

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										07/22/2024			
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		33.88	29.68	28.42	26.26	27.16	28.38	29.12	35.88	38.98	36.00	36.88	40.51	39.76	48.23	45.34	50.16	43.23	41.84	47.28	48.32	60.45	50.18	36.46	25.26
		2.44	1.96	1.76	1.56	1.65	1.85	2.18	2.69	3.02	2.97	3.13	3.38	3.35	4.01	3.64	3.73	3.24	3.10	3.26	3.25	3.06	3.20	2.43	1.74
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.37	-0.67	0.00	0.00	
74TH STREET_GT_1		33.98	29.78	28.51	26.35	27.24	28.47	29.19	35.95	39.05	36.07	36.95	40.60	39.88	48.37	45.48	50.30	43.35	41.97	47.45	48.53	60.64	50.40	36.61	25.35
24260		2.54	2.06	1.86	1.65	1.73	1.94	2.26	2.76	3.09	3.04	3.20	3.47	3.46	4.14	3.78	3.88	3.36	3.23	3.42	3.47	3.25	3.43	2.58	1.83
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.37	-0.67	0.00	0.00
74TH STREET_GT_2		33.98	29.78	28.51	26.35	27.24	28.47	29.19	35.95	39.05	36.07	36.95	40.60	39.88	48.37	45.48	50.30	43.35	41.97	47.45	48.53	60.64	50.40	36.61	25.35
24261		2.54	2.06	1.86	1.65	1.73	1.94	2.26	2.76	3.09	3.04	3.20	3.47	3.46	4.14	3.78	3.88	3.36	3.23	3.42	3.47	3.25	3.43	2.58	1.83
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.37	-0.67	0.00	0.00
ADK HUDSON___FALLS		33.99	29.86	28.71	26.59	27.49	28.60	29.03	35.88	38.90	35.43	35.98	39.65	38.97	47.59	45.24	50.52	43.58	42.41	49.00	49.77	87.50	58.02	37.00	25.30
24011		2.55	2.15	2.05	1.90	1.98	2.07	2.09	2.69	2.93	2.40	2.23	2.52	2.56	3.36	3.54	4.10	3.58	3.67	4.97	4.71	4.63	4.87	2.96	1.78
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-41.85	-6.85	0.00	0.00
ADK RESOURCE___RCVRY		34.35	30.15	28.97	26.84	27.74	28.86	29.30	36.21	39.22	35.63	36.20	39.90	39.22	47.99	45.70	51.07	43.97	42.82	49.61	50.16	88.05	58.47	37.25	25.48
23798		2.91	2.43	2.31	2.14	2.23	2.32	2.37	3.02	3.26	2.61	2.45	2.77	2.81	3.76	4.00	4.64	3.97	4.08	5.58	5.10	4.99	5.29	3.21	1.96
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-42.04	-6.89	0.00	0.00
ADK S GLENS___FALLS		33.99	29.86	28.71	26.59	27.49	28.60	29.03	35.88	38.90	35.43	35.98	39.65	38.97	47.59	45.24	50.52	43.58	42.41	49.00	49.77	87.50	58.02	37.00	25.30
24028		2.55	2.15	2.05	1.90	1.98	2.07	2.09	2.69	2.93	2.40	2.23	2.52	2.56	3.36	3.54	4.10	3.58	3.67	4.97	4.71	4.63	4.87	2.96	1.78
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-41.85	-6.85	0.00	0.00
ADK_NYS___DAM		32.94	29.10	28.15	26.06	26.94	27.97	28.23	34.65	37.44	34.18	34.89	38.45	37.77	46.17	43.70	48.41	41.61	40.40	46.15	47.55	76.09	53.91	35.61	24.65
23527		1.49	1.39	1.49	1.37	1.43	1.44	1.30	1.46	1.48	1.16	1.13	1.32	1.36	1.94	1.99	1.98	1.62	1.66	2.12	2.49	2.54	2.62	1.57	1.13
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-32.54	-4.99	0.00	0.00
AIR_PRODUCTS___DRP		31.86	28.04	27.00	25.02	25.85	26.88	27.27	33.47	36.22	33.21	33.97	37.43	36.78	44.84	42.36	47.01	40.50	39.26	44.75	45.86	67.15	50.80	34.40	23.78
24190		0.42	0.32	0.34	0.32	0.34	0.35	0.34	0.28	0.26	0.19	0.22	0.30	0.37	0.61	0.65	0.58	0.51	0.51	0.73	0.80	0.85	0.76	0.36	0.26
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-25.28	-3.74	0.00	0.00
AKWESSNE_115KV_BK		31.20	27.53	26.52	24.55	25.33	26.28	26.66	32.95	35.56	32.61	33.24	36.48	35.61	43.20	40.54	45.29	38.88	37.76	42.96	43.98	40.05	45.59	33.65	23.30
355683		-0.24	-0.19	-0.14	-0.14	-0.18	-0.25	-0.28	-0.23	-0.40	-0.41	-0.51	-0.66	-0.80	-1.03	-1.16	-1.15	-1.11	-0.98	-1.06	-1.08	-0.97	-0.70	-0.39	-0.22
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR		32.52	28.56	27.50	25.49	26.33	27.38	27.74	33.93	36.56	33.38	34.02	37.46	36.78	44.91	42.60	47.46	41.06	39.86	45.55	46.77	63.42	50.86	35.11	24.24
323833		1.08	0.84	0.84	0.79	0.82	0.85	0.81	0.74	0.60	0.35	0.27	0.32	0.37	0.69	0.89	1.03	1.07	1.12	1.53	1.71	1.67	1.74	1.07	0.72
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-20.72	-2.82	0.00	0.00
ALBANY_2_SOLAR		32.52	28.55	27.49	25.48	26.32	27.37	27.74	33.92	36.55	33.38	34.02	37.46	36.78	44.90	42.59	47.44	41.04	39.84	45.54	46.76	63.39	50.85	35.11	24.23
323834		1.08	0.83	0.83	0.79	0.81	0.84	0.80	0.73	0.59	0.35	0.27	0.32	0.37	0.67	0.88	1.01	1.05	1.10	1.52	1.70	1.66	1.73	1.07	0.71
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-20.72	-2.82	0.00	0.00
ALBANY___1		31.86	28.04	27.00	25.02	25.85	26.88	27.27	33.47	36.22	33.21	33.97	37.43	36.78	44.84	42.36	47.01	40.50	39.26	44.75	45.86	67.15	50.80	34.40	23.78
23571		0.42	0.32	0.34	0.32	0.34	0.35	0.34	0.28	0.26	0.19	0.22	0.30	0.37	0.61	0.65	0.58	0.51	0.51	0.73	0.80	0.85	0.76	0.36	0.26
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-25.28	-3.74	0.00	0.00

ALBANY___2 23572	31.86 0.42 0.00	28.04 0.32 0.00	27.00 0.34 0.00	25.02 0.32 0.00	25.85 0.34 0.00	26.88 0.35 0.00	27.27 0.34 0.00	33.47 0.28 0.00	36.22 0.26 0.00	33.21 0.19 0.00	33.97 0.22 0.00	37.43 0.30 0.00	36.78 0.37 0.00	44.84 0.61 0.00	42.36 0.65 0.00	47.01 0.58 0.00	40.50 0.51 0.00	39.26 0.51 0.00	44.75 0.73 0.00	45.86 0.80 0.00	67.15 0.85 -25.28	50.80 0.76 -3.74	34.40 0.36 0.00	23.78 0.26 0.00
ALBANY___3 23573	31.86 0.42 0.00	28.04 0.32 0.00	27.00 0.34 0.00	25.02 0.32 0.00	25.85 0.34 0.00	26.88 0.35 0.00	27.27 0.34 0.00	33.47 0.28 0.00	36.22 0.26 0.00	33.21 0.19 0.00	33.97 0.22 0.00	37.43 0.30 0.00	36.78 0.37 0.00	44.84 0.61 0.00	42.36 0.65 0.00	47.01 0.58 0.00	40.50 0.51 0.00	39.26 0.51 0.00	44.75 0.73 0.00	45.86 0.80 0.00	67.15 0.85 -25.28	50.80 0.76 -3.74	34.40 0.36 0.00	23.78 0.26 0.00
ALBANY___4 23574	31.86 0.42 0.00	28.04 0.32 0.00	27.00 0.34 0.00	25.02 0.32 0.00	25.85 0.34 0.00	26.88 0.35 0.00	27.27 0.34 0.00	33.47 0.28 0.00	36.22 0.26 0.00	33.21 0.19 0.00	33.97 0.22 0.00	37.43 0.30 0.00	36.78 0.37 0.00	44.84 0.61 0.00	42.36 0.65 0.00	47.01 0.58 0.00	40.50 0.51 0.00	39.26 0.51 0.00	44.75 0.73 0.00	45.86 0.80 0.00	67.15 0.85 -25.28	50.80 0.76 -3.74	34.40 0.36 0.00	23.78 0.26 0.00
ALBANY___LFGE 323615	32.21 0.77 0.00	28.34 0.63 0.00	27.31 0.65 0.00	25.31 0.61 0.00	26.14 0.63 0.00	27.19 0.66 0.00	27.58 0.65 0.00	33.86 0.67 0.00	36.66 0.70 0.00	33.62 0.59 0.00	34.39 0.64 0.00	37.91 0.78 0.00	37.27 0.85 0.00	45.45 1.22 0.00	42.98 1.27 0.00	47.70 1.27 0.00	41.10 1.11 0.00	39.84 1.10 0.00	45.38 1.35 0.00	46.51 1.45 0.00	73.05 1.43 -30.61	52.44 1.41 -4.74	34.85 0.81 0.00	24.07 0.55 0.00
ALCOA_PA_115KV_PL-6C 55860	31.30 -0.14 0.00	27.61 -0.10 0.00	26.61 -0.05 0.00	24.63 -0.06 0.00	25.41 -0.10 0.00	26.36 -0.17 0.00	26.74 -0.20 0.00	33.04 -0.15 0.00	35.64 -0.32 0.00	32.68 -0.35 0.00	33.29 -0.47 0.00	36.54 -0.60 0.00	35.67 -0.74 0.00	43.21 -1.02 0.00	40.55 -1.16 0.00	45.29 -1.13 0.00	38.71 -1.28 0.00	37.66 -1.09 0.00	42.84 -1.19 0.00	43.91 -1.15 0.00	40.00 -1.02 0.00	45.81 -0.50 0.00	33.79 -0.25 0.00	23.37 -0.15 0.00
ALCOA_RYNLDS___DRP 24188	31.30 -0.14 0.00	27.61 -0.10 0.00	26.61 -0.05 0.00	24.63 -0.06 0.00	25.41 -0.10 0.00	26.36 -0.17 0.00	26.74 -0.20 0.00	33.04 -0.15 0.00	35.64 -0.32 0.00	32.68 -0.35 0.00	33.29 -0.47 0.00	36.54 -0.60 0.00	35.67 -0.74 0.00	43.21 -1.02 0.00	40.55 -1.16 0.00	45.29 -1.13 0.00	38.71 -1.28 0.00	37.66 -1.09 0.00	42.84 -1.19 0.00	43.91 -1.15 0.00	40.00 -1.02 0.00	45.81 -0.50 0.00	33.79 -0.25 0.00	23.37 -0.15 0.00
ALCOA___DSASP 323711	31.30 -0.14 0.00	27.61 -0.10 0.00	26.61 -0.05 0.00	24.63 -0.06 0.00	25.41 -0.10 0.00	26.36 -0.17 0.00	26.74 -0.20 0.00	33.04 -0.15 0.00	35.64 -0.32 0.00	32.68 -0.35 0.00	33.28 -0.47 0.00	36.54 -0.60 0.00	35.67 -0.75 0.00	43.21 -1.02 0.00	40.55 -1.16 0.00	45.30 -1.13 0.00	38.71 -1.28 0.00	37.65 -1.09 0.00	42.84 -1.19 0.00	43.91 -1.15 0.00	40.00 -1.02 0.00	45.81 -0.50 0.00	33.79 -0.25 0.00	23.37 -0.15 0.00
ALLEGHENY___COGEN 23514	32.26 0.82 0.00	28.26 0.54 0.00	27.14 0.48 0.00	25.14 0.44 0.00	26.00 0.49 0.00	27.00 0.47 0.00	27.48 0.54 0.00	33.84 0.65 0.00	36.18 0.22 0.00	33.03 0.01 0.00	33.71 -0.04 0.00	36.55 -0.58 0.00	35.94 -0.47 0.00	43.77 -0.46 0.00	41.91 0.20 0.00	46.87 0.44 0.00	40.84 0.85 0.00	39.59 0.85 0.00	45.03 1.01 0.00	45.89 0.84 0.00	41.49 0.47 0.00	47.26 0.96 0.00	35.38 1.34 0.00	24.30 0.79 0.00
ALTAMONT_115KV_TB 2 55880	32.25 0.81 0.00	28.38 0.66 0.00	27.30 0.64 0.00	25.31 0.61 0.00	26.14 0.63 0.00	27.19 0.66 0.00	27.61 0.67 0.00	33.89 0.70 0.00	36.67 0.71 0.00	33.65 0.62 0.00	34.40 0.64 0.00	37.87 0.74 0.00	37.20 0.79 0.00	45.29 1.06 0.00	42.78 1.08 0.00	47.53 1.10 0.00	40.97 0.97 0.00	39.69 0.95 0.00	45.21 1.18 0.00	46.32 1.27 0.00	63.50 1.25 -21.23	50.56 1.24 -3.03	34.81 0.77 0.00	24.04 0.53 0.00
ALTONA_WT_PWR 323606	32.63 1.19 0.00	28.72 1.01 0.00	27.60 0.95 0.00	25.56 0.87 0.00	26.32 0.81 0.00	27.17 0.64 0.00	27.61 0.67 0.00	33.79 0.60 0.00	36.49 0.53 0.00	33.32 0.30 0.00	33.98 0.23 0.00	37.32 0.19 0.00	36.54 0.13 0.00	44.37 0.14 0.00	41.57 -0.13 0.00	46.58 0.15 0.00	39.82 -0.17 0.00	38.72 -0.02 0.00	44.33 0.31 0.00	45.70 0.64 0.00	41.91 0.90 0.00	47.73 1.43 0.00	35.12 1.08 0.00	24.29 0.77 0.00
AMERICAN_REF_FUEL 24010	29.71 -1.73 0.00	26.06 -1.66 0.00	25.13 -1.53 0.00	23.28 -1.41 0.00	24.06 -1.46 0.00	24.78 -1.75 0.00	24.98 -1.96 0.00	30.96 -2.23 0.00	33.57 -2.39 0.00	31.11 -1.92 0.00	31.90 -1.85 0.00	35.03 -2.11 0.00	34.61 -1.81 0.00	42.03 -2.20 0.00	40.32 -1.38 0.00	45.23 -1.20 0.00	39.03 -0.97 0.00	37.62 -1.12 0.00	42.26 -1.77 0.00	42.88 -2.18 0.00	38.56 -2.46 0.00	44.22 -2.08 0.00	32.73 -1.30 0.00	22.47 -1.05 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.96 -0.48 0.00	27.12 -0.60 0.00	26.10 -0.56 0.00	24.24 -0.45 0.00	25.06 -0.45 0.00	26.00 -0.53 0.00	26.45 -0.49 0.00	33.05 -0.14 0.00	35.98 0.02 0.00	33.26 0.24 0.00	34.10 0.35 0.00	37.64 0.51 0.00	37.19 0.78 0.00	45.19 0.95 0.00	43.28 1.57 0.00	48.46 2.03 0.00	41.78 1.79 0.00	40.19 1.45 0.00	45.24 1.21 0.00	46.02 0.95 0.00	41.18 0.16 0.00	47.19 0.89 0.00	34.81 0.77 0.00	23.66 0.14 0.00
ARTHUR KILL_GT_1 23520	37.15 2.20 -3.51	29.71 1.84 -0.15	28.41 1.75 -0.01	26.24 1.54 0.00	27.15 1.64 0.00	28.37 1.84 0.00	29.05 2.11 0.00	35.58 2.39 0.00	38.66 2.70 0.00	35.84 2.82 0.00	36.63 2.88 0.00	40.06 2.92 0.00	39.35 2.94 0.00	47.77 3.54 0.00	44.89 3.18 0.00	49.74 3.31 0.00	42.92 2.93 0.00	41.57 2.83 0.00	47.04 3.01 0.00	48.12 3.06 0.00	60.34 2.95 -16.37	50.07 3.10 -0.67	36.44 2.40 0.00	35.33 1.73 -10.08
ARTHUR_KILL_2 23512	37.03 2.07 -3.51	29.61 1.74 -0.15	28.32 1.65 -0.01	26.14 1.45 0.00	27.06 1.55 0.00	28.28 1.75 0.00	28.95 2.01 0.00	35.46 2.27 0.00	38.54 2.58 0.00	35.72 2.69 0.00	36.50 2.75 0.00	39.91 2.78 0.00	39.21 2.80 0.00	47.57 3.34 0.00	44.70 3.00 0.00	49.52 3.09 0.00	42.72 2.72 0.00	41.39 2.65 0.00	46.85 2.82 0.00	47.90 2.84 0.00	60.15 2.76 -16.37	49.85 2.88 -0.67	36.29 2.25 0.00	35.22 1.63 -10.08
ARTHUR_KILL_3 23513	36.04 2.17 -2.43	29.56 1.74 -0.10	28.22 1.56 0.00	26.06 1.37 0.00	26.95 1.44 0.00	28.16 1.63 0.00	28.87 1.94 0.00	35.50 2.32 0.00	38.54 2.58 0.00	35.57 2.55 0.00	36.44 2.68 0.00	40.00 2.86 0.00	39.26 2.84 0.00	47.62 3.39 0.00	44.79 3.09 0.00	49.53 3.10 0.00	42.69 2.70 0.00	41.36 2.61 0.00	46.76 2.73 0.00	47.83 2.77 0.00	60.03 2.64 -16.37	49.70 2.72 -0.67	36.14 2.10 0.00	32.03 1.54 -6.97

ARTHUR_KILL_COGEN 323718	37.15 2.20 -3.51	29.71 1.84 -0.15	28.41 1.75 -0.01	26.24 1.54 0.00	27.15 1.64 0.00	28.37 1.84 0.00	29.05 2.11 0.00	35.58 2.39 0.00	38.66 2.70 0.00	35.84 2.82 0.00	36.63 2.88 0.00	40.06 2.92 0.00	39.35 2.94 0.00	47.77 3.54 0.00	44.89 3.18 0.00	49.74 3.31 0.00	42.92 2.93 0.00	41.57 2.83 0.00	47.04 3.01 0.00	48.12 3.06 0.00	60.34 2.95 -16.37	50.07 3.10 -0.67	36.44 2.40 0.00	35.33 1.73 -10.08
ASHOKAN____ 23654	33.14 1.70 0.00	29.05 1.34 0.00	27.89 1.23 0.00	25.83 1.14 0.00	26.67 1.16 0.00	27.76 1.24 0.00	28.32 1.38 0.00	34.97 1.78 0.00	37.91 1.94 0.00	34.70 1.67 0.00	35.36 1.61 0.00	39.02 1.88 0.00	38.37 1.96 0.00	46.97 2.74 0.00	44.55 2.84 0.00	49.70 3.27 0.00	43.12 3.13 0.00	41.96 3.22 0.00	47.83 3.80 0.00	49.02 3.96 0.00	63.15 3.48 -18.65	51.92 3.61 -2.02	36.36 2.33 0.00	24.99 1.47 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.47 2.02 -0.01	29.52 1.79 0.00	28.33 1.67 0.00	26.16 1.47 0.00	27.08 1.57 0.00	28.30 1.77 0.00	29.01 2.07 0.00	35.63 2.45 0.00	38.70 2.74 0.00	35.78 2.75 0.00	36.58 2.83 0.00	40.17 3.04 0.00	39.48 3.07 0.00	47.85 3.62 0.00	44.84 3.14 0.00	49.55 3.12 0.00	42.67 2.68 0.01	41.36 2.62 0.00	46.89 2.86 0.00	47.94 2.88 0.00	60.22 2.84 -16.37	49.88 2.91 -0.67	36.33 2.29 0.00	25.22 1.70 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.47 2.02 -0.01	29.52 1.79 0.00	28.33 1.67 0.00	26.16 1.47 0.00	27.08 1.57 0.00	28.30 1.77 0.00	29.01 2.07 0.00	35.63 2.45 0.00	38.70 2.74 0.00	35.78 2.75 0.00	36.58 2.83 0.00	40.17 3.04 0.00	39.48 3.07 0.00	47.85 3.62 0.00	44.84 3.14 0.00	49.55 3.12 0.00	42.67 2.68 0.01	41.36 2.62 0.00	46.89 2.86 0.00	47.94 2.88 0.00	60.22 2.84 -16.37	49.88 2.91 -0.67	36.33 2.29 0.00	25.22 1.70 0.00
ASTORIA_GT2_1 24094	33.58 2.13 -0.01	29.54 1.82 0.00	28.35 1.69 0.00	26.17 1.48 0.00	27.10 1.59 0.00	28.32 1.79 0.00	29.03 2.10 0.00	35.66 2.47 0.00	38.73 2.77 0.00	35.80 2.77 0.00	36.60 2.85 0.00	40.19 3.06 0.00	39.52 3.11 0.00	47.87 3.64 0.00	44.86 3.16 0.00	49.58 3.15 0.00	42.70 2.71 0.00	41.39 2.64 0.00	46.91 2.88 0.00	47.96 2.90 0.00	60.24 2.85 -16.37	49.91 2.94 -0.67	36.35 2.32 0.00	25.23 1.71 0.00
ASTORIA_GT2_2 24095	33.58 2.13 -0.01	29.54 1.82 0.00	28.35 1.69 0.00	26.17 1.48 0.00	27.10 1.59 0.00	28.32 1.79 0.00	29.03 2.10 0.00	35.66 2.47 0.00	38.73 2.77 0.00	35.80 2.77 0.00	36.60 2.85 0.00	40.19 3.06 0.00	39.52 3.11 0.00	47.87 3.64 0.00	44.86 3.16 0.00	49.58 3.15 0.00	42.70 2.71 0.00	41.39 2.64 0.00	46.91 2.88 0.00	47.96 2.90 0.00	60.24 2.85 -16.37	49.91 2.94 -0.67	36.35 2.32 0.00	25.23 1.71 0.00
ASTORIA_GT2_3 24096	33.58 2.13 -0.01	29.54 1.82 0.00	28.35 1.69 0.00	26.17 1.48 0.00	27.10 1.59 0.00	28.32 1.79 0.00	29.03 2.10 0.00	35.66 2.47 0.00	38.73 2.77 0.00	35.80 2.77 0.00	36.60 2.85 0.00	40.19 3.06 0.00	39.52 3.11 0.00	47.87 3.64 0.00	44.86 3.16 0.00	49.58 3.15 0.00	42.70 2.71 0.00	41.39 2.64 0.00	46.91 2.88 0.00	47.96 2.90 0.00	60.24 2.85 -16.37	49.91 2.94 -0.67	36.35 2.32 0.00	25.23 1.71 0.00
ASTORIA_GT2_4 24097	33.58 2.13 -0.01	29.54 1.82 0.00	28.35 1.69 0.00	26.17 1.48 0.00	27.10 1.59 0.00	28.32 1.79 0.00	29.03 2.10 0.00	35.66 2.47 0.00	38.73 2.77 0.00	35.80 2.77 0.00	36.60 2.85 0.00	40.19 3.06 0.00	39.52 3.11 0.00	47.87 3.64 0.00	44.86 3.16 0.00	49.58 3.15 0.00	42.70 2.71 0.00	41.39 2.64 0.00	46.91 2.88 0.00	47.96 2.90 0.00	60.24 2.85 -16.37	49.91 2.94 -0.67	36.35 2.32 0.00	25.23 1.71 0.00
ASTORIA_GT3_1 24098	33.58 2.13 -0.01	29.54 1.82 0.00	28.35 1.69 0.00	26.17 1.48 0.00	27.10 1.59 0.00	28.32 1.79 0.00	29.03 2.10 0.00	35.66 2.47 0.00	38.73 2.77 0.00	35.80 2.77 0.00	36.60 2.85 0.00	40.19 3.06 0.00	39.52 3.11 0.00	47.87 3.64 0.00	44.86 3.16 0.00	49.58 3.15 0.00	42.70 2.71 0.00	41.39 2.64 0.00	46.91 2.88 0.00	47.96 2.90 0.00	60.24 2.85 -16.37	49.91 2.94 -0.67	36.35 2.32 0.00	25.23 1.71 0.00
ASTORIA_GT3_2 24099	33.58 2.13 -0.01	29.54 1.82 0.00	28.35 1.69 0.00	26.17 1.48 0.00	27.10 1.59 0.00	28.32 1.79 0.00	29.03 2.10 0.00	35.66 2.47 0.00	38.73 2.77 0.00	35.80 2.77 0.00	36.60 2.85 0.00	40.19 3.06 0.00	39.52 3.11 0.00	47.87 3.64 0.00	44.86 3.16 0.00	49.58 3.15 0.00	42.70 2.71 0.00	41.39 2.64 0.00	46.91 2.88 0.00	47.96 2.90 0.00	60.24 2.85 -16.37	49.91 2.94 -0.67	36.35 2.32 0.00	25.23 1.71 0.00
ASTORIA_GT3_3 24100	33.58 2.13 -0.01	29.54 1.82 0.00	28.35 1.69 0.00	26.17 1.48 0.00	27.10 1.59 0.00	28.32 1.79 0.00	29.03 2.10 0.00	35.66 2.47 0.00	38.73 2.77 0.00	35.80 2.77 0.00	36.60 2.85 0.00	40.19 3.06 0.00	39.52 3.11 0.00	47.87 3.64 0.00	44.86 3.16 0.00	49.58 3.15 0.00	42.70 2.71 0.00	41.39 2.64 0.00	46.91 2.88 0.00	47.96 2.90 0.00	60.24 2.85 -16.37	49.91 2.94 -0.67	36.35 2.32 0.00	25.23 1.71 0.00
ASTORIA_GT3_4 24101	33.58 2.13 -0.01	29.54 1.82 0.00	28.35 1.69 0.00	26.17 1.48 0.00	27.10 1.59 0.00	28.32 1.79 0.00	29.03 2.10 0.00	35.66 2.47 0.00	38.73 2.77 0.00	35.80 2.77 0.00	36.60 2.85 0.00	40.19 3.06 0.00	39.52 3.11 0.00	47.87 3.64 0.00	44.86 3.16 0.00	49.58 3.15 0.00	42.70 2.71 0.00	41.39 2.64 0.00	46.91 2.88 0.00	47.96 2.90 0.00	60.24 2.85 -16.37	49.91 2.94 -0.67	36.35 2.32 0.00	25.23 1.71 0.00
ASTORIA_GT4_1 24102	33.58 2.13 -0.01	29.54 1.82 0.00	28.35 1.69 0.00	26.17 1.48 0.00	27.10 1.59 0.00	28.32 1.79 0.00	29.03 2.10 0.00	35.66 2.47 0.00	38.73 2.77 0.00	35.80 2.77 0.00	36.60 2.85 0.00	40.19 3.06 0.00	39.52 3.11 0.00	47.87 3.64 0.00	44.86 3.16 0.00	49.58 3.15 0.00	42.70 2.71 0.00	41.39 2.64 0.00	46.91 2.88 0.00	47.96 2.90 0.00	60.24 2.85 -16.37	49.91 2.94 -0.67	36.35 2.32 0.00	25.23 1.71 0.00
ASTORIA_GT4_2 24103	33.58 2.13 -0.01	29.54 1.82 0.00	28.35 1.69 0.00	26.17 1.48 0.00	27.10 1.59 0.00	28.32 1.79 0.00	29.03 2.10 0.00	35.66 2.47 0.00	38.73 2.77 0.00	35.80 2.77 0.00	36.60 2.85 0.00	40.19 3.06 0.00	39.52 3.11 0.00	47.87 3.64 0.00	44.86 3.16 0.00	49.58 3.15 0.00	42.70 2.71 0.00	41.39 2.64 0.00	46.91 2.88 0.00	47.96 2.90 0.00	60.24 2.85 -16.37	49.91 2.94 -0.67	36.35 2.32 0.00	25.23 1.71 0.00
ASTORIA_GT4_3 24104	33.58 2.13 -0.01	29.54 1.82 0.00	28.35 1.69 0.00	26.17 1.48 0.00	27.10 1.59 0.00	28.32 1.79 0.00	29.03 2.10 0.00	35.66 2.47 0.00	38.73 2.77 0.00	35.80 2.77 0.00	36.60 2.85 0.00	40.19 3.06 0.00	39.52 3.11 0.00	47.87 3.64 0.00	44.86 3.16 0.00	49.58 3.15 0.00	42.70 2.71 0.00	41.39 2.64 0.00	46.91 2.88 0.00	47.96 2.90 0.00	60.24 2.85 -16.37	49.91 2.94 -0.67	36.35 2.32 0.00	25.23 1.71 0.00

ASTORIA_GT4_4 24105	33.58 2.13 -0.01	29.54 1.82 0.00	28.35 1.69 0.00	26.17 1.48 0.00	27.10 1.59 0.00	28.32 1.79 0.00	29.03 2.10 0.00	35.66 2.47 0.00	38.73 2.77 0.00	35.80 2.77 0.00	36.60 2.85 0.00	40.19 3.06 0.00	39.52 3.11 0.00	47.87 3.64 0.00	44.86 3.16 0.00	49.58 3.15 0.00	42.70 2.71 0.00	41.39 2.64 0.00	46.91 2.88 0.00	47.96 2.90 0.00	60.24 2.85 -16.37	49.91 2.94 -0.67	36.35 2.32 0.00	25.23 1.71 0.00
ASTORIA_GT_1 23523	33.56 2.11 -0.01	29.60 1.88 0.00	28.41 1.75 0.00	26.24 1.54 0.00	27.15 1.64 0.00	28.38 1.85 0.00	29.09 2.15 0.00	35.74 2.55 0.00	38.83 2.87 0.00	35.89 2.87 0.00	36.70 2.95 0.00	40.30 3.17 0.00	39.63 3.22 0.00	48.01 3.78 0.00	44.99 3.29 0.00	49.72 3.30 0.00	42.81 2.83 0.01	41.50 2.76 0.00	47.04 3.01 0.00	48.09 3.04 0.00	60.36 2.98 -16.37	50.04 3.07 -0.67	36.45 2.41 0.00	25.30 1.77 0.00
ASTORIA_GT_10 24110	34.32 2.28 -0.60	29.62 1.88 -0.02	28.38 1.72 0.00	26.22 1.52 0.00	27.12 1.61 0.00	28.34 1.81 0.00	29.06 2.12 0.00	35.71 2.53 0.00	38.76 2.80 0.00	35.81 2.78 0.00	36.66 2.91 0.00	40.26 3.12 0.00	39.53 3.12 0.00	47.89 3.66 0.00	44.98 3.28 0.00	49.74 3.31 0.00	42.86 2.86 0.00	41.53 2.79 0.00	46.99 2.96 0.00	48.02 2.97 0.00	60.23 2.84 -16.37	49.93 2.96 -0.67	36.36 2.32 0.00	26.94 1.70 -1.73
ASTORIA_GT_11 24225	34.32 2.28 -0.60	29.62 1.88 -0.02	28.38 1.72 0.00	26.22 1.52 0.00	27.12 1.61 0.00	28.34 1.81 0.00	29.06 2.12 0.00	35.71 2.53 0.00	38.76 2.80 0.00	35.81 2.78 0.00	36.66 2.91 0.00	40.26 3.12 0.00	39.53 3.12 0.00	47.89 3.66 0.00	44.98 3.28 0.00	49.74 3.31 0.00	42.86 2.86 0.00	41.53 2.79 0.00	46.99 2.96 0.00	48.02 2.97 0.00	60.23 2.84 -16.37	49.93 2.96 -0.67	36.36 2.32 0.00	26.94 1.70 -1.73
ASTORIA_GT_12 24226	34.32 2.28 -0.60	29.62 1.88 -0.02	28.38 1.72 0.00	26.22 1.52 0.00	27.12 1.61 0.00	28.34 1.81 0.00	29.06 2.12 0.00	35.71 2.53 0.00	38.76 2.80 0.00	35.81 2.78 0.00	36.66 2.91 0.00	40.26 3.12 0.00	39.53 3.12 0.00	47.89 3.66 0.00	44.98 3.28 0.00	49.74 3.31 0.00	42.86 2.86 0.00	41.53 2.79 0.00	46.99 2.96 0.00	48.02 2.97 0.00	60.23 2.84 -16.37	49.93 2.96 -0.67	36.36 2.32 0.00	26.94 1.70 -1.73
ASTORIA_GT_13 24227	34.32 2.28 -0.60	29.62 1.88 -0.02	28.38 1.72 0.00	26.22 1.52 0.00	27.12 1.61 0.00	28.34 1.81 0.00	29.06 2.12 0.00	35.71 2.53 0.00	38.76 2.80 0.00	35.81 2.78 0.00	36.66 2.91 0.00	40.26 3.12 0.00	39.53 3.12 0.00	47.89 3.66 0.00	44.98 3.28 0.00	49.74 3.31 0.00	42.86 2.86 0.00	41.53 2.79 0.00	46.99 2.96 0.00	48.02 2.97 0.00	60.23 2.84 -16.37	49.93 2.96 -0.67	36.36 2.32 0.00	26.94 1.70 -1.73
ASTORIA_GT_5 24106	33.66 2.21 -0.01	29.60 1.89 0.00	28.41 1.75 0.00	26.24 1.54 0.00	27.15 1.64 0.00	28.38 1.85 0.00	29.09 2.16 0.00	35.74 2.55 0.00	38.83 2.86 0.00	35.89 2.87 0.00	36.70 2.95 0.00	40.30 3.17 0.00	39.63 3.22 0.00	48.01 3.78 0.00	44.99 3.29 0.00	49.72 3.29 0.00	42.82 2.83 0.00	41.51 2.77 0.00	47.04 3.01 0.00	48.09 3.04 0.00	60.36 2.97 -16.37	50.04 3.07 -0.67	36.45 2.41 0.00	25.29 1.77 0.00
ASTORIA_GT_7 24107	33.66 2.21 -0.01	29.60 1.89 0.00	28.41 1.75 0.00	26.24 1.54 0.00	27.15 1.64 0.00	28.38 1.85 0.00	29.09 2.16 0.00	35.74 2.55 0.00	38.83 2.86 0.00	35.89 2.87 0.00	36.70 2.95 0.00	40.30 3.17 0.00	39.63 3.22 0.00	48.01 3.78 0.00	44.99 3.29 0.00	49.72 3.29 0.00	42.82 2.83 0.00	41.51 2.77 0.00	47.04 3.01 0.00	48.09 3.04 0.00	60.36 2.97 -16.37	50.04 3.07 -0.67	36.45 2.41 0.00	25.29 1.77 0.00
ASTORIA_GT_8 24108	33.66 2.21 -0.01	29.60 1.89 0.00	28.41 1.75 0.00	26.24 1.54 0.00	27.15 1.64 0.00	28.38 1.85 0.00	29.09 2.16 0.00	35.74 2.55 0.00	38.83 2.86 0.00	35.89 2.87 0.00	36.70 2.95 0.00	40.30 3.17 0.00	39.63 3.22 0.00	48.01 3.78 0.00	44.99 3.29 0.00	49.72 3.29 0.00	42.82 2.83 0.00	41.51 2.77 0.00	47.04 3.01 0.00	48.09 3.04 0.00	60.36 2.97 -16.37	50.04 3.07 -0.67	36.45 2.41 0.00	25.29 1.77 0.00
ASTORIA___2 24149	33.48 2.04 -0.01	29.53 1.81 0.00	28.35 1.69 0.00	26.17 1.48 0.00	27.10 1.59 0.00	28.32 1.79 0.00	29.03 2.10 0.00	35.66 2.47 0.00	38.73 2.77 0.00	35.80 2.77 0.00	36.60 2.85 0.00	40.19 3.06 0.00	39.51 3.10 0.00	47.87 3.64 0.00	44.86 3.16 0.00	49.58 3.16 0.00	42.69 2.70 0.01	41.38 2.64 0.00	46.90 2.88 0.00	47.96 2.90 0.00	60.24 2.86 -16.37	49.91 2.94 -0.67	36.36 2.32 0.00	25.24 1.71 0.00
ASTORIA___3 23516	34.28 2.24 -0.60	29.62 1.87 -0.02	28.38 1.72 0.00	26.22 1.52 0.00	27.12 1.61 0.00	28.34 1.81 0.00	29.06 2.12 0.00	35.72 2.53 0.00	38.76 2.80 0.00	35.81 2.78 0.00	36.66 2.91 0.00	40.25 3.12 0.00	39.51 3.10 0.00	47.89 3.66 0.00	44.98 3.28 0.00	49.74 3.31 0.00	42.85 2.86 0.00	41.52 2.78 0.00	46.98 2.96 0.00	48.03 2.97 0.00	60.23 2.84 -16.37	49.94 2.96 -0.67	36.35 2.31 0.00	26.95 1.70 -1.73
ASTORIA___4 23517	34.32 2.28 -0.60	29.62 1.88 -0.02	28.38 1.72 0.00	26.22 1.52 0.00	27.12 1.61 0.00	28.34 1.81 0.00	29.06 2.12 0.00	35.71 2.53 0.00	38.76 2.80 0.00	35.81 2.78 0.00	36.66 2.91 0.00	40.26 3.12 0.00	39.53 3.12 0.00	47.88 3.66 0.00	44.98 3.28 0.00	49.74 3.31 0.00	42.86 2.86 0.00	41.53 2.79 0.00	46.98 2.96 0.00	48.02 2.97 0.00	60.23 2.84 -16.37	49.93 2.96 -0.67	36.36 2.32 0.00	26.94 1.70 -1.73
ASTORIA___5 23518	34.29 2.24 -0.60	29.62 1.87 -0.02	28.38 1.72 0.00	26.22 1.52 0.00	27.12 1.61 0.00	28.34 1.81 0.00	29.06 2.12 0.00	35.72 2.53 0.00	38.76 2.80 0.00	35.81 2.78 0.00	36.62 2.87 0.00	40.19 3.06 0.00	39.51 3.10 0.00	47.87 3.64 0.00	44.86 3.16 0.00	49.58 3.15 0.00	42.69 2.70 0.01	41.38 2.64 0.00	46.90 2.88 0.00	47.96 2.90 0.00	60.24 2.85 -16.37	49.91 2.93 -0.67	36.36 2.32 0.00	25.24 1.71 0.00
AST_ENERGY_2_CC3 323677	33.65 2.22 0.00	29.49 1.77 0.00	28.23 1.58 0.00	26.09 1.39 0.00	26.97 1.47 0.00	28.18 1.65 0.00	28.89 1.96 0.00	35.55 2.37 0.00	38.62 2.66 0.00	35.65 2.63 0.00	36.52 2.77 0.00	40.12 2.98 0.00	39.38 2.97 0.00	47.76 3.53 0.00	44.91 3.21 0.00	49.68 3.25 0.00	42.82 2.82 0.00	41.46 2.71 0.00	46.87 2.84 0.00	47.93 2.87 0.00	60.11 2.72 -16.37	49.80 2.83 -0.67	36.19 2.16 0.00	25.08 1.56 0.00
AST_ENERGY_2_CC4 323678	33.65 2.22 0.00	29.49 1.77 0.00	28.23 1.58 0.00	26.09 1.39 0.00	26.97 1.47 0.00	28.18 1.65 0.00	28.89 1.96 0.00	35.55 2.37 0.00	38.62 2.66 0.00	35.65 2.63 0.00	36.52 2.77 0.00	40.12 2.98 0.00	39.38 2.97 0.00	47.76 3.53 0.00	44.91 3.21 0.00	49.68 3.25 0.00	42.82 2.82 0.00	41.46 2.71 0.00	46.87 2.84 0.00	47.93 2.87 0.00	60.11 2.72 -16.37	49.80 2.83 -0.67	36.19 2.16 0.00	25.08 1.56 0.00

ATHENS_STG_1 23668	32.55 1.11 0.00	28.60 0.89 0.00	27.46 0.80 0.00	25.44 0.74 0.00	26.28 0.77 0.00	27.37 0.83 0.00	27.84 0.91 0.00	34.19 1.00 0.00	37.06 1.10 0.00	34.09 1.06 0.00	34.88 1.13 0.00	38.38 1.25 0.00	37.68 1.27 0.00	45.82 1.59 0.00	43.22 1.51 0.00	47.93 1.50 0.00	41.28 1.29 0.00	39.97 1.23 0.00	45.43 1.40 0.00	46.51 1.46 0.00	52.10 1.43 -9.65	48.25 1.43 -0.52	35.01 0.97 0.00	24.21 0.69 0.00
ATHENS_STG_2 23670	32.55 1.11 0.00	28.60 0.89 0.00	27.46 0.80 0.00	25.44 0.74 0.00	26.28 0.77 0.00	27.37 0.83 0.00	27.84 0.91 0.00	34.19 1.00 0.00	37.06 1.10 0.00	34.09 1.06 0.00	34.88 1.13 0.00	38.38 1.25 0.00	37.68 1.27 0.00	45.82 1.59 0.00	43.22 1.51 0.00	47.93 1.50 0.00	41.28 1.29 0.00	39.97 1.23 0.00	45.43 1.40 0.00	46.51 1.46 0.00	52.10 1.43 -9.65	48.25 1.43 -0.52	35.01 0.97 0.00	24.21 0.69 0.00
ATHENS_STG_3 23677	32.55 1.11 0.00	28.60 0.89 0.00	27.46 0.80 0.00	25.44 0.74 0.00	26.28 0.77 0.00	27.37 0.83 0.00	27.84 0.91 0.00	34.19 1.00 0.00	37.06 1.10 0.00	34.09 1.06 0.00	34.88 1.13 0.00	38.38 1.25 0.00	37.68 1.27 0.00	45.82 1.59 0.00	43.22 1.51 0.00	47.93 1.50 0.00	41.28 1.29 0.00	39.97 1.23 0.00	45.43 1.40 0.00	46.51 1.46 0.00	52.10 1.43 -9.65	48.25 1.43 -0.52	35.01 0.97 0.00	24.21 0.69 0.00
AUBURN___LFGE 323710	31.57 0.13 0.00	27.86 0.15 0.00	26.79 0.14 0.00	24.82 0.12 0.00	25.66 0.15 0.00	26.74 0.21 0.00	27.03 0.09 0.00	33.04 -0.15 0.00	35.77 -0.19 0.00	32.86 -0.17 0.00	33.46 -0.29 0.00	37.03 -0.11 0.00	36.49 0.08 0.00	44.35 0.12 0.00	42.18 0.48 0.00	47.13 0.70 0.00	40.69 0.70 0.00	39.36 0.62 0.00	44.64 0.61 0.00	45.56 0.50 0.00	41.05 0.04 0.00	46.38 0.09 0.00	34.12 0.08 0.00	23.43 -0.09 0.00
BABYLON_RES_REC 323704	34.37 2.71 -0.22	29.86 2.14 0.00	28.56 1.90 0.00	26.47 1.77 0.00	27.30 1.79 0.00	29.22 2.09 -0.60	35.27 2.43 -5.91	36.07 2.88 0.00	38.89 2.93 0.00	37.24 3.13 -1.09	38.39 3.22 -1.42	40.36 3.23 0.00	39.67 3.19 -0.08	47.61 3.38 0.00	44.69 2.99 0.00	49.17 2.74 0.00	42.47 2.48 0.00	41.39 2.65 0.00	46.80 2.77 0.00	47.85 2.79 0.00	60.35 2.94 -16.39	49.65 2.68 -0.67	36.46 2.43 0.00	25.29 1.77 0.00
BABYLON__69_KV_BK2 356345	34.73 3.07 -0.22	30.16 2.44 0.00	28.84 2.18 0.00	26.73 2.04 0.00	27.56 2.05 0.00	29.51 2.38 -0.60	35.56 2.72 -5.91	36.43 3.24 0.00	39.32 3.36 0.00	37.68 3.57 -1.08	38.90 3.72 -1.42	41.11 3.97 0.00	40.50 4.02 -0.07	48.63 4.40 0.00	45.60 3.89 0.00	50.26 3.83 0.00	43.43 3.43 0.00	42.35 3.61 0.00	47.86 3.84 0.00	49.00 3.94 0.00	61.28 3.87 -16.39	50.57 3.60 -0.67	36.90 2.87 0.00	25.58 2.06 0.00
BALL_HILL_WT_PWR 323825	30.57 -0.87 0.00	26.80 -0.92 0.00	25.80 -0.86 0.00	23.94 -0.75 0.00	24.75 -0.76 0.00	25.63 -0.90 0.00	26.01 -0.93 0.00	32.43 -0.76 0.00	35.24 -0.72 0.00	32.58 -0.45 0.00	33.38 -0.37 0.00	36.77 -0.36 0.00	36.34 -0.07 0.00	44.14 -0.09 0.00	42.24 0.53 0.00	47.34 0.91 0.00	40.84 0.84 0.00	39.29 0.55 0.00	44.19 0.16 0.00	44.94 -0.11 0.00	40.30 -0.72 0.00	46.16 -0.14 0.00	34.09 0.05 0.00	23.23 -0.28 0.00
BARON_WINDS___WT_PWR 323822	30.98 -0.46 0.00	27.19 -0.53 0.00	26.13 -0.53 0.00	24.28 -0.42 0.00	25.10 -0.41 0.00	26.08 -0.45 0.00	26.51 -0.42 0.00	32.69 -0.50 0.00	35.57 -0.39 0.00	32.74 -0.29 0.00	33.50 -0.25 0.00	36.85 -0.28 0.00	36.39 -0.02 0.00	44.20 -0.03 0.00	42.13 0.43 0.00	47.11 0.69 0.00	40.68 0.69 0.00	39.02 0.28 0.00	43.78 -0.25 0.00	44.65 -0.41 0.00	40.90 -0.95 -0.84	45.88 -0.42 0.00	33.85 -0.19 0.00	23.21 -0.31 0.00
BARRETT_IC_1 23704	34.15 2.50 -0.22	29.73 2.02 0.00	28.45 1.79 0.00	26.33 1.64 0.00	27.18 1.67 0.00	29.05 1.92 -0.60	35.06 2.21 -5.91	35.77 2.58 0.00	38.60 2.64 0.00	36.93 2.82 -1.09	38.09 2.91 -1.42	40.22 3.09 0.00	39.57 3.08 -0.08	47.61 3.38 0.00	44.72 3.02 0.00	49.31 2.88 0.00	42.55 2.55 0.00	41.41 2.67 0.00	46.81 2.78 0.00	47.83 2.77 0.00	60.14 2.73 -16.39	49.48 2.50 -0.67	36.35 2.31 -0.01	25.20 1.68 0.00
BARRETT_IC_10 23701	34.15 2.50 -0.22	29.73 2.02 0.00	28.45 1.79 0.00	26.33 1.64 0.00	27.18 1.67 0.00	29.05 1.92 -0.60	35.06 2.21 -5.91	35.77 2.58 0.00	38.60 2.64 0.00	36.93 2.82 -1.09	38.09 2.91 -1.42	40.22 3.09 0.00	39.57 3.08 -0.08	47.61 3.38 0.00	44.72 3.02 0.00	49.31 2.88 0.00	42.55 2.55 0.00	41.41 2.67 0.00	46.81 2.78 0.00	47.83 2.77 0.00	60.14 2.73 -16.39	49.48 2.50 -0.67	36.35 2.31 -0.01	25.20 1.68 0.00
BARRETT_IC_11 23702	34.15 2.50 -0.22	29.73 2.02 0.00	28.45 1.79 0.00	26.33 1.64 0.00	27.18 1.67 0.00	29.05 1.92 -0.60	35.06 2.21 -5.91	35.77 2.58 0.00	38.60 2.64 0.00	36.93 2.82 -1.09	38.09 2.91 -1.42	40.22 3.09 0.00	39.57 3.08 -0.08	47.61 3.38 0.00	44.72 3.02 0.00	49.31 2.88 0.00	42.55 2.55 0.00	41.41 2.67 0.00	46.81 2.78 0.00	47.83 2.77 0.00	60.14 2.73 -16.39	49.48 2.50 -0.67	36.35 2.31 -0.01	25.20 1.68 0.00
BARRETT_IC_12 23703	34.15 2.50 -0.22	29.73 2.02 0.00	28.45 1.79 0.00	26.33 1.64 0.00	27.18 1.67 0.00	29.05 1.92 -0.60	35.06 2.21 -5.91	35.77 2.58 0.00	38.60 2.64 0.00	36.93 2.82 -1.09	38.09 2.91 -1.42	40.22 3.09 0.00	39.57 3.08 -0.08	47.61 3.38 0.00	44.72 3.02 0.00	49.31 2.88 0.00	42.55 2.55 0.00	41.41 2.67 0.00	46.81 2.78 0.00	47.83 2.77 0.00	60.14 2.73 -16.39	49.48 2.50 -0.67	36.35 2.31 -0.01	25.20 1.68 0.00
BARRETT_IC_2 23705	34.15 2.50 -0.22	29.73 2.02 0.00	28.45 1.79 0.00	26.33 1.64 0.00	27.18 1.67 0.00	29.05 1.92 -0.60	35.06 2.21 -5.91	35.77 2.58 0.00	38.60 2.64 0.00	36.93 2.82 -1.09	38.09 2.91 -1.42	40.22 3.09 0.00	39.57 3.08 -0.08	47.61 3.38 0.00	44.72 3.02 0.00	49.31 2.88 0.00	42.55 2.55 0.00	41.41 2.67 0.00	46.81 2.78 0.00	47.83 2.77 0.00	60.14 2.73 -16.39	49.48 2.50 -0.67	36.35 2.31 -0.01	25.20 1.68 0.00
BARRETT_IC_3 23706	34.15 2.50 -0.22	29.73 2.02 0.00	28.45 1.79 0.00	26.33 1.64 0.00	27.18 1.67 0.00	29.05 1.92 -0.60	35.06 2.21 -5.91	35.77 2.58 0.00	38.60 2.64 0.00	36.93 2.82 -1.09	38.09 2.91 -1.42	40.22 3.09 0.00	39.57 3.08 -0.08	47.61 3.38 0.00	44.72 3.02 0.00	49.31 2.88 0.00	42.55 2.55 0.00	41.41 2.67 0.00	46.81 2.78 0.00	47.83 2.77 0.00	60.14 2.73 -16.39	49.48 2.50 -0.67	36.35 2.31 -0.01	25.20 1.68 0.00
BARRETT_IC_4 23707	34.15 2.50 -0.22	29.73 2.02 0.00	28.45 1.79 0.00	26.33 1.64 0.00	27.18 1.67 0.00	29.05 1.92 -0.60	35.06 2.21 -5.91	35.77 2.58 0.00	38.60 2.64 0.00	36.93 2.82 -1.09	38.09 2.91 -1.42	40.22 3.09 0.00	39.57 3.08 -0.08	47.61 3.38 0.00	44.72 3.02 0.00	49.31 2.88 0.00	42.55 2.55 0.00	41.41 2.67 0.00	46.81 2.78 0.00	47.83 2.77 0.00	60.14 2.73 -16.39	49.48 2.50 -0.67	36.35 2.31 -0.01	25.20 1.68 0.00

BARRETT_IC_5 23708	34.15 2.50 -0.22	29.73 2.02 0.00	28.45 1.79 0.00	26.33 1.64 0.00	27.18 1.67 0.00	29.05 1.92 -0.60	35.06 2.21 -5.91	35.77 2.58 0.00	38.60 2.64 0.00	36.93 2.82 -1.09	38.09 2.91 -1.42	40.22 3.09 0.00	39.57 3.08 -0.08	47.61 3.38 0.00	44.72 3.02 0.00	49.31 2.88 0.00	42.55 2.55 0.00	41.41 2.67 0.00	46.81 2.78 0.00	47.83 2.77 0.00	60.14 2.73 -16.39	49.48 2.50 -0.67	36.35 2.31 -0.01	25.20 1.68 0.00
BARRETT_IC_6 23709	34.15 2.50 -0.22	29.73 2.02 0.00	28.45 1.79 0.00	26.33 1.64 0.00	27.18 1.67 0.00	29.05 1.92 -0.60	35.06 2.21 -5.91	35.77 2.58 0.00	38.60 2.64 0.00	36.93 2.82 -1.09	38.09 2.91 -1.42	40.22 3.09 0.00	39.57 3.08 -0.08	47.61 3.38 0.00	44.72 3.02 0.00	49.31 2.88 0.00	42.55 2.55 0.00	41.41 2.67 0.00	46.81 2.78 0.00	47.83 2.77 0.00	60.14 2.73 -16.39	49.48 2.50 -0.67	36.35 2.31 -0.01	25.20 1.68 0.00
BARRETT_IC_7 23710	34.15 2.49 -0.22	29.73 2.01 0.00	28.45 1.79 0.00	26.33 1.64 0.00	27.18 1.67 0.00	29.05 1.92 -0.60	35.06 2.21 -5.91	35.76 2.57 0.00	38.60 2.64 0.00	36.93 2.82 -1.08	38.09 2.91 -1.42	40.21 3.08 0.00	39.58 3.10 -0.07	47.61 3.38 0.00	44.71 3.01 0.00	49.31 2.88 0.00	42.55 2.55 0.00	41.41 2.67 0.00	46.81 2.78 0.00	47.83 2.77 0.00	60.14 2.73 -16.39	49.47 2.50 -0.67	36.35 2.31 0.00	25.20 1.68 0.00
BARRETT_IC_8 23711	34.15 2.50 -0.22	29.73 2.02 0.00	28.45 1.79 0.00	26.33 1.64 0.00	27.18 1.67 0.00	29.05 1.92 -0.60	35.06 2.21 -5.91	35.77 2.58 0.00	38.60 2.64 0.00	36.93 2.82 -1.09	38.09 2.91 -1.42	40.22 3.09 0.00	39.57 3.08 -0.08	47.61 3.38 0.00	44.72 3.02 0.00	49.31 2.88 0.00	42.55 2.55 0.00	41.41 2.67 0.00	46.81 2.78 0.00	47.83 2.77 0.00	60.14 2.73 -16.39	49.48 2.50 -0.67	36.35 2.31 -0.01	25.20 1.68 0.00
BARRETT_IC_9 23700	34.15 2.50 -0.22	29.73 2.02 0.00	28.45 1.79 0.00	26.33 1.64 0.00	27.18 1.67 0.00	29.05 1.92 -0.60	35.06 2.21 -5.91	35.77 2.58 0.00	38.60 2.64 0.00	36.93 2.82 -1.09	38.09 2.91 -1.42	40.22 3.09 0.00	39.57 3.08 -0.08	47.61 3.38 0.00	44.72 3.02 0.00	49.31 2.88 0.00	42.55 2.55 0.00	41.41 2.67 0.00	46.81 2.78 0.00	47.83 2.77 0.00	60.14 2.73 -16.39	49.48 2.50 -0.67	36.35 2.31 -0.01	25.20 1.68 0.00
BARRETT___1 23545	34.15 2.50 -0.22	29.73 2.02 0.00	28.45 1.79 0.00	26.33 1.64 0.00	27.18 1.67 0.00	29.05 1.92 -0.60	35.06 2.21 -5.91	35.77 2.58 0.00	38.60 2.64 0.00	36.93 2.82 -1.09	38.09 2.91 -1.42	40.22 3.09 0.00	39.57 3.08 -0.08	47.61 3.38 0.00	44.72 3.02 0.00	49.31 2.88 0.00	42.55 2.55 0.00	41.41 2.67 0.00	46.81 2.78 0.00	47.83 2.77 0.00	60.14 2.73 -16.39	49.48 2.50 -0.67	36.35 2.31 -0.01	25.20 1.68 0.00
BARRETT___2 23546	34.15 2.50 -0.22	29.73 2.02 0.00	28.45 1.79 0.00	26.33 1.64 0.00	27.18 1.67 0.00	29.05 1.92 -0.60	35.06 2.21 -5.91	35.77 2.58 0.00	38.60 2.64 0.00	36.93 2.82 -1.09	38.09 2.91 -1.42	40.22 3.09 0.00	39.57 3.08 -0.08	47.61 3.38 0.00	44.72 3.02 0.00	49.31 2.88 0.00	42.55 2.55 0.00	41.41 2.67 0.00	46.81 2.78 0.00	47.83 2.77 0.00	60.14 2.73 -16.39	49.48 2.50 -0.67	36.35 2.31 -0.01	25.20 1.68 0.00
BATAVIA__115KV_TB1 55881	31.18 -0.26 0.00	27.33 -0.39 0.00	26.30 -0.36 0.00	24.35 -0.34 0.00	25.16 -0.34 0.00	26.03 -0.50 0.00	26.34 -0.59 0.00	32.65 -0.54 0.00	35.35 -0.61 0.00	32.64 -0.38 0.00	33.50 -0.25 0.00	36.88 -0.26 0.00	36.43 0.02 0.00	44.47 0.24 0.00	42.63 0.92 0.00	47.87 1.44 0.00	41.49 1.50 0.00	40.11 1.37 0.00	45.22 1.19 0.00	45.87 0.81 0.00	41.26 0.24 0.00	47.09 0.79 0.00	34.64 0.60 0.00	23.65 0.14 0.00
BAYONEEC___CTG1 323682	33.70 2.26 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.12 1.43 0.00	27.01 1.51 0.00	28.23 1.70 0.00	28.94 2.00 0.00	35.60 2.41 0.00	38.66 2.70 0.00	35.70 2.67 0.00	36.56 2.81 0.00	40.14 3.01 0.00	39.40 2.99 0.00	47.80 3.57 0.00	44.94 3.24 0.00	49.71 3.28 0.00	42.84 2.84 0.00	41.49 2.75 0.00	46.92 2.90 0.00	47.98 2.92 0.00	60.15 2.76 -16.37	49.86 2.89 -0.67	36.26 2.22 0.00	25.12 1.60 0.00
BAYONEEC___CTG10 323750	33.70 2.26 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.12 1.43 0.00	27.01 1.51 0.00	28.23 1.70 0.00	28.94 2.00 0.00	35.60 2.41 0.00	38.66 2.70 0.00	35.70 2.67 0.00	36.56 2.81 0.00	40.14 3.01 0.00	39.40 2.99 0.00	47.80 3.57 0.00	44.94 3.24 0.00	49.71 3.28 0.00	42.84 2.84 0.00	41.49 2.75 0.00	46.92 2.90 0.00	47.98 2.92 0.00	60.15 2.76 -16.37	49.86 2.89 -0.67	36.26 2.22 0.00	25.12 1.60 0.00
BAYONEEC___CTG2 323683	33.70 2.26 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.12 1.43 0.00	27.01 1.51 0.00	28.23 1.70 0.00	28.94 2.00 0.00	35.60 2.41 0.00	38.66 2.70 0.00	35.70 2.67 0.00	36.56 2.81 0.00	40.14 3.01 0.00	39.40 2.99 0.00	47.80 3.57 0.00	44.94 3.24 0.00	49.71 3.28 0.00	42.84 2.84 0.00	41.49 2.75 0.00	46.92 2.90 0.00	47.98 2.92 0.00	60.15 2.76 -16.37	49.86 2.89 -0.67	36.26 2.22 0.00	25.12 1.60 0.00
BAYONEEC___CTG3 323684	33.70 2.26 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.12 1.43 0.00	27.01 1.51 0.00	28.23 1.70 0.00	28.94 2.00 0.00	35.60 2.41 0.00	38.66 2.70 0.00	35.70 2.67 0.00	36.56 2.81 0.00	40.14 3.01 0.00	39.40 2.99 0.00	47.80 3.57 0.00	44.94 3.24 0.00	49.71 3.28 0.00	42.84 2.84 0.00	41.49 2.75 0.00	46.92 2.90 0.00	47.98 2.92 0.00	60.15 2.76 -16.37	49.86 2.89 -0.67	36.26 2.22 0.00	25.12 1.60 0.00
BAYONEEC___CTG4 323685	33.70 2.26 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.12 1.43 0.00	27.01 1.51 0.00	28.23 1.70 0.00	28.94 2.00 0.00	35.60 2.41 0.00	38.66 2.70 0.00	35.70 2.67 0.00	36.56 2.81 0.00	40.14 3.01 0.00	39.40 2.99 0.00	47.80 3.57 0.00	44.94 3.24 0.00	49.71 3.28 0.00	42.84 2.84 0.00	41.49 2.75 0.00	46.92 2.90 0.00	47.98 2.92 0.00	60.15 2.76 -16.37	49.86 2.89 -0.67	36.26 2.22 0.00	25.12 1.60 0.00
BAYONEEC___CTG5 323686	33.70 2.26 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.12 1.43 0.00	27.01 1.51 0.00	28.23 1.70 0.00	28.94 2.00 0.00	35.60 2.41 0.00	38.66 2.70 0.00	35.70 2.67 0.00	36.56 2.81 0.00	40.14 3.01 0.00	39.40 2.99 0.00	47.80 3.57 0.00	44.94 3.24 0.00	49.71 3.28 0.00	42.84 2.84 0.00	41.49 2.75 0.00	46.92 2.90 0.00	47.98 2.92 0.00	60.15 2.76 -16.37	49.86 2.89 -0.67	36.26 2.22 0.00	25.12 1.60 0.00
BAYONEEC___CTG6 323687	33.70 2.26 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.12 1.43 0.00	27.01 1.51 0.00	28.23 1.70 0.00	28.94 2.00 0.00	35.60 2.41 0.00	38.66 2.70 0.00	35.70 2.67 0.00	36.56 2.81 0.00	40.14 3.01 0.00	39.40 2.99 0.00	47.80 3.57 0.00	44.94 3.24 0.00	49.71 3.28 0.00	42.84 2.84 0.00	41.49 2.75 0.00	46.92 2.90 0.00	47.98 2.92 0.00	60.15 2.76 -16.37	49.86 2.89 -0.67	36.26 2.22 0.00	25.12 1.60 0.00

BAYONEEC___CTG7 323688	33.70 2.26 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.12 1.43 0.00	27.01 1.51 0.00	28.23 1.70 0.00	28.94 2.00 0.00	35.60 2.41 0.00	38.66 2.70 0.00	35.70 2.67 0.00	36.56 2.81 0.00	40.14 3.01 0.00	39.40 2.99 0.00	47.80 3.57 0.00	44.94 3.24 0.00	49.71 3.28 0.00	42.84 2.84 0.00	41.49 2.75 0.00	46.92 2.90 0.00	47.98 2.92 0.00	60.15 2.76 -16.37	49.86 2.89 -0.67	36.26 2.22 0.00	25.12 1.60 0.00
BAYONEEC___CTG8 323689	33.70 2.26 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.12 1.43 0.00	27.01 1.51 0.00	28.23 1.70 0.00	28.94 2.00 0.00	35.60 2.41 0.00	38.66 2.70 0.00	35.70 2.67 0.00	36.56 2.81 0.00	40.14 3.01 0.00	39.40 2.99 0.00	47.80 3.57 0.00	44.94 3.24 0.00	49.71 3.28 0.00	42.84 2.84 0.00	41.49 2.75 0.00	46.92 2.90 0.00	47.98 2.92 0.00	60.15 2.76 -16.37	49.86 2.89 -0.67	36.26 2.22 0.00	25.12 1.60 0.00
BAYONEEC___CTG9 323749	33.70 2.26 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.12 1.43 0.00	27.01 1.51 0.00	28.23 1.70 0.00	28.94 2.00 0.00	35.60 2.41 0.00	38.66 2.70 0.00	35.70 2.67 0.00	36.56 2.81 0.00	40.14 3.01 0.00	39.40 2.99 0.00	47.80 3.57 0.00	44.94 3.24 0.00	49.71 3.28 0.00	42.84 2.84 0.00	41.49 2.75 0.00	46.92 2.90 0.00	47.98 2.92 0.00	60.15 2.76 -16.37	49.86 2.89 -0.67	36.26 2.22 0.00	25.12 1.60 0.00
BEACON___LESR 323632	32.33 0.89 0.00	28.42 0.70 0.00	27.34 0.68 0.00	25.32 0.63 0.00	26.18 0.66 0.00	27.27 0.74 0.00	27.69 0.76 0.00	34.05 0.86 0.00	36.84 0.88 0.00	33.71 0.68 0.00	34.48 0.73 0.00	38.08 0.95 0.00	37.39 0.98 0.00	45.70 1.46 0.00	43.14 1.44 0.00	47.98 1.55 0.00	41.33 1.33 0.00	40.04 1.30 0.00	45.78 1.75 0.00	46.89 1.83 0.00	68.39 1.68 -25.69	51.79 1.69 -3.80	34.99 0.95 0.00	24.17 0.65 0.00
BEAVER RIVER___HYD 24048	31.36 -0.08 0.00	27.60 -0.12 0.00	26.49 -0.17 0.00	24.54 -0.16 0.00	25.36 -0.15 0.00	26.41 -0.12 0.00	26.79 -0.15 0.00	32.72 -0.47 0.00	35.43 -0.53 0.00	32.58 -0.45 0.00	33.33 -0.42 0.00	36.67 -0.47 0.00	36.03 -0.39 0.00	43.88 -0.35 0.00	41.61 -0.09 0.00	46.33 -0.10 0.00	40.18 0.19 0.00	39.05 0.30 0.00	44.60 0.58 0.00	45.76 0.70 0.00	41.68 0.66 0.00	47.05 0.75 0.00	34.36 0.33 0.00	23.41 -0.11 0.00
BEEBEE_GT_13 23619	30.97 -0.47 0.00	27.21 -0.51 0.00	26.19 -0.47 0.00	24.24 -0.46 0.00	25.05 -0.46 0.00	25.97 -0.56 0.00	26.29 -0.65 0.00	32.36 -0.83 0.00	35.05 -0.91 0.00	32.38 -0.65 0.00	33.26 -0.49 0.00	36.64 -0.50 0.00	36.17 -0.24 0.00	44.06 -0.17 0.00	42.06 0.35 0.00	47.17 0.74 0.00	40.73 0.74 0.00	39.29 0.55 0.00	44.34 0.31 0.00	45.06 0.01 0.00	40.65 -0.37 0.00	46.22 -0.08 0.00	33.98 -0.06 0.00	23.24 -0.28 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.59 2.64 -3.51	30.04 2.17 -0.15	28.68 2.01 -0.01	26.46 1.76 0.00	27.39 1.87 0.00	28.63 2.09 0.00	29.34 2.40 0.00	36.04 2.85 0.00	39.14 3.18 0.00	36.18 3.16 0.00	37.05 3.31 0.00	40.66 3.53 0.00	39.96 3.55 0.00	48.48 4.25 0.00	45.54 3.84 0.00	50.42 4.00 0.00	43.48 3.49 0.00	42.11 3.37 0.00	47.64 3.62 0.00	48.72 3.67 0.00	60.85 3.47 -16.37	50.65 3.68 -0.67	36.85 2.81 0.00	35.58 1.99 -10.07
BETHLEHEM___GRP 23843	31.86 0.42 0.00	28.04 0.32 0.00	27.00 0.34 0.00	25.02 0.32 0.00	25.85 0.34 0.00	26.88 0.35 0.00	27.27 0.34 0.00	33.47 0.28 0.00	36.22 0.26 0.00	33.21 0.19 0.00	33.97 0.22 0.00	37.43 0.30 0.00	36.78 0.37 0.00	44.84 0.61 0.00	42.36 0.65 0.00	47.01 0.58 0.00	40.50 0.51 0.00	39.26 0.51 0.00	44.75 0.73 0.00	45.86 0.80 0.00	67.15 0.85 -25.28	50.80 0.76 -3.74	34.40 0.36 0.00	23.78 0.26 0.00
BETHLEHEM___GS1 323560	31.86 0.42 0.00	28.04 0.32 0.00	27.00 0.34 0.00	25.02 0.32 0.00	25.85 0.34 0.00	26.88 0.35 0.00	27.27 0.34 0.00	33.48 0.28 0.00	36.22 0.27 0.00	33.22 0.19 0.00	33.97 0.22 0.00	37.43 0.30 0.00	36.78 0.37 0.00	44.84 0.61 0.00	42.36 0.65 0.00	47.01 0.58 0.00	40.50 0.51 0.00	39.25 0.51 0.00	44.75 0.72 0.00	45.86 0.80 0.00	67.15 0.85 -25.28	50.81 0.77 -3.74	34.40 0.36 0.00	23.78 0.26 0.00
BETHLEHEM___GS2 323561	31.86 0.42 0.00	28.04 0.32 0.00	27.00 0.34 0.00	25.02 0.32 0.00	25.85 0.34 0.00	26.88 0.35 0.00	27.27 0.34 0.00	33.48 0.28 0.00	36.22 0.27 0.00	33.22 0.19 0.00	33.97 0.22 0.00	37.43 0.30 0.00	36.78 0.37 0.00	44.84 0.61 0.00	42.36 0.65 0.00	47.01 0.58 0.00	40.50 0.51 0.00	39.25 0.51 0.00	44.75 0.72 0.00	45.86 0.80 0.00	67.15 0.85 -25.28	50.81 0.77 -3.74	34.40 0.36 0.00	23.78 0.26 0.00
BETHLEHEM___GS3 323562	31.86 0.42 0.00	28.04 0.32 0.00	27.00 0.34 0.00	25.02 0.32 0.00	25.85 0.34 0.00	26.88 0.35 0.00	27.27 0.34 0.00	33.48 0.28 0.00	36.22 0.27 0.00	33.22 0.19 0.00	33.97 0.22 0.00	37.43 0.30 0.00	36.78 0.37 0.00	44.84 0.61 0.00	42.36 0.65 0.00	47.01 0.58 0.00	40.50 0.51 0.00	39.25 0.51 0.00	44.75 0.72 0.00	45.86 0.80 0.00	67.15 0.85 -25.28	50.81 0.77 -3.74	34.40 0.36 0.00	23.78 0.26 0.00
BETHLEHEM___STEEL 23779	30.51 -0.93 0.00	26.76 -0.96 0.00	25.77 -0.89 0.00	23.88 -0.81 0.00	24.67 -0.84 0.00	25.50 -1.03 0.00	25.79 -1.14 0.00	32.18 -1.01 0.00	34.97 -0.99 0.00	32.36 -0.67 0.00	33.20 -0.55 0.00	36.54 -0.60 0.00	36.10 -0.31 0.00	43.91 -0.33 0.00	42.06 0.35 0.00	47.19 0.75 0.00	40.69 0.69 0.00	39.19 0.44 0.00	44.03 0.00 0.00	44.72 -0.34 0.00	40.14 -0.89 0.00	45.95 -0.36 0.00	33.92 -0.12 0.00	23.15 -0.37 0.00
BETHLHEM_115KV_TB1 79974	31.94 0.50 0.00	28.11 0.39 0.00	27.06 0.41 0.00	25.08 0.38 0.00	25.91 0.40 0.00	26.95 0.42 0.00	27.34 0.41 0.00	33.56 0.37 0.00	36.32 0.36 0.00	33.32 0.29 0.00	34.07 0.32 0.00	37.53 0.40 0.00	36.88 0.47 0.00	44.96 0.73 0.00	42.46 0.76 0.00	47.13 0.70 0.00	40.60 0.60 0.00	39.35 0.61 0.00	44.84 0.82 0.00	45.96 0.90 0.00	66.26 0.93 -24.31	50.72 0.86 -3.56	34.49 0.44 0.00	23.84 0.32 0.00
BETHPAGE_CC_5 323564	34.24 2.58 -0.22	29.76 2.05 0.00	28.49 1.83 0.00	26.39 1.69 0.00	27.23 1.72 0.00	29.13 2.00 -0.60	35.16 2.32 -5.91	35.93 2.73 0.00	38.77 2.81 0.00	37.09 2.98 -1.09	38.23 3.05 -1.42	40.39 3.25 0.00	39.75 3.26 -0.08	47.83 3.60 0.00	44.90 3.20 0.00	49.56 3.13 0.00	42.77 2.78 0.00	41.68 2.94 0.00	47.10 3.08 0.00	48.12 3.06 0.00	60.45 3.04 -16.39	49.69 2.72 -0.67	36.27 2.23 0.00	25.17 1.66 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.60 -0.84 0.00	26.82 -0.90 0.00	25.82 -0.84 0.00	23.93 -0.76 0.00	24.73 -0.78 0.00	25.56 -0.96 0.00	25.87 -1.07 0.00	32.27 -0.92 0.00	35.07 -0.90 0.00	32.45 -0.57 0.00	33.30 -0.45 0.00	36.67 -0.47 0.00	36.22 -0.19 0.00	44.07 -0.16 0.00	42.21 0.50 0.00	47.36 0.93 0.00	40.84 0.85 0.00	39.32 0.58 0.00	44.20 0.17 0.00	44.88 -0.18 0.00	40.27 -0.75 0.00	46.07 -0.23 0.00	34.00 -0.04 0.00	23.21 -0.32 0.00

BINGHAMTON___COGEN 23790	31.47 0.03 0.00	27.68 -0.04 0.00	26.58 -0.08 0.00	24.68 -0.02 0.00	25.52 0.01 0.00	26.58 0.05 0.00	27.03 0.10 0.00	33.20 0.01 0.00	35.96 0.00 0.00	33.05 0.02 0.00	33.82 0.07 0.00	37.27 0.13 0.00	36.71 0.30 0.00	44.65 0.42 0.00	42.34 0.63 0.00	47.11 0.68 0.00	40.64 0.65 0.00	39.20 0.46 0.00	44.38 0.36 0.00	45.38 0.32 0.00	40.96 0.02 0.07	46.75 0.19 -0.26	34.17 0.13 0.00	23.45 -0.06 0.00
BIXINCNT_115KV_LOAD 355685	30.77 -0.67 0.00	26.98 -0.73 0.00	25.97 -0.69 0.00	24.08 -0.61 0.00	24.93 -0.58 0.00	25.85 -0.68 0.00	26.23 -0.71 0.00	32.72 -0.47 0.00	35.57 -0.39 0.00	32.83 -0.20 0.00	33.57 -0.18 0.00	36.98 -0.16 0.00	36.49 0.08 0.00	44.28 0.05 0.00	42.36 0.66 0.00	47.49 1.06 0.00	40.94 0.94 0.00	39.41 0.67 0.00	44.24 0.21 0.00	45.02 -0.04 0.00	40.46 -0.56 0.00	46.09 -0.21 0.00	34.09 0.05 0.00	23.31 -0.21 0.00
BLACK RIVER___HYD 24047	31.54 0.10 0.00	27.77 0.05 0.00	26.61 -0.05 0.00	24.66 -0.03 0.00	25.50 -0.01 0.00	26.57 0.04 0.00	26.91 -0.02 0.00	32.76 -0.43 0.00	35.57 -0.39 0.00	32.76 -0.27 0.00	33.53 -0.22 0.00	36.88 -0.25 0.00	36.27 -0.14 0.00	44.13 -0.10 0.00	41.94 0.24 0.00	46.67 0.24 0.00	40.54 0.55 0.00	39.40 0.66 0.00	45.01 0.99 0.00	46.22 1.16 0.00	42.13 1.11 0.00	47.48 1.18 0.00	34.63 0.60 0.00	23.52 0.01 0.00
BLACKRVR_115KV_TB2 79977	31.54 0.10 0.00	27.77 0.05 0.00	26.61 -0.05 0.00	24.66 -0.03 0.00	25.50 -0.01 0.00	26.57 0.04 0.00	26.91 -0.02 0.00	32.76 -0.43 0.00	35.56 -0.40 0.00	32.76 -0.27 0.00	33.53 -0.22 0.00	36.88 -0.25 0.00	36.27 -0.14 0.00	44.13 -0.11 0.00	41.94 0.24 0.00	46.67 0.24 0.00	40.54 0.55 0.00	39.39 0.65 0.00	45.02 0.99 0.00	46.22 1.16 0.00	42.13 1.12 0.00	47.48 1.18 0.00	34.64 0.60 0.00	23.52 0.01 0.00
BLISS_WT_PWR 323608	30.77 -0.67 0.00	26.98 -0.74 0.00	25.96 -0.69 0.00	24.08 -0.62 0.00	24.92 -0.59 0.00	25.85 -0.68 0.00	26.23 -0.71 0.00	32.72 -0.47 0.00	35.56 -0.40 0.00	32.84 -0.18 0.00	33.59 -0.16 0.00	36.97 -0.16 0.00	36.52 0.11 0.00	44.31 0.08 0.00	42.37 0.66 0.00	47.51 1.07 0.00	40.94 0.95 0.00	39.41 0.67 0.00	44.24 0.21 0.00	45.02 -0.04 0.00	40.45 -0.57 0.00	46.07 -0.24 0.00	34.07 0.03 0.00	23.30 -0.22 0.00
BLUESTONE___WT_PWR 323821	33.00 1.56 0.00	28.98 1.27 0.00	27.81 1.16 0.00	25.79 1.10 0.00	26.68 1.17 0.00	27.85 1.32 0.00	28.25 1.31 0.00	35.89 2.70 0.00	38.71 2.75 0.00	35.07 2.04 0.00	36.00 2.25 0.00	39.47 2.33 0.00	38.14 1.73 0.00	46.49 2.26 0.00	44.22 2.51 0.00	49.08 2.65 0.00	42.53 2.54 0.00	41.18 2.44 0.00	46.89 2.86 0.00	47.72 2.66 0.00	44.26 2.11 -1.13	49.48 2.68 -0.49	35.87 1.84 0.00	24.61 1.09 0.00
BLUE_CIRC_CHEM_DRP 24182	32.27 0.83 0.00	28.38 0.66 0.00	27.33 0.67 0.00	25.34 0.64 0.00	26.17 0.66 0.00	27.22 0.69 0.00	27.59 0.65 0.00	33.79 0.60 0.00	36.47 0.51 0.00	33.37 0.34 0.00	34.06 0.31 0.00	37.50 0.37 0.00	36.83 0.42 0.00	44.91 0.69 0.00	42.52 0.82 0.00	47.29 0.86 0.00	40.83 0.83 0.00	39.59 0.85 0.00	45.19 1.17 0.00	46.36 1.31 0.00	62.82 1.30 -20.50	50.40 1.30 -2.80	34.81 0.77 0.00	24.06 0.54 0.00
BOC_GAS_DRP 24189	32.12 0.68 0.00	28.27 0.55 0.00	27.19 0.53 0.00	25.21 0.51 0.00	26.04 0.53 0.00	27.09 0.55 0.00	27.50 0.57 0.00	33.76 0.57 0.00	36.55 0.59 0.00	33.55 0.53 0.00	34.31 0.56 0.00	37.78 0.65 0.00	37.10 0.69 0.00	45.17 0.94 0.00	42.63 0.93 0.00	47.32 0.89 0.00	40.76 0.77 0.00	39.49 0.75 0.00	44.95 0.93 0.00	46.07 1.01 0.00	60.96 1.02 -18.93	49.87 0.98 -2.59	34.64 0.60 0.00	23.95 0.43 0.00
BOONVILLE_115KV_TB1 79983	32.01 0.57 0.00	28.17 0.46 0.00	27.05 0.39 0.00	25.06 0.37 0.00	25.90 0.39 0.00	26.99 0.46 0.00	27.43 0.50 0.00	33.60 0.41 0.00	36.39 0.43 0.00	33.43 0.40 0.00	34.15 0.40 0.00	37.63 0.49 0.00	37.01 0.60 0.00	45.08 0.85 0.00	42.69 0.99 0.00	47.61 1.18 0.00	41.28 1.28 0.00	40.01 1.26 0.00	45.58 1.56 0.00	46.70 1.64 0.00	42.46 1.44 0.00	47.88 1.58 0.00	35.00 0.97 0.00	23.95 0.43 0.00
BORALEX_4TH_BRANCH 23824	32.94 1.50 0.00	29.10 1.39 0.00	28.15 1.49 0.00	26.07 1.37 0.00	26.94 1.43 0.00	27.97 1.44 0.00	28.23 1.30 0.00	34.65 1.46 0.00	37.44 1.48 0.00	34.18 1.16 0.00	34.89 1.14 0.00	38.45 1.32 0.00	37.77 1.36 0.00	46.17 1.94 0.00	43.70 1.99 0.00	48.41 1.98 0.00	41.61 1.62 0.00	40.40 1.66 0.00	46.15 2.12 0.00	47.55 2.50 0.00	76.09 2.54 -32.54	53.91 2.62 -4.99	35.61 1.57 0.00	24.65 1.13 0.00
BOWLINE___1 23526	33.24 1.80 0.00	29.15 1.43 0.00	27.93 1.27 0.00	25.82 1.13 0.00	26.70 1.19 0.00	27.87 1.35 0.00	28.56 1.62 0.00	35.11 1.92 0.00	38.15 2.19 0.00	35.19 2.16 0.00	36.02 2.27 0.00	39.58 2.44 0.00	38.76 2.35 0.00	46.92 2.69 0.00	44.14 2.44 0.00	48.85 2.42 0.00	42.11 2.12 0.00	40.82 2.07 0.00	46.19 2.16 0.00	47.27 2.21 0.00	61.34 2.11 -18.21	49.07 2.11 -0.65	35.62 1.58 0.00	24.67 1.15 0.00
BOWLINE___2 23595	33.24 1.81 0.00	29.15 1.43 0.00	27.93 1.27 0.00	25.82 1.13 0.00	26.70 1.19 0.00	27.88 1.35 0.00	28.56 1.62 0.00	35.11 1.92 0.00	38.15 2.19 0.00	35.18 2.15 0.00	36.02 2.27 0.00	39.56 2.43 0.00	38.73 2.32 0.00	46.92 2.69 0.00	44.15 2.45 0.00	48.86 2.43 0.00	42.12 2.12 0.00	40.82 2.08 0.00	46.20 2.17 0.00	47.27 2.21 0.00	61.33 2.12 -18.19	49.07 2.12 -0.65	35.62 1.58 0.00	24.69 1.16 0.00
BRADY___115KV_TB2 356060	31.47 0.03 0.00	27.75 0.03 0.00	26.72 0.07 0.00	24.75 0.05 0.00	25.52 0.01 0.00	26.48 -0.05 0.00	26.87 -0.07 0.00	33.15 -0.04 0.00	35.61 -0.35 0.00	32.61 -0.41 0.00	33.20 -0.55 0.00	36.45 -0.68 0.00	35.57 -0.84 0.00	43.15 -1.08 0.00	40.47 -1.23 0.00	45.19 -1.23 0.00	38.64 -1.35 0.00	37.74 -1.00 0.00	42.88 -1.15 0.00	44.17 -0.88 0.00	40.37 -0.65 0.00	46.29 -0.01 0.00	34.11 0.07 0.00	23.55 0.03 0.00
BRANSCOMB___SOLAR 323811	33.31 1.87 0.00	29.31 1.59 0.00	28.20 1.54 0.00	26.12 1.43 0.00	27.00 1.49 0.00	28.09 1.56 0.00	28.50 1.56 0.00	35.14 1.96 0.00	38.11 2.14 0.00	34.76 1.73 0.00	35.31 1.56 0.00	38.89 1.76 0.00	38.25 1.84 0.00	46.68 2.45 0.00	44.28 2.58 0.00	49.40 2.97 0.00	42.66 2.67 0.00	41.45 2.71 0.00	47.63 3.61 0.00	48.65 3.60 0.00	84.77 3.52 -40.23	56.50 3.68 -6.53	36.29 2.25 0.00	24.94 1.42 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.47 2.82 -0.22	29.95 2.23 0.00	28.66 2.01 0.00	26.58 1.89 0.00	27.40 1.89 0.00	29.35 2.22 -0.60	35.39 2.55 -5.91	36.20 3.01 0.00	39.02 3.06 0.00	37.40 3.29 -1.08	38.60 3.43 -1.42	40.80 3.66 0.00	40.17 3.68 -0.07	48.12 3.89 0.00	44.94 3.24 0.00	49.46 3.03 0.00	42.75 2.76 0.00	41.73 2.99 0.00	47.16 3.14 0.00	48.44 3.38 0.00	60.79 3.38 -16.39	49.99 3.02 -0.67	36.53 2.50 0.00	25.35 1.83 0.00

BRISTLHL_115KV_TB1 79998	30.82 -0.62 0.00	27.22 -0.50 0.00	26.16 -0.50 0.00	24.24 -0.46 0.00	25.05 -0.46 0.00	26.07 -0.46 0.00	26.44 -0.49 0.00	32.15 -1.04 0.00	34.72 -1.24 0.00	31.91 -1.11 0.00	32.67 -1.08 0.00	35.98 -1.15 0.00	35.41 -1.00 0.00	43.07 -1.16 0.00	40.84 -0.86 0.00	45.62 -0.81 0.00	39.41 -0.59 0.00	38.18 -0.56 0.00	43.29 -0.74 0.00	44.22 -0.84 0.00	40.12 -0.90 0.00	45.26 -1.04 0.00	33.18 -0.86 0.00	22.78 -0.74 0.00
BROOKHAVEN___DRP 24191	34.11 2.45 -0.22	29.61 1.89 0.00	28.31 1.65 0.00	26.28 1.58 0.00	27.10 1.59 0.00	29.07 1.94 -0.60	35.09 2.25 -5.91	35.83 2.64 0.00	38.69 2.73 0.00	37.18 3.07 -1.08	38.32 3.14 -1.42	40.51 3.37 0.00	39.90 3.41 -0.07	47.90 3.67 0.00	44.82 3.12 0.00	49.47 3.04 0.00	42.88 2.89 0.00	41.84 3.10 0.00	47.24 3.22 0.00	48.32 3.26 0.00	60.59 3.18 -16.39	49.65 2.68 -0.67	36.14 2.10 0.00	25.10 1.59 0.00
BROOKLYN_NAVY_YARD 23515	33.72 2.28 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.12 1.43 0.00	27.01 1.50 0.00	28.21 1.68 0.00	28.93 2.00 0.00	35.62 2.43 0.00	38.69 2.73 0.00	35.72 2.70 0.00	36.61 2.86 0.00	40.21 3.07 0.00	39.46 3.05 0.00	47.88 3.65 0.00	45.00 3.30 0.00	49.79 3.36 0.00	42.90 2.91 0.00	41.56 2.82 0.00	46.98 2.96 0.00	48.04 2.98 0.00	60.21 2.83 -16.37	49.95 2.97 -0.67	36.29 2.26 0.00	25.13 1.61 0.00
BROOKLYN___ARMY_DRP 323595	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
BROOKVLE_69_KV_TB1 55790	34.51 2.86 -0.22	30.01 2.30 0.00	28.70 2.04 0.00	26.57 1.87 0.00	27.42 1.91 0.00	29.31 2.18 -0.60	35.34 2.50 -5.91	36.20 3.01 0.00	39.18 3.22 0.00	37.45 3.35 -1.08	38.68 3.51 -1.42	40.99 3.86 0.00	40.35 3.86 -0.07	48.55 4.32 0.00	45.56 3.86 0.00	50.30 3.87 0.00	43.40 3.41 0.00	42.34 3.60 0.00	47.78 3.75 0.00	48.67 3.62 0.00	61.08 3.67 -16.39	50.30 3.33 -0.67	36.64 2.60 0.00	25.46 1.94 0.00
BROOME_2_LFGE 323671	31.47 0.03 0.00	27.68 -0.04 0.00	26.58 -0.08 0.00	24.68 -0.02 0.00	25.52 0.01 0.00	26.58 0.05 0.00	27.03 0.10 0.00	33.20 0.01 0.00	35.96 0.00 0.00	33.05 0.02 0.00	33.82 0.07 0.00	37.27 0.13 0.00	36.71 0.30 0.00	44.66 0.43 0.00	42.34 0.63 0.00	47.11 0.68 0.00	40.64 0.65 0.00	39.20 0.46 0.00	44.38 0.35 0.00	45.37 0.31 0.00	40.95 0.01 0.07	46.74 0.18 -0.26	34.17 0.13 0.00	23.46 -0.06 0.00
BROOME___LFGE 323600	31.47 0.03 0.00	27.68 -0.04 0.00	26.58 -0.08 0.00	24.68 -0.02 0.00	25.52 0.01 0.00	26.58 0.05 0.00	27.03 0.10 0.00	33.20 0.01 0.00	35.96 0.00 0.00	33.05 0.02 0.00	33.82 0.07 0.00	37.27 0.13 0.00	36.71 0.30 0.00	44.66 0.43 0.00	42.34 0.63 0.00	47.11 0.68 0.00	40.64 0.65 0.00	39.20 0.46 0.00	44.38 0.35 0.00	45.37 0.31 0.00	40.95 0.01 0.07	46.74 0.18 -0.26	34.17 0.13 0.00	23.46 -0.06 0.00
BROWNFLS_115KV_TB_3_5 80003	30.90 -0.54 0.00	27.21 -0.50 0.00	26.15 -0.51 0.00	24.22 -0.47 0.00	25.00 -0.51 0.00	26.00 -0.53 0.00	26.38 -0.56 0.00	32.36 -0.83 0.00	34.96 -1.00 0.00	32.10 -0.93 0.00	32.80 -0.95 0.00	36.12 -1.02 0.00	35.37 -1.04 0.00	43.06 -1.17 0.00	40.74 -0.97 0.00	45.42 -1.00 0.00	39.16 -0.83 0.00	38.17 -0.57 0.00	43.57 -0.46 0.00	44.72 -0.34 0.00	40.74 -0.28 0.00	46.14 -0.16 0.00	33.77 -0.27 0.00	23.09 -0.43 0.00
BROWNSV1_27_KV_LOAD 356125	34.13 2.69 0.00	29.89 2.17 0.00	28.61 1.95 0.00	26.43 1.74 0.00	27.32 1.81 0.00	28.55 2.02 0.00	29.28 2.35 0.00	36.06 2.86 0.00	39.17 3.21 0.00	36.18 3.15 0.00	37.06 3.32 0.00	40.72 3.59 0.00	40.00 3.59 0.00	48.53 4.30 0.00	45.65 3.95 0.00	50.50 4.08 0.00	43.52 3.53 0.00	42.14 3.40 0.00	47.62 3.60 0.00	48.72 3.67 0.00	60.81 3.42 -16.37	50.62 3.65 -0.67	36.79 2.75 0.00	25.46 1.94 0.00
BURROWS___LYONSDAL 23803	31.90 0.46 0.00	28.07 0.35 0.00	26.95 0.29 0.00	24.96 0.27 0.00	25.81 0.30 0.00	26.89 0.36 0.00	27.31 0.38 0.00	33.42 0.23 0.00	36.19 0.23 0.00	33.27 0.24 0.00	33.98 0.23 0.00	37.44 0.31 0.00	36.83 0.41 0.00	44.86 0.63 0.00	42.49 0.79 0.00	47.38 0.95 0.00	41.07 1.08 0.00	39.84 1.10 0.00	45.41 1.39 0.00	46.55 1.49 0.00	42.33 1.31 0.00	47.75 1.45 0.00	34.90 0.86 0.00	23.85 0.33 0.00
CAITHNESS_CC_1 323624	34.08 2.42 -0.22	29.61 1.89 0.00	28.30 1.64 0.00	26.26 1.57 0.00	27.09 1.58 0.00	29.05 1.91 -0.60	35.07 2.23 -5.91	35.79 2.60 0.00	38.63 2.67 0.00	37.10 2.99 -1.09	38.25 3.08 -1.42	40.44 3.30 0.00	39.81 3.33 -0.08	47.80 3.57 0.00	44.73 3.03 0.00	49.37 2.94 0.00	42.77 2.78 0.00	41.74 3.00 0.00	47.14 3.11 0.00	48.20 3.15 0.00	60.50 3.09 -16.39	49.56 2.59 -0.67	36.09 2.06 0.00	25.07 1.55 0.00
CALPINE BETH_PAGE_GT4 24209	34.27 2.61 -0.22	29.79 2.08 0.00	28.50 1.85 0.00	26.41 1.71 0.00	27.24 1.73 0.00	29.14 2.01 -0.60	35.18 2.33 -5.91	35.95 2.76 0.00	38.81 2.85 0.00	37.12 3.01 -1.08	38.22 3.04 -1.42	40.39 3.26 0.00	39.76 3.28 -0.07	47.85 3.62 0.00	44.92 3.22 0.00	49.60 3.17 0.00	42.80 2.81 0.00	41.70 2.95 0.00	47.12 3.09 0.00	48.14 3.09 0.00	60.48 3.07 -16.39	49.74 2.77 -0.67	36.27 2.23 0.00	25.17 1.66 0.00
CALPINE_BETH_PAGE_GT_4 323586	34.27 2.61 -0.22	29.79 2.07 0.00	28.50 1.85 0.00	26.41 1.71 0.00	27.24 1.73 0.00	29.14 2.01 -0.60	35.18 2.33 -5.91	35.95 2.76 0.00	38.81 2.85 0.00	37.12 3.01 -1.09	38.22 3.04 -1.42	40.40 3.26 0.00	39.75 3.26 -0.08	47.85 3.62 0.00	44.93 3.22 0.00	49.60 3.17 0.00	42.80 2.81 0.00	41.70 2.96 0.00	47.12 3.09 0.00	48.14 3.08 0.00	60.48 3.07 -16.39	49.73 2.76 -0.67	36.27 2.23 0.00	25.17 1.65 0.00
CALPINE_BP_GT1 23823	34.27 2.61 -0.22	29.79 2.07 0.00	28.50 1.85 0.00	26.41 1.71 0.00	27.24 1.73 0.00	29.14 2.01 -0.60	35.18 2.33 -5.91	35.95 2.76 0.00	38.81 2.85 0.00	37.12 3.01 -1.09	38.22 3.04 -1.42	40.40 3.26 0.00	39.75 3.26 -0.08	47.85 3.62 0.00	44.93 3.22 0.00	49.60 3.17 0.00	42.80 2.81 0.00	41.70 2.96 0.00	47.12 3.09 0.00	48.14 3.08 0.00	60.48 3.07 -16.39	49.73 2.76 -0.67	36.27 2.23 0.00	25.17 1.65 0.00
CALSPAN___DRP 24200	30.51 -0.93 0.00	26.76 -0.96 0.00	25.77 -0.89 0.00	23.88 -0.81 0.00	24.67 -0.84 0.00	25.50 -1.03 0.00	25.79 -1.14 0.00	32.18 -1.01 0.00	34.97 -0.99 0.00	32.36 -0.67 0.00	33.20 -0.55 0.00	36.54 -0.60 0.00	36.10 -0.31 0.00	43.91 -0.33 0.00	42.06 0.35 0.00	47.19 0.75 0.00	40.69 0.69 0.00	39.19 0.44 0.00	44.03 0.00 0.00	44.72 -0.34 0.00	40.14 -0.89 0.00	45.95 -0.36 0.00	33.92 -0.12 0.00	23.15 -0.37 0.00

CALVERTON___SOLAR 323806	34.16 2.51 -0.22	29.66 1.94 0.00	28.35 1.69 0.00	26.31 1.62 0.00	27.15 1.64 0.00	29.12 1.99 -0.60	35.17 2.33 -5.91	35.92 2.73 0.00	38.80 2.84 0.00	37.33 3.22 -1.09	38.45 3.28 -1.42	40.67 3.53 0.00	40.03 3.54 -0.08	48.05 3.82 0.00	44.98 3.27 0.00	49.66 3.23 0.00	43.06 3.07 0.00	42.02 3.27 0.00	47.42 3.39 0.00	48.50 3.45 0.00	60.76 3.36 -16.39	49.81 2.84 -0.67	36.23 2.19 0.00	25.17 1.65 0.00
CANDIGU_WT_PWR 323617	30.98 -0.46 0.00	27.19 -0.53 0.00	26.13 -0.53 0.00	24.28 -0.42 0.00	25.10 -0.41 0.00	26.08 -0.45 0.00	26.51 -0.42 0.00	32.69 -0.50 0.00	35.57 -0.39 0.00	32.74 -0.29 0.00	33.50 -0.25 0.00	36.85 -0.28 0.00	36.39 -0.02 0.00	44.20 -0.03 0.00	42.13 0.43 0.00	47.11 0.69 0.00	40.68 0.69 0.00	39.02 0.28 0.00	43.78 -0.25 0.00	44.65 -0.41 0.00	40.90 -0.95 -0.84	45.88 -0.42 0.00	33.85 -0.19 0.00	23.21 -0.31 0.00
CARR STREET_E_SYR 24060	31.06 -0.38 0.00	27.41 -0.31 0.00	26.35 -0.31 0.00	24.40 -0.30 0.00	25.23 -0.28 0.00	26.25 -0.28 0.00	26.63 -0.30 0.00	32.48 -0.71 0.00	35.10 -0.86 0.00	32.30 -0.73 0.00	33.10 -0.65 0.00	36.48 -0.66 0.00	35.86 -0.55 0.00	43.63 -0.60 0.00	41.36 -0.35 0.00	46.15 -0.28 0.00	39.89 -0.11 0.00	38.53 -0.21 0.00	43.66 -0.37 0.00	44.55 -0.51 0.00	40.39 -0.63 0.00	45.59 -0.71 0.00	33.43 -0.61 0.00	22.95 -0.56 0.00
CARTHAGE___PAPER 23857	31.66 0.22 0.00	27.87 0.15 0.00	26.72 0.07 0.00	24.76 0.06 0.00	25.60 0.09 0.00	26.67 0.14 0.00	27.03 0.09 0.00	32.97 -0.22 0.00	35.73 -0.23 0.00	32.84 -0.19 0.00	33.62 -0.13 0.00	36.94 -0.19 0.00	36.29 -0.12 0.00	44.22 -0.01 0.00	41.97 0.26 0.00	46.67 0.24 0.00	40.54 0.54 0.00	39.37 0.62 0.00	45.02 1.00 0.00	46.24 1.18 0.00	42.13 1.11 0.00	47.56 1.26 0.00	34.71 0.68 0.00	23.63 0.11 0.00
CASSADAGA_WT_PWR 323784	31.19 -0.25 0.00	27.32 -0.40 0.00	26.27 -0.39 0.00	24.41 -0.28 0.00	25.24 -0.27 0.00	26.21 -0.32 0.00	26.72 -0.21 0.00	33.43 0.24 0.00	36.44 0.48 0.00	33.70 0.67 0.00	34.51 0.76 0.00	38.13 0.99 0.00	37.67 1.25 0.00	45.77 1.54 0.00	43.81 2.11 0.00	49.05 2.62 0.00	42.27 2.27 0.00	40.62 1.88 0.00	45.72 1.69 0.00	46.49 1.43 0.00	41.61 0.59 0.00	47.67 1.37 0.00	35.17 1.13 0.00	23.89 0.37 0.00
CE_DUNWOOD___DRP 24194	33.48 2.04 0.00	29.34 1.63 0.00	28.11 1.46 0.00	25.99 1.29 0.00	26.87 1.36 0.00	28.06 1.52 0.00	28.73 1.80 0.00	35.35 2.16 0.00	38.38 2.42 0.00	35.42 2.39 0.00	36.27 2.52 0.00	39.87 2.74 0.00	39.12 2.71 0.00	47.45 3.22 0.00	44.64 2.94 0.00	49.41 2.99 0.00	42.58 2.59 0.00	41.26 2.52 0.00	46.70 2.67 0.00	47.77 2.72 0.00	60.12 2.58 -16.52	49.61 2.64 -0.67	36.00 1.97 0.00	24.93 1.41 0.00
CE_MILLWOOD___DRP 24193	33.38 1.94 0.00	29.27 1.56 0.00	28.05 1.39 0.00	25.94 1.24 0.00	26.81 1.30 0.00	27.98 1.45 0.00	28.66 1.73 0.00	35.25 2.06 0.00	38.27 2.31 0.00	35.31 2.29 0.00	36.17 2.42 0.00	39.76 2.63 0.00	39.01 2.60 0.00	47.31 3.08 0.00	44.52 2.81 0.00	49.28 2.85 0.00	42.48 2.48 0.00	41.15 2.41 0.00	46.58 2.56 0.00	47.66 2.60 0.00	60.24 2.46 -16.76	49.49 2.52 -0.67	35.91 1.88 0.00	24.87 1.35 0.00
CE_NYC2_DRP 24202	34.35 2.32 -0.60	29.64 1.90 -0.02	28.40 1.74 0.00	26.23 1.54 0.00	27.15 1.64 0.00	28.37 1.84 0.00	29.08 2.15 0.00	35.75 2.56 0.00	38.80 2.83 0.00	35.84 2.82 0.00	36.70 2.94 0.00	40.29 3.16 0.00	39.57 3.16 0.00	47.95 3.72 0.00	45.03 3.33 0.00	49.80 3.38 0.00	42.92 2.93 0.00	41.59 2.85 0.00	47.05 3.02 0.00	48.08 3.02 0.00	60.28 2.89 -16.37	49.98 3.01 -0.67	36.39 2.36 0.00	26.97 1.72 -1.73
CE_NYC_DRP 24195	33.73 2.29 0.00	29.56 1.84 0.00	28.30 1.64 0.00	26.15 1.45 0.00	27.04 1.52 0.00	28.24 1.71 0.00	28.97 2.03 0.00	35.65 2.46 0.00	38.73 2.77 0.00	35.77 2.74 0.00	36.64 2.89 0.00	40.24 3.11 0.00	39.51 3.10 0.00	47.93 3.70 0.00	45.06 3.35 0.00	49.84 3.42 0.00	42.95 2.96 0.00	41.60 2.87 0.00	47.03 3.01 0.00	48.08 3.03 0.00	60.24 2.85 -16.37	49.97 2.99 -0.67	36.32 2.28 0.00	25.16 1.64 0.00
CHAFFEE___LFGE 323603	30.64 -0.80 0.00	26.86 -0.85 0.00	25.86 -0.80 0.00	23.97 -0.73 0.00	24.76 -0.75 0.00	25.61 -0.92 0.00	25.92 -1.01 0.00	32.36 -0.83 0.00	35.16 -0.80 0.00	32.52 -0.51 0.00	33.36 -0.39 0.00	36.72 -0.42 0.00	36.27 -0.14 0.00	44.11 -0.12 0.00	42.25 0.54 0.00	47.42 0.99 0.00	40.90 0.90 0.00	39.39 0.65 0.00	44.28 0.25 0.00	44.96 -0.09 0.00	40.35 -0.67 0.00	46.18 -0.13 0.00	34.07 0.03 0.00	23.23 -0.29 0.00
CHATEAUG_35_KV_LOAD 355732	32.01 0.56 0.00	28.19 0.47 0.00	27.12 0.46 0.00	25.11 0.41 0.00	25.86 0.35 0.00	26.75 0.22 0.00	27.16 0.22 0.00	33.39 0.20 0.00	36.06 0.10 0.00	32.97 -0.06 0.00	33.61 -0.14 0.00	36.89 -0.24 0.00	36.06 -0.35 0.00	43.74 -0.49 0.00	40.99 -0.72 0.00	45.90 -0.53 0.00	39.33 -0.66 0.00	38.25 -0.50 0.00	43.69 -0.34 0.00	44.92 -0.13 0.00	41.11 0.09 0.00	46.83 0.52 0.00	34.50 0.46 0.00	23.86 0.34 0.00
CHATEAUG_WT_PWR 323614	33.01 1.58 0.00	29.05 1.33 0.00	27.91 1.25 0.00	25.84 1.15 0.00	26.59 1.08 0.00	27.42 0.88 0.00	27.86 0.93 0.00	34.03 0.84 0.00	36.75 0.79 0.00	33.53 0.50 0.00	34.19 0.44 0.00	37.55 0.42 0.00	36.78 0.37 0.00	44.65 0.42 0.00	41.82 0.11 0.00	46.93 0.50 0.00	40.07 0.08 0.00	38.99 0.24 0.00	44.70 0.67 0.00	46.14 1.08 0.00	42.40 1.38 0.00	48.30 2.00 0.00	35.50 1.46 0.00	24.55 1.04 0.00
CHAT_HIGH_FALL_HYD 323578	32.01 0.56 0.00	28.19 0.47 0.00	27.12 0.46 0.00	25.11 0.41 0.00	25.86 0.35 0.00	26.75 0.22 0.00	27.16 0.22 0.00	33.39 0.20 0.00	36.06 0.10 0.00	32.97 -0.06 0.00	33.61 -0.14 0.00	36.89 -0.24 0.00	36.06 -0.35 0.00	43.74 -0.49 0.00	40.99 -0.72 0.00	45.90 -0.53 0.00	39.33 -0.66 0.00	38.25 -0.50 0.00	43.69 -0.34 0.00	44.92 -0.13 0.00	41.11 0.09 0.00	46.83 0.52 0.00	34.50 0.46 0.00	23.86 0.34 0.00
CHAUTAUQUA___LFGE 323629	30.83 -0.61 0.00	27.01 -0.71 0.00	26.00 -0.66 0.00	24.15 -0.54 0.00	24.97 -0.54 0.00	25.90 -0.63 0.00	26.33 -0.60 0.00	32.86 -0.33 0.00	35.75 -0.21 0.00	33.03 0.00 0.00	33.84 0.09 0.00	37.34 0.20 0.00	36.88 0.47 0.00	44.79 0.56 0.00	42.89 1.18 0.00	48.04 1.61 0.00	41.42 1.42 0.00	39.85 1.10 0.00	44.84 0.81 0.00	45.65 0.59 0.00	40.87 -0.15 0.00	46.84 0.54 0.00	34.56 0.52 0.00	23.51 -0.01 0.00
CHERRYST_13_KV_LD 356241	33.85 2.41 0.00	29.65 1.94 0.00	28.39 1.74 0.00	26.23 1.54 0.00	27.13 1.62 0.00	28.34 1.81 0.00	29.08 2.15 0.00	35.81 2.62 0.00	38.91 2.95 0.00	35.94 2.92 0.00	36.82 3.07 0.00	40.45 3.32 0.00	39.72 3.31 0.00	48.19 3.96 0.00	45.29 3.59 0.00	50.10 3.68 0.00	43.19 3.20 0.00	41.81 3.07 0.00	47.25 3.22 0.00	48.29 3.24 0.00	60.43 3.04 -16.37	50.17 3.19 -0.67	36.45 2.42 0.00	25.24 1.72 0.00

CHESTROR_138KV_BK263 355645	33.00 1.57 0.00	28.95 1.24 0.00	27.76 1.10 0.00	25.68 0.98 0.00	26.54 1.03 0.00	27.69 1.16 0.00	28.32 1.38 0.00	34.82 1.63 0.00	37.80 1.84 0.00	34.84 1.81 0.00	35.69 1.93 0.00	39.26 2.12 0.00	38.51 2.10 0.00	46.73 2.50 0.00	44.03 2.33 0.00	48.79 2.36 0.00	42.08 2.08 0.00	40.74 2.00 0.00	46.14 2.12 0.00	47.22 2.16 0.00	89.72 2.10 -46.60	49.52 2.58 -0.64	35.91 1.87 0.00	24.83 1.31 0.00
CH_MIDHUDSON___DRP 24192	33.32 1.88 0.00	29.21 1.50 0.00	28.00 1.34 0.00	25.90 1.20 0.00	26.77 1.26 0.00	27.90 1.38 0.00	28.54 1.60 0.00	35.11 1.92 0.00	38.12 2.16 0.00	35.14 2.11 0.00	36.00 2.25 0.00	39.63 2.50 0.00	38.91 2.50 0.00	47.28 3.05 0.00	44.58 2.87 0.00	49.41 2.98 0.00	42.57 2.58 0.00	41.21 2.47 0.00	46.71 2.68 0.00	47.80 2.75 0.00	59.08 2.58 -15.48	49.68 2.65 -0.72	35.92 1.88 0.00	24.84 1.32 0.00
CH_MISC_IPPS 23765	33.54 2.10 0.00	29.39 1.67 0.00	28.16 1.50 0.00	26.03 1.34 0.00	26.91 1.40 0.00	28.07 1.54 0.00	28.71 1.78 0.00	35.34 2.15 0.00	38.39 2.43 0.00	35.42 2.39 0.00	36.30 2.55 0.00	39.97 2.83 0.00	39.24 2.82 0.00	47.67 3.44 0.00	44.96 3.26 0.00	49.84 3.41 0.00	42.96 2.96 0.00	41.56 2.82 0.00	47.07 3.04 0.00	48.16 3.10 0.00	60.43 2.90 -16.51	50.04 3.03 -0.71	36.21 2.17 0.00	25.01 1.50 0.00
CH_RES_BVR_FALLS 23983	31.23 -0.21 0.00	27.54 -0.18 0.00	26.51 -0.15 0.00	24.55 -0.15 0.00	25.34 -0.17 0.00	26.32 -0.21 0.00	26.70 -0.23 0.00	32.90 -0.29 0.00	35.54 -0.42 0.00	32.64 -0.39 0.00	33.31 -0.44 0.00	36.60 -0.54 0.00	35.79 -0.62 0.00	43.47 -0.76 0.00	40.89 -0.81 0.00	45.61 -0.82 0.00	39.21 -0.78 0.00	38.03 -0.71 0.00	43.26 -0.77 0.00	44.29 -0.77 0.00	40.29 -0.73 0.00	45.65 -0.65 0.00	33.51 -0.52 0.00	23.10 -0.42 0.00
CH_RES_NIAGARA 23895	29.55 -1.88 0.00	25.93 -1.79 0.00	25.02 -1.64 0.00	23.17 -1.52 0.00	23.94 -1.57 0.00	24.65 -1.88 0.00	24.83 -2.11 0.00	30.60 -2.58 0.00	33.22 -2.74 0.00	30.78 -2.25 0.00	31.61 -2.14 0.00	34.74 -2.39 0.00	34.26 -2.15 0.00	41.49 -2.73 0.01	39.67 -2.01 0.02	44.49 -1.91 0.02	38.39 -1.58 0.02	36.99 -1.72 0.02	41.58 -2.43 0.02	42.19 -2.84 0.02	37.91 -3.08 0.02	43.40 -2.88 0.02	32.11 -1.93 0.00	21.94 -1.56 0.01
CH_RES_SYRACUSE 23985	31.24 -0.20 0.00	27.58 -0.14 0.00	26.49 -0.17 0.00	24.54 -0.16 0.00	25.39 -0.12 0.00	26.42 -0.10 0.00	26.78 -0.15 0.00	32.64 -0.55 0.00	35.27 -0.69 0.00	32.44 -0.59 0.00	33.21 -0.55 0.00	36.65 -0.49 0.00	36.07 -0.34 0.00	43.90 -0.33 0.00	41.64 -0.07 0.00	46.45 0.02 0.00	40.13 0.14 0.00	38.82 0.08 0.00	43.99 -0.03 0.00	44.91 -0.15 0.00	40.68 -0.34 0.00	45.92 -0.38 0.00	33.68 -0.36 0.00	23.12 -0.39 0.00
CLINTON_WT_PWR 323605	33.01 1.58 0.00	29.05 1.33 0.00	27.91 1.25 0.00	25.84 1.15 0.00	26.59 1.08 0.00	27.42 0.88 0.00	27.86 0.93 0.00	34.03 0.84 0.00	36.75 0.79 0.00	33.53 0.50 0.00	34.19 0.44 0.00	37.55 0.42 0.00	36.78 0.37 0.00	44.65 0.42 0.00	41.82 0.11 0.00	46.93 0.50 0.00	40.07 0.08 0.00	38.99 0.24 0.00	44.70 0.67 0.00	46.14 1.08 0.00	42.40 1.38 0.00	48.30 2.00 0.00	35.50 1.46 0.00	24.55 1.04 0.00
CLINTON___LFGE 323618	33.14 1.70 0.00	29.20 1.49 0.00	28.04 1.38 0.00	25.97 1.27 0.00	26.73 1.22 0.00	27.58 1.05 0.00	27.99 1.06 0.00	34.20 1.01 0.00	36.91 0.95 0.00	33.66 0.64 0.00	34.32 0.57 0.00	37.63 0.49 0.00	36.95 0.54 0.00	44.89 0.66 0.00	42.09 0.39 0.00	47.19 0.76 0.00	40.23 0.24 0.00	39.13 0.39 0.00	44.88 0.85 0.00	46.27 1.21 0.00	42.52 1.50 0.00	48.54 2.24 0.00	35.68 1.64 0.00	24.66 1.15 0.00
COBBLENY_34_KV_TB1 80064	30.65 -0.79 0.00	26.86 -0.85 0.00	25.86 -0.80 0.00	23.96 -0.73 0.00	24.76 -0.75 0.00	25.60 -0.93 0.00	25.92 -1.02 0.00	32.36 -0.83 0.00	35.17 -0.79 0.00	32.52 -0.51 0.00	33.36 -0.39 0.00	36.73 -0.41 0.00	36.25 -0.16 0.00	44.11 -0.12 0.00	42.25 0.55 0.00	47.42 0.99 0.00	40.90 0.90 0.00	39.39 0.65 0.00	44.28 0.24 0.00	44.96 -0.10 0.00	40.35 -0.67 0.00	46.18 -0.12 0.00	34.06 0.02 0.00	23.23 -0.29 0.00
COFFEEN___115KV_TB3 355620	31.70 0.27 0.00	27.91 0.19 0.00	26.73 0.07 0.00	24.77 0.07 0.00	25.61 0.10 0.00	26.70 0.16 0.00	27.05 0.11 0.00	32.93 -0.26 0.00	35.74 -0.22 0.00	32.93 -0.09 0.00	33.73 -0.03 0.00	37.09 -0.04 0.00	36.47 0.06 0.00	44.36 0.13 0.00	42.22 0.52 0.00	46.95 0.52 0.00	40.82 0.83 0.00	39.69 0.95 0.00	45.38 1.35 0.00	46.61 1.56 0.00	42.53 1.51 0.00	47.94 1.64 0.00	34.94 0.90 0.00	23.72 0.20 0.00
COLDSPRG_115KV_BK1 355956	31.30 -0.14 0.00	27.41 -0.30 0.00	26.36 -0.30 0.00	24.48 -0.21 0.00	25.34 -0.17 0.00	26.35 -0.18 0.00	26.92 -0.02 0.00	33.74 0.55 0.00	36.87 0.91 0.00	34.11 1.08 0.00	34.89 1.14 0.00	38.54 1.41 0.00	38.01 1.60 0.00	46.18 1.95 0.00	44.18 2.47 0.00	49.44 3.01 0.00	42.60 2.61 0.00	40.90 2.16 0.00	46.01 1.98 0.00	46.80 1.74 0.00	41.93 0.91 0.00	47.99 1.69 0.00	35.44 1.40 0.00	24.11 0.59 0.00
COLONIE_LFGE___ 323577	32.65 1.21 0.00	28.77 1.06 0.00	27.72 1.06 0.00	25.68 0.98 0.00	26.54 1.03 0.00	27.58 1.05 0.00	27.97 1.03 0.00	34.37 1.18 0.00	37.20 1.24 0.00	34.04 1.02 0.00	34.74 0.99 0.00	38.29 1.15 0.00	37.63 1.21 0.00	45.91 1.68 0.00	43.44 1.73 0.00	48.24 1.81 0.00	41.54 1.55 0.00	40.31 1.57 0.00	46.09 2.06 0.00	47.24 2.18 0.00	79.66 2.18 -36.47	54.33 2.23 -5.80	35.38 1.34 0.00	24.43 0.91 0.00
COOPERNY_115KV_TB1 80082	32.55 1.11 0.00	28.58 0.87 0.00	27.42 0.76 0.00	25.38 0.69 0.00	26.24 0.73 0.00	27.35 0.82 0.00	27.91 0.98 0.00	34.32 1.13 0.00	37.26 1.30 0.00	34.39 1.37 0.00	35.23 1.48 0.00	38.74 1.60 0.00	37.92 1.51 0.00	46.00 1.77 0.00	43.37 1.67 0.00	48.11 1.68 0.00	41.48 1.48 0.00	40.16 1.42 0.00	45.52 1.49 0.00	46.58 1.53 0.00	33.12 1.31 9.21	47.96 1.30 -0.36	34.97 0.94 0.00	24.17 0.65 0.00
COPENHAGEN_WT_PWR 323753	31.47 0.03 0.00	27.72 0.00 0.00	26.55 -0.11 0.00	24.61 -0.09 0.00	25.46 -0.05 0.00	26.52 -0.02 0.00	26.84 -0.09 0.00	32.62 -0.57 0.00	35.43 -0.53 0.00	32.66 -0.37 0.00	33.44 -0.31 0.00	36.77 -0.36 0.00	36.17 -0.24 0.00	44.01 -0.22 0.00	41.82 0.12 0.00	46.57 0.14 0.00	40.43 0.44 0.00	39.27 0.53 0.00	44.84 0.81 0.00	46.00 0.95 0.00	41.92 0.90 0.00	47.19 0.89 0.00	34.44 0.41 0.00	23.38 -0.14 0.00
CORNELL_____ 23752	31.96 0.52 0.00	28.13 0.41 0.00	27.03 0.37 0.00	25.06 0.36 0.00	25.91 0.40 0.00	27.00 0.47 0.00	27.43 0.50 0.00	33.64 0.46 0.00	36.40 0.43 0.00	33.32 0.29 0.00	34.02 0.27 0.00	37.51 0.37 0.00	36.93 0.52 0.00	45.08 0.84 0.00	42.89 1.19 0.00	47.77 1.35 0.00	41.35 1.35 0.00	39.96 1.22 0.00	45.31 1.28 0.00	46.28 1.22 0.00	42.91 0.84 -1.05	47.48 0.99 -0.19	34.67 0.64 0.00	23.77 0.25 0.00

CORONA_V_69_KV_TB1 355595	34.41 2.75 -0.22	29.93 2.22 0.00	28.64 1.98 0.00	26.50 1.81 0.00	27.36 1.85 0.00	29.23 2.10 -0.60	35.24 2.40 -5.91	36.04 2.85 0.00	38.98 3.01 0.00	37.24 3.13 -1.08	38.46 3.29 -1.42	40.69 3.56 0.00	40.04 3.55 -0.07	48.24 4.01 0.00	45.29 3.59 0.00	50.00 3.58 0.00	43.15 3.16 0.00	41.99 3.25 0.00	47.47 3.44 0.00	48.49 3.43 0.00	60.72 3.32 -16.39	50.20 3.23 -0.67	36.69 2.65 0.00	25.41 1.90 0.00
CORTLAND_115KV_TB3 80093	31.78 0.34 0.00	27.97 0.26 0.00	26.87 0.21 0.00	24.91 0.22 0.00	25.76 0.25 0.00	26.85 0.32 0.00	27.29 0.35 0.00	33.42 0.23 0.00	36.16 0.20 0.00	33.13 0.10 0.00	33.85 0.10 0.00	37.32 0.18 0.00	36.75 0.34 0.00	44.76 0.53 0.00	42.55 0.85 0.00	47.42 0.99 0.00	41.00 1.01 0.00	39.68 0.93 0.00	44.99 0.97 0.00	45.98 0.92 0.00	41.65 0.63 0.00	47.07 0.77 0.00	34.51 0.47 0.00	23.66 0.15 0.00
COXSACKIE___GT 23611	33.55 2.11 0.00	29.44 1.72 0.00	28.33 1.68 0.00	26.26 1.57 0.00	27.12 1.61 0.00	28.21 1.69 0.00	28.61 1.68 0.00	35.11 1.92 0.00	37.79 1.83 0.00	34.29 1.26 0.00	34.81 1.06 0.00	38.47 1.34 0.00	37.97 1.56 0.00	46.41 2.18 0.00	44.19 2.49 0.00	49.33 2.90 0.00	42.92 2.93 0.00	41.96 3.22 0.00	48.20 4.17 0.00	49.44 4.38 0.00	65.53 3.95 -20.56	53.06 4.15 -2.61	36.63 2.60 0.00	25.13 1.61 0.00
CPV_VALLEY___CC1 323721	32.73 1.29 0.00	28.73 1.01 0.00	27.55 0.89 0.00	25.49 0.79 0.00	26.34 0.83 0.00	27.48 0.95 0.00	28.08 1.15 0.00	34.53 1.34 0.00	37.49 1.53 0.00	34.56 1.53 0.00	35.38 1.63 0.00	38.92 1.78 0.00	38.17 1.76 0.00	46.30 2.07 0.00	43.62 1.92 0.00	48.33 1.90 0.00	41.67 1.68 0.00	40.36 1.62 0.00	45.72 1.70 0.00	46.80 1.74 0.00	34.32 1.65 8.35	48.45 1.61 -0.54	35.21 1.17 0.00	24.37 0.85 0.00
CPV_VALLEY___CC2 323722	32.73 1.29 0.00	28.73 1.01 0.00	27.55 0.89 0.00	25.49 0.79 0.00	26.34 0.83 0.00	27.48 0.95 0.00	28.08 1.15 0.00	34.53 1.34 0.00	37.49 1.53 0.00	34.56 1.53 0.00	35.38 1.63 0.00	38.92 1.78 0.00	38.17 1.76 0.00	46.30 2.07 0.00	43.62 1.92 0.00	48.33 1.90 0.00	41.67 1.68 0.00	40.36 1.62 0.00	45.72 1.70 0.00	46.80 1.74 0.00	34.32 1.65 8.35	48.45 1.61 -0.54	35.21 1.17 0.00	24.37 0.85 0.00
CRESCENT___HYD 24018	32.65 1.21 0.00	28.77 1.06 0.00	27.72 1.06 0.00	25.68 0.98 0.00	26.54 1.03 0.00	27.58 1.05 0.00	27.97 1.03 0.00	34.37 1.18 0.00	37.20 1.24 0.00	34.04 1.02 0.00	34.74 0.99 0.00	38.29 1.15 0.00	37.63 1.21 0.00	45.91 1.68 0.00	43.44 1.73 0.00	48.24 1.81 0.00	41.54 1.55 0.00	40.31 1.57 0.00	46.09 2.06 0.00	47.24 2.18 0.00	79.66 2.18 -36.47	54.33 2.23 -5.80	35.38 1.34 0.00	24.43 0.91 0.00
CRICKET___VALLEY_CC1 323756	32.87 1.43 0.00	28.84 1.12 0.00	27.66 1.00 0.00	25.60 0.90 0.00	26.47 0.96 0.00	27.55 1.02 0.00	28.14 1.20 0.00	34.59 1.40 0.00	37.53 1.57 0.00	34.53 1.50 0.00	35.36 1.61 0.00	38.93 1.80 0.00	38.24 1.83 0.00	46.54 2.31 0.00	43.91 2.21 0.00	48.68 2.25 0.00	41.89 1.90 0.00	40.56 1.82 0.00	46.11 2.08 0.00	47.23 2.18 0.00	57.60 2.08 -14.49	49.22 2.11 -0.81	35.44 1.40 0.00	24.51 1.00 0.00
CRICKET___VALLEY_CC2 323757	32.87 1.43 0.00	28.84 1.12 0.00	27.66 1.00 0.00	25.60 0.90 0.00	26.47 0.96 0.00	27.55 1.02 0.00	28.14 1.20 0.00	34.59 1.40 0.00	37.53 1.57 0.00	34.53 1.50 0.00	35.36 1.61 0.00	38.93 1.80 0.00	38.24 1.83 0.00	46.54 2.31 0.00	43.91 2.21 0.00	48.68 2.25 0.00	41.89 1.90 0.00	40.56 1.82 0.00	46.11 2.08 0.00	47.23 2.18 0.00	57.60 2.08 -14.49	49.22 2.11 -0.81	35.44 1.40 0.00	24.51 1.00 0.00
CRICKET___VALLEY_CC3 323758	32.87 1.43 0.00	28.84 1.12 0.00	27.66 1.00 0.00	25.60 0.90 0.00	26.47 0.96 0.00	27.55 1.02 0.00	28.14 1.20 0.00	34.59 1.40 0.00	37.53 1.57 0.00	34.53 1.50 0.00	35.36 1.61 0.00	38.93 1.80 0.00	38.24 1.83 0.00	46.54 2.31 0.00	43.91 2.21 0.00	48.68 2.25 0.00	41.89 1.90 0.00	40.56 1.82 0.00	46.11 2.08 0.00	47.23 2.18 0.00	57.60 2.08 -14.49	49.22 2.11 -0.81	35.44 1.40 0.00	24.51 1.00 0.00
CRUCIBLE_METL_DRP 24180	31.24 -0.20 0.00	27.58 -0.14 0.00	26.49 -0.17 0.00	24.54 -0.16 0.00	25.39 -0.12 0.00	26.42 -0.11 0.00	26.78 -0.16 0.00	32.64 -0.55 0.00	35.27 -0.69 0.00	32.44 -0.59 0.00	33.21 -0.55 0.00	36.65 -0.48 0.00	36.07 -0.34 0.00	43.90 -0.33 0.00	41.64 -0.06 0.00	46.45 0.02 0.00	40.13 0.14 0.00	38.82 0.08 0.00	43.99 -0.03 0.00	44.91 -0.15 0.00	40.67 -0.34 0.00	45.91 -0.39 0.00	33.68 -0.36 0.00	23.12 -0.39 0.00
DAHOWA___HYDRO 323763	33.54 2.10 0.00	29.50 1.78 0.00	28.38 1.72 0.00	26.29 1.59 0.00	27.17 1.66 0.00	28.27 1.74 0.00	28.69 1.75 0.00	35.41 2.22 0.00	38.39 2.42 0.00	35.00 1.98 0.00	35.54 1.79 0.00	39.16 2.03 0.00	38.50 2.09 0.00	47.01 2.78 0.00	44.62 2.91 0.00	49.80 3.37 0.00	43.00 3.01 0.00	41.81 3.07 0.00	48.12 4.10 0.00	49.06 4.01 0.00	85.79 3.92 -40.85	57.07 4.11 -6.65	36.56 2.52 0.00	25.09 1.57 0.00
DANC___LFGE 323619	31.22 -0.22 0.00	27.52 -0.20 0.00	26.40 -0.26 0.00	24.46 -0.23 0.00	25.29 -0.22 0.00	26.34 -0.19 0.00	26.68 -0.26 0.00	32.44 -0.75 0.00	35.14 -0.81 0.00	32.37 -0.66 0.00	33.12 -0.63 0.00	36.41 -0.72 0.00	35.83 -0.58 0.00	43.58 -0.65 0.00	41.39 -0.31 0.00	46.15 -0.27 0.00	40.02 0.03 0.00	38.82 0.07 0.00	44.21 0.18 0.00	45.30 0.24 0.00	41.23 0.21 0.00	46.50 0.20 0.00	33.99 -0.05 0.00	23.17 -0.35 0.00
DANSKAMMER___1 23586	33.54 2.10 0.00	29.39 1.67 0.00	28.16 1.50 0.00	26.03 1.34 0.00	26.91 1.40 0.00	28.07 1.54 0.00	28.71 1.78 0.00	35.34 2.15 0.00	38.39 2.43 0.00	35.42 2.39 0.00	36.30 2.55 0.00	39.97 2.83 0.00	39.24 2.82 0.00	47.67 3.44 0.00	44.96 3.26 0.00	49.84 3.41 0.00	42.96 2.96 0.00	41.56 2.82 0.00	47.07 3.04 0.00	48.16 3.10 0.00	60.43 2.90 -16.51	50.04 3.03 -0.71	36.21 2.17 0.00	25.01 1.50 0.00
DANSKAMMER___2 23589	33.54 2.10 0.00	29.39 1.67 0.00	28.16 1.50 0.00	26.03 1.34 0.00	26.91 1.40 0.00	28.07 1.54 0.00	28.71 1.78 0.00	35.34 2.15 0.00	38.39 2.43 0.00	35.42 2.39 0.00	36.30 2.55 0.00	39.97 2.83 0.00	39.24 2.82 0.00	47.67 3.44 0.00	44.96 3.26 0.00	49.84 3.41 0.00	42.96 2.96 0.00	41.56 2.82 0.00	47.07 3.04 0.00	48.16 3.10 0.00	60.43 2.90 -16.51	50.04 3.03 -0.71	36.21 2.17 0.00	25.01 1.50 0.00
DANSKAMMER___3 23590	33.54 2.10 0.00	29.39 1.67 0.00	28.16 1.50 0.00	26.03 1.34 0.00	26.91 1.40 0.00	28.07 1.54 0.00	28.71 1.78 0.00	35.34 2.15 0.00	38.39 2.43 0.00	35.42 2.39 0.00	36.30 2.55 0.00	39.97 2.83 0.00	39.24 2.82 0.00	47.67 3.44 0.00	44.96 3.26 0.00	49.84 3.41 0.00	42.96 2.96 0.00	41.56 2.82 0.00	47.07 3.04 0.00	48.16 3.10 0.00	60.43 2.90 -16.51	50.04 3.03 -0.71	36.21 2.17 0.00	25.01 1.50 0.00

DANSKAMMER___4 23591	33.54 2.10 0.00	29.39 1.67 0.00	28.16 1.50 0.00	26.03 1.34 0.00	26.91 1.40 0.00	28.07 1.54 0.00	28.71 1.78 0.00	35.34 2.15 0.00	38.39 2.43 0.00	35.42 2.39 0.00	36.30 2.55 0.00	39.97 2.83 0.00	39.24 2.82 0.00	47.67 3.44 0.00	44.96 3.26 0.00	49.84 3.41 0.00	42.96 2.96 0.00	41.56 2.82 0.00	47.07 3.04 0.00	48.16 3.10 0.00	60.43 2.90 -16.51	50.04 3.03 -0.71	36.21 2.17 0.00	25.01 1.50 0.00
DANSKAMMER___DIESEL 23592	33.54 2.10 0.00	29.39 1.67 0.00	28.16 1.50 0.00	26.04 1.34 0.00	26.91 1.40 0.00	28.07 1.54 0.00	28.71 1.78 0.00	35.34 2.15 0.00	38.39 2.43 0.00	35.42 2.39 0.00	36.30 2.55 0.00	39.97 2.83 0.00	39.24 2.83 0.00	47.67 3.45 0.00	44.96 3.26 0.00	49.84 3.41 0.00	42.96 2.97 0.00	41.57 2.82 0.00	47.07 3.05 0.00	48.16 3.10 0.00	60.43 2.90 -16.51	50.04 3.03 -0.71	36.21 2.17 0.00	25.02 1.50 0.00
DARBY___SOLAR 323810	33.35 1.91 0.00	29.34 1.62 0.00	28.22 1.57 0.00	26.15 1.45 0.00	27.02 1.51 0.00	28.11 1.58 0.00	28.52 1.59 0.00	35.19 2.00 0.00	38.15 2.19 0.00	34.78 1.76 0.00	35.35 1.60 0.00	38.93 1.80 0.00	38.28 1.87 0.00	46.71 2.48 0.00	44.33 2.62 0.00	49.46 3.03 0.00	42.69 2.69 0.00	41.49 2.75 0.00	47.70 3.68 0.00	48.70 3.64 0.00	84.85 3.57 -40.26	56.57 3.74 -6.54	36.32 2.28 0.00	24.96 1.43 0.00
DASHVILLE___HYD 23610	33.17 1.73 0.00	29.08 1.36 0.00	27.84 1.18 0.00	25.76 1.06 0.00	26.61 1.10 0.00	27.76 1.23 0.00	28.41 1.47 0.00	35.02 1.83 0.00	38.08 2.12 0.00	35.16 2.13 0.00	36.04 2.28 0.00	39.66 2.52 0.00	38.92 2.51 0.00	47.24 3.01 0.00	44.50 2.79 0.00	49.30 2.87 0.00	42.50 2.50 0.00	41.12 2.38 0.00	46.52 2.50 0.00	47.60 2.55 0.00	59.33 2.31 -15.99	49.88 2.39 -1.19	35.78 1.75 0.00	24.74 1.22 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.63 2.98 -0.22	30.05 2.34 0.00	28.73 2.07 0.00	26.70 2.01 0.00	27.66 2.15 0.00	29.73 2.60 -0.60	35.84 3.00 -5.91	36.82 3.63 0.00	39.91 3.95 0.00	39.50 5.39 -1.08	39.65 4.47 -1.42	41.91 4.78 0.00	41.17 4.68 -0.07	49.32 5.09 0.00	46.06 4.35 0.00	51.02 4.59 0.00	44.24 4.24 0.00	43.10 4.36 0.00	48.49 4.46 0.00	49.64 4.58 0.00	61.78 4.37 -16.39	50.74 3.77 -0.67	36.81 2.77 0.00	25.65 2.13 0.00
DELAWARE___LFGE 323621	32.37 0.93 0.00	28.45 0.74 0.00	27.32 0.66 0.00	25.34 0.64 0.00	26.19 0.68 0.00	27.28 0.75 0.00	27.76 0.83 0.00	34.18 0.99 0.00	37.05 1.09 0.00	34.00 0.97 0.00	34.80 1.05 0.00	38.30 1.17 0.00	37.62 1.21 0.00	45.71 1.48 0.00	43.19 1.49 0.00	48.03 1.60 0.00	41.37 1.38 0.00	40.02 1.28 0.00	45.41 1.38 0.00	46.45 1.39 0.00	45.10 1.19 -2.90	48.42 1.25 -0.87	34.90 0.87 0.00	24.07 0.55 0.00
DERFIELD_115KV_TB7 355931	31.61 0.17 0.00	27.86 0.14 0.00	26.79 0.13 0.00	24.82 0.12 0.00	25.64 0.13 0.00	26.68 0.16 0.00	27.09 0.16 0.00	33.28 0.09 0.00	36.03 0.07 0.00	33.09 0.07 0.00	33.84 0.09 0.00	37.25 0.11 0.00	36.57 0.16 0.00	44.46 0.23 0.00	41.99 0.28 0.00	46.71 0.28 0.00	40.25 0.25 0.00	38.98 0.24 0.00	44.29 0.26 0.00	45.33 0.27 0.00	41.28 0.26 0.00	46.54 0.24 0.00	34.17 0.13 0.00	23.58 0.06 0.00
DOGLEVILLE___HYD 23807	32.04 0.60 0.00	28.16 0.44 0.00	27.07 0.41 0.00	25.09 0.40 0.00	25.94 0.43 0.00	27.05 0.52 0.00	27.41 0.48 0.00	33.48 0.29 0.00	35.98 0.02 0.00	32.77 -0.26 0.00	33.45 -0.30 0.00	36.96 -0.17 0.00	36.47 0.06 0.00	44.56 0.33 0.00	42.44 0.74 0.00	47.38 0.95 0.00	40.99 1.00 0.00	39.77 1.03 0.00	45.48 1.46 0.00	46.70 1.64 0.00	42.54 1.52 0.00	47.75 1.45 0.00	34.87 0.84 0.00	24.02 0.50 0.00
DUNKIRK___115KV_TB_200 55889	30.76 -0.67 0.00	26.95 -0.76 0.00	25.95 -0.71 0.00	24.10 -0.59 0.00	24.92 -0.60 0.00	25.84 -0.69 0.00	26.27 -0.67 0.00	32.78 -0.41 0.00	35.68 -0.28 0.00	32.94 -0.09 0.00	33.75 0.00 0.00	37.23 0.10 0.00	36.75 0.34 0.00	44.66 0.43 0.00	42.76 1.06 0.00	47.89 1.45 0.00	41.30 1.30 0.00	39.73 0.99 0.00	44.71 0.68 0.00	45.51 0.45 0.00	40.75 -0.27 0.00	46.70 0.40 0.00	34.47 0.43 0.00	23.44 -0.08 0.00
DUNKIRK___1 23563	30.76 -0.67 0.00	26.95 -0.76 0.00	25.95 -0.71 0.00	24.10 -0.59 0.00	24.92 -0.60 0.00	25.84 -0.69 0.00	26.27 -0.67 0.00	32.78 -0.41 0.00	35.68 -0.28 0.00	32.94 -0.09 0.00	33.75 0.00 0.00	37.23 0.10 0.00	36.75 0.34 0.00	44.66 0.43 0.00	42.76 1.06 0.00	47.89 1.45 0.00	41.30 1.30 0.00	39.73 0.99 0.00	44.71 0.68 0.00	45.51 0.45 0.00	40.75 -0.27 0.00	46.70 0.40 0.00	34.47 0.43 0.00	23.44 -0.08 0.00
DUNKIRK___2 23564	30.76 -0.67 0.00	26.95 -0.76 0.00	25.95 -0.71 0.00	24.10 -0.59 0.00	24.92 -0.60 0.00	25.84 -0.69 0.00	26.27 -0.67 0.00	32.78 -0.41 0.00	35.68 -0.28 0.00	32.94 -0.09 0.00	33.75 0.00 0.00	37.23 0.10 0.00	36.75 0.34 0.00	44.66 0.43 0.00	42.76 1.06 0.00	47.89 1.45 0.00	41.30 1.30 0.00	39.73 0.99 0.00	44.71 0.68 0.00	45.51 0.45 0.00	40.75 -0.27 0.00	46.70 0.40 0.00	34.47 0.43 0.00	23.44 -0.08 0.00
DUNKIRK___3 23565	30.62 -0.82 0.00	26.83 -0.88 0.00	25.83 -0.83 0.00	23.98 -0.71 0.00	24.79 -0.72 0.00	25.70 -0.83 0.00	26.09 -0.84 0.00	32.53 -0.66 0.00	35.39 -0.57 0.00	32.67 -0.35 0.00	33.48 -0.27 0.00	36.91 -0.22 0.00	36.44 0.03 0.00	44.26 0.03 0.00	42.37 0.66 0.00	47.46 1.03 0.00	40.94 0.95 0.00	39.38 0.64 0.00	44.31 0.28 0.00	45.09 0.03 0.00	40.41 -0.61 0.00	46.30 -0.01 0.00	34.18 0.14 0.00	23.28 -0.24 0.00
DUNKIRK___4 23566	30.62 -0.82 0.00	26.83 -0.88 0.00	25.83 -0.83 0.00	23.98 -0.71 0.00	24.79 -0.72 0.00	25.70 -0.83 0.00	26.09 -0.84 0.00	32.53 -0.66 0.00	35.39 -0.57 0.00	32.67 -0.35 0.00	33.48 -0.27 0.00	36.91 -0.22 0.00	36.44 0.03 0.00	44.26 0.03 0.00	42.37 0.66 0.00	47.46 1.03 0.00	40.94 0.95 0.00	39.38 0.64 0.00	44.31 0.28 0.00	45.09 0.03 0.00	40.41 -0.61 0.00	46.30 -0.01 0.00	34.18 0.14 0.00	23.28 -0.24 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.57 2.13 0.00	29.42 1.70 0.00	28.18 1.52 0.00	26.06 1.36 0.00	26.94 1.42 0.00	28.12 1.59 0.00	28.81 1.88 0.00	35.46 2.27 0.00	38.49 2.53 0.00	35.53 2.50 0.00	36.38 2.63 0.00	40.00 2.86 0.00	39.26 2.85 0.00	47.61 3.38 0.00	44.80 3.09 0.00	49.55 3.12 0.00	42.72 2.72 0.00	41.38 2.64 0.00	46.83 2.80 0.00	47.90 2.84 0.00	60.09 2.70 -16.37	49.74 2.77 -0.67	36.13 2.09 0.00	25.02 1.50 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.25 1.82 0.00	29.16 1.44 0.00	27.94 1.28 0.00	25.84 1.14 0.00	26.71 1.19 0.00	27.85 1.32 0.00	28.50 1.56 0.00	35.06 1.87 0.00	38.09 2.13 0.00	35.13 2.10 0.00	36.00 2.24 0.00	39.60 2.47 0.00	38.86 2.45 0.00	47.16 2.93 0.00	44.45 2.75 0.00	49.27 2.84 0.00	42.48 2.48 0.00	41.14 2.40 0.00	46.55 2.52 0.00	47.64 2.58 0.00	62.01 2.44 -18.55	49.53 2.54 -0.69	35.88 1.85 0.00	24.81 1.29 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	33.59 2.14 -0.01	29.53 1.81 0.00	28.34 1.68 0.00	26.18 1.49 0.00	27.10 1.59 0.00	28.31 1.78 0.00	28.97 2.03 0.00	35.58 2.39 0.00	38.63 2.67 0.00	35.67 2.64 0.00	36.51 2.77 0.00	40.10 2.97 0.00	39.42 3.00 0.00	47.76 3.53 0.00	44.81 3.11 0.00	49.56 3.13 0.00	42.69 2.69 0.00	41.37 2.63 0.00	46.90 2.87 0.00	47.95 2.89 0.00	60.21 2.82 -16.37	49.89 2.91 -0.67	36.29 2.25 0.00	25.16 1.64 0.00
E179THST_13_KV_LOAD 356214	33.78 2.34 -0.01	29.70 1.98 0.00	28.50 1.84 0.00	26.32 1.63 0.00	27.24 1.73 0.00	28.46 1.93 0.00	29.13 2.20 0.00	35.79 2.61 0.00	38.87 2.91 0.00	35.90 2.87 0.00	36.75 3.00 0.00	40.37 3.24 0.00	39.70 3.29 0.00	48.08 3.85 0.00	45.12 3.41 0.00	49.90 3.47 0.00	42.98 2.98 0.00	41.66 2.92 0.00	47.22 3.19 0.00	48.27 3.22 0.00	60.51 3.12 -16.37	50.22 3.24 -0.67	36.53 2.49 0.00	25.32 1.80 0.00
EAST HAMPTON___GT 23717	34.72 3.06 -0.22	30.16 2.45 0.00	28.84 2.18 0.00	26.89 2.19 0.00	27.99 2.48 0.00	30.18 3.05 -0.60	36.36 3.52 -5.91	37.53 4.34 0.00	40.71 4.75 0.00	39.13 5.02 -1.09	40.23 5.05 -1.42	42.60 5.47 0.00	41.67 5.18 -0.08	49.64 5.41 0.00	46.23 4.52 0.00	51.37 4.95 0.00	44.55 4.55 0.00	43.39 4.65 0.00	48.62 4.59 0.00	49.97 4.91 0.00	62.11 4.70 -16.39	50.93 3.96 -0.67	36.86 2.83 0.00	25.87 2.35 0.00
EAST RIVER___6 23660	33.78 2.34 0.00	29.60 1.88 0.00	28.33 1.67 0.00	26.16 1.46 0.00	27.05 1.54 0.00	28.27 1.74 0.00	29.01 2.07 0.00	35.72 2.53 0.00	38.81 2.85 0.00	35.86 2.83 0.00	36.73 2.98 0.00	40.37 3.23 0.00	39.63 3.22 0.00	48.07 3.84 0.00	45.20 3.49 0.00	49.98 3.55 0.00	43.09 3.10 0.00	41.72 2.98 0.00	47.17 3.14 0.00	48.22 3.17 0.00	60.37 2.98 -16.37	50.15 3.18 -0.67	36.44 2.40 0.00	25.23 1.71 0.00
EAST RIVER___7 23524	33.78 2.34 0.00	29.60 1.88 0.00	28.33 1.67 0.00	26.16 1.46 0.00	27.05 1.54 0.00	28.27 1.74 0.00	29.01 2.07 0.00	35.72 2.53 0.00	38.81 2.85 0.00	35.86 2.83 0.00	36.73 2.98 0.00	40.37 3.23 0.00	39.63 3.22 0.00	48.07 3.84 0.00	45.20 3.49 0.00	49.98 3.55 0.00	43.09 3.10 0.00	41.72 2.98 0.00	47.17 3.14 0.00	48.22 3.17 0.00	60.37 2.98 -16.37	50.15 3.18 -0.67	36.44 2.40 0.00	25.23 1.71 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.48 2.04 0.00	29.34 1.63 0.00	28.11 1.46 0.00	25.99 1.29 0.00	26.87 1.36 0.00	28.06 1.52 0.00	28.73 1.80 0.00	35.35 2.16 0.00	38.38 2.42 0.00	35.42 2.39 0.00	36.27 2.52 0.00	39.87 2.74 0.00	39.12 2.71 0.00	47.45 3.22 0.00	44.64 2.94 0.00	49.41 2.99 0.00	42.58 2.59 0.00	41.26 2.52 0.00	46.70 2.67 0.00	47.77 2.72 0.00	60.12 2.58 -16.52	49.61 2.64 -0.67	36.00 1.97 0.00	24.93 1.41 0.00
EAST_HAMPTON___DIESEL 23722	34.66 3.01 -0.22	30.12 2.41 0.00	28.81 2.15 0.00	26.86 2.17 0.00	27.98 2.46 0.00	30.19 3.05 -0.60	36.37 3.53 -5.91	37.54 4.35 0.00	40.74 4.78 0.00	39.14 5.03 -1.09	40.24 5.06 -1.42	42.62 5.48 0.00	41.67 5.18 -0.08	49.63 5.41 0.00	46.22 4.52 0.00	51.37 4.95 0.00	44.56 4.57 0.00	43.39 4.65 0.00	48.60 4.57 0.00	49.94 4.88 0.00	62.07 4.67 -16.39	50.88 3.90 -0.67	36.80 2.76 0.00	25.85 2.33 0.00
EAST_POINT___SOLAR 323840	33.62 2.18 0.00	29.52 1.81 0.00	28.34 1.68 0.00	26.25 1.55 0.00	27.13 1.62 0.00	28.29 1.76 0.00	28.90 1.96 0.00	35.02 1.84 0.00	37.61 1.65 0.00	34.00 0.97 0.00	34.64 0.89 0.00	37.97 0.84 0.00	36.99 0.58 0.00	44.95 0.72 0.00	43.41 1.70 0.00	49.16 2.73 0.00	42.84 2.85 0.00	41.56 2.82 0.00	47.28 3.25 0.00	48.49 3.43 0.00	83.08 3.09 -38.97	56.40 3.51 -6.59	36.48 2.44 0.00	25.05 1.53 0.00
EAST_PULASKI___ESR 323781	30.99 -0.45 0.00	27.35 -0.37 0.00	26.27 -0.39 0.00	24.34 -0.36 0.00	25.16 -0.36 0.00	26.19 -0.34 0.00	26.55 -0.38 0.00	32.28 -0.91 0.00	34.87 -1.09 0.00	32.10 -0.93 0.00	32.81 -0.94 0.00	36.09 -1.05 0.00	35.50 -0.91 0.00	43.13 -1.11 0.00	40.95 -0.75 0.00	45.80 -0.63 0.00	39.66 -0.33 0.00	38.41 -0.33 0.00	43.64 -0.38 0.00	44.63 -0.42 0.00	40.59 -0.43 0.00	45.85 -0.45 0.00	33.55 -0.49 0.00	22.96 -0.56 0.00
EAST_RIVER___1 323558	33.73 2.29 0.00	29.56 1.84 0.00	28.30 1.64 0.00	26.14 1.45 0.00	27.04 1.52 0.00	28.24 1.71 0.00	28.97 2.03 0.00	35.66 2.46 0.00	38.73 2.77 0.00	35.77 2.74 0.00	36.64 2.88 0.00	40.24 3.11 0.00	39.51 3.10 0.00	47.93 3.70 0.00	45.06 3.35 0.00	49.84 3.41 0.00	42.95 2.96 0.00	41.60 2.87 0.00	47.03 3.01 0.00	48.08 3.03 0.00	60.24 2.86 -16.37	49.97 2.99 -0.67	36.32 2.28 0.00	25.15 1.64 0.00
EAST_RIVER___2 323559	33.78 2.34 0.00	29.60 1.88 0.00	28.33 1.67 0.00	26.16 1.46 0.00	27.05 1.54 0.00	28.27 1.74 0.00	29.01 2.07 0.00	35.72 2.53 0.00	38.81 2.85 0.00	35.86 2.83 0.00	36.73 2.98 0.00	40.37 3.23 0.00	39.63 3.22 0.00	48.07 3.84 0.00	45.20 3.49 0.00	49.98 3.55 0.00	43.09 3.10 0.00	41.72 2.98 0.00	47.17 3.14 0.00	48.22 3.17 0.00	60.37 2.98 -16.37	50.15 3.18 -0.67	36.44 2.40 0.00	25.23 1.71 0.00
EAST___DELAWARE_HYD 23607	32.36 0.92 0.00	28.35 0.64 0.00	27.15 0.49 0.00	25.09 0.40 0.00	25.94 0.43 0.00	27.05 0.52 0.00	27.67 0.74 0.00	34.06 0.87 0.00	37.04 1.08 0.00	34.21 1.18 0.00	35.08 1.33 0.00	38.62 1.49 0.00	37.69 1.28 0.00	44.87 0.64 0.00	42.29 0.58 0.00	46.94 0.51 0.00	40.49 0.50 0.00	39.21 0.47 0.00	44.43 0.40 0.00	45.46 0.40 0.00	53.21 0.53 -11.66	48.93 1.74 -0.89	35.22 1.18 0.00	24.32 0.80 0.00
EIGHT_POINT___WT_PWR 323820	31.50 0.06 0.00	27.61 -0.10 0.00	26.53 -0.13 0.00	24.63 -0.06 0.00	25.48 -0.03 0.00	26.47 -0.05 0.00	26.89 -0.04 0.00	33.03 -0.16 0.00	36.17 0.21 0.00	33.25 0.23 0.00	34.03 0.28 0.00	37.41 0.27 0.00	36.96 0.55 0.00	44.95 0.72 0.00	42.90 1.19 0.00	47.96 1.53 0.00	41.42 1.43 0.00	39.48 0.74 0.00	44.39 0.37 0.00	45.45 0.39 0.00	40.70 -0.32 0.00	46.53 0.23 0.00	34.45 0.41 0.00	23.61 0.09 0.00
ELBRIDGE_115KV_TB2 80188	31.10 -0.34 0.00	27.45 -0.26 0.00	26.40 -0.26 0.00	24.45 -0.25 0.00	25.28 -0.23 0.00	26.32 -0.21 0.00	26.66 -0.28 0.00	32.51 -0.68 0.00	35.13 -0.83 0.00	32.30 -0.73 0.00	33.02 -0.73 0.00	36.44 -0.69 0.00	35.88 -0.53 0.00	43.64 -0.59 0.00	41.41 -0.30 0.00	46.20 -0.23 0.00	39.90 -0.10 0.00	38.57 -0.17 0.00	43.72 -0.30 0.00	44.64 -0.42 0.00	40.39 -0.62 0.00	45.62 -0.68 0.00	33.50 -0.53 0.00	23.02 -0.50 0.00
ELEC_TRO_TEK 24086	34.15 2.49 -0.22	29.71 2.00 0.00	28.43 1.77 0.00	26.32 1.62 0.00	27.17 1.66 0.00	29.05 1.91 -0.60	35.05 2.21 -5.91	35.80 2.62 0.00	38.73 2.77 0.00	37.00 2.90 -1.08	38.20 3.02 -1.42	40.39 3.26 0.00	39.75 3.26 -0.07	47.91 3.67 0.00	44.99 3.29 0.00	49.68 3.25 0.00	42.87 2.87 0.00	41.71 2.97 0.00	47.16 3.13 0.00	48.16 3.11 0.00	60.45 3.04 -16.39	49.82 2.84 -0.67	36.33 2.29 0.00	25.19 1.67 0.00

ELLENBURG_WT_PWR 323604	33.01 1.58 0.00	29.05 1.33 0.00	27.91 1.25 0.00	25.84 1.15 0.00	26.59 1.08 0.00	27.42 0.88 0.00	27.86 0.93 0.00	34.03 0.84 0.00	36.75 0.79 0.00	33.53 0.50 0.00	34.19 0.44 0.00	37.55 0.42 0.00	36.78 0.37 0.00	44.65 0.42 0.00	41.82 0.11 0.00	46.93 0.50 0.00	40.07 0.08 0.00	38.99 0.24 0.00	44.70 0.67 0.00	46.14 1.08 0.00	42.40 1.38 0.00	48.30 2.00 0.00	35.50 1.46 0.00	24.55 1.04 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.35 -1.09 0.00	26.62 -1.10 0.00	25.64 -1.02 0.00	23.76 -0.93 0.00	24.55 -0.96 0.00	25.36 -1.17 0.00	25.65 -1.28 0.00	32.04 -1.14 0.00	34.82 -1.14 0.00	32.22 -0.80 0.00	33.06 -0.69 0.00	36.38 -0.76 0.00	35.92 -0.49 0.00	43.68 -0.55 0.00	41.84 0.13 0.00	46.94 0.51 0.00	40.47 0.48 0.00	38.96 0.22 0.00	43.80 -0.22 0.00	44.48 -0.58 0.00	39.92 -1.10 0.00	45.71 -0.59 0.00	33.76 -0.28 0.00	23.06 -0.46 0.00
EMPIRE_CC_1 323656	32.12 0.68 0.00	28.29 0.58 0.00	27.34 0.68 0.00	25.36 0.66 0.00	26.20 0.69 0.00	27.21 0.68 0.00	27.56 0.63 0.00	33.76 0.57 0.00	36.51 0.55 0.00	33.46 0.43 0.00	34.20 0.45 0.00	37.68 0.54 0.00	36.99 0.58 0.00	45.09 0.86 0.00	42.59 0.88 0.00	47.18 0.75 0.00	40.57 0.58 0.00	39.35 0.61 0.00	44.95 0.92 0.00	46.10 1.04 0.00	58.33 1.14 -16.17	49.27 1.09 -1.88	34.61 0.58 0.00	23.98 0.46 0.00
EMPIRE_CC_2 323658	32.12 0.68 0.00	28.29 0.58 0.00	27.34 0.68 0.00	25.36 0.66 0.00	26.20 0.69 0.00	27.21 0.68 0.00	27.56 0.63 0.00	33.76 0.57 0.00	36.51 0.55 0.00	33.46 0.43 0.00	34.20 0.45 0.00	37.68 0.54 0.00	36.99 0.58 0.00	45.09 0.86 0.00	42.59 0.88 0.00	47.18 0.75 0.00	40.57 0.58 0.00	39.35 0.61 0.00	44.95 0.92 0.00	46.10 1.04 0.00	58.33 1.14 -16.17	49.27 1.09 -1.88	34.61 0.58 0.00	23.98 0.46 0.00
ENORWICH_115KV_TB1 80156	33.55 2.11 0.00	29.47 1.75 0.00	28.28 1.62 0.00	26.22 1.52 0.00	27.12 1.61 0.00	28.32 1.80 0.00	28.84 1.90 0.00	36.25 3.05 0.00	39.08 3.12 0.00	35.41 2.38 0.00	36.21 2.46 0.00	39.67 2.54 0.00	38.68 2.27 0.00	47.26 3.03 0.00	45.37 3.67 0.00	50.59 4.17 0.00	43.51 3.52 0.00	42.08 3.34 0.00	47.92 3.89 0.00	48.92 3.86 0.00	46.37 3.16 -2.19	50.14 3.43 -0.40	36.36 2.32 0.00	24.97 1.45 0.00
ERIE_ST_34_KV_TB1-2 80199	30.66 -0.78 0.00	26.87 -0.85 0.00	25.86 -0.80 0.00	23.96 -0.73 0.00	24.76 -0.75 0.00	25.62 -0.91 0.00	25.95 -0.99 0.00	32.35 -0.84 0.00	35.14 -0.82 0.00	32.52 -0.51 0.00	33.34 -0.41 0.00	36.72 -0.42 0.00	36.29 -0.12 0.00	44.15 -0.08 0.00	42.31 0.60 0.00	47.47 1.04 0.00	40.96 0.96 0.00	39.45 0.71 0.00	44.32 0.29 0.00	45.01 -0.05 0.00	40.39 -0.63 0.00	46.20 -0.10 0.00	34.09 0.05 0.00	23.25 -0.27 0.00
ERIE_WT_PWR 323693	30.53 -0.91 0.00	26.78 -0.94 0.00	25.79 -0.87 0.00	23.89 -0.80 0.00	24.69 -0.82 0.00	25.52 -1.01 0.00	25.82 -1.11 0.00	32.21 -0.98 0.00	34.98 -0.98 0.00	32.39 -0.63 0.00	33.23 -0.52 0.00	36.55 -0.58 0.00	36.15 -0.26 0.00	43.94 -0.29 0.00	42.07 0.36 0.00	47.24 0.81 0.00	40.73 0.73 0.00	39.20 0.45 0.00	44.09 0.05 0.00	44.77 -0.29 0.00	40.17 -0.86 0.00	45.98 -0.32 0.00	33.95 -0.09 0.00	23.17 -0.35 0.00
ESPRGFLD_115KV_TB1 80157	33.02 1.58 0.00	29.00 1.29 0.00	27.82 1.16 0.00	25.78 1.08 0.00	26.64 1.13 0.00	27.76 1.23 0.00	28.42 1.49 0.00	35.04 1.84 0.00	38.02 2.06 0.00	35.02 1.99 0.00	35.81 2.06 0.00	39.19 2.06 0.00	38.10 1.69 0.00	46.22 1.99 0.00	43.74 2.03 0.00	48.94 2.51 0.00	42.22 2.22 0.00	40.78 2.04 0.00	46.22 2.19 0.00	47.26 2.20 0.00	67.33 1.82 -24.50	52.88 2.07 -4.51	35.60 1.56 0.00	24.52 1.01 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.93 0.49 0.00	28.10 0.38 0.00	27.00 0.34 0.00	25.03 0.34 0.00	25.89 0.38 0.00	26.97 0.44 0.00	27.40 0.46 0.00	33.60 0.41 0.00	36.34 0.38 0.00	33.27 0.24 0.00	33.97 0.21 0.00	37.44 0.31 0.00	36.88 0.47 0.00	44.98 0.76 0.00	42.81 1.11 0.00	47.68 1.26 0.00	41.25 1.26 0.00	39.88 1.14 0.00	45.21 1.19 0.00	46.19 1.13 0.00	42.84 0.76 -1.06	47.39 0.90 -0.19	34.62 0.58 0.00	23.74 0.22 0.00
ETNA____115KV_TB2 80207	31.93 0.49 0.00	28.10 0.38 0.00	27.00 0.34 0.00	25.03 0.34 0.00	25.89 0.38 0.00	26.97 0.44 0.00	27.40 0.46 0.00	33.60 0.41 0.00	36.34 0.38 0.00	33.27 0.24 0.00	33.97 0.21 0.00	37.44 0.31 0.00	36.88 0.47 0.00	44.98 0.76 0.00	42.81 1.11 0.00	47.68 1.26 0.00	41.25 1.26 0.00	39.88 1.14 0.00	45.21 1.19 0.00	46.19 1.13 0.00	42.84 0.76 -1.06	47.39 0.90 -0.19	34.62 0.58 0.00	23.74 0.22 0.00
EUCLID____115KV_TB2 356179	30.90 -0.54 0.00	27.28 -0.43 0.00	26.23 -0.43 0.00	24.30 -0.40 0.00	25.11 -0.40 0.00	26.13 -0.40 0.00	26.50 -0.43 0.00	32.30 -0.89 0.00	34.90 -1.06 0.00	32.11 -0.92 0.00	32.88 -0.87 0.00	36.25 -0.88 0.00	35.67 -0.74 0.00	43.41 -0.82 0.00	41.14 -0.56 0.00	45.90 -0.53 0.00	39.64 -0.35 0.00	38.33 -0.41 0.00	43.44 -0.59 0.00	44.34 -0.71 0.00	40.21 -0.81 0.00	45.41 -0.89 0.00	33.30 -0.74 0.00	22.88 -0.64 0.00
E_CANADA_CAP_HY 24051	33.37 1.93 0.00	29.32 1.60 0.00	28.14 1.49 0.00	26.07 1.37 0.00	26.93 1.42 0.00	28.05 1.52 0.00	28.75 1.81 0.00	35.28 2.09 0.00	38.16 2.20 0.00	34.99 1.96 0.00	35.69 1.94 0.00	38.91 1.78 0.00	37.74 1.33 0.00	45.77 1.54 0.00	43.43 1.73 0.00	48.86 2.43 0.00	42.31 2.32 0.00	40.93 2.19 0.00	46.52 2.49 0.00	47.66 2.60 0.00	78.22 2.30 -34.90	54.96 2.72 -5.94	36.01 1.97 0.00	24.80 1.28 0.00
E_CANADA_MHWK_HY 24050	32.04 0.60 0.00	28.16 0.44 0.00	27.07 0.41 0.00	25.09 0.40 0.00	25.94 0.43 0.00	27.05 0.52 0.00	27.41 0.48 0.00	33.48 0.29 0.00	35.98 0.02 0.00	32.77 -0.26 0.00	33.45 -0.30 0.00	36.96 -0.17 0.00	36.47 0.06 0.00	44.56 0.33 0.00	42.44 0.74 0.00	47.38 0.95 0.00	40.99 1.00 0.00	39.77 1.03 0.00	45.48 1.46 0.00	46.70 1.64 0.00	42.54 1.52 0.00	47.75 1.45 0.00	34.87 0.84 0.00	24.02 0.50 0.00
E_FISHKILL____LBMP 23776	33.15 1.71 0.00	29.08 1.36 0.00	27.88 1.22 0.00	25.79 1.09 0.00	26.66 1.15 0.00	27.80 1.27 0.00	28.43 1.49 0.00	34.95 1.76 0.00	37.93 1.97 0.00	34.96 1.93 0.00	35.79 2.04 0.00	39.37 2.24 0.00	38.65 2.24 0.00	46.93 2.70 0.00	44.21 2.50 0.00	48.96 2.53 0.00	42.19 2.19 0.00	40.86 2.12 0.00	46.32 2.29 0.00	47.41 2.35 0.00	58.20 2.26 -14.92	49.28 2.29 -0.68	35.69 1.65 0.00	24.70 1.18 0.00
FALCON____SEABRD_CC1 323796	33.04 1.61 0.00	29.07 1.36 0.00	27.93 1.28 0.00	25.86 1.17 0.00	26.61 1.10 0.00	27.42 0.89 0.00	27.88 0.94 0.00	34.01 0.82 0.00	36.71 0.75 0.00	33.49 0.46 0.00	34.15 0.40 0.00	37.51 0.38 0.00	36.77 0.36 0.00	44.68 0.45 0.00	41.87 0.17 0.00	46.90 0.48 0.00	39.97 -0.03 0.00	38.89 0.14 0.00	44.59 0.56 0.00	46.11 1.05 0.00	42.43 1.41 0.00	48.34 2.05 0.00	35.54 1.50 0.00	24.58 1.06 0.00

FALCON___SEABRD_CC2 323797	33.04 1.61 0.00	29.07 1.36 0.00	27.93 1.28 0.00	25.86 1.17 0.00	26.61 1.10 0.00	27.42 0.89 0.00	27.88 0.94 0.00	34.01 0.82 0.00	36.71 0.75 0.00	33.49 0.46 0.00	34.15 0.40 0.00	37.51 0.38 0.00	36.77 0.36 0.00	44.68 0.45 0.00	41.87 0.17 0.00	46.90 0.48 0.00	39.97 -0.03 0.00	38.89 0.14 0.00	44.59 0.56 0.00	46.11 1.05 0.00	42.43 1.41 0.00	48.34 2.05 0.00	35.54 1.50 0.00	24.58 1.06 0.00
FAR ROCKAWAY___4 23548	34.72 3.06 -0.22	30.18 2.46 0.00	28.87 2.21 0.00	26.71 2.01 0.00	27.57 2.06 0.00	29.45 2.32 -0.60	35.48 2.64 -5.91	36.34 3.15 0.00	39.33 3.37 0.00	37.57 3.46 -1.08	38.83 3.65 -1.42	41.11 3.97 0.00	40.45 3.96 -0.07	48.62 4.39 0.00	45.55 3.84 0.00	50.30 3.88 0.00	43.41 3.42 0.00	42.22 3.48 0.00	47.73 3.70 0.00	48.77 3.71 0.00	60.96 3.55 -16.39	50.60 3.63 -0.67	37.06 3.02 0.00	25.64 2.12 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.75 2.32 0.00	29.57 1.86 0.00	28.32 1.66 0.00	26.16 1.47 0.00	27.06 1.55 0.00	28.26 1.73 0.00	28.98 2.05 0.00	35.68 2.49 0.00	38.74 2.78 0.00	35.78 2.75 0.00	36.65 2.90 0.00	40.26 3.12 0.00	39.52 3.11 0.00	47.93 3.70 0.00	45.07 3.37 0.00	49.86 3.44 0.00	42.98 2.98 0.00	41.61 2.87 0.00	47.05 3.03 0.00	48.11 3.06 0.00	60.27 2.88 -16.37	49.98 3.01 -0.67	36.33 2.30 0.00	25.16 1.64 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.78 2.35 0.00	29.60 1.88 0.00	28.35 1.69 0.00	26.19 1.49 0.00	27.08 1.57 0.00	28.29 1.75 0.00	29.01 2.07 0.00	35.70 2.51 0.00	38.77 2.81 0.00	35.80 2.77 0.00	36.68 2.93 0.00	40.28 3.14 0.00	39.54 3.13 0.00	47.98 3.75 0.00	45.11 3.40 0.00	49.90 3.47 0.00	43.00 3.00 0.00	41.64 2.90 0.00	47.09 3.06 0.00	48.16 3.10 0.00	60.31 2.92 -16.37	50.04 3.07 -0.67	36.37 2.33 0.00	25.18 1.67 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.73 2.29 0.00	29.55 1.84 0.00	28.30 1.64 0.00	26.15 1.45 0.00	27.04 1.53 0.00	28.25 1.72 0.00	28.97 2.03 0.00	35.65 2.46 0.00	38.72 2.76 0.00	35.75 2.72 0.00	36.62 2.87 0.00	40.22 3.08 0.00	39.48 3.07 0.00	47.89 3.66 0.00	45.03 3.33 0.00	49.82 3.39 0.00	42.93 2.94 0.00	41.57 2.83 0.00	47.01 2.98 0.00	48.07 3.01 0.00	60.22 2.83 -16.37	49.94 2.97 -0.67	36.30 2.26 0.00	25.14 1.62 0.00
FARRAGUT___LBMP 323566	33.70 2.26 0.00	29.53 1.82 0.00	28.28 1.63 0.00	26.13 1.44 0.00	27.02 1.51 0.00	28.23 1.70 0.00	28.94 2.01 0.00	35.62 2.43 0.00	38.69 2.73 0.00	35.72 2.69 0.00	36.58 2.83 0.00	40.18 3.05 0.00	39.45 3.03 0.00	47.85 3.61 0.00	44.98 3.28 0.00	49.77 3.34 0.00	42.89 2.90 0.00	41.53 2.79 0.00	46.97 2.94 0.00	48.03 2.97 0.00	60.19 2.80 -16.37	49.90 2.93 -0.67	36.27 2.23 0.00	25.13 1.61 0.00
FENNER___WINDPWR 24204	32.01 0.57 0.00	28.18 0.47 0.00	27.07 0.41 0.00	25.08 0.39 0.00	25.92 0.41 0.00	27.01 0.48 0.00	27.47 0.53 0.00	33.62 0.43 0.00	36.39 0.43 0.00	33.37 0.34 0.00	34.09 0.34 0.00	37.58 0.45 0.00	37.00 0.59 0.00	45.07 0.84 0.00	42.74 1.04 0.00	47.73 1.31 0.00	41.38 1.39 0.00	40.02 1.28 0.00	45.44 1.41 0.00	46.41 1.36 0.00	42.15 1.13 0.00	47.61 1.31 0.00	34.83 0.79 0.00	23.85 0.33 0.00
FIBERTEK___ENERGY 23856	31.24 -0.20 0.00	27.58 -0.14 0.00	26.49 -0.17 0.00	24.54 -0.16 0.00	25.39 -0.12 0.00	26.42 -0.11 0.00	26.78 -0.16 0.00	32.64 -0.55 0.00	35.27 -0.69 0.00	32.44 -0.59 0.00	33.21 -0.55 0.00	36.65 -0.48 0.00	36.07 -0.34 0.00	43.90 -0.33 0.00	41.64 -0.06 0.00	46.45 0.02 0.00	40.13 0.14 0.00	38.82 0.08 0.00	43.99 -0.03 0.00	44.91 -0.15 0.00	40.67 -0.34 0.00	45.91 -0.39 0.00	33.68 -0.36 0.00	23.12 -0.39 0.00
FITZPATRICK____ 23598	30.45 -0.99 0.00	26.91 -0.81 0.00	25.88 -0.78 0.00	23.98 -0.72 0.00	24.77 -0.74 0.00	25.77 -0.76 0.00	26.12 -0.82 0.00	31.76 -1.44 0.00	34.25 -1.71 0.00	31.49 -1.53 0.00	32.24 -1.51 0.00	35.52 -1.61 0.00	34.93 -1.48 0.00	42.47 -1.76 0.00	40.24 -1.46 0.00	44.89 -1.54 0.00	38.75 -1.24 0.00	37.49 -1.26 0.00	42.49 -1.53 0.00	43.41 -1.65 0.00	39.40 -1.62 0.00	44.50 -1.80 0.00	32.67 -1.36 0.00	22.48 -1.04 0.00
FLOWRFLD_69_KV_BK1 356044	34.35 2.70 -0.22	29.83 2.12 0.00	28.52 1.86 0.00	26.46 1.76 0.00	27.27 1.76 0.00	29.23 2.10 -0.60	35.25 2.41 -5.91	36.03 2.84 0.00	38.89 2.93 0.00	37.34 3.23 -1.08	38.53 3.35 -1.42	40.73 3.60 0.00	40.19 3.71 -0.07	48.25 4.02 0.00	45.05 3.34 0.00	49.72 3.29 0.00	43.16 3.17 0.00	42.11 3.37 0.00	47.55 3.53 0.00	48.59 3.53 0.00	60.80 3.39 -16.39	49.88 2.91 -0.67	36.38 2.34 0.00	25.27 1.75 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.61 2.17 0.00	29.45 1.74 0.00	28.21 1.55 0.00	26.09 1.40 0.00	26.97 1.46 0.00	28.12 1.59 0.00	28.77 1.84 0.00	35.42 2.23 0.00	38.48 2.52 0.00	35.50 2.47 0.00	36.39 2.64 0.00	40.07 2.94 0.00	39.35 2.94 0.00	47.81 3.58 0.00	45.11 3.40 0.00	49.99 3.56 0.00	43.09 3.10 0.00	41.68 2.94 0.00	47.21 3.18 0.00	48.30 3.24 0.00	60.27 3.03 -16.23	50.17 3.16 -0.71	36.29 2.25 0.00	25.08 1.56 0.00
FORT ORANGE____ 23900	32.21 0.77 0.00	28.34 0.62 0.00	27.29 0.63 0.00	25.29 0.59 0.00	26.12 0.61 0.00	27.16 0.64 0.00	27.55 0.62 0.00	33.78 0.59 0.00	36.46 0.50 0.00	33.29 0.26 0.00	34.02 0.27 0.00	37.50 0.37 0.00	36.85 0.44 0.00	44.97 0.74 0.00	42.51 0.80 0.00	47.17 0.74 0.00	40.68 0.69 0.00	39.48 0.74 0.00	45.06 1.04 0.00	46.22 1.16 0.00	67.26 1.18 -25.06	51.13 1.17 -3.67	34.66 0.62 0.00	23.94 0.42 0.00
FORT_DRUM_COGEN 23780	31.53 0.09 0.00	27.76 0.04 0.00	26.61 -0.05 0.00	24.65 -0.04 0.00	25.49 -0.02 0.00	26.56 0.03 0.00	26.91 -0.03 0.00	32.77 -0.42 0.00	35.57 -0.39 0.00	32.75 -0.27 0.00	33.53 -0.22 0.00	36.88 -0.25 0.00	36.27 -0.14 0.00	44.13 -0.11 0.00	41.94 0.23 0.00	46.66 0.23 0.00	40.54 0.54 0.00	39.37 0.63 0.00	44.99 0.96 0.00	46.18 1.12 0.00	42.10 1.08 0.00	47.46 1.16 0.00	34.62 0.58 0.00	23.52 0.00 0.00
FOX_HILLS___ESR 323835	37.23 2.28 -3.51	29.76 1.89 -0.15	28.44 1.77 -0.01	26.25 1.55 0.00	27.17 1.66 0.00	28.39 1.86 0.00	29.08 2.14 0.00	35.67 2.48 0.00	38.74 2.78 0.00	35.85 2.82 0.00	36.67 2.92 0.00	40.17 3.03 0.00	39.46 3.05 0.00	47.87 3.64 0.00	44.97 3.27 0.00	49.81 3.39 0.00	42.96 2.96 0.00	41.61 2.87 0.00	47.09 3.07 0.00	48.16 3.10 0.00	60.36 2.97 -16.37	50.08 3.10 -0.67	36.44 2.40 0.00	35.32 1.73 -10.07
FPL FAR_ROCK_GT1 24212	34.71 3.05 -0.22	30.18 2.46 0.00	28.87 2.21 0.00	26.71 2.01 0.00	27.57 2.06 0.00	29.46 2.32 -0.60	35.48 2.64 -5.91	36.34 3.15 0.00	39.34 3.37 0.00	37.57 3.46 -1.09	38.83 3.65 -1.42	41.11 3.97 0.00	40.44 3.95 -0.08	48.62 4.39 0.00	45.55 3.84 0.00	50.30 3.87 0.00	43.41 3.41 0.00	42.22 3.48 0.00	47.73 3.70 0.00	48.77 3.71 0.00	60.96 3.55 -16.39	50.60 3.63 -0.67	37.06 3.02 -0.01	25.64 2.12 0.00

FPL FAR_ROCK_GT2 23815	34.71 3.05 -0.22	30.18 2.46 0.00	28.87 2.21 0.00	26.71 2.01 0.00	27.57 2.06 0.00	29.46 2.32 -0.60	35.48 2.64 -5.91	36.34 3.15 0.00	39.34 3.37 0.00	37.57 3.46 -1.09	38.83 3.65 -1.42	41.11 3.97 0.00	40.44 3.95 -0.08	48.62 4.39 0.00	45.55 3.84 0.00	50.30 3.87 0.00	43.41 3.41 0.00	42.22 3.48 0.00	47.73 3.70 0.00	48.77 3.71 0.00	60.96 3.55 -16.39	50.60 3.63 -0.67	37.06 3.02 -0.01	25.64 2.12 0.00
FRANKLIN_FALL_HYD 24054	31.94 0.50 0.00	28.13 0.42 0.00	27.04 0.38 0.00	25.04 0.35 0.00	25.79 0.28 0.00	26.71 0.18 0.00	27.12 0.19 0.00	33.41 0.22 0.00	36.09 0.13 0.00	32.99 -0.04 0.00	33.63 -0.12 0.00	36.94 -0.20 0.00	36.10 -0.31 0.00	43.76 -0.47 0.00	41.04 -0.67 0.00	45.96 -0.47 0.00	39.36 -0.63 0.00	38.35 -0.39 0.00	43.82 -0.21 0.00	45.04 -0.02 0.00	41.15 0.14 0.00	46.95 0.65 0.00	34.56 0.52 0.00	23.86 0.34 0.00
FREEPORT_EQUS_GT1 23764	34.42 2.77 -0.22	29.92 2.21 0.00	28.62 1.97 0.00	26.50 1.81 0.00	27.34 1.83 0.00	29.23 2.10 -0.60	35.27 2.43 -5.91	36.07 2.88 0.00	38.98 3.03 0.00	37.28 3.17 -1.09	38.48 3.31 -1.42	40.70 3.57 0.00	40.05 3.56 -0.08	48.11 3.89 0.00	45.21 3.51 0.00	49.91 3.48 0.00	43.07 3.08 0.00	41.95 3.21 0.00	47.42 3.40 0.00	48.46 3.40 0.00	60.87 3.46 -16.39	50.18 3.21 -0.67	36.62 2.58 0.00	25.38 1.85 0.00
FREEPORT___CT2 23818	34.42 2.77 -0.22	29.92 2.21 0.00	28.62 1.97 0.00	26.50 1.81 0.00	27.34 1.83 0.00	29.23 2.10 -0.60	35.27 2.43 -5.91	36.07 2.88 0.00	38.98 3.03 0.00	37.28 3.17 -1.09	38.48 3.31 -1.42	40.70 3.57 0.00	40.05 3.56 -0.08	48.11 3.89 0.00	45.21 3.51 0.00	49.91 3.48 0.00	43.07 3.08 0.00	41.95 3.21 0.00	47.42 3.40 0.00	48.46 3.40 0.00	60.87 3.46 -16.39	50.18 3.21 -0.67	36.62 2.58 0.00	25.38 1.85 0.00
FRESHKLS_33_KV_LOAD 356253	37.16 2.21 -3.51	29.71 1.84 -0.15	28.41 1.75 -0.01	26.24 1.54 0.00	27.15 1.64 0.00	28.37 1.84 0.00	29.04 2.11 0.00	35.59 2.40 0.00	38.66 2.70 0.00	35.84 2.81 0.00	36.63 2.88 0.00	40.06 2.92 0.00	39.36 2.94 0.00	47.77 3.54 0.00	44.89 3.19 0.00	49.74 3.32 0.00	42.92 2.93 0.00	41.57 2.83 0.00	47.05 3.02 0.00	48.12 3.06 0.00	60.34 2.95 -16.37	50.07 3.09 -0.67	36.44 2.40 0.00	35.32 1.73 -10.07
FULTON COGEN____ 23766	30.82 -0.62 0.00	27.22 -0.50 0.00	26.16 -0.50 0.00	24.24 -0.46 0.00	25.05 -0.46 0.00	26.07 -0.46 0.00	26.44 -0.49 0.00	32.15 -1.04 0.00	34.72 -1.24 0.00	31.91 -1.11 0.00	32.67 -1.08 0.00	35.98 -1.15 0.00	35.41 -1.00 0.00	43.07 -1.16 0.00	40.84 -0.86 0.00	45.62 -0.81 0.00	39.41 -0.59 0.00	38.18 -0.56 0.00	43.29 -0.74 0.00	44.22 -0.84 0.00	40.12 -0.90 0.00	45.26 -1.04 0.00	33.18 -0.86 0.00	22.78 -0.74 0.00
FULTON___LFGE 323630	34.76 3.32 0.00	30.47 2.75 0.00	29.24 2.58 0.00	27.06 2.36 0.00	27.97 2.46 0.00	29.18 2.65 0.00	29.80 2.86 0.00	35.92 2.73 0.00	38.38 2.42 0.00	34.41 1.39 0.00	35.10 1.35 0.00	37.62 0.48 0.00	36.80 0.39 0.00	45.19 0.96 0.00	43.06 1.36 0.00	49.30 2.87 0.00	43.72 3.73 0.00	42.90 4.16 0.00	49.42 5.40 0.00	50.67 5.62 0.00	84.86 5.07 -38.77	58.51 5.65 -6.56	37.87 3.83 0.00	25.93 2.41 0.00
G.F.CEMENT___DRP 24184	33.99 2.55 0.00	29.86 2.15 0.00	28.71 2.05 0.00	26.59 1.90 0.00	27.49 1.98 0.00	28.60 2.07 0.00	29.03 2.09 0.00	35.88 2.69 0.00	38.90 2.93 0.00	35.43 2.40 0.00	35.98 2.23 0.00	39.65 2.52 0.00	38.97 2.56 0.00	47.59 3.36 0.00	45.24 3.54 0.00	50.52 4.10 0.00	43.58 3.58 0.00	42.41 3.67 0.00	49.00 4.97 0.00	49.77 4.71 0.00	87.50 4.63 -41.85	58.02 4.87 -6.85	37.00 2.96 0.00	25.30 1.78 0.00
GARDENVILLE___LBMP 24039	30.45 -0.99 0.00	26.70 -1.01 0.00	25.72 -0.94 0.00	23.84 -0.86 0.00	24.63 -0.88 0.00	25.46 -1.07 0.00	25.76 -1.18 0.00	32.14 -1.05 0.00	34.92 -1.04 0.00	32.31 -0.72 0.00	33.13 -0.62 0.00	36.47 -0.66 0.00	36.02 -0.39 0.00	43.80 -0.42 0.00	41.95 0.24 0.00	47.06 0.63 0.00	40.59 0.59 0.00	39.07 0.33 0.00	43.92 -0.11 0.00	44.61 -0.45 0.00	40.03 -0.99 0.00	45.83 -0.47 0.00	33.84 -0.19 0.00	23.11 -0.41 0.00
GARDNVLA_35_KV_LD 355827	30.57 -0.87 0.00	26.81 -0.91 0.00	25.81 -0.85 0.00	23.92 -0.77 0.00	24.71 -0.80 0.00	25.54 -0.99 0.00	25.83 -1.11 0.00	32.24 -0.96 0.00	35.03 -0.93 0.00	32.43 -0.60 0.00	33.29 -0.46 0.00	36.64 -0.49 0.00	36.21 -0.20 0.00	44.06 -0.17 0.00	42.21 0.50 0.00	47.37 0.93 0.00	40.85 0.86 0.00	39.32 0.58 0.00	44.20 0.17 0.00	44.88 -0.18 0.00	40.26 -0.76 0.00	46.08 -0.23 0.00	34.00 -0.04 0.00	23.20 -0.32 0.00
GELCKHM___115KV_LOAD 80723	31.03 -0.42 0.00	27.39 -0.33 0.00	26.32 -0.34 0.00	24.37 -0.32 0.00	25.21 -0.30 0.00	26.24 -0.29 0.00	26.60 -0.34 0.00	32.42 -0.77 0.00	35.03 -0.93 0.00	32.22 -0.81 0.00	33.00 -0.75 0.00	36.40 -0.73 0.00	35.83 -0.59 0.00	43.59 -0.63 0.00	41.33 -0.37 0.00	46.12 -0.31 0.00	39.84 -0.16 0.00	38.52 -0.22 0.00	43.65 -0.38 0.00	44.56 -0.50 0.00	40.39 -0.63 0.00	45.59 -0.70 0.00	33.44 -0.60 0.00	22.97 -0.55 0.00
GENERAL___MILLS 23808	30.51 -0.93 0.00	26.76 -0.96 0.00	25.77 -0.89 0.00	23.88 -0.81 0.00	24.67 -0.84 0.00	25.50 -1.03 0.00	25.79 -1.14 0.00	32.18 -1.01 0.00	34.97 -0.99 0.00	32.36 -0.67 0.00	33.20 -0.55 0.00	36.54 -0.60 0.00	36.10 -0.31 0.00	43.91 -0.33 0.00	42.06 0.35 0.00	47.19 0.75 0.00	40.69 0.69 0.00	39.19 0.44 0.00	44.03 0.00 0.00	44.72 -0.34 0.00	40.14 -0.89 0.00	45.95 -0.36 0.00	33.92 -0.12 0.00	23.15 -0.37 0.00
GE_PLASTICS___DRP 24183	32.13 0.69 0.00	28.27 0.55 0.00	27.21 0.55 0.00	25.22 0.52 0.00	26.05 0.54 0.00	27.10 0.57 0.00	27.51 0.58 0.00	33.76 0.57 0.00	36.53 0.57 0.00	33.51 0.48 0.00	34.24 0.49 0.00	37.73 0.60 0.00	37.06 0.65 0.00	45.15 0.92 0.00	42.64 0.94 0.00	47.34 0.91 0.00	40.80 0.80 0.00	39.53 0.79 0.00	45.06 1.03 0.00	46.17 1.11 0.00	63.55 1.13 -21.41	50.41 1.09 -3.02	34.68 0.64 0.00	23.97 0.45 0.00
GILBOA___1 23756	32.30 0.86 0.00	28.40 0.69 0.00	27.30 0.64 0.00	25.36 0.67 0.00	26.20 0.69 0.00	27.27 0.74 0.00	27.66 0.72 0.00	33.98 0.79 0.00	36.81 0.85 0.00	33.83 0.80 0.00	34.61 0.86 0.00	38.10 0.96 0.00	37.40 0.99 0.00	45.48 1.25 0.00	42.92 1.21 0.00	47.59 1.16 0.00	41.00 1.00 0.00	39.64 0.90 0.00	45.09 1.07 0.00	46.20 1.14 0.00	47.20 1.14 -5.04	47.86 1.16 -0.41	34.81 0.77 0.00	24.05 0.53 0.00
GILBOA___2 23757	32.30 0.86 0.00	28.40 0.69 0.00	27.30 0.64 0.00	25.36 0.67 0.00	26.20 0.69 0.00	27.27 0.74 0.00	27.66 0.72 0.00	33.98 0.79 0.00	36.81 0.85 0.00	33.83 0.80 0.00	34.61 0.86 0.00	38.10 0.96 0.00	37.40 0.99 0.00	45.48 1.25 0.00	42.92 1.21 0.00	47.59 1.16 0.00	41.00 1.00 0.00	39.64 0.90 0.00	45.09 1.07 0.00	46.20 1.14 0.00	47.20 1.14 -5.04	47.86 1.16 -0.41	34.81 0.77 0.00	24.05 0.53 0.00

GILBOA___3 23758	32.30 0.86 0.00	28.40 0.69 0.00	27.30 0.64 0.00	25.36 0.67 0.00	26.20 0.69 0.00	27.27 0.74 0.00	27.66 0.72 0.00	33.98 0.79 0.00	36.81 0.85 0.00	33.83 0.80 0.00	34.61 0.86 0.00	38.10 0.96 0.00	37.40 0.99 0.00	45.48 1.25 0.00	42.92 1.21 0.00	47.59 1.16 0.00	41.00 1.00 0.00	39.64 0.90 0.00	45.09 1.07 0.00	46.20 1.14 0.00	47.20 1.14 -5.04	47.86 1.16 -0.41	34.81 0.77 0.00	24.05 0.53 0.00
GILBOA___4 23759	32.30 0.86 0.00	28.40 0.69 0.00	27.30 0.64 0.00	25.36 0.67 0.00	26.20 0.69 0.00	27.27 0.74 0.00	27.66 0.72 0.00	33.98 0.79 0.00	36.81 0.85 0.00	33.83 0.80 0.00	34.61 0.86 0.00	38.10 0.96 0.00	37.40 0.99 0.00	45.48 1.25 0.00	42.92 1.21 0.00	47.59 1.16 0.00	41.00 1.00 0.00	39.64 0.90 0.00	45.09 1.07 0.00	46.20 1.14 0.00	47.20 1.14 -5.04	47.86 1.16 -0.41	34.81 0.77 0.00	24.05 0.53 0.00
GILBOA___ 23599	32.30 0.86 0.00	28.41 0.69 0.00	27.30 0.64 0.00	25.36 0.67 0.00	26.20 0.69 0.00	27.27 0.74 0.00	27.66 0.72 0.00	33.98 0.79 0.00	36.81 0.85 0.00	33.83 0.80 0.00	34.61 0.86 0.00	38.10 0.96 0.00	37.41 1.00 0.00	45.48 1.25 0.00	42.91 1.21 0.00	47.59 1.16 0.00	41.00 1.00 0.00	39.64 0.90 0.00	45.09 1.07 0.00	46.20 1.14 0.00	47.21 1.15 -5.04	47.86 1.16 -0.41	34.81 0.77 0.00	24.05 0.53 0.00
GINNA___ 23603	29.76 -1.68 0.00	26.17 -1.55 0.00	25.16 -1.49 0.00	23.29 -1.40 0.00	24.07 -1.44 0.00	24.99 -1.54 0.00	25.31 -1.63 0.00	31.11 -2.07 0.00	33.67 -2.29 0.00	31.12 -1.90 0.00	31.98 -1.77 0.00	35.24 -1.90 0.00	34.84 -1.57 0.00	42.44 -1.79 0.00	40.48 -1.23 0.00	45.38 -1.05 0.00	39.21 -0.78 0.00	37.86 -0.88 0.00	42.74 -1.28 0.00	43.45 -1.61 0.00	39.22 -1.80 0.00	44.48 -1.82 0.00	32.64 -1.40 0.00	22.32 -1.20 0.00
GLEN PARK___ 23778	31.62 0.18 0.00	27.84 0.12 0.00	26.66 0.00 0.00	24.70 0.00 0.00	25.54 0.03 0.00	26.63 0.10 0.00	26.97 0.04 0.00	32.85 -0.34 0.00	35.64 -0.31 0.00	32.83 -0.19 0.00	33.63 -0.11 0.00	36.99 -0.14 0.00	36.38 -0.04 0.00	44.24 0.01 0.00	42.09 0.39 0.00	46.81 0.38 0.00	40.70 0.70 0.00	39.56 0.82 0.00	45.23 1.20 0.00	46.45 1.39 0.00	42.38 1.36 0.00	47.77 1.47 0.00	34.82 0.78 0.00	23.64 0.12 0.00
GLENDALE_27_KV_LOAD 356172	34.55 2.51 -0.61	29.80 2.06 -0.02	28.54 1.89 0.00	26.37 1.67 0.00	27.28 1.76 0.00	28.51 1.98 0.00	29.24 2.30 0.00	35.96 2.77 0.00	39.03 3.07 0.00	36.06 3.03 0.00	36.93 3.18 0.00	40.56 3.43 0.00	39.83 3.42 0.00	48.27 4.04 0.00	45.33 3.63 0.00	50.15 3.72 0.00	43.22 3.23 0.00	41.87 3.12 0.00	47.36 3.33 0.00	48.41 3.35 0.00	60.56 3.17 -16.37	50.33 3.36 -0.67	36.63 2.59 0.00	27.13 1.87 -1.74
GLENWOOD_IC_1_G5 23712	34.37 2.72 -0.22	29.90 2.18 0.00	28.60 1.94 0.00	26.47 1.77 0.00	27.32 1.81 0.00	29.20 2.07 -0.60	35.23 2.39 -5.91	36.06 2.87 0.00	39.00 3.04 0.00	37.27 3.17 -1.08	38.51 3.34 -1.42	40.78 3.65 0.00	40.14 3.65 -0.07	48.20 3.97 0.00	45.17 3.46 0.00	49.86 3.43 0.00	43.04 3.05 0.00	42.12 3.38 0.00	47.49 3.46 0.00	48.29 3.24 0.00	60.84 3.44 -16.39	49.95 2.98 -0.67	36.37 2.33 0.00	25.36 1.84 0.00
GLENWOOD_IC_2_G1 23688	34.28 2.62 -0.22	29.81 2.10 0.00	28.52 1.86 0.00	26.40 1.71 0.00	27.25 1.74 0.00	29.13 2.00 -0.60	35.15 2.31 -5.91	35.93 2.74 0.00	38.88 2.92 0.00	37.14 3.04 -1.09	38.37 3.19 -1.42	40.61 3.47 0.00	39.95 3.46 -0.08	48.12 3.89 0.00	45.19 3.49 0.00	49.90 3.47 0.00	43.06 3.06 0.00	41.94 3.20 0.00	47.37 3.34 0.00	48.34 3.28 0.00	60.67 3.27 -16.39	50.00 3.02 -0.67	36.43 2.39 0.00	25.29 1.76 0.00
GLENWOOD_IC_3_G1 23689	34.28 2.62 -0.22	29.81 2.10 0.00	28.52 1.86 0.00	26.40 1.71 0.00	27.25 1.74 0.00	29.13 2.00 -0.60	35.15 2.31 -5.91	35.93 2.74 0.00	38.88 2.92 0.00	37.14 3.04 -1.09	38.37 3.19 -1.42	40.61 3.47 0.00	39.95 3.46 -0.08	48.12 3.89 0.00	45.19 3.49 0.00	49.90 3.47 0.00	43.06 3.06 0.00	41.94 3.20 0.00	47.37 3.34 0.00	48.34 3.28 0.00	60.67 3.27 -16.39	50.00 3.02 -0.67	36.43 2.39 0.00	25.29 1.76 0.00
GLENWOOD___4 23550	34.37 2.72 -0.22	29.90 2.18 0.00	28.60 1.94 0.00	26.47 1.77 0.00	27.32 1.81 0.00	29.20 2.07 -0.60	35.23 2.39 -5.91	36.06 2.87 0.00	39.00 3.04 0.00	37.27 3.17 -1.08	38.51 3.34 -1.42	40.78 3.65 0.00	40.14 3.65 -0.07	48.26 4.03 0.00	45.27 3.57 0.00	49.97 3.54 0.00	43.12 3.13 0.00	42.12 3.38 0.00	47.52 3.50 0.00	48.41 3.35 0.00	60.84 3.44 -16.39	50.04 3.07 -0.67	36.45 2.41 0.00	25.36 1.84 0.00
GLENWOOD___5 23614	34.37 2.72 -0.22	29.90 2.18 0.00	28.60 1.94 0.00	26.47 1.77 0.00	27.32 1.81 0.00	29.20 2.07 -0.60	35.23 2.39 -5.91	36.06 2.87 0.00	39.00 3.04 0.00	37.27 3.17 -1.08	38.51 3.34 -1.42	40.78 3.65 0.00	40.14 3.65 -0.07	48.26 4.03 0.00	45.27 3.57 0.00	49.97 3.54 0.00	43.12 3.13 0.00	42.12 3.38 0.00	47.52 3.50 0.00	48.41 3.35 0.00	60.84 3.44 -16.39	50.04 3.07 -0.67	36.45 2.41 0.00	25.36 1.84 0.00
GLOBAL GREEN_PORT_GT1 23814	34.86 3.20 -0.22	30.26 2.54 0.00	28.92 2.26 0.00	26.92 2.23 0.00	27.95 2.44 0.00	30.10 2.97 -0.60	36.24 3.40 -5.91	37.37 4.19 0.00	40.55 4.58 0.00	38.95 4.84 -1.09	40.12 4.95 -1.42	42.53 5.40 0.00	41.61 5.12 -0.08	49.22 4.99 0.00	45.90 4.20 0.00	50.93 4.51 0.00	44.16 4.17 0.00	43.01 4.27 0.00	48.28 4.26 0.00	49.89 4.84 0.00	62.26 4.85 -16.39	51.19 4.21 -0.67	37.07 3.03 0.00	25.92 2.40 0.00
GLOBE___DSASP 323697	29.49 -1.95 0.00	25.88 -1.84 0.00	24.96 -1.69 0.00	23.12 -1.57 0.00	23.89 -1.62 0.00	24.60 -1.93 0.00	24.78 -2.16 0.00	30.56 -2.63 0.00	33.16 -2.80 0.00	30.72 -2.30 0.00	31.54 -2.21 0.00	34.66 -2.47 0.00	34.18 -2.23 0.00	41.39 -2.83 0.01	39.58 -2.10 0.02	44.38 -2.02 0.02	38.31 -1.66 0.02	36.91 -1.81 0.02	41.49 -2.52 0.02	42.10 -2.93 0.02	37.83 -3.17 0.02	43.31 -2.97 0.02	32.04 -1.99 0.00	21.90 -1.60 0.01
GOETHSLN___LBMP 323567	33.60 2.16 0.00	29.45 1.74 0.00	28.21 1.55 0.00	26.05 1.36 0.00	26.94 1.43 0.00	28.15 1.62 0.00	28.87 1.93 0.00	35.49 2.31 0.00	38.52 2.56 0.00	35.57 2.54 0.00	36.42 2.67 0.00	39.99 2.86 0.00	39.26 2.85 0.00	47.62 3.39 0.00	44.78 3.08 0.00	49.52 3.09 0.00	42.68 2.69 0.00	41.35 2.60 0.00	46.75 2.73 0.00	47.82 2.76 0.00	60.01 2.63 -16.37	49.68 2.71 -0.67	36.13 2.09 0.00	25.06 1.54 0.00
GOLAH___69_KV_TB 1_2 80279	31.12 -0.32 0.00	27.33 -0.38 0.00	26.30 -0.36 0.00	24.34 -0.36 0.00	25.16 -0.35 0.00	26.07 -0.46 0.00	26.39 -0.54 0.00	32.54 -0.65 0.00	35.22 -0.74 0.00	32.51 -0.52 0.00	33.39 -0.36 0.00	36.77 -0.37 0.00	36.31 -0.10 0.00	44.26 0.03 0.00	42.27 0.57 0.00	47.42 0.99 0.00	41.02 1.03 0.00	39.59 0.85 0.00	44.78 0.75 0.00	45.43 0.38 0.00	40.94 -0.07 0.00	46.57 0.27 0.00	34.26 0.22 0.00	23.41 -0.11 0.00

GOODYEAR_LAKE_HYD 323669	32.67 1.23 0.00	28.70 0.99 0.00	27.55 0.89 0.00	25.53 0.84 0.00	26.39 0.88 0.00	27.50 0.97 0.00	28.05 1.12 0.00	34.56 1.37 0.00	37.50 1.54 0.00	34.51 1.48 0.00	35.33 1.58 0.00	38.85 1.72 0.00	38.02 1.61 0.00	46.17 1.94 0.00	43.67 1.97 0.00	48.65 2.22 0.00	41.91 1.92 0.00	40.50 1.76 0.00	45.91 1.88 0.00	46.95 1.89 0.00	53.24 1.56 -10.65	49.95 1.70 -1.96	35.26 1.22 0.00	24.30 0.78 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.45 0.01 0.00	27.66 -0.06 0.00	26.57 -0.09 0.00	24.67 -0.02 0.00	25.51 0.00 0.00	26.57 0.04 0.00	27.03 0.10 0.00	33.20 0.01 0.00	35.98 0.02 0.00	33.05 0.02 0.00	33.80 0.05 0.00	37.26 0.12 0.00	36.70 0.28 0.00	44.63 0.40 0.00	42.33 0.63 0.00	47.09 0.66 0.00	40.63 0.64 0.00	39.18 0.44 0.00	44.36 0.33 0.00	45.36 0.30 0.00	40.93 -0.01 0.07	46.74 0.19 -0.26	34.17 0.13 0.00	23.45 -0.07 0.00
GOUDEY___7 23579	31.48 0.04 0.00	27.68 -0.03 0.00	26.59 -0.07 0.00	24.70 0.00 0.00	25.53 0.02 0.00	26.59 0.06 0.00	27.06 0.12 0.00	33.23 0.05 0.00	36.02 0.06 0.00	33.08 0.05 0.00	33.84 0.09 0.00	37.29 0.16 0.00	36.75 0.33 0.00	44.70 0.47 0.00	42.38 0.67 0.00	47.15 0.72 0.00	40.69 0.69 0.00	39.23 0.48 0.00	44.41 0.38 0.00	45.41 0.35 0.00	40.97 0.03 0.07	46.79 0.23 -0.26	34.20 0.16 0.00	23.47 -0.05 0.00
GOUDEY___8 23580	31.45 0.01 0.00	27.66 -0.06 0.00	26.57 -0.09 0.00	24.67 -0.02 0.00	25.51 0.00 0.00	26.57 0.04 0.00	27.03 0.10 0.00	33.20 0.01 0.00	35.98 0.02 0.00	33.05 0.02 0.00	33.80 0.05 0.00	37.26 0.12 0.00	36.70 0.28 0.00	44.63 0.40 0.00	42.33 0.63 0.00	47.09 0.66 0.00	40.63 0.64 0.00	39.18 0.44 0.00	44.36 0.33 0.00	45.36 0.30 0.00	40.93 -0.01 0.07	46.74 0.19 -0.26	34.17 0.13 0.00	23.45 -0.07 0.00
GOWANUS_GT1_1 24077	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
GOWANUS_GT1_2 24078	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
GOWANUS_GT1_3 24079	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
GOWANUS_GT1_4 24080	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
GOWANUS_GT1_5 24084	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
GOWANUS_GT1_6 24111	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
GOWANUS_GT1_7 24112	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
GOWANUS_GT1_8 24113	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
GOWANUS_GT2_1 24114	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
GOWANUS_GT2_2 24115	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
GOWANUS_GT2_3 24116	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08

GOWANUS_GT2_4 24117	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
GOWANUS_GT2_5 24118	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
GOWANUS_GT2_6 24119	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
GOWANUS_GT2_7 24120	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
GOWANUS_GT2_8 24121	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
GOWANUS_GT3_1 24122	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
GOWANUS_GT3_2 24123	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
GOWANUS_GT3_3 24124	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	3																

GOWANUS_GT4_3 24132	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
GOWANUS_GT4_4 24133	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
GOWANUS_GT4_5 24134	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
GOWANUS_GT4_6 24135	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
GOWANUS_GT4_7 24136	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
GOWANUS_GT4_8 24137	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
GREENBSH_115KV_TB3 55895	32.02 0.58 0.00	28.18 0.46 0.00	27.14 0.48 0.00	25.14 0.45 0.00	25.98 0.47 0.00	27.02 0.49 0.00	27.41 0.48 0.00	33.64 0.45 0.00	36.39 0.43 0.00	33.35 0.33 0.00	34.11 0.36 0.00	37.58 0.45 0.00	36.93 0.52 0.00	45.02 0.79 0.00	42.55 0.85 0.00	47.21 0.78 0.00	40.67 0.68 0.00	39.43 0.68 0.00	44.96 0.93 0.00	46.08 1.02 0.00	67.77 1.06 -25.69	51.10 1.00 -3.80	34.57 0.53 0.00	23.89 0.37 0.00
GREENIDGE_115KV_TB5 80291	31.16 -0.28 0.00	27.46 -0.26 0.00	26.41 -0.25 0.00	24.48 -0.22 0.00	25.32 -0.19 0.00	26.34 -0.19 0.00	26.76 -0.17 0.00	32.74 -0.45 0.00	35.48 -0.48 0.00	32.57 -0.46 0.00	33.31 -0.45 0.00	36.66 -0.47 0.00	36.21 -0.20 0.00	44.16 -0.07 0.00	42.16 0.46 0.00	47.22 0.79 0.00	40.88 0.88 0.00	39.45 0.71 0.00	44.66 0.63 0.00	45.55 0.49 0.00	40.99 -0.03 0.00	46.53 0.23 0.00	34.15 0.11 0.00	23.40 -0.12 0.00
GREENIDGE___3 23582	31.16 -0.28 0.00	27.46 -0.26 0.00	26.41 -0.25 0.00	24.48 -0.22 0.00	25.32 -0.19 0.00	26.34 -0.19 0.00	26.76 -0.17 0.00	32.74 -0.45 0.00	35.48 -0.48 0.00	32.57 -0.46 0.00	33.31 -0.45 0.00	36.66 -0.47 0.00	36.21 -0.20 0.00	44.16 -0.07 0.00	42.16 0.46 0.00	47.22 0.79 0.00	40.88 0.88 0.00	39.45 0.71 0.00	44.66 0.63 0.00	45.55 0.49 0.00	40.99 -0.03 0.00	46.53 0.23 0.00	34.15 0.11 0.00	23.40 -0.12 0.00
GREENIDGE___4 23583	31.16 -0.27 0.00	27.46 -0.26 0.00	26.41 -0.25 0.00	24.48 -0.22 0.00	25.32 -0.19 0.00	26.34 -0.19 0.00	26.76 -0.17 0.00	32.74 -0.45 0.00	35.47 -0.49 0.00	32.57 -0.45 0.00	33.31 -0.44 0.00	36.66 -0.48 0.00	36.22 -0.19 0.00	44.16 -0.07 0.00	42.16 0.46 0.00	47.22 0.79 0.00	40.87 0.88 0.00	39.45 0.71 0.00	44.66 0.63 0.00	45.54 0.48 0.00	40.98 -0.04 0.00	46.53 0.23 0.00	34.15 0.11 0.00	23.40 -0.12 0.00
GREENLWN_69_KV_BK 3 55738	34.13 2.48 -0.22	29.70 1.98 0.00	28.41 1.76 0.00	26.34 1.65 0.00	27.17 1.66 0.00	29.07 1.94 -0.60	35.09 2.25 -5.91	35.74 2.55 0.00	38.40 2.44 0.00	36.83 2.73 -1.08	38.00 2.82 -1.42	40.10 2.97 0.00	39.50 3.01 -0.07	47.50 3.28 0.00	44.56 2.86 0.00	49.21 2.78 0.00	42.48 2.49 0.00	41.38 2.64 0.00	46.81 2.78 0.00	47.80 2.75 0.00	60.14 2.73 -16.39	49.31 2.33 -0.67	35.95 1.91 0.00	25.02 1.50 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07
GRISSOM___SOLAR 323813	34.76 3.32 0.00	30.47 2.75 0.00	29.24 2.58 0.00	27.06 2.36 0.00	27.97 2.46 0.00	29.18 2.65 0.00	29.80 2.86 0.00	35.92 2.73 0.00	38.38 2.42 0.00	34.41 1.39 0.00	35.10 1.35 0.00	37.62 0.48 0.00	36.80 0.39 0.00	45.19 0.96 0.00	43.06 1.36 0.00	49.30 2.87 0.00	43.72 3.73 0.00	42.90 4.16 0.00	49.42 5.40 0.00	50.67 5.62 0.00	84.86 5.07 -38.77	58.51 5.65 -6.56	37.87 3.83 0.00	25.93 2.41 0.00
GROVEVILLE___HYD 323602	33.61 2.17 0.00	29.45 1.74 0.00	28.21 1.55 0.00	26.09 1.40 0.00	26.97 1.46 0.00	28.12 1.59 0.00	28.77 1.84 0.00	35.42 2.23 0.00	38.48 2.52 0.00	35.50 2.47 0.00	36.39 2.64 0.00	40.07 2.94 0.00	39.35 2.94 0.00	47.81 3.58 0.00	45.11 3.40 0.00	49.99 3.56 0.00	43.09 3.10 0.00	41.68 2.94 0.00	47.21 3.18 0.00	48.30 3.24 0.00	60.27 3.03 -16.23	50.17 3.16 -0.71	36.29 2.25 0.00	25.08 1.56 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.24 -0.20 0.00	27.58 -0.14 0.00	26.49 -0.17 0.00	24.54 -0.16 0.00	25.39 -0.12 0.00	26.42 -0.11 0.00	26.78 -0.16 0.00	32.64 -0.55 0.00	35.27 -0.69 0.00	32.44 -0.59 0.00	33.21 -0.55 0.00	36.65 -0.48 0.00	36.07 -0.34 0.00	43.90 -0.33 0.00	41.64 -0.06 0.00	46.45 0.02 0.00	40.13 0.14 0.00	38.82 0.08 0.00	43.99 -0.03 0.00	44.91 -0.15 0.00	40.67 -0.34 0.00	45.91 -0.39 0.00	33.68 -0.36 0.00	23.12 -0.39 0.00

HAMLTNNY_34_KV_TB 80303	31.29 -0.15 0.00	27.63 -0.09 0.00	26.56 -0.10 0.00	24.60 -0.10 0.00	25.44 -0.07 0.00	26.48 -0.05 0.00	26.84 -0.09 0.00	32.74 -0.45 0.00	35.41 -0.55 0.00	32.53 -0.49 0.00	33.28 -0.47 0.00	36.75 -0.39 0.00	36.20 -0.21 0.00	44.05 -0.18 0.00	41.81 0.11 0.00	46.66 0.23 0.00	40.29 0.29 0.00	38.96 0.22 0.00	44.16 0.13 0.00	45.08 0.02 0.00	40.78 -0.24 0.00	46.06 -0.24 0.00	33.79 -0.25 0.00	23.19 -0.33 0.00
HAMPSHIRE___PAPER_HYD 323593	30.90 -0.54 0.00	27.21 -0.50 0.00	26.15 -0.51 0.00	24.22 -0.47 0.00	25.00 -0.51 0.00	26.00 -0.53 0.00	26.38 -0.56 0.00	32.36 -0.83 0.00	34.96 -1.00 0.00	32.10 -0.93 0.00	32.80 -0.95 0.00	36.12 -1.02 0.00	35.37 -1.04 0.00	43.06 -1.17 0.00	40.74 -0.97 0.00	45.42 -1.00 0.00	39.16 -0.83 0.00	38.17 -0.57 0.00	43.57 -0.46 0.00	44.72 -0.34 0.00	40.74 -0.28 0.00	46.14 -0.16 0.00	33.77 -0.27 0.00	23.09 -0.43 0.00
HARDSCRABBLE_WT_PWR 323673	32.03 0.59 0.00	28.16 0.44 0.00	27.08 0.42 0.00	25.09 0.40 0.00	25.93 0.42 0.00	27.04 0.50 0.00	27.41 0.48 0.00	33.53 0.34 0.00	36.09 0.13 0.00	32.94 -0.08 0.00	33.65 -0.10 0.00	37.16 0.02 0.00	36.62 0.21 0.00	44.70 0.47 0.00	42.49 0.78 0.00	47.40 0.97 0.00	40.94 0.95 0.00	39.61 0.87 0.00	45.28 1.25 0.00	46.56 1.50 0.00	42.36 1.35 0.00	47.47 1.17 0.00	34.75 0.71 0.00	23.97 0.45 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.38 1.94 0.00	29.27 1.55 0.00	28.04 1.38 0.00	25.92 1.22 0.00	26.80 1.29 0.00	27.97 1.44 0.00	28.62 1.69 0.00	35.22 2.03 0.00	38.29 2.33 0.00	35.33 2.31 0.00	36.23 2.48 0.00	39.88 2.74 0.00	39.11 2.70 0.00	47.45 3.22 0.00	44.74 3.03 0.00	49.57 3.14 0.00	42.66 2.67 0.00	41.32 2.58 0.00	46.77 2.74 0.00	47.86 2.80 0.00	62.43 2.65 -18.76	49.85 2.91 -0.64	36.15 2.11 0.00	24.98 1.46 0.00
HARSNRAD_115KV_TB1 81005	30.14 -1.30 0.00	26.43 -1.29 0.00	25.48 -1.18 0.00	23.61 -1.09 0.00	24.38 -1.13 0.00	25.14 -1.39 0.00	25.37 -1.57 0.00	31.48 -1.71 0.00	34.15 -1.81 0.00	31.61 -1.42 0.00	32.44 -1.31 0.00	35.65 -1.48 0.00	35.19 -1.22 0.00	42.81 -1.43 0.00	41.06 -0.65 0.00	46.06 -0.38 0.00	39.78 -0.22 0.00	38.34 -0.40 0.00	43.09 -0.94 0.00	43.71 -1.35 0.00	39.30 -1.72 0.00	45.03 -1.28 0.00	33.29 -0.75 0.00	22.80 -0.72 0.00
HARZA MOOSE___RIVER 24016	31.90 0.46 0.00	28.07 0.35 0.00	26.95 0.29 0.00	24.96 0.27 0.00	25.81 0.30 0.00	26.89 0.36 0.00	27.31 0.38 0.00	33.42 0.23 0.00	36.19 0.23 0.00	33.27 0.24 0.00	33.98 0.23 0.00	37.44 0.31 0.00	36.83 0.41 0.00	44.86 0.63 0.00	42.49 0.79 0.00	47.38 0.95 0.00	41.07 1.08 0.00	39.84 1.10 0.00	45.41 1.39 0.00	46.55 1.49 0.00	42.33 1.31 0.00	47.75 1.45 0.00	34.90 0.86 0.00	23.85 0.33 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.04 -0.40 0.00	27.39 -0.32 0.00	26.33 -0.33 0.00	24.39 -0.30 0.00	25.21 -0.30 0.00	26.24 -0.29 0.00	26.62 -0.32 0.00	32.46 -0.73 0.00	35.08 -0.88 0.00	32.27 -0.75 0.00	33.08 -0.68 0.00	36.46 -0.67 0.00	35.87 -0.54 0.00	43.65 -0.58 0.00	41.39 -0.31 0.00	46.18 -0.25 0.00	39.90 -0.10 0.00	38.55 -0.19 0.00	43.69 -0.34 0.00	44.57 -0.49 0.00	40.42 -0.60 0.00	45.62 -0.68 0.00	33.46 -0.58 0.00	22.97 -0.55 0.00
HELLGATE_13_KV_LD 55870	34.33 2.29 -0.60	29.63 1.89 -0.02	28.39 1.73 0.00	26.22 1.53 0.00	27.14 1.63 0.00	28.36 1.83 0.00	29.06 2.13 0.00	35.73 2.54 0.00	38.77 2.81 0.00	35.82 2.79 0.00	36.67 2.92 0.00	40.27 3.14 0.00	39.54 3.13 0.00	47.92 3.69 0.00	44.99 3.29 0.00	49.75 3.33 0.00	42.88 2.89 0.00	41.54 2.80 0.00	47.01 2.99 0.00	48.06 3.00 0.00	60.26 2.87 -16.37	49.97 3.00 -0.67	36.38 2.34 0.00	26.96 1.71 -1.73
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.33 2.29 -0.60	29.63 1.89 -0.02	28.39 1.73 0.00	26.22 1.53 0.00	27.14 1.63 0.00	28.36 1.83 0.00	29.06 2.13 0.00	35.73 2.54 0.00	38.77 2.81 0.00	35.82 2.79 0.00	36.67 2.92 0.00	40.27 3.14 0.00	39.54 3.13 0.00	47.92 3.69 0.00	44.99 3.29 0.00	49.75 3.33 0.00	42.88 2.89 0.00	41.54 2.80 0.00	47.01 2.99 0.00	48.06 3.00 0.00	60.26 2.87 -16.37	49.97 3.00 -0.67	36.38 2.34 0.00	26.96 1.71 -1.73
HEMPSTEAD____ 23647	34.19 2.53 -0.22	29.73 2.02 0.00	28.44 1.78 0.00	26.33 1.64 0.00	27.18 1.67 0.00	29.06 1.93 -0.60	35.09 2.25 -5.91	35.86 2.68 0.00	38.77 2.81 0.00	37.06 2.96 -1.09	38.26 3.08 -1.42	40.48 3.34 0.00	39.82 3.34 -0.08	47.93 3.70 0.00	45.00 3.30 0.00	49.68 3.25 0.00	42.87 2.88 0.00	41.78 3.04 0.00	47.19 3.17 0.00	48.17 3.11 0.00	60.55 3.14 -16.39	49.80 2.82 -0.67	36.30 2.26 0.00	25.19 1.67 0.00
HEWLETT_69_KV_BK3 55828	34.52 2.87 -0.22	30.02 2.31 0.00	28.73 2.07 0.00	26.58 1.88 0.00	27.44 1.92 0.00	29.31 2.18 -0.60	35.33 2.49 -5.91	36.14 2.96 0.00	39.11 3.15 0.00	37.36 3.25 -1.08	38.60 3.42 -1.42	40.85 3.72 0.00	40.19 3.71 -0.07	48.39 4.16 0.00	45.38 3.68 0.00	50.12 3.69 0.00	43.25 3.25 0.00	42.06 3.32 0.00	47.55 3.52 0.00	48.59 3.53 0.00	60.80 3.40 -16.39	50.34 3.37 -0.67	36.82 2.79 0.00	25.50 1.98 0.00
HICKLING___1 23621	31.15 -0.29 0.00	27.33 -0.38 0.00	26.26 -0.40 0.00	24.43 -0.26 0.00	25.27 -0.24 0.00	26.31 -0.22 0.00	26.83 -0.11 0.00	33.04 -0.15 0.00	35.88 -0.08 0.00	32.96 -0.07 0.00	33.71 -0.04 0.00	37.15 0.02 0.00	36.69 0.28 0.00	44.58 0.35 0.00	42.37 0.66 0.00	47.40 0.97 0.00	40.91 0.91 0.00	39.33 0.59 0.00	44.31 0.29 0.00	45.26 0.20 0.00	41.69 -0.38 -1.05	46.55 0.06 -0.19	34.15 0.11 0.00	23.36 -0.16 0.00
HICKLING___2 23622	31.15 -0.29 0.00	27.33 -0.38 0.00	26.26 -0.40 0.00	24.43 -0.26 0.00	25.27 -0.24 0.00	26.31 -0.22 0.00	26.83 -0.11 0.00	33.04 -0.15 0.00	35.88 -0.08 0.00	32.96 -0.07 0.00	33.71 -0.04 0.00	37.15 0.02 0.00	36.69 0.28 0.00	44.58 0.35 0.00	42.37 0.66 0.00	47.40 0.97 0.00	40.91 0.91 0.00	39.33 0.59 0.00	44.31 0.29 0.00	45.26 0.20 0.00	41.69 -0.38 -1.05	46.55 0.06 -0.19	34.15 0.11 0.00	23.36 -0.16 0.00
HIGH FALLS___HY 23754	33.47 2.03 0.00	29.31 1.60 0.00	28.03 1.37 0.00	25.92 1.22 0.00	26.79 1.28 0.00	27.95 1.42 0.00	28.63 1.69 0.00	35.28 2.09 0.00	38.38 2.42 0.00	35.46 2.44 0.00	36.37 2.62 0.00	40.04 2.91 0.00	39.27 2.86 0.00	47.48 3.25 0.00	44.70 3.00 0.00	49.58 3.15 0.00	42.76 2.77 0.00	41.34 2.60 0.00	46.75 2.73 0.00	47.82 2.76 0.00	58.69 2.60 -15.07	50.49 3.11 -1.07	36.30 2.26 0.00	25.08 1.56 0.00
HIGH_RIVER___SOLAR 323847	32.85 1.41 0.00	28.89 1.17 0.00	27.76 1.10 0.00	25.71 1.02 0.00	26.58 1.07 0.00	27.67 1.14 0.00	27.91 0.98 0.00	33.91 0.72 0.00	36.36 0.40 0.00	33.10 0.07 0.00	33.60 -0.15 0.00	37.22 0.08 0.00	36.84 0.43 0.00	44.75 0.53 0.00	42.54 0.83 0.00	47.70 1.27 0.00	41.33 1.34 0.00	40.21 1.47 0.00	45.90 1.88 0.00	47.05 1.99 0.00	88.19 1.91 -45.26	55.91 2.03 -7.58	35.38 1.35 0.00	24.40 0.88 0.00

HILLBURN___GT 23639	33.35 1.91 0.00	29.25 1.53 0.00	28.02 1.36 0.00	25.89 1.20 0.00	26.78 1.27 0.00	27.96 1.43 0.00	28.65 1.72 0.00	35.24 2.06 0.00	38.30 2.35 0.00	35.35 2.33 0.00	36.21 2.46 0.00	39.81 2.68 0.00	39.02 2.62 0.00	47.31 3.08 0.00	44.52 2.82 0.00	49.27 2.84 0.00	42.46 2.46 0.00	41.15 2.41 0.00	46.55 2.52 0.00	47.63 2.57 0.00	64.46 2.44 -21.00	49.40 2.45 -0.64	35.85 1.81 0.00	24.81 1.29 0.00
HILLSIDE_115KV_TB1 80332	30.69 -0.75 0.00	26.96 -0.76 0.00	25.88 -0.78 0.00	24.11 -0.59 0.00	24.93 -0.58 0.00	25.99 -0.54 0.00	26.50 -0.43 0.00	32.64 -0.55 0.00	35.46 -0.50 0.00	32.54 -0.49 0.00	33.27 -0.48 0.00	36.66 -0.47 0.00	36.19 -0.22 0.00	43.89 -0.33 0.00	41.71 0.01 0.00	46.55 0.12 0.00	40.15 0.15 0.00	38.59 -0.16 0.00	43.55 -0.48 0.00	44.55 -0.50 0.00	41.13 -0.98 -1.09	45.86 -0.64 -0.20	33.64 -0.40 0.00	23.00 -0.52 0.00
HISHELDN_WT_PWR 323625	30.54 -0.90 0.00	26.79 -0.93 0.00	25.79 -0.87 0.00	23.92 -0.77 0.00	24.72 -0.79 0.00	25.58 -0.95 0.00	25.91 -1.03 0.00	32.17 -1.02 0.00	34.95 -1.01 0.00	32.30 -0.72 0.00	33.10 -0.65 0.00	36.40 -0.73 0.00	35.98 -0.43 0.00	43.71 -0.52 0.00	41.81 0.10 0.00	46.87 0.44 0.00	40.44 0.45 0.00	38.88 0.14 0.00	43.68 -0.34 0.00	44.40 -0.66 0.00	39.87 -1.15 0.00	45.64 -0.66 0.00	33.72 -0.32 0.00	23.01 -0.51 0.00
HOLTSVILLE_IC_1 23690	34.14 2.48 -0.22	29.67 1.95 0.00	28.37 1.71 0.00	26.33 1.63 0.00	27.14 1.63 0.00	29.10 1.97 -0.60	35.11 2.27 -5.91	35.84 2.65 0.00	38.66 2.70 0.00	37.09 2.99 -1.09	38.26 3.09 -1.42	40.45 3.32 0.00	39.82 3.34 -0.08	47.81 3.58 0.00	44.73 3.03 0.00	49.35 2.92 0.00	42.74 2.74 0.00	41.71 2.97 0.00	47.12 3.09 0.00	48.18 3.12 0.00	60.48 3.07 -16.39	49.57 2.60 -0.67	36.13 2.09 0.00	25.11 1.59 0.00
HOLTSVILLE_IC_10 23699	34.33 2.67 -0.22	29.81 2.10 0.00	28.50 1.84 0.00	26.45 1.75 0.00	27.26 1.76 0.00	29.23 2.10 -0.60	35.25 2.41 -5.91	36.03 2.84 0.00	38.90 2.94 0.00	37.35 3.24 -1.09	38.54 3.36 -1.42	40.75 3.62 0.00	40.17 3.68 -0.08	48.24 4.00 0.00	45.13 3.43 0.00	49.80 3.37 0.00	43.16 3.16 0.00	42.10 3.36 0.00	47.54 3.52 0.00	48.60 3.54 0.00	60.84 3.43 -16.39	49.94 2.97 -0.67	36.39 2.35 0.00	25.26 1.74 0.00
HOLTSVILLE_IC_2 23691	34.14 2.48 -0.22	29.67 1.95 0.00	28.37 1.71 0.00	26.33 1.63 0.00	27.14 1.63 0.00	29.10 1.97 -0.60	35.11 2.27 -5.91	35.84 2.65 0.00	38.66 2.70 0.00	37.09 2.99 -1.09	38.26 3.09 -1.42	40.45 3.32 0.00	39.82 3.34 -0.08	47.81 3.58 0.00	44.73 3.03 0.00	49.35 2.92 0.00	42.74 2.74 0.00	41.71 2.97 0.00	47.12 3.09 0.00	48.18 3.12 0.00	60.48 3.07 -16.39	49.57 2.60 -0.67	36.13 2.09 0.00	25.11 1.59 0.00
HOLTSVILLE_IC_3 23692	34.14 2.48 -0.22	29.67 1.95 0.00	28.37 1.71 0.00	26.33 1.63 0.00	27.14 1.63 0.00	29.10 1.97 -0.60	35.11 2.27 -5.91	35.84 2.65 0.00	38.66 2.70 0.00	37.09 2.99 -1.09	38.26 3.09 -1.42	40.45 3.32 0.00	39.82 3.34 -0.08	47.81 3.58 0.00	44.73 3.03 0.00	49.35 2.92 0.00	42.74 2.74 0.00	41.71 2.97 0.00	47.12 3.09 0.00	48.18 3.12 0.00	60.48 3.07 -16.39	49.57 2.60 -0.67	36.13 2.09 0.00	25.11 1.59 0.00
HOLTSVILLE_IC_4 23693	34.14 2.48 -0.22	29.67 1.95 0.00	28.37 1.71 0.00	26.33 1.63 0.00	27.14 1.63 0.00	29.10 1.97 -0.60	35.11 2.27 -5.91	35.84 2.65 0.00	38.66 2.70 0.00	37.09 2.99 -1.09	38.26 3.09 -1.42	40.45 3.32 0.00	39.82 3.34 -0.08	47.81 3.58 0.00	44.73 3.03 0.00	49.35 2.92 0.00	42.74 2.74 0.00	41.71 2.97 0.00	47.12 3.09 0.00	48.18 3.12 0.00	60.48 3.07 -16.39	49.57 2.60 -0.67	36.13 2.09 0.00	25.11 1.59 0.00
HOLTSVILLE_IC_5 23694	34.14 2.48 -0.22	29.67 1.95 0.00	28.37 1.71 0.00	26.33 1.63 0.00	27.14 1.63 0.00	29.10 1.97 -0.60	35.11 2.27 -5.91	35.84 2.65 0.00	38.66 2.70 0.00	37.09 2.99 -1.09	38.26 3.09 -1.42	40.45 3.32 0.00	39.82 3.34 -0.08	47.81 3.58 0.00	44.73 3.03 0.00	49.35 2.92 0.00	42.74 2.74 0.00	41.71 2.97 0.00	47.12 3.09 0.00	48.18 3.12 0.00	60.48 3.07 -16.39	49.57 2.60 -0.67	36.13 2.09 0.00	25.11 1.59 0.00
HOLTSVILLE_IC_6 23695	34.33 2.67 -0.22	29.81 2.10 0.00	28.50 1.84 0.00	26.45 1.75 0.00	27.26 1.76 0.00	29.23 2.10 -0.60	35.25 2.41 -5.91	36.03 2.84 0.00	38.90 2.94 0.00	37.35 3.24 -1.09	38.54 3.36 -1.42	40.75 3.62 0.00	40.17 3.68 -0.08	48.24 4.00 0.00	45.13 3.43 0.00	49.80 3.37 0.00	43.16 3.16 0.00	42.10 3.36 0.00	47.54 3.52 0.00	48.60 3.54 0.00	60.84 3.43 -16.39	49.94 2.97 -0.67	36.39 2.35 0.00	25.26 1.74 0.00
HOLTSVILLE_IC_7 23696	34.33 2.67 -0.22	29.81 2.10 0.00	28.50 1.84 0.00	26.45 1.75 0.00	27.26 1.76 0.00	29.23 2.10 -0.60	35.25 2.41 -5.91	36.03 2.84 0.00	38.90 2.94 0.00	37.35 3.24 -1.09	38.54 3.36 -1.42	40.75 3.62 0.00	40.17 3.68 -0.08	48.24 4.00 0.00	45.13 3.43 0.00	49.80 3.37 0.00	43.16 3.16 0.00	42.10 3.36 0.00	47.54 3.52 0.00	48.60 3.54 0.00	60.84 3.43 -16.39	49.94 2.97 -0.67	36.39 2.35 0.00	25.26 1.74 0.00
HOLTSVILLE_IC_8 23697	34.33 2.67 -0.22	29.81 2.10 0.00	28.50 1.84 0.00	26.45 1.75 0.00	27.26 1.76 0.00	29.23 2.10 -0.60	35.25 2.41 -5.91	36.03 2.84 0.00	38.90 2.94 0.00	37.35 3.24 -1.09	38.54 3.36 -1.42	40.75 3.62 0.00	40.17 3.68 -0.08	48.24 4.00 0.00	45.13 3.43 0.00	49.80 3.37 0.00	43.16 3.16 0.00	42.10 3.36 0.00	47.54 3.52 0.00	48.60 3.54 0.00	60.84 3.43 -16.39	49.94 2.97 -0.67	36.39 2.35 0.00	25.26 1.74 0.00
HOLTSVILLE_IC_9 23698	34.33 2.67 -0.22	29.81 2.10 0.00	28.50 1.84 0.00	26.45 1.75 0.00	27.26 1.76 0.00	29.23 2.10 -0.60	35.25 2.41 -5.91	36.03 2.84 0.00	38.90 2.94 0.00	37.35 3.24 -1.09	38.54 3.36 -1.42	40.75 3.62 0.00	40.17 3.68 -0.08	48.24 4.00 0.00	45.13 3.43 0.00	49.80 3.37 0.00	43.16 3.16 0.00	42.10 3.36 0.00	47.54 3.52 0.00	48.60 3.54 0.00	60.84 3.43 -16.39	49.94 2.97 -0.67	36.39 2.35 0.00	25.26 1.74 0.00
HOMER_HL_115KV_TB2 355744	30.66 -0.78 0.00	26.87 -0.84 0.00	25.86 -0.80 0.00	24.00 -0.69 0.00	24.88 -0.63 0.00	25.89 -0.64 0.00	26.38 -0.56 0.00	32.92 -0.27 0.00	35.71 -0.25 0.00	32.78 -0.25 0.00	33.29 -0.46 0.00	36.56 -0.57 0.00	35.92 -0.49 0.00	43.34 -0.89 0.00	41.33 -0.38 0.00	46.26 -0.18 0.00	39.89 -0.10 0.00	38.35 -0.39 0.00	43.13 -0.90 0.00	44.04 -1.02 0.00	39.63 -1.39 0.00	45.33 -0.97 0.00	33.79 -0.25 0.00	23.16 -0.36 0.00
HOWARD_WT_PWR 323690	31.52 0.09 0.00	27.64 -0.07 0.00	26.55 -0.11 0.00	24.65 -0.05 0.00	25.50 -0.01 0.00	26.50 -0.03 0.00	26.92 -0.02 0.00	33.09 -0.10 0.00	36.23 0.27 0.00	33.31 0.29 0.00	34.10 0.35 0.00	37.46 0.33 0.00	37.03 0.62 0.00	45.05 0.81 0.00	42.99 1.28 0.00	48.06 1.63 0.00	41.52 1.52 0.00	39.56 0.82 0.00	44.45 0.42 0.00	45.53 0.47 0.00	40.76 -0.26 0.00	46.57 0.27 0.00	34.50 0.46 0.00	23.63 0.11 0.00

HQ_GEN_CEDARS 23644	31.23 -0.21 0.00	27.55 -0.17 0.00	26.54 -0.12 0.00	24.57 -0.12 0.00	25.34 -0.17 0.00	26.30 -0.23 0.00	26.67 -0.26 0.00	32.96 -0.23 0.00	35.54 -0.42 0.00	32.58 -0.45 0.00	33.19 -0.56 0.00	36.44 -0.70 0.00	35.56 -0.85 0.00	43.03 -1.20 0.00	40.38 -1.32 0.00	45.10 -1.33 0.00	38.42 -1.57 0.00	37.41 -1.33 0.00	42.57 -1.46 0.00	43.63 -1.42 0.00	39.77 -1.24 0.00	45.72 -0.58 0.00	33.73 -0.31 0.00	23.32 -0.20 0.00
HQ_GEN_CEDARS_PROXY 323590	31.23 -0.21 0.00	27.55 -0.17 0.00	26.54 -0.12 0.00	24.57 -0.12 0.00	25.34 -0.17 0.00	26.30 -0.23 0.00	26.67 -0.26 0.00	32.96 -0.23 0.00	35.54 -0.42 0.00	32.58 -0.45 0.00	33.19 -0.56 0.00	36.44 -0.70 0.00	35.56 -0.85 0.00	43.03 -1.20 0.00	40.38 -1.32 0.00	45.10 -1.33 0.00	38.42 -1.57 0.00	37.41 -1.33 0.00	21.97 -1.46 20.60	21.11 -1.42 22.52	19.96 -1.24 19.82	45.72 -0.58 0.00	33.73 -0.31 0.00	23.32 -0.20 0.00
HQ_GEN_IMPORT 323601	31.17 -0.27 0.00	27.50 -0.21 0.00	26.48 -0.18 0.00	24.52 -0.17 0.00	25.31 -0.20 0.00	26.29 -0.24 0.00	26.69 -0.25 0.00	32.93 -0.26 0.00	35.58 -0.38 0.00	32.65 -0.38 0.00	33.30 -0.45 0.00	36.59 -0.55 0.00	35.76 -0.65 0.00	46.47 -0.86 -3.10	40.76 -0.94 0.00	46.71 -0.97 -1.25	39.09 -0.91 0.00	37.91 -0.83 0.00	43.11 -0.92 0.00	44.15 -0.91 0.00	40.20 -0.82 0.00	46.02 -0.72 -0.45	34.87 -0.41 -1.25	23.28 -0.24 0.00
HQ_GEN_WHEEL 23651	31.17 -0.27 0.00	27.50 -0.21 0.00	26.48 -0.18 0.00	24.52 -0.17 0.00	25.31 -0.20 0.00	26.29 -0.24 0.00	26.69 -0.25 0.00	32.93 -0.26 0.00	35.58 -0.38 0.00	32.65 -0.38 0.00	33.30 -0.45 0.00	36.59 -0.55 0.00	35.76 -0.65 0.00	46.47 -0.86 -3.10	40.76 -0.94 0.00	46.71 -0.97 -1.25	39.09 -0.91 0.00	37.91 -0.83 0.00	43.11 -0.92 0.00	44.15 -0.91 0.00	40.20 -0.82 0.00	46.02 -0.72 -0.45	34.87 -0.41 -1.25	23.28 -0.24 0.00
HUDSON AVE_GT_3 23810	33.78 2.35 0.00	29.59 1.88 0.00	28.34 1.68 0.00	26.18 1.49 0.00	27.08 1.57 0.00	28.28 1.75 0.00	29.00 2.07 0.00	35.69 2.50 0.00	38.77 2.81 0.00	35.80 2.77 0.00	36.68 2.93 0.00	40.29 3.16 0.00	39.56 3.15 0.00	47.98 3.75 0.00	45.12 3.41 0.00	49.91 3.48 0.00	43.02 3.02 0.00	41.65 2.91 0.00	47.10 3.07 0.00	48.16 3.10 0.00	60.31 2.92 -16.37	50.04 3.07 -0.67	36.37 2.33 0.00	25.18 1.67 0.00
HUDSON AVE_GT_4 23540	33.78 2.35 0.00	29.59 1.88 0.00	28.34 1.68 0.00	26.18 1.49 0.00	27.08 1.57 0.00	28.28 1.75 0.00	29.00 2.07 0.00	35.69 2.50 0.00	38.77 2.81 0.00	35.80 2.77 0.00	36.68 2.93 0.00	40.29 3.16 0.00	39.56 3.15 0.00	47.98 3.75 0.00	45.12 3.41 0.00	49.91 3.48 0.00	43.02 3.02 0.00	41.65 2.91 0.00	47.10 3.07 0.00	48.16 3.10 0.00	60.31 2.92 -16.37	50.04 3.07 -0.67	36.37 2.33 0.00	25.18 1.67 0.00
HUDSON AVE_GT_5 23657	33.78 2.35 0.00	29.59 1.88 0.00	28.34 1.68 0.00	26.18 1.49 0.00	27.08 1.57 0.00	28.28 1.75 0.00	29.00 2.07 0.00	35.69 2.50 0.00	38.77 2.81 0.00	35.80 2.77 0.00	36.68 2.93 0.00	40.29 3.16 0.00	39.56 3.15 0.00	47.98 3.75 0.00	45.12 3.41 0.00	49.91 3.48 0.00	43.02 3.02 0.00	41.65 2.91 0.00	47.10 3.07 0.00	48.16 3.10 0.00	60.31 2.92 -16.37	50.04 3.07 -0.67	36.37 2.33 0.00	25.18 1.67 0.00
HUDSON_AVE_10 24168	33.71 2.27 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.12 1.43 0.00	27.01 1.50 0.00	28.21 1.68 0.00	28.93 1.99 0.00	35.62 2.43 0.00	38.69 2.73 0.00	35.73 2.70 0.00	36.61 2.86 0.00	40.20 3.07 0.00	39.46 3.05 0.00	47.88 3.65 0.00	45.00 3.30 0.00	49.79 3.36 0.00	42.91 2.92 0.00	41.56 2.81 0.00	46.99 2.96 0.00	48.03 2.98 0.00	60.21 2.82 -16.37	49.95 2.97 -0.67	36.29 2.25 0.00	25.14 1.62 0.00
HUDSON___115KV_TB 4 355613	32.73 1.29 0.00	28.74 1.02 0.00	27.67 1.01 0.00	25.63 0.94 0.00	26.48 0.97 0.00	27.54 1.01 0.00	27.94 1.01 0.00	34.28 1.09 0.00	36.97 1.01 0.00	33.72 0.69 0.00	34.39 0.63 0.00	37.90 0.76 0.00	37.30 0.88 0.00	45.61 1.38 0.00	43.21 1.50 0.00	48.11 1.69 0.00	41.63 1.64 0.00	40.50 1.76 0.00	46.33 2.30 0.00	47.51 2.46 0.00	65.74 2.30 -22.42	51.76 2.37 -3.09	35.48 1.44 0.00	24.44 0.92 0.00
HUNTER MOUNT___DRP 323613	32.87 1.43 0.00	28.87 1.15 0.00	27.81 1.15 0.00	25.77 1.08 0.00	26.62 1.11 0.00	27.67 1.14 0.00	28.05 1.11 0.00	34.43 1.24 0.00	37.12 1.16 0.00	33.80 0.77 0.00	34.42 0.66 0.00	37.97 0.84 0.00	37.38 0.97 0.00	45.76 1.53 0.00	43.45 1.74 0.00	48.45 2.02 0.00	41.98 1.99 0.00	40.90 2.16 0.00	46.87 2.85 0.00	48.08 3.02 0.00	64.34 2.77 -20.56	51.74 2.83 -2.61	35.74 1.71 0.00	24.58 1.06 0.00
HUNTINGTON_RES_REC 323705	34.26 2.60 -0.22	29.77 2.05 0.00	28.46 1.81 0.00	26.41 1.71 0.00	27.22 1.71 0.00	29.15 2.02 -0.60	35.17 2.32 -5.91	35.87 2.69 0.00	38.62 2.66 0.00	37.08 2.97 -1.09	38.27 3.10 -1.42	40.42 3.29 0.00	39.86 3.37 -0.08	47.90 3.67 0.00	44.87 3.17 0.00	49.54 3.11 0.00	42.86 2.87 0.00	41.80 3.06 0.00	47.25 3.22 0.00	48.26 3.20 0.00	60.53 3.13 -16.39	49.64 2.67 -0.67	36.18 2.14 0.00	25.15 1.64 0.00
HUNTLEY___63 23557	30.35 -1.09 0.00	26.60 -1.11 0.00	25.63 -1.02 0.00	23.74 -0.96 0.00	24.52 -0.99 0.00	25.29 -1.24 0.00	25.54 -1.39 0.00	31.68 -1.51 0.00	34.42 -1.54 0.00	31.90 -1.12 0.00	32.78 -0.97 0.00	36.08 -1.05 0.00	35.63 -0.78 0.00	43.29 -0.94 -0.01	41.51 -0.21 -0.02	46.54 0.09 -0.02	40.18 0.16 -0.02	38.71 -0.05 -0.02	43.49 -0.55 -0.02	44.12 -0.95 -0.02	39.61 -1.42 -0.02	45.34 -0.98 -0.02	33.47 -0.57 0.00	22.88 -0.65 -0.01
HUNTLEY___64 23558	30.35 -1.09 0.00	26.60 -1.11 0.00	25.63 -1.02 0.00	23.74 -0.96 0.00	24.52 -0.99 0.00	25.29 -1.24 0.00	25.54 -1.39 0.00	31.68 -1.51 0.00	34.42 -1.54 0.00	31.90 -1.12 0.00	32.78 -0.97 0.00	36.08 -1.05 0.00	35.63 -0.78 0.00	43.29 -0.94 -0.01	41.51 -0.21 -0.02	46.54 0.09 -0.02	40.18 0.16 -0.02	38.71 -0.05 -0.02	43.49 -0.55 -0.02	44.12 -0.95 -0.02	39.61 -1.42 -0.02	45.34 -0.98 -0.02	33.47 -0.57 0.00	22.88 -0.65 -0.01
HUNTLEY___65 23559	30.35 -1.09 0.00	26.60 -1.11 0.00	25.63 -1.02 0.00	23.74 -0.96 0.00	24.52 -0.99 0.00	25.29 -1.24 0.00	25.54 -1.39 0.00	31.68 -1.51 0.00	34.42 -1.54 0.00	31.90 -1.12 0.00	32.78 -0.97 0.00	36.08 -1.05 0.00	35.63 -0.78 0.00	43.29 -0.94 -0.01	41.51 -0.21 -0.02	46.54 0.09 -0.02	40.18 0.16 -0.02	38.71 -0.05 -0.02	43.49 -0.55 -0.02	44.12 -0.95 -0.02	39.61 -1.42 -0.02	45.34 -0.98 -0.02	33.47 -0.57 0.00	22.88 -0.65 -0.01
HUNTLEY___66 23560	30.35 -1.09 0.00	26.60 -1.11 0.00	25.63 -1.02 0.00	23.74 -0.96 0.00	24.52 -0.99 0.00	25.29 -1.24 0.00	25.54 -1.39 0.00	31.68 -1.51 0.00	34.42 -1.54 0.00	31.90 -1.12 0.00	32.78 -0.97 0.00	36.08 -1.05 0.00	35.63 -0.78 0.00	43.29 -0.94 -0.01	41.51 -0.21 -0.02	46.54 0.09 -0.02	40.18 0.16 -0.02	38.71 -0.05 -0.02	43.49 -0.55 -0.02	44.12 -0.95 -0.02	39.61 -1.42 -0.02	45.34 -0.98 -0.02	33.47 -0.57 0.00	22.88 -0.65 -0.01

HUNTLEY___67 23561	30.11 -1.33 0.00	26.42 -1.30 0.00	25.46 -1.20 0.00	23.59 -1.10 0.00	24.37 -1.14 0.00	25.16 -1.37 0.00	25.43 -1.51 0.00	31.80 -1.39 0.00	34.54 -1.42 0.00	31.97 -1.05 0.00	32.79 -0.96 0.00	36.06 -1.07 0.00	35.61 -0.81 0.00	43.29 -0.94 0.00	41.47 -0.23 0.00	46.52 0.10 0.00	40.14 0.14 0.00	38.64 -0.11 0.00	43.44 -0.59 0.00	44.11 -0.95 0.00	39.61 -1.41 0.00	45.36 -0.94 0.00	33.51 -0.52 0.00	22.90 -0.62 0.00
HUNTLEY___68 23562	30.11 -1.33 0.00	26.42 -1.30 0.00	25.46 -1.20 0.00	23.59 -1.10 0.00	24.37 -1.14 0.00	25.16 -1.37 0.00	25.43 -1.51 0.00	31.80 -1.39 0.00	34.54 -1.42 0.00	31.97 -1.05 0.00	32.79 -0.96 0.00	36.06 -1.07 0.00	35.61 -0.81 0.00	43.29 -0.94 0.00	41.47 -0.23 0.00	46.52 0.10 0.00	40.14 0.14 0.00	38.64 -0.11 0.00	43.44 -0.59 0.00	44.11 -0.95 0.00	39.61 -1.41 0.00	45.36 -0.94 0.00	33.51 -0.52 0.00	22.90 -0.62 0.00
HYLAND___LFGE 323620	32.38 0.94 0.00	28.35 0.64 0.00	27.23 0.57 0.00	25.21 0.52 0.00	26.08 0.57 0.00	27.09 0.56 0.00	27.58 0.65 0.00	33.95 0.76 0.00	36.22 0.26 0.00	32.99 -0.03 0.00	33.68 -0.07 0.00	36.50 -0.64 0.00	35.90 -0.51 0.00	43.71 -0.52 0.00	41.85 0.14 0.00	46.81 0.38 0.00	40.84 0.85 0.00	39.65 0.91 0.00	45.20 1.17 0.00	46.11 1.05 0.00	41.72 0.70 0.00	47.53 1.23 0.00	35.55 1.52 0.00	24.41 0.89 0.00
INDECK___CORINTH 23802	33.86 2.42 0.00	29.74 2.03 0.00	28.58 1.93 0.00	26.48 1.79 0.00	27.37 1.86 0.00	28.48 1.95 0.00	28.92 1.99 0.00	35.77 2.58 0.00	38.81 2.85 0.00	35.38 2.35 0.00	35.90 2.15 0.00	39.56 2.43 0.00	38.88 2.47 0.00	47.39 3.16 0.00	45.04 3.33 0.00	50.30 3.88 0.00	43.39 3.39 0.00	42.21 3.47 0.00	48.80 4.78 0.00	49.61 4.56 0.00	87.93 4.54 -42.37	57.91 4.66 -6.95	36.76 2.73 0.00	25.01 1.49 0.00
INDECK___ILION 23567	31.84 0.40 0.00	28.02 0.30 0.00	26.94 0.28 0.00	24.97 0.27 0.00	25.79 0.28 0.00	26.87 0.34 0.00	27.26 0.32 0.00	33.42 0.23 0.00	36.08 0.12 0.00	33.04 0.01 0.00	33.76 0.01 0.00	37.22 0.09 0.00	36.62 0.21 0.00	44.61 0.38 0.00	42.27 0.56 0.00	47.11 0.68 0.00	40.66 0.67 0.00	39.40 0.66 0.00	44.90 0.87 0.00	46.01 0.95 0.00	41.88 0.87 0.00	47.13 0.83 0.00	34.52 0.48 0.00	23.80 0.28 0.00
INDECK___OLEAN 23982	30.65 -0.79 0.00	26.87 -0.84 0.00	25.86 -0.80 0.00	24.00 -0.69 0.00	24.88 -0.63 0.00	25.90 -0.63 0.00	26.38 -0.55 0.00	32.92 -0.27 0.00	35.70 -0.27 0.00	32.78 -0.24 0.00	33.29 -0.46 0.00	36.55 -0.59 0.00	35.94 -0.47 0.00	43.34 -0.89 0.00	41.31 -0.40 0.00	46.26 -0.17 0.00	39.90 -0.10 0.00	38.35 -0.39 0.00	43.13 -0.90 0.00	44.04 -1.02 0.00	39.63 -1.39 0.00	45.33 -0.97 0.00	33.79 -0.25 0.00	23.16 -0.36 0.00
INDECK___OSWEGO 23783	30.65 -0.79 0.00	27.08 -0.63 0.00	26.03 -0.63 0.00	24.11 -0.59 0.00	24.93 -0.59 0.00	25.94 -0.59 0.00	26.29 -0.65 0.00	31.91 -1.28 0.00	34.42 -1.54 0.00	31.65 -1.37 0.00	32.39 -1.36 0.00	35.67 -1.46 0.00	35.01 -1.40 0.00	42.39 -1.84 0.00	40.30 -1.40 0.00	45.21 -1.22 0.00	39.08 -0.92 0.00	37.83 -0.91 0.00	42.90 -1.12 0.00	43.84 -1.22 0.00	39.81 -1.21 0.00	44.93 -1.37 0.00	32.94 -1.10 0.00	22.62 -0.90 0.00
INDECK___YERKES 23781	30.37 -1.07 0.00	26.63 -1.09 0.00	25.66 -1.00 0.00	23.76 -0.93 0.00	24.54 -0.97 0.00	25.32 -1.21 0.00	25.57 -1.36 0.00	31.72 -1.47 0.00	34.44 -1.52 0.00	31.95 -1.08 0.00	32.83 -0.92 0.00	36.11 -1.03 0.00	35.70 -0.71 0.00	43.35 -0.89 -0.01	41.56 -0.16 -0.02	46.60 0.15 -0.02	40.23 0.22 -0.02	38.76 0.00 -0.02	43.54 -0.50 -0.02	44.17 -0.90 -0.02	39.67 -1.36 -0.02	45.38 -0.93 -0.02	33.51 -0.53 0.00	22.90 -0.63 -0.01
INDIAN POINT_GT_1 24139	33.35 1.91 0.00	29.25 1.53 0.00	28.02 1.36 0.00	25.90 1.21 0.00	26.78 1.27 0.00	27.96 1.43 0.00	28.63 1.70 0.00	35.22 2.03 0.00	38.24 2.28 0.00	35.28 2.26 0.00	36.14 2.39 0.00	39.72 2.59 0.00	38.97 2.56 0.00	47.26 3.03 0.00	44.47 2.77 0.00	49.23 2.80 0.00	42.44 2.44 0.00	41.11 2.37 0.00	46.53 2.51 0.00	47.61 2.55 0.00	60.43 2.42 -16.99	49.43 2.47 -0.67	35.88 1.84 0.00	24.84 1.32 0.00
INDIAN POINT_GT_2 23659	33.35 1.91 0.00	29.25 1.53 0.00	28.02 1.36 0.00	25.90 1.21 0.00	26.78 1.27 0.00	27.96 1.43 0.00	28.63 1.70 0.00	35.22 2.03 0.00	38.24 2.28 0.00	35.28 2.26 0.00	36.14 2.39 0.00	39.72 2.59 0.00	38.97 2.56 0.00	47.26 3.03 0.00	44.47 2.77 0.00	49.23 2.80 0.00	42.44 2.44 0.00	41.11 2.37 0.00	46.53 2.51 0.00	47.61 2.55 0.00	60.43 2.42 -16.99	49.43 2.47 -0.67	35.88 1.84 0.00	24.84 1.32 0.00
INDIAN POINT_GT_3 24019	33.35 1.91 0.00	29.25 1.53 0.00	28.02 1.36 0.00	25.90 1.21 0.00	26.78 1.27 0.00	27.96 1.43 0.00	28.63 1.70 0.00	35.22 2.03 0.00	38.24 2.28 0.00	35.28 2.26 0.00	36.14 2.39 0.00	39.72 2.59 0.00	38.97 2.56 0.00	47.26 3.03 0.00	44.47 2.77 0.00	49.23 2.80 0.00	42.44 2.44 0.00	41.11 2.37 0.00	46.53 2.51 0.00	47.61 2.55 0.00	60.43 2.42 -16.99	49.43 2.47 -0.67	35.88 1.84 0.00	24.84 1.32 0.00
INDIAN POINT___2 23530	33.31 1.87 0.00	29.20 1.48 0.00	27.98 1.33 0.00	25.87 1.18 0.00	26.75 1.24 0.00	27.93 1.39 0.00	28.61 1.67 0.00	35.18 1.99 0.00	38.21 2.25 0.00	35.25 2.22 0.00	36.11 2.36 0.00	39.68 2.55 0.00	38.91 2.49 0.00	47.17 2.94 0.00	44.39 2.69 0.00	49.12 2.69 0.00	42.36 2.36 0.00	41.04 2.29 0.00	46.44 2.41 0.00	47.52 2.46 0.00	61.08 2.34 -17.72	49.32 2.37 -0.66	35.81 1.78 0.00	24.80 1.28 0.00
INDIAN POINT___3 23531	33.31 1.87 0.00	29.21 1.49 0.00	27.99 1.33 0.00	25.88 1.18 0.00	26.76 1.25 0.00	27.93 1.40 0.00	28.60 1.66 0.00	35.18 1.99 0.00	38.20 2.24 0.00	35.23 2.20 0.00	36.08 2.33 0.00	39.65 2.52 0.00	38.89 2.48 0.00	47.14 2.91 0.00	44.37 2.67 0.00	49.10 2.67 0.00	42.32 2.33 0.00	41.02 2.28 0.00	46.42 2.40 0.00	47.50 2.44 0.00	60.35 2.34 -17.00	49.33 2.36 -0.67	35.80 1.76 0.00	24.79 1.27 0.00
INGHAM_C_115KV_TB7 356103	32.04 0.60 0.00	28.16 0.44 0.00	27.07 0.41 0.00	25.09 0.40 0.00	25.94 0.43 0.00	27.05 0.52 0.00	27.41 0.48 0.00	33.48 0.29 0.00	35.98 0.01 0.00	32.77 -0.26 0.00	33.45 -0.30 0.00	36.97 -0.17 0.00	36.47 0.06 0.00	44.56 0.33 0.00	42.45 0.74 0.00	47.38 0.95 0.00	41.00 1.00 0.00	39.77 1.03 0.00	45.49 1.46 0.00	46.70 1.65 0.00	42.54 1.52 0.00	47.75 1.45 0.00	34.87 0.84 0.00	24.02 0.50 0.00
IP CORINTH___1 23988	33.86 2.42 0.00	29.75 2.03 0.00	28.58 1.92 0.00	26.48 1.79 0.00	27.37 1.86 0.00	28.48 1.95 0.00	28.92 1.98 0.00	35.77 2.58 0.00	38.81 2.84 0.00	35.38 2.35 0.00	35.90 2.15 0.00	39.56 2.43 0.00	38.88 2.47 0.00	47.39 3.16 0.00	45.04 3.34 0.00	50.30 3.87 0.00	43.39 3.40 0.00	42.21 3.46 0.00	48.80 4.78 0.00	49.61 4.55 0.00	87.93 4.54 -42.37	57.95 4.70 -6.95	36.86 2.82 0.00	25.12 1.61 0.00

IP__TICONDEROGA 23804	35.87 4.43 0.00	31.43 3.71 0.00	30.17 3.52 0.00	27.96 3.27 0.00	28.87 3.36 0.00	30.04 3.51 0.00	30.42 3.49 0.00	37.50 4.31 0.00	40.47 4.51 0.00	36.54 3.51 0.00	37.22 3.46 0.00	40.97 3.84 0.00	40.31 3.90 0.00	49.68 5.45 0.00	47.55 5.85 0.00	53.25 6.82 0.00	45.67 5.67 0.00	44.66 5.91 0.00	52.08 8.05 0.00	52.06 7.00 0.00	89.74 6.67 -42.04	60.52 7.33 -6.89	38.61 4.57 0.00	26.53 3.01 0.00
ISLIP_RES_REC 323679	34.51 2.86 -0.22	29.96 2.25 0.00	28.63 1.98 0.00	26.57 1.88 0.00	27.39 1.88 0.00	29.37 2.24 -0.60	35.42 2.57 -5.91	36.24 3.05 0.00	39.16 3.20 0.00	37.61 3.51 -1.09	38.83 3.65 -1.42	41.09 3.96 0.00	40.53 4.04 -0.08	48.65 4.42 0.00	45.56 3.85 0.00	50.26 3.83 0.00	43.57 3.58 0.00	42.50 3.76 0.00	47.97 3.94 0.00	49.01 3.95 0.00	61.19 3.78 -16.39	50.33 3.36 -0.67	36.65 2.61 0.00	25.42 1.91 0.00
JAMAICA__27_KV_LOAD 355505	34.07 2.63 0.00	29.82 2.10 0.00	28.56 1.90 0.00	26.36 1.67 0.00	27.26 1.75 0.00	28.46 1.93 0.00	29.18 2.24 0.00	35.92 2.73 0.00	39.09 3.13 0.00	36.06 3.04 0.00	36.97 3.22 0.00	40.62 3.49 0.00	39.85 3.44 0.00	48.39 4.16 0.00	45.43 3.73 0.00	50.27 3.85 0.00	43.31 3.32 0.00	42.00 3.26 0.00	47.49 3.46 0.00	48.54 3.49 0.00	60.69 3.30 -16.37	50.57 3.60 -0.67	36.72 2.68 0.00	25.41 1.89 0.00
JANIS__SOLAR 323808	32.71 1.27 0.00	28.76 1.04 0.00	27.62 0.96 0.00	25.60 0.91 0.00	26.48 0.97 0.00	27.61 1.08 0.00	28.09 1.16 0.00	34.80 1.61 0.00	37.51 1.56 0.00	34.10 1.08 0.00	34.80 1.05 0.00	38.26 1.13 0.00	37.57 1.16 0.00	45.88 1.65 0.00	44.08 2.38 0.00	49.07 2.64 0.00	42.36 2.37 0.00	41.02 2.28 0.00	46.61 2.58 0.00	47.59 2.53 0.00	44.68 1.99 -1.68	48.81 2.21 -0.31	35.51 1.48 0.00	24.34 0.83 0.00
JARVIS____ 23743	31.61 0.17 0.00	27.86 0.14 0.00	26.80 0.13 0.00	24.82 0.12 0.00	25.64 0.13 0.00	26.69 0.16 0.00	27.10 0.16 0.00	33.28 0.09 0.00	36.03 0.07 0.00	33.09 0.07 0.00	33.84 0.09 0.00	37.25 0.11 0.00	36.57 0.16 0.00	44.46 0.23 0.00	41.99 0.29 0.00	46.71 0.28 0.00	40.25 0.26 0.00	38.98 0.25 0.00	44.30 0.27 0.00	45.33 0.27 0.00	41.28 0.26 0.00	46.54 0.24 0.00	34.17 0.13 0.00	23.58 0.06 0.00
JENNISON__1 23625	32.86 1.42 0.00	28.86 1.14 0.00	27.70 1.04 0.00	25.69 1.00 0.00	26.57 1.06 0.00	27.73 1.19 0.00	28.21 1.28 0.00	35.92 2.73 0.00	38.74 2.78 0.00	35.13 2.11 0.00	36.03 2.28 0.00	39.44 2.30 0.00	38.06 1.65 0.00	46.40 2.17 0.00	44.19 2.49 0.00	49.13 2.70 0.00	42.44 2.44 0.00	41.04 2.30 0.00	46.66 2.63 0.00	47.58 2.52 0.00	44.15 2.01 -1.13	49.20 2.41 -0.49	35.68 1.64 0.00	24.48 0.96 0.00
JENNISON__2 23626	32.86 1.42 0.00	28.86 1.14 0.00	27.70 1.04 0.00	25.69 1.00 0.00	26.57 1.06 0.00	27.73 1.19 0.00	28.21 1.28 0.00	35.92 2.73 0.00	38.74 2.78 0.00	35.13 2.11 0.00	36.03 2.28 0.00	39.44 2.30 0.00	38.06 1.65 0.00	46.40 2.17 0.00	44.19 2.49 0.00	49.13 2.70 0.00	42.44 2.44 0.00	41.04 2.30 0.00	46.66 2.63 0.00	47.58 2.52 0.00	44.15 2.01 -1.13	49.20 2.41 -0.49	35.68 1.64 0.00	24.48 0.96 0.00
JERICHO_RISE_WT_PWR 323719	31.97 0.53 0.00	28.17 0.45 0.00	27.10 0.44 0.00	25.09 0.40 0.00	25.84 0.33 0.00	26.73 0.20 0.00	27.14 0.21 0.00	33.38 0.19 0.00	36.05 0.09 0.00	32.96 -0.07 0.00	33.60 -0.15 0.00	36.89 -0.24 0.00	36.05 -0.36 0.00	43.71 -0.52 0.00	40.97 -0.73 0.00	45.89 -0.54 0.00	39.31 -0.68 0.00	38.23 -0.51 0.00	43.67 -0.36 0.00	44.89 -0.17 0.00	41.05 0.03 0.00	46.74 0.45 0.00	34.44 0.40 0.00	23.83 0.31 0.00
KATONAH__115KV_46KV_TB4 355592	33.57 2.13 0.00	29.42 1.70 0.00	28.17 1.51 0.00	26.05 1.35 0.00	26.93 1.42 0.00	28.11 1.58 0.00	28.78 1.84 0.00	35.42 2.23 0.00	38.46 2.50 0.00	35.51 2.48 0.00	36.39 2.63 0.00	40.04 2.91 0.00	39.33 2.91 0.00	47.74 3.51 0.00	44.93 3.23 0.00	49.75 3.32 0.00	42.87 2.88 0.00	41.51 2.77 0.00	47.03 3.01 0.00	48.12 3.06 0.00	59.50 2.86 -15.63	49.92 2.94 -0.69	36.17 2.14 0.00	25.02 1.50 0.00
KCE_NY_1 323755	33.30 1.86 0.00	29.29 1.57 0.00	28.15 1.49 0.00	26.10 1.40 0.00	26.97 1.46 0.00	28.06 1.53 0.00	28.50 1.57 0.00	35.22 2.03 0.00	38.23 2.27 0.00	34.93 1.90 0.00	35.54 1.79 0.00	39.17 2.04 0.00	38.54 2.13 0.00	47.06 2.83 0.00	44.62 2.92 0.00	49.76 3.33 0.00	42.97 2.97 0.00	41.70 2.96 0.00	47.86 3.84 0.00	48.85 3.80 0.00	85.61 3.67 -40.92	56.83 3.86 -6.67	36.42 2.38 0.00	25.03 1.51 0.00
KCE_NY_6_ESR 323823	30.53 -0.91 0.00	26.78 -0.94 0.00	25.79 -0.87 0.00	23.89 -0.80 0.00	24.69 -0.82 0.00	25.52 -1.01 0.00	25.82 -1.11 0.00	32.21 -0.98 0.00	34.98 -0.98 0.00	32.39 -0.63 0.00	33.23 -0.52 0.00	36.55 -0.58 0.00	36.15 -0.26 0.00	43.94 -0.29 0.00	42.07 0.36 0.00	47.24 0.81 0.00	40.73 0.73 0.00	39.20 0.45 0.00	44.09 0.05 0.00	44.77 -0.29 0.00	40.17 -0.86 0.00	45.98 -0.32 0.00	33.95 -0.09 0.00	23.17 -0.35 0.00
KEDC_PORT_JEFF_GT2 24210	34.23 2.57 -0.22	29.73 2.01 0.00	28.42 1.76 0.00	26.37 1.68 0.00	27.19 1.68 0.00	29.15 2.01 -0.60	35.15 2.31 -5.91	35.91 2.72 0.00	38.76 2.80 0.00	37.21 3.10 -1.09	38.38 3.21 -1.42	40.56 3.43 0.00	39.97 3.49 -0.08	47.97 3.74 0.00	44.68 2.98 0.00	49.27 2.84 0.00	42.88 2.89 0.00	41.84 3.10 0.00	47.25 3.23 0.00	48.29 3.23 0.00	60.52 3.12 -16.39	49.56 2.59 -0.67	36.19 2.15 0.00	25.16 1.64 0.00
KEDC_PORT_JEFF_GT3 24211	34.23 2.57 -0.22	29.73 2.01 0.00	28.42 1.76 0.00	26.37 1.68 0.00	27.19 1.68 0.00	29.15 2.01 -0.60	35.15 2.31 -5.91	35.91 2.72 0.00	38.76 2.80 0.00	37.21 3.10 -1.09	38.38 3.21 -1.42	40.56 3.43 0.00	39.97 3.49 -0.08	47.97 3.74 0.00	44.68 2.98 0.00	49.27 2.84 0.00	42.88 2.89 0.00	41.84 3.10 0.00	47.25 3.23 0.00	48.29 3.23 0.00	60.52 3.12 -16.39	49.56 2.59 -0.67	36.19 2.15 0.00	25.16 1.64 0.00
KEDC_GLWD_GT4 24219	34.38 2.72 -0.22	29.90 2.18 0.00	28.60 1.94 0.00	26.47 1.77 0.00	27.32 1.81 0.00	29.20 2.07 -0.60	35.23 2.39 -5.91	36.06 2.87 0.00	39.01 3.05 0.00	37.28 3.17 -1.09	38.51 3.34 -1.42	40.78 3.65 0.00	40.13 3.64 -0.08	48.20 3.97 0.00	45.17 3.46 0.00	49.86 3.43 0.00	43.04 3.05 0.00	42.12 3.38 0.00	47.49 3.46 0.00	48.29 3.24 0.00	60.85 3.44 -16.39	49.95 2.98 -0.67	36.37 2.33 0.00	25.36 1.84 0.00
KEDC_GLWD_GT5 24220	34.38 2.72 -0.22	29.90 2.18 0.00	28.60 1.94 0.00	26.47 1.77 0.00	27.32 1.81 0.00	29.20 2.07 -0.60	35.23 2.39 -5.91	36.06 2.87 0.00	39.01 3.05 0.00	37.28 3.17 -1.09	38.51 3.34 -1.42	40.78 3.65 0.00	40.13 3.64 -0.08	48.20 3.97 0.00	45.17 3.46 0.00	49.86 3.43 0.00	43.04 3.05 0.00	42.12 3.38 0.00	47.49 3.46 0.00	48.29 3.24 0.00	60.85 3.44 -16.39	49.95 2.98 -0.67	36.37 2.33 0.00	25.36 1.84 0.00

KENSICO____ 23655	33.48 2.04 0.00	29.34 1.63 0.00	28.11 1.46 0.00	25.99 1.29 0.00	26.87 1.36 0.00	28.06 1.52 0.00	28.73 1.80 0.00	35.35 2.16 0.00	38.38 2.42 0.00	35.42 2.39 0.00	36.27 2.52 0.00	39.87 2.74 0.00	39.12 2.71 0.00	47.45 3.22 0.00	44.64 2.94 0.00	49.41 2.99 0.00	42.58 2.59 0.00	41.26 2.52 0.00	46.70 2.67 0.00	47.77 2.72 0.00	60.12 2.58 -16.52	49.61 2.64 -0.67	36.00 1.97 0.00	24.93 1.41 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.40 1.96 0.00	29.26 1.55 0.00	28.00 1.34 0.00	25.89 1.19 0.00	26.76 1.25 0.00	27.90 1.38 0.00	28.56 1.63 0.00	35.18 1.99 0.00	38.25 2.29 0.00	35.33 2.30 0.00	36.23 2.48 0.00	39.88 2.74 0.00	39.08 2.67 0.00	47.22 2.99 0.00	44.51 2.81 0.00	49.38 2.95 0.00	42.60 2.61 0.00	41.22 2.48 0.00	46.67 2.65 0.00	47.75 2.69 0.00	57.37 2.51 -13.84	50.32 3.07 -0.95	36.23 2.19 0.00	25.01 1.50 0.00
KIAC_JFK_GT1 23816	33.83 2.39 0.00	29.62 1.90 0.00	28.36 1.71 0.00	26.19 1.49 0.00	27.08 1.57 0.00	28.27 1.74 0.00	28.99 2.06 0.00	35.69 2.50 0.00	38.81 2.85 0.00	35.81 2.78 0.00	36.71 2.96 0.00	40.33 3.20 0.00	39.58 3.17 0.00	48.03 3.80 0.00	45.10 3.39 0.00	49.89 3.47 0.00	42.99 2.99 0.00	41.66 2.92 0.00	47.14 3.11 0.00	48.20 3.14 0.00	60.35 2.96 -16.37	50.17 3.20 -0.67	36.44 2.40 0.00	25.23 1.71 0.00
KIAC_JFK_GT2 23817	33.83 2.39 0.00	29.62 1.90 0.00	28.36 1.71 0.00	26.19 1.49 0.00	27.08 1.57 0.00	28.27 1.74 0.00	28.99 2.06 0.00	35.69 2.50 0.00	38.81 2.85 0.00	35.81 2.78 0.00	36.71 2.96 0.00	40.33 3.20 0.00	39.58 3.17 0.00	48.03 3.80 0.00	45.10 3.39 0.00	49.89 3.47 0.00	42.99 2.99 0.00	41.66 2.92 0.00	47.14 3.11 0.00	48.20 3.14 0.00	60.35 2.96 -16.37	50.17 3.20 -0.67	36.44 2.40 0.00	25.23 1.71 0.00
KIAC_JFK____ 323774	33.86 2.42 0.00	29.62 1.91 0.00	28.36 1.71 0.00	26.19 1.49 0.00	27.08 1.57 0.00	28.27 1.74 0.00	28.99 2.06 0.00	35.69 2.50 0.00	38.81 2.85 0.00	35.81 2.78 0.00	36.71 2.96 0.00	40.33 3.20 0.00	39.58 3.16 0.00	48.03 3.80 0.00	45.10 3.40 0.00	49.89 3.46 0.00	42.98 2.99 0.00	41.66 2.92 0.00	47.14 3.11 0.00	48.19 3.14 0.00	60.35 2.96 -16.37	50.18 3.20 -0.67	36.43 2.40 0.00	25.23 1.71 0.00
KINTIGH____ 23543	30.17 -1.27 0.00	26.50 -1.22 0.00	25.53 -1.12 0.00	23.65 -1.05 0.00	24.44 -1.07 0.00	25.27 -1.26 0.00	25.53 -1.40 0.00	31.55 -1.64 0.00	34.22 -1.74 0.00	31.63 -1.40 0.00	32.44 -1.31 0.00	35.64 -1.49 0.00	35.16 -1.26 0.00	42.72 -1.51 0.00	40.85 -0.85 0.00	45.80 -0.63 0.00	39.51 -0.48 0.00	38.06 -0.68 0.00	42.86 -1.17 0.00	43.56 -1.49 0.00	39.23 -1.79 0.00	44.83 -1.47 0.00	33.11 -0.93 0.00	22.68 -0.85 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.14 1.70 0.00	29.21 1.49 0.00	28.04 1.38 0.00	25.97 1.27 0.00	26.73 1.23 0.00	27.58 1.05 0.00	27.99 1.06 0.00	34.20 1.01 0.00	36.92 0.95 0.00	33.67 0.64 0.00	34.32 0.57 0.00	37.63 0.49 0.00	36.95 0.54 0.00	44.89 0.66 0.00	42.09 0.38 0.00	47.19 0.76 0.00	40.23 0.24 0.00	39.13 0.39 0.00	44.88 0.85 0.00	46.27 1.21 0.00	42.52 1.50 0.00	48.54 2.24 0.00	35.68 1.64 0.00	24.66 1.15 0.00
LACHUTE__HYDRO 323717	35.87 4.43 0.00	31.43 3.71 0.00	30.18 3.52 0.00	27.96 3.26 0.00	28.87 3.36 0.00	30.04 3.51 0.00	30.42 3.49 0.00	37.50 4.31 0.00	40.47 4.52 0.00	36.54 3.51 0.00	37.22 3.47 0.00	40.97 3.84 0.00	40.31 3.90 0.00	49.68 5.45 0.00	47.55 5.85 0.00	53.25 6.83 0.00	45.66 5.67 0.00	44.66 5.91 0.00	52.09 8.06 0.00	52.06 7.00 0.00	89.74 6.67 -42.04	60.52 7.33 -6.89	38.61 4.57 0.00	26.53 3.01 0.00
LAWRNCAL_115KV_TB1 80681	30.83 -0.60 0.00	27.19 -0.52 0.00	26.18 -0.48 0.00	24.24 -0.46 0.00	25.00 -0.51 0.00	25.94 -0.59 0.00	26.31 -0.62 0.00	32.48 -0.71 0.00	34.99 -0.96 0.00	32.07 -0.96 0.00	32.67 -1.08 0.00	35.88 -1.25 0.00	35.02 -1.39 0.00	42.44 -1.79 0.00	39.85 -1.86 0.00	44.49 -1.94 0.00	37.99 -2.00 0.00	37.05 -1.69 0.00	42.20 -1.82 0.00	43.33 -1.73 0.00	39.53 -1.49 0.00	45.34 -0.96 0.00	33.40 -0.65 0.00	23.04 -0.48 0.00
LEDERLE____ 23769	33.49 2.05 0.00	29.36 1.64 0.00	28.13 1.47 0.00	26.00 1.30 0.00	26.89 1.38 0.00	28.07 1.55 0.00	28.76 1.83 0.00	35.39 2.21 0.00	38.48 2.52 0.00	35.52 2.49 0.00	36.38 2.63 0.00	40.00 2.86 0.00	39.20 2.78 0.00	47.50 3.26 0.00	44.69 2.99 0.00	49.45 3.02 0.00	42.63 2.64 0.00	41.30 2.56 0.00	46.73 2.70 0.00	47.81 2.75 0.00	63.27 2.60 -19.65	49.57 2.62 -0.65	35.97 1.93 0.00	24.90 1.38 0.00
LIGHTHSE_115KV_TB6 355974	31.06 -0.38 0.00	27.40 -0.31 0.00	26.30 -0.35 0.00	24.37 -0.32 0.00	25.20 -0.31 0.00	26.24 -0.29 0.00	26.59 -0.34 0.00	32.35 -0.84 0.00	34.98 -0.99 0.00	32.20 -0.83 0.00	32.91 -0.84 0.00	36.19 -0.95 0.00	35.61 -0.80 0.00	43.30 -0.93 0.00	41.13 -0.58 0.00	45.90 -0.53 0.00	39.75 -0.24 0.00	38.51 -0.23 0.00	43.79 -0.23 0.00	44.79 -0.27 0.00	40.73 -0.28 0.00	46.03 -0.27 0.00	33.67 -0.36 0.00	23.03 -0.49 0.00
LINDEN COGEN____ 23786	33.58 2.14 0.00	29.44 1.72 0.00	28.19 1.54 0.00	26.04 1.35 0.00	26.93 1.42 0.00	28.13 1.60 0.00	28.85 1.92 0.00	35.47 2.28 0.00	38.51 2.55 0.00	35.55 2.52 0.00	36.41 2.66 0.00	39.98 2.84 0.00	39.23 2.82 0.00	47.59 3.36 0.00	44.75 3.05 0.00	49.49 3.06 0.00	42.66 2.66 0.00	41.33 2.59 0.00	46.72 2.69 0.00	47.80 2.74 0.00	59.99 2.60 -16.37	49.66 2.69 -0.67	36.11 2.07 0.00	25.04 1.52 0.00
LINDHRST_69_KV_BK1 356055	34.61 2.95 -0.22	30.06 2.35 0.00	28.75 2.09 0.00	26.63 1.94 0.00	27.47 1.96 0.00	29.40 2.27 -0.60	35.45 2.61 -5.91	36.29 3.10 0.00	39.20 3.24 0.00	37.52 3.41 -1.08	38.71 3.54 -1.42	40.91 3.78 0.00	40.29 3.81 -0.07	48.46 4.23 0.00	45.47 3.77 0.00	50.17 3.75 0.00	43.33 3.34 0.00	42.23 3.49 0.00	47.73 3.71 0.00	48.82 3.76 0.00	61.09 3.67 -16.39	50.42 3.45 -0.67	36.78 2.74 0.00	25.49 1.97 0.00
LIPA_MISC_IPP 23656	34.11 2.45 -0.22	29.61 1.89 0.00	28.31 1.65 0.00	26.28 1.58 0.00	27.10 1.59 0.00	29.07 1.94 -0.60	35.09 2.25 -5.91	35.83 2.64 0.00	38.69 2.73 0.00	37.18 3.07 -1.08	38.32 3.14 -1.42	40.51 3.37 0.00	39.90 3.41 -0.07	47.90 3.67 0.00	44.82 3.12 0.00	49.47 3.04 0.00	42.88 2.89 0.00	41.84 3.10 0.00	47.24 3.22 0.00	48.32 3.26 0.00	60.59 3.18 -16.39	49.65 2.68 -0.67	36.14 2.10 0.00	25.10 1.59 0.00
LISF__SOLAR 323691	34.19 2.53 -0.22	29.69 1.97 0.00	28.37 1.71 0.00	26.33 1.64 0.00	27.16 1.65 0.00	29.12 1.99 -0.60	35.16 2.32 -5.91	35.90 2.72 0.00	38.77 2.81 0.00	37.25 3.14 -1.09	38.40 3.23 -1.42	40.60 3.46 0.00	39.96 3.48 -0.08	48.01 3.78 0.00	44.95 3.25 0.00	49.61 3.18 0.00	43.01 3.02 0.00	41.98 3.24 0.00	47.40 3.38 0.00	48.48 3.43 0.00	60.75 3.34 -16.39	49.82 2.85 -0.67	36.26 2.22 0.00	25.17 1.65 0.00

LITTLE FALLS___HYD 24013	32.04 0.60 0.00	28.16 0.44 0.00	27.07 0.41 0.00	25.09 0.40 0.00	25.94 0.43 0.00	27.05 0.52 0.00	27.41 0.48 0.00	33.48 0.29 0.00	35.98 0.01 0.00	32.77 -0.26 0.00	33.45 -0.30 0.00	36.97 -0.17 0.00	36.47 0.06 0.00	44.56 0.33 0.00	42.45 0.74 0.00	47.38 0.95 0.00	41.00 1.00 0.00	39.77 1.03 0.00	45.49 1.46 0.00	46.70 1.65 0.00	42.54 1.52 0.00	47.75 1.45 0.00	34.87 0.84 0.00	24.02 0.50 0.00
LITTLRIV_115KV_TB1 356100	31.22 -0.22 0.00	27.51 -0.21 0.00	26.50 -0.16 0.00	24.53 -0.16 0.00	25.30 -0.21 0.00	26.27 -0.27 0.00	26.64 -0.30 0.00	32.87 -0.31 0.00	35.29 -0.66 0.00	32.32 -0.71 0.00	32.90 -0.85 0.00	36.13 -1.01 0.00	35.25 -1.16 0.00	42.82 -1.41 0.00	40.15 -1.56 0.00	44.83 -1.60 0.00	38.34 -1.65 0.00	37.46 -1.28 0.00	42.67 -1.36 0.00	43.96 -1.10 0.00	40.18 -0.84 0.00	46.09 -0.20 0.00	33.92 -0.12 0.00	23.39 -0.13 0.00
LI_NEWBRDGE___DRP 323616	34.01 2.35 -0.22	29.59 1.87 0.00	28.31 1.65 0.00	26.21 1.52 0.00	27.06 1.55 0.00	28.93 1.80 -0.60	34.94 2.10 -5.91	35.66 2.47 0.00	38.52 2.56 0.00	36.83 2.72 -1.08	38.01 2.84 -1.42	40.17 3.03 0.00	39.53 3.05 -0.07	47.60 3.37 0.00	44.68 2.98 0.00	49.34 2.91 0.00	42.59 2.60 0.00	41.45 2.71 0.00	46.87 2.84 0.00	47.89 2.83 0.00	60.21 2.80 -16.39	49.50 2.53 -0.67	36.10 2.07 0.00	25.05 1.53 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.19 -1.25 0.00	26.46 -1.25 0.00	25.51 -1.15 0.00	23.62 -1.07 0.00	24.40 -1.10 0.00	25.16 -1.37 0.00	25.40 -1.54 0.00	31.51 -1.68 0.00	34.17 -1.79 0.00	31.63 -1.39 0.00	32.47 -1.28 0.00	35.69 -1.44 0.00	35.24 -1.17 0.00	42.87 -1.36 0.00	41.13 -0.57 0.00	46.14 -0.29 0.00	39.86 -0.14 0.00	38.43 -0.31 0.00	43.20 -0.83 0.00	43.82 -1.24 0.00	39.40 -1.63 0.00	45.12 -1.18 0.00	33.35 -0.69 0.00	22.85 -0.67 0.00
LOCKPORT___CC1 323769	30.14 -1.30 0.00	26.43 -1.29 0.00	25.48 -1.18 0.00	23.61 -1.09 0.00	24.38 -1.13 0.00	25.14 -1.39 0.00	25.37 -1.56 0.00	31.48 -1.71 0.00	34.14 -1.83 0.00	31.61 -1.41 0.00	32.44 -1.31 0.00	35.64 -1.50 0.00	35.22 -1.19 0.00	42.81 -1.42 0.00	41.05 -0.66 0.00	46.06 -0.37 0.00	39.78 -0.22 0.00	38.35 -0.40 0.00	43.09 -0.94 0.00	43.72 -1.34 0.00	39.31 -1.71 0.00	45.02 -1.28 0.00	33.30 -0.74 0.00	22.80 -0.72 0.00
LOCKPORT___CC2 323770	30.14 -1.30 0.00	26.43 -1.29 0.00	25.48 -1.18 0.00	23.61 -1.09 0.00	24.38 -1.13 0.00	25.14 -1.39 0.00	25.37 -1.56 0.00	31.48 -1.71 0.00	34.14 -1.83 0.00	31.61 -1.41 0.00	32.44 -1.31 0.00	35.64 -1.50 0.00	35.22 -1.19 0.00	42.81 -1.42 0.00	41.05 -0.66 0.00	46.06 -0.37 0.00	39.78 -0.22 0.00	38.35 -0.40 0.00	43.09 -0.94 0.00	43.72 -1.34 0.00	39.31 -1.71 0.00	45.02 -1.28 0.00	33.30 -0.74 0.00	22.80 -0.72 0.00
LOCKPORT___CC3 323771	30.14 -1.30 0.00	26.43 -1.29 0.00	25.48 -1.18 0.00	23.61 -1.09 0.00	24.38 -1.13 0.00	25.14 -1.39 0.00	25.37 -1.56 0.00	31.48 -1.71 0.00	34.14 -1.83 0.00	31.61 -1.41 0.00	32.44 -1.31 0.00	35.64 -1.50 0.00	35.22 -1.19 0.00	42.81 -1.42 0.00	41.05 -0.66 0.00	46.06 -0.37 0.00	39.78 -0.22 0.00	38.35 -0.40 0.00	43.09 -0.94 0.00	43.72 -1.34 0.00	39.31 -1.71 0.00	45.02 -1.28 0.00	33.30 -0.74 0.00	22.80 -0.72 0.00
LONG_LAKE_PHOENIX 24014	30.82 -0.62 0.00	27.22 -0.50 0.00	26.16 -0.50 0.00	24.24 -0.46 0.00	25.05 -0.46 0.00	26.07 -0.46 0.00	26.44 -0.49 0.00	32.15 -1.04 0.00	34.72 -1.24 0.00	31.91 -1.11 0.00	32.67 -1.08 0.00	35.98 -1.15 0.00	35.41 -1.00 0.00	43.07 -1.16 0.00	40.84 -0.86 0.00	45.62 -0.81 0.00	39.41 -0.59 0.00	38.18 -0.56 0.00	43.29 -0.74 0.00	44.22 -0.84 0.00	40.12 -0.90 0.00	45.26 -1.04 0.00	33.18 -0.86 0.00	22.78 -0.74 0.00
LOVETT___3 23632	33.28 1.84 0.00	29.19 1.47 0.00	27.96 1.31 0.00	25.85 1.15 0.00	26.73 1.22 0.00	27.91 1.38 0.00	28.59 1.66 0.00	35.16 1.96 0.00	38.20 2.24 0.00	35.24 2.21 0.00	36.08 2.33 0.00	39.63 2.50 0.00	38.81 2.40 0.00	46.99 2.76 0.00	44.21 2.51 0.00	48.91 2.48 0.00	42.16 2.17 0.00	40.87 2.12 0.00	46.25 2.22 0.00	47.32 2.26 0.00	62.17 2.16 -19.00	49.09 2.14 -0.65	35.64 1.60 0.00	24.70 1.18 0.00
LOVETT___4 23642	33.28 1.84 0.00	29.19 1.47 0.00	27.96 1.31 0.00	25.85 1.15 0.00	26.73 1.22 0.00	27.91 1.38 0.00	28.59 1.66 0.00	35.16 1.96 0.00	38.20 2.24 0.00	35.24 2.21 0.00	36.08 2.33 0.00	39.63 2.50 0.00	38.81 2.40 0.00	46.99 2.76 0.00	44.21 2.51 0.00	48.91 2.48 0.00	42.16 2.17 0.00	40.87 2.12 0.00	46.25 2.22 0.00	47.32 2.26 0.00	62.17 2.16 -19.00	49.09 2.14 -0.65	35.64 1.60 0.00	24.70 1.18 0.00
LOVETT___5 23593	33.28 1.84 0.00	29.19 1.47 0.00	27.96 1.31 0.00	25.85 1.15 0.00	26.73 1.22 0.00	27.91 1.38 0.00	28.59 1.66 0.00	35.16 1.96 0.00	38.20 2.24 0.00	35.24 2.21 0.00	36.08 2.33 0.00	39.63 2.50 0.00	38.81 2.40 0.00	46.99 2.76 0.00	44.21 2.51 0.00	48.91 2.48 0.00	42.16 2.17 0.00	40.87 2.12 0.00	46.25 2.22 0.00	47.32 2.26 0.00	62.17 2.16 -19.00	49.09 2.14 -0.65	35.64 1.60 0.00	24.70 1.18 0.00
LOWER RAQUET___HYD 24057	30.71 -0.73 0.00	27.07 -0.65 0.00	26.07 -0.60 0.00	24.13 -0.56 0.00	24.88 -0.63 0.00	25.82 -0.71 0.00	26.20 -0.74 0.00	32.33 -0.86 0.00	34.82 -1.14 0.00	31.91 -1.12 0.00	32.51 -1.25 0.00	35.70 -1.43 0.00	34.85 -1.56 0.00	42.25 -1.98 0.00	39.67 -2.03 0.00	44.31 -2.12 0.00	37.86 -2.14 0.00	36.93 -1.81 0.00	42.09 -1.93 0.00	43.24 -1.82 0.00	39.45 -1.57 0.00	45.22 -1.08 0.00	33.29 -0.75 0.00	22.95 -0.57 0.00
LOWER___HUDSON 24059	32.65 1.21 0.00	28.77 1.06 0.00	27.72 1.06 0.00	25.68 0.98 0.00	26.54 1.03 0.00	27.58 1.05 0.00	27.97 1.03 0.00	34.37 1.18 0.00	37.20 1.24 0.00	34.04 1.02 0.00	34.74 0.99 0.00	38.29 1.15 0.00	37.63 1.21 0.00	45.91 1.68 0.00	43.44 1.73 0.00	48.24 1.81 0.00	41.54 1.55 0.00	40.31 1.57 0.00	46.09 2.06 0.00	47.24 2.18 0.00	79.66 2.18 -36.47	54.33 2.23 -5.80	35.38 1.34 0.00	24.43 0.91 0.00
LOWVILLE_115KV_TB2 356335	31.73 0.29 0.00	27.92 0.20 0.00	26.80 0.14 0.00	24.83 0.13 0.00	25.66 0.15 0.00	26.74 0.20 0.00	27.12 0.19 0.00	33.13 -0.06 0.00	35.86 -0.10 0.00	32.97 -0.05 0.00	33.71 -0.05 0.00	37.11 -0.03 0.00	36.52 0.11 0.00	44.48 0.25 0.00	42.16 0.46 0.00	46.96 0.53 0.00	40.76 0.76 0.00	39.57 0.83 0.00	45.19 1.16 0.00	46.36 1.30 0.00	42.18 1.16 0.00	47.60 1.30 0.00	34.78 0.74 0.00	23.68 0.16 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.28 1.84 0.00	29.27 1.55 0.00	28.15 1.49 0.00	26.08 1.38 0.00	26.95 1.44 0.00	28.05 1.52 0.00	28.47 1.54 0.00	35.20 2.01 0.00	38.21 2.25 0.00	34.91 1.88 0.00	35.53 1.78 0.00	39.16 2.02 0.00	38.52 2.11 0.00	47.01 2.77 0.00	44.58 2.87 0.00	49.71 3.28 0.00	42.91 2.92 0.00	41.66 2.92 0.00	47.79 3.76 0.00	48.81 3.75 0.00	85.58 3.64 -40.92	56.79 3.82 -6.67	36.42 2.38 0.00	25.02 1.50 0.00

LUTHERNY_35_KV_BK2 355980	33.30 1.86 0.00	29.29 1.57 0.00	28.15 1.49 0.00	26.10 1.40 0.00	26.97 1.46 0.00	28.06 1.53 0.00	28.50 1.57 0.00	35.22 2.03 0.00	38.23 2.27 0.00	34.93 1.90 0.00	35.54 1.79 0.00	39.17 2.04 0.00	38.54 2.13 0.00	47.06 2.83 0.00	44.62 2.91 0.00	49.76 3.33 0.00	42.97 2.97 0.00	41.70 2.96 0.00	47.86 3.84 0.00	48.86 3.80 0.00	85.61 3.67 -40.92	56.83 3.86 -6.67	36.42 2.38 0.00	25.03 1.51 0.00
LWR___OSWEGATCHIE_HYD 23850	30.90 -0.54 0.00	27.21 -0.50 0.00	26.15 -0.51 0.00	24.22 -0.47 0.00	25.00 -0.51 0.00	26.00 -0.53 0.00	26.38 -0.56 0.00	32.36 -0.83 0.00	34.96 -1.00 0.00	32.10 -0.93 0.00	32.80 -0.95 0.00	36.12 -1.02 0.00	35.37 -1.04 0.00	43.06 -1.17 0.00	40.74 -0.97 0.00	45.42 -1.00 0.00	39.16 -0.83 0.00	38.17 -0.57 0.00	43.57 -0.46 0.00	44.72 -0.34 0.00	40.74 -0.28 0.00	46.14 -0.16 0.00	33.77 -0.27 0.00	23.09 -0.43 0.00
LYONS_FALL_HYD 23570	31.90 0.46 0.00	28.07 0.35 0.00	26.95 0.29 0.00	24.96 0.27 0.00	25.81 0.30 0.00	26.89 0.36 0.00	27.31 0.38 0.00	33.42 0.23 0.00	36.19 0.23 0.00	33.27 0.24 0.00	33.98 0.24 0.00	37.44 0.30 0.00	36.83 0.42 0.00	44.86 0.63 0.00	42.49 0.79 0.00	47.38 0.95 0.00	41.07 1.08 0.00	39.84 1.10 0.00	45.42 1.39 0.00	46.55 1.49 0.00	42.33 1.31 0.00	47.75 1.45 0.00	34.90 0.86 0.00	23.85 0.33 0.00
MADISON___COUNTY_LFGE 323628	32.22 0.78 0.00	28.36 0.64 0.00	27.23 0.57 0.00	25.23 0.54 0.00	26.08 0.57 0.00	27.19 0.66 0.00	27.66 0.72 0.00	33.86 0.67 0.00	36.67 0.71 0.00	33.63 0.60 0.00	34.33 0.58 0.00	37.86 0.73 0.00	37.27 0.86 0.00	45.41 1.18 0.00	43.05 1.35 0.00	48.12 1.69 0.00	41.82 1.83 0.00	40.48 1.74 0.00	46.04 2.01 0.00	47.08 2.02 0.00	42.76 1.74 0.00	48.22 1.92 0.00	35.26 1.22 0.00	24.13 0.61 0.00
MALONE___115KV_TB1 356076	31.94 0.50 0.00	28.13 0.42 0.00	27.04 0.38 0.00	25.04 0.35 0.00	25.79 0.28 0.00	26.71 0.18 0.00	27.12 0.19 0.00	33.41 0.22 0.00	36.09 0.13 0.00	32.99 -0.04 0.00	33.63 -0.12 0.00	36.94 -0.20 0.00	36.10 -0.31 0.00	43.76 -0.47 0.00	41.04 -0.67 0.00	45.96 -0.47 0.00	39.36 -0.63 0.00	38.35 -0.39 0.00	43.82 -0.21 0.00	45.04 -0.02 0.00	41.15 0.14 0.00	46.95 0.65 0.00	34.56 0.52 0.00	23.86 0.34 0.00
MAPLEWOD_115KV_TB3 80458	32.45 1.01 0.00	28.56 0.84 0.00	27.52 0.86 0.00	25.49 0.79 0.00	26.33 0.83 0.00	27.39 0.86 0.00	27.79 0.85 0.00	34.10 0.91 0.00	36.91 0.95 0.00	33.84 0.82 0.00	34.59 0.84 0.00	38.13 0.99 0.00	37.48 1.08 0.00	45.72 1.49 0.00	43.25 1.55 0.00	48.05 1.63 0.00	41.41 1.41 0.00	40.14 1.40 0.00	45.77 1.74 0.00	46.93 1.87 0.00	73.54 1.82 -30.70	52.87 1.83 -4.74	35.15 1.11 0.00	24.28 0.76 0.00
MAPLE_RIDGE_WT_1 323574	31.23 -0.21 0.00	27.53 -0.19 0.00	26.50 -0.16 0.00	24.55 -0.15 0.00	25.34 -0.17 0.00	26.32 -0.21 0.00	26.70 -0.24 0.00	32.88 -0.30 0.00	35.50 -0.45 0.00	32.64 -0.39 0.00	33.31 -0.44 0.00	36.60 -0.54 0.00	35.79 -0.62 0.00	43.46 -0.77 0.00	40.89 -0.81 0.00	45.61 -0.82 0.00	39.21 -0.78 0.00	38.03 -0.71 0.00	43.26 -0.77 0.00	44.28 -0.77 0.00	40.25 -0.77 0.00	45.60 -0.70 0.00	33.42 -0.62 0.00	22.98 -0.54 0.00
MAPLE_RIDGE_WT_2 323611	31.23 -0.21 0.00	27.53 -0.19 0.00	26.50 -0.16 0.00	24.55 -0.15 0.00	25.34 -0.17 0.00	26.32 -0.21 0.00	26.70 -0.24 0.00	32.88 -0.30 0.00	35.50 -0.45 0.00	32.64 -0.39 0.00	33.31 -0.44 0.00	36.60 -0.54 0.00	35.79 -0.62 0.00	43.46 -0.77 0.00	40.89 -0.81 0.00	45.61 -0.82 0.00	39.21 -0.78 0.00	38.03 -0.71 0.00	43.26 -0.77 0.00	44.28 -0.77 0.00	40.25 -0.77 0.00	45.60 -0.70 0.00	33.42 -0.62 0.00	22.98 -0.54 0.00
MARBLE_RIVER_WT_PWR 323696	32.23 0.80 0.00	28.39 0.67 0.00	27.30 0.64 0.00	25.28 0.59 0.00	26.04 0.53 0.00	26.91 0.38 0.00	27.33 0.39 0.00	33.54 0.36 0.00	36.23 0.27 0.00	33.10 0.07 0.00	33.76 0.01 0.00	37.07 -0.07 0.00	36.26 -0.15 0.00	43.99 -0.23 0.00	41.23 -0.47 0.00	46.19 -0.24 0.00	39.54 -0.45 0.00	38.45 -0.28 0.00	43.95 -0.08 0.00	45.24 0.18 0.00	41.42 0.40 0.00	47.15 0.85 0.00	34.71 0.68 0.00	24.01 0.49 0.00
MARSHVLE_115KV_TB1 80742	33.41 1.97 0.00	29.36 1.64 0.00	28.18 1.52 0.00	26.10 1.40 0.00	26.98 1.46 0.00	28.09 1.56 0.00	28.78 1.85 0.00	35.29 2.10 0.00	38.12 2.16 0.00	34.89 1.86 0.00	35.57 1.82 0.00	38.79 1.65 0.00	37.65 1.24 0.00	45.67 1.44 0.00	43.44 1.74 0.00	48.94 2.52 0.00	42.44 2.45 0.00	41.10 2.35 0.00	46.73 2.70 0.00	47.89 2.83 0.00	80.04 2.53 -36.49	55.44 2.94 -6.20	36.14 2.10 0.00	24.86 1.35 0.00
MARSH_HILL_WT_PWR 323713	31.50 0.06 0.00	27.61 -0.10 0.00	26.53 -0.13 0.00	24.63 -0.06 0.00	25.48 -0.03 0.00	26.47 -0.05 0.00	26.89 -0.04 0.00	33.03 -0.16 0.00	36.17 0.21 0.00	33.25 0.23 0.00	34.03 0.28 0.00	37.41 0.27 0.00	36.96 0.55 0.00	44.94 0.71 0.00	42.90 1.19 0.00	47.96 1.53 0.00	41.42 1.43 0.00	39.48 0.74 0.00	44.39 0.37 0.00	45.45 0.39 0.00	40.70 -0.32 0.00	46.53 0.23 0.00	34.45 0.41 0.00	23.61 0.09 0.00
MCINTYRE_115KV_TB2 80467	31.56 0.12 0.00	27.81 0.09 0.00	26.80 0.14 0.00	24.81 0.11 0.00	25.58 0.07 0.00	26.56 0.03 0.00	26.94 0.00 0.00	33.22 0.03 0.00	35.58 -0.38 0.00	32.55 -0.47 0.00	33.11 -0.64 0.00	36.36 -0.77 0.00	35.45 -0.96 0.00	43.06 -1.17 0.00	40.36 -1.34 0.00	45.06 -1.37 0.00	38.53 -1.46 0.00	37.71 -1.03 0.00	42.87 -1.16 0.00	44.32 -0.74 0.00	40.56 -0.46 0.00	46.57 0.28 0.00	34.30 0.26 0.00	23.66 0.14 0.00
MECO_____69_KV_BK1 80468	34.75 3.32 0.00	30.47 2.75 0.00	29.24 2.58 0.00	27.06 2.36 0.00	27.97 2.46 0.00	29.18 2.65 0.00	29.80 2.86 0.00	35.92 2.73 0.00	38.38 2.42 0.00	34.41 1.38 0.00	35.10 1.35 0.00	37.61 0.48 0.00	36.80 0.39 0.00	45.19 0.96 0.00	43.06 1.36 0.00	49.30 2.87 0.00	43.72 3.73 0.00	42.90 4.16 0.00	49.42 5.40 0.00	50.68 5.62 0.00	84.86 5.07 -38.77	58.51 5.66 -6.56	37.87 3.83 0.00	25.93 2.41 0.00
MENANDS___115KV_TB5 355628	32.24 0.79 0.00	28.38 0.66 0.00	27.35 0.69 0.00	25.34 0.64 0.00	26.18 0.67 0.00	27.22 0.69 0.00	27.61 0.67 0.00	33.88 0.69 0.00	36.67 0.70 0.00	33.62 0.59 0.00	34.38 0.62 0.00	37.89 0.76 0.00	37.25 0.84 0.00	45.42 1.19 0.00	42.94 1.24 0.00	47.65 1.22 0.00	41.04 1.05 0.00	39.77 1.03 0.00	45.37 1.34 0.00	46.49 1.43 0.00	72.13 1.44 -29.68	52.26 1.41 -4.55	34.85 0.81 0.00	24.09 0.57 0.00
MG INDUSTRY___DRP 24185	32.27 0.83 0.00	28.38 0.66 0.00	27.33 0.67 0.00	25.34 0.64 0.00	26.17 0.66 0.00	27.22 0.69 0.00	27.59 0.65 0.00	33.79 0.60 0.00	36.47 0.51 0.00	33.37 0.34 0.00	34.06 0.31 0.00	37.50 0.37 0.00	36.83 0.42 0.00	44.91 0.69 0.00	42.52 0.82 0.00	47.29 0.86 0.00	40.83 0.83 0.00	39.59 0.85 0.00	45.19 1.17 0.00	46.36 1.31 0.00	62.82 1.30 -20.50	50.40 1.30 -2.80	34.81 0.77 0.00	24.06 0.54 0.00

MID___OSWEGATCHIE_HYD 23849	30.90 -0.54 0.00	27.21 -0.50 0.00	26.15 -0.51 0.00	24.22 -0.47 0.00	25.00 -0.51 0.00	26.00 -0.53 0.00	26.38 -0.56 0.00	32.36 -0.83 0.00	34.96 -1.00 0.00	32.10 -0.93 0.00	32.80 -0.95 0.00	36.12 -1.02 0.00	35.37 -1.04 0.00	43.06 -1.17 0.00	40.74 -0.97 0.00	45.42 -1.00 0.00	39.16 -0.83 0.00	38.17 -0.57 0.00	43.57 -0.46 0.00	44.72 -0.34 0.00	40.74 -0.28 0.00	46.14 -0.16 0.00	33.77 -0.27 0.00	23.09 -0.43 0.00
MID___RAQUETTE_HYD 23851	30.71 -0.73 0.00	27.07 -0.65 0.00	26.07 -0.60 0.00	24.13 -0.56 0.00	24.88 -0.63 0.00	25.82 -0.71 0.00	26.19 -0.74 0.00	32.33 -0.86 0.00	34.82 -1.14 0.00	31.91 -1.12 0.00	32.50 -1.25 0.00	35.70 -1.43 0.00	34.85 -1.56 0.00	42.25 -1.98 0.00	39.67 -2.03 0.00	44.31 -2.12 0.00	37.86 -2.14 0.00	36.93 -1.81 0.00	42.09 -1.94 0.00	43.24 -1.82 0.00	39.45 -1.57 0.00	45.22 -1.08 0.00	33.29 -0.75 0.00	22.95 -0.57 0.00
MILLIKEN___1 23584	31.93 0.50 0.00	28.12 0.41 0.00	27.03 0.37 0.00	25.06 0.36 0.00	25.92 0.40 0.00	27.01 0.48 0.00	27.41 0.47 0.00	33.59 0.40 0.00	36.34 0.37 0.00	33.28 0.26 0.00	33.98 0.23 0.00	37.49 0.35 0.00	36.93 0.52 0.00	45.01 0.78 0.00	42.85 1.15 0.00	47.73 1.30 0.00	41.29 1.30 0.00	39.92 1.18 0.00	45.27 1.24 0.00	46.24 1.19 0.00	42.73 0.77 -0.94	47.38 0.91 -0.17	34.64 0.60 0.00	23.75 0.23 0.00
MILLIKEN___2 23585	31.93 0.50 0.00	28.12 0.41 0.00	27.03 0.37 0.00	25.06 0.36 0.00	25.92 0.40 0.00	27.01 0.48 0.00	27.41 0.47 0.00	33.59 0.40 0.00	36.34 0.37 0.00	33.28 0.26 0.00	33.98 0.23 0.00	37.49 0.35 0.00	36.93 0.52 0.00	45.01 0.78 0.00	42.85 1.15 0.00	47.73 1.30 0.00	41.29 1.30 0.00	39.92 1.18 0.00	45.27 1.24 0.00	46.24 1.19 0.00	42.73 0.77 -0.94	47.38 0.91 -0.17	34.64 0.60 0.00	23.75 0.23 0.00
MILLIKEN___DIESEL 23629	31.93 0.50 0.00	28.12 0.41 0.00	27.03 0.37 0.00	25.06 0.36 0.00	25.92 0.40 0.00	27.01 0.48 0.00	27.41 0.47 0.00	33.59 0.40 0.00	36.34 0.37 0.00	33.28 0.26 0.00	33.98 0.23 0.00	37.49 0.35 0.00	36.93 0.52 0.00	45.01 0.78 0.00	42.85 1.15 0.00	47.73 1.30 0.00	41.29 1.30 0.00	39.92 1.18 0.00	45.27 1.24 0.00	46.24 1.19 0.00	42.73 0.77 -0.94	47.38 0.91 -0.17	34.64 0.60 0.00	23.75 0.23 0.00
MILLSEAT___LFGE 323607	30.84 -0.59 0.00	27.04 -0.67 0.00	26.04 -0.62 0.00	24.11 -0.59 0.00	24.91 -0.60 0.00	25.74 -0.80 0.00	26.04 -0.90 0.00	32.28 -0.91 0.00	34.96 -1.00 0.00	32.32 -0.70 0.00	33.18 -0.57 0.00	36.48 -0.65 0.00	36.09 -0.32 0.00	43.98 -0.26 0.00	42.16 0.45 0.00	47.34 0.91 0.00	40.99 1.00 0.00	39.60 0.85 0.00	44.59 0.56 0.00	45.23 0.17 0.00	40.68 -0.34 0.00	46.47 0.16 0.00	34.24 0.20 0.00	23.39 -0.13 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.38 1.94 0.00	29.27 1.56 0.00	28.05 1.39 0.00	25.94 1.24 0.00	26.81 1.30 0.00	27.98 1.45 0.00	28.66 1.73 0.00	35.25 2.06 0.00	38.27 2.31 0.00	35.31 2.29 0.00	36.17 2.42 0.00	39.76 2.63 0.00	39.01 2.60 0.00	47.31 3.08 0.00	44.52 2.81 0.00	49.28 2.85 0.00	42.48 2.48 0.00	41.15 2.41 0.00	46.58 2.56 0.00	47.66 2.60 0.00	60.24 2.46 -16.76	49.49 2.52 -0.67	35.91 1.88 0.00	24.87 1.35 0.00
MILLWOOD_13_KV_LOAD 356217	33.50 2.06 0.00	29.36 1.64 0.00	28.14 1.48 0.00	26.01 1.31 0.00	26.89 1.38 0.00	28.07 1.54 0.00	28.75 1.81 0.00	35.38 2.18 0.00	38.41 2.45 0.00	35.45 2.42 0.00	36.31 2.56 0.00	39.92 2.79 0.00	39.18 2.77 0.00	47.53 3.29 0.00	44.71 3.01 0.00	49.51 3.08 0.00	42.65 2.65 0.00	41.32 2.58 0.00	46.78 2.75 0.00	47.85 2.78 0.00	60.44 2.66 -16.76	49.67 2.70 -0.67	36.04 2.01 0.00	24.95 1.43 0.00
MODEL_CITY_ENERGY 24167	29.85 -1.59 0.00	26.17 -1.54 0.00	25.24 -1.41 0.00	23.38 -1.31 0.00	24.16 -1.35 0.00	24.89 -1.64 0.00	25.11 -1.83 0.00	31.12 -2.07 0.00	33.75 -2.21 0.00	31.26 -1.76 0.00	32.08 -1.67 0.00	35.23 -1.90 0.00	34.81 -1.61 0.00	42.30 -1.93 0.00	40.58 -1.13 0.00	45.51 -0.93 0.00	39.30 -0.70 0.00	37.88 -0.86 0.00	42.56 -1.47 0.00	43.18 -1.88 0.00	38.84 -2.19 0.00	44.50 -1.80 0.00	32.94 -1.10 0.00	22.59 -0.93 0.00
MODERN_LFGE___ 323580	29.85 -1.59 0.00	26.17 -1.54 0.00	25.24 -1.41 0.00	23.38 -1.31 0.00	24.16 -1.35 0.00	24.89 -1.64 0.00	25.11 -1.83 0.00	31.12 -2.07 0.00	33.75 -2.21 0.00	31.26 -1.76 0.00	32.08 -1.67 0.00	35.23 -1.90 0.00	34.81 -1.61 0.00	42.30 -1.93 0.00	40.58 -1.13 0.00	45.51 -0.93 0.00	39.30 -0.70 0.00	37.88 -0.86 0.00	42.56 -1.47 0.00	43.18 -1.88 0.00	38.84 -2.19 0.00	44.50 -1.80 0.00	32.94 -1.10 0.00	22.59 -0.93 0.00
MOHAWK_PAPER___DRP 24187	32.45 1.01 0.00	28.56 0.84 0.00	27.52 0.86 0.00	25.49 0.79 0.00	26.33 0.83 0.00	27.39 0.86 0.00	27.79 0.85 0.00	34.10 0.91 0.00	36.91 0.95 0.00	33.84 0.82 0.00	34.59 0.84 0.00	38.13 0.99 0.00	37.48 1.08 0.00	45.72 1.49 0.00	43.25 1.55 0.00	48.05 1.63 0.00	41.41 1.41 0.00	40.14 1.40 0.00	45.77 1.74 0.00	46.93 1.87 0.00	73.54 1.82 -30.70	52.87 1.83 -4.74	35.15 1.11 0.00	24.28 0.76 0.00
MOHICAN___35_KV_115KV_LD 80490	33.99 2.55 0.00	29.86 2.15 0.00	28.71 2.05 0.00	26.59 1.90 0.00	27.49 1.98 0.00	28.60 2.07 0.00	29.03 2.09 0.00	35.88 2.69 0.00	38.90 2.93 0.00	35.43 2.40 0.00	35.98 2.23 0.00	39.65 2.52 0.00	38.97 2.56 0.00	47.59 3.36 0.00	45.24 3.54 0.00	50.52 4.10 0.00	43.58 3.58 0.00	42.41 3.67 0.00	49.00 4.97 0.00	49.77 4.71 0.00	87.50 4.63 -41.85	58.02 4.87 -6.85	37.00 2.96 0.00	25.30 1.78 0.00
MONGAUP___HYD 23641	33.25 1.81 0.00	29.16 1.44 0.00	27.94 1.28 0.00	25.84 1.15 0.00	26.70 1.19 0.00	27.85 1.32 0.00	28.45 1.51 0.00	34.98 1.79 0.00	37.85 1.89 0.00	34.82 1.79 0.00	35.76 2.01 0.00	39.43 2.30 0.00	38.66 2.25 0.00	46.75 2.52 0.00	44.20 2.49 0.00	48.96 2.53 0.00	42.46 2.46 0.00	41.16 2.42 0.00	46.59 2.56 0.00	47.71 2.65 0.00	4.69 2.60 38.93	50.91 3.97 -0.64	36.84 2.81 0.00	25.41 1.90 0.00
MONTAUK___DIESEL 23721	34.72 3.06 -0.22	30.16 2.44 0.00	28.84 2.19 0.00	26.89 2.19 0.00	27.99 2.48 0.00	30.18 3.05 -0.60	36.36 3.52 -5.91	37.53 4.34 0.00	40.71 4.76 0.00	39.13 5.02 -1.08	40.23 5.05 -1.42	42.60 5.47 0.00	41.69 5.20 -0.07	49.64 5.41 0.00	46.22 4.52 0.00	51.37 4.95 0.00	44.55 4.56 0.00	43.39 4.65 0.00	48.62 4.59 0.00	49.97 4.91 0.00	62.11 4.70 -16.39	50.93 3.96 -0.67	36.86 2.83 0.00	25.87 2.35 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.19 -0.25 0.00	27.32 -0.40 0.00	26.28 -0.38 0.00	24.41 -0.28 0.00	25.24 -0.27 0.00	26.21 -0.32 0.00	26.72 -0.21 0.00	33.43 0.24 0.00	36.46 0.50 0.00	33.70 0.67 0.00	34.51 0.77 0.00	38.14 1.00 0.00	37.64 1.23 0.00	45.76 1.53 0.00	43.82 2.12 0.00	49.06 2.62 0.00	42.27 2.27 0.00	40.63 1.89 0.00	45.72 1.69 0.00	46.50 1.44 0.00	41.62 0.60 0.00	47.67 1.37 0.00	35.16 1.13 0.00	23.89 0.37 0.00

MORTIMER_115KV_TB3 55949	30.91 -0.52 0.00	27.17 -0.55 0.00	26.14 -0.52 0.00	24.20 -0.50 0.00	25.01 -0.50 0.00	25.93 -0.60 0.00	26.24 -0.69 0.00	32.31 -0.88 0.00	34.99 -0.97 0.00	32.31 -0.72 0.00	33.19 -0.57 0.00	36.54 -0.59 0.00	36.07 -0.34 0.00	43.95 -0.29 0.00	41.94 0.23 0.00	47.03 0.60 0.00	40.62 0.63 0.00	39.18 0.43 0.00	44.22 0.19 0.00	44.95 -0.11 0.00	40.55 -0.47 0.00	46.10 -0.19 0.00	33.90 -0.13 0.00	23.19 -0.33 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.69 2.25 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.13 1.44 0.00	27.02 1.51 0.00	28.22 1.69 0.00	28.92 1.99 0.00	35.58 2.40 0.00	38.65 2.69 0.00	35.68 2.66 0.00	36.54 2.80 0.00	40.15 3.02 0.00	39.40 2.99 0.00	47.80 3.57 0.00	44.95 3.24 0.00	49.72 3.30 0.00	42.86 2.87 0.00	41.52 2.78 0.00	46.95 2.93 0.00	48.02 2.97 0.00	60.19 2.80 -16.37	49.90 2.93 -0.67	36.25 2.21 0.00	25.11 1.59 0.00
MUNSVILLE_WIND_PWR 323609	33.74 2.30 0.00	29.63 1.91 0.00	28.44 1.78 0.00	26.35 1.66 0.00	27.26 1.75 0.00	28.48 1.95 0.00	29.00 2.06 0.00	36.46 3.27 0.00	39.31 3.36 0.00	35.62 2.59 0.00	36.44 2.69 0.00	39.93 2.79 0.00	38.96 2.55 0.00	47.60 3.37 0.00	45.70 4.00 0.00	50.97 4.54 0.00	43.77 3.77 0.00	42.34 3.59 0.00	48.24 4.22 0.00	49.23 4.17 0.00	46.64 3.43 -2.19	50.36 3.66 -0.40	36.53 2.49 0.00	25.09 1.57 0.00
N SALMON___HYD 24042	31.94 0.50 0.00	28.13 0.42 0.00	27.04 0.38 0.00	25.04 0.35 0.00	25.79 0.28 0.00	26.71 0.18 0.00	27.12 0.19 0.00	33.41 0.22 0.00	36.09 0.13 0.00	32.99 -0.04 0.00	33.63 -0.12 0.00	36.94 -0.20 0.00	36.10 -0.31 0.00	43.76 -0.47 0.00	41.04 -0.67 0.00	45.96 -0.47 0.00	39.36 -0.63 0.00	38.35 -0.39 0.00	43.82 -0.21 0.00	45.04 -0.01 0.00	41.16 0.14 0.00	46.95 0.65 0.00	34.56 0.52 0.00	23.86 0.34 0.00
N.AKRON___115KV_KNAPP 355671	30.70 -0.73 0.00	26.91 -0.80 0.00	25.92 -0.74 0.00	24.00 -0.69 0.00	24.80 -0.71 0.00	25.61 -0.92 0.00	25.89 -1.04 0.00	32.12 -1.07 0.00	34.83 -1.13 0.00	32.21 -0.81 0.00	33.06 -0.69 0.00	36.37 -0.76 0.00	35.93 -0.48 0.00	43.77 -0.46 0.00	41.99 0.28 0.00	47.11 0.68 0.00	40.76 0.76 0.00	39.35 0.61 0.00	44.27 0.24 0.00	44.91 -0.15 0.00	40.38 -0.65 0.00	46.17 -0.13 0.00	34.05 0.01 0.00	23.28 -0.24 0.00
N.BELMOR_69_KV_BK1 55787	34.37 2.71 -0.22	29.88 2.16 0.00	28.58 1.92 0.00	26.46 1.76 0.00	27.30 1.79 0.00	29.19 2.06 -0.60	35.22 2.38 -5.91	36.01 2.82 0.00	38.93 2.97 0.00	37.22 3.11 -1.08	38.41 3.24 -1.42	40.63 3.50 0.00	40.00 3.51 -0.07	48.10 3.87 0.00	45.19 3.49 0.00	49.90 3.47 0.00	43.07 3.07 0.00	41.95 3.21 0.00	47.41 3.38 0.00	48.44 3.38 0.00	60.79 3.38 -16.39	50.10 3.13 -0.67	36.55 2.51 0.00	25.33 1.81 0.00
N.E_GEN_SANDY PD 24062	32.71 1.26 0.00	28.78 1.06 0.00	27.70 1.04 0.00	25.63 0.94 0.00	26.50 0.99 0.00	27.79 1.03 -0.23	28.02 1.09 0.00	34.40 1.22 0.00	37.25 1.29 0.00	34.16 1.14 0.00	34.94 1.19 0.00	38.50 1.36 0.00	37.80 1.38 0.00	49.33 1.86 -3.24	43.52 1.82 0.00	49.33 1.77 -1.13	40.78 1.44 0.65	40.15 1.43 0.01	49.51 1.80 -3.69	47.00 1.94 0.00	60.32 1.95 -17.35	48.38 1.97 -0.12	36.26 1.22 -1.01	24.41 0.89 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.35 1.91 0.00	29.25 1.53 0.00	28.02 1.36 0.00	25.90 1.20 0.00	26.78 1.27 0.00	27.96 1.43 0.00	28.65 1.71 0.00	35.23 2.04 0.00	38.29 2.33 0.00	35.32 2.30 0.00	36.18 2.43 0.00	39.76 2.63 0.00	38.96 2.55 0.00	47.19 2.96 0.00	44.40 2.69 0.00	49.11 2.68 0.00	42.33 2.34 0.00	41.03 2.29 0.00	46.42 2.40 0.00	47.50 2.44 0.00	62.74 2.32 -19.40	49.27 2.32 -0.65	35.76 1.72 0.00	24.77 1.25 0.00
N.QUEENS_27_KV_LOAD 356247	33.66 2.21 -0.01	29.60 1.89 0.00	28.41 1.75 0.00	26.24 1.54 0.00	27.15 1.64 0.00	28.38 1.85 0.00	29.09 2.16 0.00	35.74 2.55 0.00	38.83 2.86 0.00	35.89 2.87 0.00	36.70 2.95 0.00	40.30 3.17 0.00	39.63 3.22 0.00	48.01 3.78 0.00	44.99 3.29 0.00	49.72 3.29 0.00	42.82 2.83 0.00	41.51 2.77 0.00	47.04 3.01 0.00	48.09 3.04 0.00	60.36 2.97 -16.37	50.04 3.07 -0.67	36.45 2.41 0.00	25.29 1.77 0.00
N.TROY___115KV_TB1 355778	32.65 1.21 0.00	28.77 1.06 0.00	27.72 1.06 0.00	25.68 0.98 0.00	26.54 1.03 0.00	27.58 1.05 0.00	27.97 1.03 0.00	34.37 1.18 0.00	37.20 1.24 0.00	34.04 1.02 0.00	34.74 0.99 0.00	38.28 1.15 0.00	37.63 1.22 0.00	45.91 1.68 0.00	43.44 1.73 0.00	48.24 1.81 0.00	41.55 1.55 0.00	40.31 1.57 0.00	46.09 2.06 0.00	47.24 2.18 0.00	79.66 2.18 -36.47	54.33 2.23 -5.80	35.38 1.34 0.00	24.43 0.91 0.00
NARROWS_GT1_1 24228	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
NARROWS_GT1_2 24229	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
NARROWS_GT1_3 24230	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
NARROWS_GT1_4 24231	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
NARROWS_GT1_5 24232	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08

NARROWS_GT1_6 24233	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
NARROWS_GT1_7 24234	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
NARROWS_GT1_8 24235	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
NARROWS_GT2_1 24236	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
NARROWS_GT2_2 24237	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
NARROWS_GT2_3 24238	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
NARROWS_GT2_4 24239	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
NARROWS_GT2_5 24240	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
NARROWS_GT2_6 24241	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
NARROWS_GT2_7 24242	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
NARROWS_GT2_8 24243	37.33 2.38 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.16 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.93 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.47 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.32 3.26 0.00	60.49 3.10 -16.37	50.23 3.26 -0.67	36.55 2.51 0.00	35.39 1.80 -10.08
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.87 1.43 0.00	28.87 1.15 0.00	27.81 1.15 0.00	25.77 1.08 0.00	26.62 1.11 0.00	27.67 1.14 0.00	28.05 1.11 0.00	34.43 1.24 0.00	37.12 1.16 0.00	33.80 0.77 0.00	34.42 0.66 0.00	37.97 0.84 0.00	37.38 0.97 0.00	45.76 1.53 0.00	43.45 1.74 0.00	48.45 2.02 0.00	41.98 1.99 0.00	40.90 2.16 0.00	46.87 2.85 0.00	48.08 3.02 0.00	64.34 2.77 -20.56	51.74 2.83 -2.61	35.74 1.71 0.00	24.58 1.06 0.00
NCHELSEA_115KV_TR2 355582	33.55 2.12 0.00	29.40 1.69 0.00	28.17 1.51 0.00	26.05 1.36 0.00	26.93 1.42 0.00	28.08 1.55 0.00	28.73 1.79 0.00	35.36 2.17 0.00	38.41 2.45 0.00	35.44 2.41 0.00	36.32 2.57 0.00	39.99 2.85 0.00	39.27 2.86 0.00	47.71 3.48 0.00	45.00 3.29 0.00	49.88 3.45 0.00	42.99 3.00 0.00	41.59 2.85 0.00	47.11 3.08 0.00	48.20 3.14 0.00	60.36 2.93 -16.41	50.07 3.06 -0.71	36.22 2.19 0.00	25.03 1.52 0.00
NEG CAPITAL____MECHNVIL 23645	33.25 1.81 0.00	29.25 1.54 0.00	28.12 1.47 0.00	26.05 1.36 0.00	26.93 1.42 0.00	28.02 1.49 0.00	28.44 1.51 0.00	35.12 1.93 0.00	38.10 2.14 0.00	34.82 1.80 0.00	35.50 1.74 0.00	39.13 1.99 0.00	38.50 2.09 0.00	46.98 2.75 0.00	44.58 2.88 0.00	49.69 3.26 0.00	42.89 2.90 0.00	41.63 2.89 0.00	47.68 3.65 0.00	48.76 3.70 0.00	84.45 3.56 -39.87	56.50 3.74 -6.46	36.37 2.33 0.00	25.01 1.49 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.44 -1.00 0.00	26.77 -0.95 0.00	25.74 -0.91 0.00	23.84 -0.86 0.00	24.64 -0.87 0.00	25.57 -0.96 0.00	25.92 -1.01 0.00	31.87 -1.32 0.00	34.50 -1.46 0.00	31.88 -1.15 0.00	32.76 -0.99 0.00	36.09 -1.04 0.00	35.66 -0.76 0.00	43.44 -0.79 0.00	41.40 -0.30 0.00	46.40 -0.03 0.00	40.11 0.12 0.00	38.70 -0.04 0.00	43.67 -0.36 0.00	44.40 -0.65 0.00	40.08 -0.94 0.00	45.49 -0.81 0.00	33.39 -0.65 0.00	22.84 -0.68 0.00

NEG CENTRAL___DRP 24199	31.26 -0.18 0.00	27.54 -0.18 0.00	26.47 -0.19 0.00	24.54 -0.16 0.00	25.38 -0.13 0.00	26.42 -0.11 0.00	26.80 -0.13 0.00	32.79 -0.40 0.00	35.51 -0.45 0.00	32.63 -0.39 0.00	33.38 -0.37 0.00	36.81 -0.32 0.00	36.33 -0.08 0.00	44.26 0.03 0.00	42.13 0.42 0.00	47.13 0.70 0.00	40.75 0.76 0.00	39.36 0.62 0.00	44.59 0.56 0.00	45.46 0.40 0.00	40.98 -0.04 0.00	46.39 0.09 0.00	34.05 0.01 0.00	23.33 -0.19 0.00
NEG CENTRAL___INDECK 23768	32.02 0.58 0.00	28.08 0.36 0.00	26.98 0.31 0.00	24.99 0.29 0.00	25.83 0.33 0.00	26.82 0.29 0.00	27.27 0.34 0.00	33.62 0.43 0.00	36.12 0.16 0.00	33.11 0.08 0.00	33.81 0.05 0.00	36.63 -0.50 0.00	36.03 -0.38 0.00	43.87 -0.36 0.00	42.00 0.29 0.00	46.98 0.56 0.00	40.85 0.86 0.00	39.49 0.75 0.00	44.72 0.70 0.00	45.49 0.44 0.00	41.07 0.05 0.00	46.76 0.46 0.00	35.04 1.00 0.00	24.11 0.60 0.00
NEG CENTRAL___SENECA 23627	31.30 -0.14 0.00	27.55 -0.17 0.00	26.48 -0.18 0.00	24.55 -0.15 0.00	25.39 -0.12 0.00	26.42 -0.11 0.00	26.84 -0.09 0.00	32.89 -0.30 0.00	35.65 -0.31 0.00	32.75 -0.27 0.00	33.53 -0.22 0.00	36.94 -0.20 0.00	36.48 0.07 0.00	44.47 0.25 0.00	42.43 0.72 0.00	47.47 1.05 0.00	41.11 1.12 0.00	39.65 0.91 0.00	44.89 0.86 0.00	45.76 0.70 0.00	41.20 0.19 0.00	46.72 0.42 0.00	34.28 0.25 0.00	23.46 -0.06 0.00
NEG CENTRAL___STATE_STREET 24147	31.57 0.13 0.00	27.86 0.15 0.00	26.79 0.14 0.00	24.82 0.12 0.00	25.66 0.15 0.00	26.74 0.21 0.00	27.03 0.09 0.00	33.04 -0.15 0.00	35.77 -0.19 0.00	32.86 -0.17 0.00	33.46 -0.29 0.00	37.03 -0.11 0.00	36.49 0.08 0.00	44.35 0.12 0.00	42.18 0.48 0.00	47.13 0.70 0.00	40.69 0.70 0.00	39.36 0.62 0.00	44.64 0.61 0.00	45.56 0.50 0.00	41.05 0.04 0.00	46.38 0.09 0.00	34.12 0.08 0.00	23.43 -0.09 0.00
NEG MILLWOOD___DRP 24198	33.68 2.24 0.00	29.52 1.80 0.00	28.26 1.61 0.00	26.13 1.44 0.00	27.01 1.50 0.00	28.18 1.65 0.00	28.85 1.92 0.00	35.53 2.34 0.00	38.59 2.62 0.00	35.62 2.60 0.00	36.53 2.78 0.00	40.22 3.08 0.00	39.51 3.10 0.00	48.01 3.78 0.00	45.21 3.51 0.00	50.11 3.68 0.00	43.18 3.19 0.00	41.79 3.06 0.00	47.34 3.31 0.00	48.42 3.36 0.00	59.92 3.12 -15.78	50.24 3.24 -0.70	36.37 2.33 0.00	25.14 1.61 0.00
NEG NORTH_FLCN_SEA 23793	33.04 1.61 0.00	29.07 1.36 0.00	27.94 1.28 0.00	25.86 1.16 0.00	26.61 1.10 0.00	27.42 0.89 0.00	27.88 0.94 0.00	34.01 0.82 0.00	36.71 0.75 0.00	33.49 0.46 0.00	34.15 0.40 0.00	37.51 0.38 0.00	36.77 0.36 0.00	44.68 0.45 0.00	41.87 0.17 0.00	46.90 0.47 0.00	39.97 -0.03 0.00	38.89 0.15 0.00	44.59 0.56 0.00	46.11 1.05 0.00	42.43 1.42 0.00	48.34 2.04 0.00	35.54 1.50 0.00	24.58 1.06 0.00
NEG NORTH_KES_CHATEGAY 23792	32.01 0.56 0.00	28.19 0.47 0.00	27.12 0.46 0.00	25.11 0.41 0.00	25.86 0.35 0.00	26.75 0.22 0.00	27.16 0.22 0.00	33.39 0.20 0.00	36.06 0.10 0.00	32.97 -0.06 0.00	33.61 -0.14 0.00	36.89 -0.24 0.00	36.06 -0.35 0.00	43.74 -0.49 0.00	40.99 -0.72 0.00	45.90 -0.53 0.00	39.33 -0.66 0.00	38.25 -0.50 0.00	43.69 -0.34 0.00	44.92 -0.13 0.00	41.11 0.09 0.00	46.83 0.52 0.00	34.50 0.46 0.00	23.86 0.34 0.00
NEG NORTH___ALICE_FALLS 23915	33.14 1.70 0.00	29.21 1.49 0.00	28.04 1.38 0.00	25.97 1.27 0.00	26.73 1.23 0.00	27.58 1.05 0.00	27.99 1.06 0.00	34.20 1.01 0.00	36.92 0.95 0.00	33.67 0.64 0.00	34.32 0.57 0.00	37.63 0.49 0.00	36.95 0.54 0.00	44.89 0.66 0.00	42.09 0.38 0.00	47.19 0.76 0.00	40.23 0.24 0.00	39.13 0.39 0.00	44.88 0.85 0.00	46.27 1.21 0.00	42.52 1.50 0.00	48.54 2.24 0.00	35.68 1.64 0.00	24.66 1.15 0.00
NEG NORTH___LWR_SARANAC 23913	33.14 1.70 0.00	29.21 1.49 0.00	28.04 1.38 0.00	25.97 1.27 0.00	26.73 1.23 0.00	27.58 1.05 0.00	27.99 1.06 0.00	34.20 1.01 0.00	36.92 0.95 0.00	33.67 0.64 0.00	34.32 0.57 0.00	37.63 0.49 0.00	36.95 0.54 0.00	44.89 0.66 0.00	42.09 0.38 0.00	47.19 0.76 0.00	40.23 0.24 0.00	39.13 0.39 0.00	44.88 0.85 0.00	46.27 1.21 0.00	42.52 1.50 0.00	48.54 2.24 0.00	35.68 1.64 0.00	24.66 1.15 0.00
NEG NORTH___PLATTSBURG 23628	33.14 1.70 0.00	29.20 1.49 0.00	28.04 1.38 0.00	25.97 1.27 0.00	26.73 1.22 0.00	27.58 1.05 0.00	27.99 1.06 0.00	34.20 1.01 0.00	36.91 0.95 0.00	33.66 0.64 0.00	34.32 0.57 0.00	37.63 0.49 0.00	36.95 0.54 0.00	44.89 0.66 0.00	42.09 0.39 0.00	47.19 0.76 0.00	40.23 0.24 0.00	39.13 0.39 0.00	44.88 0.85 0.00	46.27 1.21 0.00	42.52 1.50 0.00	48.54 2.24 0.00	35.68 1.64 0.00	24.66 1.15 0.00
NEG WEST_LEA_LOCKPORT 23791	30.14 -1.30 0.00	26.43 -1.29 0.00	25.48 -1.18 0.00	23.61 -1.09 0.00	24.38 -1.13 0.00	25.14 -1.39 0.00	25.37 -1.57 0.00	31.48 -1.71 0.00	34.15 -1.81 0.00	31.61 -1.42 0.00	32.44 -1.31 0.00	35.65 -1.48 0.00	35.19 -1.22 0.00	42.81 -1.43 0.00	41.06 -0.65 0.00	46.06 -0.38 0.00	39.78 -0.22 0.00	38.34 -0.40 0.00	43.09 -0.94 0.00	43.71 -1.35 0.00	39.30 -1.72 0.00	45.03 -1.28 0.00	33.29 -0.75 0.00	22.80 -0.72 0.00
NEG WEST___LANCASTR 23811	30.41 -1.03 0.00	26.68 -1.04 0.00	25.68 -0.98 0.00	23.82 -0.87 0.00	24.63 -0.89 0.00	25.51 -1.03 0.00	25.83 -1.11 0.00	32.18 -1.01 0.00	34.91 -1.05 0.00	32.22 -0.81 0.00	32.98 -0.77 0.00	36.30 -0.84 0.00	35.81 -0.60 0.00	43.52 -0.71 0.00	41.62 -0.09 0.00	46.66 0.23 0.00	40.25 0.26 0.00	38.75 0.00 0.00	43.58 -0.45 0.00	44.33 -0.73 0.00	39.81 -1.21 0.00	45.55 -0.76 0.00	33.67 -0.37 0.00	22.98 -0.54 0.00
NEG_PENN_ALLEGHNY 23528	31.54 0.10 0.00	27.73 0.02 0.00	26.64 -0.02 0.00	24.73 0.03 0.00	25.57 0.06 0.00	26.63 0.10 0.00	27.10 0.16 0.00	33.28 0.09 0.00	36.05 0.09 0.00	33.13 0.11 0.00	33.91 0.16 0.00	37.38 0.24 0.00	36.84 0.43 0.00	44.81 0.58 0.00	42.49 0.79 0.00	47.27 0.84 0.00	40.79 0.80 0.00	39.33 0.59 0.00	44.53 0.50 0.00	45.51 0.45 0.00	41.07 0.13 0.07	46.88 0.32 -0.26	34.27 0.23 0.00	23.52 0.00 0.00
NEG___GEN_MONROE 24207	31.12 -0.32 0.00	27.33 -0.38 0.00	26.30 -0.36 0.00	24.34 -0.36 0.00	25.16 -0.35 0.00	26.07 -0.46 0.00	26.39 -0.54 0.00	32.54 -0.65 0.00	35.22 -0.74 0.00	32.51 -0.52 0.00	33.39 -0.36 0.00	36.77 -0.37 0.00	36.31 -0.10 0.00	44.26 0.03 0.00	42.27 0.57 0.00	47.42 0.99 0.00	41.02 1.03 0.00	39.59 0.85 0.00	44.78 0.75 0.00	45.43 0.38 0.00	40.94 -0.07 0.00	46.57 0.27 0.00	34.26 0.22 0.00	23.41 -0.11 0.00
NEPA___ENERGY 23901	30.43 -1.01 0.00	26.68 -1.04 0.00	25.66 -1.00 0.00	23.89 -0.81 0.00	24.71 -0.80 0.00	25.67 -0.87 0.00	26.12 -0.81 0.00	32.49 -0.70 0.00	35.38 -0.58 0.00	32.57 -0.46 0.00	33.33 -0.43 0.00	36.77 -0.37 0.00	36.29 -0.12 0.00	44.02 -0.21 0.00	42.07 0.36 0.00	47.04 0.61 0.00	40.58 0.58 0.00	39.00 0.26 0.00	43.90 -0.13 0.00	44.81 -0.25 0.00	40.10 -0.92 0.00	45.97 -0.33 0.00	33.97 -0.07 0.00	23.11 -0.41 0.00

NEVERSINK___HYD 23608	32.65 1.21 0.00	28.61 0.89 0.00	27.39 0.73 0.00	25.33 0.63 0.00	26.18 0.67 0.00	27.30 0.77 0.00	27.92 0.99 0.00	34.37 1.18 0.00	37.36 1.40 0.00	34.52 1.50 0.00	35.39 1.64 0.00	38.97 1.84 0.00	38.02 1.61 0.00	45.13 0.90 0.00	42.53 0.83 0.00	47.23 0.80 0.00	40.73 0.74 0.00	39.45 0.70 0.00	44.70 0.67 0.00	45.74 0.68 0.00	53.18 0.80 -11.36	49.41 2.22 -0.89	35.57 1.53 0.00	24.55 1.04 0.00
NEWKRMKL_115KV_TB1 55635	32.11 0.67 0.00	28.26 0.54 0.00	27.22 0.56 0.00	25.22 0.52 0.00	26.05 0.54 0.00	27.10 0.57 0.00	27.49 0.56 0.00	33.74 0.55 0.00	36.53 0.57 0.00	33.51 0.48 0.00	34.26 0.51 0.00	37.77 0.63 0.00	37.13 0.72 0.00	45.27 1.05 0.00	42.79 1.09 0.00	47.50 1.07 0.00	40.93 0.93 0.00	39.67 0.93 0.00	45.20 1.17 0.00	46.32 1.27 0.00	71.01 1.26 -28.73	51.91 1.22 -4.39	34.72 0.68 0.00	23.99 0.47 0.00
NEWTON___FALLS_HYD 23847	30.90 -0.54 0.00	27.21 -0.50 0.00	26.15 -0.51 0.00	24.22 -0.47 0.00	25.00 -0.51 0.00	26.00 -0.53 0.00	26.38 -0.56 0.00	32.36 -0.83 0.00	34.96 -1.00 0.00	32.10 -0.93 0.00	32.80 -0.95 0.00	36.12 -1.02 0.00	35.37 -1.04 0.00	43.06 -1.17 0.00	40.74 -0.97 0.00	45.42 -1.00 0.00	39.16 -0.83 0.00	38.17 -0.57 0.00	43.57 -0.46 0.00	44.72 -0.34 0.00	40.74 -0.28 0.00	46.14 -0.16 0.00	33.77 -0.27 0.00	23.09 -0.43 0.00
NGRID_A1_DSASP 323792	29.55 -1.89 0.00	25.93 -1.79 0.00	25.02 -1.64 0.00	23.17 -1.52 0.00	23.94 -1.57 0.00	24.65 -1.88 0.00	24.83 -2.10 0.00	30.60 -2.58 0.00	33.20 -2.77 0.00	30.79 -2.24 0.00	31.61 -2.14 0.00	34.72 -2.42 0.00	34.29 -2.12 0.00	41.49 -2.73 0.01	39.67 -2.01 0.02	44.49 -1.92 0.02	38.39 -1.58 0.02	36.99 -1.72 0.02	41.58 -2.42 0.02	42.19 -2.84 0.02	37.92 -3.07 0.02	43.39 -2.88 0.02	32.11 -1.92 0.00	21.95 -1.56 0.01
NGRID_A2_DSASP 323793	29.55 -1.89 0.00	25.93 -1.79 0.00	25.02 -1.64 0.00	23.17 -1.52 0.00	23.94 -1.57 0.00	24.65 -1.88 0.00	24.83 -2.10 0.00	30.60 -2.58 0.00	33.20 -2.77 0.00	30.79 -2.24 0.00	31.61 -2.14 0.00	34.72 -2.42 0.00	34.29 -2.12 0.00	41.49 -2.73 0.01	39.67 -2.01 0.02	44.49 -1.92 0.02	38.39 -1.58 0.02	36.99 -1.72 0.02	41.58 -2.42 0.02	42.19 -2.84 0.02	37.92 -3.07 0.02	43.39 -2.88 0.02	32.11 -1.92 0.00	21.95 -1.56 0.01
NGRID_A4_DSASP 323807	29.55 -1.89 0.00	25.93 -1.79 0.00	25.02 -1.64 0.00	23.17 -1.52 0.00	23.94 -1.57 0.00	24.65 -1.88 0.00	24.83 -2.10 0.00	30.60 -2.58 0.00	33.20 -2.77 0.00	30.79 -2.24 0.00	31.61 -2.14 0.00	34.72 -2.42 0.00	34.29 -2.12 0.00	41.49 -2.73 0.01	39.67 -2.01 0.02	44.49 -1.92 0.02	38.39 -1.58 0.02	36.99 -1.72 0.02	41.58 -2.42 0.02	42.19 -2.84 0.02	37.92 -3.07 0.02	43.39 -2.88 0.02	32.11 -1.92 0.00	21.95 -1.56 0.01
NIAGARA_115E_LBMP 323715	29.67 -1.77 0.00	26.02 -1.70 0.00	25.10 -1.56 0.00	23.25 -1.44 0.00	24.02 -1.49 0.00	24.73 -1.80 0.00	24.94 -1.99 0.00	30.91 -2.28 0.00	33.51 -2.45 0.00	31.05 -1.98 0.00	31.86 -1.89 0.00	34.98 -2.15 0.00	34.55 -1.86 0.00	41.98 -2.25 0.00	40.27 -1.43 0.00	45.17 -1.26 0.00	38.98 -1.02 0.00	37.58 -1.17 0.00	42.20 -1.83 0.00	42.82 -2.24 0.00	38.51 -2.51 0.00	44.15 -2.15 0.00	32.70 -1.34 0.00	22.45 -1.07 0.00
NIAGARA_115W_LBMP 323714	29.49 -1.95 0.00	25.87 -1.84 0.00	24.96 -1.69 0.00	23.13 -1.57 0.00	23.89 -1.62 0.00	24.60 -1.93 0.00	24.78 -2.16 0.00	30.55 -2.64 0.00	33.14 -2.82 0.00	30.73 -2.30 0.00	31.54 -2.21 0.00	34.64 -2.49 0.00	34.21 -2.20 0.00	41.39 -2.82 0.01	39.57 -2.11 0.02	44.39 -2.02 0.02	38.31 -1.66 0.02	36.91 -1.81 0.02	41.48 -2.52 0.02	42.10 -2.93 0.02	37.84 -3.15 0.02	43.30 -2.98 0.02	32.04 -1.99 0.00	21.91 -1.60 0.01
NIAGARA_230_LBMP 323716	29.73 -1.71 0.00	26.10 -1.62 0.00	25.17 -1.49 0.00	23.32 -1.37 0.00	24.09 -1.42 0.00	24.83 -1.70 0.00	25.04 -1.89 0.00	31.01 -2.18 0.00	33.62 -2.35 0.00	31.14 -1.89 0.00	31.94 -1.82 0.00	35.03 -2.10 0.00	34.59 -1.82 0.00	42.00 -2.23 0.00	40.22 -1.48 0.00	45.12 -1.31 0.00	38.92 -1.07 0.00	37.50 -1.24 0.00	42.15 -1.88 0.00	42.80 -2.26 0.00	38.51 -2.51 0.00	44.12 -2.18 0.00	32.66 -1.38 0.00	22.36 -1.15 0.00
NIAGARA___115KV_198_GIBSON 55903	29.49 -1.95 0.00	25.88 -1.84 0.00	24.96 -1.69 0.00	23.12 -1.57 0.00	23.89 -1.62 0.00	24.60 -1.93 0.00	24.78 -2.16 0.00	30.56 -2.63 0.00	33.16 -2.80 0.00	30.72 -2.30 0.00	31.54 -2.21 0.00	34.66 -2.47 0.00	34.18 -2.23 0.00	41.39 -2.83 0.01	39.58 -2.10 0.02	44.38 -2.02 0.02	38.31 -1.66 0.02	36.91 -1.81 0.02	41.49 -2.52 0.02	42.10 -2.93 0.02	37.83 -3.17 0.02	43.31 -2.97 0.02	32.04 -1.99 0.00	21.90 -1.60 0.01
NIAGARA____ 23760	29.73 -1.71 0.00	26.10 -1.62 0.00	25.17 -1.49 0.00	23.32 -1.37 0.00	24.09 -1.42 0.00	24.83 -1.70 0.00	25.04 -1.89 0.00	31.01 -2.18 0.00	33.62 -2.35 0.00	31.14 -1.89 0.00	31.94 -1.82 0.00	35.03 -2.10 0.00	34.59 -1.82 0.00	42.00 -2.23 0.00	40.21 -1.48 0.01	45.12 -1.31 0.01	38.92 -1.07 0.01	37.49 -1.24 0.01	42.15 -1.88 0.01	42.79 -2.26 0.01	38.50 -2.51 0.01	44.11 -2.18 0.01	32.65 -1.38 0.00	22.36 -1.15 0.01
NINE_MILE_1 23575	30.44 -1.00 0.00	26.90 -0.81 0.00	25.88 -0.78 0.00	23.98 -0.72 0.00	24.77 -0.74 0.00	25.77 -0.76 0.00	26.11 -0.82 0.00	31.76 -1.44 0.00	34.24 -1.72 0.00	31.49 -1.54 0.00	32.24 -1.51 0.00	35.52 -1.62 0.00	34.93 -1.48 0.00	42.47 -1.76 0.00	40.24 -1.46 0.00	44.89 -1.54 0.00	38.76 -1.23 0.00	37.49 -1.26 0.00	42.49 -1.53 0.00	43.41 -1.65 0.00	39.40 -1.62 0.00	44.50 -1.80 0.00	32.66 -1.37 0.00	22.47 -1.05 0.00
NINE_MILE_2 23744	30.45 -0.99 0.00	26.91 -0.81 0.00	25.88 -0.78 0.00	23.98 -0.72 0.00	24.77 -0.74 0.00	25.77 -0.76 0.00	26.11 -0.82 0.00	31.76 -1.44 0.00	34.24 -1.72 0.00	31.49 -1.54 0.00	32.24 -1.51 0.00	35.51 -1.62 0.00	34.93 -1.48 0.00	42.47 -1.76 0.00	40.23 -1.47 0.00	44.89 -1.54 0.00	38.75 -1.24 0.00	37.49 -1.26 0.00	42.49 -1.53 0.00	43.41 -1.65 0.00	39.40 -1.62 0.00	44.50 -1.80 0.00	32.66 -1.38 0.00	22.47 -1.05 0.00
NM_CAPITAL___DRP 24208	32.16 0.72 0.00	28.31 0.59 0.00	27.27 0.62 0.00	25.28 0.58 0.00	26.11 0.60 0.00	27.16 0.63 0.00	27.53 0.60 0.00	33.78 0.59 0.00	36.56 0.60 0.00	33.52 0.50 0.00	34.29 0.54 0.00	37.79 0.66 0.00	37.14 0.73 0.00	45.28 1.05 0.00	42.81 1.11 0.00	47.50 1.07 0.00	40.92 0.93 0.00	39.65 0.91 0.00	45.22 1.19 0.00	46.34 1.29 0.00	70.75 1.29 -28.45	51.88 1.26 -4.32	34.74 0.70 0.00	24.01 0.49 0.00
NM_CENTRAL___DRP 24181	31.09 -0.35 0.00	27.43 -0.28 0.00	26.37 -0.29 0.00	24.42 -0.27 0.00	25.25 -0.26 0.00	26.28 -0.25 0.00	26.66 -0.27 0.00	32.51 -0.68 0.00	35.14 -0.82 0.00	32.33 -0.69 0.00	33.13 -0.62 0.00	36.54 -0.59 0.00	35.94 -0.46 0.00	43.74 -0.49 0.00	41.48 -0.22 0.00	46.27 -0.15 0.00	40.00 0.01 0.00	38.65 -0.09 0.00	43.79 -0.23 0.00	44.69 -0.37 0.00	40.51 -0.51 0.00	45.73 -0.57 0.00	33.53 -0.51 0.00	23.02 -0.50 0.00

NM_FRONTIER___DRP 24179	29.49 -1.95 0.00	25.88 -1.84 0.00	24.96 -1.69 0.00	23.12 -1.57 0.00	23.89 -1.62 0.00	24.60 -1.93 0.00	24.78 -2.16 0.00	30.56 -2.63 0.00	33.16 -2.80 0.00	30.72 -2.30 0.00	31.54 -2.21 0.00	34.66 -2.47 0.00	34.18 -2.23 0.00	41.39 -2.83 0.01	39.58 -2.10 0.02	44.38 -2.02 0.02	38.31 -1.66 0.02	36.91 -1.81 0.02	41.49 -2.52 0.02	42.10 -2.93 0.02	37.83 -3.17 0.02	43.31 -2.97 0.02	32.04 -1.99 0.00	21.90 -1.60 0.01
NM_ST_REGIS___HYD 24053	31.05 -0.39 0.00	27.36 -0.35 0.00	26.33 -0.33 0.00	24.38 -0.31 0.00	25.13 -0.38 0.00	26.07 -0.46 0.00	26.45 -0.48 0.00	32.63 -0.56 0.00	35.17 -0.79 0.00	32.21 -0.81 0.00	32.81 -0.94 0.00	36.04 -1.09 0.00	35.18 -1.23 0.00	42.66 -1.57 0.00	40.04 -1.67 0.00	44.75 -1.68 0.00	38.26 -1.73 0.00	37.32 -1.42 0.00	42.56 -1.47 0.00	43.72 -1.34 0.00	39.92 -1.10 0.00	45.70 -0.59 0.00	33.65 -0.39 0.00	23.21 -0.31 0.00
NORTHPORT___1 23551	33.97 2.31 -0.22	29.55 1.83 0.00	28.29 1.63 0.00	26.27 1.58 0.00	27.07 1.56 0.00	29.01 1.88 -0.60	35.02 2.18 -5.91	35.69 2.50 0.00	38.38 2.41 0.00	36.77 2.66 -1.09	37.94 2.76 -1.42	40.01 2.88 0.00	39.32 2.84 -0.08	47.18 2.95 0.00	44.13 2.43 0.00	48.70 2.27 0.00	42.08 2.09 0.00	41.13 2.39 0.00	46.54 2.52 0.00	47.58 2.52 0.00	59.98 2.57 -16.39	49.06 2.08 -0.67	35.78 1.75 0.00	24.89 1.37 0.00
NORTHPORT___2 23552	33.97 2.31 -0.22	29.55 1.83 0.00	28.29 1.63 0.00	26.27 1.58 0.00	27.07 1.56 0.00	29.01 1.88 -0.60	35.02 2.18 -5.91	35.69 2.50 0.00	38.38 2.41 0.00	36.77 2.66 -1.09	37.94 2.76 -1.42	40.01 2.88 0.00	39.32 2.84 -0.08	47.18 2.95 0.00	44.13 2.43 0.00	48.70 2.27 0.00	42.08 2.09 0.00	41.13 2.39 0.00	46.54 2.52 0.00	47.58 2.52 0.00	59.98 2.57 -16.39	49.06 2.08 -0.67	35.78 1.75 0.00	24.89 1.37 0.00
NORTHPORT___3 23553	34.05 2.39 -0.22	29.61 1.90 0.00	28.34 1.68 0.00	26.29 1.59 0.00	27.11 1.60 0.00	29.01 1.88 -0.60	35.03 2.18 -5.91	35.62 2.44 0.00	38.21 2.25 0.00	36.67 2.56 -1.09	37.80 2.63 -1.42	39.86 2.73 0.00	39.21 2.73 -0.07	47.15 2.92 0.00	44.21 2.52 0.01	48.80 2.38 0.01	42.13 2.15 0.01	41.06 2.32 0.00	46.47 2.45 0.00	47.48 2.43 0.00	59.87 2.47 -16.39	49.00 2.02 -0.67	35.72 1.68 0.00	24.92 1.40 0.00
NORTHPORT___4 23650	34.05 2.39 -0.22	29.61 1.90 0.00	28.34 1.68 0.00	26.29 1.59 0.00	27.11 1.60 0.00	29.01 1.88 -0.60	35.03 2.18 -5.91	35.62 2.44 0.00	38.21 2.25 0.00	36.67 2.56 -1.09	37.80 2.63 -1.42	39.86 2.73 0.00	39.21 2.73 -0.07	47.15 2.92 0.00	44.21 2.52 0.01	48.80 2.38 0.01	42.13 2.15 0.01	41.06 2.32 0.00	46.47 2.45 0.00	47.48 2.43 0.00	59.87 2.47 -16.39	49.00 2.02 -0.67	35.72 1.68 0.00	24.92 1.40 0.00
NORTHPORT___IC 23718	33.96 2.31 -0.22	29.55 1.83 0.00	28.29 1.63 0.00	26.27 1.58 0.00	27.07 1.56 0.00	29.01 1.88 -0.60	35.02 2.18 -5.91	35.69 2.50 0.00	38.37 2.41 0.00	36.77 2.67 -1.08	37.94 2.76 -1.42	40.01 2.87 0.00	39.34 2.85 -0.07	47.18 2.95 0.00	44.13 2.43 0.00	48.70 2.28 0.00	42.09 2.09 0.00	41.13 2.39 0.00	46.54 2.52 0.00	47.58 2.52 0.00	59.98 2.57 -16.39	49.06 2.08 -0.67	35.79 1.75 0.00	24.89 1.36 0.00
NORTH___COUNTRY_ESR 323785	31.97 0.53 0.00	28.17 0.45 0.00	27.10 0.44 0.00	25.09 0.40 0.00	25.84 0.33 0.00	26.73 0.20 0.00	27.14 0.21 0.00	33.38 0.19 0.00	36.05 0.09 0.00	32.96 -0.07 0.00	33.60 -0.15 0.00	36.89 -0.24 0.00	36.05 -0.36 0.00	43.71 -0.52 0.00	40.97 -0.73 0.00	45.89 -0.54 0.00	39.31 -0.68 0.00	38.23 -0.51 0.00	43.67 -0.36 0.00	44.89 -0.17 0.00	41.05 0.03 0.00	46.74 0.45 0.00	34.44 0.40 0.00	23.83 0.31 0.00
NPX_GEN_1385_PROXY 323591	33.18 1.52 -0.22	28.88 1.16 0.00	27.85 1.19 0.00	26.26 1.57 0.00	26.82 1.31 0.00	28.93 1.80 -0.60	34.94 2.09 -5.91	35.41 2.22 0.00	37.65 1.69 0.00	35.92 1.81 -1.09	36.96 1.79 -1.42	38.98 1.85 0.00	38.36 1.87 -0.08	46.46 2.23 0.00	43.31 1.61 0.00	47.85 1.42 0.00	41.30 1.31 0.00	40.83 2.09 0.00	46.57 2.54 0.00	47.47 2.41 0.00	60.20 2.79 -16.39	48.87 1.90 -0.67	35.55 1.51 0.00	24.62 1.10 0.00
NPX_GEN_CSC 323557	33.98 2.32 -0.22	29.49 1.77 0.00	28.18 1.52 0.00	26.16 1.46 0.00	26.99 1.48 0.00	28.96 1.83 -0.60	34.99 2.15 -5.91	35.70 2.51 0.00	38.58 2.62 0.00	37.11 3.00 -1.09	38.25 3.07 -1.42	40.44 3.31 0.00	39.81 3.32 -0.08	47.81 3.58 0.00	44.73 3.03 0.00	49.39 2.96 0.00	42.83 2.84 0.00	41.79 3.05 0.00	47.17 3.14 0.00	48.23 3.17 0.00	60.53 3.12 -16.39	49.53 2.56 -0.67	36.03 1.99 0.00	25.03 1.51 0.00
NSINS_S_GLNS_FALLS 23858	33.98 2.54 0.00	29.85 2.13 0.00	28.69 2.03 0.00	26.58 1.88 0.00	27.47 1.96 0.00	28.58 2.05 0.00	29.02 2.09 0.00	35.88 2.69 0.00	38.91 2.95 0.00	35.45 2.43 0.00	36.00 2.25 0.00	39.67 2.54 0.00	39.00 2.58 0.00	47.59 3.36 0.00	45.24 3.54 0.00	50.52 4.09 0.00	43.58 3.58 0.00	42.42 3.68 0.00	49.03 5.00 0.00	49.81 4.75 0.00	87.76 4.69 -42.05	58.09 4.90 -6.89	37.02 2.98 0.00	25.28 1.76 0.00
NUCOR_STEEL___DRP 24197	31.55 0.11 0.00	27.86 0.14 0.00	26.79 0.14 0.00	24.81 0.11 0.00	25.65 0.14 0.00	26.74 0.20 0.00	27.01 0.07 0.00	33.01 -0.18 0.00	35.73 -0.23 0.00	32.83 -0.20 0.00	33.42 -0.32 0.00	37.00 -0.13 0.00	36.45 0.05 0.00	44.29 0.06 0.00	42.11 0.40 0.00	47.00 0.57 0.00	40.60 0.61 0.00	39.27 0.53 0.00	44.52 0.49 0.00	45.46 0.40 0.00	40.98 -0.04 0.00	46.28 -0.02 0.00	34.06 0.03 0.00	23.39 -0.13 0.00
NUMBER_THREE_WT_PWR 323818	31.68 0.24 0.00	27.88 0.16 0.00	26.76 0.09 0.00	24.79 0.09 0.00	25.61 0.10 0.00	26.69 0.16 0.00	27.07 0.14 0.00	33.06 -0.13 0.00	35.80 -0.16 0.00	32.92 -0.10 0.00	33.66 -0.09 0.00	37.05 -0.08 0.00	36.47 0.05 0.00	44.41 0.18 0.00	42.10 0.40 0.00	46.89 0.46 0.00	40.68 0.69 0.00	39.50 0.76 0.00	45.10 1.07 0.00	46.27 1.21 0.00	42.10 1.08 0.00	47.51 1.21 0.00	34.72 0.68 0.00	23.63 0.12 0.00
NYISO_LBMP_REFERENCE 24008	31.44 0.00 0.00	27.72 0.00 0.00	26.66 0.00 0.00	24.70 0.00 0.00	25.51 0.00 0.00	26.53 0.00 0.00	26.94 0.00 0.00	33.19 0.00 0.00	35.96 0.00 0.00	33.03 0.00 0.00	33.75 0.00 0.00	37.13 0.00 0.00	36.41 0.00 0.00	44.23 0.00 0.00	41.70 0.00 0.00	46.43 0.00 0.00	39.99 0.00 0.00	38.74 0.00 0.00	44.03 0.00 0.00	45.06 0.00 0.00	41.02 0.00 0.00	46.30 0.00 0.00	34.04 0.00 0.00	23.52 0.00 0.00
NYPA_BRENTWD____GT 24164	34.47 2.81 -0.22	29.95 2.23 0.00	28.66 2.01 0.00	26.58 1.89 0.00	27.40 1.89 0.00	29.36 2.22 -0.60	35.39 2.55 -5.91	36.20 3.01 0.00	39.02 3.06 0.00	37.40 3.29 -1.09	38.60 3.43 -1.42	40.80 3.67 0.00	40.15 3.67 -0.08	48.12 3.89 0.00	44.94 3.24 0.00	49.45 3.03 0.00	42.75 2.76 0.00	41.74 2.99 0.00	47.16 3.14 0.00	48.44 3.38 0.00	60.79 3.38 -16.39	50.00 3.03 -0.67	36.53 2.49 0.00	25.35 1.83 0.00

RAVENSWOOD_GT2_3 24246	33.72 2.28 0.00	29.54 1.83 0.00	28.29 1.64 0.00	26.15 1.45 0.00	27.04 1.52 0.00	28.24 1.71 0.00	28.95 2.01 0.00	35.62 2.43 0.00	38.68 2.72 0.00	35.72 2.69 0.00	36.58 2.83 0.00	40.18 3.05 0.00	39.45 3.03 0.00	47.85 3.61 0.00	44.99 3.29 0.00	49.77 3.34 0.00	42.90 2.91 0.00	41.54 2.80 0.00	46.98 2.96 0.00	48.05 3.00 0.00	60.22 2.83 -16.37	49.92 2.95 -0.67	36.28 2.24 0.00	25.13 1.61 0.00
RAVENSWOOD_GT2_4 24247	33.72 2.28 0.00	29.54 1.83 0.00	28.29 1.64 0.00	26.15 1.45 0.00	27.04 1.52 0.00	28.24 1.71 0.00	28.95 2.01 0.00	35.62 2.43 0.00	38.68 2.72 0.00	35.72 2.69 0.00	36.58 2.83 0.00	40.18 3.05 0.00	39.45 3.03 0.00	47.85 3.61 0.00	44.99 3.29 0.00	49.77 3.34 0.00	42.90 2.91 0.00	41.54 2.80 0.00	46.98 2.96 0.00	48.05 3.00 0.00	60.22 2.83 -16.37	49.92 2.95 -0.67	36.28 2.24 0.00	25.13 1.61 0.00
RAVENSWOOD_GT3_1 24248	33.70 2.26 0.00	29.54 1.82 0.00	28.29 1.64 0.00	26.14 1.45 0.00	27.03 1.52 0.00	28.23 1.70 0.00	28.94 2.00 0.00	35.62 2.43 0.00	38.66 2.70 0.00	35.70 2.67 0.00	36.57 2.82 0.00	40.16 3.03 0.00	39.44 3.02 0.00	47.83 3.60 0.00	44.97 3.27 0.00	49.74 3.31 0.00	42.88 2.88 0.00	41.53 2.79 0.00	46.97 2.94 0.00	48.03 2.97 0.00	60.20 2.81 -16.37	49.90 2.93 -0.67	36.27 2.23 0.00	25.13 1.61 0.00
RAVENSWOOD_GT3_2 24249	33.70 2.26 0.00	29.54 1.82 0.00	28.29 1.64 0.00	26.14 1.45 0.00	27.03 1.52 0.00	28.23 1.70 0.00	28.94 2.00 0.00	35.62 2.43 0.00	38.66 2.70 0.00	35.70 2.67 0.00	36.57 2.82 0.00	40.16 3.03 0.00	39.44 3.02 0.00	47.83 3.60 0.00	44.97 3.27 0.00	49.74 3.31 0.00	42.88 2.88 0.00	41.53 2.79 0.00	46.97 2.94 0.00	48.03 2.97 0.00	60.20 2.81 -16.37	49.90 2.93 -0.67	36.27 2.23 0.00	25.13 1.61 0.00
RAVENSWOOD_GT3_3 24250	33.76 2.32 0.00	29.59 1.87 0.00	28.34 1.68 0.00	26.19 1.49 0.00	27.08 1.57 0.00	28.29 1.75 0.00	29.00 2.06 0.00	35.68 2.49 0.00	38.75 2.79 0.00	35.78 2.75 0.00	36.65 2.90 0.00	40.27 3.13 0.00	39.53 3.12 0.00	47.94 3.71 0.00	45.08 3.38 0.00	49.86 3.44 0.00	42.98 2.99 0.00	41.62 2.88 0.00	47.06 3.04 0.00	48.13 3.07 0.00	60.30 2.91 -16.37	50.01 3.03 -0.67	36.35 2.31 0.00	25.17 1.66 0.00
RAVENSWOOD_GT3_4 24251	33.76 2.32 0.00	29.59 1.87 0.00	28.34 1.68 0.00	26.19 1.49 0.00	27.08 1.57 0.00	28.29 1.75 0.00	29.00 2.06 0.00	35.68 2.49 0.00	38.75 2.79 0.00	35.78 2.75 0.00	36.65 2.90 0.00	40.27 3.13 0.00	39.53 3.12 0.00	47.94 3.71 0.00	45.08 3.38 0.00	49.86 3.44 0.00	42.98 2.99 0.00	41.62 2.88 0.00	47.06 3.04 0.00	48.13 3.07 0.00	60.30 2.91 -16.37	50.01 3.03 -0.67	36.35 2.31 0.00	25.17 1.66 0.00
RAVENSWOOD_GT_1 23729	35.00 2.36 -1.21	29.72 1.95 -0.05	28.45 1.79 0.00	26.27 1.58 0.00	27.19 1.69 0.00	28.42 1.88 0.00	29.13 2.20 0.00	35.82 2.63 0.00	38.85 2.89 0.00	35.90 2.88 0.00	36.76 3.01 0.00	40.35 3.22 0.00	39.63 3.22 0.00	48.02 3.79 0.00	45.10 3.40 0.00	49.88 3.45 0.00	42.98 2.99 0.00	41.64 2.90 0.00	47.11 3.08 0.00	48.15 3.09 0.00	60.33 2.94 -16.37	50.06 3.08 -0.67	36.44 2.40 0.00	28.74 1.77 -3.46
RAVENSWOOD_GT_10 24258	33.70 2.26 0.00	29.54 1.82 0.00	28.29 1.64 0.00	26.14 1.45 0.00	27.03 1.52 0.00	28.23 1.70 0.00	28.94 2.01 0.00	35.62 2.43 0.00	38.66 2.70 0.00	35.71 2.68 0.00	36.57 2.82 0.00	40.17 3.03 0.00	39.44 3.02 0.00	47.84 3.61 0.00	44.97 3.27 0.00	49.75 3.32 0.00	42.88 2.88 0.00	41.53 2.79 0.00	46.97 2.94 0.00	48.03 2.97 0.00	60.20 2.81 -16.37	49.90 2.93 -0.67	36.28 2.24 0.00	25.13 1.61 0.00
RAVENSWOOD_GT_11 24259	33.70 2.26 0.00	29.54 1.82 0.00	28.29 1.64 0.00	26.14 1.45 0.00	27.03 1.52 0.00	28.23 1.70 0.00	28.94 2.01 0.00	35.62 2.43 0.00	38.66 2.70 0.00	35.71 2.68 0.00	36.57 2.82 0.00	40.17 3.03 0.00	39.44 3.02 0.00	47.84 3.61 0.00	44.97 3.27 0.00	49.75 3.32 0.00	42.88 2.88 0.00	41.53 2.79 0.00	46.97 2.94 0.00	48.03 2.97 0.00	60.20 2.81 -16.37	49.90 2.93 -0.67	36.28 2.24 0.00	25.13 1.61 0.00
RAVENSWOOD_GT_4 24252	33.70 2.26 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.13 1.44 0.00	27.01 1.51 0.00	28.22 1.69 0.00	28.93 1.99 0.00	35.59 2.40 0.00	38.66 2.70 0.00	35.69 2.66 0.00	36.55 2.80 0.00	40.16 3.02 0.00	39.43 3.01 0.00	47.82 3.59 0.00	44.97 3.27 0.00	49.74 3.31 0.00	42.88 2.88 0.00	41.53 2.79 0.00	46.96 2.94 0.00	48.02 2.97 0.00	60.19 2.80 -16.37	49.90 2.93 -0.67	36.26 2.22 0.00	25.11 1.59 0.00
RAVENSWOOD_GT_5 24254	33.70 2.26 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.13 1.44 0.00	27.01 1.51 0.00	28.22 1.69 0.00	28.93 1.99 0.00	35.59 2.40 0.00	38.66 2.70 0.00	35.69 2.66 0.00	36.55 2.80 0.00	40.16 3.02 0.00	39.43 3.01 0.00	47.82 3.59 0.00	44.97 3.27 0.00	49.74 3.31 0.00	42.88 2.88 0.00	41.53 2.79 0.00	46.96 2.94 0.00	48.02 2.97 0.00	60.19 2.80 -16.37	49.90 2.93 -0.67	36.26 2.22 0.00	25.11 1.59 0.00
RAVENSWOOD_GT_6 24253	33.70 2.26 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.13 1.44 0.00	27.01 1.51 0.00	28.22 1.69 0.00	28.93 1.99 0.00	35.59 2.40 0.00	38.66 2.70 0.00	35.69 2.66 0.00	36.55 2.80 0.00	40.16 3.02 0.00	39.43 3.01 0.00	47.82 3.59 0.00	44.97 3.27 0.00	49.74 3.31 0.00	42.88 2.88 0.00	41.53 2.79 0.00	46.96 2.94 0.00	48.02 2.97 0.00	60.19 2.80 -16.37	49.90 2.93 -0.67	36.26 2.22 0.00	25.11 1.59 0.00
RAVENSWOOD_GT_7 24255	33.70 2.26 0.00	29.53 1.81 0.00	28.28 1.62 0.00	26.13 1.44 0.00	27.01 1.51 0.00	28.22 1.69 0.00	28.93 1.99 0.00	35.59 2.40 0.00	38.66 2.70 0.00	35.69 2.66 0.00	36.55 2.80 0.00	40.16 3.02 0.00	39.43 3.01 0.00	47.82 3.59 0.00	44.97 3.27 0.00	49.74 3.31 0.00	42.88 2.88 0.00	41.53 2.79 0.00	46.96 2.94 0.00	48.02 2.97 0.00	60.19 2.80 -16.37	49.90 2.93 -0.67	36.26 2.22 0.00	25.11 1.59 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.70 2.26 0.00	29.54 1.82 0.00	28.29 1.64 0.00	26.14 1.45 0.00	27.03 1.52 0.00	28.23 1.70 0.00	28.94 2.01 0.00	35.62 2.43 0.00	38.66 2.70 0.00	35.71 2.68 0.00	36.57 2.82 0.00	40.17 3.03 0.00	39.44 3.02 0.00	47.84 3.61 0.00	44.97 3.27 0.00	49.75 3.32 0.00	42.88 2.88 0.00	41.53 2.79 0.00	46.97 2.94 0.00	48.03 2.97 0.00	60.20 2.81 -16.37	49.90 2.93 -0.67	36.28 2.24 0.00	25.13 1.61 0.00
RAVENSWOOD_GT_9 24257	33.70 2.26 0.00	29.54 1.82 0.00	28.29 1.64 0.00	26.14 1.45 0.00	27.03 1.52 0.00	28.23 1.70 0.00	28.94 2.01 0.00	35.62 2.43 0.00	38.66 2.70 0.00	35.71 2.68 0.00	36.57 2.82 0.00	40.17 3.03 0.00	39.44 3.02 0.00	47.84 3.61 0.00	44.97 3.27 0.00	49.75 3.32 0.00	42.88 2.88 0.00	41.53 2.79 0.00	46.97 2.94 0.00	48.03 2.97 0.00	60.20 2.81 -16.37	49.90 2.93 -0.67	36.28 2.24 0.00	25.13 1.61 0.00

RAVENSWOOD___1 23533	33.69 2.25 0.00	29.58 1.87 0.00	28.36 1.71 0.00	26.20 1.50 0.00	27.11 1.60 0.00	28.33 1.80 0.00	29.04 2.10 0.00	35.70 2.51 0.00	38.74 2.78 0.00	35.79 2.76 0.00	36.65 2.90 0.00	40.24 3.11 0.00	39.51 3.09 0.00	47.89 3.66 0.00	44.99 3.29 0.00	49.77 3.34 0.00	42.89 2.90 0.00	41.55 2.81 0.00	47.00 2.97 0.00	48.05 2.99 0.00	60.24 2.85 -16.37	49.94 2.97 -0.67	36.35 2.31 0.00	25.21 1.69 0.00
RAVENSWOOD___2 23534	34.24 2.21 -0.59	29.58 1.84 -0.02	28.34 1.68 0.00	26.17 1.48 0.00	27.08 1.57 0.00	28.31 1.78 0.00	29.01 2.07 0.00	35.65 2.46 0.00	38.56 2.60 0.00	35.59 2.57 0.00	36.45 2.70 0.00	40.03 2.89 0.00	39.29 2.87 0.00	47.56 3.33 0.00	44.68 2.98 0.00	49.41 2.98 0.00	42.58 2.58 0.00	41.25 2.51 0.00	46.66 2.64 0.00	47.70 2.64 0.00	59.93 2.55 -16.37	49.64 2.66 -0.67	36.24 2.20 0.00	26.88 1.67 -1.70
RAVENSWOOD___3 23535	33.70 2.26 0.00	29.53 1.82 0.00	28.29 1.63 0.00	26.14 1.44 0.00	27.03 1.52 0.00	28.23 1.70 0.00	28.93 2.00 0.00	35.60 2.41 0.00	38.66 2.70 0.00	35.70 2.67 0.00	36.56 2.81 0.00	40.17 3.03 0.00	39.42 3.02 0.00	47.82 3.59 0.00	44.97 3.27 0.00	49.74 3.31 0.00	42.88 2.88 0.00	41.53 2.79 0.00	46.96 2.94 0.00	48.02 2.97 0.00	60.20 2.81 -16.37	49.91 2.93 -0.67	36.26 2.22 0.00	25.12 1.60 0.00
RAVENSWOOD___4 23820	33.69 2.25 0.00	29.58 1.87 0.00	28.36 1.71 0.00	26.20 1.50 0.00	27.11 1.60 0.00	28.33 1.80 0.00	29.04 2.10 0.00	35.70 2.51 0.00	38.74 2.78 0.00	35.79 2.76 0.00	36.65 2.90 0.00	40.24 3.11 0.00	39.51 3.09 0.00	47.89 3.66 0.00	44.99 3.29 0.00	49.77 3.34 0.00	42.89 2.90 0.00	41.55 2.81 0.00	47.00 2.97 0.00	48.05 2.99 0.00	60.24 2.85 -16.37	49.94 2.97 -0.67	36.35 2.31 0.00	25.21 1.69 0.00
RCPL_TRUST___DRP 24196	33.67 2.23 0.00	29.51 1.79 0.00	28.26 1.60 0.00	26.11 1.42 0.00	27.01 1.50 0.00	28.21 1.68 0.00	28.93 1.99 0.00	35.61 2.42 0.00	38.67 2.71 0.00	35.71 2.69 0.00	36.58 2.83 0.00	40.19 3.06 0.00	39.45 3.03 0.00	47.85 3.61 0.00	44.98 3.28 0.00	49.78 3.35 0.00	42.91 2.92 0.00	41.53 2.79 0.00	46.97 2.94 0.00	48.02 2.96 0.00	60.18 2.79 -16.37	49.87 2.90 -0.67	36.24 2.21 0.00	25.10 1.59 0.00
RED___ROCHESTER 323720	31.16 -0.28 0.00	27.37 -0.34 0.00	26.33 -0.33 0.00	24.35 -0.34 0.00	25.17 -0.33 0.00	26.10 -0.43 0.00	26.43 -0.51 0.00	32.54 -0.65 0.00	35.24 -0.72 0.00	32.57 -0.45 0.00	33.48 -0.27 0.00	36.89 -0.24 0.00	36.47 0.06 0.00	44.43 0.20 0.00	42.42 0.72 0.00	47.59 1.16 0.00	41.11 1.12 0.00	39.64 0.90 0.00	44.74 0.71 0.00	45.46 0.40 0.00	41.00 -0.02 0.00	46.60 0.30 0.00	34.24 0.20 0.00	23.40 -0.12 0.00
REGAN___SOLAR 323812	34.76 3.32 0.00	30.47 2.75 0.00	29.24 2.58 0.00	27.06 2.36 0.00	27.97 2.46 0.00	29.18 2.65 0.00	29.80 2.86 0.00	35.92 2.73 0.00	38.38 2.42 0.00	34.41 1.39 0.00	35.10 1.35 0.00	37.62 0.48 0.00	36.80 0.39 0.00	45.19 0.96 0.00	43.06 1.36 0.00	49.30 2.87 0.00	43.72 3.73 0.00	42.90 4.16 0.00	49.42 5.40 0.00	50.67 5.62 0.00	84.86 5.07 -38.77	58.51 5.65 -6.56	37.87 3.83 0.00	25.93 2.41 0.00
RENSSELAER___COGEN 23796	32.01 0.57 0.00	28.18 0.46 0.00	27.14 0.48 0.00	25.14 0.45 0.00	25.98 0.47 0.00	27.02 0.49 0.00	27.41 0.48 0.00	33.64 0.45 0.00	36.40 0.43 0.00	33.35 0.33 0.00	34.11 0.36 0.00	37.58 0.45 0.00	36.93 0.51 0.00	45.02 0.79 0.00	42.55 0.85 0.00	47.21 0.78 0.00	40.67 0.68 0.00	39.42 0.68 0.00	44.96 0.93 0.00	46.08 1.02 0.00	67.77 1.05 -25.69	51.10 1.00 -3.80	34.57 0.52 0.00	23.89 0.37 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.19 4.75 0.00	31.69 3.98 0.00	30.43 3.78 0.00	28.20 3.50 0.00	29.11 3.60 0.00	30.30 3.77 0.00	30.67 3.74 0.00	37.84 4.65 0.00	40.88 4.92 0.00	36.91 3.89 0.00	37.61 3.85 0.00	41.39 4.26 0.00	40.74 4.33 0.00	50.24 6.01 0.00	48.10 6.39 0.00	53.88 7.45 0.00	46.23 6.23 0.00	45.20 6.45 0.00	52.70 8.67 0.00	52.70 7.64 0.00	90.28 7.22 -42.04	61.13 7.94 -6.89	39.04 5.00 0.00	26.81 3.29 0.00
REVERE_CPPR_DRP 24186	32.44 1.01 0.00	28.54 0.82 0.00	27.39 0.73 0.00	25.38 0.68 0.00	26.23 0.72 0.00	27.37 0.85 0.00	27.87 0.93 0.00	34.10 0.92 0.00	36.93 0.97 0.00	33.89 0.86 0.00	34.54 0.79 0.00	38.09 0.95 0.00	37.50 1.09 0.00	45.71 1.48 0.00	43.38 1.67 0.00	48.51 2.09 0.00	42.16 2.17 0.00	40.85 2.11 0.00	46.51 2.48 0.00	47.63 2.57 0.00	43.24 2.22 0.00	48.72 2.43 0.00	35.61 1.57 0.00	24.33 0.82 0.00
REYNOLDS_115KV_TB3 80639	32.23 0.79 0.00	28.38 0.66 0.00	27.36 0.70 0.00	25.36 0.66 0.00	26.20 0.69 0.00	27.24 0.70 0.00	27.62 0.69 0.00	33.90 0.71 0.00	36.67 0.71 0.00	33.62 0.59 0.00	34.36 0.61 0.00	37.86 0.73 0.00	37.21 0.80 0.00	45.37 1.14 0.00	42.88 1.18 0.00	47.55 1.12 0.00	40.92 0.93 0.00	39.67 0.93 0.00	45.29 1.26 0.00	46.43 1.38 0.00	70.38 1.41 -27.96	51.90 1.39 -4.21	34.83 0.79 0.00	24.09 0.57 0.00
RIVERBAY____ 323610	33.82 2.37 -0.01	29.77 2.05 0.00	28.61 1.94 0.00	26.41 1.72 0.00	27.33 1.82 0.00	28.54 2.01 0.00	29.23 2.30 0.00	35.88 2.69 0.00	38.95 2.99 0.00	35.87 2.84 0.00	36.80 3.05 0.00	40.40 3.27 0.00	39.74 3.33 0.00	48.11 3.88 0.00	45.12 3.41 0.00	49.87 3.44 0.00	42.94 2.95 0.00	41.70 2.96 0.00	47.29 3.27 0.00	48.30 3.24 0.00	60.59 3.20 -16.37	50.23 3.26 -0.67	36.54 2.50 0.00	25.30 1.78 0.00
RIVERSDE_115KV_TB3 55908	32.16 0.72 0.00	28.31 0.59 0.00	27.27 0.62 0.00	25.28 0.58 0.00	26.11 0.60 0.00	27.16 0.63 0.00	27.53 0.60 0.00	33.78 0.59 0.00	36.56 0.60 0.00	33.52 0.50 0.00	34.29 0.54 0.00	37.79 0.66 0.00	37.14 0.73 0.00	45.28 1.05 0.00	42.81 1.11 0.00	47.50 1.07 0.00	40.92 0.93 0.00	39.65 0.91 0.00	45.22 1.19 0.00	46.34 1.29 0.00	70.75 1.29 -28.45	51.88 1.26 -4.32	34.74 0.70 0.00	24.01 0.49 0.00
ROARING___BROOK_WT_PWR 323790	31.23 -0.21 0.00	27.53 -0.19 0.00	26.50 -0.16 0.00	24.55 -0.15 0.00	25.34 -0.17 0.00	26.32 -0.21 0.00	26.70 -0.24 0.00	32.88 -0.30 0.00	35.50 -0.45 0.00	32.64 -0.39 0.00	33.31 -0.44 0.00	36.60 -0.54 0.00	35.79 -0.62 0.00	43.46 -0.77 0.00	40.89 -0.81 0.00	45.61 -0.82 0.00	39.21 -0.78 0.00	38.03 -0.71 0.00	43.26 -0.77 0.00	44.28 -0.77 0.00	40.25 -0.77 0.00	45.60 -0.70 0.00	33.42 -0.62 0.00	22.98 -0.54 0.00
ROCHESRG_115KV_T4 355643	30.76 -0.68 0.00	27.04 -0.67 0.00	26.02 -0.64 0.00	24.09 -0.60 0.00	24.90 -0.61 0.00	25.80 -0.73 0.00	26.11 -0.82 0.00	32.15 -1.04 0.00	34.81 -1.15 0.00	32.15 -0.88 0.00	33.00 -0.75 0.00	36.33 -0.80 0.00	35.86 -0.56 0.00	43.65 -0.58 0.00	41.65 -0.05 0.00	46.68 0.25 0.00	40.32 0.33 0.00	38.89 0.15 0.00	43.89 -0.13 0.00	44.63 -0.43 0.00	40.27 -0.74 0.00	45.80 -0.50 0.00	33.70 -0.34 0.00	23.06 -0.46 0.00

ROCHESTER_9_IC 23652	30.97 -0.47 0.00	27.21 -0.51 0.00	26.19 -0.47 0.00	24.24 -0.46 0.00	25.05 -0.46 0.00	25.97 -0.56 0.00	26.29 -0.65 0.00	32.36 -0.83 0.00	35.05 -0.91 0.00	32.38 -0.65 0.00	33.26 -0.49 0.00	36.64 -0.50 0.00	36.17 -0.24 0.00	44.06 -0.17 0.00	42.06 0.35 0.00	47.17 0.74 0.00	40.73 0.74 0.00	39.29 0.55 0.00	44.34 0.31 0.00	45.06 0.01 0.00	40.65 -0.37 0.00	46.22 -0.08 0.00	33.98 -0.06 0.00	23.24 -0.28 0.00
ROCKVIEW_13_KV_LD 356306	33.68 2.24 0.00	29.51 1.80 0.00	28.30 1.64 0.00	26.13 1.44 0.00	27.01 1.50 0.00	28.21 1.67 0.00	28.90 1.97 0.00	35.57 2.39 0.00	38.63 2.67 0.00	35.65 2.63 0.00	36.52 2.77 0.00	40.15 3.02 0.00	39.42 3.00 0.00	47.80 3.57 0.00	44.98 3.28 0.00	49.77 3.34 0.00	42.91 2.92 0.00	41.57 2.82 0.00	47.05 3.03 0.00	48.11 3.06 0.00	60.28 2.89 -16.37	49.96 2.98 -0.67	36.27 2.23 0.00	25.11 1.59 0.00
ROME____115KV_TB2 80656	32.44 1.01 0.00	28.54 0.82 0.00	27.39 0.73 0.00	25.38 0.68 0.00	26.23 0.72 0.00	27.37 0.85 0.00	27.87 0.93 0.00	34.10 0.92 0.00	36.93 0.97 0.00	33.89 0.86 0.00	34.54 0.79 0.00	38.09 0.95 0.00	37.50 1.09 0.00	45.71 1.48 0.00	43.38 1.67 0.00	48.51 2.09 0.00	42.16 2.17 0.00	40.85 2.11 0.00	46.51 2.48 0.00	47.63 2.57 0.00	43.24 2.22 0.00	48.72 2.43 0.00	35.61 1.57 0.00	24.33 0.82 0.00
ROSETON____1 23587	33.07 1.63 0.00	29.02 1.30 0.00	27.81 1.16 0.00	25.74 1.04 0.00	26.60 1.09 0.00	27.74 1.21 0.00	28.35 1.41 0.00	34.87 1.68 0.00	37.84 1.88 0.00	34.87 1.84 0.00	35.71 1.96 0.00	39.28 2.14 0.00	38.54 2.13 0.00	46.79 2.57 0.00	44.08 2.38 0.00	48.83 2.41 0.00	42.08 2.09 0.00	40.75 2.01 0.00	46.21 2.18 0.00	47.29 2.23 0.00	58.51 2.14 -15.35	49.13 2.18 -0.65	35.61 1.57 0.00	24.65 1.13 0.00
ROSETON____2 23588	33.07 1.63 0.00	29.02 1.30 0.00	27.81 1.16 0.00	25.74 1.04 0.00	26.60 1.09 0.00	27.74 1.21 0.00	28.35 1.41 0.00	34.87 1.68 0.00	37.84 1.88 0.00	34.87 1.84 0.00	35.71 1.96 0.00	39.28 2.14 0.00	38.54 2.13 0.00	46.79 2.57 0.00	44.08 2.38 0.00	48.83 2.41 0.00	42.08 2.09 0.00	40.75 2.01 0.00	46.21 2.18 0.00	47.29 2.23 0.00	58.51 2.14 -15.35	49.13 2.18 -0.65	35.61 1.57 0.00	24.65 1.13 0.00
ROTTDRAM_115KV_TB3 80664	32.51 1.07 0.00	28.60 0.89 0.00	27.51 0.85 0.00	25.49 0.79 0.00	26.33 0.82 0.00	27.39 0.86 0.00	27.82 0.88 0.00	34.11 0.92 0.00	36.86 0.90 0.00	33.80 0.78 0.00	34.52 0.77 0.00	38.01 0.87 0.00	37.35 0.94 0.00	45.44 1.21 0.00	42.97 1.27 0.00	47.84 1.41 0.00	41.26 1.27 0.00	40.00 1.26 0.00	45.59 1.56 0.00	46.66 1.61 0.00	89.47 1.56 -46.90	55.74 1.60 -7.84	35.07 1.03 0.00	24.19 0.67 0.00
RUSSELL____1 23602	31.16 -0.28 0.00	27.37 -0.35 0.00	26.33 -0.33 0.00	24.35 -0.34 0.00	25.17 -0.33 0.00	26.10 -0.43 0.00	26.42 -0.51 0.00	32.54 -0.65 0.00	35.25 -0.71 0.00	32.57 -0.46 0.00	33.48 -0.27 0.00	36.90 -0.23 0.00	36.46 0.04 0.00	44.42 0.19 0.00	42.42 0.72 0.00	47.59 1.16 0.00	41.11 1.12 0.00	39.64 0.90 0.00	44.74 0.71 0.00	45.46 0.40 0.00	40.99 -0.03 0.00	46.60 0.30 0.00	34.24 0.20 0.00	23.40 -0.12 0.00
RUSSELL____2 23532	31.16 -0.28 0.00	27.37 -0.35 0.00	26.33 -0.33 0.00	24.35 -0.34 0.00	25.17 -0.33 0.00	26.10 -0.43 0.00	26.42 -0.51 0.00	32.54 -0.65 0.00	35.25 -0.71 0.00	32.57 -0.46 0.00	33.48 -0.27 0.00	36.90 -0.23 0.00	36.46 0.04 0.00	44.42 0.19 0.00	42.42 0.72 0.00	47.59 1.16 0.00	41.11 1.12 0.00	39.64 0.90 0.00	44.74 0.71 0.00	45.46 0.40 0.00	40.99 -0.03 0.00	46.60 0.30 0.00	34.24 0.20 0.00	23.40 -0.12 0.00
RUSSELL____3 23549	31.16 -0.28 0.00	27.37 -0.35 0.00	26.33 -0.33 0.00	24.35 -0.34 0.00	25.17 -0.33 0.00	26.10 -0.43 0.00	26.42 -0.51 0.00	32.54 -0.65 0.00	35.25 -0.71 0.00	32.57 -0.46 0.00	33.48 -0.27 0.00	36.90 -0.23 0.00	36.46 0.04 0.00	44.42 0.19 0.00	42.42 0.72 0.00	47.59 1.16 0.00	41.11 1.12 0.00	39.64 0.90 0.00	44.74 0.71 0.00	45.46 0.40 0.00	40.99 -0.03 0.00	46.60 0.30 0.00	34.24 0.20 0.00	23.40 -0.12 0.00
RUSSELL____4 23556	31.16 -0.28 0.00	27.37 -0.35 0.00	26.33 -0.33 0.00	24.35 -0.34 0.00	25.17 -0.33 0.00	26.10 -0.43 0.00	26.42 -0.51 0.00	32.54 -0.65 0.00	35.25 -0.71 0.00	32.57 -0.46 0.00	33.48 -0.27 0.00	36.90 -0.23 0.00	36.46 0.04 0.00	44.42 0.19 0.00	42.42 0.72 0.00	47.59 1.16 0.00	41.11 1.12 0.00	39.64 0.90 0.00	44.74 0.71 0.00	45.46 0.40 0.00	40.99 -0.03 0.00	46.60 0.30 0.00	34.24 0.20 0.00	23.40 -0.12 0.00
RUSSELL____STATION 23914	31.16 -0.28 0.00	27.37 -0.35 0.00	26.33 -0.33 0.00	24.35 -0.34 0.00	25.17 -0.33 0.00	26.10 -0.43 0.00	26.42 -0.51 0.00	32.54 -0.65 0.00	35.25 -0.71 0.00	32.57 -0.46 0.00	33.48 -0.27 0.00	36.90 -0.23 0.00	36.46 0.04 0.00	44.42 0.19 0.00	42.42 0.72 0.00	47.59 1.16 0.00	41.11 1.12 0.00	39.64 0.90 0.00	44.74 0.71 0.00	45.46 0.40 0.00	40.99 -0.03 0.00	46.60 0.30 0.00	34.24 0.20 0.00	23.40 -0.12 0.00
S SALMON____HYD 24043	31.06 -0.37 0.00	27.40 -0.31 0.00	26.30 -0.35 0.00	24.37 -0.32 0.00	25.20 -0.31 0.00	26.24 -0.29 0.00	26.59 -0.34 0.00	32.35 -0.84 0.00	34.97 -0.99 0.00	32.20 -0.83 0.00	32.91 -0.84 0.00	36.19 -0.94 0.00	35.61 -0.80 0.00	43.30 -0.93 0.00	41.12 -0.58 0.00	45.90 -0.53 0.00	39.76 -0.24 0.00	38.52 -0.23 0.00	43.80 -0.23 0.00	44.79 -0.26 0.00	40.73 -0.29 0.00	46.03 -0.27 0.00	33.68 -0.36 0.00	23.03 -0.49 0.00
S.PERRY__115KV_TB1 80734	32.03 0.59 0.00	28.08 0.36 0.00	26.97 0.31 0.00	24.98 0.29 0.00	25.83 0.33 0.00	26.83 0.29 0.00	27.27 0.34 0.00	33.62 0.43 0.00	36.13 0.17 0.00	33.10 0.08 0.00	33.81 0.05 0.00	36.65 -0.49 0.00	36.01 -0.40 0.00	43.87 -0.36 0.00	42.01 0.30 0.00	46.99 0.56 0.00	40.85 0.86 0.00	39.49 0.75 0.00	44.71 0.69 0.00	45.49 0.43 0.00	41.06 0.04 0.00	46.76 0.46 0.00	35.03 0.99 0.00	24.11 0.59 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.21 -1.23 0.00	26.50 -1.22 0.00	25.54 -1.12 0.00	23.66 -1.04 0.00	24.44 -1.07 0.00	25.23 -1.30 0.00	25.50 -1.44 0.00	31.89 -1.30 0.00	34.65 -1.31 0.00	32.07 -0.96 0.00	32.91 -0.85 0.00	36.19 -0.94 0.00	35.74 -0.67 0.00	43.46 -0.77 0.00	41.64 -0.06 0.00	46.71 0.28 0.00	40.30 0.31 0.00	38.80 0.06 0.00	43.62 -0.41 0.00	44.29 -0.77 0.00	39.78 -1.24 0.00	45.55 -0.75 0.00	33.64 -0.40 0.00	22.98 -0.54 0.00
SAWYER____23_KV_LOAD 55526	30.21 -1.23 0.00	26.50 -1.22 0.00	25.54 -1.12 0.00	23.66 -1.04 0.00	24.44 -1.07 0.00	25.23 -1.30 0.00	25.50 -1.44 0.00	31.89 -1.30 0.00	34.65 -1.31 0.00	32.07 -0.96 0.00	32.91 -0.85 0.00	36.19 -0.94 0.00	35.74 -0.67 0.00	43.46 -0.77 0.00	41.64 -0.06 0.00	46.71 0.28 0.00	40.30 0.31 0.00	38.80 0.06 0.00	43.62 -0.41 0.00	44.29 -0.77 0.00	39.78 -1.24 0.00	45.55 -0.75 0.00	33.64 -0.40 0.00	22.98 -0.54 0.00

SELKIRK___I 23801	32.27 0.83 0.00	28.38 0.66 0.00	27.33 0.67 0.00	25.34 0.64 0.00	26.17 0.66 0.00	27.22 0.69 0.00	27.59 0.65 0.00	33.79 0.60 0.00	36.47 0.51 0.00	33.37 0.34 0.00	34.06 0.31 0.00	37.51 0.37 0.00	36.83 0.42 0.00	44.91 0.68 0.00	42.53 0.82 0.00	47.29 0.86 0.00	40.83 0.83 0.00	39.59 0.85 0.00	45.19 1.16 0.00	46.36 1.30 0.00	62.82 1.30 -20.50	50.40 1.30 -2.80	34.81 0.77 0.00	24.06 0.54 0.00
SELKIRK___II 23799	32.13 0.69 0.00	28.27 0.56 0.00	27.21 0.55 0.00	25.22 0.52 0.00	26.05 0.54 0.00	27.10 0.57 0.00	27.51 0.58 0.00	33.76 0.57 0.00	36.53 0.57 0.00	33.51 0.48 0.00	34.24 0.49 0.00	37.73 0.60 0.00	37.06 0.65 0.00	45.15 0.92 0.00	42.64 0.94 0.00	47.33 0.91 0.00	40.80 0.81 0.00	39.53 0.79 0.00	45.06 1.03 0.00	46.17 1.11 0.00	63.55 1.13 -21.41	50.41 1.09 -3.02	34.68 0.64 0.00	23.97 0.45 0.00
SENECA OSWGO___HYD 24041	30.82 -0.62 0.00	27.22 -0.50 0.00	26.16 -0.50 0.00	24.24 -0.46 0.00	25.05 -0.46 0.00	26.07 -0.46 0.00	26.44 -0.49 0.00	32.15 -1.04 0.00	34.72 -1.24 0.00	31.91 -1.11 0.00	32.67 -1.08 0.00	35.98 -1.16 0.00	35.42 -0.99 0.00	43.07 -1.16 0.00	40.84 -0.86 0.00	45.62 -0.80 0.00	39.41 -0.59 0.00	38.18 -0.56 0.00	43.29 -0.74 0.00	44.22 -0.84 0.00	40.12 -0.90 0.00	45.26 -1.04 0.00	33.18 -0.86 0.00	22.79 -0.73 0.00
SENECA___115KV_TB3 355854	30.57 -0.87 0.00	26.81 -0.91 0.00	25.81 -0.85 0.00	23.92 -0.77 0.00	24.71 -0.80 0.00	25.54 -0.99 0.00	25.84 -1.09 0.00	32.24 -0.96 0.00	35.03 -0.93 0.00	32.42 -0.60 0.00	33.27 -0.48 0.00	36.63 -0.51 0.00	36.18 -0.23 0.00	44.02 -0.21 0.00	42.16 0.45 0.00	47.30 0.87 0.00	40.80 0.80 0.00	39.27 0.52 0.00	44.15 0.12 0.00	44.83 -0.23 0.00	40.23 -0.79 0.00	46.05 -0.26 0.00	33.99 -0.05 0.00	23.19 -0.33 0.00
SENECA___ENERGY 23797	31.03 -0.41 0.00	27.33 -0.38 0.00	26.28 -0.39 0.00	24.35 -0.35 0.00	25.18 -0.33 0.00	26.21 -0.32 0.00	26.57 -0.37 0.00	32.52 -0.67 0.00	35.24 -0.72 0.00	32.42 -0.61 0.00	33.16 -0.58 0.00	36.60 -0.54 0.00	36.15 -0.27 0.00	44.05 -0.18 0.00	41.90 0.19 0.00	46.89 0.46 0.00	40.55 0.56 0.00	39.15 0.41 0.00	44.33 0.30 0.00	45.16 0.10 0.00	40.71 -0.31 0.00	46.05 -0.25 0.00	33.82 -0.22 0.00	23.19 -0.33 0.00
SHOEMAKER___GT 23640	32.88 1.44 0.00	28.85 1.13 0.00	27.67 1.01 0.00	25.60 0.91 0.00	26.46 0.95 0.00	27.59 1.06 0.00	28.18 1.25 0.00	34.65 1.46 0.00	37.58 1.62 0.00	34.62 1.59 0.00	35.46 1.71 0.00	39.03 1.90 0.00	38.29 1.88 0.00	46.47 2.24 0.00	43.84 2.14 0.00	48.60 2.17 0.00	41.96 1.97 0.00	40.62 1.88 0.00	46.02 1.99 0.00	47.10 2.04 0.00	4.10 2.00 38.93	50.15 3.21 -0.64	36.34 2.30 0.00	25.10 1.58 0.00
SHOEMAKR_138KV_BK 111 55601	32.87 1.43 0.00	28.85 1.13 0.00	27.67 1.01 0.00	25.60 0.91 0.00	26.46 0.94 0.00	27.59 1.06 0.00	28.19 1.25 0.00	34.66 1.47 0.00	37.61 1.65 0.00	34.65 1.62 0.00	35.48 1.74 0.00	39.05 1.92 0.00	38.31 1.90 0.00	46.49 2.27 0.00	43.84 2.14 0.00	48.59 2.17 0.00	41.93 1.94 0.00	40.60 1.86 0.00	45.99 1.97 0.00	47.08 2.02 0.00	-12.91 1.98 55.91	50.09 3.15 -0.64	36.30 2.26 0.00	25.08 1.56 0.00
SHOREHAM_IC_1 23715	34.00 2.34 -0.22	29.51 1.79 0.00	28.20 1.54 0.00	26.17 1.48 0.00	27.00 1.49 0.00	28.96 1.84 -0.60	35.00 2.16 -5.91	35.72 2.53 0.00	38.59 2.63 0.00	37.12 3.02 -1.09	38.25 3.07 -1.42	40.45 3.31 0.00	39.82 3.33 -0.08	47.81 3.58 0.00	44.79 3.09 0.00	49.46 3.03 0.00	42.87 2.87 0.00	41.82 3.08 0.00	47.21 3.18 0.00	48.28 3.22 0.00	60.56 3.15 -16.39	49.58 2.61 -0.67	36.05 2.01 0.00	25.04 1.52 0.00
SHOREHAM_IC_2 23716	34.00 2.34 -0.22	29.51 1.79 0.00	28.20 1.54 0.00	26.17 1.48 0.00	27.00 1.49 0.00	28.96 1.84 -0.60	35.00 2.16 -5.91	35.72 2.53 0.00	38.59 2.63 0.00	37.12 3.02 -1.09	38.25 3.07 -1.42	40.45 3.31 0.00	39.82 3.33 -0.08	47.81 3.58 0.00	44.79 3.09 0.00	49.46 3.03 0.00	42.87 2.87 0.00	41.82 3.08 0.00	47.21 3.18 0.00	48.28 3.22 0.00	60.56 3.15 -16.39	49.58 2.61 -0.67	36.05 2.01 0.00	25.04 1.52 0.00
SISSONVILLE___ 23735	30.71 -0.73 0.00	27.07 -0.65 0.00	26.07 -0.60 0.00	24.13 -0.56 0.00	24.88 -0.63 0.00	25.82 -0.71 0.00	26.19 -0.74 0.00	32.33 -0.86 0.00	34.82 -1.14 0.00	31.91 -1.12 0.00	32.50 -1.25 0.00	35.70 -1.43 0.00	34.85 -1.56 0.00	42.25 -1.98 0.00	39.67 -2.03 0.00	44.31 -2.12 0.00	37.86 -2.14 0.00	36.93 -1.81 0.00	42.09 -1.94 0.00	43.24 -1.82 0.00	39.45 -1.57 0.00	45.22 -1.08 0.00	33.29 -0.75 0.00	22.95 -0.57 0.00
SITHE_IND_GS1 24169	30.43 -1.01 0.00	26.91 -0.81 0.00	25.88 -0.78 0.00	23.98 -0.72 0.00	24.78 -0.74 0.00	25.77 -0.76 0.00	26.11 -0.83 0.00	31.74 -1.45 0.00	34.22 -1.74 0.00	31.48 -1.54 0.00	32.23 -1.53 0.00	35.50 -1.63 0.00	34.93 -1.49 0.00	42.46 -1.77 0.00	40.22 -1.48 0.00	44.88 -1.55 0.00	38.73 -1.26 0.00	37.47 -1.28 0.00	42.47 -1.56 0.00	43.39 -1.67 0.00	39.39 -1.63 0.00	44.48 -1.81 0.00	32.65 -1.39 0.00	22.46 -1.06 0.00
SITHE_IND_GS2 24170	30.43 -1.01 0.00	26.91 -0.81 0.00	25.88 -0.78 0.00	23.98 -0.72 0.00	24.78 -0.74 0.00	25.77 -0.76 0.00	26.11 -0.83 0.00	31.74 -1.45 0.00	34.22 -1.74 0.00	31.48 -1.54 0.00	32.23 -1.53 0.00	35.50 -1.63 0.00	34.93 -1.49 0.00	42.46 -1.77 0.00	40.22 -1.48 0.00	44.88 -1.55 0.00	38.73 -1.26 0.00	37.47 -1.28 0.00	42.47 -1.56 0.00	43.39 -1.67 0.00	39.39 -1.63 0.00	44.48 -1.81 0.00	32.65 -1.39 0.00	22.46 -1.06 0.00
SITHE_IND_GS3 24171	30.43 -1.01 0.00	26.91 -0.81 0.00	25.88 -0.78 0.00	23.98 -0.72 0.00	24.78 -0.74 0.00	25.77 -0.76 0.00	26.11 -0.83 0.00	31.74 -1.45 0.00	34.22 -1.74 0.00	31.48 -1.54 0.00	32.23 -1.53 0.00	35.50 -1.63 0.00	34.93 -1.49 0.00	42.46 -1.77 0.00	40.22 -1.48 0.00	44.88 -1.55 0.00	38.73 -1.26 0.00	37.47 -1.28 0.00	42.47 -1.56 0.00	43.39 -1.67 0.00	39.39 -1.63 0.00	44.48 -1.81 0.00	32.65 -1.39 0.00	22.46 -1.06 0.00
SITHE_IND_GS4 24172	30.43 -1.01 0.00	26.91 -0.81 0.00	25.88 -0.78 0.00	23.98 -0.72 0.00	24.78 -0.74 0.00	25.77 -0.76 0.00	26.11 -0.83 0.00	31.74 -1.45 0.00	34.22 -1.74 0.00	31.48 -1.54 0.00	32.23 -1.53 0.00	35.50 -1.63 0.00	34.93 -1.49 0.00	42.46 -1.77 0.00	40.22 -1.48 0.00	44.88 -1.55 0.00	38.73 -1.26 0.00	37.47 -1.28 0.00	42.47 -1.56 0.00	43.39 -1.67 0.00	39.39 -1.63 0.00	44.48 -1.81 0.00	32.65 -1.39 0.00	22.46 -1.06 0.00
SITHE___BATAVIA 24024	31.22 -0.22 0.00	27.37 -0.35 0.00	26.34 -0.31 0.00	24.38 -0.31 0.00	25.20 -0.31 0.00	26.07 -0.46 0.00	26.39 -0.55 0.00	32.70 -0.49 0.00	35.39 -0.57 0.00	32.70 -0.33 0.00	33.55 -0.20 0.00	36.91 -0.22 0.00	36.52 0.10 0.00	44.55 0.32 0.00	42.69 0.98 0.00	47.96 1.52 0.00	41.57 1.57 0.00	40.19 1.44 0.00	45.31 1.29 0.00	45.96 0.90 0.00	41.35 0.33 0.00	47.17 0.87 0.00	34.70 0.66 0.00	23.69 0.17 0.00

SITHE___INDEPEND 23800	30.43 -1.01 0.00	26.91 -0.81 0.00	25.89 -0.78 0.00	23.98 -0.72 0.00	24.78 -0.74 0.00	25.77 -0.76 0.00	26.11 -0.83 0.00	31.74 -1.46 0.00	34.22 -1.74 0.00	31.48 -1.54 0.00	32.22 -1.53 0.00	35.50 -1.63 0.00	34.92 -1.49 0.00	42.46 -1.77 0.00	40.22 -1.48 0.00	44.87 -1.55 0.00	38.73 -1.26 0.00	37.46 -1.28 0.00	42.47 -1.56 0.00	43.38 -1.68 0.00	39.39 -1.63 0.00	44.49 -1.81 0.00	32.66 -1.38 0.00	22.46 -1.06 0.00
SITHE___MASSENA 23902	31.30 -0.14 0.00	27.61 -0.10 0.00	26.60 -0.06 0.00	24.63 -0.07 0.00	25.41 -0.10 0.00	26.35 -0.17 0.00	26.73 -0.20 0.00	33.04 -0.15 0.00	35.64 -0.33 0.00	32.67 -0.36 0.00	33.28 -0.47 0.00	36.53 -0.60 0.00	35.65 -0.76 0.00	43.20 -1.03 0.00	40.54 -1.16 0.00	45.27 -1.16 0.00	38.68 -1.31 0.00	37.64 -1.11 0.00	42.81 -1.21 0.00	43.89 -1.17 0.00	39.99 -1.03 0.00	45.80 -0.50 0.00	33.79 -0.25 0.00	23.37 -0.15 0.00
SITHE___OGDNSBRG 24021	31.53 0.09 0.00	27.79 0.07 0.00	26.78 0.12 0.00	24.79 0.10 0.00	25.56 0.05 0.00	26.53 0.01 0.00	26.91 -0.02 0.00	33.20 0.01 0.00	35.59 -0.37 0.00	32.57 -0.45 0.00	33.14 -0.61 0.00	36.39 -0.74 0.00	35.49 -0.92 0.00	43.10 -1.13 0.00	40.39 -1.31 0.00	45.10 -1.33 0.00	38.57 -1.42 0.00	37.72 -1.02 0.00	42.87 -1.16 0.00	44.29 -0.77 0.00	40.51 -0.51 0.00	46.49 0.20 0.00	34.25 0.21 0.00	23.63 0.11 0.00
SITHE___STERLING 23777	32.22 0.78 0.00	28.36 0.64 0.00	27.23 0.57 0.00	25.23 0.54 0.00	26.08 0.57 0.00	27.19 0.66 0.00	27.66 0.72 0.00	33.86 0.67 0.00	36.67 0.71 0.00	33.63 0.60 0.00	34.33 0.58 0.00	37.86 0.73 0.00	37.27 0.86 0.00	45.41 1.18 0.00	43.05 1.35 0.00	48.12 1.69 0.00	41.82 1.83 0.00	40.48 1.74 0.00	46.04 2.01 0.00	47.08 2.02 0.00	42.76 1.74 0.00	48.22 1.92 0.00	35.26 1.22 0.00	24.13 0.61 0.00
SLEIGHT___34_KV_TB1 80719	30.73 -0.71 0.00	27.03 -0.69 0.00	26.00 -0.66 0.00	24.05 -0.64 0.00	24.87 -0.64 0.00	25.82 -0.71 0.00	26.19 -0.74 0.00	32.21 -0.98 0.00	34.87 -1.09 0.00	32.21 -0.82 0.00	33.09 -0.66 0.00	36.47 -0.67 0.00	36.03 -0.38 0.00	43.92 -0.31 0.00	41.90 0.19 0.00	46.92 0.49 0.00	40.70 0.71 0.00	39.31 0.57 0.00	44.38 0.35 0.00	45.23 0.17 0.00	40.85 -0.17 0.00	46.28 -0.02 0.00	33.94 -0.09 0.00	23.15 -0.36 0.00
SOUTH CAIRO___GT 23612	33.26 1.82 0.00	29.19 1.47 0.00	28.10 1.44 0.00	26.05 1.35 0.00	26.90 1.39 0.00	27.98 1.45 0.00	28.36 1.43 0.00	34.81 1.62 0.00	37.51 1.55 0.00	34.09 1.07 0.00	34.67 0.92 0.00	38.27 1.14 0.00	37.70 1.29 0.00	46.17 1.94 0.00	43.90 2.19 0.00	48.96 2.53 0.00	42.54 2.55 0.00	41.51 2.77 0.00	47.62 3.59 0.00	48.86 3.80 0.00	65.03 3.45 -20.56	52.49 3.59 -2.61	36.26 2.22 0.00	24.89 1.38 0.00
SOUTH HAMPTN___IC 23720	34.48 2.82 -0.22	29.93 2.21 0.00	28.60 1.94 0.00	26.57 1.88 0.00	27.47 1.96 0.00	29.50 2.37 -0.60	35.58 2.74 -5.91	36.48 3.29 0.00	39.49 3.54 0.00	38.28 4.17 -1.09	39.19 4.02 -1.42	41.48 4.35 0.00	40.78 4.30 -0.08	48.94 4.71 0.00	45.73 4.03 0.00	50.60 4.17 0.00	43.87 3.88 0.00	42.76 4.02 0.00	48.17 4.14 0.00	49.27 4.22 0.00	61.44 4.04 -16.39	50.45 3.48 -0.67	36.63 2.59 0.00	25.48 1.96 0.00
SOUTHDOW___115KV_TB1 355954	31.42 -0.02 0.00	27.51 -0.21 0.00	26.46 -0.20 0.00	24.58 -0.11 0.00	25.43 -0.08 0.00	26.43 -0.10 0.00	27.01 0.07 0.00	33.86 0.67 0.00	36.95 0.99 0.00	34.17 1.14 0.00	35.01 1.26 0.00	38.70 1.57 0.00	38.20 1.79 0.00	46.45 2.21 0.00	44.45 2.75 0.00	49.76 3.33 0.00	42.86 2.86 0.00	41.14 2.40 0.00	46.28 2.24 0.00	47.07 2.01 0.00	42.13 1.11 0.00	48.23 1.93 0.00	35.58 1.54 0.00	24.17 0.65 0.00
SOUTHOLD_69_KV_BK 2 55809	34.85 3.20 -0.22	30.26 2.54 0.00	28.92 2.26 0.00	26.92 2.23 0.00	27.95 2.44 0.00	30.10 2.97 -0.60	36.24 3.40 -5.91	37.38 4.19 0.00	40.54 4.58 0.00	38.95 4.84 -1.08	40.12 4.95 -1.42	42.53 5.40 0.00	41.63 5.14 -0.07	49.21 4.99 0.00	45.90 4.20 0.00	50.93 4.51 0.00	44.16 4.17 0.00	43.01 4.27 0.00	48.28 4.26 0.00	49.90 4.84 0.00	62.26 4.85 -16.39	51.19 4.21 -0.67	37.07 3.04 0.00	25.92 2.40 0.00
SOUTHOLD___IC 23719	34.86 3.20 -0.22	30.26 2.54 0.00	28.92 2.26 0.00	26.92 2.23 0.00	27.95 2.44 0.00	30.10 2.97 -0.60	36.24 3.40 -5.91	37.37 4.19 0.00	40.55 4.58 0.00	38.95 4.84 -1.09	40.12 4.95 -1.42	42.53 5.40 0.00	41.61 5.12 -0.08	49.22 4.99 0.00	45.90 4.20 0.00	50.93 4.51 0.00	44.16 4.17 0.00	43.01 4.27 0.00	48.28 4.26 0.00	49.89 4.84 0.00	62.26 4.85 -16.39	51.19 4.21 -0.67	37.07 3.03 0.00	25.92 2.40 0.00
SOUTH_FORK_WT_PWR 323839	34.66 3.01 -0.22	30.12 2.41 0.00	28.81 2.15 0.00	26.86 2.17 0.00	27.98 2.46 0.00	30.19 3.05 -0.60	36.37 3.53 -5.91	37.54 4.35 0.00	40.74 4.78 0.00	39.14 5.03 -1.09	40.24 5.06 -1.42	42.62 5.48 0.00	41.67 5.18 -0.08	49.63 5.41 0.00	46.22 4.52 0.00	51.37 4.95 0.00	44.56 4.57 0.00	43.39 4.65 0.00	48.60 4.57 0.00	49.94 4.88 0.00	62.07 4.67 -16.39	50.88 3.90 -0.67	36.80 2.76 0.00	25.85 2.33 0.00
SPIERFLS_115KV_TB 1 80737	33.86 2.42 0.00	29.75 2.03 0.00	28.58 1.92 0.00	26.48 1.79 0.00	27.37 1.86 0.00	28.48 1.95 0.00	28.92 1.98 0.00	35.77 2.58 0.00	38.81 2.84 0.00	35.38 2.35 0.00	35.90 2.15 0.00	39.56 2.43 0.00	38.88 2.47 0.00	47.39 3.16 0.00	45.04 3.34 0.00	50.30 3.87 0.00	43.39 3.40 0.00	42.21 3.46 0.00	48.80 4.78 0.00	49.61 4.55 0.00	87.93 4.54 -42.37	57.95 4.70 -6.95	36.86 2.82 0.00	25.12 1.61 0.00
ST LAWRENCE____ 23600	31.07 -0.37 0.00	27.41 -0.31 0.00	26.41 -0.25 0.00	24.45 -0.25 0.00	25.22 -0.29 0.00	26.17 -0.36 0.00	26.55 -0.38 0.00	32.81 -0.38 0.00	35.42 -0.54 0.00	32.47 -0.56 0.00	33.10 -0.65 0.00	36.34 -0.79 0.00	35.48 -0.93 0.00	43.04 -1.19 0.00	40.41 -1.29 0.00	45.12 -1.30 0.00	38.74 -1.25 0.00	37.62 -1.12 0.00	42.79 -1.23 0.00	43.83 -1.23 0.00	39.93 -1.09 0.00	45.40 -0.90 0.00	33.50 -0.54 0.00	23.18 -0.34 0.00
STATE_CA_115KV_115_LB 55624	32.21 0.77 0.00	28.35 0.63 0.00	27.31 0.65 0.00	25.31 0.61 0.00	26.14 0.63 0.00	27.19 0.66 0.00	27.59 0.65 0.00	33.86 0.67 0.00	36.66 0.70 0.00	33.63 0.60 0.00	34.40 0.64 0.00	37.91 0.78 0.00	37.28 0.86 0.00	45.45 1.22 0.00	42.97 1.27 0.00	47.70 1.27 0.00	41.11 1.11 0.00	39.84 1.10 0.00	45.39 1.36 0.00	46.51 1.45 0.00	73.20 1.43 -30.76	52.47 1.41 -4.77	34.85 0.81 0.00	24.08 0.56 0.00
STATE_ST_34_KV_LOAD 55959	31.57 0.13 0.00	27.86 0.15 0.00	26.79 0.14 0.00	24.82 0.12 0.00	25.66 0.15 0.00	26.74 0.21 0.00	27.03 0.09 0.00	33.04 -0.15 0.00	35.77 -0.19 0.00	32.86 -0.17 0.00	33.46 -0.29 0.00	37.03 -0.11 0.00	36.49 0.08 0.00	44.35 0.12 0.00	42.18 0.48 0.00	47.13 0.70 0.00	40.69 0.70 0.00	39.36 0.62 0.00	44.64 0.61 0.00	45.56 0.50 0.00	41.05 0.04 0.00	46.38 0.09 0.00	34.12 0.08 0.00	23.43 -0.09 0.00

STATION 5_MISC_HYD 23604	30.97 -0.47 0.00	27.21 -0.51 0.00	26.19 -0.47 0.00	24.24 -0.46 0.00	25.05 -0.46 0.00	25.97 -0.56 0.00	26.29 -0.65 0.00	32.36 -0.83 0.00	35.04 -0.92 0.00	32.38 -0.65 0.00	33.26 -0.49 0.00	36.63 -0.50 0.00	36.18 -0.23 0.00	44.07 -0.16 0.00	42.05 0.35 0.00	47.17 0.74 0.00	40.74 0.74 0.00	39.29 0.55 0.00	44.34 0.31 0.00	45.07 0.01 0.00	40.65 -0.37 0.00	46.21 -0.09 0.00	33.98 -0.06 0.00	23.24 -0.28 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.25 -0.19 0.00	27.47 -0.24 0.00	26.42 -0.24 0.00	24.46 -0.23 0.00	25.29 -0.22 0.00	26.27 -0.25 0.00	26.63 -0.30 0.00	32.74 -0.45 0.00	35.49 -0.47 0.00	32.73 -0.30 0.00	33.59 -0.16 0.00	37.03 -0.10 0.00	36.57 0.15 0.00	44.56 0.33 0.00	42.49 0.79 0.00	47.62 1.19 0.00	41.18 1.19 0.00	39.72 0.98 0.00	44.86 0.83 0.00	45.63 0.58 0.00	41.15 0.13 0.00	46.65 0.35 0.00	34.25 0.21 0.00	23.42 -0.10 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.84 -0.60 0.00	27.10 -0.62 0.00	26.07 -0.59 0.00	24.13 -0.57 0.00	24.93 -0.58 0.00	25.86 -0.67 0.00	26.18 -0.75 0.00	32.23 -0.96 0.00	34.91 -1.05 0.00	32.25 -0.77 0.00	33.13 -0.62 0.00	36.51 -0.62 0.00	36.06 -0.36 0.00	43.93 -0.30 0.00	41.92 0.22 0.00	47.00 0.57 0.00	40.61 0.61 0.00	39.16 0.42 0.00	44.19 0.17 0.00	44.91 -0.15 0.00	40.52 -0.50 0.00	46.03 -0.27 0.00	33.83 -0.21 0.00	23.14 -0.38 0.00
STA_56____34_KV_BUS2 355983	30.84 -0.60 0.00	27.10 -0.62 0.00	26.07 -0.59 0.00	24.13 -0.57 0.00	24.93 -0.58 0.00	25.86 -0.67 0.00	26.18 -0.75 0.00	32.23 -0.96 0.00	34.91 -1.05 0.00	32.25 -0.77 0.00	33.13 -0.62 0.00	36.51 -0.62 0.00	36.06 -0.36 0.00	43.93 -0.30 0.00	41.92 0.22 0.00	47.00 0.57 0.00	40.61 0.61 0.00	39.16 0.42 0.00	44.19 0.17 0.00	44.91 -0.15 0.00	40.52 -0.50 0.00	46.03 -0.27 0.00	33.83 -0.21 0.00	23.14 -0.38 0.00
STA_67____115KV_BK2 355882	30.89 -0.55 0.00	27.15 -0.57 0.00	26.12 -0.53 0.00	24.18 -0.52 0.00	24.99 -0.53 0.00	25.91 -0.62 0.00	26.22 -0.72 0.00	32.28 -0.91 0.00	34.96 -1.00 0.00	32.28 -0.74 0.00	33.16 -0.59 0.00	36.52 -0.62 0.00	36.05 -0.36 0.00	43.91 -0.32 0.00	41.90 0.20 0.00	46.98 0.55 0.00	40.58 0.59 0.00	39.14 0.40 0.00	44.16 0.14 0.00	44.89 -0.16 0.00	40.51 -0.51 0.00	46.06 -0.24 0.00	33.87 -0.17 0.00	23.17 -0.34 0.00
STA_7____115KV_9TRANS 80674	31.16 -0.28 0.00	27.37 -0.35 0.00	26.33 -0.33 0.00	24.35 -0.34 0.00	25.17 -0.33 0.00	26.10 -0.43 0.00	26.42 -0.51 0.00	32.54 -0.65 0.00	35.25 -0.71 0.00	32.57 -0.46 0.00	33.48 -0.27 0.00	36.90 -0.23 0.00	36.46 0.04 0.00	44.42 0.19 0.00	42.42 0.72 0.00	47.59 1.16 0.00	41.11 1.12 0.00	39.64 0.90 0.00	44.74 0.71 0.00	45.46 0.40 0.00	40.99 -0.03 0.00	46.60 0.30 0.00	34.24 0.20 0.00	23.40 -0.12 0.00
STA_82____115KV_TB1 80780	30.91 -0.53 0.00	27.16 -0.56 0.00	26.14 -0.52 0.00	24.19 -0.50 0.00	25.00 -0.51 0.00	25.92 -0.61 0.00	26.23 -0.70 0.00	32.30 -0.89 0.00	34.97 -0.99 0.00	32.30 -0.72 0.00	33.17 -0.58 0.00	36.53 -0.60 0.00	36.06 -0.35 0.00	43.92 -0.31 0.00	41.93 0.22 0.00	47.00 0.57 0.00	40.60 0.61 0.00	39.16 0.42 0.00	44.20 0.17 0.00	44.93 -0.13 0.00	40.53 -0.49 0.00	46.08 -0.21 0.00	33.89 -0.15 0.00	23.19 -0.33 0.00
STEEL____WIND 323596	30.53 -0.91 0.00	26.78 -0.94 0.00	25.79 -0.87 0.00	23.89 -0.80 0.00	24.69 -0.82 0.00	25.52 -1.01 0.00	25.82 -1.11 0.00	32.21 -0.98 0.00	34.98 -0.98 0.00	32.39 -0.63 0.00	33.23 -0.52 0.00	36.55 -0.58 0.00	36.15 -0.26 0.00	43.94 -0.29 0.00	42.07 0.36 0.00	47.24 0.81 0.00	40.73 0.73 0.00	39.20 0.45 0.00	44.09 0.05 0.00	44.77 -0.29 0.00	40.17 -0.86 0.00	45.98 -0.32 0.00	33.95 -0.09 0.00	23.17 -0.35 0.00
STEPHTWN_115KV_BK_2 55603	32.32 0.89 0.00	28.42 0.70 0.00	27.34 0.69 0.00	25.32 0.63 0.00	26.18 0.66 0.00	27.27 0.74 0.00	27.69 0.76 0.00	34.05 0.86 0.00	36.84 0.88 0.00	33.71 0.68 0.00	34.48 0.73 0.00	38.08 0.95 0.00	37.39 0.98 0.00	45.69 1.47 0.00	43.14 1.43 0.00	47.98 1.55 0.00	41.33 1.34 0.00	40.04 1.30 0.00	45.78 1.75 0.00	46.89 1.83 0.00	68.39 1.68 -25.69	51.79 1.69 -3.80	34.99 0.95 0.00	24.17 0.65 0.00
STEUBEN_REC_LFGE 323667	31.61 0.17 0.00	27.71 -0.01 0.00	26.62 -0.04 0.00	24.70 0.00 0.00	25.55 0.04 0.00	26.56 0.03 0.00	27.01 0.07 0.00	33.29 0.10 0.00	36.45 0.49 0.00	33.49 0.46 0.00	34.27 0.52 0.00	37.67 0.54 0.00	37.23 0.82 0.00	45.33 1.10 0.00	43.27 1.56 0.00	48.34 1.91 0.00	41.77 1.78 0.00	39.85 1.11 0.00	44.77 0.74 0.00	45.84 0.78 0.00	41.04 0.02 0.00	46.88 0.58 0.00	34.69 0.65 0.00	23.73 0.21 0.00
STILLWATER____SOLAR 323814	33.25 1.81 0.00	29.25 1.53 0.00	28.14 1.48 0.00	26.06 1.37 0.00	26.94 1.43 0.00	28.03 1.49 0.00	28.45 1.52 0.00	35.14 1.95 0.00	38.12 2.15 0.00	34.81 1.78 0.00	35.41 1.66 0.00	39.01 1.87 0.00	38.37 1.96 0.00	46.83 2.60 0.00	44.40 2.70 0.00	49.51 3.09 0.00	42.76 2.77 0.00	41.52 2.78 0.00	47.64 3.61 0.00	48.68 3.62 0.00	85.08 3.52 -40.54	56.57 3.68 -6.59	36.32 2.28 0.00	24.97 1.45 0.00
STONY____BROOK 24151	34.30 2.64 -0.22	29.79 2.08 0.00	28.48 1.82 0.00	26.42 1.73 0.00	27.24 1.73 0.00	29.20 2.07 -0.60	35.21 2.37 -5.91	35.99 2.80 0.00	38.84 2.88 0.00	37.30 3.19 -1.09	38.49 3.31 -1.42	40.69 3.55 0.00	40.12 3.63 -0.08	48.18 3.95 0.00	44.95 3.25 0.00	49.59 3.16 0.00	43.08 3.09 0.00	42.04 3.30 0.00	47.47 3.44 0.00	48.50 3.44 0.00	60.72 3.31 -16.39	49.78 2.81 -0.67	36.31 2.27 0.00	25.24 1.72 0.00
STURGEON_POOL_HYD 23609	33.25 1.81 0.00	29.14 1.42 0.00	27.89 1.24 0.00	25.81 1.11 0.00	26.67 1.16 0.00	27.82 1.29 0.00	28.48 1.54 0.00	35.09 1.90 0.00	38.16 2.20 0.00	35.27 2.24 0.00	36.16 2.41 0.00	39.78 2.65 0.00	39.04 2.63 0.00	47.35 3.12 0.00	44.59 2.88 0.00	49.36 2.93 0.00	42.54 2.55 0.00	41.14 2.40 0.00	46.52 2.49 0.00	47.58 2.52 0.00	59.18 2.32 -15.84	49.85 2.40 -1.15	35.82 1.78 0.00	24.77 1.25 0.00
ST_LAW_115_BK7_LBMP 345037	31.03 -0.41 0.00	27.38 -0.34 0.00	26.38 -0.28 0.00	24.42 -0.27 0.00	25.19 -0.32 0.00	26.13 -0.40 0.00	26.52 -0.42 0.00	32.77 -0.42 0.00	35.36 -0.60 0.00	32.41 -0.61 0.00	33.04 -0.71 0.00	36.27 -0.86 0.00	35.40 -1.01 0.00	42.94 -1.29 0.00	40.30 -1.40 0.00	45.00 -1.43 0.00	38.62 -1.38 0.00	37.51 -1.23 0.00	42.68 -1.35 0.00	43.71 -1.35 0.00	39.82 -1.20 0.00	45.32 -0.98 0.00	33.46 -0.58 0.00	23.16 -0.36 0.00
ST_LAW_115_BK8_LBMP 345038	31.03 -0.41 0.00	27.38 -0.34 0.00	26.38 -0.28 0.00	24.42 -0.27 0.00	25.19 -0.32 0.00	26.13 -0.40 0.00	26.52 -0.42 0.00	32.77 -0.42 0.00	35.36 -0.60 0.00	32.41 -0.61 0.00	33.04 -0.71 0.00	36.27 -0.86 0.00	35.40 -1.01 0.00	42.94 -1.29 0.00	40.30 -1.40 0.00	45.00 -1.43 0.00	38.62 -1.38 0.00	37.51 -1.23 0.00	42.68 -1.35 0.00	43.71 -1.35 0.00	39.82 -1.20 0.00	45.32 -0.98 0.00	33.46 -0.58 0.00	23.16 -0.36 0.00

ST_LAW_230_BK5_LBMP 345035	31.07 -0.37 0.00	27.41 -0.31 0.00	26.41 -0.25 0.00	24.45 -0.25 0.00	25.22 -0.29 0.00	26.17 -0.36 0.00	26.55 -0.38 0.00	32.81 -0.38 0.00	35.42 -0.54 0.00	32.47 -0.56 0.00	33.10 -0.65 0.00	36.34 -0.79 0.00	35.48 -0.93 0.00	43.04 -1.19 0.00	40.41 -1.29 0.00	45.12 -1.30 0.00	38.74 -1.25 0.00	37.62 -1.12 0.00	42.79 -1.23 0.00	43.83 -1.23 0.00	39.93 -1.09 0.00	45.40 -0.90 0.00	33.50 -0.54 0.00	23.18 -0.34 0.00
ST_LAW_230_BK6_LBMP 345036	31.07 -0.37 0.00	27.41 -0.31 0.00	26.41 -0.25 0.00	24.45 -0.25 0.00	25.22 -0.29 0.00	26.17 -0.36 0.00	26.55 -0.38 0.00	32.81 -0.38 0.00	35.42 -0.54 0.00	32.47 -0.56 0.00	33.10 -0.65 0.00	36.34 -0.79 0.00	35.48 -0.93 0.00	43.04 -1.19 0.00	40.41 -1.29 0.00	45.12 -1.30 0.00	38.74 -1.25 0.00	37.62 -1.12 0.00	42.79 -1.23 0.00	43.83 -1.23 0.00	39.93 -1.09 0.00	45.40 -0.90 0.00	33.50 -0.54 0.00	23.18 -0.34 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.08 1.64 0.00	29.02 1.30 0.00	27.81 1.16 0.00	25.72 1.03 0.00	26.59 1.08 0.00	27.74 1.21 0.00	28.38 1.44 0.00	34.91 1.72 0.00	37.91 1.96 0.00	34.96 1.93 0.00	35.81 2.06 0.00	39.39 2.26 0.00	38.64 2.23 0.00	46.87 2.64 0.00	44.16 2.45 0.00	48.93 2.51 0.00	42.16 2.17 0.00	40.84 2.09 0.00	46.24 2.22 0.00	47.32 2.26 0.00	60.99 2.19 -17.79	49.42 2.48 -0.64	35.84 1.80 0.00	24.79 1.27 0.00
SWANROAD_115KV_TB1 355699	29.74 -1.70 0.00	26.08 -1.64 0.00	25.15 -1.51 0.00	23.30 -1.39 0.00	24.07 -1.44 0.00	24.79 -1.74 0.00	24.99 -1.94 0.00	30.98 -2.20 0.00	33.62 -2.34 0.00	31.12 -1.91 0.00	31.93 -1.82 0.00	35.08 -2.06 0.00	34.60 -1.81 0.00	42.08 -2.15 0.00	40.38 -1.33 0.00	45.28 -1.15 0.00	39.09 -0.90 0.00	37.69 -1.05 0.00	42.33 -1.70 0.00	42.95 -2.11 0.00	38.62 -2.40 0.00	44.28 -2.03 0.00	32.78 -1.25 0.00	22.51 -1.01 0.00
SYNERGY___BIOGAS 323694	31.22 -0.22 0.00	27.37 -0.35 0.00	26.34 -0.31 0.00	24.38 -0.31 0.00	25.20 -0.31 0.00	26.07 -0.46 0.00	26.39 -0.55 0.00	32.70 -0.49 0.00	35.39 -0.57 0.00	32.70 -0.33 0.00	33.55 -0.20 0.00	36.91 -0.22 0.00	36.52 0.10 0.00	44.55 0.32 0.00	42.69 0.98 0.00	47.96 1.52 0.00	41.57 1.57 0.00	40.19 1.44 0.00	45.31 1.29 0.00	45.96 0.90 0.00	41.35 0.33 0.00	47.17 0.87 0.00	34.70 0.66 0.00	23.69 0.17 0.00
SYRACUSE___ENERGY_ST1 323597	31.24 -0.20 0.00	27.58 -0.14 0.00	26.49 -0.17 0.00	24.54 -0.16 0.00	25.39 -0.12 0.00	26.42 -0.11 0.00	26.78 -0.16 0.00	32.64 -0.55 0.00	35.27 -0.69 0.00	32.44 -0.59 0.00	33.21 -0.55 0.00	36.65 -0.48 0.00	36.07 -0.34 0.00	43.90 -0.33 0.00	41.64 -0.06 0.00	46.45 0.02 0.00	40.13 0.14 0.00	38.82 0.08 0.00	43.99 -0.03 0.00	44.91 -0.15 0.00	40.67 -0.34 0.00	45.91 -0.39 0.00	33.68 -0.36 0.00	23.12 -0.39 0.00
SYRACUSE___ENERGY_ST2 323598	31.24 -0.20 0.00	27.58 -0.14 0.00	26.49 -0.17 0.00	24.54 -0.16 0.00	25.39 -0.12 0.00	26.42 -0.11 0.00	26.78 -0.16 0.00	32.64 -0.55 0.00	35.27 -0.69 0.00	32.44 -0.59 0.00	33.21 -0.55 0.00	36.65 -0.48 0.00	36.07 -0.34 0.00	43.90 -0.33 0.00	41.64 -0.06 0.00	46.45 0.02 0.00	40.13 0.14 0.00	38.82 0.08 0.00	43.99 -0.03 0.00	44.91 -0.15 0.00	40.67 -0.34 0.00	45.91 -0.39 0.00	33.68 -0.36 0.00	23.12 -0.39 0.00
SYRACUSE___POWER 24017	31.19 -0.25 0.00	27.52 -0.20 0.00	26.44 -0.22 0.00	24.50 -0.20 0.00	25.33 -0.18 0.00	26.35 -0.18 0.00	26.74 -0.20 0.00	32.60 -0.59 0.00	35.23 -0.73 0.00	32.41 -0.62 0.00	33.21 -0.54 0.00	36.63 -0.50 0.00	36.06 -0.36 0.00	43.90 -0.33 0.00	41.63 -0.08 0.00	46.45 0.02 0.00	40.13 0.14 0.00	38.78 0.04 0.00	43.94 -0.08 0.00	44.84 -0.21 0.00	40.63 -0.38 0.00	45.87 -0.44 0.00	33.63 -0.41 0.00	23.09 -0.43 0.00
TALLMAN___138KV_BK151 55660	33.31 1.87 0.00	29.20 1.48 0.00	27.98 1.32 0.00	25.86 1.16 0.00	26.74 1.23 0.00	27.93 1.40 0.00	28.62 1.68 0.00	35.19 2.00 0.00	38.25 2.29 0.00	35.29 2.26 0.00	36.15 2.40 0.00	39.72 2.59 0.00	38.93 2.52 0.00	47.18 2.95 0.00	44.38 2.68 0.00	49.10 2.67 0.00	42.32 2.33 0.00	41.02 2.28 0.00	46.41 2.38 0.00	47.49 2.43 0.00	63.96 2.31 -20.64	49.22 2.28 -0.65	35.75 1.71 0.00	24.75 1.23 0.00
TEALLAVE_115KV_TB7 355573	31.09 -0.35 0.00	27.43 -0.28 0.00	26.37 -0.29 0.00	24.42 -0.27 0.00	25.25 -0.26 0.00	26.28 -0.25 0.00	26.66 -0.27 0.00	32.51 -0.68 0.00	35.14 -0.82 0.00	32.33 -0.69 0.00	33.13 -0.62 0.00	36.54 -0.59 0.00	35.94 -0.46 0.00	43.74 -0.49 0.00	41.48 -0.22 0.00	46.27 -0.15 0.00	40.00 0.01 0.00	38.65 -0.09 0.00	43.79 -0.23 0.00	44.69 -0.37 0.00	40.51 -0.51 0.00	45.73 -0.57 0.00	33.53 -0.51 0.00	23.02 -0.50 0.00
TELGRAPH_34_KV_EAST 80808	30.55 -0.89 0.00	26.79 -0.93 0.00	25.80 -0.86 0.00	23.89 -0.80 0.00	24.69 -0.83 0.00	25.48 -1.05 0.00	25.75 -1.19 0.00	31.93 -1.26 0.00	34.63 -1.33 0.00	32.02 -1.00 0.00	32.87 -0.88 0.00	36.15 -0.98 0.00	35.71 -0.70 0.00	43.47 -0.76 0.00	41.69 -0.01 0.00	46.78 0.34 0.00	40.44 0.44 0.00	39.02 0.28 0.00	43.91 -0.13 0.00	44.54 -0.52 0.00	40.06 -0.96 0.00	45.82 -0.49 0.00	33.80 -0.23 0.00	23.13 -0.39 0.00
TEMPLE___115KV_TB 2 55572	31.11 -0.34 0.00	27.45 -0.27 0.00	26.38 -0.28 0.00	24.44 -0.26 0.00	25.26 -0.25 0.00	26.29 -0.24 0.00	26.67 -0.26 0.00	32.53 -0.66 0.00	35.16 -0.80 0.00	32.35 -0.68 0.00	33.16 -0.60 0.00	36.56 -0.58 0.00	35.97 -0.44 0.00	43.78 -0.45 0.00	41.51 -0.19 0.00	46.32 -0.11 0.00	40.04 0.05 0.00	38.67 -0.07 0.00	43.82 -0.21 0.00	44.70 -0.36 0.00	40.53 -0.49 0.00	45.73 -0.57 0.00	33.54 -0.50 0.00	23.02 -0.49 0.00
TIANA___69_KV_BK 1 55817	34.41 2.76 -0.22	29.86 2.15 0.00	28.53 1.88 0.00	26.50 1.80 0.00	27.37 1.86 0.00	29.37 2.24 -0.60	35.44 2.60 -5.91	36.28 3.10 0.00	39.26 3.30 0.00	37.89 3.78 -1.08	38.96 3.79 -1.42	41.24 4.11 0.00	40.60 4.11 -0.07	48.70 4.47 0.00	45.57 3.87 0.00	50.37 3.95 0.00	43.69 3.69 0.00	42.59 3.85 0.00	48.01 3.98 0.00	49.11 4.05 0.00	61.30 3.89 -16.39	50.33 3.36 -0.67	36.56 2.52 0.00	25.41 1.89 0.00
TILDEN___115KV_TB1 80814	31.19 -0.25 0.00	27.52 -0.20 0.00	26.44 -0.22 0.00	24.50 -0.20 0.00	25.33 -0.18 0.00	26.35 -0.18 0.00	26.74 -0.20 0.00	32.60 -0.59 0.00	35.23 -0.73 0.00	32.41 -0.62 0.00	33.21 -0.54 0.00	36.63 -0.50 0.00	36.06 -0.36 0.00	43.90 -0.33 0.00	41.63 -0.08 0.00	46.45 0.02 0.00	40.13 0.14 0.00	38.78 0.04 0.00	43.94 -0.08 0.00	44.84 -0.21 0.00	40.63 -0.38 0.00	45.87 -0.44 0.00	33.63 -0.41 0.00	23.09 -0.43 0.00
TRIGEN___CC 323695	34.15 2.49 -0.22	29.71 2.00 0.00	28.43 1.77 0.00	26.32 1.62 0.00	27.17 1.66 0.00	29.05 1.91 -0.60	35.05 2.21 -5.91	35.80 2.62 0.00	38.73 2.77 0.00	37.00 2.90 -1.08	38.20 3.02 -1.42	40.39 3.26 0.00	39.75 3.26 -0.07	47.91 3.67 0.00	44.99 3.29 0.00	49.68 3.25 0.00	42.87 2.87 0.00	41.71 2.97 0.00	47.16 3.13 0.00	48.16 3.11 0.00	60.45 3.04 -16.39	49.82 2.84 -0.67	36.33 2.29 0.00	25.19 1.67 0.00

TRINITY__115KV__4 BK 55933	32.07 0.63 0.00	28.22 0.51 0.00	27.20 0.53 0.00	25.20 0.50 0.00	26.03 0.52 0.00	27.07 0.54 0.00	27.45 0.52 0.00	33.69 0.50 0.00	36.46 0.50 0.00	33.44 0.41 0.00	34.19 0.43 0.00	37.68 0.55 0.00	37.03 0.62 0.00	45.14 0.91 0.00	42.68 0.97 0.00	47.36 0.93 0.00	40.80 0.81 0.00	39.54 0.80 0.00	45.09 1.06 0.00	46.20 1.15 0.00	68.73 1.16 -26.55	51.38 1.11 -3.97	34.64 0.61 0.00	23.94 0.42 0.00
UNION__PROCESSING_DRP 323587	30.91 -0.52 0.00	27.17 -0.55 0.00	26.14 -0.52 0.00	24.20 -0.50 0.00	25.01 -0.50 0.00	25.93 -0.60 0.00	26.24 -0.69 0.00	32.31 -0.88 0.00	34.99 -0.97 0.00	32.31 -0.72 0.00	33.19 -0.57 0.00	36.54 -0.59 0.00	36.07 -0.34 0.00	43.95 -0.29 0.00	41.94 0.23 0.00	47.03 0.60 0.00	40.62 0.63 0.00	39.18 0.43 0.00	44.22 0.19 0.00	44.95 -0.11 0.00	40.55 -0.47 0.00	46.10 -0.19 0.00	33.90 -0.13 0.00	23.19 -0.33 0.00
UPPER HUDSON__HYD 24058	33.86 2.42 0.00	29.74 2.03 0.00	28.58 1.93 0.00	26.48 1.79 0.00	27.37 1.86 0.00	28.48 1.95 0.00	28.92 1.99 0.00	35.77 2.58 0.00	38.81 2.85 0.00	35.38 2.35 0.00	35.90 2.15 0.00	39.56 2.43 0.00	38.88 2.47 0.00	47.39 3.16 0.00	45.04 3.33 0.00	50.30 3.88 0.00	43.39 3.39 0.00	42.21 3.47 0.00	48.80 4.78 0.00	49.61 4.56 0.00	87.93 4.54 -42.37	57.95 4.70 -6.95	36.85 2.82 0.00	25.12 1.61 0.00
UPPER RAQUET__HYD 24056	30.71 -0.73 0.00	27.07 -0.65 0.00	26.07 -0.60 0.00	24.13 -0.56 0.00	24.88 -0.63 0.00	25.82 -0.71 0.00	26.20 -0.74 0.00	32.33 -0.86 0.00	34.82 -1.14 0.00	31.91 -1.12 0.00	32.51 -1.25 0.00	35.70 -1.43 0.00	34.85 -1.56 0.00	42.25 -1.98 0.00	39.67 -2.03 0.00	44.31 -2.12 0.00	37.86 -2.14 0.00	36.93 -1.81 0.00	42.09 -1.93 0.00	43.24 -1.82 0.00	39.45 -1.57 0.00	45.22 -1.08 0.00	33.29 -0.75 0.00	22.95 -0.57 0.00
VALLEY44_115KV_TB2 355964	30.60 -0.84 0.00	26.83 -0.88 0.00	25.82 -0.84 0.00	23.96 -0.73 0.00	24.83 -0.68 0.00	25.82 -0.71 0.00	26.30 -0.64 0.00	32.77 -0.42 0.00	35.59 -0.37 0.00	32.71 -0.32 0.00	33.26 -0.49 0.00	36.58 -0.56 0.00	36.01 -0.40 0.00	43.52 -0.71 0.00	41.49 -0.22 0.00	46.47 0.04 0.00	40.08 0.09 0.00	38.54 -0.21 0.00	43.34 -0.69 0.00	44.21 -0.85 0.00	39.77 -1.25 0.00	45.49 -0.81 0.00	33.79 -0.25 0.00	23.13 -0.39 0.00
VALLEY__115KV_TB 1-4 80826	32.02 0.58 0.00	28.16 0.44 0.00	27.08 0.42 0.00	25.09 0.40 0.00	25.94 0.43 0.00	27.01 0.49 0.00	27.41 0.47 0.00	33.56 0.37 0.00	36.19 0.23 0.00	33.08 0.06 0.00	33.81 0.06 0.00	37.33 0.19 0.00	36.76 0.34 0.00	44.81 0.58 0.00	42.53 0.83 0.00	47.43 1.00 0.00	40.94 0.94 0.00	39.61 0.87 0.00	45.23 1.20 0.00	46.43 1.37 0.00	42.24 1.22 0.00	47.40 1.10 0.00	34.73 0.69 0.00	23.96 0.44 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.74 1.30 0.00	28.76 1.05 0.00	27.62 0.96 0.00	25.61 0.91 0.00	26.48 0.96 0.00	27.58 1.04 0.00	28.07 1.14 0.00	34.55 1.36 0.00	37.48 1.52 0.00	34.42 1.39 0.00	35.22 1.47 0.00	38.79 1.66 0.00	38.13 1.72 0.00	46.33 2.10 0.00	43.79 2.09 0.00	48.70 2.28 0.00	42.00 2.01 0.00	40.61 1.87 0.00	46.11 2.08 0.00	47.16 2.10 0.00	45.74 1.83 -2.90	49.12 1.94 -0.87	35.36 1.33 0.00	24.37 0.85 0.00
VISCHER__FERRY HYD 24020	32.65 1.21 0.00	28.77 1.06 0.00	27.72 1.06 0.00	25.68 0.98 0.00	26.54 1.03 0.00	27.58 1.05 0.00	27.97 1.03 0.00	34.37 1.18 0.00	37.20 1.24 0.00	34.04 1.02 0.00	34.74 0.99 0.00	38.29 1.15 0.00	37.63 1.21 0.00	45.91 1.68 0.00	43.44 1.73 0.00	48.24 1.81 0.00	41.54 1.55 0.00	40.31 1.57 0.00	46.09 2.06 0.00	47.24 2.18 0.00	79.66 2.18 -36.47	54.33 2.23 -5.80	35.38 1.34 0.00	24.43 0.91 0.00
V_A_10_SYNC_DSASP 323832	30.17 -1.27 0.00	26.49 -1.22 0.00	25.53 -1.13 0.00	23.65 -1.05 0.00	24.44 -1.07 0.00	25.27 -1.26 0.00	25.54 -1.40 0.00	31.55 -1.64 0.00	34.20 -1.76 0.00	31.63 -1.39 0.00	32.44 -1.31 0.00	35.63 -1.51 0.00	35.18 -1.23 0.00	42.73 -1.50 0.00	40.85 -0.85 0.00	45.80 -0.63 0.00	39.51 -0.48 0.00	38.07 -0.67 0.00	42.86 -1.17 0.00	43.57 -1.49 0.00	39.24 -1.78 0.00	44.83 -1.46 0.00	33.11 -0.93 0.00	22.67 -0.85 0.00
V_CMM_10_SYNC_DSASP 323787	31.17 -0.27 0.00	27.50 -0.22 0.00	26.49 -0.17 0.00	24.52 -0.17 0.00	25.31 -0.20 0.00	26.25 -0.27 0.00	26.64 -0.30 0.00	32.92 -0.27 0.00	35.53 -0.43 0.00	32.58 -0.45 0.00	33.19 -0.56 0.00	36.44 -0.70 0.00	35.57 -0.84 0.00	43.15 -1.08 0.00	40.50 -1.21 0.00	45.24 -1.19 0.00	38.82 -1.17 0.00	37.71 -1.03 0.00	42.91 -1.12 0.00	43.93 -1.13 0.00	40.01 -1.00 0.00	45.55 -0.75 0.00	33.62 -0.42 0.00	23.27 -0.25 0.00
V_CMP_10_SYNC_DSASP 323788	33.01 1.58 0.00	29.05 1.33 0.00	27.91 1.25 0.00	25.84 1.15 0.00	26.59 1.08 0.00	27.43 0.90 0.00	27.88 0.94 0.00	34.04 0.85 0.00	36.75 0.79 0.00	33.53 0.50 0.00	34.19 0.44 0.00	37.55 0.42 0.00	36.81 0.40 0.00	44.73 0.50 0.00	41.91 0.21 0.00	46.95 0.53 0.00	40.08 0.09 0.00	38.99 0.24 0.00	44.70 0.67 0.00	46.14 1.08 0.00	42.40 1.38 0.00	48.30 2.00 0.00	35.50 1.46 0.00	24.55 1.04 0.00
V_D_10_SYNC_DSASP 323841	31.30 -0.14 0.00	27.61 -0.10 0.00	26.61 -0.05 0.00	24.63 -0.06 0.00	25.41 -0.10 0.00	26.36 -0.17 0.00	26.74 -0.20 0.00	33.04 -0.15 0.00	35.64 -0.32 0.00	32.68 -0.35 0.00	33.28 -0.47 0.00	36.54 -0.60 0.00	35.67 -0.75 0.00	43.21 -1.02 0.00	40.55 -1.16 0.00	45.30 -1.13 0.00	38.71 -1.28 0.00	37.65 -1.09 0.00	42.84 -1.19 0.00	43.91 -1.15 0.00	40.00 -1.02 0.00	45.81 -0.50 0.00	33.79 -0.25 0.00	23.37 -0.15 0.00
V_E_10_SYNC_DSASP 323830	33.74 2.30 0.00	29.63 1.91 0.00	28.44 1.78 0.00	26.35 1.66 0.00	27.26 1.75 0.00	28.48 1.95 0.00	29.00 2.06 0.00	36.46 3.27 0.00	39.31 3.36 0.00	35.62 2.59 0.00	36.44 2.69 0.00	39.93 2.79 0.00	38.96 2.55 0.00	47.60 3.37 0.00	45.70 4.00 0.00	50.97 4.54 0.00	43.77 3.77 0.00	42.34 3.59 0.00	48.24 4.22 0.00	49.23 4.17 0.00	46.64 3.43 -2.19	50.36 3.66 -0.40	36.53 2.49 0.00	25.09 1.57 0.00
V_F_30_NSYNC__DSASP 323816	33.28 1.84 0.00	29.27 1.56 0.00	28.15 1.49 0.00	26.07 1.38 0.00	26.95 1.44 0.00	28.05 1.52 0.00	28.47 1.54 0.00	35.20 2.01 0.00	38.21 2.25 0.00	34.91 1.88 0.00	35.53 1.78 0.00	39.16 2.02 0.00	38.52 2.11 0.00	47.01 2.78 0.00	44.57 2.87 0.00	49.71 3.28 0.00	42.91 2.92 0.00	41.66 2.92 0.00	47.79 3.76 0.00	48.81 3.75 0.00	85.58 3.64 -40.92	56.79 3.82 -6.67	36.42 2.38 0.00	25.02 1.50 0.00
V_F_30_SYNC_DSASP 323786	32.21 0.77 0.00	28.34 0.63 0.00	27.31 0.65 0.00	25.31 0.61 0.00	26.14 0.63 0.00	27.19 0.66 0.00	27.58 0.65 0.00	33.86 0.67 0.00	36.66 0.69 0.00	33.62 0.59 0.00	34.39 0.64 0.00	37.91 0.78 0.00	37.27 0.86 0.00	45.45 1.22 0.00	42.97 1.27 0.00	47.70 1.27 0.00	41.10 1.11 0.00	39.84 1.10 0.00	45.38 1.35 0.00	46.51 1.45 0.00	73.05 1.43 -30.61	52.44 1.41 -4.74	34.85 0.81 0.00	24.07 0.55 0.00

WEST CANADA___HYD 24049	31.61 0.17 0.00	27.86 0.14 0.00	26.80 0.13 0.00	24.82 0.12 0.00	25.64 0.13 0.00	26.69 0.16 0.00	27.10 0.16 0.00	33.28 0.09 0.00	36.03 0.07 0.00	33.09 0.07 0.00	33.84 0.09 0.00	37.25 0.11 0.00	36.57 0.16 0.00	44.46 0.23 0.00	41.99 0.29 0.00	46.71 0.28 0.00	40.25 0.26 0.00	38.98 0.25 0.00	44.30 0.27 0.00	45.33 0.27 0.00	41.28 0.26 0.00	46.54 0.24 0.00	34.17 0.13 0.00	23.58 0.06 0.00
WESTERN_NY_WIND 24143	31.18 -0.26 0.00	27.33 -0.39 0.00	26.30 -0.36 0.00	24.35 -0.34 0.00	25.16 -0.34 0.00	26.03 -0.50 0.00	26.34 -0.59 0.00	32.65 -0.54 0.00	35.35 -0.61 0.00	32.64 -0.38 0.00	33.50 -0.25 0.00	36.88 -0.26 0.00	36.43 0.02 0.00	44.47 0.24 0.00	42.63 0.92 0.00	47.87 1.44 0.00	41.49 1.50 0.00	40.11 1.37 0.00	45.22 1.19 0.00	45.87 0.81 0.00	41.26 0.24 0.00	47.09 0.79 0.00	34.64 0.60 0.00	23.65 0.14 0.00
WESTOVER___LESR 323668	31.48 0.04 0.00	27.68 -0.03 0.00	26.59 -0.07 0.00	24.70 0.00 0.00	25.53 0.02 0.00	26.59 0.06 0.00	27.06 0.12 0.00	33.23 0.05 0.00	36.02 0.06 0.00	33.08 0.05 0.00	33.84 0.09 0.00	37.29 0.16 0.00	36.75 0.33 0.00	44.70 0.47 0.00	42.38 0.67 0.00	47.15 0.72 0.00	40.69 0.69 0.00	39.23 0.48 0.00	44.41 0.38 0.00	45.41 0.35 0.00	40.97 0.03 0.07	46.79 0.23 -0.26	34.20 0.16 0.00	23.47 -0.05 0.00
WETHRSFD_WT_PWR 323626	30.65 -0.79 0.00	26.89 -0.83 0.00	25.88 -0.78 0.00	24.01 -0.69 0.00	24.82 -0.69 0.00	25.70 -0.83 0.00	26.05 -0.88 0.00	32.29 -0.89 0.00	35.11 -0.85 0.00	32.42 -0.61 0.00	33.20 -0.55 0.00	36.52 -0.62 0.00	36.08 -0.33 0.00	43.85 -0.38 0.00	41.91 0.21 0.00	46.95 0.52 0.00	40.52 0.52 0.00	38.93 0.19 0.00	43.73 -0.30 0.00	44.47 -0.59 0.00	39.94 -1.08 0.00	45.72 -0.59 0.00	33.76 -0.28 0.00	23.06 -0.46 0.00
WHAVSTOR_138KV_BK127 55557	33.28 1.84 0.00	29.18 1.46 0.00	27.96 1.30 0.00	25.85 1.15 0.00	26.73 1.22 0.00	27.90 1.37 0.00	28.58 1.65 0.00	35.16 1.96 0.00	38.19 2.23 0.00	35.23 2.20 0.00	36.08 2.33 0.00	39.63 2.50 0.00	38.81 2.40 0.00	47.00 2.77 0.00	44.22 2.51 0.00	48.92 2.49 0.00	42.16 2.17 0.00	40.87 2.13 0.00	46.25 2.22 0.00	47.32 2.26 0.00	62.26 2.16 -19.09	49.09 2.14 -0.65	35.64 1.60 0.00	24.70 1.18 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.28 1.84 0.00	29.18 1.46 0.00	27.96 1.30 0.00	25.85 1.15 0.00	26.73 1.22 0.00	27.90 1.37 0.00	28.58 1.65 0.00	35.16 1.96 0.00	38.19 2.23 0.00	35.23 2.20 0.00	36.08 2.33 0.00	39.63 2.50 0.00	38.81 2.40 0.00	47.00 2.77 0.00	44.22 2.51 0.00	48.92 2.49 0.00	42.16 2.17 0.00	40.87 2.13 0.00	46.25 2.22 0.00	47.32 2.26 0.00	62.26 2.16 -19.09	49.09 2.14 -0.65	35.64 1.60 0.00	24.70 1.18 0.00
WHITEHAL_115KV_TB1 80871	35.06 3.62 0.00	30.75 3.03 0.00	29.53 2.87 0.00	27.36 2.67 0.00	28.28 2.77 0.00	29.40 2.87 0.00	29.83 2.89 0.00	36.80 3.61 0.00	39.68 3.72 0.00	35.77 2.75 0.00	36.42 2.67 0.00	40.11 2.98 0.00	39.44 3.02 0.00	48.56 4.33 0.00	46.40 4.70 0.00	51.99 5.56 0.00	44.53 4.54 0.00	43.41 4.67 0.00	50.62 6.59 0.00	50.52 5.46 0.00	88.38 5.31 -42.04	58.96 5.77 -6.89	37.50 3.46 0.00	25.80 2.29 0.00
WHITEPLN_13_KV_LOAD 356215	33.88 2.44 0.00	29.68 1.97 0.00	28.43 1.77 0.00	26.27 1.57 0.00	27.15 1.64 0.00	28.36 1.84 0.00	29.06 2.13 0.00	35.80 2.61 0.00	38.90 2.94 0.00	35.93 2.91 0.00	36.82 3.07 0.00	40.49 3.36 0.00	39.76 3.35 0.00	48.25 4.02 0.00	45.39 3.69 0.00	50.24 3.82 0.00	43.27 3.28 0.00	41.94 3.20 0.00	47.45 3.43 0.00	48.49 3.43 0.00	60.75 3.22 -16.52	50.32 3.34 -0.67	36.49 2.45 0.00	25.24 1.72 0.00
WM_FLOYD_69_KV_BK2 356380	34.27 2.61 -0.22	29.76 2.05 0.00	28.44 1.78 0.00	26.40 1.70 0.00	27.23 1.72 0.00	29.20 2.07 -0.60	35.23 2.39 -5.91	36.00 2.81 0.00	38.89 2.93 0.00	37.36 3.25 -1.08	38.52 3.34 -1.42	40.72 3.59 0.00	40.12 3.64 -0.07	48.19 3.96 0.00	45.12 3.41 0.00	49.80 3.37 0.00	43.18 3.18 0.00	42.14 3.40 0.00	47.58 3.55 0.00	48.66 3.60 0.00	60.90 3.50 -16.39	50.00 3.02 -0.67	36.37 2.33 0.00	25.24 1.72 0.00
WOODARD__115KV_TB2 355635	31.03 -0.42 0.00	27.39 -0.33 0.00	26.32 -0.34 0.00	24.38 -0.32 0.00	25.21 -0.30 0.00	26.23 -0.30 0.00	26.61 -0.33 0.00	32.43 -0.76 0.00	35.04 -0.92 0.00	32.24 -0.79 0.00	33.02 -0.73 0.00	36.41 -0.72 0.00	35.83 -0.58 0.00	43.60 -0.63 0.00	41.35 -0.36 0.00	46.12 -0.31 0.00	39.84 -0.15 0.00	38.53 -0.21 0.00	43.67 -0.36 0.00	44.57 -0.49 0.00	40.42 -0.60 0.00	45.62 -0.68 0.00	33.45 -0.59 0.00	22.97 -0.55 0.00
YORK___WARBASSE 23770	37.35 2.40 -3.51	29.85 1.98 -0.15	28.49 1.83 -0.01	26.30 1.60 0.00	27.23 1.72 0.00	28.45 1.92 0.00	29.15 2.22 0.00	35.81 2.62 0.00	38.88 2.92 0.00	35.94 2.91 0.00	36.78 3.03 0.00	40.36 3.22 0.00	39.64 3.23 0.00	48.08 3.85 0.00	45.17 3.46 0.00	50.01 3.58 0.00	43.12 3.13 0.00	41.76 3.02 0.00	47.25 3.22 0.00	48.31 3.25 0.00	60.49 3.10 -16.37	50.22 3.25 -0.67	36.55 2.51 0.00	35.40 1.80 -10.07