0.47 0.00	28.01 -0.37 0.00
HAMLTNNY_34_KV_TB 80303	33.02 -0.16 0.00	29.03 -0.21 0.00	27.41 -0.18 0.00	18.28 -0.14 0.00	23.35 -0.16 0.00	24.89 -0.15 0.00	37.16 -0.17 0.00	51.72 -0.33 0.00	47.84 -0.50 0.00	33.83 -0.50 0.00	35.94 -0.59 0.00	30.70 -0.19 0.00	32.52 0.00 0.00	36.08 -0.06 0.00	39.67 -0.07 0.00	37.59 -0.05 0.00	46.60 -0.14 0.00	45.58 -0.20 0.00	43.26 -0.25 0.00	41.97 -0.20 0.00	42.47 -0.22 0.00	42.10 -0.30 0.00	38.53 -0.37 0.00	28.08 -0.31 0.00

HAMPSHIRE___PAPER_HYD 323593	33.61 0.43 0.00	29.79 0.55 0.00	28.11 0.53 0.00	18.72 0.29 0.00	23.99 0.48 0.00	25.60 0.55 0.00	38.02 0.68 0.00	53.14 1.09 0.00	48.58 0.24 0.00	34.61 0.28 0.00	37.30 0.77 0.00	31.37 0.47 0.00	33.77 0.20 -1.05	37.54 0.34 -1.07	40.49 0.75 0.00	38.24 0.60 0.00	47.08 0.34 0.00	46.51 0.73 0.00	44.31 0.80 0.00	43.05 0.88 0.00	43.69 1.00 0.00	43.29 0.89 0.00	39.49 0.58 0.00	28.86 0.48 0.00
HARDSCRABBLE_WT_PWR 323673	34.71 1.53 0.00	30.63 1.38 0.00	28.89 1.30 0.00	19.29 0.87 0.00	24.63 1.12 0.00	26.25 1.21 0.00	39.19 1.86 0.00	54.81 2.77 0.00	50.54 2.19 0.00	35.30 0.97 0.00	37.89 1.36 0.00	31.56 0.66 0.00	33.00 0.48 0.00	36.40 0.27 0.00	40.28 0.53 0.00	38.62 0.98 0.00	48.45 1.72 0.00	47.99 2.20 0.00	45.66 2.15 0.00	44.20 2.03 0.00	44.63 1.94 0.00	44.24 1.84 0.00	40.62 1.71 0.00	29.60 1.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.94 1.76 0.00	30.75 1.50 0.00	28.98 1.40 0.00	19.39 0.97 0.00	24.67 1.15 0.00	26.30 1.26 0.00	39.45 2.11 0.00	55.43 3.38 0.00	51.23 2.88 0.00	36.03 1.69 0.00	38.49 1.97 0.00	32.93 2.04 0.00	34.63 2.11 0.00	38.48 2.35 0.00	42.25 2.51 0.00	40.32 2.68 0.00	49.90 3.17 0.00	48.96 3.18 0.00	46.58 3.07 0.00	45.03 2.86 0.00	45.43 2.74 0.00	45.10 2.69 0.00	41.42 2.51 0.00	30.06 1.68 0.00
HARSNRAD_115KV_TB1 81005	32.53 -0.64 0.00	28.24 -1.00 0.00	26.56 -1.03 0.00	17.50 -0.92 0.00	22.40 -1.11 0.00	24.05 -0.99 0.00	35.31 -2.02 0.00	48.50 -3.55 0.00	45.34 -3.00 0.00	32.83 -1.51 0.00	34.72 -1.81 0.00	30.37 -0.52 0.00	32.54 0.02 0.00	35.95 -0.18 0.00	38.89 -0.86 0.00	36.54 -1.10 0.00	44.92 -1.82 0.00	42.88 -2.91 0.00	40.33 -3.18 0.00	39.37 -2.81 0.00	39.88 -2.81 0.00	39.59 -2.81 0.00	36.25 -2.66 0.00	26.42 -1.96 0.00
HARZA MOOSE___RIVER 24016	33.64 0.46 0.00	29.88 0.63 0.00	28.17 0.58 0.00	18.75 0.33 0.00	24.03 0.51 0.00	25.66 0.62 0.00	38.23 0.89 0.00	53.41 1.36 0.00	48.79 0.45 0.00	34.62 0.29 0.00	37.24 0.72 0.00	31.37 0.48 0.00	33.20 0.38 -0.30	37.08 0.63 -0.31	40.70 0.95 0.00	38.59 0.94 0.00	47.87 1.13 0.00	47.31 1.53 0.00	44.85 1.34 0.00	43.55 1.39 0.00	43.90 1.21 0.00	43.27 0.87 0.00	39.43 0.52 0.00	28.80 0.42 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.67 -0.51 0.00	28.77 -0.48 0.00	27.13 -0.46 0.00	18.11 -0.31 0.00	23.12 -0.39 0.00	24.64 -0.40 0.00	36.80 -0.53 0.00	51.26 -0.78 0.00	47.43 -0.92 0.00	33.61 -0.72 0.00	35.77 -0.76 0.00	30.53 -0.36 0.00	32.23 -0.29 0.00	35.86 -0.27 0.00	39.33 -0.41 0.00	37.27 -0.37 0.00	46.20 -0.54 0.00	45.20 -0.58 0.00	42.88 -0.63 0.00	41.60 -0.57 0.00	42.08 -0.61 0.00	41.72 -0.69 0.00	38.20 -0.71 0.00	27.84 -0.55 0.00
HELLGATE_13_KV_LD 55870	35.35 2.17 0.00	31.10 1.85 0.00	29.29 1.70 0.00	19.60 1.18 0.00	24.89 1.38 0.00	26.53 1.49 0.00	39.80 2.47 0.00	55.91 3.86 0.00	51.80 3.46 0.00	36.49 2.16 0.00	39.12 2.59 0.00	33.54 2.65 0.00	35.25 2.74 0.00	39.14 3.00 0.00	42.93 3.18 0.00	40.98 3.34 0.00	50.55 3.81 0.00	49.59 3.81 0.00	47.12 3.60 0.00	45.55 3.37 0.00	45.88 3.19 0.00	45.61 3.21 0.00	41.90 2.99 0.00	30.42 2.04 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.35 2.17 0.00	31.10 1.85 0.00	29.29 1.70 0.00	19.60 1.18 0.00	24.89 1.38 0.00	26.53 1.49 0.00	39.80 2.47 0.00	55.91 3.86 0.00	51.80 3.46 0.00	36.49 2.16 0.00	39.12 2.59 0.00	33.54 2.65 0.00	35.25 2.74 0.00	39.14 3.00 0.00	42.93 3.18 0.00	40.98 3.34 0.00	50.55 3.81 0.00	49.59 3.81 0.00	47.12 3.60 0.00	45.55 3.37 0.00	45.88 3.19 0.00	45.61 3.21 0.00	41.90 2.99 0.00	30.42 2.04 0.00
HEMPSTEAD____ 23647	34.82 1.64 0.00	30.65 1.40 0.00	28.84 1.26 0.00	19.29 0.87 0.00	24.43 0.92 0.00	26.01 0.97 0.00	38.99 1.66 0.00	54.89 2.85 0.00	50.81 2.46 0.00	33.20 1.33 2.47	38.52 1.99 0.00	32.99 2.10 0.00	34.61 2.09 0.00	38.26 2.13 0.00	42.04 2.30 0.00	40.20 2.56 0.00	49.77 3.04 0.00	48.91 3.13 0.00	46.56 3.03 -0.01	44.91 2.74 0.00	45.20 2.52 0.00	44.93 2.52 0.00	41.29 2.38 0.00	30.03 1.65 0.00
HICKLING___1 23621	33.44 0.26 0.00	29.32 0.07 0.00	27.62 0.03 0.00	18.38 -0.04 0.00	23.53 0.02 0.00	24.94 -0.11 0.00	37.27 -0.06 0.00	51.67 -0.38 0.00	47.61 -0.74 0.00	33.65 -0.68 0.00	35.56 -0.96 0.00	30.97 0.08 0.00	32.92 0.40 0.00	36.65 0.51 0.00	40.12 0.38 0.00	37.93 0.29 0.00	46.74 0.00 0.00	45.24 -0.55 0.00	42.90 -0.61 0.00	41.67 -0.49 0.00	42.26 -0.43 0.00	41.82 -0.58 0.00	38.27 -0.63 0.00	27.86 -0.52 0.00
HICKLING___2 23622	33.44 0.26 0.00	29.32 0.07 0.00	27.62 0.03 0.00	18.38 -0.04 0.00	23.53 0.02 0.00	24.94 -0.11 0.00	37.27 -0.06 0.00	51.67 -0.38 0.00	47.61 -0.74 0.00	33.65 -0.68 0.00	35.56 -0.96 0.00	30.97 0.08 0.00	32.92 0.40 0.00	36.65 0.51 0.00	40.12 0.38 0.00	37.93 0.29 0.00	46.74 0.00 0.00	45.24 -0.55 0.00	42.90 -0.61 0.00	41.67 -0.49 0.00	42.26 -0.43 0.00	41.82 -0.58 0.00	38.27 -0.63 0.00	27.86 -0.52 0.00
HIGH FALLS___HY 23754	35.05 1.87 0.00	30.87 1.63 0.00	29.08 1.49 0.00	19.45 1.03 0.00	24.41 1.20 0.30	26.23 1.25 0.06	39.45 2.12 0.00	55.40 3.48 0.13	51.27 2.93 0.01	34.26 1.74 1.81	37.29 1.86 1.09	32.65 1.76 0.00	34.37 1.85 0.00	37.99 1.86 0.00	41.77 2.02 0.00	39.85 2.21 0.00	49.62 2.89 0.00	48.73 2.95 0.00	46.38 2.87 0.00	44.85 2.71 0.02	44.81 2.62 0.49	45.07 2.95 0.29	40.94 2.75 0.71	29.63 1.82 0.57
HIGH_RIVER___SOLAR 323847	34.25 1.07 0.00	30.20 0.96 0.00	28.45 0.86 0.00	18.97 0.55 0.00	24.74 0.75 -0.48	25.96 0.82 -0.09	38.72 1.38 0.00	54.29 2.04 -0.20	49.99 1.62 -0.02	37.75 0.58 -2.84	39.20 0.96 -1.71	31.42 0.53 0.00	32.70 0.18 0.00	36.26 0.12 0.00	39.91 0.16 0.00	38.05 0.40 0.00	47.79 1.05 0.00	47.49 1.71 0.00	45.18 1.67 0.00	43.83 1.63 -0.03	44.85 1.54 -0.63	44.20 1.44 -0.36	41.09 1.28 -0.91	30.00 0.89 -0.72
HILLBURN___GT 23639	34.83 1.66 0.00	30.65 1.41 0.00	28.90 1.31 0.00	19.35 0.92 0.00	24.60 1.09 0.00	26.23 1.18 0.00	39.36 2.02 0.00	55.31 3.26 0.00	51.13 2.78 0.00	35.94 1.61 0.00	38.44 1.92 0.00	32.91 2.02 0.00	34.63 2.11 0.00	38.49 2.36 0.00	42.24 2.49 0.00	40.28 2.64 0.00	49.84 3.10 0.00	48.89 3.11 0.00	46.50 2.98 0.00	44.95 2.78 0.00	45.34 2.65 0.00	45.04 2.63 0.00	41.39 2.49 0.00	30.05 1.66 0.00
HILLSIDE_115KV_TB1 80332	33.04 -0.14 0.00	29.02 -0.23 0.00	27.37 -0.21 0.00	18.22 -0.20 0.00	23.31 -0.20 0.00	24.71 -0.34 0.00	36.96 -0.38 0.00	51.26 -0.79 0.00	47.20 -1.14 0.00	33.45 -0.88 0.00	35.40 -1.13 0.00	30.81 -0.08 0.00	32.68 0.16 0.00	36.31 0.17 0.00	39.72 -0.03 0.00	37.55 -0.10 0.00	46.30 -0.44 0.00	44.87 -0.92 0.00	42.54 -0.97 0.00	41.40 -0.77 0.00	42.03 -0.66 0.00	41.62 -0.78 0.00	38.14 -0.77 0.00	27.77 -0.61 0.00

HISHELDN_WT_PWR 323625	32.71 -0.47 0.00	28.45 -0.79 0.00	26.77 -0.82 0.00	17.67 -0.75 0.00	22.53 -0.98 0.00	24.02 -1.02 0.00	35.56 -1.78 0.00	48.77 -3.27 0.00	45.37 -2.98 0.00	32.30 -2.04 0.00	33.99 -2.54 0.00	29.79 -1.11 0.00	31.98 -0.53 0.00	35.71 -0.42 0.00	38.93 -0.82 0.00	36.70 -0.94 0.00	45.07 -1.67 0.00	43.04 -2.74 0.00	40.62 -2.89 0.00	39.33 -2.84 0.00	39.79 -2.89 0.00	39.37 -3.03 0.00	35.97 -2.94 0.00	26.32 -2.06 0.00
HOLTSVILLE_IC_1 23690	34.59 1.41 0.00	30.45 1.21 0.00	28.65 1.06 0.00	19.17 0.75 0.00	24.20 0.69 0.00	22.77 0.73 3.01	31.57 1.23 7.00	43.25 2.19 10.99	48.03 2.06 2.38	27.15 0.94 8.13	38.23 1.71 0.00	32.80 1.91 0.00	34.30 1.78 0.00	37.03 1.62 0.72	35.89 1.81 5.66	34.69 2.25 5.20	42.70 3.01 7.05	47.15 3.00 1.63	45.43 2.88 0.96	42.76 2.38 1.78	37.31 2.06 7.43	38.18 2.17 6.40	35.52 2.09 5.48	28.23 1.65 1.81
HOLTSVILLE_IC_10 23699	34.72 1.54 0.00	30.56 1.31 0.00	28.75 1.17 0.00	19.23 0.81 0.00	24.28 0.77 0.00	23.43 0.83 2.44	33.02 1.37 5.69	45.51 2.40 8.93	48.64 2.23 1.93	27.98 1.06 7.42	38.37 1.85 0.00	32.90 2.01 0.00	34.40 1.88 0.00	37.29 1.74 0.58	37.08 1.94 4.60	35.82 2.40 4.23	44.23 3.22 5.72	47.68 3.22 1.33	45.81 3.08 0.78	43.30 2.58 1.45	38.91 2.27 6.04	39.56 2.35 5.20	36.73 2.28 4.45	28.69 1.77 1.47
HOLTSVILLE_IC_2 23691	34.59 1.41 0.00	30.45 1.21 0.00	28.65 1.06 0.00	19.17 0.75 0.00	24.20 0.69 0.00	22.77 0.73 3.01	31.57 1.23 7.00	43.25 2.19 10.99	48.03 2.06 2.38	27.15 0.94 8.13	38.23 1.71 0.00	32.80 1.91 0.00	34.30 1.78 0.00	37.03 1.62 0.72	35.89 1.81 5.66	34.69 2.25 5.20	42.70 3.01 7.05	47.15 3.00 1.63	45.43 2.88 0.96	42.76 2.38 1.78	37.31 2.06 7.43	38.18 2.17 6.40	35.52 2.09 5.48	28.23 1.65 1.81
HOLTSVILLE_IC_3 23692	34.59 1.41 0.00	30.45 1.21 0.00	28.65 1.06 0.00	19.17 0.75 0.00	24.20 0.69 0.00	22.77 0.73 3.01	31.57 1.23 7.00	43.25 2.19 10.99	48.03 2.06 2.38	27.15 0.94 8.13	38.23 1.71 0.00	32.80 1.91 0.00	34.30 1.78 0.00	37.03 1.62 0.72	35.89 1.81 5.66	34.69 2.25 5.20	42.70 3.01 7.05	47.15 3.00 1.63	45.43 2.88 0.96	42.76 2.38 1.78	37.31 2.06 7.43	38.18 2.17 6.40	35.52 2.09 5.48	28.23 1.65 1.81
HOLTSVILLE_IC_4 23693	34.59 1.41 0.00	30.45 1.21 0.00	28.65 1.06 0.00	19.17 0.75 0.00	24.20 0.69 0.00	22.77 0.73 3.01	31.57 1.23 7.00	43.25 2.19 10.99	48.03 2.06 2.38	27.15 0.94 8.13	38.23 1.71 0.00	32.80 1.91 0.00	34.30 1.78 0.00	37.03 1.62 0.72	35.89 1.81 5.66	34.69 2.25 5.20	42.70 3.01 7.05	47.15 3.00 1.63	45.43 2.88 0.96	42.76 2.38 1.78	37.31 2.06 7.43	38.18 2.17 6.40	35.52 2.09 5.48	28.23 1.65 1.81
HOLTSVILLE_IC_5 23694	34.59 1.41 0.00	30.45 1.21 0.00	28.65 1.06 0.00	19.17 0.75 0.00	24.20 0.69 0.00	22.77 0.73 3.01	31.57 1.23 7.00	43.25 2.19 10.99	48.03 2.06 2.38	27.15 0.94 8.13	38.23 1.71 0.00	32.80 1.91 0.00	34.30 1.78 0.00	37.03 1.62 0.72	35.89 1.81 5.66	34.69 2.25 5.20	42.70 3.01 7.05	47.15 3.00 1.63	45.43 2.88 0.96	42.76 2.38 1.78	37.31 2.06 7.43	38.18 2.17 6.40	35.52 2.09 5.48	28.23 1.65 1.81
HOLTSVILLE_IC_6 23695	34.72 1.54 0.00	30.56 1.31 0.00	28.75 1.17 0.00	19.23 0.81 0.00	24.28 0.77 0.00	23.43 0.83 2.44	33.02 1.37 5.69	45.51 2.40 8.93	48.64 2.23 1.93	27.98 1.06 7.42	38.37 1.85 0.00	32.90 2.01 0.00	34.40 1.88 0.00	37.29 1.74 0.58	37.08 1.94 4.60	35.82 2.40 4.23	44.23 3.22 5.72	47.68 3.22 1.33	45.81 3.08 0.78	43.30 2.58 1.45	38.91 2.27 6.04	39.56 2.35 5.20	36.73 2.28 4.45	28.69 1.77 1.47
HOLTSVILLE_IC_7 23696	34.72 1.54 0.00	30.56 1.31 0.00	28.75 1.17 0.00	19.23 0.81 0.00	24.28 0.77 0.00	23.43 0.83 2.44	33.02 1.37 5.69	45.51 2.40 8.93	48.64 2.23 1.93	27.98 1.06 7.42	38.37 1.85 0.00	32.90 2.01 0.00	34.40 1.88 0.00	37.29 1.74 0.58	37.08 1.94 4.60	35.82 2.40 4.23	44.23 3.22 5.72	47.68 3.22 1.33	45.81 3.08 0.78	43.30 2.58 1.45	38.91 2.27 6.04	39.56 2.35 5.20	36.73 2.28 4.45	28.69 1.77 1.47
HOLTSVILLE_IC_8 23697	34.72 1.54 0.00	30.56 1.31 0.00	28.75 1.17 0.00	19.23 0.81 0.00	24.28 0.77 0.00	23.43 0.83 2.44	33.02 1.37 5.69	45.51 2.40 8.93	48.64 2.23 1.93	27.98 1.06 7.42	38.37 1.85 0.00	32.90 2.01 0.00	34.40 1.88 0.00	37.29 1.74 0.58	37.08 1.94 4.60	35.82 2.40 4.23	44.23 3.22 5.72	47.68 3.22 1.33	45.81 3.08 0.78	43.30 2.58 1.45	38.91 2.27 6.04	39.56 2.35 5.20	36.73 2.28 4.45	28.69 1.77 1.47
HOLTSVILLE_IC_9 23698	34.72 1.54 0.00	30.56 1.31 0.00	28.75 1.17 0.00	19.23 0.81 0.00	24.28 0.77 0.00	23.43 0.83 2.44	33.02 1.37 5.69	45.51 2.40 8.93	48.64 2.23 1.93	27.98 1.06 7.42	38.37 1.85 0.00	32.90 2.01 0.00	34.40 1.88 0.00	37.29 1.74 0.58	37.08 1.94 4.60	35.82 2.40 4.23	44.23 3.22 5.72	47.68 3.22 1.33	45.81 3.08 0.78	43.30 2.58 1.45	38.91 2.27 6.04	39.56 2.35 5.20	36.73 2.28 4.45	28.69 1.77 1.47
HOMER_HL_115KV_TB2 355744	33.18 0.00 0.00	29.05 -0.20 0.00	27.37 -0.21 0.00	18.08 -0.35 0.00	23.25 -0.27 0.00	24.72 -0.33 0.00	36.41 -0.93 0.00	50.69 -1.35 0.00	47.07 -1.28 0.00	33.60 -0.74 0.00	35.64 -0.89 0.00	31.19 0.30 0.00	33.40 0.88 0.00	36.92 0.78 0.00	39.96 0.21 0.00	37.45 -0.19 0.00	45.97 -0.77 0.00	44.32 -1.46 0.00	41.94 -1.57 0.00	40.87 -1.30 0.00	41.55 -1.14 0.00	41.05 -1.36 0.00	37.67 -1.24 0.00	27.65 -0.73 0.00
HOWARD_WT_PWR 323690	32.87 -0.31 0.00	28.57 -0.67 0.00	26.77 -0.82 0.00	17.92 -0.50 0.00	22.85 -0.66 0.00	24.01 -1.04 0.00	35.75 -1.59 0.00	48.87 -3.18 0.00	45.09 -3.26 0.00	31.52 -2.82 0.00	32.82 -3.70 0.00	28.63 -2.26 0.00	30.72 -1.80 0.00	34.60 -1.53 0.00	38.08 -1.66 0.00	36.03 -1.61 0.00	44.13 -2.61 0.00	42.39 -3.39 0.00	40.23 -3.29 0.00	38.86 -3.31 0.00	39.11 -3.58 0.00	38.70 -3.70 0.00	35.29 -3.61 0.00	25.80 -2.59 0.00
HQ_GEN_CEDARS 23644	33.65 0.47 0.00	29.60 0.36 0.00	27.95 0.36 0.00	18.66 0.23 0.00	23.84 0.33 0.00	25.44 0.40 0.00	37.90 0.57 0.00	52.81 0.77 0.00	49.09 0.74 0.00	35.04 0.70 0.00	37.32 0.79 0.00	31.32 0.43 0.00	33.08 0.30 -0.26	32.50 0.28 3.91	40.34 0.59 0.00	38.00 0.36 0.00	47.12 0.39 0.00	46.08 0.30 0.00	44.00 0.49 0.00	42.69 0.52 0.00	43.37 0.68 0.00	43.07 0.66 0.00	39.52 0.61 0.00	28.86 0.48 0.00
HQ_GEN_CEDARS_PROXY 323590	33.65 0.47 0.00	29.60 0.36 0.00	27.95 0.36 0.00	18.66 0.23 0.00	23.84 0.33 0.00	25.44 0.40 0.00	37.90 0.56 0.00	52.82 0.77 0.00	49.09 0.74 0.00	35.03 0.70 0.00	37.32 0.79 0.00	30.73 0.43 0.59	33.08 0.30 -0.26	32.50 0.28 3.91	40.33 0.59 0.00	37.90 0.36 0.10	47.12 0.39 0.00	46.09 0.30 0.00	44.00 0.49 0.00	42.69 0.52 0.00	43.37 0.68 0.00	43.07 0.66 0.00	39.52 0.61 0.00	28.86 0.48 0.00

HQ_GEN_IMPORT 323601	33.34 0.16 0.00	29.35 0.11 0.00	27.70 0.11 0.00	18.50 0.07 0.00	23.61 0.10 0.00	25.18 0.13 0.00	37.52 0.18 0.00	52.31 0.26 0.00	49.33 0.32 -0.66	34.64 0.31 0.00	36.85 0.32 0.00	30.97 0.08 0.00	32.63 0.11 0.00	36.22 0.09 0.00	40.01 0.26 0.00	37.78 0.14 0.00	45.87 0.16 1.03	45.87 0.09 0.00	43.68 0.17 0.00	42.33 0.16 0.00	42.92 0.23 0.00	42.66 0.26 0.00	39.17 0.26 0.00	28.59 0.21 0.00
HQ_GEN_WHEEL 23651	33.34 0.16 0.00	29.35 0.11 0.00	27.70 0.11 0.00	18.50 0.07 0.00	23.61 0.10 0.00	25.18 0.13 0.00	37.52 0.18 0.00	52.31 0.26 0.00	49.33 0.32 -0.66	34.64 0.31 0.00	36.85 0.32 0.00	30.97 0.08 0.00	32.63 0.11 0.00	36.22 0.09 0.00	40.01 0.26 0.00	37.78 0.14 0.00	45.87 0.16 1.03	45.87 0.09 0.00	43.68 0.17 0.00	42.33 0.16 0.00	42.92 0.23 0.00	42.66 0.26 0.00	39.17 0.26 0.00	28.59 0.21 0.00
HUDSON AVE_GT_3 23810	35.15 1.97 0.00	30.92 1.67 0.00	29.12 1.53 0.00	19.49 1.07 0.00	24.75 1.24 0.00	26.39 1.34 0.00	39.59 2.25 0.00	55.63 3.58 0.00	51.51 3.17 0.00	36.29 1.95 0.00	38.87 2.34 0.00	33.34 2.45 0.00	35.04 2.53 0.00	38.93 2.80 0.00	42.67 2.92 0.00	40.75 3.10 0.00	50.34 3.60 0.00	49.35 3.57 0.00	46.92 3.41 0.00	45.34 3.17 0.00	45.69 3.00 0.00	45.37 2.96 0.00	41.69 2.78 0.00	30.25 1.87 0.00
HUDSON AVE_GT_4 23540	35.15 1.97 0.00	30.92 1.67 0.00	29.12 1.53 0.00	19.49 1.07 0.00	24.75 1.24 0.00	26.39 1.34 0.00	39.59 2.25 0.00	55.63 3.58 0.00	51.51 3.17 0.00	36.29 1.95 0.00	38.87 2.34 0.00	33.34 2.45 0.00	35.04 2.53 0.00	38.93 2.80 0.00	42.67 2.92 0.00	40.75 3.10 0.00	50.34 3.60 0.00	49.35 3.57 0.00	46.92 3.41 0.00	45.34 3.17 0.00	45.69 3.00 0.00	45.37 2.96 0.00	41.69 2.78 0.00	30.25 1.87 0.00
HUDSON AVE_GT_5 23657	35.15 1.97 0.00	30.92 1.67 0.00	29.12 1.53 0.00	19.49 1.07 0.00	24.75 1.24 0.00	26.39 1.34 0.00	39.59 2.25 0.00	55.63 3.58 0.00	51.51 3.17 0.00	36.29 1.95 0.00	38.87 2.34 0.00	33.34 2.45 0.00	35.04 2.53 0.00	38.93 2.80 0.00	42.67 2.92 0.00	40.75 3.10 0.00	50.34 3.60 0.00	49.35 3.57 0.00	46.92 3.41 0.00	45.34 3.17 0.00	45.69 3.00 0.00	45.37 2.96 0.00	41.69 2.78 0.00	30.25 1.87 0.00
HUDSON_AVE_10 24168	35.05 1.87 0.00	30.83 1.58 0.00	29.03 1.44 0.00	19.42 1.00 0.00	24.66 1.15 0.00	26.30 1.26 0.00	39.47 2.14 0.00	55.49 3.45 0.00	51.41 3.06 0.00	36.21 1.87 0.00	38.76 2.23 0.00	33.28 2.39 0.00	34.97 2.45 0.00	38.83 2.70 0.00	42.56 2.82 0.00	40.66 3.02 0.00	50.21 3.48 0.00	49.23 3.45 0.00	46.81 3.29 0.00	45.24 3.07 0.00	45.58 2.89 0.00	45.24 2.83 0.00	41.57 2.66 0.00	30.16 1.78 0.00
HUDSON___115KV_TB 4 355613	33.89 0.71 0.00	29.95 0.71 0.00	28.21 0.63 0.00	18.89 0.47 0.00	23.15 0.97 1.33	26.14 1.35 0.25	39.32 1.99 0.00	54.55 3.06 0.56	51.08 2.79 0.05	27.75 1.38 7.96	32.79 1.05 4.79	31.59 0.70 0.00	32.91 0.40 0.00	36.63 0.50 0.00	40.20 0.45 0.00	38.60 0.96 0.00	47.15 0.42 0.00	46.52 0.74 0.00	44.38 0.87 0.00	42.86 0.81 0.12	40.84 0.80 2.65	41.59 0.72 1.53	35.75 0.68 3.83	25.83 0.51 3.06
HUNTER MOUNT___DRP 323613	33.91 0.73 0.00	29.98 0.74 0.00	28.24 0.65 0.00	18.91 0.48 0.00	23.15 0.88 1.24	25.99 1.18 0.24	39.02 1.69 0.00	54.16 2.64 0.53	50.68 2.38 0.05	28.19 1.31 7.45	33.03 0.99 4.48	31.51 0.61 0.00	32.80 0.28 0.00	36.51 0.38 0.00	40.06 0.31 0.00	38.37 0.73 0.00	47.15 0.42 0.00	46.51 0.73 0.00	44.41 0.89 0.00	42.89 0.82 0.10	41.40 0.85 2.15	41.89 0.72 1.24	36.48 0.68 3.11	26.39 0.49 2.48
HUNTINGTON_RES_REC 323705	34.58 1.40 0.00	30.45 1.20 0.00	28.64 1.05 0.00	19.16 0.74 0.00	24.18 0.67 0.00	26.39 0.68 -0.66	40.08 1.21 -1.54	56.69 2.21 -2.43	50.83 1.96 -0.52	31.41 0.91 3.83	38.24 1.71 0.00	32.82 1.93 0.00	34.32 1.81 0.00	37.90 1.61 -0.15	42.77 1.79 -1.24	40.96 2.17 -1.15	51.11 2.81 -1.56	49.04 2.89 -0.36	46.55 2.81 -0.22	44.98 2.41 -0.40	46.45 2.12 -1.64	45.99 2.18 -1.41	42.20 2.08 -1.21	30.32 1.54 -0.40
HUNTLEY___63 23557	32.78 -0.40 0.00	28.44 -0.81 0.00	26.75 -0.84 0.00	17.63 -0.80 0.00	22.58 -0.93 0.00	24.25 -0.80 0.00	35.62 -1.71 0.00	48.91 -3.14 0.00	45.70 -2.65 0.00	33.10 -1.23 0.00	35.02 -1.51 0.00	30.63 -0.26 0.00	32.82 0.30 0.00	36.29 0.16 0.00	39.24 -0.51 0.00	36.86 -0.79 0.00	45.28 -1.46 0.00	43.24 -2.54 0.00	40.66 -2.86 0.00	39.72 -2.45 0.00	40.24 -2.45 0.00	39.93 -2.47 0.00	36.56 -2.35 0.00	26.64 -1.75 0.00
HUNTLEY___64 23558	32.78 -0.40 0.00	28.44 -0.81 0.00	26.75 -0.84 0.00	17.63 -0.80 0.00	22.58 -0.93 0.00	24.25 -0.80 0.00	35.62 -1.71 0.00	48.91 -3.14 0.00	45.70 -2.65 0.00	33.10 -1.23 0.00	35.02 -1.51 0.00	30.63 -0.26 0.00	32.82 0.30 0.00	36.29 0.16 0.00	39.24 -0.51 0.00	36.86 -0.79 0.00	45.28 -1.46 0.00	43.24 -2.54 0.00	40.66 -2.86 0.00	39.72 -2.45 0.00	40.24 -2.45 0.00	39.93 -2.47 0.00	36.56 -2.35 0.00	26.64 -1.75 0.00
HUNTLEY___65 23559	32.78 -0.40 0.00	28.44 -0.81 0.00	26.75 -0.84 0.00	17.63 -0.80 0.00	22.58 -0.93 0.00	24.25 -0.80 0.00	35.62 -1.71 0.00	48.91 -3.14 0.00	45.70 -2.65 0.00	33.10 -1.23 0.00	35.02 -1.51 0.00	30.63 -0.26 0.00	32.82 0.30 0.00	36.29 0.16 0.00	39.24 -0.51 0.00	36.86 -0.79 0.00	45.28 -1.46 0.00	43.24 -2.54 0.00	40.66 -2.86 0.00	39.72 -2.45 0.00	40.24 -2.45 0.00	39.93 -2.47 0.00	36.56 -2.35 0.00	26.64 -1.75 0.00
HUNTLEY___66 23560	32.78 -0.40 0.00	28.44 -0.81 0.00	26.75 -0.84 0.00	17.63 -0.80 0.00	22.58 -0.93 0.00	24.25 -0.80 0.00	35.62 -1.71 0.00	48.91 -3.14 0.00	45.70 -2.65 0.00	33.10 -1.23 0.00	35.02 -1.51 0.00	30.63 -0.26 0.00	32.82 0.30 0.00	36.29 0.16 0.00	39.24 -0.51 0.00	36.86 -0.79 0.00	45.28 -1.46 0.00	43.24 -2.54 0.00	40.66 -2.86 0.00	39.72 -2.45 0.00	40.24 -2.45 0.00	39.93 -2.47 0.00	36.56 -2.35 0.00	26.64 -1.75 0.00
HUNTLEY___67 23561	32.51 -0.67 0.00	28.26 -0.98 0.00	26.58 -1.00 0.00	17.52 -0.91 0.00	22.45 -1.06 0.00	24.09 -0.96 0.00	35.41 -1.92 0.00	48.71 -3.34 0.00	45.47 -2.87 0.00	32.86 -1.47 0.00	34.79 -1.73 0.00	30.45 -0.44 0.00	32.63 0.11 0.00	36.05 -0.08 0.00	38.98 -0.76 0.00	36.58 -1.06 0.00	44.97 -1.76 0.00	42.97 -2.81 0.00	40.43 -3.09 0.00	39.46 -2.71 0.00	40.00 -2.69 0.00	39.65 -2.75 0.00	36.33 -2.58 0.00	26.51 -1.88 0.00
HUNTLEY___68 23562	32.51 -0.67 0.00	28.26 -0.98 0.00	26.58 -1.00 0.00	17.52 -0.91 0.00	22.45 -1.06 0.00	24.09 -0.96 0.00	35.41 -1.92 0.00	48.71 -3.34 0.00	45.47 -2.87 0.00	32.86 -1.47 0.00	34.79 -1.73 0.00	30.45 -0.44 0.00	32.63 0.11 0.00	36.05 -0.08 0.00	38.98 -0.76 0.00	36.58 -1.06 0.00	44.97 -1.76 0.00	42.97 -2.81 0.00	40.43 -3.09 0.00	39.46 -2.71 0.00	40.00 -2.69 0.00	39.65 -2.75 0.00	36.33 -2.58 0.00	26.51 -1.88 0.00

HYLAND___LFGE 323620	34.43 1.25 0.00	30.04 0.79 0.00	28.23 0.64 0.00	18.74 0.32 0.00	23.99 0.48 0.00	25.65 0.60 0.00	38.36 1.03 0.00	53.13 1.08 0.00	49.19 0.85 0.00	34.29 -0.05 0.00	35.68 -0.84 0.00	31.05 0.16 0.00	33.01 0.49 0.00	36.95 0.82 0.00	40.39 0.64 0.00	38.37 0.73 0.00	47.90 1.16 0.00	46.39 0.61 0.00	44.27 0.76 0.00	43.10 0.93 0.00	43.53 0.84 0.00	42.92 0.52 0.00	39.04 0.13 0.00	28.38 -0.01 0.00
INDECK___CORINTH 23802	34.11 0.93 0.00	30.16 0.92 0.00	28.44 0.85 0.00	19.03 0.60 0.00	26.33 0.84 -1.98	26.26 0.83 -0.38	38.63 1.30 0.00	54.86 1.97 -0.84	50.15 1.73 -0.07	47.34 1.21 -11.81	44.83 1.21 -7.10	31.75 0.86 0.00	32.91 0.39 0.00	36.51 0.37 0.00	40.05 0.30 0.00	38.14 0.50 0.00	48.01 1.27 0.00	47.56 1.78 0.00	45.30 1.78 0.00	43.98 1.69 -0.12	46.83 1.58 -2.56	45.35 1.46 -1.48	43.91 1.29 -3.71	32.27 0.93 -2.96
INDECK___ILION 23567	34.07 0.89 0.00	30.06 0.81 0.00	28.35 0.76 0.00	18.93 0.51 0.00	24.16 0.65 0.00	25.74 0.70 0.00	38.42 1.08 0.00	53.67 1.63 0.00	49.68 1.33 0.00	34.94 0.61 0.00	37.34 0.82 0.00	31.33 0.44 0.00	32.86 0.34 0.00	36.40 0.27 0.00	40.14 0.40 0.00	38.29 0.65 0.00	47.83 1.09 0.00	47.17 1.38 0.00	44.83 1.31 0.00	43.42 1.26 0.00	43.87 1.19 0.00	43.52 1.12 0.00	39.93 1.02 0.00	29.10 0.72 0.00
INDECK___OLEAN 23982	33.17 -0.01 0.00	29.05 -0.20 0.00	27.38 -0.21 0.00	18.08 -0.35 0.00	23.25 -0.27 0.00	24.72 -0.33 0.00	36.41 -0.92 0.00	50.68 -1.36 0.00	47.06 -1.28 0.00	33.59 -0.74 0.00	35.64 -0.89 0.00	31.19 0.29 0.00	33.39 0.88 0.00	36.92 0.78 0.00	39.96 0.22 0.00	37.46 -0.18 0.00	45.97 -0.77 0.00	44.32 -1.46 0.00	41.95 -1.56 0.00	40.87 -1.30 0.00	41.55 -1.14 0.00	41.04 -1.36 0.00	37.66 -1.25 0.00	27.65 -0.73 0.00
INDECK___OSWEGO 23783	32.00 -1.18 0.00	28.22 -1.02 0.00	26.61 -0.97 0.00	17.77 -0.66 0.00	22.67 -0.84 0.00	24.17 -0.88 0.00	36.07 -1.26 0.00	50.17 -1.88 0.00	46.37 -1.98 0.00	32.94 -1.39 0.00	35.15 -1.38 0.00	29.88 -1.02 0.00	31.49 -1.03 0.00	35.01 -1.13 0.00	38.43 -1.32 0.00	36.47 -1.18 0.00	45.17 -1.57 0.00	44.26 -1.52 0.00	42.03 -1.49 0.00	40.75 -1.41 0.00	41.24 -1.45 0.00	40.93 -1.48 0.00	37.67 -1.24 0.00	27.55 -0.84 0.00
INDECK___YERKES 23781	32.80 -0.38 0.00	28.47 -0.78 0.00	26.77 -0.81 0.00	17.64 -0.78 0.00	22.60 -0.91 0.00	24.26 -0.78 0.00	35.66 -1.67 0.00	48.93 -3.12 0.00	45.74 -2.61 0.00	33.12 -1.21 0.00	35.05 -1.47 0.00	30.66 -0.23 0.00	32.85 0.33 0.00	36.33 0.20 0.00	39.28 -0.46 0.00	36.90 -0.75 0.00	45.32 -1.42 0.00	43.29 -2.50 0.00	40.69 -2.82 0.00	39.76 -2.41 0.00	40.28 -2.41 0.00	39.97 -2.44 0.00	36.59 -2.32 0.00	26.65 -1.72 0.00
INDIAN POINT_GT_1 24139	34.79 1.61 0.00	30.62 1.38 0.00	28.86 1.27 0.00	19.32 0.90 0.00	24.55 1.04 0.00	26.16 1.12 0.00	39.22 1.88 0.00	55.10 3.05 0.00	50.97 2.63 0.00	35.87 1.54 0.00	38.38 1.85 0.00	32.87 1.98 0.00	34.56 2.04 0.00	38.40 2.27 0.00	42.11 2.36 0.00	40.19 2.55 0.00	49.74 3.00 0.00	48.79 3.01 0.00	46.41 2.89 0.00	44.86 2.69 0.00	45.24 2.55 0.00	44.94 2.53 0.00	41.31 2.40 0.00	29.99 1.61 0.00
INDIAN POINT_GT_2 23659	34.79 1.61 0.00	30.62 1.38 0.00	28.86 1.27 0.00	19.32 0.90 0.00	24.55 1.04 0.00	26.16 1.12 0.00	39.22 1.88 0.00	55.10 3.05 0.00	50.97 2.63 0.00	35.87 1.54 0.00	38.38 1.85 0.00	32.87 1.98 0.00	34.56 2.04 0.00	38.40 2.27 0.00	42.11 2.36 0.00	40.19 2.55 0.00	49.74 3.00 0.00	48.79 3.01 0.00	46.41 2.89 0.00	44.86 2.69 0.00	45.24 2.55 0.00	44.94 2.53 0.00	41.31 2.40 0.00	29.99 1.61 0.00
INDIAN POINT_GT_3 24019	34.79 1.61 0.00	30.62 1.38 0.00	28.86 1.27 0.00	19.32 0.90 0.00	24.55 1.04 0.00	26.16 1.12 0.00	39.22 1.88 0.00	55.10 3.05 0.00	50.97 2.63 0.00	35.87 1.54 0.00	38.38 1.85 0.00	32.87 1.98 0.00	34.56 2.04 0.00	38.40 2.27 0.00	42.11 2.36 0.00	40.19 2.55 0.00	49.74 3.00 0.00	48.79 3.01 0.00	46.41 2.89 0.00	44.86 2.69 0.00	45.24 2.55 0.00	44.94 2.53 0.00	41.31 2.40 0.00	29.99 1.61 0.00
INDIAN POINT___2 23530	34.77 1.59 0.00	30.60 1.36 0.00	28.85 1.26 0.00	19.31 0.89 0.00	24.54 1.04 0.00	26.15 1.11 0.00	39.21 1.88 0.00	55.09 3.05 0.00	50.95 2.60 0.00	35.84 1.51 0.00	38.36 1.83 0.00	32.85 1.96 0.00	34.53 2.02 0.00	38.37 2.24 0.00	42.09 2.34 0.00	40.16 2.52 0.00	49.70 2.97 0.00	48.76 2.97 0.00	46.37 2.85 0.00	44.83 2.66 0.00	45.20 2.51 0.00	44.90 2.50 0.00	41.28 2.37 0.00	29.97 1.59 0.00
INDIAN POINT___3 23531	34.76 1.58 0.00	30.60 1.36 0.00	28.84 1.26 0.00	19.31 0.89 0.00	24.54 1.03 0.00	26.15 1.10 0.00	39.19 1.86 0.00	55.06 3.01 0.00	50.94 2.59 0.00	35.84 1.50 0.00	38.36 1.83 0.00	32.85 1.96 0.00	34.53 2.01 0.00	38.37 2.24 0.00	42.07 2.33 0.00	40.15 2.51 0.00	49.70 2.96 0.00	48.74 2.96 0.00	46.36 2.85 0.00	44.81 2.65 0.00	45.19 2.51 0.00	44.89 2.49 0.00	41.26 2.35 0.00	29.97 1.58 0.00
INGHAM_C_115KV_TB7 356103	35.07 1.89 0.00	30.95 1.71 0.00	29.19 1.61 0.00	19.50 1.08 0.00	24.91 1.40 0.00	26.53 1.49 0.00	39.61 2.27 0.00	55.44 3.39 0.00	51.10 2.75 0.00	35.62 1.28 0.00	38.22 1.69 0.00	31.70 0.81 0.00	33.11 0.60 0.00	36.53 0.40 0.00	40.45 0.71 0.00	38.86 1.22 0.00	48.80 2.07 0.00	48.44 2.66 0.00	46.16 2.64 0.00	44.69 2.52 0.00	45.16 2.47 0.00	44.80 2.39 0.00	41.09 2.18 0.00	29.91 1.53 0.00
IP CORINTH___1 23988	34.30 1.12 0.00	30.32 1.07 0.00	28.58 0.99 0.00	19.13 0.71 0.00	26.45 0.96 -1.98	26.40 0.98 -0.38	38.86 1.52 0.00	55.16 2.28 -0.84	50.43 2.01 -0.07	47.54 1.40 -11.81	45.05 1.43 -7.10	31.93 1.04 0.00	33.11 0.59 0.00	36.72 0.60 0.00	40.29 0.54 0.00	38.36 0.72 0.00	48.27 1.53 0.00	47.82 2.04 0.00	45.56 2.04 0.00	44.21 1.92 -0.12	47.08 1.84 -2.56	45.58 1.70 -1.48	44.14 1.53 -3.71	32.44 1.10 -2.96
IP___TICONDEROGA 23804	35.80 2.62 0.00	31.49 2.24 0.00	29.79 2.20 0.00	19.90 1.48 0.00	27.75 2.09 -2.15	27.72 2.26 -0.41	40.85 3.51 0.00	58.23 5.27 -0.91	53.28 4.85 -0.08	50.70 3.57 -12.80	47.99 3.76 -7.70	33.60 2.70 0.00	34.68 2.16 0.00	38.10 1.96 0.00	41.71 1.97 0.00	40.17 2.53 0.00	51.23 4.50 0.00	50.86 5.08 0.00	48.55 5.04 0.00	47.07 4.77 -0.13	50.04 4.58 -2.78	48.31 4.30 -1.60	46.64 3.72 -4.02	34.32 2.73 -3.21
ISLIP_RES_REC 323679	34.84 1.66 0.00	30.65 1.40 0.00	28.84 1.25 0.00	19.29 0.86 0.00	24.35 0.84 0.00	23.59 0.91 2.37	33.33 1.51 5.51	45.99 2.60 8.66	48.91 2.43 1.87	28.24 1.19 7.29	38.52 1.99 0.00	33.02 2.13 0.00	34.52 2.00 0.00	37.43 1.86 0.57	37.37 2.09 4.46	36.11 2.57 4.10	44.64 3.45 5.55	47.94 3.44 1.29	46.05 3.29 0.75	43.54 2.77 1.41	39.28 2.45 5.85	39.89 2.52 5.04	37.01 2.42 4.32	28.83 1.87 1.42

JAMAICA__27_KV_LOAD 355505	34.98 1.80 0.00	30.77 1.53 0.00	28.96 1.38 0.00	11.02 0.94 8.34	24.57 1.06 0.00	26.23 1.18 0.00	39.41 2.08 0.00	55.52 3.47 0.00	51.46 3.12 0.00	36.23 1.90 0.00	38.72 2.20 0.00	33.34 2.45 0.00	35.02 2.50 0.00	38.87 2.74 0.00	42.56 2.81 0.00	40.72 3.08 0.00	50.22 3.49 0.00	49.24 3.45 0.00	46.85 3.34 0.00	45.28 3.11 0.00	45.62 2.94 0.00	45.25 2.84 0.00	41.57 2.67 0.00	30.16 1.78 0.00
JANIS__SOLAR 323808	34.36 1.18 0.00	30.28 1.04 0.00	28.56 0.97 0.00	19.00 0.58 0.00	24.31 0.80 0.00	25.96 0.91 0.00	38.82 1.49 0.00	54.01 1.96 0.00	49.62 1.28 0.00	34.70 0.36 0.00	36.35 -0.18 0.00	31.26 0.37 0.00	33.06 0.54 0.00	37.05 0.91 0.00	41.05 1.30 0.00	38.88 1.24 0.00	48.31 1.57 0.00	47.36 1.58 0.00	45.15 1.64 0.00	43.85 1.68 0.00	44.27 1.58 0.00	43.61 1.21 0.00	39.95 1.04 0.00	29.04 0.66 0.00
JARVIS____ 23743	33.35 0.17 0.00	29.42 0.18 0.00	27.75 0.16 0.00	18.53 0.11 0.00	23.65 0.14 0.00	25.18 0.14 0.00	37.54 0.20 0.00	52.36 0.31 0.00	48.63 0.28 0.00	34.48 0.15 0.00	36.69 0.15 0.00	31.02 0.13 0.00	32.64 0.12 0.00	36.28 0.14 0.00	39.90 0.15 0.00	37.85 0.21 0.00	47.06 0.32 0.00	46.18 0.40 0.00	43.85 0.34 0.00	42.49 0.32 0.00	42.94 0.26 0.00	42.65 0.25 0.00	39.11 0.20 0.00	28.52 0.13 0.00
JENNISON____1 23625	34.38 1.20 0.00	30.45 1.21 0.00	28.69 1.10 0.00	19.08 0.66 0.00	24.43 0.92 0.00	26.05 1.00 0.00	38.76 1.42 0.00	53.91 1.86 0.00	49.30 0.95 0.00	34.92 0.59 0.00	36.59 0.07 0.00	31.39 0.50 0.00	33.13 0.61 0.00	37.14 1.01 0.00	40.75 1.00 0.00	38.77 1.12 0.00	48.14 1.40 0.00	47.00 1.21 0.00	44.54 1.02 0.00	43.24 1.07 0.00	43.66 0.97 0.00	42.94 0.54 0.00	39.57 0.66 0.00	28.75 0.37 0.00
JENNISON____2 23626	34.38 1.20 0.00	30.45 1.21 0.00	28.69 1.10 0.00	19.08 0.66 0.00	24.43 0.92 0.00	26.05 1.00 0.00	38.76 1.42 0.00	53.91 1.86 0.00	49.30 0.95 0.00	34.92 0.59 0.00	36.59 0.07 0.00	31.39 0.50 0.00	33.13 0.61 0.00	37.14 1.01 0.00	40.75 1.00 0.00	38.77 1.12 0.00	48.14 1.40 0.00	47.00 1.21 0.00	44.54 1.02 0.00	43.24 1.07 0.00	43.66 0.97 0.00	42.94 0.54 0.00	39.57 0.66 0.00	28.75 0.37 0.00
JERICOHO_RISE_WT_PWR 323719	33.62 0.44 0.00	29.55 0.30 0.00	27.90 0.31 0.00	18.67 0.25 0.00	23.86 0.34 0.00	25.33 0.28 0.00	37.50 0.16 0.00	52.02 -0.03 0.00	48.22 -0.13 0.00	34.60 0.26 0.00	36.85 0.33 0.00	30.85 -0.04 0.00	22.00 -0.64 9.88	21.08 -0.77 14.28	39.78 0.03 0.00	37.23 -0.41 0.00	46.15 -0.59 0.00	44.98 -0.80 0.00	43.38 -0.45 -0.32	43.94 -0.51 -2.28	42.45 -0.24 0.00	42.32 -0.08 0.00	39.20 0.29 0.00	28.69 0.31 0.00
KATONAH__115KV_46KV_TB4 355592	34.85 1.67 0.00	30.69 1.44 0.00	28.91 1.33 0.00	19.36 0.93 0.00	24.60 1.09 0.00	26.21 1.16 0.00	39.27 1.94 0.00	55.17 3.12 0.00	51.08 2.74 0.00	35.98 1.64 0.00	38.50 1.97 0.00	32.97 2.08 0.00	34.63 2.11 0.00	38.50 2.37 0.00	42.21 2.47 0.00	40.28 2.64 0.00	49.88 3.15 0.00	48.93 3.15 0.00	46.54 3.03 0.00	45.00 2.84 0.00	45.36 2.67 0.00	45.03 2.63 0.00	41.38 2.47 0.00	30.04 1.66 0.00
KCE_NY_1 323755	34.51 1.33 0.00	30.47 1.23 0.00	28.75 1.16 0.00	19.21 0.79 0.00	26.94 1.05 -2.38	26.61 1.11 -0.46	39.00 1.66 0.00	55.49 2.43 -1.01	50.52 2.08 -0.09	49.98 1.45 -14.20	46.57 1.51 -8.54	32.12 1.23 0.00	33.41 0.89 0.00	37.11 0.98 0.00	40.68 0.94 0.00	38.60 0.96 0.00	48.44 1.70 0.00	47.82 2.03 0.00	45.56 2.04 0.00	44.27 1.95 -0.14	47.63 1.86 -3.08	45.98 1.80 -1.78	45.00 1.64 -4.45	33.11 1.18 -3.56
KCE_NY_6_ESR 323823	32.83 -0.35 0.00	28.52 -0.73 0.00	26.84 -0.74 0.00	17.69 -0.73 0.00	22.63 -0.88 0.00	24.26 -0.78 0.00	35.75 -1.58 0.00	49.21 -2.84 0.00	45.90 -2.45 0.00	33.09 -1.24 0.00	35.01 -1.52 0.00	30.64 -0.25 0.00	32.85 0.33 0.00	36.36 0.23 0.00	39.37 -0.38 0.00	36.97 -0.66 0.00	45.47 -1.27 0.00	43.48 -2.30 0.00	40.96 -2.55 0.00	39.91 -2.26 0.00	40.46 -2.23 0.00	40.03 -2.37 0.00	36.63 -2.27 0.00	26.73 -1.65 0.00
KEDC_PORT_JEFF_GT2 24210	34.62 1.44 0.00	30.48 1.23 0.00	28.67 1.09 0.00	19.18 0.76 0.00	24.22 0.71 0.00	23.48 0.76 2.32	33.16 1.24 5.41	45.74 2.19 8.49	48.54 2.02 1.84	27.96 0.93 7.30	38.28 1.75 0.00	32.84 1.94 0.00	34.33 1.81 0.00	37.23 1.66 0.56	37.22 1.85 4.38	35.94 2.32 4.02	44.39 3.10 5.44	47.59 3.07 1.26	45.67 2.90 0.74	43.18 2.39 1.38	39.01 2.07 5.74	39.70 2.23 4.94	36.87 2.20 4.24	28.72 1.73 1.40
KEDC_PORT_JEFF_GT3 24211	34.62 1.44 0.00	30.48 1.23 0.00	28.67 1.09 0.00	19.18 0.76 0.00	24.22 0.71 0.00	23.48 0.76 2.32	33.16 1.24 5.41	45.74 2.19 8.49	48.54 2.02 1.84	27.96 0.93 7.30	38.28 1.75 0.00	32.84 1.94 0.00	34.33 1.81 0.00	37.23 1.66 0.56	37.22 1.85 4.38	35.94 2.32 4.02	44.39 3.10 5.44	47.59 3.07 1.26	45.67 2.90 0.74	43.18 2.39 1.38	39.01 2.07 5.74	39.70 2.23 4.94	36.87 2.20 4.24	28.72 1.73 1.40
KEDC_GLWD_GT4 24219	35.02 1.84 0.00	30.83 1.58 0.00	29.02 1.43 0.00	19.41 0.99 0.00	24.62 1.11 0.00	26.23 1.18 0.00	39.32 1.98 0.00	55.31 3.26 0.00	51.18 2.83 0.00	34.39 1.65 1.60	38.75 2.22 0.00	33.21 2.32 0.00	34.86 2.34 0.00	38.60 2.47 0.00	42.38 2.64 0.00	40.50 2.86 0.00	50.12 3.39 0.00	49.19 3.41 0.00	46.82 3.29 -0.02	45.19 3.02 0.00	45.51 2.82 0.00	45.21 2.81 0.00	41.55 2.64 0.00	30.20 1.81 0.00
KEDC_GLWD_GT5 24220	35.02 1.84 0.00	30.83 1.58 0.00	29.02 1.43 0.00	19.41 0.99 0.00	24.62 1.11 0.00	26.23 1.18 0.00	39.32 1.98 0.00	55.31 3.26 0.00	51.18 2.83 0.00	34.39 1.65 1.60	38.75 2.22 0.00	33.21 2.32 0.00	34.86 2.34 0.00	38.60 2.47 0.00	42.38 2.64 0.00	40.50 2.86 0.00	50.12 3.39 0.00	49.19 3.41 0.00	46.82 3.29 -0.02	45.19 3.02 0.00	45.51 2.82 0.00	45.21 2.81 0.00	41.55 2.64 0.00	30.20 1.81 0.00
KENSICO____ 23655	34.86 1.68 0.00	30.69 1.44 0.00	28.91 1.33 0.00	19.36 0.93 0.00	24.60 1.09 0.00	26.20 1.16 0.00	39.28 1.95 0.00	55.18 3.14 0.00	51.09 2.74 0.00	35.96 1.63 0.00	38.50 1.97 0.00	32.98 2.09 0.00	34.66 2.14 0.00	38.50 2.37 0.00	42.23 2.48 0.00	40.31 2.67 0.00	49.87 3.13 0.00	48.91 3.13 0.00	46.52 3.00 0.00	44.96 2.80 0.00	45.33 2.64 0.00	45.02 2.62 0.00	41.38 2.47 0.00	30.05 1.67 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.95 1.77 0.00	30.78 1.53 0.00	29.00 1.41 0.00	19.39 0.97 0.00	24.44 1.15 0.22	26.22 1.22 0.04	39.40 2.06 0.00	55.39 3.43 0.09	51.22 2.88 0.01	34.68 1.71 1.36	37.51 1.81 0.82	32.60 1.71 0.00	34.27 1.75 0.00	37.82 1.68 0.00	41.57 1.82 0.00	39.66 2.01 0.00	49.34 2.61 0.00	48.48 2.70 0.00	46.14 2.63 0.00	44.64 2.48 0.02	44.74 2.42 0.36	44.96 2.77 0.21	40.95 2.57 0.53	29.66 1.70 0.42

KIAC_JFK_GT1 23816	34.88 1.70 0.00	30.68 1.44 0.00	28.88 1.29 0.00	10.97 0.89 8.34	24.50 0.99 0.00	26.15 1.11 0.00	39.27 1.94 0.00	55.33 3.29 0.00	51.30 2.95 0.00	36.10 1.76 0.00	38.52 1.99 0.00	33.22 2.33 0.00	34.90 2.38 0.00	38.72 2.59 0.00	42.38 2.64 0.00	40.50 2.86 0.00	49.94 3.20 0.00	48.90 3.12 0.00	46.55 3.03 0.00	44.98 2.81 0.00	45.32 2.63 0.00	44.95 2.54 0.00	41.31 2.40 0.00	29.99 1.61 0.00
KIAC_JFK_GT2 23817	34.88 1.70 0.00	30.68 1.44 0.00	28.88 1.29 0.00	10.97 0.89 8.34	24.50 0.99 0.00	26.15 1.11 0.00	39.27 1.94 0.00	55.33 3.29 0.00	51.30 2.95 0.00	36.10 1.76 0.00	38.52 1.99 0.00	33.22 2.33 0.00	34.90 2.38 0.00	38.72 2.59 0.00	42.38 2.64 0.00	40.50 2.86 0.00	49.94 3.20 0.00	48.90 3.12 0.00	46.55 3.03 0.00	44.98 2.81 0.00	45.32 2.63 0.00	44.95 2.54 0.00	41.31 2.40 0.00	29.99 1.61 0.00
KIAC_JFK____ 323774	34.88 1.70 0.00	30.68 1.44 0.00	28.88 1.29 0.00	10.97 0.89 8.34	24.50 0.99 0.00	26.15 1.11 0.00	39.27 1.94 0.00	55.33 3.28 0.00	51.30 2.95 0.00	36.10 1.76 0.00	38.52 1.99 0.00	33.22 2.33 0.00	34.90 2.38 0.00	38.72 2.59 0.00	42.39 2.64 0.00	40.50 2.86 0.00	49.94 3.20 0.00	48.91 3.12 0.00	46.55 3.03 0.00	44.98 2.81 0.00	45.32 2.63 0.00	44.95 2.54 0.00	41.32 2.41 0.00	29.99 1.61 0.00
KINTIGH__24_KV_GSU 356498	32.61 -0.57 0.00	28.38 -0.87 0.00	26.72 -0.86 0.00	17.64 -0.78 0.00	22.61 -0.89 0.00	24.26 -0.79 0.00	35.70 -1.64 0.00	49.17 -2.87 0.00	45.90 -2.45 0.00	33.09 -1.24 0.00	35.08 -1.44 0.00	30.58 -0.31 0.00	32.70 0.18 0.00	36.15 0.02 0.00	39.14 -0.60 0.00	36.78 -0.86 0.00	45.27 -1.47 0.00	43.43 -2.35 0.00	40.90 -2.62 0.00	39.90 -2.27 0.00	40.44 -2.24 0.00	40.09 -2.32 0.00	36.71 -2.20 0.00	26.78 -1.61 0.00
KINTIGH____ 23543	32.59 -0.59 0.00	28.36 -0.88 0.00	26.70 -0.89 0.00	17.63 -0.79 0.00	22.60 -0.91 0.00	24.24 -0.81 0.00	35.67 -1.66 0.00	49.17 -2.88 0.00	45.87 -2.48 0.00	33.08 -1.26 0.00	35.06 -1.47 0.00	30.56 -0.33 0.00	32.68 0.16 0.00	36.14 0.01 0.00	39.13 -0.61 0.00	36.76 -0.88 0.00	45.24 -1.50 0.00	43.40 -2.38 0.00	40.86 -2.65 0.00	39.88 -2.29 0.00	40.41 -2.28 0.00	40.06 -2.34 0.00	36.70 -2.21 0.00	26.76 -1.62 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.99 0.81 0.00	29.86 0.61 0.00	28.17 0.58 0.00	18.87 0.45 0.00	24.12 0.61 0.00	25.47 0.43 0.00	37.50 0.16 0.00	51.85 -0.20 0.00	48.12 -0.22 0.00	34.63 0.29 0.00	36.96 0.44 0.00	30.99 0.10 0.00	22.24 -0.78 9.49	21.24 -1.01 13.88	39.73 -0.01 0.00	37.12 -0.52 0.00	45.86 -0.88 0.00	44.54 -1.24 0.00	45.39 -0.85 -2.72	60.75 -0.92 -19.50	42.18 -0.51 0.00	42.28 -0.13 0.00	39.60 0.69 0.00	29.05 0.67 0.00
LACHUTE____HYDRO 323717	35.79 2.61 0.00	31.49 2.24 0.00	29.79 2.20 0.00	19.90 1.48 0.00	27.75 2.09 -2.15	27.72 2.26 -0.41	40.85 3.51 0.00	58.22 5.27 -0.91	53.28 4.85 -0.08	50.70 3.57 -12.80	47.99 3.77 -7.70	33.60 2.71 0.00	34.68 2.16 0.00	38.09 1.96 0.00	41.71 1.97 0.00	40.17 2.53 0.00	51.23 4.50 0.00	50.86 5.08 0.00	48.55 5.04 0.00	47.07 4.77 -0.13	50.04 4.58 -2.78	48.31 4.30 -1.60	46.64 3.72 -4.02	34.32 2.73 -3.21
LAWRNCV_115KV_TB1 80681	33.83 0.65 0.00	29.81 0.56 0.00	28.14 0.55 0.00	18.77 0.35 0.00	24.02 0.51 0.00	25.63 0.59 0.00	38.06 0.73 0.00	53.10 1.05 0.00	49.09 0.75 0.00	35.08 0.74 0.00	37.55 1.03 0.00	31.52 0.63 0.00	34.11 0.36 -1.23	37.76 0.37 -1.26	40.50 0.75 0.00	38.10 0.46 0.00	47.04 0.30 0.00	46.09 0.31 0.00	44.09 0.57 0.00	42.81 0.64 0.00	43.63 0.94 0.00	43.39 0.98 0.00	39.75 0.84 0.00	29.04 0.65 0.00
LEDERLE____ 23769	34.97 1.79 0.00	30.77 1.52 0.00	29.00 1.42 0.00	19.41 1.00 0.00	24.69 1.18 0.00	26.38 1.33 0.00	39.59 2.25 0.00	55.66 3.61 0.00	51.45 3.10 0.00	36.17 1.84 0.00	38.69 2.16 0.00	33.13 2.24 0.00	34.85 2.34 0.00	38.76 2.63 0.00	42.52 2.78 0.00	40.56 2.92 0.00	50.07 3.34 0.00	49.12 3.34 0.00	46.72 3.20 0.00	45.16 2.99 0.00	45.54 2.85 0.00	45.23 2.82 0.00	41.54 2.64 0.00	30.16 1.78 0.00
LIGHTHSE_115KV_TB6 355974	32.68 -0.50 0.00	28.92 -0.33 0.00	27.27 -0.31 0.00	18.16 -0.26 0.00	23.24 -0.27 0.00	24.79 -0.25 0.00	36.95 -0.39 0.00	51.55 -0.50 0.00	47.38 -0.97 0.00	33.60 -0.73 0.00	36.07 -0.46 0.00	30.58 -0.31 0.00	32.12 -0.39 0.00	35.77 -0.36 0.00	39.43 -0.31 0.00	37.43 -0.22 0.00	46.23 -0.51 0.00	45.58 -0.20 0.00	43.24 -0.28 0.00	41.97 -0.20 0.00	42.45 -0.24 0.00	41.94 -0.47 0.00	38.31 -0.59 0.00	27.97 -0.41 0.00
LINDEN COGEN____ 23786	34.97 1.79 0.00	30.76 1.52 0.00	28.98 1.40 0.00	19.40 0.98 0.00	24.64 1.13 0.00	26.27 1.22 0.00	39.43 2.10 0.00	55.38 3.33 0.00	51.25 2.91 0.00	36.08 1.75 0.00	38.64 2.12 0.00	33.15 2.26 0.00	34.83 2.31 0.00	38.70 2.57 0.00	42.44 2.69 0.00	40.52 2.88 0.00	50.04 3.31 0.00	49.07 3.29 0.00	46.66 3.15 0.00	45.09 2.92 0.00	45.44 2.76 0.00	45.15 2.74 0.00	41.49 2.58 0.00	30.11 1.73 0.00
LINDHRST_69_KV_BK1 356055	35.17 1.99 0.00	30.94 1.70 0.00	29.12 1.53 0.00	19.46 1.04 0.00	24.61 1.10 0.00	25.64 1.15 0.56	37.98 1.95 1.30	53.31 3.30 2.03	50.82 2.91 0.44	31.32 1.55 4.56	38.87 2.34 0.00	33.29 2.40 0.00	34.87 2.35 0.00	38.29 2.29 0.14	41.18 2.49 1.05	39.48 2.80 0.96	48.89 3.46 1.30	49.10 3.62 0.30	46.83 3.48 0.17	45.00 3.16 0.33	44.22 2.91 1.37	44.11 2.89 1.19	40.60 2.71 1.02	30.01 1.96 0.33
LIPA_MISC_IPP 23656	34.52 1.34 0.00	30.40 1.15 0.00	28.60 1.01 0.00	19.13 0.71 0.00	24.16 0.65 0.00	22.89 0.73 2.89	31.84 1.23 6.72	43.66 2.17 10.56	48.23 2.17 2.28	27.30 0.96 7.98	38.22 1.69 0.00	32.77 1.88 0.00	34.26 1.74 0.00	37.02 1.57 0.69	36.08 1.78 5.44	34.91 2.27 5.00	43.10 3.13 6.77	47.33 3.11 1.57	45.59 3.00 0.92	42.89 2.43 1.72	37.60 2.05 7.14	38.43 2.18 6.15	35.73 2.09 5.26	28.33 1.69 1.74
LISF____SOLAR 323691	34.58 1.40 0.00	30.44 1.19 0.00	28.64 1.05 0.00	19.16 0.74 0.00	24.20 0.69 0.00	23.04 0.78 2.79	32.14 1.30 6.49	44.14 2.29 10.19	48.37 2.23 2.20	27.47 0.99 7.86	38.23 1.70 0.00	32.78 1.89 0.00	34.26 1.75 0.00	37.04 1.58 0.67	36.28 1.79 5.25	35.11 2.30 4.83	43.43 3.22 6.53	47.47 3.20 1.52	45.71 3.09 0.89	43.04 2.53 1.66	37.93 2.14 6.89	38.73 2.26 5.93	36.00 2.18 5.08	28.45 1.74 1.67
LITTLE FALLS____HYD 24013	35.07 1.89 0.00	30.95 1.71 0.00	29.19 1.61 0.00	19.50 1.08 0.00	24.91 1.40 0.00	26.53 1.49 0.00	39.61 2.27 0.00	55.44 3.39 0.00	51.10 2.75 0.00	35.62 1.28 0.00	38.22 1.69 0.00	31.70 0.81 0.00	33.11 0.60 0.00	36.53 0.40 0.00	40.45 0.71 0.00	38.86 1.22 0.00	48.80 2.07 0.00	48.44 2.66 0.00	46.16 2.64 0.00	44.69 2.52 0.00	45.16 2.47 0.00	44.80 2.39 0.00	41.09 2.18 0.00	29.91 1.53 0.00

LITTLRIV_115KV_TB1 356100	34.26 1.08 0.00	30.18 0.94 0.00	28.49 0.91 0.00	19.01 0.59 0.00	24.33 0.82 0.00	26.00 0.95 0.00	38.64 1.31 0.00	53.91 1.86 0.00	49.72 1.38 0.00	35.53 1.19 0.00	38.03 1.50 0.00	31.92 1.03 0.00	34.58 0.66 -1.40	38.27 0.70 -1.43	40.75 1.00 0.00	38.30 0.66 0.00	47.27 0.53 0.00	46.59 0.81 0.00	44.75 1.23 0.00	43.48 1.31 0.00	44.29 1.60 0.00	43.98 1.57 0.00	40.24 1.33 0.00	29.38 0.99 0.00
LI_NEWBRDGE___DRP 323616	34.68 1.51 0.00	30.53 1.29 0.00	28.73 1.15 0.00	19.22 0.80 0.00	24.32 0.81 0.00	25.89 0.85 0.00	38.78 1.45 0.00	54.58 2.53 0.00	50.53 2.19 0.00	30.43 1.14 5.04	38.39 1.86 0.00	32.90 2.01 0.00	34.47 1.95 0.00	38.05 1.93 0.01	41.82 2.09 0.01	40.00 2.35 0.00	49.57 2.83 0.00	48.68 2.89 0.00	46.32 2.80 -0.01	44.65 2.49 0.00	44.96 2.27 0.00	44.69 2.29 0.00	41.10 2.19 0.00	29.93 1.54 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.55 -0.63 0.00	28.25 -1.00 0.00	26.58 -1.01 0.00	17.51 -0.91 0.00	22.41 -1.11 0.00	24.06 -0.98 0.00	35.32 -2.02 0.00	48.52 -3.52 0.00	45.37 -2.97 0.00	32.86 -1.47 0.00	34.75 -1.78 0.00	30.40 -0.49 0.00	32.56 0.04 0.00	35.96 -0.17 0.00	38.90 -0.85 0.00	36.56 -1.09 0.00	44.93 -1.81 0.00	42.90 -2.88 0.00	40.36 -3.16 0.00	39.41 -2.76 0.00	39.91 -2.78 0.00	39.64 -2.77 0.00	36.29 -2.62 0.00	26.44 -1.94 0.00
LOCKPORT___CC1 323769	32.53 -0.64 0.00	28.24 -1.00 0.00	26.56 -1.02 0.00	17.50 -0.92 0.00	22.41 -1.11 0.00	24.05 -0.99 0.00	35.31 -2.02 0.00	48.47 -3.58 0.00	45.35 -2.99 0.00	32.82 -1.51 0.00	34.71 -1.81 0.00	30.36 -0.53 0.00	32.54 0.02 0.00	35.95 -0.18 0.00	38.88 -0.86 0.00	36.54 -1.10 0.00	44.90 -1.83 0.00	42.87 -2.91 0.00	40.32 -3.19 0.00	39.37 -2.80 0.00	39.88 -2.81 0.00	39.59 -2.82 0.00	36.24 -2.68 0.00	26.42 -1.96 0.00
LOCKPORT___CC2 323770	32.53 -0.64 0.00	28.24 -1.00 0.00	26.56 -1.02 0.00	17.50 -0.92 0.00	22.41 -1.11 0.00	24.05 -0.99 0.00	35.31 -2.02 0.00	48.47 -3.58 0.00	45.35 -2.99 0.00	32.82 -1.51 0.00	34.71 -1.81 0.00	30.36 -0.53 0.00	32.54 0.02 0.00	35.95 -0.18 0.00	38.88 -0.86 0.00	36.54 -1.10 0.00	44.90 -1.83 0.00	42.87 -2.91 0.00	40.32 -3.19 0.00	39.37 -2.80 0.00	39.88 -2.81 0.00	39.59 -2.82 0.00	36.24 -2.68 0.00	26.42 -1.96 0.00
LOCKPORT___CC3 323771	32.53 -0.64 0.00	28.24 -1.00 0.00	26.56 -1.02 0.00	17.50 -0.92 0.00	22.41 -1.11 0.00	24.05 -0.99 0.00	35.31 -2.02 0.00	48.47 -3.58 0.00	45.35 -2.99 0.00	32.82 -1.51 0.00	34.71 -1.81 0.00	30.36 -0.53 0.00	32.54 0.02 0.00	35.95 -0.18 0.00	38.88 -0.86 0.00	36.54 -1.10 0.00	44.90 -1.83 0.00	42.87 -2.91 0.00	40.32 -3.19 0.00	39.37 -2.80 0.00	39.88 -2.81 0.00	39.59 -2.82 0.00	36.24 -2.68 0.00	26.42 -1.96 0.00
LOCUSVLY_69_KV_BK2 55797	34.98 1.80 0.00	30.78 1.54 0.00	28.96 1.38 0.00	19.38 0.96 0.00	24.54 1.03 0.00	26.75 1.08 -0.63	40.65 1.86 -1.46	57.42 3.08 -2.29	51.54 2.70 -0.49	34.17 1.52 1.68	38.72 2.19 0.00	33.19 2.30 0.00	34.81 2.30 0.00	38.63 2.35 -0.15	43.45 2.53 -1.17	41.50 2.77 -1.09	51.52 3.31 -1.47	49.49 3.36 -0.34	46.98 3.25 -0.22	45.51 2.97 -0.37	47.00 2.77 -1.55	46.48 2.75 -1.33	42.62 2.57 -1.14	30.54 1.78 -0.38
LONG_LAKE_PHOENIX 24014	32.39 -0.79 0.00	28.53 -0.71 0.00	26.91 -0.68 0.00	17.96 -0.46 0.00	22.92 -0.59 0.00	24.44 -0.60 0.00	36.50 -0.83 0.00	50.82 -1.22 0.00	47.01 -1.34 0.00	33.36 -0.97 0.00	35.60 -0.93 0.00	30.31 -0.58 0.00	31.96 -0.55 0.00	35.53 -0.60 0.00	38.97 -0.78 0.00	36.95 -0.69 0.00	45.78 -0.96 0.00	44.86 -0.92 0.00	42.60 -0.91 0.00	41.31 -0.86 0.00	41.79 -0.90 0.00	41.43 -0.97 0.00	37.97 -0.94 0.00	27.69 -0.69 0.00
LOVETT___3 23632	34.77 1.59 0.00	30.60 1.36 0.00	28.85 1.26 0.00	19.31 0.89 0.00	24.55 1.04 0.00	26.14 1.10 0.00	39.18 1.85 0.00	55.05 3.01 0.00	50.91 2.56 0.00	35.82 1.49 0.00	38.33 1.80 0.00	32.83 1.94 0.00	34.51 2.00 0.00	38.36 2.23 0.00	42.07 2.32 0.00	40.14 2.50 0.00	49.71 2.98 0.00	48.77 2.99 0.00	46.37 2.86 0.00	44.84 2.67 0.00	45.21 2.53 0.00	44.92 2.52 0.00	41.29 2.38 0.00	29.98 1.60 0.00
LOVETT___4 23642	34.77 1.59 0.00	30.60 1.36 0.00	28.85 1.26 0.00	19.31 0.89 0.00	24.55 1.04 0.00	26.14 1.10 0.00	39.18 1.85 0.00	55.05 3.01 0.00	50.91 2.56 0.00	35.82 1.49 0.00	38.33 1.80 0.00	32.83 1.94 0.00	34.51 2.00 0.00	38.36 2.23 0.00	42.07 2.32 0.00	40.14 2.50 0.00	49.71 2.98 0.00	48.77 2.99 0.00	46.37 2.86 0.00	44.84 2.67 0.00	45.21 2.53 0.00	44.92 2.52 0.00	41.29 2.38 0.00	29.98 1.60 0.00
LOVETT___5 23593	34.77 1.59 0.00	30.60 1.36 0.00	28.85 1.26 0.00	19.31 0.89 0.00	24.55 1.04 0.00	26.14 1.10 0.00	39.18 1.85 0.00	55.05 3.01 0.00	50.91 2.56 0.00	35.82 1.49 0.00	38.33 1.80 0.00	32.83 1.94 0.00	34.51 2.00 0.00	38.36 2.23 0.00	42.07 2.32 0.00	40.14 2.50 0.00	49.71 2.98 0.00	48.77 2.99 0.00	46.37 2.86 0.00	44.84 2.67 0.00	45.21 2.53 0.00	44.92 2.52 0.00	41.29 2.38 0.00	29.98 1.60 0.00
LOWER RAQUET___HYD 24057	33.89 0.71 0.00	29.88 0.63 0.00	28.21 0.62 0.00	18.82 0.39 0.00	24.08 0.57 0.00	25.69 0.65 0.00	38.12 0.78 0.00	53.19 1.14 0.00	49.10 0.75 0.00	35.09 0.75 0.00	37.63 1.11 0.00	31.58 0.69 0.00	34.44 0.38 -1.54	38.10 0.40 -1.57	40.54 0.80 0.00	38.14 0.50 0.00	47.01 0.28 0.00	46.09 0.31 0.00	44.11 0.60 0.00	42.85 0.68 0.00	43.72 1.04 0.00	43.49 1.08 0.00	39.82 0.92 0.00	29.09 0.71 0.00
LOWER___HUDSON 24059	34.06 0.88 0.00	30.08 0.83 0.00	28.37 0.78 0.00	18.99 0.57 0.00	29.86 0.75 -5.60	26.93 0.82 -1.07	38.44 1.11 0.00	55.99 1.57 -2.37	49.94 1.38 -0.21	68.81 1.04 -33.43	57.70 1.06 -20.11	31.75 0.86 0.00	33.05 0.53 0.00	36.70 0.57 0.00	40.14 0.39 0.00	38.05 0.41 0.00	47.60 0.86 0.00	46.96 1.17 0.00	44.72 1.21 0.00	43.69 1.18 -0.34	51.08 1.17 -7.23	47.69 1.12 -4.17	50.44 1.07 -10.46	37.56 0.83 -8.35
LOWVILLE_115KV_TB2 356335	33.49 0.31 0.00	29.85 0.61 0.00	28.17 0.58 0.00	18.71 0.29 0.00	24.02 0.51 0.00	25.65 0.61 0.00	38.13 0.79 0.00	53.35 1.30 0.00	48.33 -0.02 0.00	34.34 0.01 0.00	37.23 0.70 0.00	31.34 0.45 0.00	33.16 0.19 -0.45	37.05 0.46 -0.45	40.61 0.86 0.00	38.52 0.88 0.00	47.67 0.94 0.00	47.29 1.51 0.00	44.87 1.36 0.00	43.63 1.46 0.00	43.96 1.27 0.00	43.20 0.80 0.00	39.28 0.37 0.00	28.75 0.36 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.49 1.31 0.00	30.46 1.22 0.00	28.71 1.13 0.00	19.21 0.79 0.00	26.94 1.04 -2.38	26.60 1.10 -0.46	38.98 1.64 0.00	55.44 2.39 -1.01	50.52 2.08 -0.09	49.97 1.43 -14.20	46.56 1.49 -8.54	32.11 1.21 0.00	33.39 0.87 0.00	37.09 0.95 0.00	40.64 0.89 0.00	38.58 0.94 0.00	48.38 1.65 0.00	47.78 2.00 0.00	45.51 1.99 0.00	44.21 1.90 -0.14	47.61 1.85 -3.08	45.96 1.78 -1.78	44.98 1.62 -4.45	33.11 1.17 -3.56

LUTHERNY_35_KV_BK2 355980	34.51 1.33 0.00	30.47 1.23 0.00	28.75 1.16 0.00	19.21 0.79 0.00	26.94 1.05 -2.38	26.62 1.12 -0.46	39.00 1.66 0.00	55.49 2.43 -1.01	50.52 2.08 -0.09	49.98 1.45 -14.20	46.57 1.51 -8.54	32.12 1.23 0.00	33.41 0.89 0.00	37.12 0.98 0.00	40.68 0.94 0.00	38.60 0.96 0.00	48.44 1.71 0.00	47.81 2.03 0.00	45.56 2.04 0.00	44.27 1.95 -0.14	47.63 1.86 -3.08	45.98 1.80 -1.78	44.99 1.63 -4.45	33.11 1.18 -3.56
LWR___OSWEGATCHIE_HYD 23850	33.61 0.43 0.00	29.79 0.55 0.00	28.11 0.53 0.00	18.72 0.29 0.00	23.99 0.48 0.00	25.60 0.55 0.00	38.02 0.68 0.00	53.14 1.09 0.00	48.59 0.24 0.00	34.61 0.28 0.00	37.30 0.78 0.00	31.37 0.48 0.00	33.77 0.20 -1.05	37.54 0.34 -1.07	40.49 0.75 0.00	38.24 0.60 0.00	47.08 0.34 0.00	46.51 0.72 0.00	44.31 0.80 0.00	43.05 0.88 0.00	43.69 1.00 0.00	43.29 0.89 0.00	39.49 0.58 0.00	28.87 0.49 0.00
LYONS_FALL_HYD 23570	33.64 0.46 0.00	29.88 0.63 0.00	28.17 0.58 0.00	18.75 0.33 0.00	24.03 0.51 0.00	25.66 0.62 0.00	38.23 0.89 0.00	53.41 1.36 0.00	48.79 0.45 0.00	34.62 0.29 0.00	37.24 0.72 0.00	31.37 0.48 0.00	33.20 0.38 -0.30	37.08 0.63 -0.31	40.70 0.95 0.00	38.59 0.94 0.00	47.87 1.13 0.00	47.31 1.53 0.00	44.85 1.34 0.00	43.56 1.39 0.00	43.90 1.22 0.00	43.27 0.87 0.00	39.43 0.52 0.00	28.80 0.42 0.00
MADISON___COUNTY_LFGE 323628	33.94 0.76 0.00	29.96 0.71 0.00	28.24 0.65 0.00	18.86 0.44 0.00	24.12 0.61 0.00	25.76 0.71 0.00	38.50 1.17 0.00	53.73 1.68 0.00	49.53 1.18 0.00	35.07 0.74 0.00	37.30 0.77 0.00	31.50 0.61 0.00	33.28 0.76 0.00	37.23 1.10 0.00	41.06 1.32 0.00	38.87 1.23 0.00	48.36 1.62 0.00	47.52 1.74 0.00	44.94 1.42 0.00	43.53 1.36 0.00	43.89 1.20 0.00	43.42 1.02 0.00	39.68 0.77 0.00	28.90 0.52 0.00
MALONE___115KV_TB1 356076	34.01 0.83 0.00	29.89 0.64 0.00	28.21 0.62 0.00	18.86 0.44 0.00	24.12 0.61 0.00	25.65 0.60 0.00	38.03 0.70 0.00	52.92 0.87 0.00	48.98 0.63 0.00	35.14 0.81 0.00	37.49 0.96 0.00	31.45 0.56 0.00	38.17 0.04 -5.61	37.65 -0.05 -1.57	40.41 0.67 0.00	37.87 0.22 0.00	46.83 0.09 0.00	45.83 0.04 0.00	44.18 0.41 -0.26	44.38 0.38 -1.83	43.36 0.67 0.00	43.16 0.76 0.00	39.82 0.91 0.00	29.12 0.74 0.00
MAPLEWOD_115KV_TB3 80458	33.84 0.66 0.00	29.91 0.66 0.00	28.19 0.60 0.00	18.88 0.46 0.00	21.36 0.57 2.73	25.11 0.59 0.52	38.09 0.75 0.00	51.92 1.03 1.16	49.13 0.89 0.10	18.64 0.67 16.37	27.41 0.73 9.84	31.52 0.63 0.00	32.82 0.30 0.00	36.51 0.38 0.00	40.03 0.28 0.00	37.93 0.28 0.00	47.31 0.57 0.00	46.55 0.77 0.00	44.31 0.80 0.00	42.75 0.75 0.16	39.93 0.72 3.48	41.09 0.69 2.01	34.56 0.68 5.04	24.91 0.55 4.02
MAPLE_RIDGE_WT_1 323574	33.15 -0.03 0.00	29.23 -0.02 0.00	27.59 0.00 0.00	18.40 -0.02 0.00	23.50 -0.01 0.00	25.04 0.00 0.00	37.26 -0.07 0.00	51.92 -0.13 0.00	48.12 -0.23 0.00	34.18 -0.15 0.00	36.43 -0.10 0.00	30.73 -0.16 0.00	32.35 -0.17 0.00	35.99 -0.15 0.00	39.70 -0.04 0.00	37.58 -0.06 0.00	46.68 -0.06 0.00	45.77 -0.02 0.00	43.46 -0.05 0.00	42.14 -0.03 0.00	42.58 -0.11 0.00	42.21 -0.19 0.00	38.68 -0.23 0.00	28.26 -0.12 0.00
MAPLE_RIDGE_WT_2 323611	33.15 -0.03 0.00	29.23 -0.02 0.00	27.59 0.00 0.00	18.40 -0.02 0.00	23.50 -0.01 0.00	25.04 0.00 0.00	37.26 -0.07 0.00	51.92 -0.13 0.00	48.12 -0.23 0.00	34.18 -0.15 0.00	36.43 -0.10 0.00	30.73 -0.16 0.00	32.35 -0.17 0.00	35.99 -0.15 0.00	39.70 -0.04 0.00	37.58 -0.06 0.00	46.68 -0.06 0.00	45.77 -0.02 0.00	43.46 -0.05 0.00	42.14 -0.03 0.00	42.58 -0.11 0.00	42.21 -0.19 0.00	38.68 -0.23 0.00	28.26 -0.12 0.00
MARBLE_RIVER_WT_PWR 323696	33.84 0.67 0.00	29.72 0.47 0.00	28.04 0.46 0.00	18.83 0.41 0.00	24.06 0.55 0.00	25.34 0.30 0.00	37.18 -0.15 0.00	51.25 -0.79 0.00	47.53 -0.81 0.00	34.26 -0.07 0.00	36.62 0.09 4.40	26.25 -0.24 14.29	16.85 -1.37 13.80	20.57 -1.76 0.00	39.17 -0.58 0.00	36.37 -1.27 0.00	44.81 -1.93 0.00	43.42 -2.36 0.00	36.16 -1.89 5.46	1.02 -2.03 39.12	41.28 -1.40 0.00	41.56 -0.84 0.00	39.25 0.34 0.00	28.89 0.51 0.00
MARSHVLE_115KV_TB1 80742	33.90 0.72 0.00	29.86 0.61 0.00	28.10 0.51 0.00	18.71 0.29 0.00	24.36 0.43 -0.42	25.65 0.52 -0.08	38.35 1.02 0.00	53.72 1.49 -0.18	49.52 1.16 -0.02	37.39 0.58 -2.47	38.57 0.56 -1.49	31.30 0.41 0.00	32.82 0.31 0.00	36.33 0.19 0.00	40.07 0.33 0.00	38.21 0.57 0.00	47.72 0.99 0.00	47.05 1.27 0.00	44.70 1.18 0.00	43.38 1.19 -0.03	44.31 1.08 -0.55	43.68 0.96 -0.32	40.53 0.83 -0.79	29.58 0.57 -0.63
MARSH_HILL_WT_PWR 323713	32.89 -0.29 0.00	28.59 -0.65 0.00	26.82 -0.77 0.00	17.93 -0.49 0.00	22.86 -0.65 0.00	24.04 -1.01 0.00	35.83 -1.51 0.00	48.93 -3.12 0.00	45.12 -3.23 0.00	31.54 -2.80 0.00	32.86 -3.67 0.00	28.68 -2.21 0.00	30.79 -1.72 0.00	34.66 -1.47 0.00	38.15 -1.60 0.00	36.08 -1.56 0.00	44.19 -2.55 0.00	42.48 -3.31 0.00	40.29 -3.22 0.00	38.93 -3.23 0.00	39.19 -3.50 0.00	38.77 -3.63 0.00	35.36 -3.54 0.00	25.84 -2.55 0.00
MCINTYRE_115KV_TB2 80467	34.39 1.21 0.00	30.26 1.02 0.00	28.57 0.98 0.00	19.06 0.64 0.00	24.40 0.89 0.00	26.09 1.04 0.00	38.85 1.52 0.00	54.21 2.16 0.00	50.05 1.70 0.00	35.74 1.41 0.00	38.18 1.65 0.00	32.05 1.16 0.00	34.45 0.76 -1.17	38.13 0.80 -1.20	40.76 1.01 0.00	38.33 0.69 0.00	47.37 0.63 0.00	46.78 1.00 0.00	45.04 1.53 0.00	43.78 1.60 0.00	44.52 1.83 0.00	44.15 1.74 0.00	40.39 1.48 0.00	29.48 1.09 0.00
MECO_____69_KV_BK1 80468	34.56 1.38 0.00	30.45 1.21 0.00	28.65 1.07 0.00	19.10 0.68 0.00	24.91 0.94 -0.46	26.20 1.07 -0.09	39.18 1.85 0.00	55.00 2.75 -0.19	50.67 2.31 -0.02	38.16 1.13 -2.69	39.66 1.51 -1.62	31.71 0.82 0.00	32.88 0.36 0.00	36.28 0.15 0.00	40.13 0.38 0.00	38.61 0.97 0.00	48.58 1.84 0.00	48.17 2.39 0.00	45.81 2.30 0.00	44.45 2.25 -0.03	45.42 2.13 -0.60	44.71 1.96 -0.34	41.47 1.70 -0.86	30.25 1.18 -0.69
MENANDS___115KV_TB5 355628	33.68 0.50 0.00	29.77 0.53 0.00	28.06 0.48 0.00	18.80 0.38 0.00	21.12 0.47 2.86	24.98 0.48 0.55	37.89 0.55 0.00	51.56 0.73 1.21	48.85 0.61 0.11	17.68 0.49 17.15	26.75 0.54 10.31	31.36 0.47 0.00	32.68 0.16 0.00	36.37 0.24 0.00	39.83 0.08 0.00	37.77 0.12 0.00	47.06 0.32 0.00	46.27 0.49 0.00	44.02 0.51 0.00	42.49 0.49 0.17	39.49 0.45 3.65	40.72 0.42 2.10	34.09 0.45 5.28	24.57 0.40 4.21
MG INDUSTRY___DRP 24185	33.73 0.56 0.00	29.83 0.58 0.00	28.12 0.53 0.00	18.82 0.39 0.00	22.59 0.49 1.42	25.27 0.50 0.27	37.93 0.60 0.00	52.28 0.83 0.60	48.95 0.66 0.05	26.24 0.41 8.51	31.75 0.34 5.12	31.17 0.28 0.00	32.53 0.02 0.00	36.22 0.09 0.00	39.72 -0.03 0.00	37.75 0.11 0.00	47.01 0.27 0.00	46.16 0.38 0.00	43.88 0.37 0.00	42.40 0.33 0.10	40.86 0.33 2.15	41.49 0.33 1.24	36.15 0.36 3.12	26.20 0.31 2.49

MID___OSWEGATCHIE_HYD 23849	33.61 0.43 0.00	29.79 0.55 0.00	28.11 0.53 0.00	18.72 0.29 0.00	23.99 0.48 0.00	25.60 0.55 0.00	38.02 0.68 0.00	53.14 1.09 0.00	48.59 0.24 0.00	34.61 0.28 0.00	37.30 0.78 0.00	31.37 0.48 0.00	33.77 0.20 -1.05	37.54 0.34 -1.07	40.49 0.75 0.00	38.24 0.60 0.00	47.08 0.34 0.00	46.51 0.72 0.00	44.31 0.80 0.00	43.05 0.88 0.00	43.69 1.00 0.00	43.29 0.89 0.00	39.49 0.58 0.00	28.87 0.49 0.00
MID___RAQUETTE_HYD 23851	33.89 0.71 0.00	29.88 0.63 0.00	28.21 0.62 0.00	18.82 0.39 0.00	24.08 0.57 0.00	25.69 0.65 0.00	38.12 0.78 0.00	53.19 1.14 0.00	49.10 0.75 0.00	35.09 0.76 0.00	37.63 1.11 0.00	31.58 0.69 0.00	34.44 0.38 -1.54	38.10 0.40 -1.57	40.54 0.80 0.00	38.14 0.50 0.00	47.01 0.28 0.00	46.09 0.31 0.00	44.11 0.60 0.00	42.85 0.68 0.00	43.73 1.04 0.00	43.49 1.09 0.00	39.82 0.92 0.00	29.09 0.71 0.00
MILLIKEN___1 23584	33.70 0.52 0.00	29.65 0.40 0.00	27.98 0.39 0.00	18.65 0.22 0.00	23.84 0.33 0.00	25.40 0.36 0.00	37.94 0.60 0.00	52.79 0.75 0.00	48.76 0.41 0.00	34.31 -0.02 0.00	36.27 -0.26 0.00	31.10 0.20 0.00	32.91 0.40 0.00	36.75 0.62 0.00	40.43 0.69 0.00	38.33 0.69 0.00	47.51 0.77 0.00	46.48 0.70 0.00	44.18 0.67 0.00	42.91 0.74 0.00	43.41 0.72 0.00	42.98 0.57 0.00	39.35 0.44 0.00	28.65 0.26 0.00
MILLIKEN___2 23585	33.70 0.52 0.00	29.65 0.40 0.00	27.98 0.39 0.00	18.65 0.22 0.00	23.84 0.33 0.00	25.40 0.36 0.00	37.94 0.60 0.00	52.79 0.75 0.00	48.76 0.41 0.00	34.31 -0.02 0.00	36.27 -0.26 0.00	31.10 0.20 0.00	32.91 0.40 0.00	36.75 0.62 0.00	40.43 0.69 0.00	38.33 0.69 0.00	47.51 0.77 0.00	46.48 0.70 0.00	44.18 0.67 0.00	42.91 0.74 0.00	43.41 0.72 0.00	42.98 0.57 0.00	39.35 0.44 0.00	28.65 0.26 0.00
MILLIKEN___DIESEL 23629	33.70 0.52 0.00	29.65 0.40 0.00	27.98 0.39 0.00	18.65 0.22 0.00	23.84 0.33 0.00	25.40 0.36 0.00	37.94 0.60 0.00	52.79 0.75 0.00	48.76 0.41 0.00	34.31 -0.02 0.00	36.27 -0.26 0.00	31.10 0.20 0.00	32.91 0.40 0.00	36.75 0.62 0.00	40.43 0.69 0.00	38.33 0.69 0.00	47.51 0.77 0.00	46.48 0.70 0.00	44.18 0.67 0.00	42.91 0.74 0.00	43.41 0.72 0.00	42.98 0.57 0.00	39.35 0.44 0.00	28.65 0.26 0.00
MILLSEAT___LFGE 323607	33.10 -0.08 0.00	28.75 -0.49 0.00	27.05 -0.54 0.00	17.86 -0.56 0.00	22.86 -0.65 0.00	24.57 -0.48 0.00	36.24 -1.09 0.00	49.99 -2.05 0.00	46.68 -1.67 0.00	33.58 -0.75 0.00	35.51 -1.02 0.00	30.93 0.03 0.00	32.98 0.46 0.00	36.41 0.27 0.00	39.63 -0.12 0.00	37.34 -0.30 0.00	46.08 -0.65 0.00	44.23 -1.55 0.00	41.71 -1.80 0.00	40.70 -1.47 0.00	41.16 -1.53 0.00	40.80 -1.61 0.00	37.28 -1.63 0.00	27.12 -1.26 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.81 1.63 0.00	30.63 1.39 0.00	28.87 1.29 0.00	19.33 0.91 0.00	24.57 1.05 0.00	26.17 1.13 0.00	39.22 1.89 0.00	55.11 3.06 0.00	50.99 2.65 0.00	35.89 1.56 0.00	38.41 1.88 0.00	32.90 2.01 0.00	34.58 2.07 0.00	38.42 2.29 0.00	42.13 2.39 0.00	40.22 2.58 0.00	49.76 3.03 0.00	48.82 3.04 0.00	46.42 2.90 0.00	44.88 2.71 0.00	45.25 2.56 0.00	44.94 2.54 0.00	41.31 2.41 0.00	30.00 1.62 0.00
MILLWOOD_13_KV_LOAD 356217	34.88 1.70 0.00	30.69 1.45 0.00	28.93 1.34 0.00	19.37 0.94 0.00	24.61 1.10 0.00	26.22 1.18 0.00	39.31 1.98 0.00	55.23 3.18 0.00	51.11 2.77 0.00	35.97 1.64 0.00	38.50 1.98 0.00	32.97 2.08 0.00	34.66 2.14 0.00	38.50 2.37 0.00	42.23 2.49 0.00	40.32 2.68 0.00	49.89 3.15 0.00	48.94 3.16 0.00	46.54 3.03 0.00	44.99 2.83 0.00	45.36 2.68 0.00	45.05 2.65 0.00	41.41 2.50 0.00	30.06 1.68 0.00
MODEL_CITY_ENERGY 24167	32.27 -0.91 0.00	28.00 -1.24 0.00	26.34 -1.24 0.00	17.35 -1.07 0.00	22.19 -1.31 0.00	23.83 -1.21 0.00	34.93 -2.41 0.00	47.90 -4.14 0.00	44.84 -3.51 0.00	32.53 -1.80 0.00	34.41 -2.12 0.00	30.11 -0.78 0.00	32.27 -0.25 0.00	35.64 -0.50 0.00	38.50 -1.24 0.00	36.18 -1.46 0.00	44.43 -2.31 0.00	42.37 -3.41 0.00	39.84 -3.67 0.00	38.91 -3.26 0.00	39.42 -3.27 0.00	39.19 -3.22 0.00	35.89 -3.02 0.00	26.16 -2.22 0.00
MODERN_LFGE___ 323580	32.27 -0.91 0.00	28.00 -1.24 0.00	26.34 -1.24 0.00	17.35 -1.07 0.00	22.19 -1.31 0.00	23.83 -1.21 0.00	34.93 -2.41 0.00	47.90 -4.14 0.00	44.84 -3.51 0.00	32.53 -1.80 0.00	34.41 -2.12 0.00	30.11 -0.78 0.00	32.27 -0.25 0.00	35.64 -0.50 0.00	38.50 -1.24 0.00	36.18 -1.46 0.00	44.43 -2.31 0.00	42.37 -3.41 0.00	39.84 -3.67 0.00	38.91 -3.26 0.00	39.42 -3.27 0.00	39.19 -3.22 0.00	35.89 -3.02 0.00	26.16 -2.22 0.00
MOHAWK_PAPER___DRP 24187	33.84 0.66 0.00	29.91 0.66 0.00	28.19 0.60 0.00	18.88 0.46 0.00	21.36 0.57 2.73	25.11 0.59 0.52	38.09 0.75 0.00	51.92 1.03 1.16	49.13 0.89 0.10	18.64 0.67 16.37	27.41 0.73 9.84	31.52 0.63 0.00	32.82 0.30 0.00	36.51 0.38 0.00	40.03 0.28 0.00	37.93 0.28 0.00	47.31 0.57 0.00	46.55 0.77 0.00	44.31 0.80 0.00	42.75 0.75 0.16	39.93 0.72 3.48	41.09 0.69 2.01	34.56 0.68 5.04	24.91 0.55 4.02
MOHICAN___35_KV_115KV_LD 80490	34.59 1.41 0.00	30.54 1.29 0.00	28.80 1.21 0.00	19.27 0.85 0.00	26.91 1.16 -2.24	26.69 1.22 -0.43	39.20 1.87 0.00	55.76 2.76 -0.95	50.92 2.49 -0.08	49.48 1.76 -13.38	46.36 1.79 -8.05	32.22 1.33 0.00	33.38 0.86 0.00	37.01 0.87 0.00	40.57 0.82 0.00	38.64 1.00 0.00	48.69 1.95 0.00	48.27 2.48 0.00	45.97 2.46 0.00	44.64 2.34 -0.14	47.84 2.26 -2.90	46.19 2.11 -1.67	44.98 1.88 -4.20	33.10 1.37 -3.35
MONGAUP___HYD 23641	35.01 1.84 0.00	30.84 1.59 0.00	29.05 1.47 0.00	19.42 1.00 0.00	24.73 1.22 0.00	26.36 1.31 0.00	39.53 2.19 0.00	55.56 3.51 0.00	51.26 2.92 0.00	36.03 1.70 0.00	38.04 1.52 0.00	32.47 1.58 0.00	34.10 1.58 0.00	37.90 1.76 0.00	41.71 1.97 0.00	40.03 2.38 0.00	49.69 2.95 0.00	48.88 3.10 0.00	46.57 3.05 0.00	45.04 2.88 0.00	45.46 2.77 0.00	45.12 2.71 0.00	41.41 2.50 0.00	30.05 1.66 0.00
MONTAUK___DIESEL 23721	33.55 0.37 0.00	29.46 0.22 0.00	27.74 0.16 0.00	18.55 0.12 0.00	23.44 -0.07 0.00	22.23 0.03 2.84	31.02 0.31 6.62	42.58 0.93 10.40	49.88 3.78 2.25	28.49 2.08 7.93	39.30 2.77 0.00	33.70 2.81 0.00	35.21 2.69 0.00	38.13 2.67 0.68	37.41 3.02 5.35	36.20 3.47 4.92	44.92 4.85 6.66	49.12 4.88 1.55	47.33 4.72 0.91	44.37 3.88 1.69	36.99 1.33 7.03	37.39 1.03 6.05	34.87 1.14 5.18	28.15 1.47 1.71
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.62 -0.56 0.00	29.01 -0.24 0.00	26.72 -0.87 0.00	17.47 -0.95 0.00	22.62 -0.89 0.00	24.03 -1.02 0.00	35.57 -1.77 0.00	49.24 -2.81 0.00	45.73 -2.62 0.00	32.85 -1.48 0.00	35.13 -1.40 0.00	30.94 0.05 0.00	33.01 0.49 0.00	36.03 -0.10 0.00	38.64 -1.11 0.00	35.65 -1.99 0.00	43.69 -3.04 0.00	41.79 -4.00 0.00	39.52 -3.99 0.00	38.63 -3.54 0.00	39.11 -3.58 0.00	38.86 -3.54 0.00	36.07 -2.84 0.00	27.05 -1.33 0.00

MORRIS_RIDGE___SOLAR 323848	32.88 -0.30 0.00	28.65 -0.59 0.00	26.96 -0.63 0.00	17.88 -0.54 0.00	22.81 -0.70 0.00	24.19 -0.85 0.00	35.93 -1.40 0.00	49.43 -2.62 0.00	45.73 -2.62 0.00	32.23 -2.10 0.00	33.75 -2.78 0.00	29.58 -1.31 0.00	31.72 -0.80 0.00	35.52 -0.61 0.00	38.90 -0.85 0.00	36.79 -0.85 0.00	45.24 -1.50 0.00	43.40 -2.38 0.00	41.08 -2.43 0.00	39.79 -2.38 0.00	40.20 -2.48 0.00	39.80 -2.61 0.00	36.36 -2.55 0.00	26.55 -1.83 0.00
MORTIMER_115KV_TB3 55949	32.95 -0.23 0.00	28.81 -0.43 0.00	27.14 -0.45 0.00	18.01 -0.42 0.00	23.05 -0.46 0.00	24.69 -0.35 0.00	36.69 -0.64 0.00	50.94 -1.10 0.00	47.38 -0.97 0.00	33.82 -0.51 0.00	35.93 -0.60 0.00	30.95 0.06 0.00	32.88 0.36 0.00	36.46 0.33 0.00	39.77 0.03 0.00	37.56 -0.08 0.00	46.47 -0.27 0.00	45.05 -0.73 0.00	42.62 -0.89 0.00	41.46 -0.71 0.00	41.93 -0.75 0.00	41.51 -0.90 0.00	37.94 -0.97 0.00	27.62 -0.77 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.05 1.87 0.00	30.84 1.59 0.00	29.05 1.46 0.00	19.44 1.02 0.00	24.69 1.18 0.00	26.32 1.27 0.00	39.47 2.14 0.00	55.43 3.39 0.00	51.32 2.98 0.00	36.15 1.81 0.00	38.72 2.19 0.00	33.20 2.31 0.00	34.89 2.37 0.00	38.75 2.62 0.00	42.49 2.74 0.00	40.56 2.92 0.00	50.13 3.39 0.00	49.17 3.38 0.00	46.74 3.22 0.00	45.17 3.00 0.00	45.53 2.85 0.00	45.22 2.81 0.00	41.55 2.64 0.00	30.17 1.79 0.00
MUNSVILLE_WIND_PWR 323609	35.09 1.91 0.00	31.02 1.78 0.00	29.22 1.63 0.00	19.40 0.98 0.00	24.83 1.32 0.00	26.58 1.53 0.00	39.69 2.35 0.00	55.26 3.21 0.00	50.49 2.14 0.00	35.57 1.24 0.00	37.21 0.68 0.00	31.74 0.85 0.00	33.55 1.03 0.00	37.69 1.56 0.00	41.72 1.98 0.00	39.73 2.09 0.00	49.55 2.82 0.00	48.41 2.62 0.00	46.14 2.62 0.00	44.77 2.60 0.00	45.02 2.33 0.00	44.10 1.70 0.00	40.49 1.58 0.00	29.40 1.02 0.00
N SALMON___HYD 24042	34.01 0.83 0.00	29.89 0.64 0.00	28.21 0.62 0.00	18.86 0.44 0.00	24.12 0.61 0.00	25.65 0.60 0.00	38.03 0.70 0.00	52.92 0.87 0.00	48.98 0.63 0.00	35.14 0.81 0.00	37.49 0.96 0.00	31.45 0.56 0.00	38.17 0.04 -5.61	37.65 -0.05 -1.57	40.41 0.67 0.00	37.87 0.22 0.00	46.83 0.09 0.00	45.83 0.04 0.00	44.18 0.41 -0.26	44.38 0.38 -1.83	43.36 0.67 0.00	43.16 0.76 0.00	39.82 0.91 0.00	29.12 0.74 0.00
N.AKRON__115KV_KNAPP 355671	32.98 -0.20 0.00	28.64 -0.60 0.00	26.94 -0.65 0.00	17.77 -0.66 0.00	22.75 -0.76 0.00	24.44 -0.60 0.00	35.99 -1.34 0.00	49.59 -2.46 0.00	46.32 -2.03 0.00	33.41 -0.92 0.00	35.33 -1.20 0.00	30.82 -0.07 0.00	32.92 0.40 0.00	36.35 0.22 0.00	39.46 -0.29 0.00	37.15 -0.49 0.00	45.78 -0.96 0.00	43.85 -1.93 0.00	41.30 -2.21 0.00	40.32 -1.85 0.00	40.80 -1.88 0.00	40.47 -1.94 0.00	37.01 -1.91 0.00	26.94 -1.45 0.00
N.E_GEN_SANDY PD 24062	34.01 0.83 0.00	30.04 0.80 0.00	28.34 0.75 0.00	18.99 0.57 0.00	26.61 0.75 -2.35	26.23 0.74 -0.45	38.22 0.88 0.00	54.24 1.19 -1.00	50.13 1.04 -0.75	49.23 0.89 -14.01	45.89 0.96 -8.41	31.65 0.76 0.00	32.01 0.41 0.92	36.62 0.49 0.00	39.94 0.19 0.00	37.24 0.17 0.57	46.26 0.55 1.03	46.61 0.82 0.00	44.40 0.89 0.00	43.21 0.90 -0.14	46.57 0.88 -3.00	44.99 0.86 -1.73	44.12 0.89 -4.33	32.59 0.75 -3.46
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.83 1.65 0.00	30.66 1.41 0.00	28.90 1.31 0.00	19.34 0.92 0.00	24.59 1.08 0.00	26.22 1.17 0.00	39.32 1.99 0.00	55.25 3.20 0.00	51.08 2.74 0.00	35.93 1.60 0.00	38.43 1.90 0.00	32.91 2.02 0.00	34.61 2.10 0.00	38.48 2.35 0.00	42.21 2.47 0.00	40.27 2.63 0.00	49.82 3.09 0.00	48.88 3.10 0.00	46.48 2.97 0.00	44.94 2.77 0.00	45.32 2.63 0.00	45.01 2.61 0.00	41.37 2.46 0.00	30.04 1.65 0.00
N.QUEENS_27_KV_LOAD 356247	35.00 1.82 0.00	30.78 1.53 0.00	29.00 1.42 0.00	-114.00 0.97 133.39	24.62 1.11 0.01	26.24 1.20 0.01	39.40 2.07 0.00	55.58 3.53 0.00	51.53 3.19 0.00	36.25 1.92 0.00	38.84 2.32 0.00	33.34 2.45 0.00	35.00 2.48 0.00	38.81 2.68 0.00	42.62 2.87 0.00	40.76 3.11 0.00	50.29 3.55 0.00	49.41 3.63 0.00	46.94 3.43 0.00	45.40 3.24 0.00	45.74 3.05 0.00	45.44 3.04 0.00	41.69 2.78 0.00	30.25 1.87 0.00
N.TROY___115KV_TB1 355778	34.06 0.88 0.00	30.08 0.83 0.00	28.37 0.78 0.00	18.99 0.57 0.00	29.86 0.75 -5.60	26.93 0.82 -1.07	38.44 1.11 0.00	55.99 1.57 -2.37	49.94 1.38 -0.21	68.81 1.04 -33.43	57.70 1.06 -20.11	31.75 0.85 0.00	33.05 0.53 0.00	36.70 0.57 0.00	40.14 0.39 0.00	38.05 0.41 0.00	47.60 0.86 0.00	46.96 1.17 0.00	44.72 1.21 0.00	43.68 1.17 -0.34	51.08 1.17 -7.23	47.69 1.12 -4.17	50.44 1.07 -10.46	37.56 0.83 -8.35
NARROWS_GT1_1 24228	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NARROWS_GT1_2 24229	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NARROWS_GT1_3 24230	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NARROWS_GT1_4 24231	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NARROWS_GT1_5 24232	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00

NARROWS_GT1_6 24233	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NARROWS_GT1_7 24234	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NARROWS_GT1_8 24235	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NARROWS_GT2_1 24236	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NARROWS_GT2_2 24237	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NARROWS_GT2_3 24238	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NARROWS_GT2_4 24239	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NARROWS_GT2_5 24240	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NARROWS_GT2_6 24241	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NARROWS_GT2_7 24242	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NARROWS_GT2_8 24243	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.91 0.73 0.00	29.98 0.74 0.00	28.24 0.65 0.00	18.91 0.48 0.00	23.15 0.88 1.24	25.99 1.18 0.24	39.02 1.69 0.00	54.16 2.64 0.53	50.68 2.38 0.05	28.19 1.31 7.45	33.03 0.99 4.48	31.51 0.61 0.00	32.80 0.28 0.00	36.51 0.38 0.00	40.06 0.31 0.00	38.37 0.73 0.00	47.15 0.42 0.00	46.51 0.73 0.00	44.41 0.89 0.00	42.89 0.82 0.10	41.40 0.85 2.15	41.89 0.72 1.24	36.48 0.68 3.11	26.39 0.49 2.48
NCHELSEA_115KV_TR2 355582	34.90 1.72 0.00	30.74 1.50 0.00	28.96 1.37 0.00	19.39 0.97 0.00	24.66 1.15 0.00	26.26 1.22 0.00	39.33 2.00 0.00	55.24 3.19 0.00	51.13 2.79 0.00	36.01 1.68 0.00	38.49 1.96 0.00	32.86 1.96 0.00	34.49 1.98 0.00	38.34 2.21 0.00	42.09 2.35 0.00	40.17 2.53 0.00	49.77 3.04 0.00	48.84 3.06 0.00	46.45 2.94 0.00	44.93 2.76 0.00	45.32 2.64 0.00	45.04 2.63 0.00	41.38 2.47 0.00	30.04 1.66 0.00
NEG CAPITAL___MECHNVIL 23645	34.53 1.35 0.00	30.49 1.24 0.00	28.74 1.15 0.00	19.23 0.81 0.00	27.71 1.07 -3.13	26.79 1.14 -0.60	39.02 1.69 0.00	55.83 2.45 -1.33	50.61 2.14 -0.12	54.56 1.51 -18.71	49.34 1.56 -11.25	32.17 1.28 0.00	33.46 0.94 0.00	37.17 1.04 0.00	40.70 0.95 0.00	38.64 1.00 0.00	48.43 1.69 0.00	47.85 2.07 0.00	45.57 2.05 0.00	44.32 1.97 -0.19	48.66 1.92 -4.05	46.57 1.83 -2.34	46.44 1.67 -5.86	34.27 1.21 -4.68
NEG CENTRAL_HIGH_ACRES 23767	32.33 -0.85 0.00	28.31 -0.94 0.00	26.67 -0.92 0.00	17.73 -0.69 0.00	22.68 -0.83 0.00	24.29 -0.76 0.00	36.16 -1.17 0.00	50.26 -1.78 0.00	46.69 -1.66 0.00	33.23 -1.11 0.00	35.31 -1.22 0.00	30.36 -0.53 0.00	32.20 -0.31 0.00	35.76 -0.37 0.00	39.04 -0.70 0.00	36.90 -0.74 0.00	45.67 -1.07 0.00	44.40 -1.38 0.00	42.04 -1.47 0.00	40.86 -1.31 0.00	41.32 -1.37 0.00	40.90 -1.51 0.00	37.38 -1.53 0.00	27.19 -1.19 0.00

NEG CENTRAL___DRP 24199	33.21 0.03 0.00	29.15 -0.09 0.00	27.49 -0.10 0.00	18.32 -0.10 0.00	23.41 -0.10 0.00	24.96 -0.09 0.00	37.26 -0.07 0.00	51.74 -0.31 0.00	47.85 -0.50 0.00	33.80 -0.53 0.00	35.82 -0.71 0.00	30.82 -0.07 0.00	32.71 0.19 0.00	36.42 0.29 0.00	39.92 0.18 0.00	37.82 0.18 0.00	46.72 -0.02 0.00	45.58 -0.20 0.00	43.27 -0.25 0.00	42.03 -0.14 0.00	42.49 -0.20 0.00	42.03 -0.37 0.00	38.42 -0.48 0.00	27.96 -0.42 0.00
NEG CENTRAL___INDECK 23768	33.97 0.79 0.00	29.65 0.40 0.00	27.87 0.28 0.00	18.51 0.09 0.00	23.68 0.16 0.00	25.29 0.25 0.00	37.76 0.43 0.00	52.25 0.20 0.00	48.43 0.08 0.00	34.02 -0.31 0.00	35.66 -0.87 0.00	31.02 0.13 0.00	33.01 0.49 0.00	36.93 0.80 0.00	40.35 0.60 0.00	38.24 0.60 0.00	47.45 0.71 0.00	45.84 0.06 0.00	43.60 0.08 0.00	42.37 0.20 0.00	42.81 0.12 0.00	42.23 -0.17 0.00	38.46 -0.45 0.00	27.98 -0.41 0.00
NEG CENTRAL___SENECA 23627	33.33 0.15 0.00	29.23 -0.02 0.00	27.54 -0.04 0.00	18.34 -0.08 0.00	23.45 -0.06 0.00	25.00 -0.05 0.00	37.32 -0.02 0.00	51.74 -0.31 0.00	47.85 -0.49 0.00	33.81 -0.52 0.00	35.78 -0.74 0.00	30.92 0.03 0.00	32.84 0.33 0.00	36.58 0.45 0.00	40.08 0.34 0.00	37.96 0.31 0.00	46.80 0.07 0.00	45.57 -0.21 0.00	43.25 -0.26 0.00	42.06 -0.11 0.00	42.52 -0.17 0.00	42.08 -0.33 0.00	38.45 -0.46 0.00	27.96 -0.43 0.00
NEG CENTRAL___STATE_STREET 24147	33.28 0.10 0.00	29.20 -0.05 0.00	27.61 0.03 0.00	18.42 0.00 0.00	23.54 0.02 0.00	25.10 0.05 0.00	37.36 0.03 0.00	51.96 -0.08 0.00	48.02 -0.32 0.00	33.89 -0.44 0.00	35.93 -0.60 0.00	30.76 -0.13 0.00	32.60 0.09 0.00	36.29 0.15 0.00	39.85 0.11 0.00	37.78 0.13 0.00	46.81 0.08 0.00	45.78 0.00 0.00	43.47 -0.04 0.00	42.17 0.00 0.00	42.76 0.07 0.00	42.41 0.00 0.00	38.80 -0.11 0.00	28.25 -0.13 0.00
NEG MILLWOOD___DRP 24198	34.96 1.78 0.00	30.79 1.54 0.00	29.00 1.41 0.00	19.41 0.99 0.00	24.69 1.18 0.00	26.30 1.25 0.00	39.41 2.08 0.00	55.36 3.31 0.00	51.29 2.94 0.00	36.15 1.81 0.00	38.67 2.14 0.00	33.05 2.16 0.00	34.69 2.17 0.00	38.55 2.42 0.00	42.31 2.57 0.00	40.36 2.72 0.00	50.01 3.27 0.00	49.07 3.29 0.00	46.70 3.19 0.00	45.16 2.99 0.00	45.51 2.83 0.00	45.19 2.79 0.00	41.52 2.61 0.00	30.12 1.74 0.00
NEG NORTH_FLCN_SEA 23793	33.86 0.68 0.00	29.75 0.50 0.00	28.06 0.47 0.00	18.81 0.39 0.00	24.04 0.53 0.00	25.28 0.23 0.00	37.00 -0.33 0.00	51.02 -1.03 0.00	47.36 -0.98 0.00	34.19 -0.14 0.00	36.53 0.00 0.00	26.28 -0.22 4.40	17.04 -1.19 14.29	20.86 -1.47 13.80	39.29 -0.46 0.00	36.67 -0.97 0.00	45.13 -1.60 0.00	43.69 -2.09 0.00	36.32 -1.73 5.46	1.24 -1.82 39.12	41.36 -1.33 0.00	41.64 -0.76 0.00	39.34 0.43 0.00	28.93 0.55 0.00
NEG NORTH_KES_CHATEGAY 23792	33.69 0.51 0.00	29.61 0.36 0.00	27.95 0.36 0.00	18.71 0.28 0.00	23.90 0.39 0.00	25.38 0.33 0.00	37.57 0.24 0.00	52.10 0.06 0.00	48.24 -0.10 0.00	34.66 0.32 0.00	36.88 0.35 0.00	30.87 -0.02 0.00	22.05 -0.60 9.87	21.10 -0.76 14.27	39.78 0.03 0.00	37.23 -0.41 0.00	46.15 -0.59 0.00	45.00 -0.78 0.00	43.52 -0.38 -0.38	44.44 -0.45 -2.72	42.52 -0.16 0.00	42.39 -0.01 0.00	39.28 0.37 0.00	28.78 0.40 0.00
NEG NORTH___ALICE_FALLS 23915	33.99 0.81 0.00	29.86 0.61 0.00	28.17 0.58 0.00	18.87 0.45 0.00	24.12 0.61 0.00	25.47 0.43 0.00	37.50 0.16 0.00	51.85 -0.20 0.00	48.12 -0.22 0.00	34.63 0.29 0.00	36.96 0.44 0.00	30.99 0.10 0.00	22.24 -0.78 9.49	21.24 -1.01 13.88	39.73 -0.01 0.00	37.12 -0.52 0.00	45.86 -0.88 0.00	44.54 -1.24 0.00	45.39 -0.85 -2.72	60.75 -0.92 -19.50	42.18 -0.51 0.00	42.28 -0.13 0.00	39.60 0.69 0.00	29.05 0.67 0.00
NEG NORTH___LWR_SARANAC 23913	33.99 0.81 0.00	29.86 0.61 0.00	28.17 0.58 0.00	18.87 0.45 0.00	24.12 0.61 0.00	25.47 0.43 0.00	37.50 0.16 0.00	51.85 -0.20 0.00	48.12 -0.22 0.00	34.63 0.29 0.00	36.96 0.44 0.00	30.99 0.10 0.00	22.24 -0.78 9.49	21.24 -1.01 13.88	39.73 -0.01 0.00	37.12 -0.52 0.00	45.86 -0.88 0.00	44.54 -1.24 0.00	45.39 -0.85 -2.72	60.75 -0.92 -19.50	42.18 -0.51 0.00	42.28 -0.13 0.00	39.60 0.69 0.00	29.05 0.67 0.00
NEG NORTH___PLATTSBURG 23628	33.99 0.81 0.00	29.86 0.61 0.00	28.17 0.58 0.00	18.87 0.45 0.00	24.12 0.61 0.00	25.47 0.43 0.00	37.50 0.16 0.00	51.85 -0.20 0.00	48.12 -0.22 0.00	34.63 0.30 0.00	36.96 0.44 0.00	30.99 0.10 0.00	22.24 -0.78 9.49	21.24 -1.01 13.88	39.73 -0.01 0.00	37.12 -0.52 0.00	45.86 -0.88 0.00	44.54 -1.24 0.00	45.39 -0.85 -2.72	60.74 -0.92 -19.50	42.18 -0.51 0.00	42.28 -0.12 0.00	39.60 0.69 0.00	29.05 0.67 0.00
NEG WEST_LEA_LOCKPORT 23791	32.53 -0.64 0.00	28.24 -1.00 0.00	26.56 -1.03 0.00	17.50 -0.92 0.00	22.40 -1.11 0.00	24.05 -0.99 0.00	35.31 -2.02 0.00	48.50 -3.55 0.00	45.34 -3.00 0.00	32.83 -1.51 0.00	34.72 -1.81 0.00	30.37 -0.52 0.00	32.54 0.02 0.00	35.95 -0.18 0.00	38.89 -0.86 0.00	36.54 -1.10 0.00	44.92 -1.82 0.00	42.88 -2.91 0.00	40.33 -3.18 0.00	39.37 -2.81 0.00	39.88 -2.81 0.00	39.59 -2.81 0.00	36.25 -2.66 0.00	26.42 -1.96 0.00
NEG WEST___LANCASTR 23811	32.56 -0.62 0.00	28.38 -0.87 0.00	26.72 -0.87 0.00	17.63 -0.79 0.00	22.61 -0.90 0.00	24.18 -0.87 0.00	35.67 -1.66 0.00	49.28 -2.77 0.00	45.90 -2.45 0.00	32.99 -1.34 0.00	34.92 -1.61 0.00	30.54 -0.35 0.00	32.71 0.19 0.00	36.19 0.06 0.00	39.21 -0.54 0.00	36.82 -0.82 0.00	45.31 -1.43 0.00	43.44 -2.34 0.00	40.97 -2.54 0.00	39.88 -2.29 0.00	40.50 -2.19 0.00	40.03 -2.38 0.00	36.65 -2.26 0.00	26.77 -1.61 0.00
NEG_PENN_ALLEGHNY 23528	33.53 0.34 0.00	29.53 0.29 0.00	27.84 0.25 0.00	18.55 0.13 0.00	23.71 0.20 0.00	25.20 0.16 0.00	37.67 0.33 0.00	52.37 0.32 0.00	48.36 0.01 0.00	34.25 -0.09 0.00	36.30 -0.22 0.00	31.28 0.39 0.00	33.07 0.55 0.00	36.73 0.61 0.00	40.25 0.50 0.00	38.15 0.50 0.00	47.21 0.47 0.00	46.02 0.24 0.00	43.66 0.15 0.00	42.40 0.23 0.00	42.97 0.28 0.00	42.59 0.18 0.00	39.04 0.13 0.00	28.43 0.05 0.00
NEG___GEN_MONROE 24207	33.21 0.04 0.00	29.00 -0.25 0.00	27.29 -0.30 0.00	18.09 -0.33 0.00	23.16 -0.35 0.00	24.82 -0.22 0.00	36.88 -0.45 0.00	51.18 -0.87 0.00	47.63 -0.72 0.00	34.01 -0.33 0.00	36.08 -0.45 0.00	31.12 0.23 0.00	33.16 0.64 0.00	36.78 0.65 0.00	40.02 0.27 0.00	37.76 0.12 0.00	46.73 -0.01 0.00	45.25 -0.53 0.00	42.81 -0.71 0.00	41.65 -0.51 0.00	42.13 -0.56 0.00	41.69 -0.72 0.00	38.09 -0.82 0.00	27.72 -0.67 0.00
NEPA___ENERGY 23901	32.76 -0.42 0.00	28.73 -0.52 0.00	26.98 -0.60 0.00	17.81 -0.62 0.00	22.89 -0.62 0.00	24.37 -0.67 0.00	36.18 -1.16 0.00	49.93 -2.11 0.00	46.14 -2.21 0.00	33.08 -1.26 0.00	35.07 -1.46 0.00	30.83 -0.07 0.00	32.93 0.41 0.00	36.36 0.23 0.00	39.38 -0.37 0.00	36.91 -0.73 0.00	45.36 -1.38 0.00	43.48 -2.30 0.00	41.06 -2.45 0.00	40.13 -2.04 0.00	40.78 -1.90 0.00	40.44 -1.97 0.00	37.14 -1.77 0.00	27.20 -1.18 0.00

NEVERSINK___HYD 23608	34.50 1.33 0.00	30.40 1.15 0.00	28.64 1.05 0.00	19.14 0.72 0.00	24.20 0.86 0.17	25.91 0.90 0.03	38.92 1.58 0.00	54.83 2.85 0.07	50.61 2.27 0.01	34.59 1.29 1.04	37.24 1.33 0.62	32.22 1.33 0.00	33.73 1.22 0.00	36.50 0.37 0.00	40.08 0.33 0.00	38.29 0.65 0.00	47.61 0.87 0.00	46.81 1.03 0.00	44.55 1.04 0.00	43.09 0.93 0.01	43.38 0.97 0.27	44.35 2.10 0.16	40.47 1.95 0.39	29.33 1.26 0.31
NEWKRMKL_115KV_TB1 55635	33.38 0.21 0.00	29.53 0.28 0.00	27.83 0.24 0.00	18.64 0.22 0.00	21.10 0.26 2.67	24.83 0.30 0.51	37.59 0.26 0.00	51.23 0.32 1.13	48.49 0.24 0.10	18.51 0.19 16.02	27.13 0.24 9.63	31.09 0.20 0.00	32.44 -0.08 0.00	36.12 -0.01 0.00	39.56 -0.18 0.00	37.54 -0.10 0.00	46.73 0.00 0.00	45.92 0.14 0.00	43.67 0.15 0.00	42.12 0.12 0.16	39.36 0.07 3.40	40.50 0.06 1.96	34.09 0.11 4.92	24.60 0.15 3.93
NEWTON___FALLS_HYD 23847	33.61 0.43 0.00	29.79 0.55 0.00	28.11 0.53 0.00	18.72 0.29 0.00	23.99 0.48 0.00	25.60 0.55 0.00	38.02 0.68 0.00	53.14 1.09 0.00	48.59 0.24 0.00	34.61 0.28 0.00	37.30 0.78 0.00	31.37 0.48 0.00	33.77 0.20 -1.05	37.54 0.34 -1.07	40.49 0.75 0.00	38.24 0.60 0.00	47.08 0.34 0.00	46.51 0.72 0.00	44.31 0.80 0.00	43.05 0.88 0.00	43.69 1.00 0.00	43.29 0.89 0.00	39.49 0.58 0.00	28.87 0.49 0.00
NGRID_A1_DSASP 323792	32.24 -0.94 0.00	27.97 -1.27 0.00	26.32 -1.27 0.00	17.34 -1.08 0.00	22.23 -1.28 0.00	23.90 -1.14 0.00	35.02 -2.32 0.00	47.83 -4.21 0.00	44.71 -3.64 0.00	32.46 -1.88 0.00	34.36 -2.17 0.00	30.06 -0.84 0.00	32.23 -0.29 0.00	35.60 -0.53 0.00	38.44 -1.31 0.00	36.09 -1.56 0.00	44.30 -2.44 0.00	42.22 -3.56 0.00	39.64 -3.87 0.00	38.76 -3.42 0.00	39.29 -3.40 0.00	39.03 -3.37 0.00	35.76 -3.15 0.00	26.08 -2.31 0.00
NGRID_A2_DSASP 323793	32.24 -0.94 0.00	27.97 -1.27 0.00	26.32 -1.27 0.00	17.34 -1.08 0.00	22.23 -1.28 0.00	23.90 -1.14 0.00	35.02 -2.32 0.00	47.83 -4.21 0.00	44.71 -3.64 0.00	32.46 -1.88 0.00	34.36 -2.17 0.00	30.06 -0.84 0.00	32.23 -0.29 0.00	35.60 -0.53 0.00	38.44 -1.31 0.00	36.09 -1.56 0.00	44.30 -2.44 0.00	42.22 -3.56 0.00	39.64 -3.87 0.00	38.76 -3.42 0.00	39.29 -3.40 0.00	39.03 -3.37 0.00	35.76 -3.15 0.00	26.08 -2.31 0.00
NGRID_A4_DSASP 323807	32.24 -0.94 0.00	27.97 -1.27 0.00	26.32 -1.27 0.00	17.34 -1.08 0.00	22.23 -1.28 0.00	23.90 -1.14 0.00	35.02 -2.32 0.00	47.83 -4.21 0.00	44.71 -3.64 0.00	32.46 -1.88 0.00	34.36 -2.17 0.00	30.06 -0.84 0.00	32.23 -0.29 0.00	35.60 -0.53 0.00	38.44 -1.31 0.00	36.09 -1.56 0.00	44.30 -2.44 0.00	42.22 -3.56 0.00	39.64 -3.87 0.00	38.76 -3.42 0.00	39.29 -3.40 0.00	39.03 -3.37 0.00	35.76 -3.15 0.00	26.08 -2.31 0.00
NIAGARA_115E_LBMP 323715	32.11 -1.07 0.00	27.86 -1.38 0.00	26.22 -1.37 0.00	17.27 -1.15 0.00	22.08 -1.43 0.00	23.70 -1.34 0.00	34.71 -2.63 0.00	47.56 -4.48 0.00	44.52 -3.83 0.00	32.36 -1.98 0.00	34.22 -2.30 0.00	29.95 -0.94 0.00	32.12 -0.40 0.00	35.46 -0.67 0.00	38.29 -1.46 0.00	35.98 -1.66 0.00	44.13 -2.61 0.00	42.07 -3.71 0.00	39.53 -3.98 0.00	38.62 -3.55 0.00	39.13 -3.55 0.00	38.92 -3.49 0.00	35.65 -3.25 0.00	26.00 -2.38 0.00
NIAGARA_115W_LBMP 323714	32.17 -1.01 0.00	27.91 -1.33 0.00	26.26 -1.32 0.00	17.30 -1.12 0.00	22.19 -1.32 0.00	23.85 -1.19 0.00	34.95 -2.39 0.00	47.70 -4.35 0.00	44.56 -3.79 0.00	32.36 -1.97 0.00	34.26 -2.27 0.00	29.97 -0.92 0.00	32.13 -0.38 0.00	35.49 -0.64 0.00	38.31 -1.44 0.00	35.97 -1.67 0.00	44.15 -2.59 0.00	42.07 -3.71 0.00	39.51 -4.00 0.00	38.62 -3.55 0.00	39.15 -3.54 0.00	38.92 -3.48 0.00	35.66 -3.25 0.00	26.01 -2.38 0.00
NIAGARA_230_LBMP 323716	32.26 -0.92 0.00	28.03 -1.22 0.00	26.37 -1.22 0.00	17.38 -1.04 0.00	22.28 -1.23 0.00	23.93 -1.11 0.00	35.09 -2.24 0.00	48.18 -3.87 0.00	45.07 -3.28 0.00	32.62 -1.71 0.00	34.55 -1.98 0.00	30.20 -0.69 0.00	32.37 -0.15 0.00	35.76 -0.37 0.00	38.64 -1.11 0.00	36.27 -1.37 0.00	44.57 -2.17 0.00	42.56 -3.22 0.00	39.99 -3.52 0.00	39.07 -3.09 0.00	39.62 -3.07 0.00	39.31 -3.10 0.00	36.01 -2.90 0.00	26.28 -2.11 0.00
NIAGARA___115KV_198_GIBSON 55903	32.17 -1.01 0.00	27.91 -1.34 0.00	26.27 -1.32 0.00	17.30 -1.12 0.00	22.19 -1.32 0.00	23.85 -1.19 0.00	34.95 -2.39 0.00	47.73 -4.32 0.00	44.55 -3.79 0.00	32.38 -1.96 0.00	34.26 -2.27 0.00	29.98 -0.91 0.00	32.13 -0.39 0.00	35.49 -0.64 0.00	38.31 -1.44 0.00	35.96 -1.68 0.00	44.16 -2.58 0.00	42.08 -3.71 0.00	39.51 -4.00 0.00	38.63 -3.54 0.00	39.15 -3.54 0.00	38.92 -3.49 0.00	35.68 -3.23 0.00	26.01 -2.38 0.00
NIAGARA____ 23760	32.26 -0.92 0.00	28.03 -1.22 0.00	26.37 -1.22 0.00	17.38 -1.04 0.00	22.28 -1.23 0.00	23.93 -1.11 0.00	35.09 -2.24 0.00	48.18 -3.87 0.00	45.07 -3.28 0.00	32.62 -1.71 0.00	34.55 -1.98 0.00	30.20 -0.69 0.00	32.37 -0.15 0.00	35.76 -0.37 0.00	38.64 -1.11 0.00	36.27 -1.37 0.00	44.57 -2.17 0.00	42.56 -3.22 0.00	39.99 -3.52 0.00	39.07 -3.09 0.00	39.62 -3.07 0.00	39.31 -3.10 0.00	36.01 -2.90 0.00	26.28 -2.11 0.00
NINE_MILE_1 23575	32.09 -1.09 0.00	28.27 -0.98 0.00	26.66 -0.93 0.00	17.80 -0.62 0.00	22.71 -0.80 0.00	24.21 -0.83 0.00	36.13 -1.21 0.00	50.29 -1.75 0.00	46.56 -1.78 0.00	33.05 -1.28 0.00	35.20 -1.33 0.00	29.93 -0.96 0.00	31.56 -0.96 0.00	35.08 -1.05 0.00	38.51 -1.24 0.00	36.50 -1.14 0.00	45.25 -1.48 0.00	44.32 -1.47 0.00	42.07 -1.44 0.00	40.80 -1.37 0.00	41.28 -1.41 0.00	40.96 -1.45 0.00	37.53 -1.38 0.00	27.38 -1.00 0.00
NINE_MILE_2 23744	32.09 -1.09 0.00	28.27 -0.98 0.00	26.66 -0.93 0.00	17.80 -0.62 0.00	22.72 -0.80 0.00	24.22 -0.83 0.00	36.13 -1.21 0.00	50.30 -1.75 0.00	46.56 -1.78 0.00	33.06 -1.27 0.00	35.20 -1.33 0.00	29.93 -0.96 0.00	31.56 -0.96 0.00	35.08 -1.05 0.00	38.52 -1.23 0.00	36.50 -1.14 0.00	45.26 -1.48 0.00	44.32 -1.47 0.00	42.07 -1.44 0.00	40.80 -1.37 0.00	41.28 -1.41 0.00	40.96 -1.45 0.00	37.53 -1.38 0.00	27.38 -1.00 0.00
NM_CAPITAL___DRP 24208	33.38 0.20 0.00	29.51 0.27 0.00	27.82 0.23 0.00	18.64 0.21 0.00	20.70 0.25 3.07	24.73 0.27 0.59	37.56 0.22 0.00	51.00 0.26 1.30	48.40 0.17 0.12	16.12 0.17 18.38	25.67 0.20 11.06	31.06 0.17 0.00	32.41 -0.11 0.00	36.07 -0.06 0.00	39.49 -0.26 0.00	37.46 -0.18 0.00	46.64 -0.10 0.00	45.83 0.05 0.00	43.59 0.07 0.00	42.04 0.06 0.18	38.80 0.02 3.91	40.16 0.01 2.26	33.33 0.08 5.66	24.00 0.13 4.51
NM_CENTRAL___DRP 24181	32.71 -0.47 0.00	28.81 -0.44 0.00	27.16 -0.43 0.00	18.13 -0.29 0.00	23.16 -0.36 0.00	24.67 -0.37 0.00	36.86 -0.48 0.00	51.34 -0.70 0.00	47.49 -0.86 0.00	33.67 -0.66 0.00	35.84 -0.69 0.00	30.58 -0.31 0.00	32.28 -0.24 0.00	35.92 -0.21 0.00	39.40 -0.34 0.00	37.34 -0.31 0.00	46.27 -0.47 0.00	45.29 -0.50 0.00	42.95 -0.57 0.00	41.65 -0.51 0.00	42.13 -0.56 0.00	41.77 -0.63 0.00	38.25 -0.66 0.00	27.87 -0.52 0.00

NM_FRONTIER___DRP 24179	32.17 -1.01 0.00	27.91 -1.34 0.00	26.27 -1.32 0.00	17.30 -1.12 0.00	22.19 -1.32 0.00	23.85 -1.19 0.00	34.95 -2.39 0.00	47.73 -4.32 0.00	44.55 -3.79 0.00	32.38 -1.96 0.00	34.26 -2.27 0.00	29.98 -0.91 0.00	32.13 -0.39 0.00	35.49 -0.64 0.00	38.31 -1.44 0.00	35.96 -1.68 0.00	44.16 -2.58 0.00	42.08 -3.71 0.00	39.51 -4.00 0.00	38.63 -3.54 0.00	39.15 -3.54 0.00	38.92 -3.49 0.00	35.68 -3.23 0.00	26.01 -2.38 0.00
NM_ST_REGIS___HYD 24053	33.95 0.77 0.00	29.90 0.65 0.00	28.23 0.64 0.00	18.84 0.42 0.00	24.10 0.59 0.00	25.70 0.66 0.00	38.13 0.79 0.00	53.14 1.10 0.00	49.09 0.74 0.00	35.13 0.79 0.00	37.62 1.09 0.00	31.56 0.67 0.00	35.20 0.30 -2.38	34.67 0.28 1.75	40.52 0.77 0.00	38.05 0.41 0.00	46.95 0.21 0.00	46.02 0.23 0.00	44.18 0.56 -0.11	43.56 0.61 -0.78	43.64 0.96 0.00	43.42 1.02 0.00	39.85 0.94 0.00	29.12 0.74 0.00
NORTHPORT___1 23551	34.61 1.43 0.00	30.48 1.23 0.00	28.68 1.09 0.00	19.18 0.76 0.00	24.21 0.69 0.00	19.99 0.68 5.73	25.19 1.20 13.34	33.29 2.20 20.96	45.73 1.91 4.53	23.95 0.91 11.30	38.30 1.78 0.00	32.91 2.01 0.00	34.43 1.91 0.00	36.48 1.70 1.36	30.78 1.82 10.79	29.88 2.15 9.92	35.97 2.67 13.43	45.41 2.74 3.12	44.31 2.64 1.84	41.07 2.31 3.41	30.57 2.06 14.18	32.28 2.08 12.20	30.44 1.98 10.45	26.39 1.45 3.44
NORTHPORT___2 23552	34.61 1.43 0.00	30.48 1.23 0.00	28.68 1.09 0.00	19.18 0.76 0.00	24.21 0.69 0.00	19.99 0.68 5.73	25.19 1.20 13.34	33.29 2.20 20.96	45.73 1.91 4.53	23.95 0.91 11.30	38.30 1.78 0.00	32.91 2.01 0.00	34.43 1.91 0.00	36.48 1.70 1.36	30.78 1.82 10.79	29.88 2.15 9.92	35.97 2.67 13.43	45.41 2.74 3.12	44.31 2.64 1.84	41.07 2.31 3.41	30.57 2.06 14.18	32.28 2.08 12.20	30.44 1.98 10.45	26.39 1.45 3.44
NORTHPORT___3 23553	34.55 1.37 0.00	30.42 1.18 0.00	28.63 1.04 0.00	19.16 0.73 0.00	24.16 0.65 0.00	13.88 0.64 11.80	11.01 1.14 27.47	11.01 2.13 43.16	40.84 1.83 9.33	16.96 0.86 18.23	38.24 1.71 0.00	32.85 1.96 0.00	34.38 1.86 0.00	34.99 1.65 2.80	19.32 1.78 22.20	19.32 2.11 20.43	21.65 2.58 27.67	42.03 2.67 6.42	42.29 2.58 3.80	37.42 2.26 7.01	15.50 2.01 29.20	19.32 2.03 25.12	19.32 1.93 21.52	22.68 1.40 7.10
NORTHPORT___4 23650	34.55 1.37 0.00	30.42 1.18 0.00	28.63 1.04 0.00	19.16 0.73 0.00	24.16 0.65 0.00	13.88 0.64 11.80	11.01 1.14 27.47	11.01 2.13 43.16	40.84 1.83 9.33	16.96 0.86 18.23	38.24 1.71 0.00	32.85 1.96 0.00	34.38 1.86 0.00	34.99 1.65 2.80	19.32 1.78 22.20	19.32 2.11 20.43	21.65 2.58 27.67	42.03 2.67 6.42	42.29 2.58 3.80	37.42 2.26 7.01	15.50 2.01 29.20	19.32 2.03 25.12	19.32 1.93 21.52	22.68 1.40 7.10
NORTHPORT___IC 23718	34.61 1.43 0.00	30.47 1.23 0.00	28.68 1.09 0.00	19.18 0.76 0.00	24.21 0.69 0.00	19.99 0.68 5.73	25.19 1.20 13.34	33.28 2.19 20.96	45.73 1.92 4.53	23.95 0.91 11.30	38.31 1.78 0.00	32.91 2.01 0.00	34.43 1.91 0.00	36.48 1.70 1.36	30.78 1.82 10.79	29.88 2.16 9.92	35.96 2.66 13.43	45.42 2.75 3.12	44.31 2.64 1.84	41.07 2.31 3.41	30.57 2.06 14.18	32.28 2.08 12.20	30.43 1.98 10.45	26.39 1.45 3.44
NORTH___COUNTRY_ESR 323785	33.62 0.44 0.00	29.55 0.30 0.00	27.90 0.31 0.00	18.67 0.25 0.00	23.86 0.34 0.00	25.33 0.28 0.00	37.50 0.16 0.00	52.02 -0.03 0.00	48.22 -0.13 0.00	34.60 0.26 0.00	36.85 0.33 0.00	30.85 -0.04 0.00	22.00 -0.64 9.88	21.08 -0.77 14.28	39.78 0.03 0.00	37.23 -0.41 0.00	46.15 -0.59 0.00	44.98 -0.80 0.00	43.38 -0.45 -0.32	43.94 -0.51 -2.28	42.45 -0.24 0.00	42.32 -0.08 0.00	39.20 0.29 0.00	28.69 0.31 0.00
NPX_GEN_1385_PROXY 323591	32.52 1.30 1.96	25.74 1.12 4.62	28.60 1.01 0.00	19.13 0.71 0.00	24.14 0.63 0.00	19.98 0.67 5.73	41.93 1.33 -3.26	48.59 2.39 5.84	70.70 2.08 -20.27	24.04 1.01 11.30	38.30 1.77 0.00	32.20 1.90 0.59	3.42 1.79 30.89	10.59 1.56 27.10	12.89 1.69 28.54	29.86 2.24 10.02	36.15 2.85 13.43	45.55 2.88 3.12	3.05 2.49 42.95	88.60 2.46 -43.97	95.04 2.21 -50.15	32.36 2.16 12.20	30.41 1.95 10.45	26.30 1.36 3.44
NPX_GEN_CSC 323557	34.51 1.33 0.00	30.38 1.14 0.00	28.58 1.00 0.00	19.13 0.70 0.00	24.15 0.64 0.00	22.94 0.76 2.86	31.95 1.28 6.66	43.84 2.26 10.46	48.36 2.28 2.26	27.37 0.99 7.95	38.23 1.71 0.00	32.19 1.89 0.59	34.27 1.75 0.00	37.04 1.59 0.69	36.16 1.80 5.39	34.89 2.31 5.05	43.28 3.26 6.71	47.46 3.24 1.56	45.72 3.13 0.91	42.96 2.49 1.70	37.70 2.09 7.08	38.56 2.24 6.09	35.84 2.15 5.22	28.39 1.73 1.72
NSINS_S_GLNS_FALLS 23858	34.51 1.34 0.00	30.48 1.23 0.00	28.74 1.15 0.00	19.23 0.81 0.00	26.76 1.11 -2.14	26.60 1.15 -0.41	39.09 1.76 0.00	55.56 2.61 -0.91	50.77 2.34 -0.08	48.76 1.64 -12.78	45.86 1.65 -7.68	32.12 1.23 0.00	33.30 0.78 0.00	36.93 0.80 0.00	40.50 0.76 0.00	38.57 0.93 0.00	48.59 1.85 0.00	48.14 2.36 0.00	45.85 2.33 0.00	44.52 2.22 -0.13	47.59 2.13 -2.77	45.99 1.99 -1.60	44.69 1.76 -4.01	32.87 1.28 -3.20
NUCOR_STEEL___DRP 24197	33.24 0.06 0.00	29.16 -0.09 0.00	27.58 0.00 0.00	18.41 -0.01 0.00	23.52 0.00 0.00	25.08 0.04 0.00	37.32 -0.02 0.00	51.89 -0.15 0.00	47.97 -0.37 0.00	33.86 -0.47 0.00	35.91 -0.62 0.00	30.73 -0.16 0.00	32.56 0.04 0.00	36.22 0.09 0.00	39.78 0.04 0.00	37.72 0.08 0.00	46.74 0.01 0.00	45.73 -0.05 0.00	43.43 -0.09 0.00	42.11 -0.06 0.00	42.72 0.03 0.00	42.37 -0.03 0.00	38.80 -0.11 0.00	28.24 -0.14 0.00
NUMBER_THREE_WT_PWR 323818	33.44 0.26 0.00	29.82 0.58 0.00	28.14 0.55 0.00	18.69 0.26 0.00	24.00 0.49 0.00	25.62 0.58 0.00	38.08 0.75 0.00	53.27 1.23 0.00	48.24 -0.11 0.00	34.29 -0.05 0.00	37.18 0.66 0.00	31.31 0.41 0.00	33.12 0.14 -0.46	37.02 0.41 -0.47	40.56 0.81 0.00	38.49 0.85 0.00	47.60 0.87 0.00	47.24 1.46 0.00	44.82 1.31 0.00	43.58 1.41 0.00	43.91 1.22 0.00	43.14 0.74 0.00	39.23 0.32 0.00	28.71 0.33 0.00
NYISO_LBMP_REFERENCE 24008	33.18 0.00 0.00	29.24 0.00 0.00	27.59 0.00 0.00	18.42 0.00 0.00	23.51 0.00 0.00	25.04 0.00 0.00	37.34 0.00 0.00	52.04 0.00 0.00	48.35 0.00 0.00	34.33 0.00 0.00	36.53 0.00 0.00	30.89 0.00 0.00	32.52 0.00 0.00	36.13 0.00 0.00	39.75 0.00 0.00	37.64 0.00 0.00	46.74 0.00 0.00	45.78 0.00 0.00	43.51 0.00 0.00	42.17 0.00 0.00	42.69 0.00 0.00	42.40 0.00 0.00	38.91 0.00 0.00	28.38 0.00 0.00
NYPA_BRENTWD____GT 24164	35.01 1.83 0.00	30.83 1.58 0.00	29.00 1.42 0.00	19.40 0.98 0.00	24.49 0.98 0.00	23.55 0.98 2.47	33.24 1.65 5.75	45.87 2.86 9.04	48.94 2.55 1.95	28.34 1.33 7.32	38.74 2.22 0.00	33.23 2.34 0.00	34.78 2.26 0.00	37.65 2.11 0.59	37.32 2.24 4.66	35.95 2.59 4.28	44.22 3.28 5.79	47.83 3.39 1.34	45.99 3.26 0.79	43.59 2.89 1.47	39.21 2.63 6.11	39.77 2.62 5.26	36.85 2.44 4.51	28.70 1.80 1.49

NYPA_GOWANUS____GT5 24156	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NYPA_GOWANUS____GT6 24157	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.43 0.00	39.71 2.38 0.00	55.77 3.72 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.77 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.43 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NYPA_HARLEM__RVR__GT1 24160	34.97 1.79 0.00	30.77 1.52 0.00	28.99 1.40 0.00	-234.74 0.97 254.14	24.61 1.11 0.02	26.23 1.20 0.02	39.38 2.05 0.00	55.47 3.42 0.00	51.43 3.08 0.00	36.19 1.86 0.00	38.77 2.24 0.00	33.26 2.37 0.00	34.91 2.40 0.00	38.72 2.59 0.00	42.53 2.79 0.00	40.66 3.02 0.00	50.16 3.42 0.00	49.27 3.49 0.00	46.82 3.30 0.00	45.28 3.11 0.00	45.61 2.92 0.00	45.34 2.94 0.00	41.62 2.71 0.00	30.19 1.81 0.00
NYPA_HARLEM__RVR__GT2 24161	34.97 1.79 0.00	30.77 1.52 0.00	28.99 1.40 0.00	-234.74 0.97 254.14	24.61 1.11 0.02	26.23 1.20 0.02	39.38 2.05 0.00	55.47 3.42 0.00	51.43 3.08 0.00	36.19 1.86 0.00	38.77 2.24 0.00	33.26 2.37 0.00	34.91 2.40 0.00	38.72 2.59 0.00	42.53 2.79 0.00	40.66 3.02 0.00	50.16 3.42 0.00	49.27 3.49 0.00	46.82 3.30 0.00	45.28 3.11 0.00	45.61 2.92 0.00	45.34 2.94 0.00	41.62 2.71 0.00	30.19 1.81 0.00
NYPA_KENT____GT 24152	35.21 2.03 0.00	30.98 1.73 0.00	29.18 1.60 0.00	19.53 1.11 0.00	24.81 1.30 0.00	26.44 1.40 0.00	39.67 2.34 0.00	55.69 3.65 0.00	51.60 3.25 0.00	36.32 1.98 0.00	38.92 2.40 0.00	33.37 2.48 0.00	35.06 2.54 0.00	38.95 2.82 0.00	42.72 2.97 0.00	40.77 3.13 0.00	50.31 3.57 0.00	49.37 3.59 0.00	46.92 3.41 0.00	45.37 3.20 0.00	45.71 3.02 0.00	45.46 3.05 0.00	41.76 2.86 0.00	30.31 1.93 0.00
NYPA_POUCHI____GT 24155	35.23 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.55 1.12 0.00	24.83 1.32 0.00	26.47 1.43 0.00	39.72 2.38 0.00	55.72 3.68 0.00	51.62 3.27 0.00	36.30 1.97 0.00	38.88 2.36 0.00	33.33 2.43 0.00	35.01 2.49 0.00	38.91 2.78 0.00	42.66 2.92 0.00	40.70 3.05 0.00	50.19 3.46 0.00	49.30 3.51 0.00	46.86 3.35 0.00	45.36 3.19 0.00	45.67 2.98 0.00	45.47 3.07 0.00	41.82 2.91 0.00	30.35 1.96 0.00
NYPA_VERNON____GT2 24162	35.18 2.00 0.00	30.95 1.71 0.00	29.16 1.57 0.00	19.52 1.10 0.00	24.78 1.27 0.00	26.42 1.37 0.00	39.62 2.28 0.00	55.63 3.59 0.00	51.54 3.19 0.00	36.30 1.96 0.00	38.90 2.38 0.00	33.37 2.48 0.00	35.06 2.54 0.00	38.93 2.80 0.00	42.70 2.96 0.00	40.77 3.13 0.00	50.29 3.55 0.00	49.34 3.56 0.00	46.89 3.37 0.00	45.33 3.16 0.00	45.66 2.97 0.00	45.40 2.99 0.00	41.73 2.82 0.00	30.28 1.90 0.00
NYPA_VERNON____GT3 24163	35.18 2.00 0.00	30.95 1.71 0.00	29.16 1.57 0.00	19.52 1.10 0.00	24.78 1.27 0.00	26.42 1.37 0.00	39.62 2.28 0.00	55.63 3.59 0.00	51.54 3.19 0.00	36.30 1.96 0.00	38.90 2.38 0.00	33.37 2.48 0.00	35.06 2.54 0.00	38.93 2.80 0.00	42.70 2.96 0.00	40.77 3.13 0.00	50.29 3.55 0.00	49.34 3.56 0.00	46.89 3.37 0.00	45.33 3.16 0.00	45.66 2.97 0.00	45.40 2.99 0.00	41.73 2.82 0.00	30.28 1.90 0.00
NYPA__ASTORIA_CC1 323568	35.16 1.98 0.00	30.93 1.69 0.00	29.15 1.56 0.00	19.50 1.08 0.00	24.76 1.25 0.00	26.40 1.36 0.00	39.58 2.25 0.00	55.57 3.52 0.00	51.48 3.13 0.00	36.25 1.92 0.00	38.87 2.34 0.00	33.34 2.45 0.00	35.03 2.51 0.00	38.89 2.76 0.00	42.67 2.92 0.00	40.74 3.09 0.00	50.22 3.49 0.00	49.28 3.50 0.00	46.83 3.32 0.00	45.27 3.10 0.00	45.61 2.92 0.00	45.35 2.95 0.00	41.68 2.78 0.00	30.26 1.88 0.00
NYPA__ASTORIA_CC2 323569	35.16 1.98 0.00	30.93 1.69 0.00	29.15 1.56 0.00	19.50 1.08 0.00	24.76 1.25 0.00	26.40 1.36 0.00	39.58 2.25 0.00	55.57 3.52 0.00	51.48 3.13 0.00	36.25 1.92 0.00	38.87 2.34 0.00	33.34 2.45 0.00	35.03 2.51 0.00	38.89 2.76 0.00	42.67 2.92 0.00	40.74 3.09 0.00	50.22 3.49 0.00	49.28 3.50 0.00	46.83 3.32 0.00	45.27 3.10 0.00	45.61 2.92 0.00	45.35 2.95 0.00	41.68 2.78 0.00	30.26 1.88 0.00
NYPA__HOLTSVILL 23794	34.59 1.41 0.00	30.45 1.21 0.00	28.65 1.06 0.00	19.17 0.75 0.00	24.20 0.69 0.00	22.77 0.73 3.01	31.56 1.22 7.00	43.24 2.18 10.99	48.01 2.04 2.38	27.14 0.93 8.13	38.23 1.70 0.00	32.79 1.90 0.00	34.29 1.77 0.00	37.03 1.61 0.72	35.89 1.81 5.66	34.68 2.24 5.20	42.69 2.99 7.05	47.13 2.98 1.63	45.41 2.86 0.96	42.76 2.37 1.78	37.30 2.05 7.43	38.17 2.16 6.40	35.52 2.09 5.48	28.23 1.65 1.81
NYPA____HELLGATE_GT1 24158	34.97 1.79 0.00	30.77 1.52 0.00	28.99 1.40 0.00	6.86 0.97 12.53	24.62 1.11 0.00	26.24 1.20 0.00	39.39 2.05 0.00	55.47 3.42 0.00	51.43 3.08 0.00	36.19 1.86 0.00	38.77 2.24 0.00	33.26 2.37 0.00	34.91 2.40 0.00	38.72 2.59 0.00	42.53 2.79 0.00	40.66 3.02 0.00	50.16 3.42 0.00	49.27 3.49 0.00	46.82 3.30 0.00	45.28 3.11 0.00	45.61 2.92 0.00	45.34 2.94 0.00	41.62 2.71 0.00	30.19 1.81 0.00
NYPA____HELLGATE_GT2 24159	34.97 1.79 0.00	30.77 1.52 0.00	28.99 1.40 0.00	6.86 0.97 12.53	24.62 1.11 0.00	26.24 1.20 0.00	39.39 2.05 0.00	55.47 3.42 0.00	51.43 3.08 0.00	36.19 1.86 0.00	38.77 2.24 0.00	33.26 2.37 0.00	34.91 2.40 0.00	38.72 2.59 0.00	42.53 2.79 0.00	40.66 3.02 0.00	50.16 3.42 0.00	49.27 3.49 0.00	46.82 3.30 0.00	45.28 3.11 0.00	45.61 2.92 0.00	45.34 2.94 0.00	41.62 2.71 0.00	30.19 1.81 0.00
NYS_BARGE__HYD 23848	32.55 -0.64 0.00	28.24 -1.00 0.00	26.58 -1.01 0.00	17.51 -0.91 0.00	22.41 -1.11 0.00	24.06 -0.98 0.00	35.32 -2.02 0.00	48.49 -3.56 0.00	45.36 -2.98 0.00	32.85 -1.48 0.00	34.75 -1.78 0.00	30.39 -0.50 0.00	32.56 0.04 0.00	35.96 -0.17 0.00	38.89 -0.86 0.00	36.56 -1.08 0.00	44.93 -1.81 0.00	42.90 -2.88 0.00	40.36 -3.15 0.00	39.41 -2.76 0.00	39.91 -2.78 0.00	39.63 -2.78 0.00	36.27 -2.64 0.00	26.44 -1.94 0.00
OAK ORCHARD__HYD 24046	32.95 -0.23 0.00	28.81 -0.44 0.00	27.14 -0.45 0.00	18.01 -0.42 0.00	23.04 -0.47 0.00	24.69 -0.35 0.00	36.69 -0.64 0.00	50.93 -1.11 0.00	47.38 -0.97 0.00	33.83 -0.51 0.00	35.93 -0.60 0.00	30.95 0.06 0.00	32.88 0.37 0.00	36.46 0.33 0.00	39.77 0.02 0.00	37.56 -0.08 0.00	46.46 -0.27 0.00	45.05 -0.74 0.00	42.63 -0.89 0.00	41.46 -0.71 0.00	41.93 -0.75 0.00	41.51 -0.90 0.00	37.93 -0.97 0.00	27.62 -0.77 0.00

OAKDALE___35_KV_LOAD 356122	33.39 0.21 0.00	29.40 0.16 0.00	27.73 0.14 0.00	18.48 0.05 0.00	23.62 0.11 0.00	25.10 0.05 0.00	37.47 0.13 0.00	52.08 0.03 0.00	48.12 -0.23 0.00	34.10 -0.23 0.00	36.17 -0.36 0.00	31.13 0.24 0.00	32.91 0.39 0.00	36.56 0.43 0.00	40.06 0.31 0.00	37.96 0.32 0.00	46.98 0.24 0.00	45.79 0.01 0.00	43.45 -0.07 0.00	42.19 0.02 0.00	42.76 0.08 0.00	42.39 -0.02 0.00	38.87 -0.04 0.00	28.30 -0.08 0.00
OCC_CHEM___DRP 24175	32.24 -0.94 0.00	27.97 -1.28 0.00	26.32 -1.27 0.00	17.34 -1.08 0.00	22.23 -1.28 0.00	23.90 -1.14 0.00	35.02 -2.31 0.00	47.87 -4.18 0.00	44.70 -3.64 0.00	32.47 -1.86 0.00	34.36 -2.17 0.00	30.06 -0.83 0.00	32.23 -0.29 0.00	35.60 -0.53 0.00	38.44 -1.31 0.00	36.08 -1.56 0.00	44.30 -2.43 0.00	42.23 -3.55 0.00	39.64 -3.87 0.00	38.75 -3.42 0.00	39.29 -3.40 0.00	39.04 -3.37 0.00	35.79 -3.12 0.00	26.08 -2.30 0.00
OH_GEN_PROXY 24063	32.28 -0.90 0.00	28.05 -1.19 0.00	26.41 -1.18 0.00	17.41 -1.02 0.00	22.32 -1.19 0.00	23.96 -1.09 0.00	35.18 -2.16 0.00	48.36 -3.69 0.00	45.20 -3.14 0.00	32.70 -1.64 0.00	34.64 -1.89 0.00	29.68 -0.63 0.59	32.43 -0.09 0.00	35.83 -0.31 0.00	38.72 -1.03 0.00	36.25 -1.29 0.10	44.68 -2.06 0.00	42.71 -3.07 0.00	40.16 -3.35 0.00	39.23 -2.94 0.00	39.77 -2.91 0.00	39.44 -2.97 0.00	36.12 -2.79 0.00	26.34 -2.04 0.00
OLIN_CORP_DRP 24177	32.16 -1.02 0.00	27.91 -1.34 0.00	26.25 -1.33 0.00	17.30 -1.12 0.00	22.12 -1.39 0.00	23.75 -1.29 0.00	34.79 -2.54 0.00	47.71 -4.34 0.00	44.63 -3.71 0.00	32.42 -1.91 0.00	34.29 -2.24 0.00	30.01 -0.88 0.00	32.17 -0.35 0.00	35.53 -0.61 0.00	38.36 -1.38 0.00	36.05 -1.60 0.00	44.24 -2.49 0.00	42.18 -3.61 0.00	39.64 -3.88 0.00	38.72 -3.45 0.00	39.24 -3.45 0.00	39.00 -3.40 0.00	35.75 -3.16 0.00	26.05 -2.33 0.00
OLIN_CORP_DSASP 323712	32.24 -0.94 0.00	27.97 -1.27 0.00	26.32 -1.27 0.00	17.34 -1.08 0.00	22.23 -1.28 0.00	23.90 -1.14 0.00	35.02 -2.32 0.00	47.83 -4.21 0.00	44.71 -3.64 0.00	32.46 -1.88 0.00	34.36 -2.17 0.00	30.06 -0.84 0.00	32.23 -0.29 0.00	35.60 -0.53 0.00	38.44 -1.31 0.00	36.09 -1.56 0.00	44.30 -2.44 0.00	42.22 -3.56 0.00	39.64 -3.87 0.00	38.76 -3.42 0.00	39.29 -3.40 0.00	39.03 -3.37 0.00	35.76 -3.15 0.00	26.08 -2.31 0.00
ONEIDA_HERK_LFGE 323681	33.74 0.56 0.00	29.90 0.66 0.00	28.19 0.60 0.00	18.79 0.37 0.00	24.04 0.53 0.00	25.67 0.63 0.00	38.28 0.95 0.00	53.46 1.41 0.00	49.05 0.70 0.00	34.79 0.46 0.00	37.27 0.74 0.00	31.41 0.52 0.00	33.24 0.50 -0.22	37.09 0.73 -0.22	40.75 1.00 0.00	38.62 0.97 0.00	47.98 1.24 0.00	47.32 1.53 0.00	44.86 1.34 0.00	43.52 1.35 0.00	43.89 1.20 0.00	43.32 0.92 0.00	39.53 0.62 0.00	28.86 0.48 0.00
ONEIDA___115KV_TB4 55905	33.94 0.76 0.00	29.96 0.71 0.00	28.24 0.65 0.00	18.86 0.44 0.00	24.12 0.61 0.00	25.76 0.71 0.00	38.50 1.17 0.00	53.73 1.68 0.00	49.53 1.18 0.00	35.07 0.74 0.00	37.30 0.77 0.00	31.50 0.61 0.00	33.28 0.76 0.00	37.23 1.10 0.00	41.06 1.32 0.00	38.87 1.23 0.00	48.36 1.62 0.00	47.52 1.74 0.00	44.94 1.42 0.00	43.53 1.36 0.00	43.89 1.20 0.00	43.42 1.02 0.00	39.68 0.77 0.00	28.90 0.52 0.00
ONONDAGA_REF_OCCRA 23987	32.95 -0.23 0.00	29.02 -0.23 0.00	27.36 -0.23 0.00	18.26 -0.16 0.00	23.32 -0.19 0.00	24.84 -0.20 0.00	37.14 -0.19 0.00	51.74 -0.31 0.00	47.84 -0.51 0.00	33.87 -0.46 0.00	36.00 -0.53 0.00	30.74 -0.15 0.00	32.46 -0.06 0.00	36.15 0.02 0.00	39.67 -0.07 0.00	37.59 -0.05 0.00	46.59 -0.15 0.00	45.62 -0.17 0.00	43.30 -0.21 0.00	42.00 -0.17 0.00	42.48 -0.21 0.00	42.11 -0.30 0.00	38.55 -0.36 0.00	28.08 -0.31 0.00
ONONDAGA___COGEN 23986	32.89 -0.29 0.00	28.96 -0.29 0.00	27.31 -0.27 0.00	18.23 -0.19 0.00	23.28 -0.23 0.00	24.79 -0.25 0.00	37.03 -0.30 0.00	51.55 -0.49 0.00	47.67 -0.68 0.00	33.75 -0.58 0.00	35.90 -0.63 0.00	30.64 -0.25 0.00	32.37 -0.15 0.00	36.00 -0.13 0.00	39.50 -0.25 0.00	37.45 -0.19 0.00	46.42 -0.31 0.00	45.46 -0.33 0.00	43.15 -0.37 0.00	41.84 -0.32 0.00	42.34 -0.35 0.00	41.98 -0.42 0.00	38.44 -0.47 0.00	28.01 -0.37 0.00
ONTARIO___LFGE 23819	33.34 0.16 0.00	29.23 -0.02 0.00	27.54 -0.04 0.00	18.34 -0.08 0.00	23.45 -0.06 0.00	25.00 -0.05 0.00	37.32 -0.02 0.00	51.73 -0.31 0.00	47.86 -0.49 0.00	33.81 -0.52 0.00	35.78 -0.74 0.00	30.92 0.03 0.00	32.84 0.33 0.00	36.58 0.45 0.00	40.08 0.34 0.00	37.96 0.31 0.00	46.80 0.07 0.00	45.57 -0.21 0.00	43.25 -0.26 0.00	42.04 -0.13 0.00	42.52 -0.17 0.00	42.08 -0.33 0.00	38.44 -0.47 0.00	27.96 -0.43 0.00
ORANGEVILLE_WT_PWR 323706	32.73 -0.45 0.00	28.48 -0.77 0.00	26.81 -0.78 0.00	17.72 -0.70 0.00	22.57 -0.95 0.00	24.01 -1.03 0.00	35.59 -1.74 0.00	48.81 -3.24 0.00	45.35 -3.00 0.00	32.17 -2.17 0.00	33.78 -2.75 0.00	29.62 -1.28 0.00	31.82 -0.70 0.00	35.60 -0.53 0.00	38.87 -0.88 0.00	36.70 -0.94 0.00	45.06 -1.68 0.00	43.06 -2.72 0.00	40.67 -2.85 0.00	39.35 -2.81 0.00	39.77 -2.92 0.00	39.35 -3.06 0.00	35.94 -2.97 0.00	26.30 -2.09 0.00
ORANGEVILLE___ESR 323794	32.73 -0.45 0.00	28.48 -0.77 0.00	26.81 -0.78 0.00	17.72 -0.70 0.00	22.57 -0.95 0.00	24.01 -1.03 0.00	35.59 -1.74 0.00	48.81 -3.24 0.00	45.35 -3.00 0.00	32.17 -2.17 0.00	33.78 -2.75 0.00	29.62 -1.28 0.00	31.82 -0.70 0.00	35.60 -0.53 0.00	38.87 -0.88 0.00	36.70 -0.94 0.00	45.06 -1.68 0.00	43.06 -2.72 0.00	40.67 -2.85 0.00	39.35 -2.81 0.00	39.77 -2.92 0.00	39.35 -3.06 0.00	35.94 -2.97 0.00	26.30 -2.09 0.00
OSWEGATCHIE___HYD 24044	33.61 0.43 0.00	29.79 0.55 0.00	28.11 0.53 0.00	18.72 0.29 0.00	23.99 0.48 0.00	25.60 0.55 0.00	38.02 0.68 0.00	53.14 1.09 0.00	48.58 0.24 0.00	34.61 0.28 0.00	37.30 0.77 0.00	31.37 0.47 0.00	33.77 0.20 -1.05	37.54 0.34 -1.07	40.49 0.75 0.00	38.24 0.60 0.00	47.08 0.34 0.00	46.51 0.73 0.00	44.31 0.80 0.00	43.05 0.88 0.00	43.69 1.00 0.00	43.29 0.89 0.00	39.49 0.58 0.00	28.86 0.48 0.00
OSWEGO___5 23606	32.34 -0.84 0.00	28.48 -0.76 0.00	26.86 -0.73 0.00	17.93 -0.49 0.00	22.90 -0.62 0.00	24.39 -0.65 0.00	36.40 -0.94 0.00	50.67 -1.38 0.00	46.92 -1.43 0.00	33.30 -1.04 0.00	35.44 -1.08 0.00	30.17 -0.72 0.00	31.81 -0.71 0.00	35.36 -0.77 0.00	38.82 -0.92 0.00	36.79 -0.85 0.00	45.61 -1.13 0.00	44.65 -1.14 0.00	42.39 -1.13 0.00	41.11 -1.05 0.00	41.60 -1.08 0.00	41.27 -1.13 0.00	37.82 -1.08 0.00	27.59 -0.79 0.00
OSWEGO___6 23613	32.34 -0.84 0.00	28.48 -0.76 0.00	26.86 -0.73 0.00	17.93 -0.49 0.00	22.90 -0.62 0.00	24.39 -0.65 0.00	36.40 -0.94 0.00	50.67 -1.38 0.00	46.92 -1.43 0.00	33.30 -1.04 0.00	35.44 -1.08 0.00	30.17 -0.72 0.00	31.81 -0.71 0.00	35.36 -0.77 0.00	38.82 -0.92 0.00	36.79 -0.85 0.00	45.61 -1.13 0.00	44.65 -1.14 0.00	42.39 -1.13 0.00	41.11 -1.05 0.00	41.60 -1.08 0.00	41.27 -1.13 0.00	37.82 -1.08 0.00	27.59 -0.79 0.00

OUTOKUMPU-AB___DRP 24206	32.78 -0.40 0.00	28.44 -0.81 0.00	26.75 -0.84 0.00	17.63 -0.80 0.00	22.58 -0.93 0.00	24.25 -0.80 0.00	35.62 -1.71 0.00	48.91 -3.14 0.00	45.70 -2.65 0.00	33.10 -1.23 0.00	35.02 -1.51 0.00	30.63 -0.26 0.00	32.82 0.30 0.00	36.29 0.16 0.00	39.24 -0.51 0.00	36.86 -0.79 0.00	45.28 -1.46 0.00	43.24 -2.54 0.00	40.66 -2.86 0.00	39.72 -2.45 0.00	40.24 -2.45 0.00	39.93 -2.47 0.00	36.56 -2.35 0.00	26.64 -1.75 0.00
OXBOW___BTM 323836	32.48 -0.70 0.00	28.18 -1.06 0.00	26.51 -1.08 0.00	17.46 -0.96 0.00	22.39 -1.12 0.00	24.06 -0.99 0.00	35.29 -2.04 0.00	48.33 -3.71 0.00	45.17 -3.18 0.00	32.76 -1.58 0.00	34.66 -1.87 0.00	30.33 -0.56 0.00	32.51 -0.01 0.00	35.93 -0.20 0.00	38.81 -0.94 0.00	36.46 -1.19 0.00	44.77 -1.96 0.00	42.72 -3.07 0.00	40.15 -3.36 0.00	39.23 -2.94 0.00	39.74 -2.94 0.00	39.46 -2.94 0.00	36.13 -2.77 0.00	26.34 -2.04 0.00
OXBOW___ 24026	32.48 -0.70 0.00	28.17 -1.07 0.00	26.50 -1.08 0.00	17.46 -0.96 0.00	22.39 -1.12 0.00	24.05 -0.99 0.00	35.29 -2.04 0.00	48.35 -3.70 0.00	45.17 -3.18 0.00	32.76 -1.57 0.00	34.66 -1.87 0.00	30.33 -0.56 0.00	32.51 -0.01 0.00	35.93 -0.21 0.00	38.82 -0.93 0.00	36.45 -1.19 0.00	44.78 -1.96 0.00	42.72 -3.06 0.00	40.14 -3.37 0.00	39.23 -2.94 0.00	39.74 -2.94 0.00	39.47 -2.94 0.00	36.16 -2.75 0.00	26.34 -2.04 0.00
OXY_CHEM_DSASP 323612	32.24 -0.94 0.00	27.97 -1.28 0.00	26.32 -1.27 0.00	17.34 -1.08 0.00	22.23 -1.28 0.00	23.90 -1.14 0.00	35.02 -2.31 0.00	47.87 -4.18 0.00	44.70 -3.64 0.00	32.47 -1.86 0.00	34.36 -2.17 0.00	30.06 -0.83 0.00	32.23 -0.29 0.00	35.60 -0.53 0.00	38.44 -1.31 0.00	36.08 -1.56 0.00	44.30 -2.43 0.00	42.23 -3.55 0.00	39.64 -3.87 0.00	38.75 -3.42 0.00	39.29 -3.40 0.00	39.04 -3.37 0.00	35.79 -3.12 0.00	26.08 -2.30 0.00
OZONE_PARK_ESR 323760	35.35 2.17 0.00	31.08 1.83 0.00	29.26 1.68 0.00	19.59 1.16 0.00	24.87 1.36 0.00	26.52 1.48 0.00	39.82 2.49 0.00	55.98 3.93 0.00	51.82 3.47 0.00	36.50 2.17 0.00	39.08 2.55 0.00	33.52 2.63 0.00	35.22 2.70 0.00	39.12 2.99 0.00	42.91 3.17 0.00	40.97 3.33 0.00	50.63 3.89 0.00	49.65 3.86 0.00	47.20 3.69 0.00	45.63 3.46 0.00	45.98 3.29 0.00	45.65 3.25 0.00	41.92 3.02 0.00	30.43 2.05 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.24 -0.94 0.00	27.97 -1.28 0.00	26.32 -1.27 0.00	17.34 -1.08 0.00	22.23 -1.28 0.00	23.90 -1.14 0.00	35.02 -2.31 0.00	47.87 -4.18 0.00	44.70 -3.64 0.00	32.47 -1.86 0.00	34.36 -2.17 0.00	30.06 -0.83 0.00	32.23 -0.29 0.00	35.60 -0.53 0.00	38.44 -1.31 0.00	36.08 -1.56 0.00	44.30 -2.43 0.00	42.23 -3.55 0.00	39.64 -3.87 0.00	38.75 -3.42 0.00	39.29 -3.40 0.00	39.04 -3.37 0.00	35.79 -3.12 0.00	26.08 -2.30 0.00
PACKARD___115KV_DUPONT_184 80571	32.24 -0.94 0.00	27.97 -1.27 0.00	26.32 -1.27 0.00	17.34 -1.08 0.00	22.23 -1.28 0.00	23.90 -1.14 0.00	35.02 -2.32 0.00	47.83 -4.21 0.00	44.71 -3.64 0.00	32.46 -1.88 0.00	34.36 -2.17 0.00	30.06 -0.84 0.00	32.23 -0.29 0.00	35.60 -0.53 0.00	38.44 -1.31 0.00	36.09 -1.56 0.00	44.30 -2.44 0.00	42.22 -3.56 0.00	39.64 -3.87 0.00	38.76 -3.42 0.00	39.29 -3.40 0.00	39.03 -3.37 0.00	35.76 -3.15 0.00	26.08 -2.31 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.06 1.88 0.00	30.85 1.60 0.00	29.06 1.48 0.00	19.44 1.02 0.00	24.69 1.18 0.00	26.32 1.27 0.00	39.49 2.15 0.00	55.47 3.43 0.00	51.39 3.04 0.00	36.16 1.83 0.00	38.75 2.22 0.00	33.22 2.32 0.00	34.88 2.36 0.00	38.71 2.58 0.00	42.51 2.76 0.00	40.60 2.96 0.00	50.06 3.32 0.00	49.14 3.36 0.00	46.70 3.19 0.00	45.17 3.00 0.00	45.50 2.81 0.00	45.24 2.83 0.00	41.53 2.63 0.00	30.16 1.77 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.72 2.54 0.00	31.42 2.18 0.00	29.63 2.05 0.00	19.83 1.41 0.00	25.17 1.65 0.00	26.84 1.79 0.00	40.30 2.97 0.00	56.50 4.45 0.00	52.39 4.04 0.00	36.82 2.48 0.00	39.44 2.92 0.00	33.81 2.92 0.00	35.50 2.99 0.00	39.43 3.30 0.00	43.26 3.52 0.00	41.33 3.69 0.00	50.97 4.23 0.00	49.94 4.16 0.00	47.47 3.96 0.00	45.93 3.76 0.00	46.25 3.56 0.00	45.99 3.58 0.00	42.19 3.28 0.00	30.65 2.26 0.00
PATROON___115KV_TB1 80586	33.51 0.33 0.00	29.63 0.39 0.00	27.92 0.34 0.00	18.70 0.28 0.00	21.11 0.34 0.00	24.89 0.38 0.00	37.73 0.40 0.00	51.40 0.52 0.00	48.67 0.43 0.00	18.21 0.33 0.00	27.02 0.38 0.00	31.22 0.33 0.00	32.55 0.03 0.00	36.25 0.11 0.00	39.71 -0.04 0.00	37.68 0.04 0.00	46.91 0.18 0.00	46.11 0.32 0.00	43.85 0.33 0.00	42.29 0.28 0.16	39.44 0.25 3.50	40.61 0.22 2.02	34.10 0.25 5.06	24.59 0.25 4.04
PATTRSNVILLE___SOLAR 323815	34.14 0.96 0.00	30.13 0.89 0.00	28.38 0.80 0.00	18.96 0.54 0.00	24.72 0.71 -0.51	25.89 0.75 -0.10	38.54 1.20 0.00	54.04 1.78 -0.22	49.82 1.45 -0.02	38.02 0.69 -2.99	39.26 0.93 -1.80	31.53 0.64 0.00	32.89 0.38 0.00	36.53 0.40 0.00	40.13 0.39 0.00	38.17 0.53 0.00	47.77 1.03 0.00	47.25 1.47 0.00	44.93 1.42 0.00	43.58 1.38 -0.03	44.68 1.33 -0.66	44.05 1.26 -0.38	41.01 1.14 -0.96	29.95 0.81 -0.76
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.73 -0.45 0.00	28.48 -0.76 0.00	26.80 -0.79 0.00	17.67 -0.75 0.00	22.66 -0.85 0.00	24.26 -0.79 0.00	35.78 -1.56 0.00	49.41 -2.64 0.00	46.06 -2.29 0.00	33.15 -1.18 0.00	35.08 -1.45 0.00	30.69 -0.20 0.00	32.88 0.36 0.00	36.39 0.26 0.00	39.41 -0.33 0.00	37.00 -0.64 0.00	45.53 -1.20 0.00	43.62 -2.17 0.00	41.11 -2.40 0.00	40.03 -2.14 0.00	40.62 -2.07 0.00	40.16 -2.24 0.00	36.74 -2.16 0.00	26.82 -1.56 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.96 1.78 0.00	30.79 1.54 0.00	29.00 1.41 0.00	19.41 0.99 0.00	24.69 1.18 0.00	26.30 1.25 0.00	39.41 2.08 0.00	55.36 3.31 0.00	51.29 2.94 0.00	36.15 1.81 0.00	38.67 2.14 0.00	33.05 2.16 0.00	34.69 2.17 0.00	38.55 2.42 0.00	42.31 2.57 0.00	40.36 2.72 0.00	50.01 3.27 0.00	49.07 3.29 0.00	46.70 3.19 0.00	45.16 2.99 0.00	45.51 2.83 0.00	45.19 2.79 0.00	41.52 2.61 0.00	30.12 1.74 0.00
PEEKSKILL___ 23653	34.79 1.61 0.00	30.62 1.38 0.00	28.86 1.27 0.00	19.32 0.90 0.00	24.55 1.04 0.00	26.17 1.12 0.00	39.22 1.88 0.00	55.10 3.06 0.00	50.97 2.63 0.00	35.87 1.54 0.00	38.38 1.85 0.00	32.88 1.98 0.00	34.56 2.04 0.00	38.40 2.27 0.00	42.11 2.36 0.00	40.19 2.55 0.00	49.74 3.01 0.00	48.79 3.01 0.00	46.41 2.89 0.00	44.86 2.69 0.00	45.24 2.55 0.00	44.94 2.53 0.00	41.32 2.41 0.00	29.99 1.61 0.00
PGE MADISON___WINDPWR 24146	35.09 1.91 0.00	31.02 1.78 0.00	29.22 1.63 0.00	19.40 0.98 0.00	24.83 1.32 0.00	26.57 1.53 0.00	39.69 2.35 0.00	55.26 3.21 0.00	50.49 2.14 0.00	35.57 1.24 0.00	37.21 0.68 0.00	31.74 0.85 0.00	33.55 1.03 0.00	37.69 1.56 0.00	41.72 1.98 0.00	39.73 2.09 0.00	49.55 2.81 0.00	48.41 2.62 0.00	46.14 2.63 0.00	44.77 2.59 0.00	45.02 2.33 0.00	44.10 1.70 0.00	40.49 1.58 0.00	29.40 1.02 0.00

PIERCEFIELD___HYD 23852	33.89 0.71 0.00	29.88 0.63 0.00	28.21 0.62 0.00	18.82 0.39 0.00	24.08 0.57 0.00	25.69 0.65 0.00	38.12 0.78 0.00	53.19 1.14 0.00	49.10 0.75 0.00	35.09 0.76 0.00	37.63 1.11 0.00	31.58 0.69 0.00	34.44 0.38 -1.54	38.10 0.40 -1.57	40.54 0.80 0.00	38.14 0.50 0.00	47.01 0.28 0.00	46.09 0.31 0.00	44.11 0.60 0.00	42.85 0.68 0.00	43.73 1.04 0.00	43.49 1.09 0.00	39.82 0.92 0.00	29.09 0.71 0.00
PINELAWN_CC_1 323563	34.88 1.70 0.00	30.69 1.45 0.00	28.88 1.30 0.00	19.32 0.89 0.00	24.42 0.90 0.00	25.49 0.94 0.49	37.81 1.61 1.14	53.10 2.84 1.79	50.44 2.48 0.39	30.92 1.27 4.67	38.55 2.02 0.00	33.02 2.13 0.00	34.57 2.06 0.00	37.97 1.96 0.12	40.90 2.09 0.93	39.01 2.21 0.85	48.20 2.61 1.15	48.13 2.61 0.27	45.91 2.54 0.15	44.10 2.22 0.29	43.44 1.97 1.21	43.49 2.12 1.04	40.10 2.08 0.89	29.81 1.72 0.29
PJM_GEN_HTTP_PROXY 323702	35.05 1.87 0.00	30.83 1.58 0.00	29.04 1.45 0.00	19.44 1.02 0.00	24.69 1.18 0.00	26.32 1.28 0.00	39.48 2.15 0.00	55.48 3.43 0.00	52.03 3.02 -0.66	36.17 1.84 0.00	38.75 2.22 0.00	33.24 2.35 0.00	34.92 2.40 0.00	38.79 2.66 0.00	42.53 2.78 0.00	40.61 2.97 0.00	49.16 3.45 1.03	49.21 3.43 0.00	46.78 3.27 0.00	45.21 3.04 0.00	45.56 2.88 0.00	45.25 2.84 0.00	41.57 2.67 0.00	30.19 1.80 0.00
PJM_GEN_KEystone 24065	33.71 0.53 0.00	29.58 0.33 0.00	27.90 0.32 0.00	18.59 0.17 0.00	23.73 0.22 0.00	25.27 0.23 0.00	37.68 0.35 0.00	61.52 0.55 -8.92	49.46 0.30 -0.81	34.45 0.12 0.00	36.70 0.18 0.00	31.73 0.84 0.00	33.59 1.07 0.00	37.27 1.14 0.00	40.69 0.95 0.00	38.57 0.93 0.00	46.56 0.85 1.03	46.32 0.53 0.00	43.94 0.42 0.00	42.65 0.48 0.00	43.15 0.46 0.00	42.83 0.42 0.00	39.33 0.42 0.00	28.63 0.25 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.66 1.48 0.00	30.51 1.27 0.00	28.71 1.13 0.00	19.21 0.79 0.00	24.30 0.79 0.00	25.87 0.83 0.00	38.76 1.43 0.00	54.57 2.52 0.00	51.16 2.15 -0.66	30.42 1.12 5.04	38.36 1.84 0.00	32.87 1.99 0.00	34.45 1.93 0.00	38.02 1.89 0.01	41.80 2.06 0.01	39.97 2.33 0.00	48.52 2.81 1.03	48.65 2.86 0.00	46.29 2.77 -0.01	44.63 2.46 0.00	44.93 2.25 0.00	44.68 2.28 0.00	41.07 2.16 0.00	29.90 1.52 0.00
PJM_GEN_VFT_PROXY 323633	34.97 1.79 0.00	30.76 1.52 0.00	28.98 1.40 0.00	19.40 0.98 0.00	24.64 1.13 0.00	26.27 1.22 0.00	39.43 2.10 0.00	55.38 3.33 0.00	51.92 2.91 -0.66	36.08 1.75 0.00	38.64 2.12 0.00	33.15 2.26 0.00	34.83 2.31 0.00	38.70 2.57 0.00	42.44 2.69 0.00	40.52 2.88 0.00	49.02 3.31 1.03	49.07 3.29 0.00	46.66 3.15 0.00	45.09 2.92 0.00	45.44 2.76 0.00	45.15 2.74 0.00	41.49 2.58 0.00	30.11 1.73 0.00
PLATSBURG_115KV_PMLD1 355749	33.90 0.73 0.00	29.80 0.55 0.00	28.10 0.51 0.00	18.84 0.42 0.00	24.08 0.57 0.00	25.37 0.32 0.00	37.23 -0.11 0.00	51.38 -0.67 0.00	47.68 -0.67 0.00	34.36 0.03 0.00	36.71 0.18 0.00	26.39 -0.11 4.40	17.16 -1.06 14.29	21.00 -1.33 13.80	39.43 -0.32 0.00	36.81 -0.83 0.00	45.39 -1.35 0.00	43.99 -1.79 0.00	36.62 -1.43 5.46	1.52 -1.53 39.12	41.64 -1.05 0.00	41.85 -0.55 0.00	39.41 0.50 0.00	28.98 0.59 0.00
PLEASANTVLY___LBMP 24000	34.43 1.25 0.00	30.35 1.11 0.00	28.60 1.02 0.00	19.16 0.74 0.00	24.36 0.85 0.00	25.93 0.88 0.00	38.75 1.42 0.00	54.36 2.32 0.00	50.35 2.01 0.00	35.49 1.16 0.00	37.95 1.43 0.00	32.46 1.57 0.00	34.09 1.57 0.00	37.89 1.76 0.00	41.55 1.80 0.00	39.62 1.97 0.00	49.06 2.32 0.00	48.12 2.34 0.00	45.75 2.24 0.00	44.25 2.08 0.00	44.64 1.96 0.00	44.35 1.95 0.00	40.80 1.89 0.00	29.64 1.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.82 1.64 0.00	30.68 1.43 0.00	28.90 1.31 0.00	19.34 0.92 0.00	24.58 1.07 0.00	26.17 1.13 0.00	39.21 1.88 0.00	55.08 3.03 0.00	50.99 2.64 0.00	35.98 1.64 0.00	38.45 1.92 0.00	32.92 2.03 0.00	34.59 2.08 0.00	38.43 2.30 0.00	42.15 2.40 0.00	40.22 2.58 0.00	49.77 3.04 0.00	48.81 3.03 0.00	46.42 2.91 0.00	44.89 2.72 0.00	45.24 2.55 0.00	44.94 2.53 0.00	41.30 2.39 0.00	29.99 1.61 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.82 1.64 0.00	30.68 1.43 0.00	28.90 1.31 0.00	19.34 0.92 0.00	24.58 1.07 0.00	26.17 1.13 0.00	39.21 1.88 0.00	55.08 3.03 0.00	50.99 2.64 0.00	35.98 1.64 0.00	38.45 1.92 0.00	32.92 2.03 0.00	34.59 2.08 0.00	38.43 2.30 0.00	42.15 2.40 0.00	40.22 2.58 0.00	49.77 3.04 0.00	48.81 3.03 0.00	46.42 2.91 0.00	44.89 2.72 0.00	45.24 2.55 0.00	44.94 2.53 0.00	41.30 2.39 0.00	29.99 1.61 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.65 1.47 0.00	30.54 1.29 0.00	28.78 1.19 0.00	19.27 0.85 0.00	24.50 0.99 0.00	26.08 1.04 0.00	39.01 1.68 0.00	54.76 2.71 0.00	50.67 2.32 0.00	35.68 1.35 0.00	38.13 1.60 0.00	32.55 1.66 0.00	34.20 1.68 0.00	38.03 1.90 0.00	41.74 1.99 0.00	39.80 2.16 0.00	49.34 2.60 0.00	48.43 2.64 0.00	46.06 2.54 0.00	44.55 2.38 0.00	44.95 2.26 0.00	44.68 2.28 0.00	41.09 2.18 0.00	29.83 1.45 0.00
POLETTI_____ 23519	34.70 1.53 0.00	30.53 1.29 0.00	28.77 1.18 0.00	-114.15 0.82 133.39	24.42 0.92 0.01	26.02 0.99 0.01	39.08 1.75 0.00	55.12 3.07 0.00	51.11 2.77 0.00	35.96 1.62 0.00	38.53 2.00 0.00	33.06 2.17 0.00	34.70 2.18 0.00	38.47 2.34 0.00	42.26 2.51 0.00	40.41 2.77 0.00	49.81 3.07 0.00	48.95 3.17 0.00	46.52 3.01 0.00	44.99 2.83 0.00	45.32 2.63 0.00	45.02 2.62 0.00	41.33 2.42 0.00	29.99 1.61 0.00
POMONA___ESR 323819	34.83 1.65 0.00	30.66 1.41 0.00	28.89 1.31 0.00	19.34 0.92 0.00	24.59 1.08 0.00	26.22 1.17 0.00	39.32 1.99 0.00	55.25 3.20 0.00	51.08 2.74 0.00	35.93 1.60 0.00	38.43 1.90 0.00	32.91 2.02 0.00	34.61 2.10 0.00	38.48 2.35 0.00	42.21 2.47 0.00	40.27 2.63 0.00	49.83 3.09 0.00	48.88 3.10 0.00	46.48 2.97 0.00	44.94 2.77 0.00	45.32 2.63 0.00	45.02 2.61 0.00	41.37 2.46 0.00	30.04 1.66 0.00
PORT_JEFF_3 23555	34.57 1.39 0.00	30.44 1.19 0.00	28.64 1.05 0.00	19.16 0.74 0.00	24.19 0.67 0.00	22.95 0.73 2.83	31.94 1.18 6.58	43.81 2.10 10.34	48.06 1.95 2.23	27.30 0.88 7.91	38.24 1.71 0.00	32.81 1.92 0.00	34.30 1.78 0.00	37.10 1.64 0.68	36.24 1.82 5.33	35.03 2.28 4.89	43.16 3.05 6.63	47.25 3.01 1.54	45.42 2.81 0.90	42.73 2.24 1.68	37.64 1.94 6.99	38.53 2.14 6.01	35.91 2.15 5.15	28.39 1.71 1.70
PORT_JEFF_4 23616	34.57 1.39 0.00	30.44 1.19 0.00	28.64 1.05 0.00	19.16 0.74 0.00	24.19 0.67 0.00	22.95 0.73 2.83	31.94 1.18 6.58	43.81 2.10 10.34	48.06 1.95 2.23	27.30 0.88 7.91	38.24 1.71 0.00	32.81 1.92 0.00	34.30 1.78 0.00	37.10 1.64 0.68	36.24 1.82 5.33	35.03 2.28 4.89	43.16 3.05 6.63	47.25 3.01 1.54	45.42 2.81 0.90	42.73 2.24 1.68	37.64 1.94 6.99	38.53 2.14 6.01	35.91 2.15 5.15	28.39 1.71 1.70

PORT_JEFF_IC 23713	34.62 1.44 0.00	30.48 1.23 0.00	28.67 1.09 0.00	19.18 0.76 0.00	24.22 0.71 0.00	23.48 0.76 2.32	33.16 1.24 5.41	45.72 2.17 8.49	48.54 2.02 1.84	27.96 0.93 7.30	38.28 1.75 0.00	32.84 1.95 0.00	34.33 1.81 0.00	37.24 1.66 0.56	37.22 1.85 4.38	35.94 2.31 4.02	44.38 3.09 5.44	47.59 3.07 1.26	45.67 2.90 0.74	43.18 2.39 1.38	39.01 2.07 5.74	39.70 2.24 4.94	36.87 2.19 4.24	28.72 1.73 1.40
PPL PILGRIM_ST_GT1 24216	35.01 1.83 0.00	30.83 1.58 0.00	29.00 1.42 0.00	19.40 0.98 0.00	24.49 0.98 0.00	23.55 0.98 2.47	33.24 1.65 5.75	45.87 2.86 9.04	48.94 2.55 1.95	28.34 1.33 7.32	38.74 2.22 0.00	33.23 2.34 0.00	34.78 2.26 0.00	37.65 2.11 0.59	37.32 2.24 4.66	35.95 2.59 4.28	44.22 3.28 5.79	47.83 3.39 1.34	45.99 3.26 0.79	43.59 2.89 1.47	39.21 2.63 6.11	39.77 2.62 5.26	36.85 2.44 4.51	28.70 1.80 1.49
PPL PILGRIM_ST_GT2 24217	35.01 1.83 0.00	30.83 1.58 0.00	29.00 1.42 0.00	19.40 0.98 0.00	24.49 0.98 0.00	23.55 0.98 2.47	33.24 1.65 5.75	45.87 2.86 9.04	48.94 2.55 1.95	28.34 1.33 7.32	38.74 2.22 0.00	33.23 2.34 0.00	34.78 2.26 0.00	37.65 2.11 0.59	37.32 2.24 4.66	35.95 2.59 4.28	44.22 3.28 5.79	47.83 3.39 1.34	45.99 3.26 0.79	43.59 2.89 1.47	39.21 2.63 6.11	39.77 2.62 5.26	36.85 2.44 4.51	28.70 1.80 1.49
PPL_SHRM_GT3 24213	34.51 1.33 0.00	30.38 1.13 0.00	28.58 0.99 0.00	19.12 0.70 0.00	24.14 0.63 0.00	23.13 0.78 2.69	32.36 1.29 6.26	44.49 2.28 9.83	48.54 2.31 2.13	27.59 0.99 7.74	38.22 1.69 0.00	32.75 1.86 0.00	34.23 1.72 0.00	37.04 1.55 0.64	36.46 1.78 5.07	35.30 2.31 4.66	43.74 3.31 6.30	47.61 3.29 1.46	45.84 3.19 0.86	42.58 2.01 1.60	37.89 1.85 6.65	38.95 2.27 5.72	36.19 2.18 4.90	28.53 1.76 1.62
PPL_SHRM_GT4 24214	34.51 1.33 0.00	30.38 1.13 0.00	28.58 0.99 0.00	19.12 0.70 0.00	24.14 0.63 0.00	23.13 0.78 2.69	32.36 1.29 6.26	44.49 2.28 9.83	48.54 2.31 2.13	27.59 0.99 7.74	38.22 1.69 0.00	32.75 1.86 0.00	34.23 1.72 0.00	37.04 1.55 0.64	36.46 1.78 5.07	35.30 2.31 4.66	43.74 3.31 6.30	47.61 3.29 1.46	45.84 3.19 0.86	42.58 2.01 1.60	37.89 1.85 6.65	38.95 2.27 5.72	36.19 2.18 4.90	28.53 1.76 1.62
PROJECT___ORANGE 1 24174	32.72 -0.46 0.00	28.81 -0.43 0.00	27.16 -0.42 0.00	18.13 -0.29 0.00	23.16 -0.35 0.00	24.67 -0.37 0.00	36.87 -0.46 0.00	51.35 -0.70 0.00	47.50 -0.85 0.00	33.67 -0.66 0.00	35.84 -0.68 0.00	30.59 -0.30 0.00	32.30 -0.22 0.00	35.93 -0.20 0.00	39.41 -0.33 0.00	37.34 -0.30 0.00	46.28 -0.45 0.00	45.29 -0.49 0.00	42.95 -0.56 0.00	41.67 -0.50 0.00	42.14 -0.55 0.00	41.77 -0.63 0.00	38.26 -0.65 0.00	27.87 -0.51 0.00
PROJECT___ORANGE 2 24166	32.72 -0.46 0.00	28.81 -0.43 0.00	27.16 -0.42 0.00	18.13 -0.29 0.00	23.16 -0.35 0.00	24.67 -0.37 0.00	36.87 -0.46 0.00	51.35 -0.70 0.00	47.50 -0.85 0.00	33.67 -0.66 0.00	35.84 -0.68 0.00	30.59 -0.30 0.00	32.30 -0.22 0.00	35.93 -0.20 0.00	39.41 -0.33 0.00	37.34 -0.30 0.00	46.28 -0.45 0.00	45.29 -0.49 0.00	42.95 -0.56 0.00	41.67 -0.50 0.00	42.14 -0.55 0.00	41.77 -0.63 0.00	38.26 -0.65 0.00	27.87 -0.51 0.00
PUCKETT___SOLAR 323809	33.80 0.62 0.00	29.83 0.58 0.00	28.12 0.53 0.00	18.72 0.30 0.00	23.95 0.44 0.00	25.48 0.44 0.00	38.05 0.72 0.00	52.95 0.90 0.00	48.71 0.36 0.00	34.34 0.01 0.00	36.22 -0.31 0.00	31.19 0.30 0.00	33.02 0.50 0.00	36.80 0.66 0.00	40.35 0.61 0.00	38.28 0.63 0.00	47.42 0.69 0.00	46.29 0.51 0.00	43.98 0.47 0.00	42.71 0.54 0.00	43.23 0.54 0.00	42.75 0.35 0.00	39.25 0.34 0.00	28.54 0.16 0.00
PYRITES___HYD 24023	34.39 1.21 0.00	30.29 1.05 0.00	28.59 1.00 0.00	19.08 0.66 0.00	24.42 0.91 0.00	26.11 1.06 0.00	38.83 1.50 0.00	54.17 2.13 0.00	49.96 1.61 0.00	35.68 1.35 0.00	38.17 1.64 0.00	32.05 1.16 0.00	34.63 0.75 -1.36	38.32 0.80 -1.39	40.78 1.03 0.00	38.38 0.74 0.00	47.32 0.58 0.00	46.76 0.98 0.00	44.96 1.45 0.00	43.71 1.54 0.00	44.49 1.80 0.00	44.15 1.74 0.00	40.38 1.47 0.00	29.47 1.09 0.00
QUAKERRD_115KV_BK1 80622	32.20 -0.97 0.00	28.19 -1.05 0.00	26.57 -1.02 0.00	17.66 -0.76 0.00	22.59 -0.92 0.00	24.17 -0.87 0.00	35.98 -1.35 0.00	49.99 -2.06 0.00	46.42 -1.93 0.00	33.09 -1.24 0.00	35.17 -1.36 0.00	30.22 -0.67 0.00	32.07 -0.45 0.00	35.59 -0.54 0.00	38.86 -0.88 0.00	36.73 -0.91 0.00	45.46 -1.28 0.00	44.19 -1.60 0.00	41.82 -1.69 0.00	40.65 -1.52 0.00	41.11 -1.57 0.00	40.71 -1.69 0.00	37.22 -1.69 0.00	27.09 -1.29 0.00
QUENSBRY_115KV_TB8 356137	34.51 1.33 0.00	30.48 1.24 0.00	28.74 1.15 0.00	19.24 0.82 0.00	26.69 1.12 -2.06	26.60 1.17 -0.39	39.14 1.80 0.00	55.62 2.70 -0.87	50.85 2.42 -0.08	48.32 1.73 -12.25	45.66 1.76 -7.37	32.17 1.28 0.00	33.31 0.79 0.00	36.93 0.80 0.00	40.49 0.75 0.00	38.61 0.96 0.00	48.67 1.94 0.00	48.25 2.47 0.00	45.96 2.45 0.00	44.61 2.32 -0.12	47.56 2.22 -2.66	46.00 2.06 -1.53	44.57 1.82 -3.85	32.78 1.33 -3.07
RAMAPO___LBMP 323565	34.70 1.52 0.00	30.54 1.30 0.00	28.80 1.21 0.00	19.28 0.86 0.00	24.51 1.00 0.00	26.12 1.08 0.00	39.17 1.84 0.00	55.03 2.98 0.00	50.87 2.52 0.00	35.76 1.43 0.00	38.25 1.72 0.00	32.75 1.86 0.00	34.44 1.92 0.00	38.27 2.14 0.00	41.98 2.24 0.00	40.05 2.41 0.00	49.58 2.84 0.00	48.64 2.86 0.00	46.26 2.74 0.00	44.72 2.55 0.00	45.11 2.42 0.00	44.82 2.42 0.00	41.20 2.29 0.00	29.92 1.54 0.00
RANKINE____ 23646	32.80 -0.38 0.00	28.52 -0.72 0.00	26.84 -0.75 0.00	17.68 -0.74 0.00	22.65 -0.86 0.00	24.27 -0.77 0.00	35.77 -1.56 0.00	49.26 -2.79 0.00	45.93 -2.41 0.00	33.11 -1.22 0.00	35.02 -1.51 0.00	30.66 -0.23 0.00	32.86 0.34 0.00	36.38 0.25 0.00	39.39 -0.35 0.00	36.99 -0.66 0.00	45.48 -1.26 0.00	43.49 -2.29 0.00	40.97 -2.55 0.00	39.91 -2.26 0.00	40.47 -2.22 0.00	40.04 -2.36 0.00	36.66 -2.25 0.00	26.75 -1.64 0.00
RAVENSWOOD_GT2_1 24244	35.08 1.90 0.00	30.87 1.62 0.00	29.07 1.49 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.29 0.00	39.50 2.17 0.00	55.48 3.44 0.00	51.37 3.02 0.00	36.18 1.85 0.00	38.75 2.22 0.00	33.24 2.34 0.00	34.92 2.40 0.00	38.79 2.65 0.00	42.53 2.78 0.00	40.61 2.97 0.00	50.18 3.44 0.00	49.20 3.42 0.00	46.77 3.26 0.00	45.21 3.04 0.00	45.56 2.88 0.00	45.25 2.84 0.00	41.58 2.67 0.00	30.19 1.81 0.00
RAVENSWOOD_GT2_2 24245	35.08 1.90 0.00	30.87 1.62 0.00	29.07 1.49 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.29 0.00	39.50 2.17 0.00	55.48 3.44 0.00	51.37 3.02 0.00	36.18 1.85 0.00	38.75 2.22 0.00	33.24 2.34 0.00	34.92 2.40 0.00	38.79 2.65 0.00	42.53 2.78 0.00	40.61 2.97 0.00	50.18 3.44 0.00	49.20 3.42 0.00	46.77 3.26 0.00	45.21 3.04 0.00	45.56 2.88 0.00	45.25 2.84 0.00	41.58 2.67 0.00	30.19 1.81 0.00

RAVENSWOOD_GT2_3 24246	35.09 1.91 0.00	30.87 1.63 0.00	29.09 1.50 0.00	19.46 1.04 0.00	24.72 1.21 0.00	26.35 1.31 0.00	39.53 2.20 0.00	55.50 3.45 0.00	51.40 3.05 0.00	36.20 1.87 0.00	38.77 2.25 0.00	33.25 2.36 0.00	34.95 2.43 0.00	38.82 2.68 0.00	42.55 2.81 0.00	40.64 3.00 0.00	50.20 3.46 0.00	49.23 3.45 0.00	46.80 3.28 0.00	45.23 3.06 0.00	45.59 2.90 0.00	45.28 2.87 0.00	41.61 2.70 0.00	30.20 1.82 0.00
RAVENSWOOD_GT2_4 24247	35.09 1.91 0.00	30.87 1.63 0.00	29.09 1.50 0.00	19.46 1.04 0.00	24.72 1.21 0.00	26.35 1.31 0.00	39.53 2.20 0.00	55.50 3.45 0.00	51.40 3.05 0.00	36.20 1.87 0.00	38.77 2.25 0.00	33.25 2.36 0.00	34.95 2.43 0.00	38.82 2.68 0.00	42.55 2.81 0.00	40.64 3.00 0.00	50.20 3.46 0.00	49.23 3.45 0.00	46.80 3.28 0.00	45.23 3.06 0.00	45.59 2.90 0.00	45.28 2.87 0.00	41.61 2.70 0.00	30.20 1.82 0.00
RAVENSWOOD_GT3_1 24248	35.08 1.90 0.00	30.87 1.62 0.00	29.07 1.49 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.29 0.00	39.50 2.17 0.00	55.48 3.44 0.00	51.37 3.02 0.00	36.18 1.85 0.00	38.75 2.22 0.00	33.24 2.35 0.00	34.92 2.41 0.00	38.79 2.65 0.00	42.53 2.78 0.00	40.61 2.97 0.00	50.18 3.44 0.00	49.20 3.42 0.00	46.77 3.26 0.00	45.21 3.04 0.00	45.56 2.88 0.00	45.25 2.84 0.00	41.58 2.67 0.00	30.19 1.81 0.00
RAVENSWOOD_GT3_2 24249	35.08 1.90 0.00	30.87 1.62 0.00	29.07 1.49 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.29 0.00	39.50 2.17 0.00	55.48 3.44 0.00	51.37 3.02 0.00	36.18 1.85 0.00	38.75 2.22 0.00	33.24 2.35 0.00	34.92 2.41 0.00	38.79 2.65 0.00	42.53 2.78 0.00	40.61 2.97 0.00	50.18 3.44 0.00	49.20 3.42 0.00	46.77 3.26 0.00	45.21 3.04 0.00	45.56 2.88 0.00	45.25 2.84 0.00	41.58 2.67 0.00	30.19 1.81 0.00
RAVENSWOOD_GT3_3 24250	35.13 1.94 0.00	30.89 1.65 0.00	29.11 1.52 0.00	19.48 1.06 0.00	24.74 1.23 0.00	26.37 1.33 0.00	39.57 2.23 0.00	55.56 3.51 0.00	51.45 3.10 0.00	36.24 1.91 0.00	38.82 2.29 0.00	33.29 2.40 0.00	34.98 2.46 0.00	38.86 2.73 0.00	42.60 2.86 0.00	40.68 3.04 0.00	50.26 3.52 0.00	49.29 3.51 0.00	46.85 3.33 0.00	45.28 3.11 0.00	45.63 2.94 0.00	45.32 2.92 0.00	41.65 2.74 0.00	30.23 1.85 0.00
RAVENSWOOD_GT3_4 24251	35.13 1.94 0.00	30.89 1.65 0.00	29.11 1.52 0.00	19.48 1.06 0.00	24.74 1.23 0.00	26.37 1.33 0.00	39.57 2.23 0.00	55.56 3.51 0.00	51.45 3.10 0.00	36.24 1.91 0.00	38.82 2.29 0.00	33.29 2.40 0.00	34.98 2.46 0.00	38.86 2.73 0.00	42.60 2.86 0.00	40.68 3.04 0.00	50.26 3.52 0.00	49.29 3.51 0.00	46.85 3.33 0.00	45.28 3.11 0.00	45.63 2.94 0.00	45.32 2.92 0.00	41.65 2.74 0.00	30.23 1.85 0.00
RAVENSWOOD_GT_1 23729	35.18 2.00 0.00	30.95 1.71 0.00	29.16 1.57 0.00	19.52 1.09 0.00	24.78 1.27 0.00	26.42 1.37 0.00	39.62 2.28 0.00	55.62 3.58 0.00	51.54 3.19 0.00	36.30 1.96 0.00	38.90 2.38 0.00	33.37 2.48 0.00	35.06 2.54 0.00	38.93 2.80 0.00	42.70 2.96 0.00	40.77 3.13 0.00	50.28 3.54 0.00	49.34 3.56 0.00	46.89 3.37 0.00	45.32 3.15 0.00	45.65 2.97 0.00	45.40 2.99 0.00	41.72 2.81 0.00	30.28 1.90 0.00
RAVENSWOOD_GT_10 24258	35.08 1.90 0.00	30.87 1.62 0.00	29.07 1.49 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.29 0.00	39.50 2.17 0.00	55.48 3.44 0.00	51.37 3.02 0.00	36.18 1.85 0.00	38.75 2.22 0.00	33.24 2.34 0.00	34.92 2.40 0.00	38.79 2.65 0.00	42.53 2.78 0.00	40.61 2.97 0.00	50.18 3.44 0.00	49.20 3.42 0.00	46.78 3.27 0.00	45.21 3.04 0.00	45.56 2.88 0.00	45.25 2.84 0.00	41.58 2.67 0.00	30.19 1.81 0.00
RAVENSWOOD_GT_11 24259	35.08 1.90 0.00	30.87 1.62 0.00	29.07 1.49 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.29 0.00	39.50 2.17 0.00	55.48 3.44 0.00	51.37 3.02 0.00	36.18 1.85 0.00	38.75 2.22 0.00	33.24 2.34 0.00	34.92 2.40 0.00	38.79 2.65 0.00	42.53 2.78 0.00	40.61 2.97 0.00	50.18 3.44 0.00	49.20 3.42 0.00	46.78 3.27 0.00	45.21 3.04 0.00	45.56 2.88 0.00	45.25 2.84 0.00	41.58 2.67 0.00	30.19 1.81 0.00
RAVENSWOOD_GT_4 24252	35.08 1.90 0.00	30.87 1.62 0.00	29.09 1.50 0.00	19.46 1.04 0.00	24.72 1.20 0.00	26.35 1.30 0.00	39.52 2.18 0.00	55.47 3.43 0.00	51.37 3.02 0.00	36.19 1.86 0.00	38.78 2.25 0.00	33.25 2.36 0.00	34.94 2.42 0.00	38.81 2.68 0.00	42.56 2.81 0.00	40.63 2.99 0.00	50.17 3.43 0.00	49.21 3.42 0.00	46.76 3.25 0.00	45.20 3.03 0.00	45.55 2.87 0.00	45.26 2.86 0.00	41.59 2.68 0.00	30.20 1.82 0.00
RAVENSWOOD_GT_5 24254	35.08 1.90 0.00	30.87 1.62 0.00	29.09 1.50 0.00	19.46 1.04 0.00	24.72 1.20 0.00	26.35 1.30 0.00	39.52 2.18 0.00	55.47 3.43 0.00	51.37 3.02 0.00	36.19 1.86 0.00	38.78 2.25 0.00	33.25 2.36 0.00	34.94 2.42 0.00	38.81 2.68 0.00	42.56 2.81 0.00	40.63 2.99 0.00	50.17 3.43 0.00	49.21 3.42 0.00	46.76 3.25 0.00	45.20 3.03 0.00	45.55 2.87 0.00	45.26 2.86 0.00	41.59 2.68 0.00	30.20 1.82 0.00
RAVENSWOOD_GT_6 24253	35.08 1.90 0.00	30.87 1.62 0.00	29.09 1.50 0.00	19.46 1.04 0.00	24.72 1.20 0.00	26.35 1.30 0.00	39.52 2.18 0.00	55.47 3.43 0.00	51.37 3.02 0.00	36.19 1.86 0.00	38.78 2.25 0.00	33.25 2.36 0.00	34.94 2.42 0.00	38.81 2.68 0.00	42.56 2.81 0.00	40.63 2.99 0.00	50.17 3.43 0.00	49.21 3.42 0.00	46.76 3.25 0.00	45.20 3.03 0.00	45.55 2.87 0.00	45.26 2.86 0.00	41.59 2.68 0.00	30.20 1.82 0.00
RAVENSWOOD_GT_7 24255	35.08 1.90 0.00	30.87 1.62 0.00	29.09 1.50 0.00	19.46 1.04 0.00	24.72 1.20 0.00	26.35 1.30 0.00	39.52 2.18 0.00	55.47 3.43 0.00	51.37 3.02 0.00	36.19 1.86 0.00	38.78 2.25 0.00	33.25 2.36 0.00	34.94 2.42 0.00	38.81 2.68 0.00	42.56 2.81 0.00	40.63 2.99 0.00	50.17 3.43 0.00	49.21 3.42 0.00	46.76 3.25 0.00	45.20 3.03 0.00	45.55 2.87 0.00	45.26 2.86 0.00	41.59 2.68 0.00	30.20 1.82 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.08 1.90 0.00	30.87 1.62 0.00	29.07 1.49 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.29 0.00	39.50 2.17 0.00	55.48 3.44 0.00	51.37 3.02 0.00	36.18 1.85 0.00	38.75 2.22 0.00	33.24 2.34 0.00	34.92 2.40 0.00	38.79 2.65 0.00	42.53 2.78 0.00	40.61 2.97 0.00	50.18 3.44 0.00	49.20 3.42 0.00	46.78 3.27 0.00	45.21 3.04 0.00	45.56 2.88 0.00	45.25 2.84 0.00	41.58 2.67 0.00	30.19 1.81 0.00
RAVENSWOOD_GT_9 24257	35.08 1.90 0.00	30.87 1.62 0.00	29.07 1.49 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.29 0.00	39.50 2.17 0.00	55.48 3.44 0.00	51.37 3.02 0.00	36.18 1.85 0.00	38.75 2.22 0.00	33.24 2.34 0.00	34.92 2.40 0.00	38.79 2.65 0.00	42.53 2.78 0.00	40.61 2.97 0.00	50.18 3.44 0.00	49.20 3.42 0.00	46.78 3.27 0.00	45.21 3.04 0.00	45.56 2.88 0.00	45.25 2.84 0.00	41.58 2.67 0.00	30.19 1.81 0.00

RAVENSWOOD___1 23533	35.13 1.95 0.00	30.90 1.66 0.00	29.12 1.53 0.00	19.48 1.06 0.00	24.74 1.23 0.00	26.38 1.33 0.00	39.56 2.22 0.00	55.53 3.48 0.00	51.44 3.09 0.00	36.24 1.90 0.00	38.84 2.31 0.00	33.31 2.42 0.00	34.99 2.47 0.00	38.86 2.73 0.00	42.62 2.88 0.00	40.70 3.06 0.00	50.19 3.45 0.00	49.24 3.46 0.00	46.80 3.29 0.00	45.24 3.07 0.00	45.57 2.88 0.00	45.32 2.91 0.00	41.65 2.74 0.00	30.23 1.85 0.00
RAVENSWOOD___2 23534	35.08 1.90 0.00	30.87 1.62 0.00	29.07 1.49 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.29 0.00	39.47 2.14 0.00	55.26 3.21 0.00	51.21 2.86 0.00	36.18 1.85 0.00	38.79 2.26 0.00	33.26 2.37 0.00	34.95 2.43 0.00	38.81 2.68 0.00	42.57 2.82 0.00	40.64 3.00 0.00	50.03 3.30 0.00	49.05 3.27 0.00	46.57 3.06 0.00	45.04 2.87 0.00	45.42 2.73 0.00	45.21 2.81 0.00	41.56 2.66 0.00	30.19 1.81 0.00
RAVENSWOOD___3 23535	35.08 1.90 0.00	30.87 1.62 0.00	29.07 1.49 0.00	19.46 1.04 0.00	24.71 1.20 0.00	26.34 1.29 0.00	39.51 2.17 0.00	55.49 3.44 0.00	51.37 3.02 0.00	36.19 1.85 0.00	38.76 2.23 0.00	33.24 2.35 0.00	34.92 2.41 0.00	38.79 2.66 0.00	42.53 2.78 0.00	40.62 2.98 0.00	50.18 3.44 0.00	49.20 3.42 0.00	46.78 3.27 0.00	45.21 3.04 0.00	45.56 2.88 0.00	45.25 2.84 0.00	41.58 2.68 0.00	30.19 1.81 0.00
RAVENSWOOD___4 23820	35.13 1.95 0.00	30.90 1.66 0.00	29.12 1.53 0.00	19.48 1.06 0.00	24.74 1.23 0.00	26.38 1.33 0.00	39.56 2.22 0.00	55.53 3.48 0.00	51.44 3.09 0.00	36.24 1.90 0.00	38.84 2.31 0.00	33.31 2.42 0.00	34.99 2.47 0.00	38.86 2.73 0.00	42.62 2.88 0.00	40.70 3.06 0.00	50.19 3.45 0.00	49.24 3.46 0.00	46.80 3.29 0.00	45.24 3.07 0.00	45.57 2.88 0.00	45.32 2.91 0.00	41.65 2.74 0.00	30.23 1.85 0.00
RCPL_TRUST___DRP 24196	35.07 1.89 0.00	30.85 1.61 0.00	29.06 1.48 0.00	19.45 1.03 0.00	24.71 1.20 0.00	26.34 1.29 0.00	39.51 2.18 0.00	55.52 3.48 0.00	51.42 3.07 0.00	36.22 1.88 0.00	38.79 2.26 0.00	33.27 2.38 0.00	34.96 2.44 0.00	38.84 2.71 0.00	42.58 2.83 0.00	40.66 3.01 0.00	50.24 3.50 0.00	49.26 3.48 0.00	46.82 3.31 0.00	45.25 3.08 0.00	45.60 2.91 0.00	45.28 2.88 0.00	41.61 2.70 0.00	30.20 1.82 0.00
RED___ROCHESTER 323720	33.09 -0.09 0.00	28.94 -0.31 0.00	27.25 -0.33 0.00	18.09 -0.34 0.00	23.15 -0.36 0.00	24.81 -0.24 0.00	36.89 -0.44 0.00	51.24 -0.80 0.00	47.67 -0.68 0.00	34.03 -0.31 0.00	36.14 -0.39 0.00	31.15 0.25 0.00	33.08 0.56 0.00	36.67 0.54 0.00	40.01 0.26 0.00	37.79 0.15 0.00	46.76 0.03 0.00	45.35 -0.43 0.00	42.92 -0.59 0.00	41.75 -0.42 0.00	42.23 -0.45 0.00	41.79 -0.62 0.00	38.16 -0.74 0.00	27.77 -0.61 0.00
REGAN___SOLAR 323812	34.50 1.32 0.00	30.41 1.16 0.00	28.63 1.04 0.00	19.09 0.67 0.00	24.89 0.91 -0.46	26.16 1.03 -0.09	39.08 1.75 0.00	54.86 2.62 -0.20	50.54 2.17 -0.02	38.09 1.01 -2.74	39.62 1.44 -1.65	31.47 0.58 0.00	32.69 0.18 0.00	35.99 -0.14 0.00	39.91 0.17 0.00	38.48 0.83 0.00	48.41 1.67 0.00	48.02 2.24 0.00	45.67 2.16 0.00	44.32 2.12 -0.03	45.31 2.01 -0.61	44.61 1.85 -0.35	41.41 1.62 -0.88	30.21 1.13 -0.70
RENSSELAER___COGEN 23796	33.30 0.12 0.00	29.44 0.19 0.00	27.75 0.16 0.00	18.59 0.16 0.00	20.92 0.18 2.77	24.71 0.20 0.53	37.45 0.12 0.00	50.99 0.12 1.18	48.28 0.04 0.10	17.78 0.05 16.61	26.62 0.08 9.99	30.96 0.07 0.00	32.33 -0.19 0.00	35.97 -0.16 0.00	39.40 -0.35 0.00	37.38 -0.27 0.00	46.50 -0.23 0.00	45.68 -0.10 0.00	43.44 -0.07 0.00	41.90 -0.10 0.17	39.04 -0.14 3.51	40.24 -0.13 2.03	33.78 -0.05 5.08	24.38 0.05 4.06
REPUBLIC_115KV_BARTNBRK 55605	36.15 2.97 0.00	31.79 2.55 0.00	30.09 2.51 0.00	20.09 1.67 0.00	27.99 2.33 -2.15	27.99 2.53 -0.41	41.28 3.94 0.00	58.85 5.89 -0.91	53.87 5.44 -0.08	51.11 3.98 -12.80	48.45 4.23 -7.70	33.99 3.10 0.00	35.10 2.58 0.00	38.53 2.40 0.00	42.19 2.45 0.00	40.65 3.02 0.00	51.84 5.11 0.00	51.47 5.68 0.00	49.12 5.61 0.00	47.60 5.30 -0.13	50.56 5.10 -2.78	48.79 4.79 -1.60	47.06 4.14 -4.02	34.61 3.03 -3.21
REVERE_CPPR_DRP 24186	34.16 0.99 0.00	30.21 0.97 0.00	28.46 0.87 0.00	18.99 0.57 0.00	24.30 0.78 0.00	25.98 0.94 0.00	38.85 1.52 0.00	54.19 2.14 0.00	49.80 1.45 0.00	35.30 0.97 0.00	37.63 1.10 0.00	31.68 0.79 0.00	33.48 0.96 0.00	37.52 1.39 0.00	41.40 1.66 0.00	39.16 1.52 0.00	48.78 2.05 0.00	48.00 2.22 0.00	45.39 1.88 0.00	44.00 1.83 0.00	44.33 1.65 0.00	43.80 1.40 0.00	39.97 1.06 0.00	29.14 0.76 0.00
REYNLDPA_13_KV_LD 356490	33.63 0.45 0.00	29.57 0.33 0.00	27.92 0.34 0.00	18.64 0.22 0.00	23.81 0.30 0.00	25.41 0.36 0.00	37.87 0.54 0.00	52.77 0.72 0.00	49.09 0.74 0.00	35.04 0.71 0.00	37.28 0.75 0.00	31.29 0.40 0.00	32.82 0.31 0.00	32.24 0.29 4.18	40.34 0.59 0.00	38.01 0.37 0.00	47.19 0.45 0.00	46.13 0.34 0.00	44.00 0.48 0.00	42.67 0.50 0.00	43.31 0.63 0.00	43.00 0.60 0.00	39.49 0.58 0.00	28.84 0.46 0.00
REYNOLDS_115KV_TB3 80639	33.61 0.43 0.00	29.71 0.47 0.00	28.01 0.42 0.00	18.76 0.34 0.00	20.50 0.42 3.44	24.81 0.42 0.66	37.78 0.44 0.00	51.14 0.55 1.46	48.67 0.46 0.13	14.15 0.40 20.59	24.59 0.44 12.38	31.26 0.37 0.00	32.60 0.08 0.00	36.27 0.14 0.00	39.69 -0.06 0.00	37.63 -0.01 0.00	46.88 0.14 0.00	46.10 0.32 0.00	43.87 0.36 0.00	42.29 0.33 0.21	38.61 0.30 4.38	40.17 0.29 2.53	32.91 0.34 6.34	23.65 0.33 5.06
RIVERBAY____ 323610	35.72 2.54 0.00	31.42 2.18 0.00	29.63 2.05 0.00	19.83 1.41 0.00	25.17 1.65 0.00	26.84 1.79 0.00	40.30 2.97 0.00	56.50 4.45 0.00	52.39 4.04 0.00	36.82 2.48 0.00	39.44 2.92 0.00	33.81 2.92 0.00	35.50 2.99 0.00	39.43 3.30 0.00	43.26 3.52 0.00	41.33 3.69 0.00	50.97 4.23 0.00	49.94 4.16 0.00	47.47 3.96 0.00	45.93 3.76 0.00	46.25 3.56 0.00	45.99 3.58 0.00	42.19 3.28 0.00	30.65 2.26 0.00
RIVERSDE_115KV_TB3 55908	33.38 0.20 0.00	29.51 0.27 0.00	27.82 0.23 0.00	18.64 0.21 0.00	20.70 0.25 3.07	24.73 0.27 0.59	37.56 0.22 0.00	51.00 0.26 1.30	48.40 0.17 0.12	16.12 0.17 18.38	25.67 0.20 11.06	31.06 0.17 0.00	32.41 -0.11 0.00	36.07 -0.06 0.00	39.49 -0.26 0.00	37.46 -0.18 0.00	46.64 -0.10 0.00	45.83 0.05 0.00	43.59 0.07 0.00	42.04 0.06 0.18	38.80 0.02 3.91	40.16 0.01 2.26	33.33 0.08 5.66	24.00 0.13 4.51
ROARING___BROOK_WT_PWR 323790	33.15 -0.03 0.00	29.23 -0.02 0.00	27.59 0.00 0.00	18.40 -0.02 0.00	23.50 -0.01 0.00	25.04 0.00 0.00	37.26 -0.07 0.00	51.92 -0.13 0.00	48.12 -0.23 0.00	34.18 -0.15 0.00	36.43 -0.10 0.00	30.73 -0.16 0.00	32.35 -0.17 0.00	35.99 -0.15 0.00	39.70 -0.04 0.00	37.58 -0.06 0.00	46.68 -0.06 0.00	45.77 -0.02 0.00	43.46 -0.05 0.00	42.14 -0.03 0.00	42.58 -0.11 0.00	42.21 -0.19 0.00	38.68 -0.23 0.00	28.26 -0.12 0.00

ROCHESRG_115KV_T4 355643	32.83 -0.35 0.00	28.71 -0.53 0.00	27.05 -0.53 0.00	17.95 -0.47 0.00	22.97 -0.54 0.00	24.60 -0.44 0.00	36.55 -0.79 0.00	50.73 -1.31 0.00	47.18 -1.17 0.00	33.69 -0.64 0.00	35.78 -0.75 0.00	30.83 -0.06 0.00	32.75 0.24 0.00	36.31 0.18 0.00	39.61 -0.14 0.00	37.39 -0.25 0.00	46.25 -0.49 0.00	44.85 -0.93 0.00	42.43 -1.09 0.00	41.27 -0.90 0.00	41.75 -0.94 0.00	41.33 -1.07 0.00	37.79 -1.12 0.00	27.52 -0.87 0.00
ROCHESTER_9_IC 23652	32.99 -0.19 0.00	28.84 -0.40 0.00	27.17 -0.42 0.00	18.03 -0.39 0.00	23.08 -0.43 0.00	24.72 -0.32 0.00	36.75 -0.58 0.00	51.04 -1.01 0.00	47.47 -0.88 0.00	33.89 -0.44 0.00	35.99 -0.53 0.00	31.01 0.12 0.00	32.94 0.43 0.00	36.53 0.40 0.00	39.85 0.10 0.00	37.63 -0.02 0.00	46.54 -0.20 0.00	45.13 -0.65 0.00	42.70 -0.81 0.00	41.54 -0.63 0.00	42.02 -0.67 0.00	41.58 -0.82 0.00	38.01 -0.89 0.00	27.66 -0.72 0.00
ROCKVIEW_13_KV_LD 356306	34.99 1.81 0.00	30.80 1.55 0.00	29.01 1.42 0.00	19.42 1.00 0.00	24.69 1.17 0.00	26.28 1.24 0.00	39.43 2.10 0.00	55.41 3.36 0.00	51.31 2.97 0.00	36.12 1.78 0.00	38.69 2.16 0.00	33.15 2.26 0.00	34.84 2.32 0.00	38.71 2.58 0.00	42.45 2.71 0.00	40.52 2.88 0.00	50.13 3.39 0.00	49.16 3.37 0.00	46.77 3.26 0.00	45.22 3.05 0.00	45.54 2.85 0.00	45.24 2.83 0.00	41.57 2.66 0.00	30.17 1.79 0.00
ROME____115KV_TB2 80656	34.16 0.99 0.00	30.21 0.97 0.00	28.46 0.87 0.00	18.99 0.57 0.00	24.30 0.78 0.00	25.98 0.94 0.00	38.85 1.52 0.00	54.19 2.14 0.00	49.80 1.45 0.00	35.30 0.97 0.00	37.63 1.10 0.00	31.68 0.79 0.00	33.48 0.96 0.00	37.52 1.39 0.00	41.40 1.66 0.00	39.16 1.52 0.00	48.78 2.05 0.00	48.00 2.22 0.00	45.39 1.88 0.00	44.00 1.83 0.00	44.33 1.65 0.00	43.80 1.40 0.00	39.97 1.06 0.00	29.14 0.76 0.00
ROSETON___1 23587	34.45 1.27 0.00	30.36 1.12 0.00	28.61 1.03 0.00	19.16 0.74 0.00	24.36 0.85 0.00	25.92 0.88 0.00	38.74 1.41 0.00	54.33 2.28 0.00	50.31 1.96 0.00	35.48 1.14 0.00	37.97 1.44 0.00	32.52 1.63 0.00	34.19 1.68 0.00	38.01 1.88 0.00	41.69 1.95 0.00	39.76 2.12 0.00	49.20 2.46 0.00	48.22 2.44 0.00	45.86 2.34 0.00	44.35 2.18 0.00	44.74 2.05 0.00	44.41 2.00 0.00	40.85 1.94 0.00	29.68 1.30 0.00
ROSETON___2 23588	34.45 1.27 0.00	30.36 1.12 0.00	28.61 1.03 0.00	19.16 0.74 0.00	24.36 0.85 0.00	25.92 0.88 0.00	38.74 1.41 0.00	54.33 2.28 0.00	50.31 1.96 0.00	35.48 1.14 0.00	37.97 1.44 0.00	32.52 1.63 0.00	34.19 1.68 0.00	38.01 1.88 0.00	41.69 1.95 0.00	39.76 2.12 0.00	49.20 2.46 0.00	48.22 2.44 0.00	45.86 2.34 0.00	44.35 2.18 0.00	44.74 2.05 0.00	44.41 2.00 0.00	40.85 1.94 0.00	29.68 1.30 0.00
ROTRRDAM_115KV_TB3 80664	34.03 0.85 0.00	30.06 0.81 0.00	28.33 0.74 0.00	18.94 0.52 0.00	24.70 0.66 -0.53	25.81 0.67 -0.10	38.34 1.01 0.00	53.76 1.48 -0.23	49.60 1.24 -0.02	38.27 0.78 -3.15	39.28 0.86 -1.90	31.63 0.74 0.00	33.05 0.53 0.00	36.73 0.60 0.00	40.31 0.57 0.00	38.27 0.62 0.00	47.71 0.97 0.00	46.97 1.19 0.00	44.67 1.15 0.00	43.31 1.10 -0.03	44.47 1.09 -0.70	43.87 1.06 -0.40	40.91 1.00 -1.01	29.89 0.70 -0.81
RUSSELL___1 23602	33.09 -0.09 0.00	28.93 -0.31 0.00	27.25 -0.33 0.00	18.09 -0.34 0.00	23.15 -0.36 0.00	24.81 -0.24 0.00	36.89 -0.44 0.00	51.25 -0.79 0.00	47.67 -0.68 0.00	34.03 -0.30 0.00	36.14 -0.39 0.00	31.15 0.26 0.00	33.08 0.56 0.00	36.67 0.54 0.00	40.02 0.27 0.00	37.79 0.15 0.00	46.77 0.03 0.00	45.36 -0.43 0.00	42.92 -0.59 0.00	41.75 -0.41 0.00	42.23 -0.46 0.00	41.79 -0.61 0.00	38.18 -0.73 0.00	27.77 -0.61 0.00
RUSSELL___2 23532	33.09 -0.09 0.00	28.93 -0.31 0.00	27.25 -0.33 0.00	18.09 -0.34 0.00	23.15 -0.36 0.00	24.81 -0.24 0.00	36.89 -0.44 0.00	51.25 -0.79 0.00	47.67 -0.68 0.00	34.03 -0.30 0.00	36.14 -0.39 0.00	31.15 0.26 0.00	33.08 0.56 0.00	36.67 0.54 0.00	40.02 0.27 0.00	37.79 0.15 0.00	46.77 0.03 0.00	45.36 -0.43 0.00	42.92 -0.59 0.00	41.75 -0.41 0.00	42.23 -0.46 0.00	41.79 -0.61 0.00	38.18 -0.73 0.00	27.77 -0.61 0.00
RUSSELL___3 23549	33.09 -0.09 0.00	28.93 -0.31 0.00	27.25 -0.33 0.00	18.09 -0.34 0.00	23.15 -0.36 0.00	24.81 -0.24 0.00	36.89 -0.44 0.00	51.25 -0.79 0.00	47.67 -0.68 0.00	34.03 -0.30 0.00	36.14 -0.39 0.00	31.15 0.26 0.00	33.08 0.56 0.00	36.67 0.54 0.00	40.02 0.27 0.00	37.79 0.15 0.00	46.77 0.03 0.00	45.36 -0.43 0.00	42.92 -0.59 0.00	41.75 -0.41 0.00	42.23 -0.46 0.00	41.79 -0.61 0.00	38.18 -0.73 0.00	27.77 -0.61 0.00
RUSSELL___4 23556	33.09 -0.09 0.00	28.93 -0.31 0.00	27.25 -0.33 0.00	18.09 -0.34 0.00	23.15 -0.36 0.00	24.81 -0.24 0.00	36.89 -0.44 0.00	51.25 -0.79 0.00	47.67 -0.68 0.00	34.03 -0.30 0.00	36.14 -0.39 0.00	31.15 0.26 0.00	33.08 0.56 0.00	36.67 0.54 0.00	40.02 0.27 0.00	37.79 0.15 0.00	46.77 0.03 0.00	45.36 -0.43 0.00	42.92 -0.59 0.00	41.75 -0.41 0.00	42.23 -0.46 0.00	41.79 -0.61 0.00	38.18 -0.73 0.00	27.77 -0.61 0.00
RUSSELL___STATION 23914	33.09 -0.09 0.00	28.93 -0.31 0.00	27.25 -0.33 0.00	18.09 -0.34 0.00	23.15 -0.36 0.00	24.81 -0.24 0.00	36.89 -0.44 0.00	51.25 -0.79 0.00	47.67 -0.68 0.00	34.03 -0.30 0.00	36.14 -0.39 0.00	31.15 0.26 0.00	33.08 0.56 0.00	36.67 0.54 0.00	40.02 0.27 0.00	37.79 0.15 0.00	46.77 0.03 0.00	45.36 -0.43 0.00	42.92 -0.59 0.00	41.75 -0.41 0.00	42.23 -0.46 0.00	41.79 -0.61 0.00	38.18 -0.73 0.00	27.77 -0.61 0.00
S SALMON___HYD 24043	32.68 -0.50 0.00	28.92 -0.33 0.00	27.28 -0.31 0.00	18.17 -0.26 0.00	23.24 -0.27 0.00	24.79 -0.26 0.00	36.95 -0.39 0.00	51.55 -0.50 0.00	47.38 -0.97 0.00	33.60 -0.73 0.00	36.07 -0.46 0.00	30.58 -0.31 0.00	32.12 -0.39 0.00	35.77 -0.36 0.00	39.43 -0.31 0.00	37.42 -0.22 0.00	46.23 -0.51 0.00	45.58 -0.20 0.00	43.24 -0.28 0.00	41.97 -0.20 0.00	42.45 -0.24 0.00	41.94 -0.47 0.00	38.31 -0.59 0.00	27.97 -0.41 0.00
S.PERRY__115KV_TB1 80734	33.98 0.80 0.00	29.65 0.40 0.00	27.87 0.28 0.00	18.51 0.09 0.00	23.68 0.16 0.00	25.29 0.25 0.00	37.76 0.43 0.00	52.26 0.21 0.00	48.43 0.08 0.00	34.03 -0.30 0.00	35.66 -0.86 0.00	31.02 0.13 0.00	33.01 0.49 0.00	36.93 0.80 0.00	40.35 0.61 0.00	38.23 0.59 0.00	47.46 0.72 0.00	45.85 0.07 0.00	43.59 0.08 0.00	42.37 0.20 0.00	42.81 0.12 0.00	42.23 -0.17 0.00	38.46 -0.45 0.00	27.98 -0.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.59 -0.59 0.00	28.33 -0.92 0.00	26.64 -0.94 0.00	17.55 -0.87 0.00	22.50 -1.01 0.00	24.14 -0.90 0.00	35.50 -1.83 0.00	48.84 -3.21 0.00	45.59 -2.75 0.00	32.96 -1.37 0.00	34.90 -1.63 0.00	30.54 -0.35 0.00	32.72 0.21 0.00	36.17 0.03 0.00	39.10 -0.64 0.00	36.69 -0.95 0.00	45.11 -1.63 0.00	43.11 -2.67 0.00	40.56 -2.96 0.00	39.59 -2.58 0.00	40.13 -2.56 0.00	39.78 -2.63 0.00	36.44 -2.47 0.00	26.59 -1.80 0.00

SAWYER___23_KV_LOAD 55526	32.59 -0.59 0.00	28.33 -0.92 0.00	26.64 -0.94 0.00	17.55 -0.87 0.00	22.50 -1.01 0.00	24.14 -0.90 0.00	35.50 -1.83 0.00	48.84 -3.21 0.00	45.59 -2.75 0.00	32.96 -1.37 0.00	34.90 -1.63 0.00	30.54 -0.35 0.00	32.72 0.21 0.00	36.17 0.03 0.00	39.10 -0.64 0.00	36.69 -0.95 0.00	45.11 -1.63 0.00	43.11 -2.67 0.00	40.56 -2.96 0.00	39.59 -2.58 0.00	40.13 -2.56 0.00	39.78 -2.63 0.00	36.44 -2.47 0.00	26.59 -1.80 0.00
SELKIRK___I 23801	33.73 0.56 0.00	29.83 0.58 0.00	28.11 0.53 0.00	18.81 0.39 0.00	22.59 0.49 1.42	25.27 0.50 0.27	37.93 0.59 0.00	52.28 0.84 0.60	48.95 0.66 0.05	26.23 0.41 8.51	31.75 0.34 5.12	31.17 0.28 0.00	32.53 0.02 0.00	36.22 0.09 0.00	39.72 -0.02 0.00	37.76 0.11 0.00	47.01 0.27 0.00	46.16 0.38 0.00	43.88 0.36 0.00	42.39 0.32 0.10	40.86 0.33 2.15	41.49 0.33 1.24	36.15 0.36 3.12	26.20 0.31 2.49
SELKIRK___II 23799	33.54 0.36 0.00	29.65 0.41 0.00	27.96 0.37 0.00	18.71 0.28 0.00	22.03 0.36 1.84	25.06 0.36 0.35	37.76 0.43 0.00	51.88 0.62 0.78	48.75 0.47 0.07	23.57 0.29 11.06	30.20 0.32 6.65	31.20 0.31 0.00	32.62 0.11 0.00	36.30 0.16 0.00	39.77 0.03 0.00	37.71 0.07 0.00	46.74 0.00 0.00	45.79 0.00 0.00	43.48 -0.04 0.00	42.00 -0.06 0.11	40.21 -0.09 2.40	40.96 -0.06 1.38	35.45 0.00 3.47	25.66 0.04 2.77
SENECA OSWGO___HYD 24041	32.39 -0.79 0.00	28.53 -0.71 0.00	26.91 -0.68 0.00	17.96 -0.46 0.00	22.92 -0.59 0.00	24.44 -0.60 0.00	36.50 -0.83 0.00	50.83 -1.22 0.00	47.01 -1.34 0.00	33.36 -0.97 0.00	35.60 -0.93 0.00	30.31 -0.58 0.00	31.96 -0.55 0.00	35.53 -0.60 0.00	38.97 -0.78 0.00	36.95 -0.69 0.00	45.78 -0.96 0.00	44.86 -0.92 0.00	42.60 -0.92 0.00	41.31 -0.86 0.00	41.79 -0.90 0.00	41.43 -0.97 0.00	37.97 -0.94 0.00	27.69 -0.69 0.00
SENECA___115KV_TB3 355854	32.86 -0.32 0.00	28.57 -0.68 0.00	26.87 -0.71 0.00	17.71 -0.71 0.00	22.68 -0.83 0.00	24.31 -0.74 0.00	35.83 -1.51 0.00	49.32 -2.72 0.00	46.03 -2.32 0.00	33.16 -1.17 0.00	35.09 -1.44 0.00	30.71 -0.18 0.00	32.92 0.40 0.00	36.45 0.32 0.00	39.46 -0.28 0.00	37.06 -0.58 0.00	45.57 -1.17 0.00	43.58 -2.20 0.00	41.05 -2.47 0.00	39.99 -2.18 0.00	40.54 -2.15 0.00	40.12 -2.29 0.00	36.70 -2.20 0.00	26.79 -1.59 0.00
SENECA___ENERGY 23797	33.09 -0.09 0.00	29.04 -0.21 0.00	27.38 -0.21 0.00	18.24 -0.19 0.00	23.31 -0.20 0.00	24.87 -0.18 0.00	37.11 -0.23 0.00	51.53 -0.52 0.00	47.67 -0.68 0.00	33.70 -0.63 0.00	35.78 -0.75 0.00	30.78 -0.11 0.00	32.63 0.11 0.00	36.35 0.22 0.00	39.80 0.05 0.00	37.69 0.05 0.00	46.58 -0.16 0.00	45.44 -0.34 0.00	43.09 -0.42 0.00	41.83 -0.34 0.00	42.28 -0.41 0.00	41.74 -0.66 0.00	38.18 -0.73 0.00	27.78 -0.60 0.00
SHOEMAKER___GT 23640	34.66 1.48 0.00	30.53 1.29 0.00	28.78 1.19 0.00	19.25 0.83 0.00	24.49 0.98 0.00	26.09 1.04 0.00	39.09 1.76 0.00	54.86 2.81 0.00	50.69 2.35 0.00	35.68 1.34 0.00	38.01 1.49 0.00	32.48 1.58 0.00	34.11 1.59 0.00	37.92 1.79 0.00	41.62 1.87 0.00	39.74 2.10 0.00	49.23 2.49 0.00	48.30 2.51 0.00	45.92 2.40 0.00	44.43 2.26 0.00	44.84 2.15 0.00	44.53 2.13 0.00	40.93 2.02 0.00	29.73 1.34 0.00
SHOEMAKR_138KV_BK 111 55601	34.65 1.47 0.00	30.52 1.27 0.00	28.77 1.18 0.00	19.24 0.82 0.00	24.48 0.97 0.00	26.08 1.03 0.00	39.06 1.73 0.00	54.84 2.79 0.00	50.68 2.34 0.00	35.67 1.33 0.00	38.02 1.50 0.00	32.50 1.61 0.00	34.14 1.62 0.00	37.94 1.81 0.00	41.63 1.88 0.00	39.74 2.10 0.00	49.23 2.49 0.00	48.28 2.50 0.00	45.91 2.39 0.00	44.41 2.24 0.00	44.82 2.14 0.00	44.52 2.11 0.00	40.91 2.00 0.00	29.72 1.34 0.00
SHOREHAM_IC_1 23715	34.51 1.33 0.00	30.38 1.13 0.00	28.58 0.99 0.00	19.12 0.70 0.00	24.14 0.63 0.00	23.13 0.78 2.69	32.36 1.29 6.26	44.49 2.28 9.83	48.54 2.31 2.13	27.59 0.99 7.74	38.22 1.69 0.00	32.75 1.86 0.00	34.23 1.72 0.00	37.04 1.55 0.64	36.46 1.78 5.07	35.30 2.31 4.66	43.74 3.31 6.30	47.61 3.29 1.46	45.84 3.19 0.86	42.58 2.01 1.60	37.89 1.85 6.65	38.95 2.27 5.72	36.19 2.18 4.90	28.53 1.76 1.62
SHOREHAM_IC_2 23716	34.51 1.33 0.00	30.38 1.13 0.00	28.58 0.99 0.00	19.12 0.70 0.00	24.14 0.63 0.00	23.13 0.77 2.69	32.36 1.29 6.26	44.47 2.25 9.83	48.54 2.32 2.13	27.59 0.99 7.74	38.22 1.70 0.00	32.75 1.86 0.00	34.23 1.72 0.00	37.04 1.55 0.64	36.46 1.78 5.07	35.30 2.32 4.66	43.74 3.31 6.30	47.62 3.29 1.46	45.83 3.18 0.86	42.58 2.01 1.60	37.89 1.85 6.65	38.95 2.27 5.72	36.18 2.18 4.90	28.53 1.77 1.62
SISSONVILLE____ 23735	33.89 0.71 0.00	29.88 0.63 0.00	28.21 0.62 0.00	18.82 0.39 0.00	24.08 0.57 0.00	25.69 0.65 0.00	38.12 0.78 0.00	53.19 1.14 0.00	49.10 0.75 0.00	35.09 0.76 0.00	37.63 1.11 0.00	31.58 0.69 0.00	34.44 0.38 -1.54	38.10 0.40 -1.57	40.54 0.80 0.00	38.14 0.50 0.00	47.01 0.28 0.00	46.09 0.31 0.00	44.11 0.60 0.00	42.85 0.68 0.00	43.73 1.04 0.00	43.49 1.09 0.00	39.82 0.92 0.00	29.09 0.71 0.00
SITHE_IND_GS1 24169	32.08 -1.10 0.00	28.26 -0.99 0.00	26.65 -0.94 0.00	17.80 -0.62 0.00	22.71 -0.80 0.00	24.20 -0.84 0.00	36.12 -1.21 0.00	50.27 -1.78 0.00	46.55 -1.80 0.00	33.04 -1.29 0.00	35.18 -1.35 0.00	29.93 -0.96 0.00	31.56 -0.96 0.00	35.08 -1.06 0.00	38.50 -1.24 0.00	36.49 -1.15 0.00	45.24 -1.50 0.00	44.30 -1.48 0.00	42.06 -1.45 0.00	40.78 -1.39 0.00	41.27 -1.42 0.00	40.94 -1.46 0.00	37.52 -1.39 0.00	27.37 -1.01 0.00
SITHE_IND_GS2 24170	32.08 -1.10 0.00	28.26 -0.99 0.00	26.65 -0.94 0.00	17.80 -0.62 0.00	22.71 -0.80 0.00	24.20 -0.84 0.00	36.12 -1.21 0.00	50.27 -1.78 0.00	46.55 -1.80 0.00	33.04 -1.29 0.00	35.18 -1.35 0.00	29.93 -0.96 0.00	31.56 -0.96 0.00	35.08 -1.06 0.00	38.50 -1.24 0.00	36.49 -1.15 0.00	45.24 -1.50 0.00	44.30 -1.48 0.00	42.06 -1.45 0.00	40.78 -1.39 0.00	41.27 -1.42 0.00	40.94 -1.46 0.00	37.52 -1.39 0.00	27.37 -1.01 0.00
SITHE_IND_GS3 24171	32.08 -1.10 0.00	28.26 -0.99 0.00	26.65 -0.94 0.00	17.80 -0.62 0.00	22.71 -0.80 0.00	24.20 -0.84 0.00	36.12 -1.21 0.00	50.27 -1.78 0.00	46.55 -1.80 0.00	33.04 -1.29 0.00	35.18 -1.35 0.00	29.93 -0.96 0.00	31.56 -0.96 0.00	35.08 -1.06 0.00	38.50 -1.24 0.00	36.49 -1.15 0.00	45.24 -1.50 0.00	44.30 -1.48 0.00	42.06 -1.45 0.00	40.78 -1.39 0.00	41.27 -1.42 0.00	40.94 -1.46 0.00	37.52 -1.39 0.00	27.37 -1.01 0.00
SITHE_IND_GS4 24172	32.08 -1.10 0.00	28.26 -0.99 0.00	26.65 -0.94 0.00	17.80 -0.62 0.00	22.71 -0.80 0.00	24.20 -0.84 0.00	36.12 -1.21 0.00	50.27 -1.78 0.00	46.55 -1.80 0.00	33.04 -1.29 0.00	35.18 -1.35 0.00	29.93 -0.96 0.00	31.56 -0.96 0.00	35.08 -1.06 0.00	38.50 -1.24 0.00	36.49 -1.15 0.00	45.24 -1.50 0.00	44.30 -1.48 0.00	42.06 -1.45 0.00	40.78 -1.39 0.00	41.27 -1.42 0.00	40.94 -1.46 0.00	37.52 -1.39 0.00	27.37 -1.01 0.00

SITHE___BATAVIA 24024	33.40 0.22 0.00	29.05 -0.19 0.00	27.33 -0.26 0.00	18.06 -0.37 0.00	23.12 -0.40 0.00	24.85 -0.20 0.00	36.75 -0.59 0.00	50.80 -1.25 0.00	47.38 -0.97 0.00	33.99 -0.35 0.00	35.94 -0.59 0.00	31.22 0.33 0.00	33.24 0.72 0.00	36.68 0.55 0.00	40.04 0.30 0.00	37.77 0.13 0.00	46.70 -0.04 0.00	44.94 -0.85 0.00	42.42 -1.09 0.00	41.37 -0.80 0.00	41.82 -0.87 0.00	41.41 -0.99 0.00	37.81 -1.10 0.00	27.50 -0.88 0.00
SITHE___INDEPEND 23800	32.07 -1.11 0.00	28.26 -0.99 0.00	26.65 -0.94 0.00	17.80 -0.62 0.00	22.71 -0.80 0.00	24.20 -0.84 0.00	36.12 -1.21 0.00	50.27 -1.78 0.00	46.55 -1.80 0.00	33.04 -1.29 0.00	35.18 -1.35 0.00	29.93 -0.97 0.00	31.56 -0.96 0.00	35.08 -1.05 0.00	38.50 -1.24 0.00	36.49 -1.15 0.00	45.24 -1.50 0.00	44.30 -1.48 0.00	42.06 -1.45 0.00	40.78 -1.39 0.00	41.27 -1.42 0.00	40.94 -1.46 0.00	37.52 -1.39 0.00	27.37 -1.02 0.00
SITHE___MASSENA 23902	33.64 0.46 0.00	29.59 0.34 0.00	27.94 0.35 0.00	18.65 0.22 0.00	23.83 0.32 0.00	25.43 0.38 0.00	37.88 0.55 0.00	52.80 0.75 0.00	49.09 0.74 0.00	35.03 0.70 0.00	37.29 0.76 0.00	31.31 0.41 0.00	32.82 0.30 0.00	32.22 0.27 4.18	40.33 0.58 0.00	37.99 0.35 0.00	47.13 0.39 0.00	46.09 0.30 0.00	44.00 0.49 0.00	42.67 0.51 0.00	43.33 0.64 0.00	43.05 0.64 0.00	39.51 0.60 0.00	28.85 0.47 0.00
SITHE___OGDNSBRG 24021	34.28 1.10 0.00	30.17 0.93 0.00	28.48 0.90 0.00	19.01 0.59 0.00	24.32 0.81 0.00	25.99 0.95 0.00	38.71 1.38 0.00	54.00 1.96 0.00	49.91 1.57 0.00	35.63 1.30 0.00	38.04 1.52 0.00	31.94 1.05 0.00	34.22 0.69 -1.01	37.88 0.72 -1.03	40.69 0.95 0.00	38.29 0.64 0.00	47.33 0.59 0.00	46.68 0.90 0.00	44.90 1.38 0.00	43.62 1.46 0.00	44.35 1.66 0.00	44.00 1.60 0.00	40.27 1.36 0.00	29.39 1.00 0.00
SITHE___STERLING 23777	33.94 0.76 0.00	29.96 0.71 0.00	28.24 0.65 0.00	18.86 0.44 0.00	24.12 0.61 0.00	25.76 0.71 0.00	38.50 1.16 0.00	53.72 1.68 0.00	49.53 1.18 0.00	35.07 0.73 0.00	37.30 0.77 0.00	31.50 0.61 0.00	33.28 0.76 0.00	37.23 1.10 0.00	41.06 1.32 0.00	38.87 1.23 0.00	48.36 1.62 0.00	47.53 1.74 0.00	44.94 1.42 0.00	43.53 1.36 0.00	43.89 1.20 0.00	43.42 1.02 0.00	39.68 0.77 0.00	28.90 0.52 0.00
SLEIGHT__34_KV_TB1 80719	32.78 -0.40 0.00	28.72 -0.53 0.00	27.07 -0.52 0.00	18.01 -0.41 0.00	23.03 -0.48 0.00	24.65 -0.40 0.00	36.75 -0.59 0.00	51.09 -0.95 0.00	47.38 -0.96 0.00	33.66 -0.67 0.00	35.69 -0.84 0.00	30.70 -0.19 0.00	32.56 0.04 0.00	36.18 0.05 0.00	39.54 -0.21 0.00	37.42 -0.22 0.00	46.34 -0.40 0.00	45.13 -0.66 0.00	42.77 -0.75 0.00	41.54 -0.63 0.00	42.02 -0.66 0.00	41.61 -0.80 0.00	38.01 -0.90 0.00	27.66 -0.73 0.00
SMITHTWN_69_KV_BK 1 55830	34.72 1.54 0.00	30.56 1.31 0.00	28.75 1.16 0.00	19.23 0.81 0.00	24.27 0.76 0.00	24.59 0.81 1.27	35.76 1.37 2.95	49.80 2.38 4.63	49.55 2.20 1.00	29.31 1.05 6.07	38.38 1.85 0.00	32.92 2.03 0.00	34.42 1.91 0.00	37.58 1.76 0.31	39.32 1.96 2.39	37.84 2.39 2.19	46.93 3.16 2.97	48.30 3.21 0.69	46.18 3.07 0.40	44.01 2.60 0.75	41.85 2.30 3.13	42.09 2.38 2.70	38.88 2.28 2.31	29.36 1.74 0.76
SOUTH CAIRO___GT 23612	34.20 1.02 0.00	30.23 0.99 0.00	28.47 0.88 0.00	19.06 0.63 0.00	23.35 1.08 1.24	26.21 1.40 0.24	39.41 2.07 0.00	54.76 3.24 0.53	51.24 2.94 0.05	28.52 1.63 7.45	33.25 1.20 4.48	31.68 0.79 0.00	32.94 0.42 0.00	36.67 0.54 0.00	40.24 0.50 0.00	38.65 1.01 0.00	47.56 0.82 0.00	46.96 1.18 0.00	44.93 1.42 0.00	43.41 1.34 0.10	41.90 1.36 2.15	42.35 1.18 1.24	36.87 1.07 3.11	26.66 0.76 2.48
SOUTH HAMPTN___IC 23720	34.38 1.20 0.00	30.25 1.01 0.00	28.47 0.88 0.00	19.04 0.62 0.00	24.07 0.55 0.00	22.88 0.68 2.85	31.91 1.20 6.62	43.83 2.18 10.40	49.20 3.10 2.25	27.97 1.57 7.93	38.81 2.28 0.00	33.27 2.38 0.00	34.77 2.25 0.00	37.62 2.17 0.68	36.83 2.44 5.35	35.66 2.94 4.92	44.17 4.10 6.67	48.33 4.09 1.55	46.56 3.96 0.91	43.74 3.26 1.69	37.80 2.14 7.03	38.47 2.12 6.05	35.78 2.06 5.18	28.48 1.80 1.71
SOUTHDOW_115KV_TB1 355954	33.27 0.09 0.00	29.38 0.14 0.00	27.32 -0.27 0.00	17.92 -0.51 0.00	23.14 -0.37 0.00	24.65 -0.40 0.00	36.49 -0.84 0.00	50.66 -1.38 0.00	47.09 -1.26 0.00	33.79 -0.54 0.00	35.98 -0.55 0.00	31.61 0.72 0.00	33.75 1.24 0.00	37.04 0.91 0.00	39.86 0.11 0.00	37.02 -0.62 0.00	45.41 -1.33 0.00	43.52 -2.27 0.00	41.18 -2.34 0.00	40.24 -1.93 0.00	40.75 -1.94 0.00	40.41 -2.00 0.00	37.27 -1.64 0.00	27.66 -0.73 0.00
SOUTHOLD_69_KV_BK 2 55809	34.00 0.82 0.00	29.87 0.62 0.00	28.12 0.53 0.00	18.81 0.38 0.00	23.77 0.25 0.00	22.57 0.37 2.84	31.51 0.79 6.61	43.28 1.62 10.39	49.75 3.65 2.25	28.39 1.98 7.93	39.19 2.66 0.00	33.61 2.72 0.00	35.12 2.60 0.00	38.02 2.57 0.68	37.29 2.90 5.35	36.10 3.38 4.92	44.77 4.70 6.66	48.97 4.73 1.54	47.17 4.57 0.91	44.21 3.72 1.69	37.37 1.71 7.02	37.97 1.61 6.05	35.36 1.63 5.18	28.35 1.68 1.71
SOUTHOLD___IC 23719	34.00 0.82 0.00	29.87 0.62 0.00	28.12 0.53 0.00	18.81 0.38 0.00	23.77 0.26 0.00	22.58 0.37 2.84	31.51 0.79 6.61	43.30 1.64 10.39	49.75 3.65 2.25	28.38 1.97 7.93	39.19 2.67 0.00	33.61 2.72 0.00	35.12 2.60 0.00	38.02 2.57 0.68	37.29 2.89 5.35	36.10 3.38 4.92	44.78 4.71 6.66	48.97 4.73 1.54	47.17 4.57 0.91	44.20 3.72 1.69	37.37 1.71 7.02	37.97 1.61 6.05	35.37 1.64 5.18	28.35 1.68 1.71
SOUTH_FORK_WT_PWR 323839	33.44 0.26 0.00	29.35 0.11 0.00	27.64 0.06 0.00	18.49 0.06 0.00	23.36 -0.15 0.00	22.16 -0.05 2.84	30.89 0.18 6.62	42.43 0.78 10.40	49.89 3.79 2.25	28.49 2.08 7.93	39.31 2.78 0.00	33.71 2.81 0.00	35.22 2.70 0.00	38.13 2.68 0.68	37.43 3.03 5.35	36.22 3.50 4.92	44.94 4.87 6.66	49.12 4.89 1.55	47.33 4.73 0.91	44.38 3.90 1.69	36.87 1.21 7.03	37.25 0.89 6.05	34.76 1.03 5.18	28.09 1.41 1.71
SPIERFLS_115KV_TB 1 80737	34.30 1.12 0.00	30.32 1.07 0.00	28.58 0.99 0.00	19.13 0.71 0.00	26.45 0.96 -1.98	26.40 0.98 -0.38	38.86 1.52 0.00	55.16 2.28 -0.84	50.43 2.01 -0.07	47.54 1.40 -11.81	45.05 1.43 -7.10	31.93 1.04 0.00	33.11 0.59 0.00	36.72 0.60 0.00	40.29 0.54 0.00	38.36 0.72 0.00	48.27 1.53 0.00	47.82 2.04 0.00	45.56 2.04 0.00	44.21 1.92 -0.12	47.08 1.84 -2.56	45.58 1.70 -1.48	44.14 1.53 -3.71	32.44 1.10 -2.96
ST LAWRENCE____ 23600	33.27 0.09 0.00	29.25 0.00 0.00	27.62 0.04 0.00	18.44 0.02 0.00	23.55 0.04 0.00	25.12 0.08 0.00	37.43 0.10 0.00	52.17 0.12 0.00	48.56 0.21 0.00	34.62 0.28 0.00	36.83 0.30 0.00	30.92 0.03 0.00	32.46 -0.06 0.00	31.84 -0.11 4.18	39.89 0.14 0.00	37.60 -0.04 0.00	46.68 -0.06 0.00	45.61 -0.17 0.00	43.50 -0.01 0.00	42.18 0.01 0.00	42.80 0.11 0.00	42.53 0.12 0.00	39.06 0.15 0.00	28.52 0.14 0.00

STATE_CA_115KV_115_LB 55624	33.51 0.33 0.00	29.63 0.39 0.00	27.93 0.34 0.00	18.71 0.28 0.00	21.11 0.35 2.75	24.89 0.38 0.53	37.74 0.40 0.00	51.40 0.52 1.17	48.68 0.44 0.10	18.17 0.34 16.50	26.99 0.39 9.93	31.23 0.34 0.00	32.56 0.04 0.00	36.26 0.12 0.00	39.71 -0.03 0.00	37.69 0.05 0.00	46.93 0.19 0.00	46.12 0.34 0.00	43.86 0.34 0.00	42.29 0.29 0.16	39.44 0.26 3.51	40.60 0.22 2.02	34.09 0.26 5.07	24.58 0.25 4.05
STATE_ST_34_KV_LOAD 55959	33.28 0.10 0.00	29.20 -0.05 0.00	27.61 0.03 0.00	18.42 0.00 0.00	23.54 0.02 0.00	25.10 0.05 0.00	37.36 0.03 0.00	51.96 -0.08 0.00	48.02 -0.32 0.00	33.89 -0.44 0.00	35.93 -0.60 0.00	30.76 -0.13 0.00	32.60 0.09 0.00	36.29 0.15 0.00	39.85 0.11 0.00	37.78 0.13 0.00	46.81 0.08 0.00	45.78 0.00 0.00	43.47 -0.04 0.00	42.17 0.00 0.00	42.76 0.07 0.00	42.41 0.00 0.00	38.80 -0.11 0.00	28.25 -0.13 0.00
STATION_5_MISC_HYD 23604	32.99 -0.19 0.00	28.85 -0.40 0.00	27.17 -0.42 0.00	18.03 -0.39 0.00	23.08 -0.43 0.00	24.72 -0.32 0.00	36.76 -0.58 0.00	51.03 -1.02 0.00	47.47 -0.88 0.00	33.88 -0.45 0.00	35.99 -0.53 0.00	31.01 0.12 0.00	32.95 0.43 0.00	36.53 0.40 0.00	39.85 0.10 0.00	37.63 -0.01 0.00	46.54 -0.19 0.00	45.13 -0.65 0.00	42.70 -0.81 0.00	41.54 -0.63 0.00	42.02 -0.67 0.00	41.58 -0.82 0.00	38.00 -0.91 0.00	27.66 -0.72 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.97 -0.21 0.00	28.90 -0.35 0.00	27.23 -0.36 0.00	18.11 -0.31 0.00	23.17 -0.34 0.00	24.77 -0.28 0.00	36.93 -0.40 0.00	51.30 -0.74 0.00	47.59 -0.76 0.00	33.81 -0.53 0.00	35.88 -0.65 0.00	30.87 -0.03 0.00	32.72 0.20 0.00	36.37 0.24 0.00	39.77 0.02 0.00	37.63 -0.01 0.00	46.55 -0.18 0.00	45.31 -0.48 0.00	42.93 -0.58 0.00	41.73 -0.44 0.00	42.20 -0.49 0.00	41.77 -0.63 0.00	38.18 -0.73 0.00	27.78 -0.60 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.76 -0.41 0.00	28.67 -0.58 0.00	27.00 -0.59 0.00	17.93 -0.49 0.00	22.94 -0.57 0.00	24.57 -0.47 0.00	36.54 -0.80 0.00	50.74 -1.31 0.00	47.17 -1.18 0.00	33.66 -0.67 0.00	35.77 -0.76 0.00	30.80 -0.10 0.00	32.69 0.17 0.00	36.26 0.13 0.00	39.57 -0.18 0.00	37.38 -0.27 0.00	46.25 -0.49 0.00	44.87 -0.91 0.00	42.46 -1.05 0.00	41.29 -0.88 0.00	41.77 -0.92 0.00	41.34 -1.06 0.00	37.79 -1.12 0.00	27.50 -0.88 0.00
STA_56___34_KV_BUS2 355983	32.76 -0.41 0.00	28.67 -0.58 0.00	27.00 -0.59 0.00	17.93 -0.49 0.00	22.94 -0.57 0.00	24.57 -0.47 0.00	36.54 -0.80 0.00	50.74 -1.31 0.00	47.17 -1.18 0.00	33.66 -0.67 0.00	35.77 -0.76 0.00	30.80 -0.10 0.00	32.69 0.17 0.00	36.26 0.13 0.00	39.57 -0.18 0.00	37.38 -0.27 0.00	46.25 -0.49 0.00	44.87 -0.91 0.00	42.46 -1.05 0.00	41.29 -0.88 0.00	41.77 -0.92 0.00	41.34 -1.06 0.00	37.79 -1.12 0.00	27.50 -0.88 0.00
STA_67___115KV_BK2 355882	32.93 -0.25 0.00	28.80 -0.45 0.00	27.12 -0.46 0.00	18.00 -0.42 0.00	23.04 -0.47 0.00	24.68 -0.37 0.00	36.68 -0.66 0.00	50.93 -1.12 0.00	47.35 -1.00 0.00	33.81 -0.52 0.00	35.91 -0.62 0.00	30.95 0.06 0.00	32.87 0.35 0.00	36.44 0.30 0.00	39.76 0.01 0.00	37.53 -0.11 0.00	46.43 -0.30 0.00	45.03 -0.76 0.00	42.59 -0.92 0.00	41.43 -0.73 0.00	41.92 -0.77 0.00	41.49 -0.91 0.00	37.94 -0.97 0.00	27.60 -0.78 0.00
STA_7___115KV_9TRANS 80674	33.09 -0.09 0.00	28.93 -0.31 0.00	27.25 -0.33 0.00	18.09 -0.34 0.00	23.15 -0.36 0.00	24.81 -0.24 0.00	36.89 -0.44 0.00	51.25 -0.79 0.00	47.67 -0.68 0.00	34.03 -0.30 0.00	36.14 -0.39 0.00	31.15 0.26 0.00	33.08 0.56 0.00	36.67 0.54 0.00	40.02 0.27 0.00	37.79 0.15 0.00	46.77 0.03 0.00	45.36 -0.43 0.00	42.92 -0.59 0.00	41.75 -0.41 0.00	42.23 -0.46 0.00	41.79 -0.61 0.00	38.18 -0.73 0.00	27.77 -0.61 0.00
STA_82___115KV_TB1 80780	32.94 -0.24 0.00	28.80 -0.44 0.00	27.13 -0.45 0.00	18.01 -0.42 0.00	23.04 -0.47 0.00	24.68 -0.36 0.00	36.69 -0.64 0.00	50.94 -1.11 0.00	47.37 -0.98 0.00	33.82 -0.51 0.00	35.92 -0.61 0.00	30.95 0.06 0.00	32.88 0.36 0.00	36.46 0.33 0.00	39.77 0.02 0.00	37.55 -0.09 0.00	46.45 -0.29 0.00	45.04 -0.74 0.00	42.61 -0.90 0.00	41.45 -0.72 0.00	41.93 -0.76 0.00	41.50 -0.90 0.00	37.94 -0.97 0.00	27.61 -0.77 0.00
STEEL___WIND 323596	32.83 -0.35 0.00	28.52 -0.73 0.00	26.84 -0.74 0.00	17.69 -0.73 0.00	22.63 -0.88 0.00	24.26 -0.78 0.00	35.75 -1.58 0.00	49.21 -2.84 0.00	45.90 -2.45 0.00	33.09 -1.24 0.00	35.01 -1.52 0.00	30.64 -0.25 0.00	32.85 0.33 0.00	36.36 0.23 0.00	39.37 -0.38 0.00	36.97 -0.66 0.00	45.47 -1.27 0.00	43.48 -2.30 0.00	40.96 -2.55 0.00	39.91 -2.26 0.00	40.46 -2.23 0.00	40.03 -2.37 0.00	36.63 -2.27 0.00	26.73 -1.65 0.00
STEPHTWN_115KV_BK_2 55603	33.63 0.45 0.00	29.69 0.45 0.00	28.01 0.42 0.00	18.77 0.35 0.00	21.19 0.45 2.77	25.00 0.49 0.53	38.06 0.73 0.00	51.96 1.09 1.18	49.11 0.87 0.10	18.27 0.54 16.61	27.08 0.54 9.99	31.29 0.40 0.00	32.76 0.24 0.00	36.52 0.39 0.00	39.88 0.14 0.00	38.04 0.40 0.00	47.36 0.62 0.00	46.37 0.59 0.00	44.02 0.50 0.00	42.47 0.47 0.17	39.57 0.39 3.51	40.75 0.38 2.03	34.27 0.44 5.08	24.69 0.36 4.06
STEUBEN_REC_LFGE 323667	32.93 -0.25 0.00	28.64 -0.60 0.00	26.84 -0.75 0.00	17.94 -0.48 0.00	22.91 -0.60 0.00	24.12 -0.93 0.00	35.86 -1.48 0.00	49.14 -2.91 0.00	45.37 -2.97 0.00	31.77 -2.56 0.00	33.17 -3.36 0.00	28.89 -2.00 0.00	30.96 -1.55 0.00	34.82 -1.31 0.00	38.30 -1.45 0.00	36.22 -1.42 0.00	44.39 -2.34 0.00	42.72 -3.07 0.00	40.54 -2.98 0.00	39.20 -2.96 0.00	39.48 -3.21 0.00	39.07 -3.34 0.00	35.65 -3.25 0.00	26.03 -2.35 0.00
STILLWATER___SOLAR 323814	34.45 1.27 0.00	30.43 1.18 0.00	28.69 1.10 0.00	19.19 0.77 0.00	27.23 1.02 -2.71	26.64 1.08 -0.52	38.93 1.59 0.00	55.51 2.32 -1.15	50.49 2.04 -0.10	51.88 1.41 -16.14	47.67 1.44 -9.71	32.06 1.17 0.00	33.33 0.81 0.00	37.01 0.88 0.00	40.53 0.78 0.00	38.48 0.84 0.00	48.29 1.55 0.00	47.72 1.94 0.00	45.45 1.94 0.00	44.18 1.85 -0.16	47.99 1.81 -3.50	46.15 1.73 -2.02	45.55 1.58 -5.06	33.57 1.15 -4.04
STONY___BROOK 24151	34.66 1.48 0.00	30.51 1.27 0.00	28.70 1.11 0.00	19.20 0.78 0.00	24.24 0.73 0.00	23.77 0.78 2.06	33.85 1.30 4.78	46.83 2.29 7.51	48.84 2.11 1.62	28.34 1.00 6.99	38.32 1.79 0.00	32.88 1.99 0.00	34.37 1.85 0.00	37.35 1.71 0.49	37.78 1.90 3.87	36.44 2.36 3.55	45.06 3.14 4.81	47.81 3.14 1.12	45.86 2.99 0.65	43.44 2.49 1.22	39.78 2.17 5.08	40.35 2.31 4.37	37.40 2.24 3.75	28.89 1.74 1.23
STURGEON_POOL_HYD 23609	34.62 1.44 0.00	30.52 1.27 0.00	28.75 1.17 0.00	19.24 0.82 0.00	24.12 0.96 0.34	25.95 0.97 0.07	38.92 1.59 0.00	54.55 2.65 0.14	50.61 2.28 0.01	33.60 1.36 2.09	36.90 1.63 1.26	32.34 1.45 0.00	33.97 1.46 0.00	37.74 1.61 0.00	41.43 1.69 0.00	39.49 1.85 0.00	49.04 2.30 0.00	48.11 2.33 0.00	45.73 2.22 0.00	44.23 2.09 0.03	44.14 2.03 0.57	44.40 2.32 0.33	40.30 2.22 0.83	29.19 1.47 0.66

ST_LAW_115_BK7_LBMP 345037	33.27 0.09 0.00	29.26 0.02 0.00	27.64 0.05 0.00	18.45 0.03 0.00	23.56 0.05 0.00	25.14 0.10 0.00	37.46 0.13 0.00	52.21 0.17 0.00	48.59 0.24 0.00	34.65 0.32 0.00	36.87 0.35 0.00	30.94 0.05 0.00	32.47 -0.05 0.00	31.85 -0.11 4.18	39.90 0.16 0.00	37.62 -0.02 0.00	46.68 -0.05 0.00	45.63 -0.15 0.00	43.53 0.01 0.00	42.20 0.03 0.00	42.84 0.15 0.00	42.57 0.16 0.00	39.09 0.18 0.00	28.55 0.16 0.00
ST_LAW_115_BK8_LBMP 345038	33.27 0.09 0.00	29.26 0.02 0.00	27.64 0.05 0.00	18.45 0.03 0.00	23.56 0.05 0.00	25.14 0.10 0.00	37.46 0.13 0.00	52.21 0.17 0.00	48.59 0.24 0.00	34.65 0.32 0.00	36.87 0.35 0.00	30.94 0.05 0.00	32.47 -0.05 0.00	31.85 -0.11 4.18	39.90 0.16 0.00	37.62 -0.02 0.00	46.68 -0.05 0.00	45.63 -0.15 0.00	43.53 0.01 0.00	42.20 0.03 0.00	42.84 0.15 0.00	42.57 0.16 0.00	39.09 0.18 0.00	28.55 0.16 0.00
ST_LAW_230_BK5_LBMP 345035	33.27 0.09 0.00	29.25 0.00 0.00	27.62 0.04 0.00	18.44 0.02 0.00	23.55 0.04 0.00	25.12 0.08 0.00	37.43 0.10 0.00	52.17 0.12 0.00	48.56 0.21 0.00	34.62 0.28 0.00	36.83 0.30 0.00	30.92 0.03 0.00	32.46 -0.06 0.00	31.84 -0.11 4.18	39.89 0.14 0.00	37.60 -0.04 0.00	46.68 -0.06 0.00	45.61 -0.17 0.00	43.50 -0.01 0.00	42.18 0.01 0.00	42.80 0.11 0.00	42.53 0.12 0.00	39.06 0.15 0.00	28.52 0.14 0.00
ST_LAW_230_BK6_LBMP 345036	33.27 0.09 0.00	29.25 0.00 0.00	27.62 0.04 0.00	18.44 0.02 0.00	23.55 0.04 0.00	25.12 0.08 0.00	37.43 0.10 0.00	52.17 0.12 0.00	48.56 0.21 0.00	34.62 0.28 0.00	36.83 0.30 0.00	30.92 0.03 0.00	32.46 -0.06 0.00	31.84 -0.11 4.18	39.89 0.14 0.00	37.60 -0.04 0.00	46.68 -0.06 0.00	45.61 -0.17 0.00	43.50 -0.01 0.00	42.18 0.01 0.00	42.80 0.11 0.00	42.53 0.12 0.00	39.06 0.15 0.00	28.52 0.14 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.72 1.54 0.00	30.57 1.33 0.00	28.82 1.23 0.00	19.28 0.86 0.00	24.53 1.02 0.00	26.14 1.09 0.00	39.18 1.85 0.00	55.03 2.99 0.00	50.88 2.53 0.00	35.78 1.45 0.00	38.22 1.69 0.00	32.70 1.81 0.00	34.35 1.83 0.00	38.18 2.05 0.00	41.89 2.15 0.00	39.97 2.33 0.00	49.48 2.75 0.00	48.53 2.75 0.00	46.16 2.64 0.00	44.63 2.46 0.00	45.04 2.35 0.00	44.74 2.33 0.00	41.11 2.20 0.00	29.86 1.47 0.00
SWANROAD_115KV_TB1 355699	32.21 -0.97 0.00	27.95 -1.30 0.00	26.29 -1.29 0.00	17.32 -1.10 0.00	22.14 -1.37 0.00	23.78 -1.27 0.00	34.83 -2.51 0.00	47.77 -4.27 0.00	44.69 -3.66 0.00	32.46 -1.87 0.00	34.33 -2.20 0.00	30.05 -0.84 0.00	32.21 -0.30 0.00	35.56 -0.57 0.00	38.42 -1.33 0.00	36.09 -1.55 0.00	44.30 -2.44 0.00	42.23 -3.55 0.00	39.68 -3.83 0.00	38.77 -3.40 0.00	39.29 -3.40 0.00	39.07 -3.34 0.00	35.80 -3.11 0.00	26.09 -2.29 0.00
SYNERGY___BIOGAS 323694	33.40 0.22 0.00	29.05 -0.20 0.00	27.33 -0.26 0.00	18.05 -0.37 0.00	23.12 -0.40 0.00	24.85 -0.20 0.00	36.75 -0.59 0.00	50.82 -1.23 0.00	47.39 -0.96 0.00	33.99 -0.34 0.00	35.94 -0.59 0.00	31.23 0.34 0.00	33.23 0.72 0.00	36.68 0.55 0.00	40.05 0.30 0.00	37.78 0.13 0.00	46.70 -0.03 0.00	44.95 -0.83 0.00	42.43 -1.08 0.00	41.37 -0.79 0.00	41.82 -0.87 0.00	41.42 -0.99 0.00	37.83 -1.08 0.00	27.50 -0.88 0.00
SYRACUSE___ENERGY_ST1 323597	32.89 -0.29 0.00	28.96 -0.29 0.00	27.31 -0.27 0.00	18.23 -0.19 0.00	23.28 -0.23 0.00	24.79 -0.25 0.00	37.03 -0.30 0.00	51.55 -0.49 0.00	47.67 -0.68 0.00	33.75 -0.58 0.00	35.90 -0.63 0.00	30.64 -0.25 0.00	32.37 -0.15 0.00	36.00 -0.13 0.00	39.50 -0.25 0.00	37.45 -0.19 0.00	46.42 -0.31 0.00	45.46 -0.33 0.00	43.15 -0.37 0.00	41.84 -0.32 0.00	42.34 -0.35 0.00	41.98 -0.42 0.00	38.44 -0.47 0.00	28.01 -0.37 0.00
SYRACUSE___ENERGY_ST2 323598	32.89 -0.29 0.00	28.96 -0.29 0.00	27.31 -0.27 0.00	18.23 -0.19 0.00	23.28 -0.23 0.00	24.79 -0.25 0.00	37.03 -0.30 0.00	51.55 -0.49 0.00	47.67 -0.68 0.00	33.75 -0.58 0.00	35.90 -0.63 0.00	30.64 -0.25 0.00	32.37 -0.15 0.00	36.00 -0.13 0.00	39.50 -0.25 0.00	37.45 -0.19 0.00	46.42 -0.31 0.00	45.46 -0.33 0.00	43.15 -0.37 0.00	41.84 -0.32 0.00	42.34 -0.35 0.00	41.98 -0.42 0.00	38.44 -0.47 0.00	28.01 -0.37 0.00
SYRACUSE___POWER 24017	32.91 -0.27 0.00	28.98 -0.27 0.00	27.33 -0.26 0.00	18.23 -0.19 0.00	23.29 -0.22 0.00	24.81 -0.23 0.00	37.09 -0.25 0.00	51.66 -0.39 0.00	47.78 -0.57 0.00	33.84 -0.50 0.00	35.97 -0.56 0.00	30.71 -0.18 0.00	32.42 -0.10 0.00	36.10 -0.03 0.00	39.62 -0.13 0.00	37.54 -0.10 0.00	46.53 -0.20 0.00	45.56 -0.23 0.00	43.23 -0.28 0.00	41.93 -0.24 0.00	42.42 -0.27 0.00	42.04 -0.36 0.00	38.49 -0.42 0.00	28.04 -0.35 0.00
TALLMAN__138KV_BK151 55660	34.79 1.61 0.00	30.62 1.37 0.00	28.87 1.28 0.00	19.32 0.90 0.00	24.57 1.06 0.00	26.19 1.15 0.00	39.29 1.96 0.00	55.21 3.16 0.00	51.04 2.69 0.00	35.88 1.55 0.00	38.39 1.86 0.00	32.88 1.99 0.00	34.58 2.06 0.00	38.45 2.32 0.00	42.17 2.43 0.00	40.23 2.59 0.00	49.77 3.03 0.00	48.82 3.03 0.00	46.43 2.92 0.00	44.88 2.71 0.00	45.27 2.58 0.00	44.97 2.57 0.00	41.33 2.42 0.00	30.01 1.63 0.00
TEALLAVE_115KV_TB7 355573	32.71 -0.47 0.00	28.81 -0.44 0.00	27.16 -0.43 0.00	18.13 -0.29 0.00	23.16 -0.36 0.00	24.67 -0.37 0.00	36.86 -0.48 0.00	51.34 -0.70 0.00	47.49 -0.86 0.00	33.67 -0.66 0.00	35.84 -0.69 0.00	30.58 -0.31 0.00	32.28 -0.24 0.00	35.92 -0.21 0.00	39.40 -0.34 0.00	37.34 -0.31 0.00	46.27 -0.47 0.00	45.29 -0.50 0.00	42.95 -0.57 0.00	41.65 -0.51 0.00	42.13 -0.56 0.00	41.77 -0.63 0.00	38.25 -0.66 0.00	27.87 -0.52 0.00
TELGRAPH_34_KV_EAST 80808	32.84 -0.34 0.00	28.53 -0.72 0.00	26.83 -0.76 0.00	17.70 -0.72 0.00	22.66 -0.85 0.00	24.34 -0.71 0.00	35.82 -1.52 0.00	49.33 -2.72 0.00	46.09 -2.26 0.00	33.27 -1.06 0.00	35.19 -1.33 0.00	30.70 -0.19 0.00	32.83 0.31 0.00	36.27 0.14 0.00	39.30 -0.45 0.00	36.99 -0.65 0.00	45.56 -1.18 0.00	43.63 -2.16 0.00	41.08 -2.43 0.00	40.11 -2.06 0.00	40.59 -2.09 0.00	40.28 -2.13 0.00	36.84 -2.07 0.00	26.82 -1.56 0.00
TEMPLE___115KV_TB 2 55572	32.72 -0.46 0.00	28.81 -0.43 0.00	27.16 -0.42 0.00	18.13 -0.29 0.00	23.16 -0.35 0.00	24.67 -0.37 0.00	36.87 -0.46 0.00	51.35 -0.70 0.00	47.50 -0.85 0.00	33.67 -0.66 0.00	35.84 -0.68 0.00	30.59 -0.30 0.00	32.30 -0.22 0.00	35.93 -0.20 0.00	39.41 -0.33 0.00	37.34 -0.30 0.00	46.28 -0.45 0.00	45.29 -0.49 0.00	42.95 -0.56 0.00	41.67 -0.50 0.00	42.14 -0.55 0.00	41.77 -0.63 0.00	38.26 -0.65 0.00	27.87 -0.51 0.00
TIANA____69_KV_BK 1 55817	34.49 1.31 0.00	30.36 1.11 0.00	28.57 0.98 0.00	19.12 0.69 0.00	24.15 0.64 0.00	22.97 0.77 2.84	32.03 1.31 6.61	43.97 2.32 10.39	49.01 2.91 2.25	27.85 1.44 7.93	38.67 2.15 0.00	33.15 2.26 0.00	34.65 2.14 0.00	37.49 2.04 0.68	36.69 2.30 5.35	35.52 2.80 4.92	43.98 3.90 6.66	48.14 3.90 1.54	46.37 3.76 0.91	43.57 3.09 1.69	37.90 2.24 7.02	38.62 2.26 6.05	35.90 2.17 5.18	28.50 1.83 1.71

TILDEN___115KV_TB1 80814	32.91 -0.27 0.00	28.98 -0.27 0.00	27.33 -0.26 0.00	18.23 -0.19 0.00	23.29 -0.22 0.00	24.81 -0.23 0.00	37.09 -0.25 0.00	51.66 -0.39 0.00	47.78 -0.57 0.00	33.84 -0.50 0.00	35.97 -0.56 0.00	30.71 -0.18 0.00	32.42 -0.10 0.00	36.10 -0.03 0.00	39.62 -0.13 0.00	37.54 -0.10 0.00	46.53 -0.20 0.00	45.56 -0.23 0.00	43.23 -0.28 0.00	41.93 -0.24 0.00	42.42 -0.27 0.00	42.04 -0.36 0.00	38.49 -0.42 0.00	28.04 -0.35 0.00
TRIGEN___CC 323695	34.89 1.71 0.00	30.71 1.47 0.00	28.90 1.31 0.00	19.33 0.91 0.00	24.49 0.98 0.00	26.07 1.03 0.00	39.06 1.72 0.00	54.97 2.92 0.00	50.86 2.52 0.00	34.88 1.38 0.83	38.61 2.09 0.00	33.08 2.19 0.00	34.68 2.16 0.00	38.34 2.21 0.00	42.13 2.39 0.00	40.27 2.63 0.00	49.86 3.12 0.00	48.96 3.18 0.00	46.60 3.07 -0.02	44.94 2.77 0.00	45.25 2.57 0.00	44.99 2.58 0.00	41.35 2.44 0.00	30.09 1.70 0.00
TRINITY__115KV__4 BK 55933	33.31 0.13 0.00	29.45 0.21 0.00	27.76 0.18 0.00	18.59 0.17 0.00	20.97 0.21 2.75	24.74 0.23 0.53	37.48 0.15 0.00	51.03 0.16 1.17	48.33 0.08 0.10	17.94 0.09 16.49	26.74 0.13 9.92	30.99 0.10 0.00	32.35 -0.17 0.00	36.00 -0.13 0.00	39.43 -0.32 0.00	37.41 -0.24 0.00	46.56 -0.18 0.00	45.75 -0.03 0.00	43.50 -0.01 0.00	41.98 -0.03 0.16	39.12 -0.07 3.50	40.31 -0.08 2.02	33.84 0.00 5.07	24.41 0.07 4.04
UNION___PROCESSING_DRP 323587	32.95 -0.23 0.00	28.81 -0.43 0.00	27.14 -0.45 0.00	18.01 -0.42 0.00	23.05 -0.46 0.00	24.69 -0.35 0.00	36.69 -0.64 0.00	50.94 -1.10 0.00	47.38 -0.97 0.00	33.82 -0.51 0.00	35.93 -0.60 0.00	30.95 0.06 0.00	32.88 0.36 0.00	36.46 0.33 0.00	39.77 0.03 0.00	37.56 -0.08 0.00	46.47 -0.27 0.00	45.05 -0.73 0.00	42.62 -0.89 0.00	41.46 -0.71 0.00	41.93 -0.75 0.00	41.51 -0.90 0.00	37.94 -0.97 0.00	27.62 -0.77 0.00
UPPER HUDSON___HYD 24058	34.30 1.12 0.00	30.32 1.07 0.00	28.58 0.99 0.00	19.13 0.71 0.00	26.45 0.96 -1.98	26.40 0.98 -0.38	38.86 1.53 0.00	55.17 2.28 -0.84	50.43 2.01 -0.07	47.54 1.40 -11.81	45.05 1.43 -7.10	31.94 1.04 0.00	33.11 0.59 0.00	36.73 0.60 0.00	40.28 0.54 0.00	38.36 0.72 0.00	48.27 1.53 0.00	47.82 2.04 0.00	45.55 2.04 0.00	44.21 1.92 -0.12	47.08 1.84 -2.56	45.58 1.70 -1.48	44.14 1.52 -3.71	32.44 1.10 -2.96
UPPER RAQUET___HYD 24056	33.89 0.71 0.00	29.88 0.63 0.00	28.21 0.62 0.00	18.82 0.39 0.00	24.08 0.57 0.00	25.69 0.65 0.00	38.12 0.78 0.00	53.19 1.14 0.00	49.10 0.75 0.00	35.09 0.75 0.00	37.63 1.11 0.00	31.58 0.69 0.00	34.44 0.38 -1.54	38.10 0.40 -1.57	40.54 0.80 0.00	38.14 0.50 0.00	47.01 0.28 0.00	46.09 0.31 0.00	44.11 0.60 0.00	42.85 0.68 0.00	43.72 1.04 0.00	43.49 1.08 0.00	39.82 0.92 0.00	29.09 0.71 0.00
VALLEY44_115KV_TB2 355964	33.15 -0.03 0.00	28.97 -0.27 0.00	27.32 -0.26 0.00	18.05 -0.38 0.00	23.19 -0.33 0.00	24.69 -0.36 0.00	36.37 -0.97 0.00	50.52 -1.53 0.00	46.91 -1.43 0.00	33.54 -0.79 0.00	35.57 -0.95 0.00	31.14 0.24 0.00	33.34 0.82 0.00	36.87 0.74 0.00	39.95 0.21 0.00	37.46 -0.19 0.00	45.99 -0.75 0.00	44.29 -1.49 0.00	41.88 -1.64 0.00	40.78 -1.39 0.00	41.46 -1.23 0.00	40.96 -1.45 0.00	37.57 -1.34 0.00	27.54 -0.85 0.00
VALLEY___115KV_TB 1-4 80826	34.44 1.26 0.00	30.38 1.14 0.00	28.66 1.07 0.00	19.14 0.72 0.00	24.43 0.92 0.00	26.04 0.99 0.00	38.86 1.53 0.00	54.31 2.26 0.00	50.17 1.83 0.00	35.18 0.85 0.00	37.67 1.14 0.00	31.49 0.59 0.00	32.99 0.47 0.00	36.48 0.35 0.00	40.31 0.56 0.00	38.54 0.90 0.00	48.25 1.51 0.00	47.66 1.88 0.00	45.32 1.81 0.00	43.88 1.71 0.00	44.32 1.63 0.00	43.94 1.53 0.00	40.32 1.42 0.00	29.39 1.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.42 1.24 0.00	30.42 1.18 0.00	28.66 1.07 0.00	19.07 0.65 0.00	24.37 0.87 0.00	25.93 0.89 0.00	38.74 1.41 0.00	53.93 1.88 0.00	49.84 1.49 0.00	35.28 0.94 0.00	37.47 0.94 0.00	32.02 1.13 0.00	33.72 1.20 0.00	37.56 1.43 0.00	41.21 1.46 0.00	39.15 1.51 0.00	48.65 1.91 0.00	47.70 1.91 0.00	45.22 1.71 0.00	43.84 1.67 0.00	44.29 1.61 0.00	43.94 1.54 0.00	40.29 1.38 0.00	29.32 0.93 0.00
VISCHER___FERRY HYD 24020	34.06 0.88 0.00	30.08 0.83 0.00	28.37 0.78 0.00	18.99 0.57 0.00	29.86 0.75 -5.60	26.93 0.82 -1.07	38.44 1.11 0.00	55.99 1.57 -2.37	49.94 1.38 -0.21	68.81 1.04 -33.43	57.70 1.06 -20.11	31.75 0.86 0.00	33.05 0.53 0.00	36.70 0.57 0.00	40.14 0.39 0.00	38.05 0.41 0.00	47.60 0.86 0.00	46.96 1.17 0.00	44.72 1.21 0.00	43.69 1.18 -0.34	51.08 1.17 -7.23	47.69 1.12 -4.17	50.44 1.07 -10.46	37.56 0.83 -8.35
V_A_10_SYNC_DSASP 323832	32.59 -0.59 0.00	28.36 -0.88 0.00	26.70 -0.89 0.00	17.63 -0.79 0.00	22.60 -0.91 0.00	24.24 -0.81 0.00	35.67 -1.66 0.00	49.17 -2.88 0.00	45.87 -2.48 0.00	33.08 -1.26 0.00	35.06 -1.47 0.00	30.56 -0.33 0.00	32.68 0.16 0.00	36.14 0.01 0.00	39.13 -0.61 0.00	36.76 -0.88 0.00	45.24 -1.50 0.00	43.40 -2.38 0.00	40.86 -2.65 0.00	39.88 -2.29 0.00	40.41 -2.28 0.00	40.06 -2.34 0.00	36.70 -2.21 0.00	26.76 -1.62 0.00
V_CMM_10_SYNC_DSASP 323787	33.44 0.26 0.00	29.42 0.17 0.00	27.78 0.19 0.00	18.54 0.12 0.00	23.68 0.17 0.00	25.27 0.23 0.00	37.65 0.32 0.00	52.48 0.44 0.00	48.85 0.50 0.00	34.85 0.51 0.00	37.07 0.54 0.00	31.12 0.23 0.00	32.65 0.13 0.00	32.05 0.09 4.18	40.13 0.38 0.00	37.81 0.17 0.00	46.94 0.20 0.00	45.88 0.09 0.00	43.76 0.24 0.00	42.45 0.28 0.00	43.07 0.38 0.00	42.79 0.38 0.00	39.28 0.38 0.00	28.69 0.30 0.00
V_CMP_10_SYNC_DSASP 323788	33.90 0.73 0.00	29.80 0.55 0.00	28.10 0.51 0.00	18.84 0.42 0.00	24.08 0.57 0.00	25.37 0.32 0.00	37.23 -0.11 0.00	51.38 -0.67 0.00	47.68 -0.67 0.00	34.36 0.03 0.00	36.71 0.18 0.00	26.39 -0.11 4.40	17.16 -1.07 14.29	21.00 -1.34 13.80	39.43 -0.32 0.00	36.81 -0.83 0.00	45.39 -1.35 0.00	43.99 -1.79 0.00	36.62 -1.43 5.46	1.52 -1.53 39.12	41.64 -1.05 0.00	41.85 -0.55 0.00	39.41 0.50 0.00	28.98 0.59 0.00
V_D_10_SYNC_DSASP 323841	33.63 0.45 0.00	29.58 0.34 0.00	27.94 0.35 0.00	18.64 0.22 0.00	23.82 0.31 0.00	25.42 0.38 0.00	37.88 0.55 0.00	52.78 0.73 0.00	49.08 0.74 0.00	35.02 0.69 0.00	37.28 0.76 0.00	31.30 0.41 0.00	32.81 0.29 0.00	32.22 0.27 4.18	40.32 0.57 0.00	37.99 0.35 0.00	47.13 0.39 0.00	46.09 0.30 0.00	43.99 0.48 0.00	42.67 0.50 0.00	43.33 0.64 0.00	43.03 0.63 0.00	39.50 0.60 0.00	28.85 0.46 0.00
V_E_10_SYNC_DSASP 323830	35.09 1.91 0.00	31.02 1.78 0.00	29.22 1.63 0.00	19.40 0.98 0.00	24.83 1.32 0.00	26.58 1.53 0.00	39.69 2.35 0.00	55.26 3.21 0.00	50.49 2.14 0.00	35.57 1.24 0.00	37.21 0.68 0.00	31.74 0.85 0.00	33.55 1.03 0.00	37.69 1.56 0.00	41.72 1.98 0.00	39.73 2.09 0.00	49.55 2.82 0.00	48.41 2.62 0.00	46.14 2.62 0.00	44.77 2.60 0.00	45.02 2.33 0.00	44.10 1.70 0.00	40.49 1.58 0.00	29.40 1.02 0.00

V_F_30_NSYNC___DSASP 323816	34.49 1.31 0.00	30.46 1.22 0.00	28.71 1.13 0.00	19.21 0.79 0.00	26.93 1.04 -2.38	26.60 1.10 -0.46	38.98 1.64 0.00	55.44 2.39 -1.01	50.52 2.08 -0.09	49.97 1.43 -14.20	46.55 1.49 -8.54	32.11 1.22 0.00	33.39 0.87 0.00	37.09 0.95 0.00	40.64 0.89 0.00	38.58 0.94 0.00	48.38 1.65 0.00	47.78 2.00 0.00	45.51 1.99 0.00	44.21 1.90 -0.14	47.61 1.85 -3.08	45.96 1.78 -1.78	44.98 1.62 -4.45	33.11 1.17 -3.56
V_F_30_SYNC_DSASP 323786	33.51 0.33 0.00	29.63 0.39 0.00	27.92 0.34 0.00	18.70 0.28 0.00	21.11 0.34 2.74	24.89 0.38 0.53	37.73 0.40 0.00	51.40 0.52 1.17	48.67 0.43 0.10	18.21 0.33 16.45	27.02 0.38 9.90	31.22 0.33 0.00	32.55 0.03 0.00	36.25 0.11 0.00	39.71 -0.04 0.00	37.68 0.04 0.00	46.91 0.18 0.00	46.11 0.32 0.00	43.85 0.33 0.00	42.29 0.28 0.16	39.44 0.25 3.50	40.61 0.22 2.02	34.10 0.25 5.06	24.59 0.25 4.04
V_XM_10_SYNC_DSASP 323789	33.90 0.73 0.00	29.80 0.55 0.00	28.10 0.51 0.00	18.84 0.42 0.00	24.08 0.57 0.00	25.37 0.32 0.00	37.23 -0.11 0.00	51.38 -0.67 0.00	47.68 -0.67 0.00	34.36 0.03 0.00	36.71 0.18 0.00	26.39 -0.11 4.40	17.16 -1.07 14.29	21.00 -1.34 13.80	39.43 -0.32 0.00	36.81 -0.83 0.00	45.39 -1.35 0.00	43.99 -1.79 0.00	36.62 -1.43 5.46	1.52 -1.53 39.12	41.64 -1.05 0.00	41.85 -0.55 0.00	39.41 0.50 0.00	28.98 0.59 0.00
W.BABYLN_69_KV_BK1 56697	35.17 1.99 0.00	30.95 1.70 0.00	29.12 1.54 0.00	19.47 1.05 0.00	24.61 1.10 0.00	25.42 1.14 0.75	37.49 1.91 1.76	52.53 3.24 2.76	50.63 2.87 0.60	30.93 1.53 4.94	38.86 2.34 0.00	33.30 2.41 0.00	34.87 2.35 0.00	38.22 2.27 0.19	40.77 2.45 1.43	39.10 2.76 1.31	48.41 3.44 1.77	48.96 3.58 0.41	46.72 3.44 0.23	44.80 3.08 0.45	43.65 2.83 1.87	43.64 2.84 1.60	40.18 2.65 1.38	29.89 1.97 0.45
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.96 1.78 0.00	30.77 1.52 0.00	29.00 1.42 0.00	19.41 0.99 0.00	24.69 1.18 0.00	26.43 1.38 0.00	39.66 2.32 0.00	55.75 3.70 0.00	51.54 3.20 0.00	36.25 1.92 0.00	38.76 2.23 0.00	33.19 2.30 0.00	34.92 2.40 0.00	38.83 2.70 0.00	42.60 2.86 0.00	40.63 2.99 0.00	50.05 3.32 0.00	49.11 3.33 0.00	46.71 3.19 0.00	45.14 2.97 0.00	45.52 2.84 0.00	45.21 2.80 0.00	41.54 2.63 0.00	30.15 1.77 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.08 1.90 0.00	30.86 1.61 0.00	29.07 1.48 0.00	19.46 1.04 0.00	24.72 1.21 0.00	26.35 1.31 0.00	39.54 2.21 0.00	55.55 3.50 0.00	51.45 3.10 0.00	36.24 1.91 0.00	38.81 2.28 0.00	33.30 2.41 0.00	34.98 2.47 0.00	38.87 2.74 0.00	42.61 2.86 0.00	40.69 3.05 0.00	50.27 3.53 0.00	49.29 3.51 0.00	46.85 3.33 0.00	45.27 3.10 0.00	45.62 2.93 0.00	45.29 2.89 0.00	41.62 2.71 0.00	30.22 1.84 0.00
W50THST__13_KV_LOAD 356117	35.21 2.03 0.00	30.96 1.72 0.00	29.16 1.58 0.00	19.52 1.10 0.00	24.80 1.29 0.00	26.44 1.40 0.00	39.69 2.36 0.00	55.78 3.73 0.00	51.67 3.32 0.00	36.41 2.08 0.00	39.00 2.48 0.00	33.46 2.57 0.00	35.17 2.66 0.00	39.07 2.94 0.00	42.83 3.08 0.00	40.90 3.25 0.00	50.53 3.79 0.00	49.52 3.73 0.00	47.06 3.55 0.00	45.46 3.29 0.00	45.79 3.10 0.00	45.46 3.06 0.00	41.77 2.86 0.00	30.31 1.93 0.00
WADING RIVER_IC_1 23522	34.51 1.33 0.00	30.38 1.14 0.00	28.58 1.00 0.00	19.13 0.70 0.00	24.16 0.65 0.00	22.94 0.76 2.86	31.95 1.28 6.66	43.84 2.26 10.46	48.36 2.28 2.26	27.37 0.99 7.95	38.24 1.71 0.00	32.78 1.89 0.00	34.27 1.75 0.00	37.04 1.59 0.69	36.16 1.80 5.39	34.99 2.31 4.95	43.28 3.26 6.71	47.46 3.24 1.56	45.72 3.13 0.91	42.96 2.49 1.70	37.70 2.09 7.08	38.56 2.24 6.09	35.84 2.15 5.22	28.39 1.73 1.72
WADING RIVER_IC_2 23547	34.51 1.33 0.00	30.38 1.14 0.00	28.58 1.00 0.00	19.13 0.70 0.00	24.16 0.65 0.00	22.94 0.76 2.86	31.95 1.28 6.66	43.84 2.26 10.46	48.36 2.28 2.26	27.37 0.99 7.95	38.24 1.71 0.00	32.78 1.89 0.00	34.27 1.75 0.00	37.04 1.59 0.69	36.16 1.80 5.39	34.99 2.31 4.95	43.28 3.26 6.71	47.46 3.24 1.56	45.72 3.13 0.91	42.96 2.49 1.70	37.70 2.09 7.08	38.56 2.24 6.09	35.84 2.15 5.22	28.39 1.73 1.72
WADING RIVER_IC_3 23601	34.51 1.33 0.00	30.38 1.14 0.00	28.58 1.00 0.00	19.13 0.70 0.00	24.16 0.65 0.00	22.94 0.76 2.86	31.95 1.28 6.66	43.84 2.26 10.46	48.36 2.28 2.26	27.37 0.99 7.95	38.24 1.71 0.00	32.78 1.89 0.00	34.27 1.75 0.00	37.04 1.59 0.69	36.16 1.80 5.39	34.99 2.31 4.95	43.28 3.26 6.71	47.46 3.24 1.56	45.72 3.13 0.91	42.96 2.49 1.70	37.70 2.09 7.08	38.56 2.24 6.09	35.84 2.15 5.22	28.39 1.73 1.72
WALDENNY_12_KV_BK2 80841	32.86 -0.32 0.00	28.57 -0.68 0.00	26.86 -0.72 0.00	17.70 -0.72 0.00	22.67 -0.84 0.00	24.30 -0.74 0.00	35.81 -1.52 0.00	49.33 -2.72 0.00	46.03 -2.31 0.00	33.21 -1.12 0.00	35.13 -1.40 0.00	30.74 -0.15 0.00	32.94 0.43 0.00	36.48 0.35 0.00	39.50 -0.25 0.00	37.08 -0.56 0.00	45.61 -1.13 0.00	43.59 -2.20 0.00	41.05 -2.46 0.00	40.02 -2.16 0.00	40.55 -2.14 0.00	40.14 -2.26 0.00	36.73 -2.18 0.00	26.79 -1.59 0.00
WALDEN__HYDRO 24148	34.86 1.68 0.00	30.69 1.45 0.00	28.92 1.34 0.00	19.36 0.94 0.00	24.62 1.11 0.00	26.23 1.18 0.00	39.33 1.99 0.00	55.25 3.21 0.00	51.09 2.74 0.00	35.93 1.59 0.00	38.35 1.82 0.00	32.77 1.88 0.00	34.42 1.90 0.00	38.22 2.09 0.00	41.93 2.19 0.00	40.04 2.40 0.00	49.61 2.88 0.00	48.68 2.90 0.00	46.31 2.79 0.00	44.79 2.62 0.00	45.19 2.50 0.00	44.91 2.51 0.00	41.27 2.36 0.00	29.96 1.58 0.00
WARRENSBURG____ 23737	34.30 1.12 0.00	30.32 1.07 0.00	28.58 0.99 0.00	19.13 0.71 0.00	26.45 0.96 -1.98	26.40 0.98 -0.38	38.86 1.52 0.00	55.16 2.28 -0.84	50.43 2.01 -0.07	47.54 1.40 -11.81	45.05 1.43 -7.10	31.93 1.04 0.00	33.11 0.59 0.00	36.72 0.60 0.00	40.29 0.54 0.00	38.36 0.72 0.00	48.27 1.53 0.00	47.82 2.04 0.00	45.56 2.04 0.00	44.21 1.92 -0.12	47.08 1.84 -2.56	45.58 1.70 -1.48	44.14 1.53 -3.71	32.44 1.10 -2.96
WATERSIDE____6 8 9 23538	35.13 1.95 0.00	30.90 1.66 0.00	29.12 1.53 0.00	19.48 1.06 0.00	24.74 1.23 0.00	26.38 1.33 0.00	39.56 2.23 0.00	55.52 3.47 0.00	51.44 3.09 0.00	36.24 1.90 0.00	38.84 2.31 0.00	33.31 2.42 0.00	34.99 2.47 0.00	38.86 2.73 0.00	42.62 2.88 0.00	40.70 3.06 0.00	50.19 3.45 0.00	49.24 3.46 0.00	46.80 3.28 0.00	45.23 3.06 0.00	45.57 2.89 0.00	45.31 2.91 0.00	41.64 2.73 0.00	30.23 1.85 0.00
WATKINRD_115KV_LN8_ILLION 55919	34.07 0.89 0.00	30.06 0.81 0.00	28.35 0.76 0.00	18.93 0.51 0.00	24.16 0.65 0.00	25.74 0.70 0.00	38.42 1.08 0.00	53.67 1.63 0.00	49.68 1.33 0.00	34.94 0.61 0.00	37.34 0.82 0.00	31.33 0.44 0.00	32.86 0.34 0.00	36.40 0.27 0.00	40.14 0.40 0.00	38.29 0.65 0.00	47.83 1.09 0.00	47.17 1.38 0.00	44.83 1.31 0.00	43.42 1.26 0.00	43.87 1.19 0.00	43.52 1.12 0.00	39.93 1.02 0.00	29.10 0.72 0.00

WDELAWARE___HYD 323627	34.30 1.13 0.00	30.22 0.98 0.00	28.47 0.88 0.00	19.03 0.61 0.00	24.05 0.72 0.17	25.76 0.75 0.03	38.70 1.36 0.00	54.51 2.53 0.07	50.33 1.99 0.01	34.37 1.09 1.05	37.02 1.13 0.63	32.04 1.15 0.00	33.54 1.02 0.00	36.39 0.25 0.00	39.96 0.21 0.00	38.18 0.53 0.00	47.47 0.73 0.00	46.68 0.90 0.00	44.43 0.91 0.00	42.96 0.81 0.01	43.24 0.82 0.27	44.11 1.86 0.16	40.24 1.74 0.40	29.17 1.11 0.32
WEST BABYLON___IC 23714	35.17 1.99 0.00	30.95 1.70 0.00	29.12 1.54 0.00	19.47 1.05 0.00	24.61 1.10 0.00	25.42 1.14 0.75	37.49 1.91 1.76	52.53 3.24 2.76	50.63 2.87 0.60	30.93 1.53 4.94	38.86 2.34 0.00	33.30 2.41 0.00	34.87 2.35 0.00	38.22 2.27 0.19	40.77 2.45 1.43	39.10 2.76 1.31	48.41 3.44 1.77	48.96 3.58 0.41	46.72 3.44 0.23	44.80 3.08 0.45	43.65 2.83 1.87	43.64 2.84 1.60	40.18 2.65 1.38	29.89 1.97 0.45
WEST CANADA___HYD 24049	33.35 0.17 0.00	29.42 0.18 0.00	27.75 0.16 0.00	18.53 0.11 0.00	23.65 0.14 0.00	25.18 0.14 0.00	37.54 0.20 0.00	52.36 0.31 0.00	48.63 0.28 0.00	34.48 0.15 0.00	36.69 0.15 0.00	31.02 0.13 0.00	32.64 0.12 0.00	36.28 0.14 0.00	39.90 0.15 0.00	37.85 0.21 0.00	47.06 0.32 0.00	46.18 0.40 0.00	43.85 0.34 0.00	42.49 0.32 0.00	42.94 0.26 0.00	42.65 0.25 0.00	39.11 0.20 0.00	28.52 0.13 0.00
WESTERN_NY_WIND 24143	33.36 0.18 0.00	29.00 -0.24 0.00	27.29 -0.29 0.00	18.03 -0.40 0.00	23.09 -0.42 0.00	24.81 -0.23 0.00	36.67 -0.66 0.00	50.71 -1.34 0.00	47.29 -1.05 0.00	33.94 -0.39 0.00	35.87 -0.66 0.00	31.19 0.29 0.00	33.19 0.67 0.00	36.63 0.50 0.00	39.99 0.25 0.00	37.71 0.06 0.00	46.63 -0.11 0.00	44.85 -0.93 0.00	42.33 -1.18 0.00	41.27 -0.90 0.00	41.73 -0.95 0.00	41.33 -1.07 0.00	37.75 -1.16 0.00	27.44 -0.94 0.00
WESTOVER___LESR 323668	33.46 0.28 0.00	29.46 0.22 0.00	27.79 0.20 0.00	18.51 0.09 0.00	23.67 0.15 0.00	25.15 0.11 0.00	37.56 0.22 0.00	52.22 0.17 0.00	48.21 -0.13 0.00	34.15 -0.19 0.00	36.21 -0.31 0.00	31.20 0.31 0.00	32.99 0.47 0.00	36.64 0.51 0.00	40.15 0.40 0.00	38.04 0.39 0.00	47.06 0.33 0.00	45.87 0.09 0.00	43.53 0.01 0.00	42.28 0.11 0.00	42.86 0.17 0.00	42.47 0.07 0.00	38.94 0.03 0.00	28.36 -0.02 0.00
WETHRSFD_WT_PWR 323626	32.74 -0.44 0.00	28.50 -0.75 0.00	26.83 -0.76 0.00	17.74 -0.69 0.00	22.58 -0.93 0.00	24.02 -1.03 0.00	35.61 -1.72 0.00	48.84 -3.21 0.00	45.37 -2.98 0.00	32.16 -2.17 0.00	33.76 -2.77 0.00	29.60 -1.29 0.00	31.79 -0.73 0.00	35.57 -0.56 0.00	38.87 -0.88 0.00	36.71 -0.93 0.00	45.06 -1.68 0.00	43.08 -2.70 0.00	40.70 -2.82 0.00	39.39 -2.78 0.00	39.79 -2.89 0.00	39.37 -3.03 0.00	35.95 -2.96 0.00	26.30 -2.08 0.00
WHAVSTOR_138KV_BK127 55557	34.76 1.58 0.00	30.60 1.35 0.00	28.84 1.26 0.00	19.31 0.89 0.00	24.54 1.03 0.00	26.15 1.11 0.00	39.21 1.88 0.00	55.09 3.05 0.00	50.95 2.60 0.00	35.83 1.49 0.00	38.33 1.80 0.00	32.83 1.94 0.00	34.53 2.01 0.00	38.37 2.24 0.00	42.09 2.34 0.00	40.15 2.51 0.00	49.70 2.96 0.00	48.75 2.97 0.00	46.37 2.85 0.00	44.82 2.66 0.00	45.21 2.52 0.00	44.91 2.50 0.00	41.28 2.37 0.00	29.98 1.59 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.76 1.58 0.00	30.60 1.35 0.00	28.84 1.26 0.00	19.31 0.89 0.00	24.54 1.03 0.00	26.15 1.11 0.00	39.21 1.88 0.00	55.09 3.05 0.00	50.95 2.60 0.00	35.83 1.49 0.00	38.33 1.80 0.00	32.83 1.94 0.00	34.53 2.01 0.00	38.37 2.24 0.00	42.09 2.34 0.00	40.15 2.51 0.00	49.70 2.96 0.00	48.75 2.97 0.00	46.37 2.85 0.00	44.82 2.66 0.00	45.21 2.52 0.00	44.91 2.50 0.00	41.28 2.37 0.00	29.98 1.59 0.00
WHITEHAL_115KV_TB1 80871	35.00 1.82 0.00	30.83 1.59 0.00	29.13 1.54 0.00	19.51 1.09 0.00	27.21 1.56 -2.15	27.15 1.69 -0.41	39.88 2.55 0.00	56.82 3.86 -0.91	51.95 3.53 -0.08	49.88 2.74 -12.80	47.08 2.85 -7.70	32.87 1.98 0.00	33.77 1.26 0.00	37.30 1.17 0.00	40.77 1.03 0.00	39.16 1.52 0.00	49.87 3.13 0.00	49.65 3.87 0.00	47.31 3.79 0.00	45.82 3.53 -0.13	48.85 3.39 -2.78	47.18 3.18 -1.60	45.72 2.80 -4.02	33.67 2.08 -3.21
WHITEPLN_13_KV_LOAD 356215	35.13 1.95 0.00	30.92 1.67 0.00	29.12 1.54 0.00	19.50 1.07 0.00	24.77 1.26 0.00	26.41 1.36 0.00	39.62 2.28 0.00	55.70 3.65 0.00	51.57 3.23 0.00	36.29 1.96 0.00	38.85 2.33 0.00	33.28 2.39 0.00	34.97 2.45 0.00	38.86 2.73 0.00	42.61 2.87 0.00	40.71 3.06 0.00	50.37 3.63 0.00	49.41 3.63 0.00	47.00 3.48 0.00	45.42 3.26 0.00	45.75 3.06 0.00	45.42 3.02 0.00	41.73 2.82 0.00	30.29 1.90 0.00
WM_FLOYD_69_KV_BK2 356380	34.63 1.45 0.00	30.49 1.24 0.00	28.68 1.09 0.00	19.19 0.77 0.00	24.23 0.72 0.00	23.13 0.82 2.73	32.34 1.36 6.35	44.43 2.36 9.97	48.52 2.33 2.16	27.61 1.06 7.78	38.30 1.77 0.00	32.84 1.95 0.00	34.31 1.80 0.00	37.12 1.64 0.65	36.47 1.86 5.14	35.29 2.37 4.72	43.66 3.32 6.39	47.60 3.30 1.48	45.82 3.17 0.87	43.18 2.63 1.62	38.17 2.23 6.74	38.94 2.34 5.80	36.18 2.24 4.97	28.53 1.79 1.64
WOODARD__115KV_TB2 355635	32.66 -0.52 0.00	28.76 -0.48 0.00	27.12 -0.46 0.00	18.11 -0.32 0.00	23.12 -0.40 0.00	24.64 -0.40 0.00	36.79 -0.54 0.00	51.24 -0.81 0.00	47.39 -0.95 0.00	33.61 -0.72 0.00	35.79 -0.74 0.00	30.51 -0.38 0.00	32.21 -0.31 0.00	35.81 -0.32 0.00	39.30 -0.44 0.00	37.24 -0.40 0.00	46.16 -0.58 0.00	45.20 -0.58 0.00	42.89 -0.62 0.00	41.59 -0.58 0.00	42.08 -0.61 0.00	41.71 -0.69 0.00	38.20 -0.70 0.00	27.84 -0.54 0.00
WOODMERE_69_KV_BK1 55827	35.23 2.05 0.00	30.98 1.74 0.00	29.14 1.56 0.00	19.50 1.07 0.00	24.69 1.18 0.00	26.31 1.26 0.00	39.37 2.04 0.00	55.43 3.38 0.00	51.21 2.87 0.00	36.07 1.62 -0.11	38.97 2.44 0.00	33.42 2.53 0.00	34.87 2.35 0.00	38.65 2.52 0.00	42.51 2.77 0.00	40.65 3.01 0.00	50.32 3.59 0.00	49.43 3.64 0.00	47.04 3.51 -0.01	45.36 3.19 0.00	45.67 2.98 0.00	45.38 2.98 0.00	41.77 2.86 0.00	30.36 1.98 0.00
YORK___WARBASSE 23770	35.24 2.06 0.00	31.00 1.76 0.00	29.21 1.62 0.00	19.54 1.12 0.00	24.82 1.31 0.00	26.47 1.42 0.00	39.71 2.38 0.00	55.76 3.71 0.00	51.65 3.31 0.00	36.34 2.01 0.00	38.94 2.41 0.00	33.38 2.49 0.00	35.07 2.55 0.00	38.96 2.83 0.00	42.74 2.99 0.00	40.78 3.13 0.00	50.32 3.58 0.00	49.41 3.62 0.00	46.96 3.45 0.00	45.42 3.26 0.00	45.75 3.06 0.00	45.51 3.11 0.00	41.81 2.90 0.00	30.35 1.96 0.00