

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										03/18/2025	
Generator Data																																	
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00								
59TH STREET_GT_1 24138	EDT	40.46	37.83	35.63	35.22	36.26	41.16	58.14	72.89	54.47	39.43	35.11	31.12	29.16	28.17	27.73	30.74	33.75	40.64	50.38	61.57	53.98	43.53	39.81	37.03								
		1.44	1.28	1.10	1.16	1.29	1.70	2.77	4.06	3.13	2.44	2.26	2.06	1.96	1.87	1.89	2.04	2.24	2.59	2.90	3.37	3.01	2.46	2.15	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	0.00	0.00	0.00	0.00								
74TH STREET_GT_1 24260	EDT	40.58	37.94	35.73	35.32	36.36	41.24	58.14	72.90	54.52	39.40	35.05	31.06	29.13	28.14	27.71	30.73	33.65	40.64	50.48	61.63	54.08	43.65	39.92	37.10								
		1.56	1.39	1.21	1.26	1.40	1.78	2.77	4.06	3.18	2.40	2.20	2.00	1.93	1.84	1.86	2.04	2.14	2.59	2.99	3.43	3.11	2.59	2.26	1.90								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
74TH STREET_GT_2 24261	EDT	40.58	37.94	35.73	35.32	36.36	41.24	58.14	72.90	54.52	39.40	35.05	31.06	29.13	28.14	27.71	30.73	33.65	40.64	50.48	61.63	54.08	43.65	39.92	37.10								
		1.56	1.39	1.21	1.26	1.40	1.78	2.77	4.06	3.18	2.40	2.20	2.00	1.93	1.84	1.86	2.04	2.14	2.59	2.99	3.43	3.11	2.59	2.26	1.90								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK HUDSON___FALLS 24011	EDT	39.96	37.39	35.32	34.94	36.01	40.84	57.76	72.00	53.24	37.77	33.34	29.32	27.39	26.35	25.90	28.96	31.98	39.16	48.96	60.17	52.80	42.63	38.98	36.40								
		0.94	0.84	0.79	0.89	1.05	1.38	2.38	3.17	1.90	0.78	0.49	0.26	0.19	0.05	0.05	0.26	0.47	1.10	1.47	1.98	1.83	1.56	1.32	1.20								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK RESOURCE___RCVRY 23798	EDT	40.03	37.47	35.35	35.05	36.08	41.00	58.03	72.34	53.34	37.81	33.37	29.32	27.34	26.33	25.87	28.95	31.98	39.19	49.05	60.35	52.96	42.75	39.06	36.43								
		1.01	0.91	0.83	0.99	1.12	1.54	2.66	3.51	2.00	0.81	0.52	0.26	0.14	0.03	0.03	0.26	0.47	1.14	1.56	2.15	1.99	1.68	1.39	1.23								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK S GLENS___FALLS 24028	EDT	39.96	37.39	35.32	34.94	36.01	40.84	57.76	72.00	53.24	37.77	33.34	29.32	27.39	26.35	25.90	28.96	31.98	39.16	48.96	60.17	52.80	42.63	38.98	36.40								
		0.94	0.84	0.79	0.89	1.05	1.38	2.38	3.17	1.90	0.78	0.49	0.26	0.19	0.05	0.05	0.26	0.47	1.10	1.47	1.98	1.83	1.56	1.32	1.20								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK_NYS___DAM 23527	EDT	40.07	37.43	35.39	34.98	35.98	40.88	57.26	71.04	52.98	38.32	33.97	30.05	28.07	27.17	26.73	29.64	32.70	39.77	49.43	60.23	52.96	43.00	39.40	37.00								
		1.05	0.88	0.86	0.92	1.01	1.42	1.88	2.20	1.64	1.33	1.12	0.99	0.87	0.87	0.88	0.95	1.20	1.71	1.95	2.04	1.99	1.93	1.73	1.79								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
AIR_PRODUCTS___DRP 24190	EDT	39.18	36.66	34.73	34.33	35.24	39.89	55.98	69.66	51.95	37.40	33.34	29.52	27.58	26.67	26.21	29.13	32.01	38.66	48.05	58.77	51.58	41.72	38.27	35.87								
		0.16	0.11	0.21	0.27	0.28	0.43	0.61	0.83	0.62	0.41	0.49	0.46	0.38	0.37	0.36	0.43	0.50	0.61	0.57	0.58	0.61	0.66	0.60	0.67								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
AKWESSNE_115KV_BK 355683	EDT	39.53	37.10	35.11	34.67	35.56	40.13	56.10	69.59	52.06	37.47	33.24	29.35	27.45	26.54	26.08	28.96	31.76	38.43	47.96	58.89	51.53	41.48	38.04	35.52								
		0.51	0.55	0.59	0.61	0.59	0.67	0.72	0.76	0.72	0.48	0.39	0.29	0.24	0.24	0.23	0.26	0.25	0.38	0.47	0.70	0.56	0.41	0.38	0.32								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ALBANY_1_SOLAR 323833	EDT	39.88	37.36	35.32	34.91	35.87	40.61	56.98	70.76	52.36	37.47	33.24	29.35	27.42	26.48	26.05	28.98	31.95	38.85	48.62	59.59	52.35	42.30	38.76	36.33								
		0.86	0.80	0.79	0.85	0.91	1.15	1.61	1.92	1.03	0.48	0.40	0.29	0.22	0.19	0.21	0.29	0.44	0.80	1.14	1.39	1.38	1.23	1.09	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	0.00	0.00	0.00	0.00								
ALBANY_2_SOLAR 323834	EDT	39.88	37.32	35.28	34.91	35.87	40.61	56.98	70.69	52.36	37.47	33.24	29.35	27.42	26.48	26.05	28.98	31.95	38.85	48.62	59.59	52.35	42.30	38.76	36.33								
		0.86	0.77	0.76	0.85	0.91	1.15	1.61	1.86	1.03	0.48	0.40	0.29	0.22	0.19	0.21	0.29	0.44	0.80	1.14	1.39	1.38	1.23	1.09	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	0.00	0.00	0.00	0.00								
ALBANY___1 23571	EDT	39.18	36.66	34.73	34.33	35.24	39.89	55.98	69.66	51.95	37.40	33.34	29.52	27.58	26.67	26.21	29.13	32.01	38.66	48.05	58.77	51.58	41.72	38.27	35.87								
		0.16	0.11	0.21	0.27	0.28	0.43	0.61	0.83	0.62	0.41	0.49	0.46	0.38	0.37	0.36	0.43	0.50	0.61	0.57	0.58	0.61	0.66	0.60	0.67								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								

ALBANY___2 23572	39.18 0.16 0.00	36.66 0.11 0.00	34.73 0.21 0.00	34.33 0.27 0.00	35.24 0.28 0.00	39.89 0.43 0.00	55.98 0.61 0.00	69.66 0.83 0.00	51.95 0.62 0.00	37.40 0.41 0.00	33.34 0.49 0.00	29.52 0.46 0.00	27.58 0.38 0.00	26.67 0.37 0.00	26.21 0.36 0.00	29.13 0.43 0.00	32.01 0.50 0.00	38.66 0.61 0.00	48.05 0.57 0.00	58.77 0.58 0.00	51.58 0.61 0.00	41.72 0.66 0.00	38.27 0.60 0.00	35.87 0.67 0.00
ALBANY___3 23573	39.18 0.16 0.00	36.66 0.11 0.00	34.73 0.21 0.00	34.33 0.27 0.00	35.24 0.28 0.00	39.89 0.43 0.00	55.98 0.61 0.00	69.66 0.83 0.00	51.95 0.62 0.00	37.40 0.41 0.00	33.34 0.49 0.00	29.52 0.46 0.00	27.58 0.38 0.00	26.67 0.37 0.00	26.21 0.36 0.00	29.13 0.43 0.00	32.01 0.50 0.00	38.66 0.61 0.00	48.05 0.57 0.00	58.77 0.58 0.00	51.58 0.61 0.00	41.72 0.66 0.00	38.27 0.60 0.00	35.87 0.67 0.00
ALBANY___4 23574	39.18 0.16 0.00	36.66 0.11 0.00	34.73 0.21 0.00	34.33 0.27 0.00	35.24 0.28 0.00	39.89 0.43 0.00	55.98 0.61 0.00	69.66 0.83 0.00	51.95 0.62 0.00	37.40 0.41 0.00	33.34 0.49 0.00	29.52 0.46 0.00	27.58 0.38 0.00	26.67 0.37 0.00	26.21 0.36 0.00	29.13 0.43 0.00	32.01 0.50 0.00	38.66 0.61 0.00	48.05 0.57 0.00	58.77 0.58 0.00	51.58 0.61 0.00	41.72 0.66 0.00	38.27 0.60 0.00	35.87 0.67 0.00
ALBANY___LFGE 323615	39.45 0.43 0.00	36.96 0.40 0.00	34.97 0.45 0.00	34.57 0.51 0.00	35.49 0.53 0.00	40.21 0.75 0.00	56.48 1.11 0.00	70.28 1.45 0.00	52.36 1.03 0.00	37.66 0.67 0.00	33.57 0.72 0.00	29.67 0.61 0.00	27.72 0.52 0.00	26.80 0.50 0.00	26.34 0.49 0.00	29.27 0.57 0.00	32.20 0.69 0.00	38.97 0.91 0.00	48.43 0.95 0.00	59.24 1.05 0.00	51.99 1.02 0.00	42.05 0.98 0.00	38.53 0.87 0.00	36.12 0.91 0.00
ALCOA_PA_115KV_PL-6C 55860	39.61 0.59 0.00	37.17 0.62 0.00	35.18 0.66 0.00	34.74 0.68 0.00	35.59 0.63 0.00	40.21 0.75 0.00	56.15 0.78 0.00	69.73 0.89 0.00	52.11 0.77 0.00	37.51 0.52 0.00	33.21 0.36 0.00	29.32 0.26 0.00	27.42 0.22 0.00	26.54 0.24 0.00	26.06 0.21 0.00	28.96 0.26 0.00	31.76 0.25 0.00	38.43 0.38 0.00	48.01 0.52 0.00	59.01 0.81 0.00	51.63 0.66 0.00	41.52 0.45 0.00	38.08 0.41 0.00	35.52 0.32 0.00
ALCOA_RYNLDS___DRP 24188	39.61 0.59 0.00	37.17 0.62 0.00	35.18 0.66 0.00	34.74 0.68 0.00	35.59 0.63 0.00	40.21 0.75 0.00	56.15 0.78 0.00	69.73 0.89 0.00	52.11 0.77 0.00	37.51 0.52 0.00	33.21 0.36 0.00	29.32 0.26 0.00	27.42 0.22 0.00	26.54 0.24 0.00	26.06 0.21 0.00	28.96 0.26 0.00	31.76 0.25 0.00	38.43 0.38 0.00	48.01 0.52 0.00	59.01 0.81 0.00	51.63 0.66 0.00	41.52 0.45 0.00	38.08 0.41 0.00	35.52 0.32 0.00
ALCOA___DSASP 323711	39.61 0.59 0.00	37.17 0.62 0.00	35.18 0.65 0.00	34.74 0.68 0.00	35.60 0.63 0.00	40.21 0.75 0.00	56.15 0.77 0.00	69.73 0.89 0.00	52.11 0.77 0.00	37.51 0.52 0.00	33.21 0.36 0.00	29.32 0.26 0.00	27.42 0.22 0.00	26.53 0.24 0.00	26.05 0.21 0.00	28.93 0.23 0.00	31.76 0.25 0.00	38.43 0.38 0.00	48.01 0.52 0.00	59.01 0.81 0.00	51.63 0.66 0.00	41.52 0.45 0.00	38.08 0.42 0.00	35.52 0.32 0.00
ALLEGHENY___COGEN 23514	39.37 0.35 0.00	36.84 0.29 0.00	34.66 0.14 0.00	34.09 0.03 0.00	34.93 -0.03 0.00	39.46 0.00 0.00	55.65 0.28 0.00	68.15 -0.69 0.00	49.74 -1.59 0.00	35.40 -1.59 0.00	31.18 -1.67 0.00	27.40 -1.66 0.00	25.76 -1.44 0.00	24.93 -1.37 0.00	24.45 -1.40 0.00	27.23 -1.46 0.00	30.00 -1.51 0.00	36.57 -1.48 0.00	46.72 -0.76 0.00	58.25 0.06 0.00	50.62 -0.35 0.00	40.12 -0.94 0.00	37.10 -0.56 0.00	34.43 -0.77 0.00
ALTAMONT_115KV_TB 2 55880	39.53 0.51 0.00	36.99 0.44 0.00	34.97 0.45 0.00	34.54 0.48 0.00	35.49 0.52 0.00	40.05 0.59 0.00	56.26 0.89 0.00	70.00 1.17 0.00	52.21 0.87 0.00	37.62 0.63 0.00	33.44 0.59 0.00	29.58 0.52 0.00	27.69 0.49 0.00	26.77 0.47 0.00	26.31 0.47 0.00	29.24 0.55 0.00	32.11 0.60 0.00	38.85 0.80 0.00	48.43 0.95 0.00	59.24 1.05 0.00	52.04 1.07 0.00	42.01 0.94 0.00	38.49 0.83 0.00	36.01 0.81 0.00
ALTONA_WT_PWR 323606	40.54 1.52 0.00	38.24 1.68 0.00	36.32 1.79 0.00	35.97 1.91 0.00	36.92 1.96 0.00	41.79 2.33 0.00	57.53 2.16 0.00	70.42 1.58 0.00	53.39 2.06 0.00	38.99 2.00 0.00	34.46 1.61 0.00	30.42 1.37 0.00	28.43 1.23 0.00	27.45 1.16 0.00	26.96 1.11 0.00	29.93 1.23 0.00	32.86 1.35 0.00	39.81 1.75 0.00	49.72 2.23 0.00	60.99 2.79 0.00	53.27 2.30 0.00	42.67 1.60 0.00	39.09 1.43 0.00	36.36 1.16 0.00
AMERICAN_REF_FUEL 24010	36.56 -2.46 0.00	34.25 -2.30 0.00	32.11 -2.42 0.00	31.54 -2.52 0.00	32.31 -2.66 0.00	36.38 -3.08 0.00	50.67 -4.71 0.00	61.75 -7.09 0.00	46.10 -5.24 0.00	33.63 -3.37 0.00	29.80 -3.05 0.00	26.27 -2.79 0.00	24.78 -2.42 0.00	23.96 -2.34 0.00	23.47 -2.38 0.00	25.97 -2.73 0.00	28.45 -3.06 0.00	34.02 -4.03 0.00	42.69 -4.79 0.00	52.72 -5.47 0.00	45.62 -5.35 0.00	36.01 -5.05 0.00	33.82 -3.84 0.00	31.65 -3.55 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.02 0.00 0.00	36.44 -0.11 0.00	34.07 -0.45 0.00	33.34 -0.72 0.00	33.95 -1.02 0.00	38.12 -1.34 0.00	53.55 -1.83 0.00	65.12 -3.72 0.00	48.31 -3.03 0.00	35.14 -1.85 0.00	31.18 -1.67 0.00	27.60 -1.45 0.00	26.06 -1.14 0.00	25.25 -1.05 0.00	24.74 -1.11 0.00	27.52 -1.18 0.00	30.09 -1.42 0.00	36.27 -1.79 0.00	45.68 -1.80 0.00	56.45 -1.74 0.00	48.52 -2.45 0.00	37.82 -3.25 0.00	35.14 -2.52 0.00	32.70 -2.50 0.00
ARTHUR KILL_GT_1 23520	49.12 1.80 -8.30	48.49 1.61 -10.33	48.48 1.38 -12.58	48.48 1.43 -12.99	48.49 1.57 -11.95	48.46 1.89 -7.10	57.80 2.43 0.01	72.61 3.78 0.01	54.84 2.92 -0.58	52.16 2.26 -12.91	50.15 2.04 -15.26	51.43 1.86 -20.51	50.13 1.77 -21.16	50.10 1.68 -22.12	51.36 1.71 -23.81	51.41 1.86 -20.85	51.64 2.05 -18.09	52.81 2.40 -12.35	81.89 2.85 -31.55	85.78 3.14 -24.45	83.20 3.16 -29.07	52.81 2.51 -9.24	52.31 2.71 -11.93	50.16 1.97 -12.98
ARTHUR_KILL_2 23512	49.00 1.68 -8.30	48.38 1.50 -10.33	48.38 1.28 -12.58	48.38 1.33 -12.99	48.38 1.47 -11.95	48.38 1.82 -7.10	57.64 2.27 0.01	72.40 3.58 0.01	54.69 2.77 -0.58	52.05 2.14 -12.91	50.05 1.94 -15.26	51.37 1.80 -20.51	50.05 1.69 -21.16	50.05 1.63 -22.12	51.31 1.66 -23.81	51.33 1.78 -20.85	51.55 1.95 -18.09	52.69 2.28 -12.35	81.69 2.66 -31.55	85.61 2.97 -24.45	82.99 2.96 -29.07	52.69 2.38 -9.24	52.19 2.60 -11.93	50.05 1.86 -12.98
ARTHUR_KILL_3 23513	48.41 1.09 -8.30	47.82 0.95 -10.32	47.89 0.79 -12.57	47.90 0.85 -12.99	47.88 0.98 -11.94	47.90 1.34 -7.10	57.48 2.10 0.00	72.14 3.30 0.00	54.49 2.57 -0.59	51.86 1.96 -12.90	49.94 1.84 -15.26	51.27 1.71 -20.50	50.01 1.66 -21.15	50.02 1.60 -22.11	51.29 1.63 -23.81	51.26 1.72 -20.84	51.45 1.86 -18.08	52.54 2.13 -12.36	81.47 2.42 -31.56	85.33 2.68 -24.46	82.54 2.50 -29.08	52.44 2.13 -9.23	51.36 1.77 -11.92	49.69 1.51 -12.97

ARTHUR_KILL_COGEN 323718	49.12 1.80 -8.30	48.49 1.61 -10.33	48.48 1.38 -12.58	48.48 1.43 -12.99	48.49 1.57 -11.95	48.46 1.89 -7.10	57.80 2.43 0.01	72.61 3.78 0.01	54.84 2.92 -0.58	52.16 2.26 -12.91	50.15 2.04 -15.26	51.43 1.86 -20.51	50.13 1.77 -21.16	50.10 1.68 -22.12	51.36 1.71 -23.81	51.41 1.86 -20.85	51.64 2.05 -18.09	52.81 2.40 -12.35	81.89 2.85 -31.55	85.78 3.14 -24.45	83.20 3.16 -29.07	52.81 2.51 -9.24	52.31 2.71 -11.93	50.16 1.97 -12.98
ASHOKAN____ 23654	40.70 1.68 0.00	38.05 1.50 0.00	35.87 1.35 0.00	35.52 1.46 0.00	36.57 1.61 0.00	41.43 1.97 0.00	58.42 3.04 0.00	72.55 3.71 0.00	53.49 2.16 0.00	38.03 1.03 0.00	33.54 0.69 0.00	29.55 0.49 0.00	27.66 0.46 0.00	26.75 0.45 0.00	26.37 0.52 0.00	29.33 0.63 0.00	32.26 0.75 0.00	39.27 1.22 0.00	49.33 1.85 0.00	60.75 2.56 0.00	53.21 2.24 0.00	43.04 1.97 0.00	39.40 1.73 0.00	37.07 1.86 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.31 1.29 -0.01	37.66 1.10 -0.01	35.46 0.93 0.00	35.05 0.99 0.00	36.09 1.12 -0.01	40.95 1.50 0.01	57.53 2.16 0.01	72.27 3.44 0.01	54.10 2.77 0.01	39.17 2.18 0.01	34.88 2.04 0.01	30.97 1.92 0.01	29.02 1.82 0.01	28.03 1.74 0.01	27.62 1.78 0.01	30.61 1.92 0.01	33.58 2.08 0.01	40.45 2.40 0.01	50.18 2.71 0.01	61.09 2.91 0.01	53.76 2.80 0.01	43.40 2.34 0.01	39.73 2.07 0.01	36.85 1.65 0.01
ASTORIA_EAST_ENERGY_CC2 323582	40.31 1.29 -0.01	37.66 1.10 -0.01	35.46 0.93 0.00	35.05 0.99 0.00	36.09 1.12 -0.01	40.95 1.50 0.01	57.53 2.16 0.01	72.27 3.44 0.01	54.10 2.77 0.01	39.17 2.18 0.01	34.88 2.04 0.01	30.97 1.92 0.01	29.02 1.82 0.01	28.03 1.74 0.01	27.62 1.78 0.01	30.61 1.92 0.01	33.58 2.08 0.01	40.45 2.40 0.01	50.18 2.71 0.01	61.09 2.91 0.01	53.76 2.80 0.01	43.40 2.34 0.01	39.73 2.07 0.01	36.85 1.65 0.01
ASTORIA_GT2_1 24094	40.32 1.29 -0.01	37.69 1.13 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.13 1.15 -0.01	40.99 1.54 0.01	57.54 2.16 0.00	72.28 3.44 0.00	54.20 2.87 0.01	39.20 2.22 0.01	34.91 2.07 0.01	30.97 1.92 0.01	29.04 1.85 0.01	28.05 1.76 0.01	27.62 1.78 0.01	30.64 1.95 0.01	33.55 2.05 0.01	40.48 2.44 0.01	50.23 2.75 0.01	61.16 2.97 0.00	53.76 2.80 0.01	43.44 2.38 0.01	39.73 2.07 0.01	36.88 1.69 0.01
ASTORIA_GT2_2 24095	40.32 1.29 -0.01	37.69 1.13 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.13 1.15 -0.01	40.99 1.54 0.01	57.54 2.16 0.00	72.28 3.44 0.00	54.20 2.87 0.01	39.20 2.22 0.01	34.91 2.07 0.01	30.97 1.92 0.01	29.04 1.85 0.01	28.05 1.76 0.01	27.62 1.78 0.01	30.64 1.95 0.01	33.55 2.05 0.01	40.48 2.44 0.01	50.23 2.75 0.01	61.16 2.97 0.00	53.76 2.80 0.01	43.44 2.38 0.01	39.73 2.07 0.01	36.88 1.69 0.01
ASTORIA_GT2_3 24096	40.32 1.29 -0.01	37.69 1.13 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.13 1.15 -0.01	40.99 1.54 0.01	57.54 2.16 0.00	72.28 3.44 0.00	54.20 2.87 0.01	39.20 2.22 0.01	34.91 2.07 0.01	30.97 1.92 0.01	29.04 1.85 0.01	28.05 1.76 0.01	27.62 1.78 0.01	30.64 1.95 0.01	33.55 2.05 0.01	40.48 2.44 0.01	50.23 2.75 0.01	61.16 2.97 0.00	53.76 2.80 0.01	43.44 2.38 0.01	39.73 2.07 0.01	36.88 1.69 0.01
ASTORIA_GT2_4 24097	40.32 1.29 -0.01	37.69 1.13 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.13 1.15 -0.01	40.99 1.54 0.01	57.54 2.16 0.00	72.28 3.44 0.00	54.20 2.87 0.01	39.20 2.22 0.01	34.91 2.07 0.01	30.97 1.92 0.01	29.04 1.85 0.01	28.05 1.76 0.01	27.62 1.78 0.01	30.64 1.95 0.01	33.55 2.05 0.01	40.48 2.44 0.01	50.23 2.75 0.01	61.16 2.97 0.00	53.76 2.80 0.01	43.44 2.38 0.01	39.73 2.07 0.01	36.88 1.69 0.01
ASTORIA_GT3_1 24098	40.32 1.29 -0.01	37.69 1.13 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.13 1.15 -0.01	40.99 1.54 0.01	57.54 2.16 0.00	72.28 3.44 0.00	54.20 2.87 0.01	39.20 2.22 0.01	34.91 2.07 0.01	30.97 1.92 0.01	29.04 1.85 0.01	28.05 1.76 0.01	27.62 1.78 0.01	30.64 1.95 0.01	33.55 2.05 0.01	40.48 2.44 0.01	50.23 2.75 0.01	61.16 2.97 0.00	53.76 2.80 0.01	43.44 2.38 0.01	39.73 2.07 0.01	36.88 1.69 0.01
ASTORIA_GT3_2 24099	40.32 1.29 -0.01	37.69 1.13 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.13 1.15 -0.01	40.99 1.54 0.01	57.54 2.16 0.00	72.28 3.44 0.00	54.20 2.87 0.01	39.20 2.22 0.01	34.91 2.07 0.01	30.97 1.92 0.01	29.04 1.85 0.01	28.05 1.76 0.01	27.62 1.78 0.01	30.64 1.95 0.01	33.55 2.05 0.01	40.48 2.44 0.01	50.23 2.75 0.01	61.16 2.97 0.00	53.76 2.80 0.01	43.44 2.38 0.01	39.73 2.07 0.01	36.88 1.69 0.01
ASTORIA_GT3_3 24100	40.32 1.29 -0.01	37.69 1.13 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.13 1.15 -0.01	40.99 1.54 0.01	57.54 2.16 0.00	72.28 3.44 0.00	54.20 2.87 0.01	39.20 2.22 0.01	34.91 2.07 0.01	30.97 1.92 0.01	29.04 1.85 0.01	28.05 1.76 0.01	27.62 1.78 0.01	30.64 1.95 0.01	33.55 2.05 0.01	40.48 2.44 0.01	50.23 2.75 0.01	61.16 2.97 0.00	53.76 2.80 0.01	43.44 2.38 0.01	39.73 2.07 0.01	36.88 1.69 0.01
ASTORIA_GT3_4 24101	40.32 1.29 -0.01	37.69 1.13 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.13 1.15 -0.01	40.99 1.54 0.01	57.54 2.16 0.00	72.28 3.44 0.00	54.20 2.87 0.01	39.20 2.22 0.01	34.91 2.07 0.01	30.97 1.92 0.01	29.04 1.85 0.01	28.05 1.76 0.01	27.62 1.78 0.01	30.64 1.95 0.01	33.55 2.05 0.01	40.48 2.44 0.01	50.23 2.75 0.01	61.16 2.97 0.00	53.76 2.80 0.01	43.44 2.38 0.01	39.73 2.07 0.01	36.88 1.69 0.01
ASTORIA_GT4_1 24102	40.32 1.29 -0.01	37.69 1.13 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.13 1.15 -0.01	40.99 1.54 0.01	57.54 2.16 0.00	72.28 3.44 0.00	54.20 2.87 0.01	39.20 2.22 0.01	34.91 2.07 0.01	30.97 1.92 0.01	29.04 1.85 0.01	28.05 1.76 0.01	27.62 1.78 0.01	30.64 1.95 0.01	33.55 2.05 0.01	40.48 2.44 0.01	50.23 2.75 0.01	61.16 2.97 0.00	53.76 2.80 0.01	43.44 2.38 0.01	39.73 2.07 0.01	36.88 1.69 0.01
ASTORIA_GT4_2 24103	40.32 1.29 -0.01	37.69 1.13 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.13 1.15 -0.01	40.99 1.54 0.01	57.54 2.16 0.00	72.28 3.44 0.00	54.20 2.87 0.01	39.20 2.22 0.01	34.91 2.07 0.01	30.97 1.92 0.01	29.04 1.85 0.01	28.05 1.76 0.01	27.62 1.78 0.01	30.64 1.95 0.01	33.55 2.05 0.01	40.48 2.44 0.01	50.23 2.75 0.01	61.16 2.97 0.00	53.76 2.80 0.01	43.44 2.38 0.01	39.73 2.07 0.01	36.88 1.69 0.01
ASTORIA_GT4_3 24104	40.32 1.29 -0.01	37.69 1.13 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.13 1.15 -0.01	40.99 1.54 0.01	57.54 2.16 0.00	72.28 3.44 0.00	54.20 2.87 0.01	39.20 2.22 0.01	34.91 2.07 0.01	30.97 1.92 0.01	29.04 1.85 0.01	28.05 1.76 0.01	27.62 1.78 0.01	30.64 1.95 0.01	33.55 2.05 0.01	40.48 2.44 0.01	50.23 2.75 0.01	61.16 2.97 0.00	53.76 2.80 0.01	43.44 2.38 0.01	39.73 2.07 0.01	36.88 1.69 0.01

ASTORIA_GT4_4 24105	40.32 1.29 -0.01	37.69 1.13 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.13 1.15 -0.01	40.99 1.54 0.01	57.54 2.16 0.00	72.28 3.44 0.00	54.20 2.87 0.01	39.20 2.22 0.01	34.91 2.07 0.01	30.97 1.92 0.01	29.04 1.85 0.01	28.05 1.76 0.01	27.62 1.78 0.01	30.64 1.95 0.01	33.55 2.05 0.01	40.48 2.44 0.01	50.23 2.75 0.01	61.16 2.97 0.00	53.76 2.80 0.01	43.44 2.38 0.01	39.73 2.07 0.01	36.88 1.69 0.01
ASTORIA_GT_1 23523	40.39 1.37 -0.01	37.73 1.17 -0.01	35.52 1.00 0.00	35.12 1.06 0.00	36.16 1.19 -0.01	41.03 1.58 0.01	57.64 2.27 0.01	72.40 3.58 0.01	54.25 2.92 0.01	39.28 2.29 0.01	34.95 2.10 0.01	31.03 1.98 0.01	29.07 1.88 0.01	28.08 1.79 0.01	27.68 1.84 0.01	30.67 1.98 0.01	33.64 2.14 0.01	40.52 2.47 0.01	50.33 2.85 0.01	61.27 3.08 0.01	53.92 2.96 0.01	43.52 2.46 0.01	39.84 2.18 0.01	36.95 1.76 0.01
ASTORIA_GT_10 24110	40.59 1.56 -0.01	37.95 1.39 -0.01	35.73 1.21 0.00	35.32 1.26 0.00	36.37 1.40 -0.01	41.54 1.82 -0.27	57.98 2.60 0.00	72.76 3.92 0.00	54.57 3.13 -0.10	50.97 2.37 -11.61	49.46 2.17 -14.44	50.22 2.00 -19.16	50.25 1.90 -21.14	49.46 1.81 -21.35	49.46 1.84 -21.78	49.49 2.01 -18.78	49.43 2.14 -15.78	51.01 2.59 -10.37	55.54 2.94 -5.11	61.39 3.20 0.00	57.77 3.01 -3.79	45.16 2.59 -1.50	41.84 2.26 -1.92	37.59 1.90 -0.48
ASTORIA_GT_11 24225	40.59 1.56 -0.01	37.95 1.39 -0.01	35.73 1.21 0.00	35.32 1.26 0.00	36.37 1.40 -0.01	41.54 1.82 -0.27	57.98 2.60 0.00	72.76 3.92 0.00	54.57 3.13 -0.10	50.97 2.37 -11.61	49.46 2.17 -14.44	50.22 2.00 -19.16	50.25 1.90 -21.14	49.46 1.81 -21.35	49.46 1.84 -21.78	49.49 2.01 -18.78	49.43 2.14 -15.78	51.01 2.59 -10.37	55.54 2.94 -5.11	61.39 3.20 0.00	57.77 3.01 -3.79	45.16 2.59 -1.50	41.84 2.26 -1.92	37.59 1.90 -0.48
ASTORIA_GT_12 24226	40.59 1.56 -0.01	37.95 1.39 -0.01	35.73 1.21 0.00	35.32 1.26 0.00	36.37 1.40 -0.01	41.54 1.82 -0.27	57.98 2.60 0.00	72.76 3.92 0.00	54.57 3.13 -0.10	50.97 2.37 -11.61	49.46 2.17 -14.44	50.22 2.00 -19.16	50.25 1.90 -21.14	49.46 1.81 -21.35	49.46 1.84 -21.78	49.49 2.01 -18.78	49.43 2.14 -15.78	51.01 2.59 -10.37	55.54 2.94 -5.11	61.39 3.20 0.00	57.77 3.01 -3.79	45.16 2.59 -1.50	41.84 2.26 -1.92	37.59 1.90 -0.48
ASTORIA_GT_13 24227	40.59 1.56 -0.01	37.95 1.39 -0.01	35.73 1.21 0.00	35.32 1.26 0.00	36.37 1.40 -0.01	41.54 1.82 -0.27	57.98 2.60 0.00	72.76 3.92 0.00	54.57 3.13 -0.10	50.97 2.37 -11.61	49.46 2.17 -14.44	50.22 2.00 -19.16	50.25 1.90 -21.14	49.46 1.81 -21.35	49.46 1.84 -21.78	49.49 2.01 -18.78	49.43 2.14 -15.78	51.01 2.59 -10.37	55.54 2.94 -5.11	61.39 3.20 0.00	57.77 3.01 -3.79	45.16 2.59 -1.50	41.84 2.26 -1.92	37.59 1.90 -0.48
ASTORIA_GT_5 24106	40.39 1.37 -0.01	37.73 1.17 -0.01	35.52 1.00 0.00	35.15 1.09 0.00	36.20 1.22 -0.01	41.03 1.58 0.01	57.65 2.27 0.00	72.41 3.58 0.00	54.31 2.98 0.01	39.28 2.29 0.01	34.98 2.14 0.01	31.02 1.98 0.01	29.10 1.90 0.01	28.11 1.81 0.01	27.68 1.84 0.01	30.70 2.01 0.01	33.61 2.11 0.01	40.56 2.51 0.01	50.33 2.85 0.01	61.28 3.08 0.00	53.82 2.85 0.01	43.48 2.42 0.01	39.77 2.11 0.01	36.96 1.76 0.01
ASTORIA_GT_7 24107	40.39 1.37 -0.01	37.73 1.17 -0.01	35.52 1.00 0.00	35.15 1.09 0.00	36.20 1.22 -0.01	41.03 1.58 0.01	57.65 2.27 0.00	72.41 3.58 0.00	54.31 2.98 0.01	39.28 2.29 0.01	34.98 2.14 0.01	31.02 1.98 0.01	29.10 1.90 0.01	28.11 1.81 0.01	27.68 1.84 0.01	30.70 2.01 0.01	33.61 2.11 0.01	40.56 2.51 0.01	50.33 2.85 0.01	61.28 3.08 0.00	53.82 2.85 0.01	43.48 2.42 0.01	39.77 2.11 0.01	36.96 1.76 0.01
ASTORIA_GT_8 24108	40.39 1.37 -0.01	37.73 1.17 -0.01	35.52 1.00 0.00	35.15 1.09 0.00	36.20 1.22 -0.01	41.03 1.58 0.01	57.65 2.27 0.00	72.41 3.58 0.00	54.31 2.98 0.01	39.28 2.29 0.01	34.98 2.14 0.01	31.02 1.98 0.01	29.10 1.90 0.01	28.11 1.81 0.01	27.68 1.84 0.01	30.70 2.01 0.01	33.61 2.11 0.01	40.56 2.51 0.01	50.33 2.85 0.01	61.28 3.08 0.00	53.82 2.85 0.01	43.48 2.42 0.01	39.77 2.11 0.01	36.96 1.76 0.01
ASTORIA___2 24149	40.31 1.29 -0.01	37.70 1.13 -0.01	35.46 0.93 0.00	35.05 0.99 0.00	36.13 1.15 -0.01	40.99 1.54 0.01	57.53 2.16 0.01	72.27 3.44 0.01	54.15 2.82 0.01	39.20 2.22 0.01	34.88 2.04 0.01	30.97 1.92 0.01	29.02 1.82 0.01	28.05 1.76 0.01	27.62 1.78 0.01	30.61 1.92 0.01	33.58 2.08 0.01	40.45 2.40 0.01	50.23 2.75 0.01	61.15 2.97 0.01	53.81 2.85 0.01	43.44 2.38 0.01	39.76 2.11 0.01	36.88 1.69 0.01
ASTORIA___3 23516	40.59 1.56 -0.01	37.95 1.39 -0.01	35.73 1.21 0.00	35.32 1.26 0.00	36.37 1.40 -0.01	41.54 1.82 -0.27	57.98 2.60 0.00	72.76 3.92 0.00	54.52 3.08 -0.10	50.97 2.37 -11.61	49.46 2.17 -14.44	50.22 2.00 -19.16	50.22 1.88 -21.14	49.46 1.81 -21.35	49.46 1.84 -21.78	49.46 1.98 -18.78	49.46 2.17 -15.78	50.97 2.55 -10.37	55.54 2.95 -5.11	61.39 3.20 0.00	57.82 3.06 -3.79	45.16 2.59 -1.50	41.92 2.34 -1.92	37.59 1.90 -0.48
ASTORIA___4 23517	40.59 1.56 -0.01	37.95 1.39 -0.01	35.73 1.21 0.00	35.32 1.26 0.00	36.37 1.40 -0.01	41.54 1.82 -0.27	57.98 2.60 0.00	72.76 3.92 0.00	54.57 3.13 -0.10	50.97 2.37 -11.61	49.46 2.17 -14.44	50.22 2.00 -19.16	50.25 1.90 -21.14	49.46 1.81 -21.35	49.46 1.84 -21.78	49.49 2.01 -18.78	49.43 2.14 -15.78	51.01 2.59 -10.37	55.54 2.94 -5.11	61.39 3.20 0.00	57.77 3.01 -3.79	45.16 2.59 -1.50	41.84 2.26 -1.92	37.59 1.90 -0.48
ASTORIA___5 23518	40.59 1.56 -0.01	37.95 1.39 -0.01	35.73 1.21 0.00	35.32 1.26 0.00	36.37 1.40 -0.01	41.54 1.82 -0.27	57.98 2.60 0.00	72.69 3.85 0.00	54.52 3.08 -0.10	50.97 2.37 -11.61	49.46 2.17 -14.44	50.22 2.00 -19.16	50.22 1.88 -21.14	49.46 1.81 -21.35	49.46 1.84 -21.78	49.46 1.98 -18.78	49.46 2.17 -15.78	50.97 2.55 -10.37	55.54 2.95 -5.11	61.39 3.20 0.00	57.82 3.06 -3.79	45.16 2.59 -1.50	41.92 2.34 -1.92	37.59 1.90 -0.48
AST_ENERGY_2_CC3 323677	40.42 1.40 0.00	37.76 1.20 0.00	35.56 1.03 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.08 1.62 0.00	57.81 2.43 0.00	72.48 3.65 0.00	54.16 2.82 0.00	39.18 2.18 0.00	34.85 2.00 0.00	30.92 1.86 0.00	28.97 1.77 0.00	27.98 1.68 0.00	27.58 1.73 0.00	30.54 1.84 0.00	33.53 2.02 0.00	40.41 2.36 0.00	50.19 2.71 0.00	61.22 3.02 0.00	53.77 2.80 0.00	43.41 2.34 0.00	39.73 2.07 0.00	36.96 1.76 0.00
AST_ENERGY_2_CC4 323678	40.42 1.40 0.00	37.76 1.20 0.00	35.56 1.03 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.08 1.62 0.00	57.81 2.43 0.00	72.48 3.65 0.00	54.16 2.82 0.00	39.18 2.18 0.00	34.85 2.00 0.00	30.92 1.86 0.00	28.97 1.77 0.00	27.98 1.68 0.00	27.58 1.73 0.00	30.54 1.84 0.00	33.53 2.02 0.00	40.41 2.36 0.00	50.19 2.71 0.00	61.22 3.02 0.00	53.77 2.80 0.00	43.41 2.34 0.00	39.73 2.07 0.00	36.96 1.76 0.00

ATHENS_STG_1 23668	39.68 0.66 0.00	37.10 0.55 0.00	35.04 0.52 0.00	34.60 0.54 0.00	35.60 0.63 0.00	40.29 0.83 0.00	56.65 1.27 0.00	70.62 1.79 0.00	52.67 1.33 0.00	37.99 1.00 0.00	33.74 0.89 0.00	29.87 0.81 0.00	27.96 0.76 0.00	27.03 0.74 0.00	26.60 0.75 0.00	29.53 0.83 0.00	32.42 0.91 0.00	39.19 1.14 0.00	48.81 1.33 0.00	59.65 1.46 0.00	52.39 1.43 0.00	42.30 1.23 0.00	38.76 1.09 0.00	36.19 0.98 0.00
ATHENS_STG_2 23670	39.68 0.66 0.00	37.10 0.55 0.00	35.04 0.52 0.00	34.60 0.54 0.00	35.60 0.63 0.00	40.29 0.83 0.00	56.65 1.27 0.00	70.62 1.79 0.00	52.67 1.33 0.00	37.99 1.00 0.00	33.74 0.89 0.00	29.87 0.81 0.00	27.96 0.76 0.00	27.03 0.74 0.00	26.60 0.75 0.00	29.53 0.83 0.00	32.42 0.91 0.00	39.19 1.14 0.00	48.81 1.33 0.00	59.65 1.46 0.00	52.39 1.43 0.00	42.30 1.23 0.00	38.76 1.09 0.00	36.19 0.98 0.00
ATHENS_STG_3 23677	39.68 0.66 0.00	37.10 0.55 0.00	35.04 0.52 0.00	34.60 0.54 0.00	35.60 0.63 0.00	40.29 0.83 0.00	56.65 1.27 0.00	70.62 1.79 0.00	52.67 1.33 0.00	37.99 1.00 0.00	33.74 0.89 0.00	29.87 0.81 0.00	27.96 0.76 0.00	27.03 0.74 0.00	26.60 0.75 0.00	29.53 0.83 0.00	32.42 0.91 0.00	39.19 1.14 0.00	48.81 1.33 0.00	59.65 1.46 0.00	52.39 1.43 0.00	42.30 1.23 0.00	38.76 1.09 0.00	36.19 0.98 0.00
AUBURN___LFGE 323710	38.82 -0.20 0.00	36.37 -0.18 0.00	34.28 -0.24 0.00	33.72 -0.34 0.00	34.62 -0.35 0.00	38.99 -0.47 0.00	55.04 -0.33 0.00	68.42 -0.41 0.00	50.77 -0.56 0.00	36.59 -0.41 0.00	32.39 -0.46 0.00	28.59 -0.46 0.00	26.79 -0.41 0.00	25.93 -0.37 0.00	25.43 -0.41 0.00	28.24 -0.46 0.00	31.00 -0.50 0.00	37.45 -0.61 0.00	46.96 -0.52 0.00	57.73 -0.47 0.00	50.41 -0.56 0.00	40.41 -0.66 0.00	37.06 -0.60 0.00	34.64 -0.56 0.00
BABYLON_RES_REC 323704	40.38 1.37 0.00	37.65 1.10 0.00	35.49 0.97 0.00	34.98 0.92 0.00	36.05 1.09 0.00	41.35 1.89 0.00	57.42 2.05 0.01	72.27 3.44 0.00	53.95 2.62 0.00	39.54 2.55 0.00	35.18 2.33 0.00	31.09 2.03 0.00	29.03 1.82 0.00	28.06 1.76 0.00	27.66 1.81 0.00	30.76 2.07 0.00	33.93 2.43 0.00	40.53 2.47 0.00	50.48 2.99 0.00	61.45 3.26 0.00	54.03 3.06 0.00	44.06 3.00 0.00	40.04 2.37 0.00	37.21 2.01 0.00
BABYLON___69_KV_BK2 356345	40.66 1.64 0.00	37.91 1.35 0.00	35.73 1.21 0.00	35.29 1.23 0.00	36.29 1.33 0.00	41.71 2.25 0.00	57.86 2.49 0.01	72.90 4.06 0.00	54.42 3.08 0.00	39.92 2.92 0.00	35.51 2.66 0.00	31.38 2.32 0.00	29.30 2.09 0.00	28.30 2.00 0.00	27.86 2.02 0.00	31.05 2.35 0.00	34.09 2.58 0.00	41.06 3.01 0.00	50.95 3.47 0.00	62.09 3.90 0.00	54.54 3.57 0.00	44.35 3.29 0.00	40.53 2.86 0.00	37.49 2.29 0.00
BALL_HILL_WT_PWR 323825	38.59 -0.43 0.00	36.12 -0.44 0.00	33.83 -0.69 0.00	33.21 -0.85 0.00	33.95 -1.02 0.00	38.20 -1.26 0.00	53.72 -1.66 0.00	65.46 -3.37 0.00	48.66 -2.67 0.00	35.29 -1.70 0.00	31.27 -1.58 0.00	27.63 -1.42 0.00	26.01 -1.20 0.00	25.17 -1.13 0.00	24.66 -1.19 0.00	27.38 -1.32 0.00	29.93 -1.57 0.00	35.96 -2.09 0.00	45.21 -2.28 0.00	55.92 -2.27 0.00	48.27 -2.70 0.00	37.86 -3.20 0.00	35.29 -2.37 0.00	33.02 -2.18 0.00
BARON_WINDS___WT_PWR 323822	38.28 -0.74 0.00	35.90 -0.66 0.00	33.76 -0.76 0.00	33.21 -0.85 0.00	34.02 -0.94 0.00	38.36 -1.10 0.00	54.05 -1.33 0.00	66.42 -2.41 0.00	49.08 -2.26 0.00	35.26 -1.74 0.00	31.07 -1.77 0.00	27.46 -1.60 0.00	25.82 -1.39 0.00	24.98 -1.31 0.00	24.48 -1.37 0.00	27.18 -1.52 0.00	29.77 -1.73 0.00	36.04 -2.02 0.00	45.63 -1.85 0.00	56.33 -1.86 0.00	48.93 -2.04 0.00	38.77 -2.30 0.00	35.78 -1.88 0.00	33.48 -1.72 0.00
BARRETT_IC_1 23704	40.38 1.37 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.05 0.99 0.00	36.08 1.12 0.00	41.24 1.78 0.00	57.20 1.82 0.00	71.93 3.10 0.00	53.80 2.46 0.00	39.33 2.33 0.00	35.02 2.17 0.00	30.97 1.92 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.62 1.92 0.00	33.68 2.17 0.00	40.38 2.32 0.00	50.05 2.56 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.78 2.71 0.00	39.92 2.26 0.00	37.10 1.90 0.00
BARRETT_IC_10 23701	40.38 1.37 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.05 0.99 0.00	36.08 1.12 0.00	41.24 1.78 0.00	57.20 1.82 0.00	71.93 3.10 0.00	53.80 2.46 0.00	39.33 2.33 0.00	35.02 2.17 0.00	30.97 1.92 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.62 1.92 0.00	33.68 2.17 0.00	40.38 2.32 0.00	50.05 2.56 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.78 2.71 0.00	39.92 2.26 0.00	37.10 1.90 0.00
BARRETT_IC_11 23702	40.38 1.37 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.05 0.99 0.00	36.08 1.12 0.00	41.24 1.78 0.00	57.20 1.82 0.00	71.93 3.10 0.00	53.80 2.46 0.00	39.33 2.33 0.00	35.02 2.17 0.00	30.97 1.92 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.62 1.92 0.00	33.68 2.17 0.00	40.38 2.32 0.00	50.05 2.56 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.78 2.71 0.00	39.92 2.26 0.00	37.10 1.90 0.00
BARRETT_IC_12 23703	40.38 1.37 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.05 0.99 0.00	36.08 1.12 0.00	41.24 1.78 0.00	57.20 1.82 0.00	71.93 3.10 0.00	53.80 2.46 0.00	39.33 2.33 0.00	35.02 2.17 0.00	30.97 1.92 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.62 1.92 0.00	33.68 2.17 0.00	40.38 2.32 0.00	50.05 2.56 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.78 2.71 0.00	39.92 2.26 0.00	37.10 1.90 0.00
BARRETT_IC_2 23705	40.38 1.37 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.05 0.99 0.00	36.08 1.12 0.00	41.24 1.78 0.00	57.20 1.82 0.00	71.93 3.10 0.00	53.80 2.46 0.00	39.33 2.33 0.00	35.02 2.17 0.00	30.97 1.92 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.62 1.92 0.00	33.68 2.17 0.00	40.38 2.32 0.00	50.05 2.56 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.78 2.71 0.00	39.92 2.26 0.00	37.10 1.90 0.00
BARRETT_IC_3 23706	40.38 1.37 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.05 0.99 0.00	36.08 1.12 0.00	41.24 1.78 0.00	57.20 1.82 0.00	71.93 3.10 0.00	53.80 2.46 0.00	39.33 2.33 0.00	35.02 2.17 0.00	30.97 1.92 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.62 1.92 0.00	33.68 2.17 0.00	40.38 2.32 0.00	50.05 2.56 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.78 2.71 0.00	39.92 2.26 0.00	37.10 1.90 0.00
BARRETT_IC_4 23707	40.38 1.37 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.05 0.99 0.00	36.08 1.12 0.00	41.24 1.78 0.00	57.20 1.82 0.00	71.93 3.10 0.00	53.80 2.46 0.00	39.33 2.33 0.00	35.02 2.17 0.00	30.97 1.92 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.62 1.92 0.00	33.68 2.17 0.00	40.38 2.32 0.00	50.05 2.56 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.78 2.71 0.00	39.92 2.26 0.00	37.10 1.90 0.00

BARRETT_IC_5 23708	40.38 1.37 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.05 0.99 0.00	36.08 1.12 0.00	41.24 1.78 0.00	57.20 1.82 0.00	71.93 3.10 0.00	53.80 2.46 0.00	39.33 2.33 0.00	35.02 2.17 0.00	30.97 1.92 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.62 1.92 0.00	33.68 2.17 0.00	40.38 2.32 0.00	50.05 2.56 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.78 2.71 0.00	39.92 2.26 0.00	37.10 1.90 0.00
BARRETT_IC_6 23709	40.38 1.37 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.05 0.99 0.00	36.08 1.12 0.00	41.24 1.78 0.00	57.20 1.82 0.00	71.93 3.10 0.00	53.80 2.46 0.00	39.33 2.33 0.00	35.02 2.17 0.00	30.97 1.92 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.62 1.92 0.00	33.68 2.17 0.00	40.38 2.32 0.00	50.05 2.56 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.78 2.71 0.00	39.92 2.26 0.00	37.10 1.90 0.00
BARRETT_IC_7 23710	40.39 1.37 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.11 1.06 0.00	36.12 1.15 0.00	41.24 1.78 0.00	57.20 1.83 0.00	71.93 3.10 0.00	53.90 2.57 0.00	39.32 2.33 0.00	35.02 2.17 0.00	30.97 1.92 0.00	28.97 1.77 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.65 1.95 0.00	33.62 2.11 0.00	40.49 2.44 0.00	50.05 2.56 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.74 2.67 0.00	40.00 2.34 0.00	37.10 1.90 0.00
BARRETT_IC_8 23711	40.38 1.37 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.05 0.99 0.00	36.08 1.12 0.00	41.24 1.78 0.00	57.20 1.82 0.00	71.93 3.10 0.00	53.80 2.46 0.00	39.33 2.33 0.00	35.02 2.17 0.00	30.97 1.92 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.62 1.92 0.00	33.68 2.17 0.00	40.38 2.32 0.00	50.05 2.56 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.78 2.71 0.00	39.92 2.26 0.00	37.10 1.90 0.00
BARRETT_IC_9 23700	40.38 1.37 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.05 0.99 0.00	36.08 1.12 0.00	41.24 1.78 0.00	57.20 1.82 0.00	71.93 3.10 0.00	53.80 2.46 0.00	39.33 2.33 0.00	35.02 2.17 0.00	30.97 1.92 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.62 1.92 0.00	33.68 2.17 0.00	40.38 2.32 0.00	50.05 2.56 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.78 2.71 0.00	39.92 2.26 0.00	37.10 1.90 0.00
BARRETT___1 23545	40.38 1.37 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.05 0.99 0.00	36.08 1.12 0.00	41.24 1.78 0.00	57.20 1.82 0.00	71.93 3.10 0.00	53.80 2.46 0.00	39.33 2.33 0.00	35.02 2.17 0.00	30.97 1.92 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.62 1.92 0.00	33.68 2.17 0.00	40.38 2.32 0.00	50.05 2.56 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.78 2.71 0.00	39.92 2.26 0.00	37.10 1.90 0.00
BARRETT___2 23546	40.38 1.37 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.05 0.99 0.00	36.08 1.12 0.00	41.24 1.78 0.00	57.20 1.82 0.00	71.93 3.10 0.00	53.80 2.46 0.00	39.33 2.33 0.00	35.02 2.17 0.00	30.97 1.92 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.62 1.92 0.00	33.68 2.17 0.00	40.38 2.32 0.00	50.05 2.56 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.78 2.71 0.00	39.92 2.26 0.00	37.10 1.90 0.00
BATAVIA___115KV_TB1 55881	38.28 -0.74 0.00	35.86 -0.69 0.00	33.56 -0.97 0.00	33.00 -1.06 0.00	33.88 -1.08 0.00	38.28 -1.18 0.00	53.71 -1.66 0.00	65.81 -3.03 0.00	48.67 -2.67 0.00	35.33 -1.66														

BAYONEEC___CTG7 323688	40.31 1.29 0.00	37.69 1.13 0.00	35.49 0.97 0.00	35.08 1.02 0.00	36.12 1.15 0.00	40.96 1.50 0.00	57.70 2.33 0.00	72.41 3.58 0.00	54.11 2.77 0.00	39.14 2.14 0.00	34.82 1.97 0.00	30.89 1.83 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.51 1.81 0.00	33.46 1.95 0.00	40.34 2.28 0.00	50.09 2.61 0.00	61.10 2.91 0.00	53.72 2.75 0.00	43.36 2.30 0.00	39.66 1.99 0.00	36.86 1.65 0.00
BAYONEEC___CTG8 323689	40.31 1.29 0.00	37.69 1.13 0.00	35.49 0.97 0.00	35.08 1.02 0.00	36.12 1.15 0.00	40.96 1.50 0.00	57.70 2.33 0.00	72.41 3.58 0.00	54.11 2.77 0.00	39.14 2.14 0.00	34.82 1.97 0.00	30.89 1.83 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.51 1.81 0.00	33.46 1.95 0.00	40.34 2.28 0.00	50.09 2.61 0.00	61.10 2.91 0.00	53.72 2.75 0.00	43.36 2.30 0.00	39.66 1.99 0.00	36.86 1.65 0.00
BAYONEEC___CTG9 323749	40.31 1.29 0.00	37.69 1.13 0.00	35.49 0.97 0.00	35.08 1.02 0.00	36.12 1.15 0.00	40.96 1.50 0.00	57.70 2.33 0.00	72.41 3.58 0.00	54.11 2.77 0.00	39.14 2.14 0.00	34.82 1.97 0.00	30.89 1.83 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.51 1.81 0.00	33.46 1.95 0.00	40.34 2.28 0.00	50.09 2.61 0.00	61.10 2.91 0.00	53.72 2.75 0.00	43.36 2.30 0.00	39.66 1.99 0.00	36.86 1.65 0.00
BEACON___LESR 323632	39.64 0.62 0.00	37.14 0.58 0.00	35.11 0.59 0.00	34.74 0.68 0.00	35.66 0.70 0.00	40.45 0.99 0.00	56.87 1.50 0.00	70.76 1.92 0.00	52.62 1.28 0.00	37.81 0.81 0.00	33.64 0.79 0.00	29.75 0.70 0.00	27.77 0.57 0.00	26.85 0.55 0.00	26.39 0.54 0.00	29.36 0.66 0.00	32.33 0.82 0.00	39.16 1.10 0.00	48.72 1.23 0.00	59.65 1.46 0.00	52.35 1.38 0.00	42.30 1.23 0.00	38.76 1.09 0.00	36.30 1.09 0.00
BEAVER RIVER___HYD 24048	39.29 0.28 0.00	36.92 0.37 0.00	34.87 0.35 0.00	34.43 0.38 0.00	35.24 0.28 0.00	39.81 0.35 0.00	56.15 0.77 0.00	70.07 1.24 0.00	51.75 0.41 0.00	36.66 -0.33 0.00	32.32 -0.53 0.00	28.39 -0.67 0.00	26.58 -0.62 0.00	25.69 -0.60 0.00	25.23 -0.62 0.00	28.12 -0.57 0.00	30.88 -0.63 0.00	37.79 -0.26 0.00	47.48 0.00 0.00	58.89 0.70 0.00	51.53 0.56 0.00	41.43 0.37 0.00	37.55 -0.11 0.00	34.85 -0.35 0.00
BEEBEE_GT_13 23619	37.89 -1.13 0.00	35.49 -1.06 0.00	33.31 -1.21 0.00	32.76 -1.29 0.00	33.64 -1.33 0.00	37.92 -1.54 0.00	53.16 -2.22 0.00	65.60 -3.24 0.00	48.67 -2.67 0.00	35.33 -1.66 0.00	31.31 -1.54 0.00	27.57 -1.48 0.00	25.84 -1.36 0.00	25.06 -1.24 0.00	24.58 -1.27 0.00	27.23 -1.46 0.00	29.93 -1.58 0.00	35.96 -2.09 0.00	45.21 -2.28 0.00	55.75 -2.44 0.00	48.42 -2.55 0.00	38.52 -2.55 0.00	35.74 -1.92 0.00	33.34 -1.87 0.00
BENSHRST_27_KV_BENSHRST_1 355998	49.35 2.03 -8.30	48.67 1.79 -10.33	48.69 1.59 -12.58	48.69 1.63 -12.99	48.69 1.78 -11.95	48.77 2.21 -7.10	58.48 3.10 0.00	73.45 4.61 0.00	55.66 3.64 -0.67	63.73 2.70 -24.04	64.46 2.46 -29.14	70.21 2.24 -38.92	70.88 2.15 -41.52	70.98 2.03 -42.65	72.64 2.07 -44.72	69.83 2.27 -38.87	67.13 2.43 -33.20	86.42 2.93 -45.43	86.42 3.42 -35.51	86.54 3.90 -24.45	86.39 3.62 -31.80	54.46 3.00 -10.40	53.74 2.67 -13.40	50.47 2.29 -12.98
BETHLEHEM___GRP 23843	39.18 0.16 0.00	36.66 0.11 0.00	34.73 0.21 0.00	34.33 0.27 0.00	35.24 0.28 0.00	39.89 0.43 0.00	55.98 0.61 0.00	69.66 0.83 0.00	51.95 0.62 0.00	37.40 0.41 0.00	33.34 0.49 0.00	29.52 0.46 0.00	27.58 0.38 0.00	26.67 0.37 0.00	26.21 0.36 0.00	29.13 0.43 0.00	32.01 0.50 0.00	38.66 0.61 0.00	48.05 0.57 0.00	58.77 0.58 0.00	51.58 0.61 0.00	41.72 0.66 0.00	38.27 0.60 0.00	35.87 0.67 0.00
BETHLEHEM___GS1 323560	39.18 0.16 0.00	36.66 0.11 0.00	34.70 0.17 0.00	34.33 0.27 0.00	35.24 0.28 0.00	39.90 0.43 0.00	55.99 0.61 0.00	69.66 0.83 0.00	51.90 0.57 0.00	37.40 0.41 0.00	33.34 0.49 0.00	29.52 0.46 0.00	27.58 0.38 0.00	26.67 0.37 0.00	26.21 0.36 0.00	29.13 0.43 0.00	32.01 0.50 0.00	38.70 0.65 0.00	48.10 0.62 0.00	58.77 0.58 0.00	51.58 0.61 0.00	41.72 0.66 0.00	38.23 0.57 0.00	35.87 0.67 0.00
BETHLEHEM___GS2 323561	39.18 0.16 0.00	36.66 0.11 0.00	34.70 0.17 0.00	34.33 0.27 0.00	35.24 0.28 0.00	39.90 0.43 0.00	55.99 0.61 0.00	69.66 0.83 0.00	51.90 0.57 0.00	37.40 0.41 0.00	33.34 0.49 0.00	29.52 0.46 0.00	27.58 0.38 0.00	26.67 0.37 0.00	26.21 0.36 0.00	29.13 0.43 0.00	32.01 0.50 0.00	38.70 0.65 0.00	48.10 0.62 0.00	58.77 0.58 0.00	51.58 0.61 0.00	41.72 0.66 0.00	38.23 0.57 0.00	35.87 0.67 0.00
BETHLEHEM___GS3 323562	39.18 0.16 0.00	36.66 0.11 0.00	34.70 0.17 0.00	34.33 0.27 0.00	35.24 0.28 0.00	39.90 0.43 0.00	55.99 0.61 0.00	69.66 0.83 0.00	51.90 0.57 0.00	37.40 0.41 0.00	33.34 0.49 0.00	29.52 0.46 0.00	27.58 0.38 0.00	26.67 0.37 0.00	26.21 0.36 0.00	29.13 0.43 0.00	32.01 0.50 0.00	38.70 0.65 0.00	48.10 0.62 0.00	58.77 0.58 0.00	51.58 0.61 0.00	41.72 0.66 0.00	38.23 0.57 0.00	35.87 0.67 0.00
BETHLEHEM___STEEL 23779	38.08 -0.94 0.00	35.68 -0.88 0.00	33.35 -1.17 0.00	32.76 -1.29 0.00	33.67 -1.29 0.00	37.92 -1.54 0.00	53.11 -2.27 0.00	64.64 -4.20 0.00	47.90 -3.44 0.00	35.11 -1.89 0.00	31.04 -1.81 0.00	27.37 -1.69 0.00	25.62 -1.58 0.00	24.93 -1.37 0.00	24.43 -1.42 0.00	26.98 -1.72 0.00	29.62 -1.89 0.00	35.50 -2.55 0.00	44.59 -2.90 0.00	55.11 -3.08 0.00	47.66 -3.31 0.00	37.53 -3.53 0.00	35.07 -2.60 0.00	32.88 -2.32 0.00
BETHLHEM_115KV_TB1 79974	39.25 0.23 0.00	36.74 0.18 0.00	34.80 0.28 0.00	34.37 0.31 0.00	35.28 0.31 0.00	39.93 0.47 0.00	56.04 0.66 0.00	69.80 0.96 0.00	52.00 0.67 0.00	37.47 0.48 0.00	33.37 0.53 0.00	29.55 0.49 0.00	27.64 0.44 0.00	26.69 0.39 0.00	26.24 0.39 0.00	29.16 0.46 0.00	32.04 0.54 0.00	38.74 0.68 0.00	48.15 0.66 0.00	58.89 0.70 0.00	51.68 0.71 0.00	41.76 0.70 0.00	38.30 0.64 0.00	35.91 0.70 0.00
BETHPAGE_CC_5 323564	40.38 1.37 0.00	37.65 1.10 0.00	35.46 0.93 0.00	34.98 0.92 0.00	35.98 1.01 0.00	41.24 1.78 0.00	57.31 1.94 0.01	72.14 3.30 0.00	53.90 2.57 0.00	39.40 2.40 0.00	35.11 2.26 0.00	31.06 2.00 0.00	29.00 1.79 0.00	28.03 1.74 0.00	27.61 1.76 0.00	30.71 2.01 0.00	33.84 2.33 0.00	40.45 2.40 0.00	50.33 2.85 0.00	61.27 3.08 0.00	53.87 2.90 0.00	43.90 2.83 0.00	39.92 2.26 0.00	37.17 1.97 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.24 -0.78 0.00	35.82 -0.73 0.00	33.49 -1.04 0.00	32.90 -1.16 0.00	33.81 -1.15 0.00	38.08 -1.38 0.00	53.38 -1.99 0.00	64.91 -3.92 0.00	48.10 -3.23 0.00	35.22 -1.78 0.00	31.17 -1.68 0.00	27.49 -1.57 0.00	25.71 -1.50 0.00	25.01 -1.29 0.00	24.50 -1.34 0.00	27.09 -1.61 0.00	29.71 -1.80 0.00	35.62 -2.44 0.00	44.78 -2.71 0.00	55.34 -2.85 0.00	47.81 -3.16 0.00	37.66 -3.41 0.00	35.14 -2.52 0.00	32.99 -2.22 0.00

BINGHAMTON___COGEN 23790	38.94 -0.08 0.00	36.48 -0.07 0.00	34.35 -0.17 0.00	33.85 -0.20 0.00	34.79 -0.17 0.00	39.22 -0.24 0.00	55.32 -0.06 0.00	68.56 -0.28 0.00	50.87 -0.46 0.00	36.66 -0.33 0.00	32.45 -0.39 0.00	28.68 -0.38 0.00	26.85 -0.35 0.00	25.98 -0.32 0.00	25.51 -0.34 0.00	28.30 -0.40 0.00	31.07 -0.44 0.00	37.52 -0.53 0.00	47.01 -0.47 0.00	57.78 -0.41 0.00	50.46 -0.51 0.00	40.41 -0.66 0.00	37.14 -0.53 0.00	34.78 -0.42 0.00
BIXINCNT_115KV_LOAD 355685	38.75 -0.27 0.00	36.37 -0.18 0.00	34.00 -0.52 0.00	33.45 -0.61 0.00	34.34 -0.63 0.00	38.63 -0.83 0.00	54.27 -1.11 0.00	65.87 -2.96 0.00	48.72 -2.62 0.00	35.55 -1.44 0.00	31.54 -1.31 0.00	27.78 -1.28 0.00	25.98 -1.22 0.00	25.30 -1.00 0.00	24.79 -1.06 0.00	27.41 -1.29 0.00	30.06 -1.45 0.00	36.08 -1.98 0.00	45.40 -2.09 0.00	55.98 -2.21 0.00	48.22 -2.75 0.00	37.66 -3.41 0.00	34.91 -2.75 0.00	32.77 -2.43 0.00
BLACK RIVER___HYD 24047	39.53 0.51 0.00	37.14 0.58 0.00	35.04 0.52 0.00	34.60 0.54 0.00	35.39 0.42 0.00	39.90 0.43 0.00	56.48 1.11 0.00	70.62 1.79 0.00	51.85 0.51 0.00	36.55 -0.44 0.00	32.19 -0.66 0.00	28.21 -0.84 0.00	26.41 -0.79 0.00	25.54 -0.76 0.00	25.07 -0.77 0.00	28.01 -0.69 0.00	30.72 -0.79 0.00	37.71 -0.34 0.00	47.48 0.00 0.00	59.18 0.99 0.00	51.78 0.81 0.00	41.60 0.53 0.00	37.78 0.11 0.00	35.03 -0.18 0.00
BLACKRVR_115KV_TB2 79977	39.53 0.51 0.00	37.14 0.58 0.00	35.04 0.52 0.00	34.60 0.54 0.00	35.38 0.42 0.00	39.89 0.43 0.00	56.48 1.11 0.00	70.55 1.72 0.00	51.80 0.46 0.00	36.55 -0.44 0.00	32.19 -0.66 0.00	28.21 -0.84 0.00	26.41 -0.79 0.00	25.54 -0.76 0.00	25.07 -0.78 0.00	28.01 -0.69 0.00	30.75 -0.76 0.00	37.71 -0.34 0.00	47.48 0.00 0.00	59.18 0.99 0.00	51.79 0.82 0.00	41.60 0.53 0.00	37.74 0.08 0.00	35.03 -0.18 0.00
BLISS_WT_PWR 323608	38.79 -0.23 0.00	36.37 -0.18 0.00	34.14 -0.38 0.00	33.55 -0.51 0.00	34.37 -0.59 0.00	38.63 -0.83 0.00	54.27 -1.11 0.00	65.81 -3.03 0.00	48.92 -2.41 0.00	35.51 -1.48 0.00	31.53 -1.31 0.00	27.78 -1.28 0.00	26.11 -1.09 0.00	25.30 -1.00 0.00	24.79 -1.06 0.00	27.49 -1.20 0.00	30.06 -1.45 0.00	36.07 -1.98 0.00	45.40 -2.09 0.00	55.92 -2.27 0.00	48.12 -2.85 0.00	37.49 -3.57 0.00	34.76 -2.90 0.00	32.56 -2.64 0.00
BLUESTONE___WT_PWR 323821	40.58 1.56 0.00	38.16 1.61 0.00	35.97 1.45 0.00	35.52 1.46 0.00	36.43 1.47 0.00	41.16 1.70 0.00	58.42 3.04 0.00	72.96 4.13 0.00	53.85 2.51 0.00	38.10 1.11 0.00	33.51 0.66 0.00	29.41 0.35 0.00	27.56 0.35 0.00	26.62 0.32 0.00	26.11 0.26 0.00	29.13 0.43 0.00	31.95 0.44 0.00	39.16 1.10 0.00	49.24 1.76 0.00	60.93 2.74 0.00	53.11 2.14 0.00	42.59 1.52 0.00	38.98 1.32 0.00	36.26 1.06 0.00
BLUE_CIRC_CHEM_DRP 24182	39.64 0.62 0.00	37.14 0.58 0.00	35.11 0.59 0.00	34.71 0.65 0.00	35.66 0.70 0.00	40.33 0.87 0.00	56.59 1.22 0.00	70.28 1.45 0.00	52.26 0.92 0.00	37.51 0.52 0.00	33.31 0.46 0.00	29.43 0.38 0.00	27.53 0.33 0.00	26.59 0.29 0.00	26.16 0.31 0.00	29.07 0.37 0.00	31.98 0.47 0.00	38.78 0.72 0.00	48.43 0.95 0.00	59.30 1.11 0.00	52.04 1.07 0.00	42.05 0.99 0.00	38.57 0.90 0.00	36.12 0.92 0.00
BOC_GAS_DRP 24189	39.41 0.39 0.00	36.88 0.33 0.00	34.87 0.35 0.00	34.43 0.37 0.00	35.38 0.42 0.00	40.01 0.55 0.00	56.15 0.78 0.00	69.94 1.10 0.00	52.16 0.82 0.00	37.59 0.59 0.00	33.44 0.59 0.00	29.58 0.52 0.00	27.69 0.49 0.00	26.75 0.45 0.00	26.31 0.47 0.00	29.21 0.52 0.00	32.11 0.60 0.00	38.82 0.76 0.00	48.29 0.81 0.00	59.06 0.87 0.00	51.84 0.87 0.00	41.89 0.82 0.00	38.38 0.72 0.00	35.91 0.70 0.00
BOONVILLE_115KV_TB1 79983	39.80 0.78 0.00	37.32 0.77 0.00	35.21 0.69 0.00	34.77 0.72 0.00	35.66 0.70 0.00	40.25 0.79 0.00	56.76 1.38 0.00	70.90 2.07 0.00	52.52 1.18 0.00	37.36 0.37 0.00	32.98 0.13 0.00	29.03 -0.03 0.00	27.18 -0.03 0.00	26.27 -0.03 0.00	25.80 -0.05 0.00	28.73 0.03 0.00	31.54 0.03 0.00	38.47 0.42 0.00	48.24 0.76 0.00	59.53 1.34 0.00	52.09 1.12 0.00	41.97 0.90 0.00	38.15 0.49 0.00	35.52 0.32 0.00
BORALEX_4TH_BRANCH 23824	40.07 1.05 0.00	37.43 0.88 0.00	35.45 0.93 0.00	34.98 0.92 0.00	35.98 1.01 0.00	40.88 1.42 0.00	57.26 1.88 0.00	71.11 2.27 0.00	53.08 1.75 0.00	38.33 1.33 0.00	33.97 1.12 0.00	30.04 0.99 0.00	28.13 0.92 0.00	27.17 0.87 0.00	26.73 0.88 0.00	29.64 0.95 0.00	32.71 1.20 0.00	39.73 1.67 0.00	49.43 1.95 0.00	60.23 2.04 0.00	52.96 1.99 0.00	43.00 1.93 0.00	39.40 1.73 0.00	37.00 1.80 0.00
BOWLINE___1 23526	39.84 0.82 0.00	37.25 0.69 0.00	35.11 0.59 0.00	34.70 0.65 0.00	35.70 0.74 0.00	40.48 1.02 0.00	57.04 1.66 0.00	71.52 2.68 0.00	53.34 2.00 0.00	38.47 1.48 0.00	34.16 1.32 0.00	30.28 1.22 0.00	28.37 1.17 0.00	27.40 1.10 0.00	27.01 1.16 0.00	29.96 1.26 0.00	32.86 1.35 0.00	39.65 1.60 0.00	49.33 1.85 0.00	60.28 2.09 0.00	52.96 1.99 0.00	42.75 1.68 0.00	39.09 1.43 0.00	36.40 1.20 0.00
BOWLINE___2 23595	39.84 0.82 0.00	37.25 0.69 0.00	35.11 0.59 0.00	34.70 0.65 0.00	35.70 0.74 0.00	40.48 1.02 0.00	57.04 1.66 0.00	71.52 2.68 0.00	53.29 1.95 0.00	38.47 1.48 0.00	34.16 1.32 0.00	30.28 1.22 0.00	28.37 1.17 0.00	27.40 1.10 0.00	27.01 1.16 0.00	29.96 1.26 0.00	32.86 1.35 0.00	39.65 1.60 0.00	49.33 1.85 0.00	60.28 2.09 0.00	52.96 1.99 0.00	42.75 1.68 0.00	39.09 1.43 0.00	36.40 1.20 0.00
BRADY___115KV_TB2 356060	39.84 0.82 0.00	37.43 0.88 0.00	35.42 0.90 0.00	35.01 0.95 0.00	35.84 0.87 0.00	40.49 1.03 0.00	56.65 1.27 0.00	70.28 1.45 0.00	52.36 1.03 0.00	37.51 0.52 0.00	33.18 0.33 0.00	29.26 0.20 0.00	27.37 0.16 0.00	26.46 0.16 0.00	25.98 0.13 0.00	28.90 0.20 0.00	31.70 0.19 0.00	38.51 0.46 0.00	48.24 0.76 0.00	59.41 1.22 0.00	51.99 1.02 0.00	41.81 0.74 0.00	38.30 0.64 0.00	35.66 0.46 0.00
BRANSCOMB___SOLAR 323811	40.00 0.98 0.00	37.47 0.91 0.00	35.39 0.86 0.00	34.98 0.92 0.00	36.01 1.05 0.00	40.84 1.38 0.00	57.59 2.22 0.00	71.66 2.82 0.00	53.03 1.69 0.00	37.84 0.85 0.00	33.44 0.59 0.00	29.46 0.41 0.00	27.50 0.30 0.00	26.53 0.24 0.00	26.08 0.23 0.00	29.10 0.40 0.00	32.14 0.63 0.00	39.27 1.22 0.00	49.05 1.56 0.00	60.17 1.98 0.00	52.80 1.83 0.00	42.67 1.60 0.00	39.06 1.39 0.00	36.54 1.34 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	40.46 1.44 0.00	37.69 1.13 0.00	35.56 1.04 0.00	35.15 1.09 0.00	36.15 1.19 0.00	41.55 2.09 0.00	57.53 2.16 0.01	72.48 3.65 0.00	54.16 2.82 0.00	39.80 2.81 0.00	35.41 2.56 0.00	31.29 2.24 0.00	29.22 2.01 0.00	28.22 1.92 0.00	27.81 1.96 0.00	30.96 2.27 0.00	34.00 2.49 0.00	40.91 2.85 0.00	50.71 3.23 0.00	61.68 3.49 0.00	54.23 3.26 0.00	44.19 3.12 0.00	40.38 2.71 0.00	37.35 2.15 0.00

BRISTLHL_115KV_TB1 79998	38.04 -0.98 0.00	35.64 -0.91 0.00	33.63 -0.90 0.00	33.11 -0.95 0.00	33.95 -1.01 0.00	38.16 -1.30 0.00	53.71 -1.66 0.00	66.77 -2.07 0.00	49.59 -1.75 0.00	35.77 -1.22 0.00	31.77 -1.08 0.00	28.13 -0.93 0.00	26.33 -0.87 0.00	25.48 -0.82 0.00	25.00 -0.85 0.00	27.75 -0.95 0.00	30.47 -1.04 0.00	36.68 -1.37 0.00	45.87 -1.61 0.00	56.39 -1.80 0.00	49.24 -1.73 0.00	39.59 -1.48 0.00	36.35 -1.32 0.00	34.04 -1.16 0.00
BROOKHAVEN___DRP 24191	39.80 0.78 0.00	36.88 0.33 0.00	34.94 0.41 0.00	34.54 0.48 0.00	35.52 0.56 0.00	40.88 1.42 0.00	56.36 1.00 0.01	71.04 2.20 0.00	53.03 1.69 0.00	39.66 2.66 0.00	35.31 2.46 0.00	31.21 2.15 0.00	29.13 1.93 0.00	28.17 1.87 0.00	27.74 1.89 0.00	30.94 2.24 0.00	33.78 2.27 0.00	40.26 2.21 0.00	49.81 2.33 0.00	60.64 2.44 0.00	53.26 2.29 0.00	43.49 2.42 0.00	39.85 2.18 0.00	36.82 1.62 0.00
BROOKLYN_NAVY_YARD 23515	40.35 1.33 0.00	37.69 1.13 0.00	35.49 0.97 0.00	35.08 1.02 0.00	36.12 1.15 0.00	41.00 1.54 0.00	57.81 2.43 0.00	72.48 3.65 0.00	54.16 2.82 0.00	39.18 2.18 0.00	34.89 2.04 0.00	30.92 1.86 0.00	28.97 1.77 0.00	27.98 1.68 0.00	27.58 1.73 0.00	30.56 1.86 0.00	33.53 2.02 0.00	40.41 2.36 0.00	50.19 2.71 0.00	61.27 3.08 0.00	53.82 2.85 0.00	43.45 2.38 0.00	39.73 2.07 0.00	36.89 1.69 0.00
BROOKLYN___ARMY_DRP 323595	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
BROOKVLE_69_KV_TB1 55790	40.62 1.60 0.00	37.91 1.35 0.00	35.70 1.17 0.00	35.29 1.23 0.00	36.29 1.33 0.00	41.47 2.01 0.00	57.86 2.49 0.00	72.76 3.92 0.00	54.42 3.08 0.00	39.58 2.59 0.00	35.28 2.43 0.00	31.18 2.12 0.00	29.16 1.96 0.00	28.14 1.84 0.00	27.71 1.86 0.00	30.85 2.15 0.00	33.84 2.33 0.00	40.83 2.78 0.00	50.62 3.13 0.00	61.80 3.61 0.00	54.23 3.26 0.00	44.06 3.00 0.00	40.26 2.60 0.00	37.32 2.11 0.00
BROOME_2_LFGE 323671	38.98 -0.04 0.00	36.48 -0.07 0.00	34.39 -0.14 0.00	33.89 -0.17 0.00	34.79 -0.17 0.00	39.23 -0.24 0.00	55.32 -0.06 0.00	68.56 -0.27 0.00	50.92 -0.41 0.00	36.66 -0.33 0.00	32.46 -0.39 0.00	28.68 -0.38 0.00	26.88 -0.33 0.00	25.98 -0.31 0.00	25.51 -0.34 0.00	28.32 -0.37 0.00	31.07 -0.44 0.00	37.52 -0.53 0.00	47.01 -0.47 0.00	57.79 -0.40 0.00	50.46 -0.51 0.00	40.41 -0.66 0.00	37.14 -0.53 0.00	34.78 -0.42 0.00
BROOME___LFGE 323600	38.98 -0.04 0.00	36.48 -0.07 0.00	34.39 -0.14 0.00	33.89 -0.17 0.00	34.79 -0.17 0.00	39.23 -0.24 0.00	55.32 -0.06 0.00	68.56 -0.27 0.00	50.92 -0.41 0.00	36.66 -0.33 0.00	32.46 -0.39 0.00	28.68 -0.38 0.00	26.88 -0.33 0.00	25.98 -0.31 0.00	25.51 -0.34 0.00	28.32 -0.37 0.00	31.07 -0.44 0.00	37.52 -0.53 0.00	47.01 -0.47 0.00	57.79 -0.40 0.00	50.46 -0.51 0.00	40.41 -0.66 0.00	37.14 -0.53 0.00	34.78 -0.42 0.00
BROWNFLS_115KV_TB_3_5 80003	38.98 -0.04 0.00	36.63 0.07 0.00	34.63 0.10 0.00	34.23 0.17 0.00	35.03 0.07 0.00	39.58 0.12 0.00	55.60 0.22 0.00	69.25 0.41 0.00	51.39 0.05 0.00	36.59 -0.41 0.00	32.29 -0.56 0.00	28.42 -0.64 0.00	26.58 -0.63 0.00	25.69 -0.60 0.00	25.23 -0.62 0.00	28.09 -0.60 0.00	30.85 -0.66 0.00	37.64 -0.42 0.00	47.20 -0.28 0.00	58.31 0.12 0.00	51.07 0.10 0.00	41.07 0.00 0.00	37.36 -0.30 0.00	34.71 -0.49 0.00
BROWNSV1_27_KV_LOAD 356125	40.62 1.60 0.00	37.98 1.43 0.00	35.73 1.21 0.00	35.35 1.29 0.00	36.40 1.43 0.00	41.28 1.82 0.00	58.20 2.82 0.00	73.03 4.20 0.00	54.62 3.29 0.00	39.43 2.44 0.00	35.12 2.27 0.00	31.12 2.06 0.00	29.19 1.99 0.00	28.17 1.87 0.00	27.74 1.89 0.00	30.79 2.09 0.00	33.71 2.21 0.00	40.72 2.66 0.00	50.52 3.04 0.00	61.68 3.49 0.00	54.18 3.21 0.00	43.69 2.63 0.00	40.00 2.34 0.00	37.14 1.94 0.00
BURROWS___LYONSDAL 23803	39.68 0.66 0.00	37.21 0.66 0.00	35.14 0.62 0.00	34.71 0.65 0.00	35.56 0.59 0.00	40.13 0.67 0.00	56.59 1.22 0.00	70.69 1.86 0.00	52.31 0.98 0.00	37.18 0.18 0.00	32.85 0.00 0.00	28.88 -0.17 0.00	27.04 -0.16 0.00	26.14 -0.16 0.00	25.67 -0.18 0.00	28.58 -0.11 0.00	31.38 -0.13 0.00	38.32 0.27 0.00	48.05 0.57 0.00	59.41 1.22 0.00	51.99 1.02 0.00	41.85 0.78 0.00	38.00 0.34 0.00	35.31 0.11 0.00
CAITHNESS_CC_1 323624	39.84 0.82 0.00	36.99 0.44 0.00	34.97 0.45 0.00	34.50 0.44 0.00	35.56 0.59 0.00	40.92 1.46 0.00	56.48 1.11 0.01	71.18 2.34 0.00	53.08 1.75 0.00	39.58 2.59 0.00	35.25 2.40 0.00	31.15 2.09 0.00	29.05 1.85 0.00	28.11 1.81 0.00	27.68 1.84 0.00	30.85 2.15 0.00	34.06 2.55 0.00	39.99 1.94 0.00	49.86 2.37 0.00	60.64 2.44 0.00	53.37 2.40 0.00	43.78 2.71 0.00	39.55 1.88 0.00	36.86 1.65 0.00
CALPINE BETH_PAGE_GT4 24209	40.31 1.29 0.00	37.61 1.06 0.00	35.42 0.90 0.00	35.01 0.95 0.00	35.91 0.94 0.00	41.08 1.62 0.00	57.14 1.77 0.01	71.86 3.03 0.00	53.80 2.46 0.00	39.25 2.26 0.00	35.05 2.20 0.00	31.00 1.95 0.00	28.97 1.77 0.00	27.98 1.68 0.00	27.55 1.71 0.00	30.68 1.98 0.00	33.65 2.14 0.00	40.45 2.40 0.00	50.14 2.66 0.00	61.10 2.91 0.00	53.67 2.70 0.00	43.69 2.63 0.00	39.89 2.22 0.00	37.10 1.90 0.00
CALPINE_BETH_PAGE_GT_4 323586	40.31 1.29 0.00	37.61 1.06 0.00	35.42 0.90 0.00	34.94 0.88 0.00	35.87 0.91 0.00	41.08 1.62 0.00	57.14 1.77 0.01	71.86 3.03 0.00	53.70 2.36 0.00	39.25 2.26 0.00	35.05 2.20 0.00	31.00 1.95 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.65 1.95 0.00	33.78 2.27 0.00	40.30 2.24 0.00	50.14 2.66 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.73 2.67 0.00	39.77 2.11 0.00	37.10 1.90 0.00
CALPINE_BP_GT1 23823	40.31 1.29 0.00	37.61 1.06 0.00	35.42 0.90 0.00	34.94 0.88 0.00	35.87 0.91 0.00	41.08 1.62 0.00	57.14 1.77 0.01	71.86 3.03 0.00	53.70 2.36 0.00	39.25 2.26 0.00	35.05 2.20 0.00	31.00 1.95 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.65 1.95 0.00	33.78 2.27 0.00	40.30 2.24 0.00	50.14 2.66 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.73 2.67 0.00	39.77 2.11 0.00	37.10 1.90 0.00
CALSPAN___DRP 24200	38.08 -0.94 0.00	35.68 -0.88 0.00	33.35 -1.17 0.00	32.76 -1.29 0.00	33.67 -1.29 0.00	37.92 -1.54 0.00	53.11 -2.27 0.00	64.64 -4.20 0.00	47.90 -3.44 0.00	35.11 -1.89 0.00	31.04 -1.81 0.00	27.37 -1.69 0.00	25.62 -1.58 0.00	24.93 -1.37 0.00	24.43 -1.42 0.00	26.98 -1.72 0.00	29.62 -1.89 0.00	35.50 -2.55 0.00	44.59 -2.90 0.00	55.11 -3.08 0.00	47.66 -3.31 0.00	37.53 -3.53 0.00	35.07 -2.60 0.00	32.88 -2.32 0.00

CALVERTON___SOLAR 323806	39.80 0.78 0.00	36.92 0.37 0.00	34.94 0.42 0.00	34.43 0.38 0.00	35.52 0.56 0.00	40.88 1.42 0.00	56.37 1.00 0.01	71.04 2.20 0.00	52.93 1.59 0.00	39.62 2.63 0.00	35.28 2.43 0.00	31.18 2.12 0.00	29.08 1.88 0.00	28.14 1.84 0.00	27.71 1.86 0.00	30.88 2.18 0.00	34.12 2.61 0.00	39.92 1.86 0.00	49.81 2.33 0.00	60.58 2.39 0.00	53.27 2.30 0.00	43.73 2.67 0.00	39.47 1.81 0.00	36.82 1.62 0.00
CANDIGU_WT_PWR 323617	38.28 -0.74 0.00	35.90 -0.66 0.00	33.76 -0.76 0.00	33.21 -0.85 0.00	34.02 -0.94 0.00	38.36 -1.10 0.00	54.05 -1.33 0.00	66.42 -2.41 0.00	49.08 -2.26 0.00	35.26 -1.74 0.00	31.07 -1.77 0.00	27.46 -1.60 0.00	25.82 -1.39 0.00	24.98 -1.31 0.00	24.48 -1.37 0.00	27.18 -1.52 0.00	29.77 -1.73 0.00	36.04 -2.02 0.00	45.63 -1.85 0.00	56.33 -1.86 0.00	48.93 -2.04 0.00	38.77 -2.30 0.00	35.78 -1.88 0.00	33.48 -1.72 0.00
CARR STREET_E_SYR 24060	38.44 -0.58 0.00	36.01 -0.55 0.00	33.97 -0.55 0.00	33.45 -0.61 0.00	34.30 -0.67 0.00	38.59 -0.87 0.00	54.32 -1.05 0.00	67.52 -1.31 0.00	50.21 -1.13 0.00	36.21 -0.78 0.00	32.16 -0.69 0.00	28.42 -0.64 0.00	26.63 -0.57 0.00	25.75 -0.55 0.00	25.28 -0.57 0.00	28.07 -0.63 0.00	30.78 -0.72 0.00	37.10 -0.95 0.00	46.39 -1.09 0.00	56.97 -1.22 0.00	49.75 -1.22 0.00	39.96 -1.11 0.00	36.72 -0.94 0.00	34.36 -0.85 0.00
CARTHAGE___PAPER 23857	39.41 0.39 0.00	36.99 0.44 0.00	34.94 0.42 0.00	34.50 0.44 0.00	35.31 0.35 0.00	39.90 0.43 0.00	56.37 1.00 0.00	70.42 1.58 0.00	51.80 0.46 0.00	36.62 -0.37 0.00	32.29 -0.56 0.00	28.33 -0.73 0.00	26.50 -0.71 0.00	25.64 -0.66 0.00	25.18 -0.67 0.00	28.09 -0.60 0.00	30.84 -0.66 0.00	37.79 -0.26 0.00	47.58 0.10 0.00	59.12 0.93 0.00	51.74 0.77 0.00	41.60 0.53 0.00	37.70 0.04 0.00	34.96 -0.24 0.00
CASSADAGA_WT_PWR 323784	39.37 0.35 0.00	36.77 0.22 0.00	34.39 -0.14 0.00	33.65 -0.41 0.00	34.30 -0.67 0.00	38.48 -0.98 0.00	54.16 -1.22 0.00	65.74 -3.10 0.00	48.77 -2.57 0.00	35.44 -1.55 0.00	31.40 -1.44 0.00	27.78 -1.28 0.00	26.25 -0.95 0.00	25.40 -0.89 0.00	24.89 -0.96 0.00	27.69 -1.01 0.00	30.28 -1.23 0.00	36.57 -1.48 0.00	46.16 -1.33 0.00	57.03 -1.16 0.00	49.08 -1.88 0.00	38.27 -2.79 0.00	35.48 -2.19 0.00	32.99 -2.22 0.00
CE_DUNWOOD___DRP 24194	40.15 1.13 0.00	37.54 0.99 0.00	35.39 0.86 0.00	35.01 0.95 0.00	36.01 1.05 0.00	40.84 1.38 0.00	57.54 2.16 0.00	72.07 3.24 0.00	53.85 2.52 0.00	38.88 1.89 0.00	34.56 1.71 0.00	30.63 1.57 0.00	28.70 1.50 0.00	27.72 1.42 0.00	27.30 1.45 0.00	30.30 1.61 0.00	33.21 1.70 0.00	40.15 2.09 0.00	49.86 2.37 0.00	60.93 2.74 0.00	53.47 2.50 0.00	43.16 2.09 0.00	39.51 1.85 0.00	36.75 1.55 0.00
CE_MILLWOOD___DRP 24193	40.03 1.01 0.00	37.43 0.88 0.00	35.32 0.79 0.00	34.91 0.85 0.00	35.91 0.94 0.00	40.72 1.26 0.00	57.37 1.99 0.00	71.86 3.03 0.00	53.65 2.31 0.00	38.69 1.70 0.00	34.39 1.54 0.00	30.48 1.42 0.00	28.56 1.36 0.00	27.59 1.29 0.00	27.17 1.32 0.00	30.16 1.46 0.00	33.05 1.54 0.00	39.96 1.90 0.00	49.67 2.18 0.00	60.69 2.50 0.00	53.26 2.29 0.00	43.00 1.93 0.00	39.36 1.69 0.00	36.61 1.41 0.00
CE_NYC2_DRP 24202	40.63 1.60 -0.01	37.95 1.39 -0.01	35.73 1.21 0.00	35.35 1.29 0.00	36.37 1.40 -0.01	41.54 1.82 -0.27	57.98 2.60 0.00	72.76 3.92 0.00	54.57 3.13 -0.10	50.97 2.37 -11.61	49.46 2.17 -14.44	50.22 2.00 -19.16	50.25 1.90 -21.14	49.46 1.81 -21.35	49.46 1.84 -21.78	49.49 2.01 -18.78	49.43 2.14 -15.78	51.01 2.59 -10.37	55.54 2.94 -5.11	61.45 3.26 0.00	57.82 3.06 -3.79	45.16 2.59 -1.50	41.88 2.30 -1.92	37.62 1.94 -0.48
CE_NYC_DRP 24195	40.42 1.40 0.00	37.76 1.21 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.19 1.22 0.00	41.08 1.62 0.00	57.87 2.49 0.00	72.62 3.79 0.00	54.31 2.98 0.00	39.21 2.22 0.00	34.92 2.07 0.00	30.95 1.89 0.00	29.03 1.82 0.00	28.03 1.74 0.00	27.61 1.76 0.00	30.62 1.92 0.00	33.52 2.02 0.00	40.49 2.44 0.00	50.24 2.75 0.00	61.28 3.08 0.00	53.87 2.91 0.00	43.45 2.38 0.00	39.77 2.11 0.00	36.96 1.76 0.00
CHAFFEE___LFGE 323603	38.55 -0.47 0.00	36.15 -0.40 0.00	33.97 -0.55 0.00	33.34 -0.72 0.00	34.23 -0.74 0.00	38.55 -0.91 0.00	54.60 -0.78 0.00	66.42 -2.41 0.00	49.28 -2.06 0.00	35.55 -1.44 0.00	31.44 -1.41 0.00	27.75 -1.31 0.00	26.06 -1.14 0.00	25.22 -1.08 0.00	24.71 -1.14 0.00	27.41 -1.29 0.00	29.87 -1.64 0.00	35.92 -2.13 0.00	45.21 -2.28 0.00	55.98 -2.21 0.00	48.47 -2.50 0.00	38.15 -2.91 0.00	35.52 -2.15 0.00	33.44 -1.76 0.00
CHATEAUG_35_KV_LOAD 355732	40.00 0.98 0.00	37.61 1.06 0.00	35.66 1.14 0.00	35.25 1.19 0.00	36.15 1.19 0.00	40.88 1.42 0.00	56.76 1.38 0.00	70.00 1.17 0.00	52.62 1.28 0.00	38.10 1.11 0.00	33.70 0.85 0.00	29.75 0.70 0.00	27.83 0.63 0.00	26.90 0.60 0.00	26.44 0.59 0.00	29.36 0.66 0.00	32.23 0.72 0.00	39.01 0.95 0.00	48.72 1.23 0.00	59.76 1.57 0.00	52.24 1.27 0.00	41.93 0.86 0.00	38.42 0.75 0.00	35.80 0.60 0.00
CHATEAUG_WT_PWR 323614	39.88 0.86 0.00	37.54 0.99 0.00	35.59 1.07 0.00	35.22 1.16 0.00	36.12 1.15 0.00	40.80 1.34 0.00	56.65 1.27 0.00	69.80 0.96 0.00	52.57 1.23 0.00	38.10 1.11 0.00	33.74 0.89 0.00	29.78 0.73 0.00	27.83 0.63 0.00	26.90 0.61 0.00	26.42 0.57 0.00	29.36 0.66 0.00	32.23 0.73 0.00	38.97 0.91 0.00	48.67 1.19 0.00	59.65 1.46 0.00	52.14 1.17 0.00	41.84 0.78 0.00	38.34 0.68 0.00	35.73 0.53 0.00
CHAT_HIGH_FALL_HYD 323578	40.00 0.98 0.00	37.61 1.06 0.00	35.66 1.14 0.00	35.25 1.19 0.00	36.15 1.19 0.00	40.88 1.42 0.00	56.76 1.38 0.00	70.00 1.17 0.00	52.62 1.28 0.00	38.10 1.11 0.00	33.70 0.85 0.00	29.75 0.70 0.00	27.83 0.63 0.00	26.90 0.60 0.00	26.44 0.59 0.00	29.36 0.66 0.00	32.23 0.72 0.00	39.01 0.95 0.00	48.72 1.23 0.00	59.76 1.57 0.00	52.24 1.27 0.00	41.93 0.86 0.00	38.42 0.75 0.00	35.80 0.60 0.00
CHAUTAUQUA___LFGE 323629	38.90 -0.12 0.00	36.41 -0.15 0.00	34.07 -0.45 0.00	33.38 -0.68 0.00	34.13 -0.84 0.00	38.36 -1.10 0.00	53.94 -1.44 0.00	65.67 -3.17 0.00	48.77 -2.57 0.00	35.40 -1.59 0.00	31.37 -1.48 0.00	27.72 -1.34 0.00	26.14 -1.06 0.00	25.30 -1.00 0.00	24.79 -1.06 0.00	27.52 -1.18 0.00	30.09 -1.42 0.00	36.23 -1.83 0.00	45.58 -1.90 0.00	56.39 -1.80 0.00	48.57 -2.39 0.00	38.03 -3.04 0.00	35.41 -2.26 0.00	33.05 -2.15 0.00
CHERRYST_13_KV_LD 356241	40.50 1.48 0.00	37.87 1.32 0.00	35.66 1.14 0.00	35.25 1.19 0.00	36.29 1.33 0.00	41.20 1.74 0.00	58.03 2.66 0.00	72.83 3.99 0.00	54.47 3.13 0.00	39.36 2.37 0.00	35.05 2.20 0.00	31.06 2.00 0.00	29.13 1.93 0.00	28.11 1.81 0.00	27.68 1.84 0.00	30.71 2.01 0.00	33.62 2.11 0.00	40.60 2.55 0.00	50.38 2.90 0.00	61.45 3.26 0.00	53.98 3.01 0.00	43.57 2.51 0.00	39.89 2.22 0.00	37.03 1.83 0.00

CHESTROR_138KV_BK263 355645	39.72 0.70 0.00	37.14 0.58 0.00	35.04 0.52 0.00	34.64 0.58 0.00	35.63 0.66 0.00	40.33 0.87 0.00	56.82 1.44 0.00	71.11 2.27 0.00	53.03 1.69 0.00	38.18 1.18 0.00	33.90 1.05 0.00	30.02 0.96 0.00	28.13 0.92 0.00	27.17 0.87 0.00	26.78 0.93 0.00	29.70 1.00 0.00	32.58 1.07 0.00	39.39 1.33 0.00	49.00 1.52 0.00	60.00 1.80 0.00	52.65 1.68 0.00	42.50 1.44 0.00	38.91 1.24 0.00	36.22 1.02 0.00
CH_MIDHUDSON___DRP 24192	40.07 1.05 0.00	37.43 0.88 0.00	35.35 0.83 0.00	34.94 0.89 0.00	35.94 0.98 0.00	40.76 1.30 0.00	57.37 1.99 0.00	71.73 2.89 0.00	53.49 2.16 0.00	38.55 1.55 0.00	34.20 1.35 0.00	30.28 1.22 0.00	28.37 1.17 0.00	27.40 1.10 0.00	26.99 1.14 0.00	29.96 1.26 0.00	32.89 1.39 0.00	39.80 1.75 0.00	49.53 2.04 0.00	60.58 2.39 0.00	53.16 2.19 0.00	42.96 1.89 0.00	39.28 1.62 0.00	36.65 1.44 0.00
CH_MISC_IPPS 23765	40.31 1.29 0.00	37.65 1.10 0.00	35.52 1.00 0.00	35.12 1.06 0.00	36.12 1.15 0.00	40.96 1.50 0.00	57.81 2.43 0.00	72.27 3.44 0.00	53.80 2.46 0.00	38.66 1.67 0.00	34.26 1.41 0.00	30.28 1.22 0.00	28.34 1.14 0.00	27.43 1.13 0.00	27.01 1.16 0.00	29.99 1.29 0.00	32.96 1.45 0.00	39.88 1.83 0.00	49.76 2.28 0.00	60.99 2.79 0.00	53.47 2.50 0.00	43.16 2.09 0.00	39.43 1.77 0.00	36.79 1.59 0.00
CH_RES_BVR_FALLS 23983	39.10 0.08 0.00	36.63 0.07 0.00	34.63 0.10 0.00	34.20 0.14 0.00	35.11 0.14 0.00	39.66 0.20 0.00	55.54 0.17 0.00	68.97 0.14 0.00	51.49 0.15 0.00	37.07 0.07 0.00	32.91 0.07 0.00	29.09 0.03 0.00	27.20 0.00 0.00	26.27 -0.03 0.00	25.82 -0.03 0.00	28.67 -0.03 0.00	31.51 0.00 0.00	38.13 0.08 0.00	47.58 0.10 0.00	58.19 0.00 0.00	50.92 -0.05 0.00	40.94 -0.12 0.00	37.51 -0.15 0.00	34.96 -0.24 0.00
CH_RES_NIAGARA 23895	36.76 -2.26 0.00	34.47 -2.08 0.00	32.21 -2.31 0.00	31.64 -2.42 0.00	32.52 -2.45 0.00	36.62 -2.84 0.00	50.89 -4.49 0.00	62.02 -6.81 0.00	46.00 -5.34 0.00	33.85 -3.14 0.00	29.99 -2.86 0.00	26.47 -2.59 0.00	24.78 -2.42 0.00	24.12 -2.18 0.00	23.63 -2.22 0.00	26.09 -2.61 0.00	28.70 -2.80 0.00	34.21 -3.84 0.00	42.93 -4.56 0.00	52.95 -5.24 0.00	45.87 -5.10 0.00	36.22 -4.85 0.00	33.97 -3.69 0.00	31.86 -3.34 0.00
CH_RES_SYRACUSE 23985	38.71 -0.31 0.00	36.26 -0.29 0.00	34.21 -0.31 0.00	33.69 -0.37 0.00	34.51 -0.46 0.00	38.83 -0.63 0.00	54.71 -0.66 0.00	68.01 -0.82 0.00	50.57 -0.77 0.00	36.44 -0.55 0.00	32.32 -0.53 0.00	28.56 -0.49 0.00	26.77 -0.44 0.00	25.88 -0.42 0.00	25.41 -0.44 0.00	28.21 -0.49 0.00	30.94 -0.57 0.00	37.29 -0.76 0.00	46.68 -0.81 0.00	57.32 -0.87 0.00	50.10 -0.87 0.00	40.25 -0.82 0.00	36.95 -0.72 0.00	34.57 -0.63 0.00
CLINTON_WT_PWR 323605	39.88 0.86 0.00	37.54 0.99 0.00	35.59 1.07 0.00	35.22 1.16 0.00	36.12 1.15 0.00	40.80 1.34 0.00	56.65 1.27 0.00	69.80 0.96 0.00	52.57 1.23 0.00	38.10 1.11 0.00	33.74 0.89 0.00	29.78 0.73 0.00	27.83 0.63 0.00	26.90 0.61 0.00	26.42 0.57 0.00	29.36 0.66 0.00	32.23 0.73 0.00	38.97 0.91 0.00	48.67 1.19 0.00	59.65 1.46 0.00	52.14 1.17 0.00	41.84 0.78 0.00	38.34 0.68 0.00	35.73 0.53 0.00
CLINTON___LFGE 323618	40.70 1.68 0.00	38.38 1.83 0.00	36.42 1.90 0.00	36.07 2.01 0.00	36.99 2.03 0.00	41.83 2.37 0.00	57.76 2.38 0.00	70.83 2.00 0.00	53.59 2.26 0.00	39.03 2.03 0.00	34.49 1.64 0.00	30.42 1.37 0.00	28.43 1.23 0.00	27.48 1.18 0.00	26.96 1.11 0.00	29.96 1.26 0.00	32.93 1.42 0.00	39.88 1.83 0.00	49.86 2.37 0.00	61.22 3.02 0.00	53.47 2.50 0.00	42.79 1.72 0.00	39.21 1.54 0.00	36.43 1.23 0.00
COBBLENY_34_KV_TB1 80064	38.55 -0.47 0.00	36.15 -0.40 0.00	33.87 -0.66 0.00	33.28 -0.78 0.00	34.23 -0.73 0.00	38.55 -0.91 0.00	54.60 -0.78 0.00	66.42 -2.41 0.00	49.08 -2.26 0.00	35.55 -1.44 0.00	31.44 -1.41 0.00	27.75 -1.31 0.00	25.98 -1.22 0.00	25.22 -1.08 0.00	24.71 -1.14 0.00	27.32 -1.38 0.00	29.87 -1.64 0.00	35.92 -2.13 0.00	45.21 -2.28 0.00	56.04 -2.15 0.00	48.47 -2.50 0.00	38.19 -2.87 0.00	35.44 -2.22 0.00	33.44 -1.76 0.00
COFFEEN___115KV_TB3 355620	39.76 0.74 0.00	37.36 0.80 0.00	35.25 0.72 0.00	34.81 0.75 0.00	35.59 0.63 0.00	40.13 0.67 0.00	56.82 1.44 0.00	71.04 2.20 0.00	52.06 0.72 0.00	36.66 -0.33 0.00	32.26 -0.59 0.00	28.24 -0.81 0.00	26.44 -0.76 0.00	25.56 -0.74 0.00	25.12 -0.72 0.00	28.04 -0.66 0.00	30.81 -0.69 0.00	37.86 -0.19 0.00	47.72 0.24 0.00	59.59 1.40 0.00	52.14 1.17 0.00	41.89 0.82 0.00	37.97 0.30 0.00	35.20 0.00 0.00
COLDSPRG_115KV_BK1 355956	39.61 0.59 0.00	37.10 0.55 0.00	34.66 0.14 0.00	34.02 -0.03 0.00	34.90 -0.07 0.00	39.26 -0.20 0.00	55.54 0.17 0.00	67.46 -1.38 0.00	49.85 -1.49 0.00	36.25 -0.74 0.00	32.06 -0.79 0.00	28.27 -0.78 0.00	26.52 -0.68 0.00	25.77 -0.53 0.00	25.23 -0.62 0.00	27.92 -0.77 0.00	30.59 -0.91 0.00	36.87 -1.18 0.00	46.49 -1.00 0.00	57.55 -0.64 0.00	49.64 -1.33 0.00	38.89 -2.18 0.00	36.04 -1.62 0.00	33.76 -1.44 0.00
COLONIE_LFGE___ 323577	39.80 0.78 0.00	37.21 0.66 0.00	35.18 0.65 0.00	34.78 0.72 0.00	35.77 0.80 0.00	40.53 1.07 0.00	56.92 1.55 0.00	70.76 1.92 0.00	52.67 1.33 0.00	37.88 0.89 0.00	33.61 0.76 0.00	29.70 0.64 0.00	27.75 0.54 0.00	26.82 0.53 0.00	26.37 0.52 0.00	29.30 0.60 0.00	32.30 0.79 0.00	39.24 1.18 0.00	48.86 1.38 0.00	59.76 1.57 0.00	52.45 1.48 0.00	42.46 1.40 0.00	38.87 1.20 0.00	36.43 1.23 0.00
COOPERNY_115KV_TB1 80082	39.53 0.51 0.00	36.96 0.40 0.00	34.87 0.35 0.00	34.43 0.37 0.00	35.42 0.45 0.00	40.05 0.59 0.00	56.37 1.00 0.00	70.42 1.58 0.00	52.52 1.18 0.00	37.84 0.85 0.00	33.57 0.72 0.00	29.73 0.67 0.00	27.86 0.65 0.00	26.90 0.60 0.00	26.49 0.65 0.00	29.39 0.69 0.00	32.23 0.72 0.00	39.01 0.95 0.00	48.53 1.04 0.00	59.41 1.22 0.00	52.14 1.17 0.00	42.05 0.99 0.00	38.53 0.87 0.00	35.91 0.70 0.00
COPENHAGEN_WT_PWR 323753	39.37 0.35 0.00	36.99 0.44 0.00	34.90 0.38 0.00	34.43 0.38 0.00	35.24 0.28 0.00	39.74 0.28 0.00	56.21 0.83 0.00	70.21 1.38 0.00	51.59 0.26 0.00	36.48 -0.52 0.00	32.13 -0.72 0.00	28.19 -0.87 0.00	26.39 -0.82 0.00	25.51 -0.79 0.00	25.05 -0.80 0.00	27.95 -0.75 0.00	30.69 -0.82 0.00	37.60 -0.45 0.00	47.30 -0.19 0.00	58.89 0.70 0.00	51.53 0.56 0.00	41.39 0.33 0.00	37.63 -0.04 0.00	34.89 -0.32 0.00
CORNELL_____ 23752	39.57 0.55 0.00	37.07 0.51 0.00	34.94 0.41 0.00	34.43 0.37 0.00	35.31 0.35 0.00	39.86 0.39 0.00	56.32 0.94 0.00	69.94 1.10 0.00	51.70 0.36 0.00	37.07 0.07 0.00	32.75 -0.10 0.00	28.85 -0.20 0.00	27.01 -0.19 0.00	26.14 -0.16 0.00	25.67 -0.18 0.00	28.53 -0.17 0.00	31.35 -0.16 0.00	38.05 0.00 0.00	47.82 0.33 0.00	58.89 0.70 0.00	51.43 0.46 0.00	41.23 0.16 0.00	37.78 0.11 0.00	35.27 0.07 0.00

CORONA_69_KV_TB1 355595	40.58 1.56 0.00	37.87 1.32 0.00	35.66 1.14 0.00	35.25 1.19 0.00	36.26 1.29 0.00	41.39 1.93 0.00	57.70 2.33 0.00	72.55 3.72 0.00	54.26 2.93 0.00	39.47 2.48 0.00	35.12 2.27 0.00	31.06 2.00 0.00	29.05 1.85 0.00	28.03 1.74 0.00	27.63 1.78 0.00	30.73 2.04 0.00	33.71 2.21 0.00	40.68 2.63 0.00	50.43 2.94 0.00	61.51 3.32 0.00	54.08 3.11 0.00	43.94 2.87 0.00	40.15 2.49 0.00	37.24 2.04 0.00
CORTLAND_115KV_TB3 80093	39.25 0.23 0.00	36.74 0.18 0.00	34.66 0.14 0.00	34.13 0.07 0.00	35.03 0.07 0.00	39.50 0.04 0.00	55.76 0.39 0.00	69.25 0.41 0.00	51.34 0.00 0.00	36.88 -0.11 0.00	32.62 -0.23 0.00	28.80 -0.26 0.00	26.96 -0.24 0.00	26.09 -0.21 0.00	25.62 -0.23 0.00	28.44 -0.26 0.00	31.22 -0.28 0.00	37.83 -0.23 0.00	47.39 -0.09 0.00	58.31 0.12 0.00	50.97 0.00 0.00	40.90 -0.16 0.00	37.48 -0.19 0.00	35.06 -0.14 0.00
COXSACKIE___GT 23611	40.66 1.64 0.00	38.05 1.50 0.00	35.94 1.42 0.00	35.59 1.53 0.00	36.61 1.64 0.00	41.51 2.05 0.00	58.59 3.21 0.00	72.69 3.85 0.00	53.49 2.16 0.00	37.92 0.93 0.00	33.47 0.62 0.00	29.46 0.41 0.00	27.53 0.33 0.00	26.62 0.32 0.00	26.18 0.34 0.00	29.18 0.49 0.00	32.17 0.66 0.00	39.24 1.18 0.00	49.39 1.90 0.00	60.81 2.62 0.00	53.32 2.35 0.00	43.04 1.97 0.00	39.36 1.70 0.00	37.03 1.83 0.00
CPV_VALLEY___CC1 323721	39.49 0.47 0.00	36.92 0.37 0.00	34.83 0.31 0.00	34.40 0.34 0.00	35.42 0.45 0.00	40.09 0.63 0.00	56.43 1.05 0.00	70.62 1.79 0.00	52.62 1.28 0.00	37.95 0.96 0.00	33.70 0.85 0.00	29.87 0.81 0.00	27.96 0.76 0.00	27.03 0.74 0.00	26.65 0.80 0.00	29.53 0.83 0.00	32.42 0.91 0.00	39.16 1.10 0.00	48.72 1.23 0.00	59.59 1.39 0.00	52.29 1.32 0.00	42.21 1.15 0.00	38.64 0.98 0.00	36.01 0.81 0.00
CPV_VALLEY___CC2 323722	39.49 0.47 0.00	36.92 0.37 0.00	34.83 0.31 0.00	34.40 0.34 0.00	35.42 0.45 0.00	40.09 0.63 0.00	56.43 1.05 0.00	70.62 1.79 0.00	52.62 1.28 0.00	37.95 0.96 0.00	33.70 0.85 0.00	29.87 0.81 0.00	27.96 0.76 0.00	27.03 0.74 0.00	26.65 0.80 0.00	29.53 0.83 0.00	32.42 0.91 0.00	39.16 1.10 0.00	48.72 1.23 0.00	59.59 1.39 0.00	52.29 1.32 0.00	42.21 1.15 0.00	38.64 0.98 0.00	36.01 0.81 0.00
CRESCENT___HYD 24018	39.80 0.78 0.00	37.21 0.66 0.00	35.18 0.65 0.00	34.78 0.72 0.00	35.77 0.80 0.00	40.53 1.07 0.00	56.92 1.55 0.00	70.76 1.92 0.00	52.67 1.33 0.00	37.88 0.89 0.00	33.61 0.76 0.00	29.70 0.64 0.00	27.75 0.54 0.00	26.82 0.53 0.00	26.37 0.52 0.00	29.30 0.60 0.00	32.30 0.79 0.00	39.24 1.18 0.00	48.86 1.38 0.00	59.76 1.57 0.00	52.45 1.48 0.00	42.46 1.40 0.00	38.87 1.20 0.00	36.43 1.23 0.00
CRICKET___VALLEY_CC1 323756	39.76 0.74 0.00	37.17 0.62 0.00	35.11 0.59 0.00	34.67 0.61 0.00	35.66 0.70 0.00	40.48 1.02 0.00	56.81 1.44 0.00	70.97 2.14 0.00	52.93 1.59 0.00	38.29 1.29 0.00	34.00 1.15 0.00	30.13 1.08 0.00	28.21 1.01 0.00	27.27 0.97 0.00	26.86 1.01 0.00	29.79 1.09 0.00	32.74 1.23 0.00	39.62 1.56 0.00	49.19 1.71 0.00	60.05 1.86 0.00	52.75 1.78 0.00	42.71 1.64 0.00	39.06 1.39 0.00	36.51 1.30 0.00
CRICKET___VALLEY_CC2 323757	39.76 0.74 0.00	37.17 0.62 0.00	35.11 0.59 0.00	34.67 0.61 0.00	35.66 0.70 0.00	40.48 1.02 0.00	56.81 1.44 0.00	70.97 2.14 0.00	52.93 1.59 0.00	38.29 1.29 0.00	34.00 1.15 0.00	30.13 1.08 0.00	28.21 1.01 0.00	27.27 0.97 0.00	26.86 1.01 0.00	29.79 1.09 0.00	32.74 1.23 0.00	39.62 1.56 0.00	49.19 1.71 0.00	60.05 1.86 0.00	52.75 1.78 0.00	42.71 1.64 0.00	39.06 1.39 0.00	36.51 1.30 0.00
CRICKET___VALLEY_CC3 323758	39.76 0.74 0.00	37.17 0.62 0.00	35.11 0.59 0.00	34.67 0.61 0.00	35.66 0.70 0.00	40.48 1.02 0.00	56.81 1.44 0.00	70.97 2.14 0.00	52.93 1.59 0.00	38.29 1.29 0.00	34.00 1.15 0.00	30.13 1.08 0.00	28.21 1.01 0.00	27.27 0.97 0.00	26.86 1.01 0.00	29.79 1.09 0.00	32.74 1.23 0.00	39.62 1.56 0.00	49.19 1.71 0.00	60.05 1.86 0.00	52.75 1.78 0.00	42.71 1.64 0.00	39.06 1.39 0.00	36.51 1.30 0.00
CRUCIBLE_METL_DRP 24180	38.71 -0.31 0.00	36.26 -0.29 0.00	34.18 -0.35 0.00	33.65 -0.41 0.00	34.51 -0.45 0.00	38.83 -0.63 0.00	54.71 -0.66 0.00	68.01 -0.83 0.00	50.52 -0.82 0.00	36.44 -0.55 0.00	32.32 -0.53 0.00	28.56 -0.49 0.00	26.74 -0.46 0.00	25.88 -0.42 0.00	25.41 -0.44 0.00	28.18 -0.52 0.00	30.94 -0.57 0.00	37.29 -0.76 0.00	46.68 -0.81 0.00	57.32 -0.87 0.00	50.10 -0.87 0.00	40.24 -0.82 0.00	36.91 -0.75 0.00	34.57 -0.63 0.00
DAHOWA___HYDRO 323763	40.03 1.01 0.00	37.47 0.91 0.00	35.39 0.86 0.00	35.01 0.95 0.00	36.05 1.09 0.00	40.88 1.42 0.00	57.70 2.33 0.00	71.79 2.96 0.00	53.13 1.80 0.00	37.84 0.85 0.00	33.44 0.59 0.00	29.43 0.38 0.00	27.47 0.27 0.00	26.48 0.19 0.00	26.05 0.21 0.00	29.07 0.37 0.00	32.10 0.60 0.00	39.27 1.22 0.00	49.10 1.62 0.00	60.28 2.09 0.00	52.91 1.94 0.00	42.71 1.64 0.00	39.09 1.43 0.00	36.54 1.34 0.00
DANC___LFGE 323619	38.83 -0.19 0.00	36.41 -0.15 0.00	34.35 -0.17 0.00	33.89 -0.17 0.00	34.65 -0.32 0.00	39.03 -0.43 0.00	55.16 -0.22 0.00	68.77 -0.07 0.00	50.72 -0.61 0.00	36.11 -0.89 0.00	31.90 -0.95 0.00	28.07 -0.99 0.00	26.28 -0.92 0.00	25.40 -0.89 0.00	24.94 -0.91 0.00	27.81 -0.89 0.00	30.50 -1.01 0.00	37.14 -0.91 0.00	46.68 -0.81 0.00	57.84 -0.35 0.00	50.56 -0.41 0.00	40.62 -0.45 0.00	37.06 -0.60 0.00	34.50 -0.70 0.00
DANSKAMMER___1 23586	40.31 1.29 0.00	37.65 1.10 0.00	35.52 1.00 0.00	35.12 1.06 0.00	36.12 1.15 0.00	40.96 1.50 0.00	57.81 2.43 0.00	72.27 3.44 0.00	53.80 2.46 0.00	38.66 1.67 0.00	34.26 1.41 0.00	30.28 1.22 0.00	28.34 1.14 0.00	27.43 1.13 0.00	27.01 1.16 0.00	29.99 1.29 0.00	32.96 1.45 0.00	39.88 1.83 0.00	49.76 2.28 0.00	60.99 2.79 0.00	53.47 2.50 0.00	43.16 2.09 0.00	39.43 1.77 0.00	36.79 1.59 0.00
DANSKAMMER___2 23589	40.31 1.29 0.00	37.65 1.10 0.00	35.52 1.00 0.00	35.12 1.06 0.00	36.12 1.15 0.00	40.96 1.50 0.00	57.81 2.43 0.00	72.27 3.44 0.00	53.80 2.46 0.00	38.66 1.67 0.00	34.26 1.41 0.00	30.28 1.22 0.00	28.34 1.14 0.00	27.43 1.13 0.00	27.01 1.16 0.00	29.99 1.29 0.00	32.96 1.45 0.00	39.88 1.83 0.00	49.76 2.28 0.00	60.99 2.79 0.00	53.47 2.50 0.00	43.16 2.09 0.00	39.43 1.77 0.00	36.79 1.59 0.00
DANSKAMMER___3 23590	40.31 1.29 0.00	37.65 1.10 0.00	35.52 1.00 0.00	35.12 1.06 0.00	36.12 1.15 0.00	40.96 1.50 0.00	57.81 2.43 0.00	72.27 3.44 0.00	53.80 2.46 0.00	38.66 1.67 0.00	34.26 1.41 0.00	30.28 1.22 0.00	28.34 1.14 0.00	27.43 1.13 0.00	27.01 1.16 0.00	29.99 1.29 0.00	32.96 1.45 0.00	39.88 1.83 0.00	49.76 2.28 0.00	60.99 2.79 0.00	53.47 2.50 0.00	43.16 2.09 0.00	39.43 1.77 0.00	36.79 1.59 0.00

DANSKAMMER___4 23591	40.31 1.29 0.00	37.65 1.10 0.00	35.52 1.00 0.00	35.12 1.06 0.00	36.12 1.15 0.00	40.96 1.50 0.00	57.81 2.43 0.00	72.27 3.44 0.00	53.80 2.46 0.00	38.66 1.67 0.00	34.26 1.41 0.00	30.28 1.22 0.00	28.34 1.14 0.00	27.43 1.13 0.00	27.01 1.16 0.00	29.99 1.29 0.00	32.96 1.45 0.00	39.88 1.83 0.00	49.76 2.28 0.00	60.99 2.79 0.00	53.47 2.50 0.00	43.16 2.09 0.00	39.43 1.77 0.00	36.79 1.59 0.00
DANSKAMMER___DIESEL 23592	40.31 1.29 0.00	37.65 1.10 0.00	35.52 1.00 0.00	35.15 1.09 0.00	36.12 1.15 0.00	40.96 1.50 0.00	57.81 2.44 0.00	72.28 3.44 0.00	53.85 2.52 0.00	38.66 1.66 0.00	34.23 1.38 0.00	30.28 1.22 0.00	28.37 1.17 0.00	27.43 1.13 0.00	27.01 1.16 0.00	30.02 1.32 0.00	32.93 1.42 0.00	39.92 1.86 0.00	49.76 2.28 0.00	60.99 2.79 0.00	53.47 2.50 0.00	43.16 2.09 0.00	39.47 1.81 0.00	36.79 1.58 0.00
DARBY___SOLAR 323810	40.00 0.98 0.00	37.43 0.88 0.00	35.35 0.83 0.00	34.98 0.92 0.00	36.01 1.05 0.00	40.84 1.38 0.00	57.53 2.16 0.00	71.66 2.82 0.00	53.03 1.69 0.00	37.84 0.85 0.00	33.44 0.59 0.00	29.43 0.38 0.00	27.47 0.27 0.00	26.51 0.21 0.00	26.08 0.23 0.00	29.07 0.37 0.00	32.10 0.60 0.00	39.24 1.18 0.00	49.05 1.56 0.00	60.17 1.98 0.00	52.80 1.83 0.00	42.67 1.60 0.00	39.02 1.35 0.00	36.51 1.30 0.00
DASHVILLE___HYD 23610	40.11 1.09 0.00	37.47 0.91 0.00	35.35 0.83 0.00	34.94 0.89 0.00	35.94 0.98 0.00	40.76 1.30 0.00	57.37 1.99 0.00	71.66 2.82 0.00	53.34 2.00 0.00	38.36 1.37 0.00	34.00 1.15 0.00	30.07 1.02 0.00	28.18 0.98 0.00	27.25 0.95 0.00	26.83 0.98 0.00	29.79 1.09 0.00	32.71 1.20 0.00	39.58 1.52 0.00	49.34 1.85 0.00	60.40 2.21 0.00	53.01 2.04 0.00	42.79 1.72 0.00	39.17 1.51 0.00	36.58 1.37 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	39.72 0.70 0.00	36.74 0.18 0.00	34.83 0.31 0.00	34.43 0.37 0.00	35.45 0.49 0.00	40.92 1.46 0.00	56.31 0.94 0.01	71.17 2.34 0.00	53.03 1.69 0.00	40.06 3.07 0.00	35.74 2.89 0.00	31.61 2.56 0.00	29.54 2.34 0.00	28.59 2.29 0.00	28.15 2.30 0.00	31.42 2.73 0.00	34.19 2.68 0.00	40.53 2.47 0.00	50.19 2.71 0.00	61.16 2.97 0.00	53.72 2.75 0.00	43.82 2.75 0.00	40.19 2.52 0.00	37.14 1.94 0.00
DELAWARE___LFGE 323621	39.84 0.82 0.00	37.32 0.77 0.00	35.18 0.66 0.00	34.74 0.68 0.00	35.70 0.73 0.00	40.37 0.91 0.00	56.87 1.50 0.00	70.90 2.07 0.00	52.57 1.23 0.00	37.70 0.70 0.00	33.44 0.59 0.00	29.52 0.46 0.00	27.64 0.44 0.00	26.72 0.42 0.00	26.26 0.41 0.00	29.21 0.52 0.00	32.04 0.54 0.00	38.89 0.84 0.00	48.58 1.09 0.00	59.59 1.40 0.00	52.24 1.27 0.00	42.09 1.03 0.00	38.53 0.87 0.00	35.94 0.74 0.00
DERFIELD_115KV_TB7 355931	39.18 0.16 0.00	36.70 0.15 0.00	34.66 0.14 0.00	34.20 0.14 0.00	35.14 0.17 0.00	39.66 0.20 0.00	55.71 0.33 0.00	69.32 0.48 0.00	51.70 0.36 0.00	37.14 0.15 0.00	32.98 0.13 0.00	29.17 0.12 0.00	27.31 0.11 0.00	26.40 0.11 0.00	25.95 0.10 0.00	28.81 0.11 0.00	31.63 0.13 0.00	38.28 0.23 0.00	47.77 0.28 0.00	58.54 0.35 0.00	51.28 0.31 0.00	41.39 0.33 0.00	37.93 0.26 0.00	35.41 0.21 0.00
DOGLEVILLE___HYD 23807	38.36 -0.66 0.00	36.01 -0.55 0.00	34.04 -0.48 0.00	33.62 -0.44 0.00	34.55 -0.42 0.00	39.07 -0.39 0.00	54.93 -0.44 0.00	68.49 -0.34 0.00	51.08 -0.26 0.00	36.70 -0.30 0.00	32.62 -0.23 0.00	28.82 -0.23 0.00	26.96 -0.25 0.00	26.06 -0.24 0.00	25.62 -0.23 0.00	28.47 -0.23 0.00	31.25 -0.25 0.00	37.86 -0.19 0.00	47.25 -0.24 0.00	57.90 -0.29 0.00	50.67 -0.30 0.00	40.82 -0.24 0.00	37.29 -0.38 0.00	34.78 -0.42 0.00
DUNKIRK___115KV_TB_200 55889	38.82 -0.20 0.00	36.33 -0.22 0.00	33.94 -0.59 0.00	33.28 -0.78 0.00	34.09 -0.87 0.00	38.32 -1.14 0.00	53.94 -1.44 0.00	65.67 -3.17 0.00	48.56 -2.77 0.00	35.40 -1.59 0.00	31.37 -1.48 0.00	27.72 -1.34 0.00	26.01 -1.20 0.00	25.27 -1.03 0.00	24.79 -1.06 0.00	27.43 -1.26 0.00	30.09 -1.42 0.00	36.19 -1.86 0.00	45.54 -1.95 0.00	56.27 -1.92 0.00	48.52 -2.45 0.00	38.07 -3.00 0.00	35.33 -2.34 0.00	33.09 -2.11 0.00
DUNKIRK___1 23563	38.82 -0.20 0.00	36.33 -0.22 0.00	33.94 -0.59 0.00	33.28 -0.78 0.00	34.09 -0.87 0.00	38.32 -1.14 0.00	53.94 -1.44 0.00	65.67 -3.17 0.00	48.56 -2.77 0.00	35.40 -1.59 0.00	31.37 -1.48 0.00	27.72 -1.34 0.00	26.01 -1.20 0.00	25.27 -1.03 0.00	24.79 -1.06 0.00	27.43 -1.26 0.00	30.09 -1.42 0.00	36.19 -1.86 0.00	45.54 -1.95 0.00	56.27 -1.92 0.00	48.52 -2.45 0.00	38.07 -3.00 0.00	35.33 -2.34 0.00	33.09 -2.11 0.00
DUNKIRK___2 23564	38.82 -0.20 0.00	36.33 -0.22 0.00	33.94 -0.59 0.00	33.28 -0.78 0.00	34.09 -0.87 0.00	38.32 -1.14 0.00	53.94 -1.44 0.00	65.67 -3.17 0.00	48.56 -2.77 0.00	35.40 -1.59 0.00	31.37 -1.48 0.00	27.72 -1.34 0.00	26.01 -1.20 0.00	25.27 -1.03 0.00	24.79 -1.06 0.00	27.43 -1.26 0.00	30.09 -1.42 0.00	36.19 -1.86 0.00	45.54 -1.95 0.00	56.27 -1.92 0.00	48.52 -2.45 0.00	38.07 -3.00 0.00	35.33 -2.34 0.00	33.09 -2.11 0.00
DUNKIRK___3 23565	38.55 -0.47 0.00	36.11 -0.44 0.00	33.73 -0.79 0.00	33.11 -0.95 0.00	33.95 -1.01 0.00	38.20 -1.26 0.00	53.71 -1.66 0.00	65.46 -3.37 0.00	48.41 -2.93 0.00	35.29 -1.70 0.00	31.27 -1.58 0.00	27.63 -1.42 0.00	25.90 -1.31 0.00	25.17 -1.13 0.00	24.66 -1.19 0.00	27.29 -1.41 0.00	29.93 -1.58 0.00	35.96 -2.09 0.00	45.25 -2.23 0.00	55.92 -2.27 0.00	48.27 -2.70 0.00	37.90 -3.16 0.00	35.25 -2.41 0.00	33.06 -2.15 0.00
DUNKIRK___4 23566	38.55 -0.47 0.00	36.11 -0.44 0.00	33.73 -0.79 0.00	33.11 -0.95 0.00	33.95 -1.01 0.00	38.20 -1.26 0.00	53.71 -1.66 0.00	65.46 -3.37 0.00	48.41 -2.93 0.00	35.29 -1.70 0.00	31.27 -1.58 0.00	27.63 -1.42 0.00	25.90 -1.31 0.00	25.17 -1.13 0.00	24.66 -1.19 0.00	27.29 -1.41 0.00	29.93 -1.58 0.00	35.96 -2.09 0.00	45.25 -2.23 0.00	55.92 -2.27 0.00	48.27 -2.70 0.00	37.90 -3.16 0.00	35.25 -2.41 0.00	33.06 -2.15 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.23 1.21 0.00	37.61 1.06 0.00	35.45 0.93 0.00	35.05 0.99 0.00	36.05 1.08 0.00	40.92 1.46 0.00	57.65 2.27 0.00	72.21 3.37 0.00	53.95 2.62 0.00	38.99 2.00 0.00	34.66 1.81 0.00	30.71 1.66 0.00	28.81 1.60 0.00	27.80 1.50 0.00	27.37 1.53 0.00	30.39 1.69 0.00	33.30 1.80 0.00	40.22 2.17 0.00	49.95 2.47 0.00	61.04 2.85 0.00	53.62 2.65 0.00	43.28 2.22 0.00	39.62 1.96 0.00	36.82 1.62 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.96 0.94 0.00	37.36 0.80 0.00	35.21 0.69 0.00	34.84 0.78 0.00	35.84 0.87 0.00	40.60 1.14 0.00	57.26 1.88 0.00	71.66 2.82 0.00	53.39 2.05 0.00	38.40 1.41 0.00	34.03 1.18 0.00	30.13 1.08 0.00	28.24 1.03 0.00	27.30 1.00 0.00	26.88 1.03 0.00	29.85 1.15 0.00	32.74 1.23 0.00	39.61 1.56 0.00	49.34 1.85 0.00	60.40 2.21 0.00	53.01 2.04 0.00	42.79 1.72 0.00	39.13 1.47 0.00	36.47 1.27 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	40.43 1.40 -0.01	37.80 1.24 -0.01	35.59 1.07 0.00	35.18 1.12 0.00	36.23 1.26 -0.01	41.07 1.62 0.01	57.70 2.33 0.00	72.41 3.58 0.00	54.25 2.93 0.01	39.20 2.22 0.01	34.88 2.04 0.01	30.91 1.86 0.01	28.99 1.80 0.01	28.00 1.71 0.01	27.57 1.73 0.01	30.58 1.89 0.01	33.52 2.02 0.01	40.44 2.40 0.01	50.23 2.75 0.01	61.16 2.97 0.00	53.76 2.80 0.01	43.48 2.42 0.01	39.77 2.11 0.01	36.96 1.76 0.01
E179THST_13_KV_LOAD 356214	40.63 1.60 -0.01	37.95 1.39 -0.01	35.73 1.21 0.00	35.32 1.26 0.00	36.37 1.40 -0.01	41.23 1.78 0.01	57.98 2.60 0.00	72.76 3.92 0.00	54.46 3.13 0.01	39.35 2.37 0.01	35.04 2.20 0.01	31.05 2.00 0.01	29.13 1.93 0.01	28.11 1.81 0.01	27.68 1.84 0.01	30.73 2.04 0.01	33.64 2.14 0.01	40.63 2.59 0.01	50.47 2.99 0.01	61.45 3.26 0.00	54.02 3.06 0.01	43.65 2.59 0.01	39.95 2.30 0.01	37.10 1.90 0.01
EAST HAMPTON___GT 23717	39.33 0.31 0.00	36.41 -0.15 0.00	34.49 -0.03 0.00	33.99 -0.07 0.00	35.11 0.14 0.00	40.56 1.10 0.00	55.87 0.50 0.01	70.69 1.86 0.00	52.62 1.28 0.00	39.80 2.81 0.00	35.57 2.72 0.00	31.50 2.44 0.00	29.46 2.26 0.00	28.56 2.26 0.00	28.12 2.28 0.00	31.39 2.70 0.00	34.60 3.09 0.00	40.03 1.98 0.00	50.14 2.66 0.00	61.16 2.97 0.00	53.77 2.80 0.00	44.19 3.12 0.00	39.70 2.03 0.00	37.14 1.93 0.00
EAST RIVER___6 23660	40.46 1.44 0.00	37.83 1.28 0.00	35.63 1.10 0.00	35.22 1.16 0.00	36.26 1.29 0.00	41.16 1.70 0.00	57.98 2.60 0.00	72.69 3.85 0.00	54.36 3.03 0.00	39.33 2.33 0.00	34.98 2.13 0.00	31.03 1.98 0.00	29.05 1.85 0.00	28.09 1.79 0.00	27.66 1.81 0.00	30.65 1.95 0.00	33.62 2.11 0.00	40.53 2.47 0.00	50.33 2.85 0.00	61.39 3.20 0.00	53.92 2.96 0.00	43.53 2.46 0.00	39.81 2.15 0.00	37.00 1.79 0.00
EAST RIVER___7 23524	40.46 1.44 0.00	37.83 1.28 0.00	35.63 1.10 0.00	35.22 1.16 0.00	36.26 1.29 0.00	41.16 1.70 0.00	57.98 2.60 0.00	72.69 3.85 0.00	54.36 3.03 0.00	39.33 2.33 0.00	34.98 2.13 0.00	31.03 1.98 0.00	29.05 1.85 0.00	28.09 1.79 0.00	27.66 1.81 0.00	30.65 1.95 0.00	33.62 2.11 0.00	40.53 2.47 0.00	50.33 2.85 0.00	61.39 3.20 0.00	53.92 2.96 0.00	43.53 2.46 0.00	39.81 2.15 0.00	37.00 1.79 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.15 1.13 0.00	37.54 0.99 0.00	35.39 0.86 0.00	35.01 0.95 0.00	36.01 1.05 0.00	40.84 1.38 0.00	57.54 2.16 0.00	72.07 3.24 0.00	53.85 2.52 0.00	38.88 1.89 0.00	34.56 1.71 0.00	30.63 1.57 0.00	28.70 1.50 0.00	27.72 1.42 0.00	27.30 1.45 0.00	30.30 1.61 0.00	33.21 1.70 0.00	40.15 2.09 0.00	49.86 2.37 0.00	60.93 2.74 0.00	53.47 2.50 0.00	43.16 2.09 0.00	39.51 1.85 0.00	36.75 1.55 0.00
EAST_HAMPTON___DIESEL 23722	39.26 0.24 0.00	36.34 -0.22 0.00	34.39 -0.14 0.00	33.92 -0.14 0.00	35.04 0.07 0.00	40.48 1.02 0.00	55.76 0.39 0.01	70.56 1.72 0.00	52.52 1.18 0.00	39.77 2.78 0.00	35.54 2.69 0.00	31.47 2.41 0.00	29.43 2.23 0.00	28.53 2.23 0.00	28.12 2.28 0.00	31.37 2.67 0.00	34.56 3.06 0.00	40.03 1.98 0.00	50.09 2.61 0.00	61.10 2.91 0.00	53.72 2.75 0.00	44.15 3.08 0.00	39.66 1.99 0.00	37.10 1.90 0.00
EAST_POINT___SOLAR 323840	41.71 2.69 0.00	39.07 2.52 0.00	36.80 2.28 0.00	36.44 2.38 0.00	37.59 2.62 0.00	42.97 3.51 0.00	60.91 5.54 0.00	74.41 5.57 0.00	53.54 2.21 0.00	36.96 -0.04 0.00	32.46 -0.39 0.00	28.45 -0.61 0.00	26.96 -0.25 0.00	26.19 -0.10 0.00	25.54 -0.31 0.00	28.78 0.09 0.00	32.30 0.79 0.00	40.30 2.24 0.00	50.81 3.32 0.00	62.73 4.54 0.00	55.00 4.03 0.00	44.35 3.29 0.00	40.52 2.86 0.00	37.70 2.50 0.00
EAST_PULASKI___ESR 323781	38.36 -0.66 0.00	35.93 -0.62 0.00	33.94 -0.59 0.00	33.41 -0.65 0.00	34.20 -0.77 0.00	38.51 -0.95 0.00	54.27 -1.11 0.00	67.52 -1.31 0.00	50.00 -1.34 0.00	35.88 -1.11 0.00	31.80 -1.05 0.00	28.07 -0.99 0.00	26.28 -0.92 0.00	25.40 -0.89 0.00	24.94 -0.91 0.00	27.75 -0.95 0.00	30.47 -1.04 0.00	36.84 -1.22 0.00	46.16 -1.33 0.00	56.91 -1.28 0.00	49.75 -1.22 0.00	40.00 -1.07 0.00	36.65 -1.02 0.00	34.22 -0.99 0.00
EAST_RIVER___1 323558	40.38 1.37 0.00	37.76 1.20 0.00	35.56 1.03 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.08 1.62 0.00	57.87 2.49 0.00	72.62 3.78 0.00	54.26 2.92 0.00	39.21 2.22 0.00	34.92 2.07 0.00	30.94 1.89 0.00	29.00 1.79 0.00	28.01 1.71 0.00	27.61 1.76 0.00	30.59 1.89 0.00	33.55 2.05 0.00	40.45 2.40 0.00	50.24 2.75 0.00	61.27 3.08 0.00	53.82 2.85 0.00	43.45 2.38 0.00	39.73 2.07 0.00	36.96 1.76 0.00
EAST_RIVER___2 323559	40.46 1.44 0.00	37.83 1.28 0.00	35.63 1.10 0.00	35.22 1.16 0.00	36.26 1.29 0.00	41.16 1.70 0.00	57.98 2.60 0.00	72.69 3.85 0.00	54.36 3.03 0.00	39.33 2.33 0.00	34.98 2.13 0.00	31.03 1.98 0.00	29.05 1.85 0.00	28.09 1.79 0.00	27.66 1.81 0.00	30.65 1.95 0.00	33.62 2.11 0.00	40.53 2.47 0.00	50.33 2.85 0.00	61.39 3.20 0.00	53.92 2.96 0.00	43.53 2.46 0.00	39.81 2.15 0.00	37.00 1.79 0.00
EAST___DELAWARE_HYD 23607	39.80 0.78 0.00	37.21 0.66 0.00	35.07 0.55 0.00	34.67 0.61 0.00	35.66 0.70 0.00	40.41 0.95 0.00	57.09 1.72 0.00	71.38 2.55 0.00	53.08 1.75 0.00	38.03 1.03 0.00	33.64 0.79 0.00	29.73 0.67 0.00	27.83 0.63 0.00	26.93 0.63 0.00	26.52 0.67 0.00	29.44 0.74 0.00	32.33 0.82 0.00	39.19 1.14 0.00	49.00 1.52 0.00	60.11 1.92 0.00	52.70 1.73 0.00	42.50 1.44 0.00	38.83 1.17 0.00	36.22 1.02 0.00
EIGHT_POINT___WT_PWR 323820	38.24 -0.78 0.00	35.93 -0.62 0.00	33.80 -0.73 0.00	33.21 -0.85 0.00	34.02 -0.94 0.00	38.36 -1.10 0.00	54.27 -1.11 0.00	66.98 -1.86 0.00	49.44 -1.90 0.00	35.44 -1.55 0.00	31.24 -1.61 0.00	27.54 -1.51 0.00	25.92 -1.28 0.00	25.09 -1.21 0.00	24.58 -1.27 0.00	27.29 -1.41 0.00	29.96 -1.54 0.00	36.42 -1.64 0.00	46.25 -1.23 0.00	57.15 -1.05 0.00	49.64 -1.33 0.00	39.26 -1.81 0.00	36.16 -1.51 0.00	33.76 -1.44 0.00
ELBRIDGE_115KV_TB2 80188	38.47 -0.55 0.00	36.04 -0.51 0.00	34.00 -0.52 0.00	33.48 -0.58 0.00	34.34 -0.63 0.00	38.63 -0.83 0.00	54.43 -0.94 0.00	67.60 -1.24 0.00	50.21 -1.13 0.00	36.22 -0.78 0.00	32.13 -0.72 0.00	28.42 -0.64 0.00	26.60 -0.60 0.00	25.75 -0.55 0.00	25.28 -0.57 0.00	28.04 -0.66 0.00	30.78 -0.72 0.00	37.10 -0.95 0.00	46.44 -1.04 0.00	57.03 -1.16 0.00	49.80 -1.17 0.00	40.00 -1.07 0.00	36.72 -0.94 0.00	34.39 -0.81 0.00
ELEC_TRO_TEK 24086	40.35 1.33 0.00	37.65 1.10 0.00	35.49 0.97 0.00	35.08 1.02 0.00	36.05 1.08 0.00	41.20 1.74 0.00	57.42 2.05 0.00	72.21 3.37 0.00	54.01 2.67 0.00	39.32 2.33 0.00	34.98 2.14 0.00	30.95 1.89 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.53 1.68 0.00	30.62 1.92 0.00	33.59 2.08 0.00	40.53 2.47 0.00	50.19 2.71 0.00	61.22 3.03 0.00	53.77 2.80 0.00	43.69 2.63 0.00	39.96 2.30 0.00	37.07 1.87 0.00

ELLENBURG_WT_PWR 323604	39.88 0.86 0.00	37.54 0.99 0.00	35.59 1.07 0.00	35.22 1.16 0.00	36.12 1.15 0.00	40.80 1.34 0.00	56.65 1.27 0.00	69.80 0.96 0.00	52.57 1.23 0.00	38.10 1.11 0.00	33.74 0.89 0.00	29.78 0.73 0.00	27.83 0.63 0.00	26.90 0.61 0.00	26.42 0.57 0.00	29.36 0.66 0.00	32.23 0.73 0.00	38.97 0.91 0.00	48.67 1.19 0.00	59.65 1.46 0.00	52.14 1.17 0.00	41.84 0.78 0.00	38.34 0.68 0.00	35.73 0.53 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.73 -1.29 0.00	35.38 -1.17 0.00	33.07 -1.45 0.00	32.49 -1.57 0.00	33.39 -1.57 0.00	37.61 -1.85 0.00	52.55 -2.82 0.00	64.02 -4.82 0.00	47.43 -3.90 0.00	34.81 -2.18 0.00	30.81 -2.04 0.00	27.17 -1.89 0.00	25.43 -1.77 0.00	24.75 -1.55 0.00	24.25 -1.60 0.00	26.77 -1.92 0.00	29.40 -2.11 0.00	35.20 -2.85 0.00	44.21 -3.28 0.00	54.64 -3.55 0.00	47.25 -3.72 0.00	37.25 -3.82 0.00	34.80 -2.86 0.00	32.63 -2.57 0.00
EMPIRE_CC_1 323656	39.37 0.35 0.00	36.84 0.29 0.00	34.83 0.31 0.00	34.43 0.38 0.00	35.39 0.42 0.00	40.09 0.63 0.00	56.04 0.67 0.00	69.59 0.76 0.00	51.90 0.57 0.00	37.55 0.56 0.00	33.44 0.59 0.00	29.58 0.52 0.00	27.66 0.46 0.00	26.75 0.45 0.00	26.31 0.47 0.00	29.21 0.52 0.00	32.17 0.66 0.00	38.85 0.80 0.00	48.24 0.76 0.00	58.83 0.64 0.00	51.68 0.71 0.00	41.93 0.86 0.00	38.42 0.75 0.00	36.12 0.91 0.00
EMPIRE_CC_2 323658	39.37 0.35 0.00	36.84 0.29 0.00	34.83 0.31 0.00	34.43 0.38 0.00	35.39 0.42 0.00	40.09 0.63 0.00	56.04 0.67 0.00	69.59 0.76 0.00	51.90 0.57 0.00	37.55 0.56 0.00	33.44 0.59 0.00	29.58 0.52 0.00	27.66 0.46 0.00	26.75 0.45 0.00	26.31 0.47 0.00	29.21 0.52 0.00	32.17 0.66 0.00	38.85 0.80 0.00	48.24 0.76 0.00	58.83 0.64 0.00	51.68 0.71 0.00	41.93 0.86 0.00	38.42 0.75 0.00	36.12 0.91 0.00
ENORWICH_115KV_TB1 80156	41.52 2.50 0.00	39.04 2.49 0.00	36.73 2.21 0.00	36.34 2.28 0.00	37.24 2.27 0.00	42.06 2.60 0.00	59.81 4.43 0.00	74.68 5.85 0.00	54.67 3.34 0.00	38.40 1.41 0.00	33.60 0.76 0.00	29.41 0.35 0.00	27.53 0.33 0.00	26.64 0.34 0.00	26.11 0.26 0.00	29.19 0.49 0.00	32.07 0.57 0.00	39.61 1.56 0.00	50.00 2.52 0.00	62.21 4.02 0.00	54.18 3.21 0.00	43.37 2.30 0.00	39.58 1.92 0.00	36.75 1.55 0.00
ERIE_ST_34_KV_TB1-2 80199	38.47 -0.55 0.00	36.04 -0.51 0.00	33.69 -0.83 0.00	33.11 -0.95 0.00	34.02 -0.94 0.00	38.36 -1.10 0.00	53.94 -1.44 0.00	65.60 -3.24 0.00	48.62 -2.72 0.00	35.51 -1.48 0.00	31.40 -1.45 0.00	27.72 -1.34 0.00	25.90 -1.31 0.00	25.19 -1.10 0.00	24.69 -1.16 0.00	27.29 -1.41 0.00	29.96 -1.54 0.00	35.96 -2.09 0.00	45.21 -2.28 0.00	55.86 -2.33 0.00	48.27 -2.70 0.00	37.99 -3.08 0.00	35.44 -2.22 0.00	33.30 -1.90 0.00
ERIE_WT_PWR 323693	38.12 -0.90 0.00	35.71 -0.84 0.00	33.49 -1.03 0.00	32.90 -1.16 0.00	33.71 -1.26 0.00	37.96 -1.50 0.00	53.16 -2.22 0.00	64.71 -4.13 0.00	48.26 -3.08 0.00	35.11 -1.89 0.00	31.07 -1.77 0.00	27.40 -1.66 0.00	25.79 -1.42 0.00	24.93 -1.37 0.00	24.43 -1.42 0.00	27.06 -1.63 0.00	29.62 -1.89 0.00	35.54 -2.51 0.00	44.64 -2.85 0.00	55.16 -3.03 0.00	47.71 -3.26 0.00	37.53 -3.53 0.00	35.14 -2.52 0.00	32.92 -2.29 0.00
ESPRGFLD_115KV_TB1 80157	41.01 1.99 0.00	38.42 1.86 0.00	36.15 1.62 0.00	35.73 1.67 0.00	36.75 1.78 0.00	41.87 2.41 0.00	59.31 3.93 0.00	73.45 4.61 0.00	53.85 2.52 0.00	37.96 0.96 0.00	33.44 0.59 0.00	29.41 0.35 0.00	27.64 0.44 0.00	26.75 0.45 0.00	26.24 0.39 0.00	29.33 0.63 0.00	32.36 0.85 0.00	39.73 1.67 0.00	49.76 2.28 0.00	61.39 3.20 0.00	53.77 2.80 0.00	43.32 2.26 0.00	39.58 1.92 0.00	36.86 1.65 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.53 0.51 0.00	37.03 0.48 0.00	34.90 0.38 0.00	34.37 0.31 0.00	35.28 0.31 0.00	39.78 0.32 0.00	56.21 0.83 0.00	69.80 0.96 0.00	51.64 0.31 0.00	37.03 0.04 0.00	32.68 -0.16 0.00	28.82 -0.23 0.00	26.98 -0.22 0.00	26.11 -0.18 0.00	25.64 -0.21 0.00	28.50 -0.20 0.00	31.29 -0.22 0.00	37.98 -0.08 0.00	47.72 0.24 0.00	58.77 0.58 0.00	51.33 0.36 0.00	41.15 0.08 0.00	37.70 0.04 0.00	35.24 0.04 0.00
ETNA____115KV_TB2 80207	39.53 0.51 0.00	37.03 0.48 0.00	34.90 0.38 0.00	34.37 0.31 0.00	35.28 0.31 0.00	39.78 0.32 0.00	56.21 0.83 0.00	69.80 0.96 0.00	51.64 0.31 0.00	37.03 0.04 0.00	32.68 -0.16 0.00	28.82 -0.23 0.00	26.98 -0.22 0.00	26.11 -0.18 0.00	25.64 -0.21 0.00	28.50 -0.20 0.00	31.29 -0.22 0.00	37.98 -0.08 0.00	47.72 0.24 0.00	58.77 0.58 0.00	51.33 0.36 0.00	41.15 0.08 0.00	37.70 0.04 0.00	35.24 0.04 0.00
EUCLID____115KV_TB2 356179	38.28 -0.74 0.00	35.86 -0.69 0.00	33.80 -0.72 0.00	33.28 -0.78 0.00	34.13 -0.84 0.00	38.40 -1.07 0.00	54.05 -1.33 0.00	67.11 -1.72 0.00	49.85 -1.49 0.00	36.03 -0.96 0.00	32.00 -0.85 0.00	28.30 -0.76 0.00	26.50 -0.71 0.00	25.64 -0.66 0.00	25.18 -0.67 0.00	27.95 -0.75 0.00	30.69 -0.82 0.00	36.91 -1.14 0.00	46.16 -1.33 0.00	56.68 -1.51 0.00	49.54 -1.43 0.00	39.75 -1.31 0.00	36.53 -1.13 0.00	34.18 -1.02 0.00
E_CANADA_CAP_HY 24051	41.44 2.42 0.00	38.82 2.27 0.00	36.49 1.97 0.00	36.14 2.08 0.00	37.24 2.27 0.00	42.62 3.16 0.00	60.36 4.99 0.00	74.27 5.44 0.00	54.06 2.72 0.00	37.77 0.78 0.00	33.18 0.33 0.00	29.17 0.12 0.00	27.47 0.27 0.00	26.62 0.32 0.00	26.08 0.23 0.00	29.24 0.54 0.00	32.49 0.98 0.00	40.11 2.05 0.00	50.33 2.85 0.00	62.09 3.90 0.00	54.44 3.47 0.00	44.02 2.96 0.00	40.23 2.56 0.00	37.42 2.22 0.00
E_CANADA_MHWK_HY 24050	38.36 -0.66 0.00	36.01 -0.55 0.00	34.04 -0.48 0.00	33.62 -0.44 0.00	34.55 -0.42 0.00	39.07 -0.39 0.00	54.93 -0.44 0.00	68.49 -0.34 0.00	51.08 -0.26 0.00	36.70 -0.30 0.00	32.62 -0.23 0.00	28.82 -0.23 0.00	26.96 -0.25 0.00	26.06 -0.24 0.00	25.62 -0.23 0.00	28.47 -0.23 0.00	31.25 -0.25 0.00	37.86 -0.19 0.00	47.25 -0.24 0.00	57.90 -0.29 0.00	50.67 -0.30 0.00	40.82 -0.24 0.00	37.29 -0.38 0.00	34.78 -0.42 0.00
E_FISHKILL____LBMP 23776	39.96 0.94 0.00	37.36 0.80 0.00	35.25 0.72 0.00	34.84 0.78 0.00	35.84 0.87 0.00	40.64 1.18 0.00	57.15 1.77 0.00	71.52 2.68 0.00	53.39 2.05 0.00	38.55 1.55 0.00	34.26 1.41 0.00	30.34 1.28 0.00	28.43 1.22 0.00	27.46 1.16 0.00	27.04 1.19 0.00	30.02 1.32 0.00	32.93 1.42 0.00	39.80 1.75 0.00	49.48 1.99 0.00	60.40 2.21 0.00	53.06 2.09 0.00	42.87 1.81 0.00	39.25 1.58 0.00	36.54 1.34 0.00
FALCON____SEABRD_CC1 323796	40.62 1.60 0.00	38.31 1.75 0.00	36.39 1.86 0.00	36.03 1.97 0.00	36.96 1.99 0.00	41.79 2.33 0.00	57.48 2.10 0.00	70.14 1.30 0.00	53.34 2.00 0.00	39.03 2.03 0.00	34.49 1.64 0.00	30.42 1.37 0.00	28.43 1.23 0.00	27.48 1.18 0.00	26.98 1.14 0.00	29.96 1.26 0.00	32.89 1.38 0.00	39.84 1.79 0.00	49.81 2.33 0.00	61.04 2.85 0.00	53.37 2.40 0.00	42.71 1.64 0.00	39.13 1.47 0.00	36.43 1.23 0.00

FALCON___SEABRD_CC2 323797	40.62 1.60 0.00	38.31 1.75 0.00	36.39 1.86 0.00	36.03 1.97 0.00	36.96 1.99 0.00	41.79 2.33 0.00	57.48 2.10 0.00	70.14 1.30 0.00	53.34 2.00 0.00	39.03 2.03 0.00	34.49 1.64 0.00	30.42 1.37 0.00	28.43 1.23 0.00	27.48 1.18 0.00	26.98 1.14 0.00	29.96 1.26 0.00	32.89 1.38 0.00	39.84 1.79 0.00	49.81 2.33 0.00	61.04 2.85 0.00	53.37 2.40 0.00	42.71 1.64 0.00	39.13 1.47 0.00	36.43 1.23 0.00
FAR ROCKAWAY___4 23548	40.85 1.83 0.00	38.13 1.57 0.00	35.90 1.38 0.00	35.49 1.43 0.00	36.50 1.54 0.00	41.67 2.21 0.00	58.14 2.77 0.00	73.10 4.27 0.00	54.62 3.29 0.00	39.73 2.74 0.00	35.35 2.50 0.00	31.27 2.21 0.00	29.22 2.01 0.00	28.19 1.89 0.00	27.79 1.94 0.00	30.91 2.21 0.00	33.90 2.39 0.00	40.95 2.89 0.00	50.76 3.28 0.00	61.97 3.78 0.00	54.49 3.52 0.00	44.23 3.16 0.00	40.45 2.79 0.00	37.49 2.29 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.42 1.40 0.00	37.76 1.21 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.22 1.26 0.00	41.08 1.62 0.00	57.87 2.49 0.00	72.62 3.79 0.00	54.31 2.98 0.00	39.21 2.22 0.00	34.92 2.07 0.00	30.95 1.89 0.00	29.03 1.82 0.00	28.03 1.74 0.00	27.61 1.76 0.00	30.62 1.92 0.00	33.52 2.02 0.00	40.49 2.44 0.00	50.24 2.75 0.00	61.33 3.14 0.00	53.87 2.91 0.00	43.45 2.38 0.00	39.77 2.11 0.00	36.96 1.76 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.42 1.40 0.00	37.76 1.21 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.22 1.26 0.00	41.08 1.62 0.00	57.87 2.49 0.00	72.62 3.79 0.00	54.31 2.98 0.00	39.21 2.22 0.00	34.92 2.07 0.00	30.95 1.89 0.00	29.03 1.82 0.00	28.03 1.74 0.00	27.61 1.76 0.00	30.62 1.92 0.00	33.52 2.02 0.00	40.49 2.44 0.00	50.24 2.75 0.00	61.33 3.14 0.00	53.87 2.91 0.00	43.45 2.38 0.00	39.77 2.11 0.00	36.96 1.76 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.39 1.37 0.00	37.76 1.21 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.19 1.22 0.00	41.08 1.62 0.00	57.87 2.49 0.00	72.55 3.72 0.00	54.26 2.93 0.00	39.21 2.22 0.00	34.89 2.04 0.00	30.95 1.89 0.00	29.03 1.82 0.00	28.01 1.71 0.00	27.58 1.73 0.00	30.59 1.89 0.00	33.52 2.02 0.00	40.45 2.40 0.00	50.19 2.71 0.00	61.28 3.08 0.00	53.82 2.85 0.00	43.45 2.38 0.00	39.77 2.11 0.00	36.93 1.72 0.00
FARRAGUT___LBMP 323566	40.39 1.37 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.15 1.09 0.00	36.15 1.19 0.00	41.04 1.58 0.00	57.81 2.44 0.00	72.48 3.65 0.00	54.21 2.87 0.00	39.18 2.18 0.00	34.89 2.04 0.00	30.92 1.86 0.00	29.00 1.80 0.00	27.98 1.68 0.00	27.55 1.71 0.00	30.56 1.87 0.00	33.49 1.98 0.00	40.45 2.40 0.00	50.14 2.66 0.00	61.22 3.03 0.00	53.77 2.80 0.00	43.41 2.34 0.00	39.74 2.07 0.00	36.93 1.72 0.00
FENNER___WINDPWR 24204	39.64 0.62 0.00	37.17 0.62 0.00	35.07 0.55 0.00	34.60 0.54 0.00	35.49 0.53 0.00	40.01 0.55 0.00	56.43 1.05 0.00	70.28 1.45 0.00	52.16 0.82 0.00	37.29 0.29 0.00	32.98 0.13 0.00	29.06 0.00 0.00	27.20 0.00 0.00	26.30 0.00 0.00	25.82 -0.03 0.00	28.73 0.03 0.00	31.54 0.03 0.00	38.32 0.27 0.00	48.01 0.52 0.00	59.12 0.93 0.00	51.68 0.71 0.00	41.56 0.49 0.00	38.04 0.38 0.00	35.48 0.28 0.00
FIBERTEK___ENERGY 23856	38.71 -0.31 0.00	36.26 -0.29 0.00	34.18 -0.35 0.00	33.65 -0.41 0.00	34.51 -0.45 0.00	38.83 -0.63 0.00	54.71 -0.66 0.00	68.01 -0.83 0.00	50.52 -0.82 0.00	36.44 -0.55 0.00	32.32 -0.53 0.00	28.56 -0.49 0.00	26.74 -0.46 0.00	25.88 -0.42 0.00	25.41 -0.44 0.00	28.18 -0.52 0.00	30.94 -0.57 0.00	37.29 -0.76 0.00	46.68 -0.81 0.00	57.32 -0.87 0.00	50.10 -0.87 0.00	40.24 -0.82 0.00	36.91 -0.75 0.00	34.57 -0.63 0.00
FITZPATRICK____ 23598	37.81 -1.21 0.00	35.42 -1.13 0.00	33.45 -1.07 0.00	32.94 -1.12 0.00	33.74 -1.22 0.00	37.92 -1.54 0.00	53.27 -2.10 0.00	66.22 -2.62 0.00	49.28 -2.06 0.00	35.55 -1.44 0.00	31.63 -1.21 0.00	28.04 -1.02 0.00	26.25 -0.95 0.00	25.38 -0.92 0.00	24.94 -0.91 0.00	27.69 -1.01 0.00	30.37 -1.13 0.00	36.49 -1.56 0.00	45.58 -1.90 0.00	55.92 -2.27 0.00	48.88 -2.09 0.00	39.34 -1.72 0.00	36.12 -1.55 0.00	33.83 -1.37 0.00
FLOWRFLD_69_KV_BK1 356044	40.35 1.33 0.00	37.50 0.95 0.00	35.42 0.90 0.00	35.01 0.95 0.00	36.01 1.05 0.00	41.39 1.93 0.00	57.20 1.83 0.01	72.14 3.30 0.00	53.90 2.57 0.00	39.84 2.85 0.00	35.48 2.63 0.00	31.32 2.27 0.00	29.27 2.07 0.00	28.27 1.97 0.00	27.84 1.99 0.00	31.05 2.35 0.00	34.03 2.52 0.00	40.83 2.78 0.00	50.57 3.09 0.00	61.57 3.38 0.00	54.03 3.06 0.00	44.06 3.00 0.00	40.30 2.64 0.00	37.24 2.04 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.35 1.33 0.00	37.72 1.17 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.19 1.22 0.00	41.04 1.58 0.00	57.92 2.55 0.00	72.41 3.58 0.00	53.95 2.62 0.00	38.73 1.74 0.00	34.26 1.41 0.00	30.31 1.25 0.00	28.40 1.20 0.00	27.46 1.16 0.00	27.04 1.19 0.00	30.05 1.35 0.00	32.99 1.48 0.00	39.96 1.90 0.00	49.86 2.37 0.00	61.10 2.91 0.00	53.57 2.60 0.00	43.20 2.14 0.00	39.51 1.85 0.00	36.86 1.65 0.00
FORT ORANGE____ 23900	39.49 0.47 0.00	36.99 0.44 0.00	34.97 0.45 0.00	34.57 0.51 0.00	35.52 0.56 0.00	40.25 0.79 0.00	56.48 1.11 0.00	70.28 1.45 0.00	52.26 0.93 0.00	37.58 0.59 0.00	33.44 0.59 0.00	29.58 0.52 0.00	27.64 0.43 0.00	26.72 0.42 0.00	26.26 0.41 0.00	29.18 0.49 0.00	32.14 0.63 0.00	38.89 0.84 0.00	48.43 0.95 0.00	59.24 1.05 0.00	52.04 1.07 0.00	42.05 0.98 0.00	38.53 0.87 0.00	36.12 0.91 0.00
FORT_DRUM_COGEN 23780	39.49 0.47 0.00	37.07 0.51 0.00	35.01 0.48 0.00	34.54 0.48 0.00	35.35 0.38 0.00	39.86 0.39 0.00	56.37 1.00 0.00	70.49 1.65 0.00	51.75 0.41 0.00	36.55 -0.44 0.00	32.19 -0.66 0.00	28.21 -0.84 0.00	26.41 -0.79 0.00	25.54 -0.76 0.00	25.10 -0.75 0.00	28.01 -0.69 0.00	30.72 -0.79 0.00	37.67 -0.38 0.00	47.44 -0.05 0.00	59.12 0.93 0.00	51.73 0.76 0.00	41.56 0.49 0.00	37.70 0.04 0.00	34.96 -0.25 0.00
FOX_HILLS___ESR 323835	49.12 1.79 -8.30	48.49 1.61 -10.33	48.52 1.42 -12.58	48.52 1.46 -12.99	48.49 1.57 -11.95	48.54 1.97 -7.10	57.98 2.60 0.00	72.90 4.06 0.00	55.19 3.18 -0.67	52.24 2.33 -12.91	50.25 2.14 -15.26	51.52 1.95 -20.51	50.24 1.88 -21.16	50.21 1.79 -22.12	51.46 1.81 -23.81	51.56 2.01 -20.85	51.71 2.11 -18.09	52.96 2.55 -12.35	85.99 2.99 -35.51	85.96 3.32 -24.45	85.88 3.11 -31.80	54.09 2.63 -10.40	53.44 2.37 -13.40	50.23 2.04 -12.98
FPL FAR_ROCK_GT1 24212	40.85 1.83 0.00	38.12 1.57 0.00	35.87 1.35 0.00	35.42 1.36 0.00	36.47 1.50 0.00	41.67 2.21 0.00	58.14 2.77 0.00	73.10 4.27 0.00	54.52 3.18 0.00	39.73 2.74 0.00	35.34 2.50 0.00	31.26 2.21 0.00	29.19 1.98 0.00	28.19 1.89 0.00	27.79 1.94 0.00	30.88 2.18 0.00	33.97 2.46 0.00	40.83 2.78 0.00	50.81 3.32 0.00	61.97 3.78 0.00	54.48 3.51 0.00	44.27 3.21 0.00	40.34 2.67 0.00	37.49 2.29 0.00

FPL FAR_ROCK_GT2 23815	40.85 1.83 0.00	38.12 1.57 0.00	35.87 1.35 0.00	35.42 1.36 0.00	36.47 1.50 0.00	41.67 2.21 0.00	58.14 2.77 0.00	73.10 4.27 0.00	54.52 3.18 0.00	39.73 2.74 0.00	35.34 2.50 0.00	31.26 2.21 0.00	29.19 1.98 0.00	28.19 1.89 0.00	27.79 1.94 0.00	30.88 2.18 0.00	33.97 2.46 0.00	40.83 2.78 0.00	50.81 3.32 0.00	61.97 3.78 0.00	54.48 3.51 0.00	44.27 3.21 0.00	40.34 2.67 0.00	37.49 2.29 0.00
FRANKLIN_FALL_HYD 24054	40.11 1.09 0.00	37.76 1.21 0.00	35.77 1.24 0.00	35.39 1.33 0.00	36.26 1.29 0.00	41.00 1.54 0.00	57.09 1.72 0.00	70.69 1.86 0.00	53.03 1.69 0.00	38.25 1.26 0.00	33.80 0.95 0.00	29.81 0.76 0.00	27.86 0.65 0.00	26.93 0.63 0.00	26.44 0.59 0.00	29.39 0.69 0.00	32.26 0.76 0.00	39.08 1.03 0.00	48.91 1.42 0.00	60.11 1.92 0.00	52.55 1.58 0.00	42.09 1.03 0.00	38.53 0.87 0.00	35.87 0.67 0.00
FREEPORT_EQUS_GT1 23764	40.50 1.48 0.00	37.80 1.24 0.00	35.59 1.07 0.00	35.12 1.06 0.00	36.15 1.19 0.00	41.35 1.89 0.00	57.59 2.22 0.00	72.41 3.58 0.00	54.06 2.72 0.00	39.47 2.48 0.00	35.15 2.30 0.00	31.09 2.03 0.00	29.03 1.82 0.00	28.06 1.76 0.00	27.63 1.78 0.00	30.74 2.04 0.00	33.87 2.36 0.00	40.57 2.51 0.00	50.48 2.99 0.00	61.51 3.32 0.00	54.08 3.11 0.00	44.02 2.96 0.00	40.08 2.41 0.00	37.24 2.04 0.00
FREEPORT___CT2 23818	40.50 1.48 0.00	37.80 1.24 0.00	35.59 1.07 0.00	35.12 1.06 0.00	36.15 1.19 0.00	41.35 1.89 0.00	57.59 2.22 0.00	72.41 3.58 0.00	54.06 2.72 0.00	39.47 2.48 0.00	35.15 2.30 0.00	31.09 2.03 0.00	29.03 1.82 0.00	28.06 1.76 0.00	27.63 1.78 0.00	30.74 2.04 0.00	33.87 2.36 0.00	40.57 2.51 0.00	50.48 2.99 0.00	61.51 3.32 0.00	54.08 3.11 0.00	44.02 2.96 0.00	40.08 2.41 0.00	37.24 2.04 0.00
FRESHKLS_33_KV_LOAD 356253	49.12 1.79 -8.30	48.49 1.61 -10.33	48.48 1.38 -12.58	48.48 1.43 -12.99	48.49 1.57 -11.95	48.46 1.89 -7.10	57.80 2.44 0.01	72.61 3.79 0.01	54.90 2.98 -0.58	52.12 2.22 -12.91	50.12 2.00 -15.26	51.43 1.86 -20.51	50.16 1.68 -21.16	50.10 1.68 -22.12	51.36 1.71 -23.81	51.44 1.89 -20.85	51.61 2.02 -18.09	52.84 2.44 -12.35	81.89 2.85 -31.55	85.78 3.14 -24.45	83.04 3.01 -29.07	52.81 2.51 -9.24	51.89 2.30 -11.93	50.16 1.97 -12.98
FULTON COGEN____ 23766	38.04 -0.98 0.00	35.64 -0.91 0.00	33.63 -0.90 0.00	33.11 -0.95 0.00	33.95 -1.01 0.00	38.16 -1.30 0.00	53.71 -1.66 0.00	66.77 -2.07 0.00	49.59 -1.75 0.00	35.77 -1.22 0.00	31.77 -1.08 0.00	28.13 -0.93 0.00	26.33 -0.87 0.00	25.48 -0.82 0.00	25.00 -0.85 0.00	27.75 -0.95 0.00	30.47 -1.04 0.00	36.68 -1.37 0.00	45.87 -1.61 0.00	56.39 -1.80 0.00	49.24 -1.73 0.00	39.59 -1.48 0.00	36.35 -1.32 0.00	34.04 -1.16 0.00
FULTON___LFGE 323630	41.28 2.26 0.00	38.67 2.12 0.00	36.42 1.90 0.00	36.07 2.01 0.00	37.17 2.20 0.00	42.46 3.00 0.00	60.08 4.70 0.00	74.21 5.37 0.00	54.16 2.82 0.00	37.95 0.96 0.00	33.41 0.56 0.00	29.35 0.29 0.00	27.56 0.35 0.00	26.67 0.37 0.00	26.16 0.31 0.00	29.33 0.63 0.00	32.52 1.01 0.00	40.07 2.02 0.00	50.33 2.85 0.00	62.09 3.90 0.00	54.44 3.47 0.00	43.90 2.83 0.00	40.11 2.45 0.00	37.35 2.15 0.00
G.F.CEMENT___DRP 24184	39.96 0.94 0.00	37.39 0.84 0.00	35.32 0.79 0.00	34.94 0.89 0.00	36.01 1.05 0.00	40.84 1.38 0.00	57.76 2.38 0.00	72.00 3.17 0.00	53.24 1.90 0.00	37.77 0.78 0.00	33.34 0.49 0.00	29.32 0.26 0.00	27.39 0.19 0.00	26.35 0.05 0.00	25.90 0.05 0.00	28.96 0.26 0.00	31.98 0.47 0.00	39.16 1.10 0.00	48.96 1.47 0.00	60.17 1.98 0.00	52.80 1.83 0.00	42.63 1.56 0.00	38.98 1.32 0.00	36.40 1.20 0.00
GARDENVILLE___LBMP 24039	37.93 -1.09 0.00	35.57 -0.99 0.00	33.25 -1.28 0.00	32.66 -1.40 0.00	33.53 -1.43 0.00	37.76 -1.70 0.00	52.88 -2.49 0.00	64.43 -4.41 0.00	47.69 -3.64 0.00	34.96 -2.03 0.00	30.94 -1.91 0.00	27.28 -1.77 0.00	25.54 -1.66 0.00	24.85 -1.45 0.00	24.35 -1.50 0.00	26.89 -1.81 0.00	29.52 -1.98 0.00	35.39 -2.66 0.00	44.45 -3.04 0.00	54.93 -3.26 0.00	47.50 -3.47 0.00	37.41 -3.65 0.00	34.95 -2.71 0.00	32.77 -2.43 0.00
GARDNVLA_35_KV_LD 355827	38.20 -0.82 0.00	35.79 -0.77 0.00	33.45 -1.07 0.00	32.87 -1.19 0.00	33.78 -1.19 0.00	38.04 -1.42 0.00	53.27 -2.10 0.00	64.84 -3.99 0.00	48.10 -3.23 0.00	35.25 -1.74 0.00	31.17 -1.68 0.00	27.49 -1.57 0.00	25.71 -1.50 0.00	25.01 -1.29 0.00	24.53 -1.32 0.00	27.09 -1.61 0.00	29.74 -1.76 0.00	35.62 -2.44 0.00	44.73 -2.75 0.00	55.28 -2.91 0.00	47.81 -3.16 0.00	37.62 -3.45 0.00	35.18 -2.49 0.00	32.99 -2.22 0.00
GELCKHM___115KV_LOAD 80723	38.43 -0.59 0.00	35.97 -0.58 0.00	33.94 -0.59 0.00	33.41 -0.65 0.00	34.27 -0.70 0.00	38.55 -0.91 0.00	54.27 -1.11 0.00	67.39 -1.45 0.00	50.10 -1.23 0.00	36.18 -0.81 0.00	32.13 -0.72 0.00	28.39 -0.67 0.00	26.60 -0.60 0.00	25.72 -0.58 0.00	25.25 -0.59 0.00	28.04 -0.66 0.00	30.78 -0.72 0.00	37.06 -0.99 0.00	46.34 -1.14 0.00	56.91 -1.28 0.00	49.75 -1.22 0.00	39.96 -1.11 0.00	36.68 -0.98 0.00	34.32 -0.88 0.00
GENERAL___MILLS 23808	38.08 -0.94 0.00	35.68 -0.88 0.00	33.35 -1.17 0.00	32.76 -1.29 0.00	33.67 -1.29 0.00	37.92 -1.54 0.00	53.11 -2.27 0.00	64.64 -4.20 0.00	47.90 -3.44 0.00	35.11 -1.89 0.00	31.04 -1.81 0.00	27.37 -1.69 0.00	25.62 -1.58 0.00	24.93 -1.37 0.00	24.43 -1.42 0.00	26.98 -1.72 0.00	29.62 -1.89 0.00	35.50 -2.55 0.00	44.59 -2.90 0.00	55.11 -3.08 0.00	47.66 -3.31 0.00	37.53 -3.53 0.00	35.07 -2.60 0.00	32.88 -2.32 0.00
GE_PLASTICS___DRP 24183	39.41 0.39 0.00	36.92 0.37 0.00	34.90 0.38 0.00	34.50 0.44 0.00	35.42 0.45 0.00	40.09 0.63 0.00	56.26 0.89 0.00	70.00 1.17 0.00	52.21 0.87 0.00	37.59 0.59 0.00	33.44 0.59 0.00	29.58 0.52 0.00	27.66 0.46 0.00	26.75 0.45 0.00	26.29 0.44 0.00	29.21 0.52 0.00	32.11 0.60 0.00	38.82 0.76 0.00	48.34 0.85 0.00	59.06 0.87 0.00	51.89 0.92 0.00	41.93 0.86 0.00	38.42 0.75 0.00	35.98 0.77 0.00
GILBOA___1 23756	39.53 0.51 0.00	36.99 0.44 0.00	34.90 0.38 0.00	34.47 0.41 0.00	35.42 0.45 0.00	40.09 0.63 0.00	56.32 0.94 0.00	70.00 1.17 0.00	52.31 0.97 0.00	37.69 0.70 0.00	33.47 0.62 0.00	29.61 0.55 0.00	27.72 0.52 0.00	26.80 0.50 0.00	26.37 0.52 0.00	29.27 0.57 0.00	32.17 0.66 0.00	38.89 0.84 0.00	48.43 0.95 0.00	59.18 0.99 0.00	51.99 1.02 0.00	41.97 0.90 0.00	38.46 0.79 0.00	35.94 0.74 0.00
GILBOA___2 23757	39.53 0.51 0.00	36.99 0.44 0.00	34.90 0.38 0.00	34.47 0.41 0.00	35.42 0.45 0.00	40.09 0.63 0.00	56.32 0.94 0.00	70.00 1.17 0.00	52.31 0.97 0.00	37.69 0.70 0.00	33.47 0.62 0.00	29.61 0.55 0.00	27.72 0.52 0.00	26.80 0.50 0.00	26.37 0.52 0.00	29.27 0.57 0.00	32.17 0.66 0.00	38.89 0.84 0.00	48.43 0.95 0.00	59.18 0.99 0.00	51.99 1.02 0.00	41.97 0.90 0.00	38.46 0.79 0.00	35.94 0.74 0.00

GILBOA___3 23758	39.53 0.51 0.00	36.99 0.44 0.00	34.90 0.38 0.00	34.47 0.41 0.00	35.42 0.45 0.00	40.09 0.63 0.00	56.32 0.94 0.00	70.00 1.17 0.00	52.31 0.97 0.00	37.69 0.70 0.00	33.47 0.62 0.00	29.61 0.55 0.00	27.72 0.52 0.00	26.80 0.50 0.00	26.37 0.52 0.00	29.27 0.57 0.00	32.17 0.66 0.00	38.89 0.84 0.00	48.43 0.95 0.00	59.18 0.99 0.00	51.99 1.02 0.00	41.97 0.90 0.00	38.46 0.79 0.00	35.94 0.74 0.00
GILBOA___4 23759	39.53 0.51 0.00	36.99 0.44 0.00	34.90 0.38 0.00	34.47 0.41 0.00	35.42 0.45 0.00	40.09 0.63 0.00	56.32 0.94 0.00	70.00 1.17 0.00	52.31 0.97 0.00	37.69 0.70 0.00	33.47 0.62 0.00	29.61 0.55 0.00	27.72 0.52 0.00	26.80 0.50 0.00	26.37 0.52 0.00	29.27 0.57 0.00	32.17 0.66 0.00	38.89 0.84 0.00	48.43 0.95 0.00	59.18 0.99 0.00	51.99 1.02 0.00	41.97 0.90 0.00	38.46 0.79 0.00	35.94 0.74 0.00
GILBOA___ 23599	39.53 0.51 0.00	36.99 0.44 0.00	34.90 0.38 0.00	34.47 0.41 0.00	35.42 0.45 0.00	40.09 0.63 0.00	56.32 0.94 0.00	70.00 1.17 0.00	52.31 0.98 0.00	37.70 0.70 0.00	33.47 0.62 0.00	29.61 0.55 0.00	27.75 0.54 0.00	26.80 0.50 0.00	26.37 0.52 0.00	29.27 0.57 0.00	32.14 0.63 0.00	38.89 0.84 0.00	48.43 0.95 0.00	59.18 0.99 0.00	51.99 1.02 0.00	41.97 0.90 0.00	38.45 0.79 0.00	35.94 0.74 0.00
GINNA___ 23603	36.33 -2.69 0.00	34.03 -2.52 0.00	32.00 -2.52 0.00	31.50 -2.55 0.00	32.27 -2.69 0.00	36.38 -3.08 0.00	51.11 -4.26 0.00	63.26 -5.57 0.00	47.13 -4.21 0.00	33.96 -3.03 0.00	30.06 -2.79 0.00	26.47 -2.59 0.00	24.92 -2.28 0.00	24.06 -2.24 0.00	23.57 -2.27 0.00	26.17 -2.53 0.00	28.70 -2.80 0.00	34.63 -3.42 0.00	43.50 -3.99 0.00	53.59 -4.60 0.00	46.64 -4.33 0.00	37.16 -3.90 0.00	34.42 -3.24 0.00	32.07 -3.13 0.00
GLEN PARK___ 23778	39.72 0.70 0.00	37.28 0.73 0.00	35.21 0.69 0.00	34.74 0.68 0.00	35.52 0.56 0.00	40.09 0.63 0.00	56.76 1.38 0.00	70.90 2.06 0.00	52.00 0.67 0.00	36.62 -0.37 0.00	32.22 -0.63 0.00	28.24 -0.81 0.00	26.44 -0.76 0.00	25.56 -0.74 0.00	25.10 -0.75 0.00	28.04 -0.66 0.00	30.78 -0.72 0.00	37.83 -0.23 0.00	47.68 0.19 0.00	59.47 1.28 0.00	52.04 1.07 0.00	41.81 0.74 0.00	37.93 0.27 0.00	35.13 -0.07 0.00
GLENDALE_27_KV_LOAD 356172	40.74 1.72 -0.01	38.10 1.54 -0.01	35.83 1.31 0.00	35.46 1.40 0.00	36.51 1.54 -0.01	41.66 1.93 -0.27	58.20 2.82 0.00	73.10 4.27 0.00	54.83 3.39 -0.10	51.12 2.52 -11.62	49.64 2.33 -14.45	50.35 2.12 -19.18	50.40 2.04 -21.16	49.58 1.92 -21.37	49.58 1.94 -21.79	49.65 2.15 -18.80	49.57 2.27 -15.79	51.17 2.74 -10.37	55.78 3.18 -5.11	61.74 3.55 0.00	58.03 3.26 -3.80	45.32 2.75 -1.50	42.03 2.45 -1.92	37.73 2.04 -0.48
GLENWOOD_IC_1_G5 23712	40.54 1.52 0.00	37.83 1.28 0.00	35.63 1.10 0.00	35.22 1.16 0.00	36.22 1.26 0.00	41.39 1.93 0.00	57.70 2.33 0.00	72.55 3.72 0.00	54.26 2.93 0.00	39.51 2.52 0.00	35.18 2.33 0.00	31.12 2.06 0.00	29.08 1.88 0.00	28.09 1.79 0.00	27.66 1.81 0.00	30.76 2.07 0.00	33.74 2.24 0.00	40.72 2.66 0.00	50.52 3.04 0.00	61.57 3.38 0.00	54.08 3.11 0.00	43.94 2.87 0.00	40.15 2.49 0.00	37.21 2.01 0.00
GLENWOOD_IC_2_G1 23688	40.46 1.44 0.00	37.76 1.20 0.00	35.56 1.03 0.00	35.12 1.06 0.00	36.15 1.19 0.00	41.32 1.86 0.00	57.65 2.27 0.00	72.41 3.58 0.00	54.11 2.77 0.00	39.43 2.44 0.00	35.08 2.23 0.00	31.03 1.98 0.00	29.00 1.79 0.00	28.03 1.74 0.00	27.61 1.76 0.00	30.68 1.98 0.00	33.78 2.27 0.00	40.53 2.47 0.00	50.38 2.90 0.00	61.45 3.26 0.00	53.98 3.01 0.00	43.90 2.83 0.00	39.96 2.30 0.00	37.14 1.93 0.00
GLENWOOD_IC_3_G1 23689	40.46 1.44 0.00	37.76 1.20 0.00	35.56 1.03 0.00	35.12 1.06 0.00	36.15 1.19 0.00	41.32 1.86 0.00	57.65 2.27 0.00	72.41 3.58 0.00	54.11 2.77 0.00	39.43 2.44 0.00	35.08 2.23 0.00	31.03 1.98 0.00	29.00 1.79 0.00	28.03 1.74 0.00	27.61 1.76 0.00	30.68 1.98 0.00	33.78 2.27 0.00	40.53 2.47 0.00	50.38 2.90 0.00	61.45 3.26 0.00	53.98 3.01 0.00	43.90 2.83 0.00	39.96 2.30 0.00	37.14 1.93 0.00
GLENWOOD___4 23550	40.54 1.52 0.00	37.83 1.28 0.00	35.63 1.10 0.00	35.22 1.16 0.00	36.22 1.26 0.00	41.39 1.93 0.00	57.70 2.33 0.00	72.55 3.72 0.00	54.26 2.93 0.00	39.51 2.52 0.00	35.18 2.33 0.00	31.12 2.06 0.00	29.08 1.88 0.00	28.09 1.79 0.00	27.66 1.81 0.00	30.76 2.07 0.00	33.74 2.24 0.00	40.72 2.66 0.00	50.52 3.04 0.00	61.57 3.38 0.00	54.08 3.11 0.00	43.94 2.87 0.00	40.15 2.49 0.00	37.21 2.01 0.00
GLENWOOD___5 23614	40.54 1.52 0.00	37.83 1.28 0.00	35.63 1.10 0.00	35.22 1.16 0.00	36.22 1.26 0.00	41.39 1.93 0.00	57.70 2.33 0.00	72.55 3.72 0.00	54.26 2.93 0.00	39.51 2.52 0.00	35.18 2.33 0.00	31.12 2.06 0.00	29.08 1.88 0.00	28.09 1.79 0.00	27.66 1.81 0.00	30.76 2.07 0.00	33.74 2.24 0.00	40.72 2.66 0.00	50.52 3.04 0.00	61.57 3.38 0.00	54.08 3.11 0.00	43.94 2.87 0.00	40.15 2.49 0.00	37.21 2.01 0.00
GLOBAL GREEN_PORT_GT1 23814	39.64 0.62 0.00	36.70 0.15 0.00	34.77 0.24 0.00	34.26 0.21 0.00	35.39 0.42 0.00	40.88 1.42 0.00	56.31 0.94 0.01	71.24 2.41 0.00	52.93 1.59 0.00	40.03 3.03 0.00	35.74 2.89 0.00	31.61 2.56 0.00	29.54 2.34 0.00	28.61 2.31 0.00	28.18 2.33 0.00	31.45 2.76 0.00	34.66 3.15 0.00	40.15 2.09 0.00	50.33 2.85 0.00	61.33 3.14 0.00	53.92 2.96 0.00	44.31 3.24 0.00	39.81 2.15 0.00	37.21 2.01 0.00
GLOBE___DSASP 323697	36.68 -2.34 0.00	34.40 -2.16 0.00	32.14 -2.38 0.00	31.54 -2.52 0.00	32.41 -2.55 0.00	36.50 -2.96 0.00	50.78 -4.60 0.00	61.88 -6.95 0.00	45.84 -5.49 0.00	33.77 -3.22 0.00	29.93 -2.92 0.00	26.41 -2.64 0.00	24.73 -2.48 0.00	24.06 -2.24 0.00	23.57 -2.27 0.00	26.03 -2.67 0.00	28.61 -2.90 0.00	34.13 -3.92 0.00	42.78 -4.70 0.00	52.84 -5.35 0.00	45.77 -5.20 0.00	36.14 -4.93 0.00	33.90 -3.77 0.00	31.79 -3.41 0.00
GOETHSLN___LBMP 323567	40.11 1.09 0.00	37.50 0.95 0.00	35.32 0.79 0.00	34.94 0.89 0.00	35.94 0.98 0.00	40.80 1.34 0.00	57.42 2.05 0.00	72.07 3.24 0.00	53.90 2.57 0.00	38.95 1.96 0.00	34.72 1.87 0.00	30.77 1.71 0.00	28.89 1.69 0.00	27.90 1.60 0.00	27.48 1.63 0.00	30.45 1.75 0.00	33.30 1.80 0.00	40.22 2.17 0.00	49.91 2.42 0.00	60.87 2.68 0.00	53.47 2.50 0.00	43.16 2.09 0.00	39.51 1.85 0.00	36.72 1.51 0.00
GOLAH___69_KV_TB 1_2 80279	37.97 -1.05 0.00	35.53 -1.02 0.00	33.31 -1.21 0.00	32.76 -1.29 0.00	33.64 -1.33 0.00	37.96 -1.50 0.00	53.22 -2.16 0.00	65.53 -3.30 0.00	48.46 -2.87 0.00	35.18 -1.81 0.00	31.14 -1.71 0.00	27.40 -1.66 0.00	25.68 -1.52 0.00	24.93 -1.37 0.00	24.43 -1.42 0.00	27.06 -1.64 0.00	29.77 -1.73 0.00	35.77 -2.28 0.00	45.02 -2.47 0.00	55.63 -2.56 0.00	48.37 -2.60 0.00	38.48 -2.59 0.00	35.71 -1.96 0.00	33.34 -1.87 0.00

GOODYEAR_LAKE_HYD 323669	40.31 1.29 0.00	37.76 1.21 0.00	35.59 1.07 0.00	35.15 1.09 0.00	36.12 1.15 0.00	40.92 1.46 0.00	57.81 2.44 0.00	72.00 3.17 0.00	53.24 1.90 0.00	37.92 0.92 0.00	33.54 0.69 0.00	29.55 0.49 0.00	27.72 0.52 0.00	26.80 0.50 0.00	26.31 0.47 0.00	29.30 0.60 0.00	32.20 0.69 0.00	39.23 1.18 0.00	49.05 1.57 0.00	60.34 2.15 0.00	52.86 1.89 0.00	42.59 1.52 0.00	38.94 1.28 0.00	36.29 1.09 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.98 -0.04 0.00	36.52 -0.04 0.00	34.38 -0.14 0.00	33.89 -0.17 0.00	34.79 -0.17 0.00	39.22 -0.24 0.00	55.32 -0.06 0.00	68.56 -0.28 0.00	50.82 -0.51 0.00	36.66 -0.33 0.00	32.45 -0.39 0.00	28.68 -0.38 0.00	26.85 -0.35 0.00	25.98 -0.32 0.00	25.51 -0.34 0.00	28.30 -0.40 0.00	31.04 -0.47 0.00	37.52 -0.53 0.00	46.96 -0.52 0.00	57.78 -0.41 0.00	50.46 -0.51 0.00	40.41 -0.66 0.00	37.14 -0.53 0.00	34.78 -0.42 0.00
GOUDEY___7 23579	38.98 -0.04 0.00	36.52 -0.04 0.00	34.38 -0.14 0.00	33.89 -0.17 0.00	34.79 -0.17 0.00	39.22 -0.24 0.00	55.32 -0.06 0.00	68.56 -0.28 0.00	50.82 -0.51 0.00	36.66 -0.33 0.00	32.45 -0.39 0.00	28.68 -0.38 0.00	26.85 -0.35 0.00	25.98 -0.32 0.00	25.51 -0.34 0.00	28.30 -0.40 0.00	31.04 -0.47 0.00	37.52 -0.53 0.00	46.96 -0.52 0.00	57.78 -0.41 0.00	50.46 -0.51 0.00	40.41 -0.66 0.00	37.14 -0.53 0.00	34.78 -0.42 0.00
GOUDEY___8 23580	38.98 -0.04 0.00	36.52 -0.04 0.00	34.38 -0.14 0.00	33.89 -0.17 0.00	34.79 -0.17 0.00	39.22 -0.24 0.00	55.32 -0.06 0.00	68.56 -0.28 0.00	50.82 -0.51 0.00	36.66 -0.33 0.00	32.45 -0.39 0.00	28.68 -0.38 0.00	26.85 -0.35 0.00	25.98 -0.32 0.00	25.51 -0.34 0.00	28.30 -0.40 0.00	31.04 -0.47 0.00	37.52 -0.53 0.00	46.96 -0.52 0.00	57.78 -0.41 0.00	50.46 -0.51 0.00	40.41 -0.66 0.00	37.14 -0.53 0.00	34.78 -0.42 0.00
GOWANUS_GT1_1 24077	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
GOWANUS_GT1_2 24078	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
GOWANUS_GT1_3 24079	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
GOWANUS_GT1_4 24080	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
GOWANUS_GT1_5 24084	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
GOWANUS_GT1_6 24111	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
GOWANUS_GT1_7 24112	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
GOWANUS_GT1_8 24113	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
GOWANUS_GT2_1 24114	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
GOWANUS_GT2_2 24115	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
GOWANUS_GT2_3 24116	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98

GOWANUS_GT2_4 24117	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
GOWANUS_GT2_5 24118	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
GOWANUS_GT2_6 24119	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
GOWANUS_GT2_7 24120	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
GOWANUS_GT2_8 24121	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
GOWANUS_GT3_1 24122	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
GOWANUS_GT3_2 24123	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40		

GOWANUS_GT4_3 24132	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
GOWANUS_GT4_4 24133	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
GOWANUS_GT4_5 24134	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
GOWANUS_GT4_6 24135	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
GOWANUS_GT4_7 24136	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
GOWANUS_GT4_8 24137	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
GREENBSH_115KV_TB3 55895	39.29 0.27 0.00	36.81 0.26 0.00	34.83 0.31 0.00	34.43 0.37 0.00	35.35 0.38 0.00	40.01 0.55 0.00	56.15 0.78 0.00	69.87 1.03 0.00	52.11 0.77 0.00	37.51 0.52 0.00	33.44 0.59 0.00	29.58 0.52 0.00	27.66 0.46 0.00	26.72 0.42 0.00	26.26 0.41 0.00	29.19 0.49 0.00	32.11 0.60 0.00	38.78 0.72 0.00	48.24 0.76 0.00	58.95 0.76 0.00	51.79 0.82 0.00	41.85 0.78 0.00	38.38 0.72 0.00	35.98 0.77 0.00
GREENDGE_115KV_TB5 80291	38.86 -0.16 0.00	36.41 -0.15 0.00	34.25 -0.28 0.00	33.72 -0.34 0.00	34.62 -0.35 0.00	39.07 -0.39 0.00	54.82 -0.55 0.00	67.73 -1.10 0.00	50.36 -0.98 0.00	36.22 -0.78 0.00	31.96 -0.89 0.00	28.16 -0.90 0.00	26.36 -0.84 0.00	25.56 -0.74 0.00	25.07 -0.78 0.00	27.81 -0.89 0.00	30.56 -0.95 0.00	37.03 -1.03 0.00	46.72 -0.76 0.00	57.20 -0.99 0.00	50.15 -0.82 0.00	39.96 -1.11 0.00	36.72 -0.94 0.00	34.32 -0.88 0.00
GREENIDGE___3 23582	38.86 -0.16 0.00	36.41 -0.15 0.00	34.25 -0.28 0.00	33.72 -0.34 0.00	34.62 -0.35 0.00	39.07 -0.39 0.00	54.82 -0.55 0.00	67.73 -1.10 0.00	50.36 -0.98 0.00	36.22 -0.78 0.00	31.96 -0.89 0.00	28.16 -0.90 0.00	26.36 -0.84 0.00	25.56 -0.74 0.00	25.07 -0.78 0.00	27.81 -0.89 0.00	30.56 -0.95 0.00	37.03 -1.03 0.00	46.72 -0.76 0.00	57.20 -0.99 0.00	50.15 -0.82 0.00	39.96 -1.11 0.00	36.72 -0.94 0.00	34.32 -0.88 0.00
GREENIDGE___4 23583	38.86 -0.16 0.00	36.41 -0.15 0.00	34.28 -0.24 0.00	33.75 -0.31 0.00	34.62 -0.35 0.00	39.07 -0.39 0.00	54.82 -0.55 0.00	67.80 -1.03 0.00	50.46 -0.87 0.00	36.21 -0.78 0.00	31.96 -0.89 0.00	28.16 -0.90 0.00	26.41 -0.79 0.00	25.56 -0.74 0.00	25.07 -0.77 0.00	27.84 -0.86 0.00	30.53 -0.98 0.00	37.03 -1.03 0.00	46.72 -0.76 0.00	57.20 -0.99 0.00	50.15 -0.82 0.00	39.92 -1.15 0.00	36.76 -0.90 0.00	34.32 -0.88 0.00
GREENLWN_69_KV_BK 3 55738	40.31 1.29 0.00	37.58 1.02 0.00	35.42 0.90 0.00	34.98 0.92 0.00	35.98 1.01 0.00	41.20 1.74 0.00	56.97 1.61 0.01	71.59 2.75 0.00	53.90 2.57 0.00	39.40 2.40 0.00	35.08 2.23 0.00	31.03 1.98 0.00	29.00 1.80 0.00	28.01 1.71 0.00	27.58 1.73 0.00	30.71 2.01 0.00	33.68 2.17 0.00	40.64 2.59 0.00	50.05 2.56 0.00	60.93 2.74 0.00	53.52 2.55 0.00	43.82 2.75 0.00	40.04 2.37 0.00	37.07 1.87 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98
GRISSOM___SOLAR 323813	41.09 2.07 0.00	38.49 1.94 0.00	36.25 1.73 0.00	35.90 1.84 0.00	36.99 2.03 0.00	42.18 2.72 0.00	59.64 4.26 0.00	73.72 4.89 0.00	54.00 2.67 0.00	37.95 0.96 0.00	33.47 0.62 0.00	29.43 0.38 0.00	27.61 0.41 0.00	26.72 0.42 0.00	26.21 0.36 0.00	29.36 0.66 0.00	32.52 1.01 0.00	39.96 1.90 0.00	50.14 2.66 0.00	61.74 3.55 0.00	54.18 3.21 0.00	43.70 2.63 0.00	39.92 2.26 0.00	37.21 2.01 0.00
GROVEVILLE___HYD 323602	40.35 1.33 0.00	37.72 1.17 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.19 1.22 0.00	41.04 1.58 0.00	57.92 2.55 0.00	72.41 3.58 0.00	53.95 2.62 0.00	38.73 1.74 0.00	34.26 1.41 0.00	30.31 1.25 0.00	28.40 1.20 0.00	27.46 1.16 0.00	27.04 1.19 0.00	30.05 1.35 0.00	32.99 1.48 0.00	39.96 1.90 0.00	49.86 2.37 0.00	61.10 2.91 0.00	53.57 2.60 0.00	43.20 2.14 0.00	39.51 1.85 0.00	36.86 1.65 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.71 -0.31 0.00	36.26 -0.29 0.00	34.18 -0.35 0.00	33.65 -0.41 0.00	34.51 -0.45 0.00	38.83 -0.63 0.00	54.71 -0.66 0.00	68.01 -0.83 0.00	50.52 -0.82 0.00	36.44 -0.55 0.00	32.32 -0.53 0.00	28.56 -0.49 0.00	26.74 -0.46 0.00	25.88 -0.42 0.00	25.41 -0.44 0.00	28.18 -0.52 0.00	30.94 -0.57 0.00	37.29 -0.76 0.00	46.68 -0.81 0.00	57.32 -0.87 0.00	50.10 -0.87 0.00	40.24 -0.82 0.00	36.91 -0.75 0.00	34.57 -0.63 0.00

HAMLTNNY_34_KV_TB 80303	38.71 -0.31 0.00	36.26 -0.29 0.00	34.21 -0.31 0.00	33.68 -0.37 0.00	34.55 -0.42 0.00	38.91 -0.55 0.00	54.82 -0.55 0.00	68.08 -0.76 0.00	50.57 -0.77 0.00	36.48 -0.52 0.00	32.32 -0.53 0.00	28.56 -0.49 0.00	26.74 -0.46 0.00	25.88 -0.42 0.00	25.38 -0.47 0.00	28.18 -0.52 0.00	30.94 -0.57 0.00	37.33 -0.72 0.00	46.72 -0.76 0.00	57.44 -0.76 0.00	50.15 -0.82 0.00	40.24 -0.82 0.00	36.95 -0.72 0.00	34.57 -0.63 0.00
HAMPSHIRE___PAPER_HYD 323593	38.98 -0.04 0.00	36.63 0.07 0.00	34.63 0.10 0.00	34.23 0.17 0.00	35.04 0.07 0.00	39.58 0.12 0.00	55.60 0.22 0.00	69.32 0.49 0.00	51.39 0.05 0.00	36.59 -0.41 0.00	32.29 -0.56 0.00	28.42 -0.64 0.00	26.58 -0.62 0.00	25.69 -0.60 0.00	25.23 -0.62 0.00	28.09 -0.60 0.00	30.84 -0.66 0.00	37.64 -0.42 0.00	47.20 -0.28 0.00	58.31 0.12 0.00	51.07 0.10 0.00	41.07 0.00 0.00	37.36 -0.30 0.00	34.71 -0.49 0.00
HARDSCRABBLE_WT_PWR 323673	38.44 -0.58 0.00	36.08 -0.48 0.00	34.11 -0.41 0.00	33.72 -0.34 0.00	34.65 -0.32 0.00	39.19 -0.27 0.00	55.10 -0.28 0.00	68.77 -0.07 0.00	51.29 -0.05 0.00	36.85 -0.15 0.00	32.72 -0.13 0.00	28.91 -0.14 0.00	27.07 -0.14 0.00	26.17 -0.13 0.00	25.69 -0.15 0.00	28.55 -0.14 0.00	31.35 -0.16 0.00	38.02 -0.04 0.00	47.39 -0.09 0.00	58.08 -0.12 0.00	50.82 -0.15 0.00	40.94 -0.12 0.00	37.40 -0.26 0.00	34.85 -0.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.92 0.90 0.00	37.32 0.77 0.00	35.18 0.66 0.00	34.81 0.75 0.00	35.80 0.84 0.00	40.57 1.10 0.00	57.20 1.83 0.00	71.66 2.82 0.00	53.44 2.10 0.00	38.44 1.44 0.00	34.06 1.22 0.00	30.16 1.10 0.00	28.26 1.06 0.00	27.32 1.03 0.00	26.91 1.06 0.00	29.87 1.18 0.00	32.77 1.26 0.00	39.61 1.56 0.00	49.38 1.90 0.00	60.46 2.27 0.00	53.01 2.04 0.00	42.79 1.72 0.00	39.13 1.47 0.00	36.44 1.23 0.00
HARSNRAD_115KV_TB1 81005	37.07 -1.95 0.00	34.73 -1.83 0.00	32.49 -2.04 0.00	31.91 -2.15 0.00	32.76 -2.20 0.00	36.94 -2.53 0.00	51.50 -3.88 0.00	62.78 -6.06 0.00	46.46 -4.88 0.00	34.11 -2.89 0.00	30.19 -2.66 0.00	26.59 -2.47 0.00	24.89 -2.31 0.00	24.22 -2.08 0.00	23.75 -2.09 0.00	26.23 -2.47 0.00	28.83 -2.68 0.00	34.52 -3.54 0.00	43.35 -4.13 0.00	53.59 -4.60 0.00	46.38 -4.59 0.00	36.59 -4.48 0.00	34.27 -3.39 0.00	32.11 -3.10 0.00
HARZA MOOSE___RIVER 24016	39.68 0.66 0.00	37.21 0.66 0.00	35.14 0.62 0.00	34.71 0.65 0.00	35.56 0.59 0.00	40.13 0.67 0.00	56.59 1.22 0.00	70.69 1.86 0.00	52.31 0.98 0.00	37.18 0.18 0.00	32.85 0.00 0.00	28.88 -0.17 0.00	27.04 -0.16 0.00	26.14 -0.16 0.00	25.67 -0.18 0.00	28.58 -0.11 0.00	31.38 -0.13 0.00	38.32 0.27 0.00	48.05 0.57 0.00	59.41 1.22 0.00	51.99 1.02 0.00	41.85 0.78 0.00	38.00 0.34 0.00	35.31 0.11 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.43 -0.59 0.00	36.01 -0.55 0.00	33.94 -0.59 0.00	33.41 -0.65 0.00	34.27 -0.70 0.00	38.55 -0.91 0.00	54.32 -1.05 0.00	67.46 -1.38 0.00	50.10 -1.23 0.00	36.18 -0.81 0.00	32.13 -0.72 0.00	28.42 -0.64 0.00	26.60 -0.60 0.00	25.75 -0.55 0.00	25.28 -0.57 0.00	28.04 -0.66 0.00	30.78 -0.72 0.00	37.06 -0.99 0.00	46.34 -1.14 0.00	56.97 -1.22 0.00	49.75 -1.22 0.00	39.92 -1.15 0.00	36.68 -0.98 0.00	34.32 -0.88 0.00
HELLGATE_13_KV_LD 55870	40.63 1.60 -0.01	37.95 1.39 -0.01	35.73 1.21 0.00	35.32 1.26 0.00	36.37 1.40 -0.01	41.54 1.82 -0.27	57.98 2.60 0.00	72.76 3.92 0.00	54.57 3.13 -0.10	50.97 2.37 -11.61	49.49 2.20 -14.44	50.22 2.00 -19.16	50.25 1.90 -21.14	49.46 1.81 -21.35	49.46 1.84 -21.78	49.49 2.01 -18.78	49.43 2.14 -15.78	51.01 2.59 -10.37	55.54 2.94 -5.11	61.39 3.20 0.00	57.77 3.01 -3.79	45.16 2.59 -1.50	41.84 2.26 -1.92	37.59 1.90 -0.48
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.63 1.60 -0.01	37.95 1.39 -0.01	35.73 1.21 0.00	35.32 1.26 0.00	36.37 1.40 -0.01	41.54 1.82 -0.27	57.98 2.60 0.00	72.76 3.92 0.00	54.57 3.13 -0.10	50.97 2.37 -11.61	49.49 2.20 -14.44	50.22 2.00 -19.16	50.25 1.90 -21.14	49.46 1.81 -21.35	49.46 1.84 -21.78	49.49 2.01 -18.78	49.43 2.14 -15.78	51.01 2.59 -10.37	55.54 2.94 -5.11	61.39 3.20 0.00	57.77 3.01 -3.79	45.16 2.59 -1.50	41.84 2.26 -1.92	37.59 1.90 -0.48
HEMPSTEAD____ 23647	40.27 1.25 0.00	37.61 1.06 0.00	35.42 0.90 0.00	34.94 0.88 0.00	35.98 1.01 0.00	41.12 1.66 0.00	57.31 1.94 0.00	72.07 3.24 0.00	53.85 2.51 0.00	39.29 2.29 0.00	34.98 2.13 0.00	30.94 1.89 0.00	28.89 1.69 0.00	27.93 1.63 0.00	27.50 1.66 0.00	30.59 1.89 0.00	33.68 2.17 0.00	40.38 2.32 0.00	50.19 2.71 0.00	61.16 2.97 0.00	53.77 2.80 0.00	43.78 2.71 0.00	39.85 2.18 0.00	37.03 1.83 0.00
HEWLETT_69_KV_BK3 55828	40.70 1.68 0.00	37.98 1.43 0.00	35.77 1.24 0.00	35.35 1.29 0.00	36.36 1.40 0.00	41.51 2.05 0.00	57.87 2.49 0.00	72.76 3.92 0.00	54.42 3.08 0.00	39.58 2.59 0.00	35.21 2.37 0.00	31.15 2.09 0.00	29.13 1.93 0.00	28.11 1.81 0.00	27.68 1.84 0.00	30.79 2.09 0.00	33.78 2.27 0.00	40.79 2.74 0.00	50.57 3.09 0.00	61.74 3.55 0.00	54.23 3.26 0.00	44.06 3.00 0.00	40.26 2.60 0.00	37.35 2.15 0.00
HICKLING___1 23621	38.86 -0.16 0.00	36.41 -0.15 0.00	34.21 -0.31 0.00	33.68 -0.37 0.00	34.58 -0.38 0.00	39.03 -0.43 0.00	55.10 -0.28 0.00	67.87 -0.96 0.00	50.16 -1.18 0.00	36.14 -0.85 0.00	31.90 -0.95 0.00	28.13 -0.93 0.00	26.36 -0.84 0.00	25.54 -0.76 0.00	25.05 -0.80 0.00	27.75 -0.95 0.00	30.44 -1.07 0.00	36.84 -1.22 0.00	46.39 -1.09 0.00	57.20 -0.99 0.00	49.80 -1.17 0.00	39.59 -1.48 0.00	36.46 -1.21 0.00	34.22 -0.99 0.00
HICKLING___2 23622	38.86 -0.16 0.00	36.41 -0.15 0.00	34.21 -0.31 0.00	33.68 -0.37 0.00	34.58 -0.38 0.00	39.03 -0.43 0.00	55.10 -0.28 0.00	67.87 -0.96 0.00	50.16 -1.18 0.00	36.14 -0.85 0.00	31.90 -0.95 0.00	28.13 -0.93 0.00	26.36 -0.84 0.00	25.54 -0.76 0.00	25.05 -0.80 0.00	27.75 -0.95 0.00	30.44 -1.07 0.00	36.84 -1.22 0.00	46.39 -1.09 0.00	57.20 -0.99 0.00	49.80 -1.17 0.00	39.59 -1.48 0.00	36.46 -1.21 0.00	34.22 -0.99 0.00
HIGH FALLS___HY 23754	40.15 1.13 0.00	37.50 0.95 0.00	35.35 0.83 0.00	34.98 0.92 0.00	35.98 1.01 0.00	40.76 1.30 0.00	57.59 2.22 0.00	72.07 3.24 0.00	53.70 2.36 0.00	38.51 1.52 0.00	34.10 1.25 0.00	30.16 1.10 0.00	28.29 1.09 0.00	27.35 1.05 0.00	26.93 1.09 0.00	29.90 1.21 0.00	32.80 1.29 0.00	39.73 1.67 0.00	49.57 2.09 0.00	60.81 2.62 0.00	53.31 2.34 0.00	42.96 1.89 0.00	39.25 1.58 0.00	36.58 1.37 0.00
HIGH_RIVER___SOLAR 323847	40.27 1.25 0.00	37.69 1.13 0.00	35.56 1.03 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.87 2.41 0.00	59.09 3.71 0.00	72.69 3.85 0.00	53.13 1.80 0.00	37.18 0.19 0.00	32.62 -0.23 0.00	28.68 -0.38 0.00	27.04 -0.16 0.00	26.25 -0.05 0.00	25.80 -0.05 0.00	28.95 0.26 0.00	32.14 0.63 0.00	39.65 1.60 0.00	49.24 1.76 0.00	60.46 2.27 0.00	53.01 2.04 0.00	42.79 1.72 0.00	39.17 1.51 0.00	36.54 1.34 0.00

HILLBURN___GT 23639	39.84 0.82 0.00	37.25 0.69 0.00	35.14 0.62 0.00	34.70 0.65 0.00	35.73 0.77 0.00	40.53 1.07 0.00	57.15 1.77 0.00	71.66 2.82 0.00	53.44 2.11 0.00	38.51 1.52 0.00	34.20 1.35 0.00	30.31 1.25 0.00	28.37 1.17 0.00	27.43 1.13 0.00	27.04 1.19 0.00	29.99 1.29 0.00	32.86 1.35 0.00	39.69 1.64 0.00	49.39 1.90 0.00	60.40 2.21 0.00	53.01 2.04 0.00	42.79 1.72 0.00	39.13 1.47 0.00	36.40 1.20 0.00
HILLSIDE_115KV_TB1 80332	38.36 -0.66 0.00	35.97 -0.58 0.00	33.80 -0.72 0.00	33.28 -0.78 0.00	34.20 -0.77 0.00	38.55 -0.91 0.00	54.38 -1.00 0.00	67.04 -1.79 0.00	49.59 -1.75 0.00	35.77 -1.22 0.00	31.63 -1.22 0.00	27.95 -1.10 0.00	26.20 -1.01 0.00	25.38 -0.92 0.00	24.89 -0.96 0.00	27.58 -1.12 0.00	30.22 -1.29 0.00	36.46 -1.60 0.00	45.82 -1.66 0.00	56.50 -1.69 0.00	49.19 -1.78 0.00	39.18 -1.89 0.00	36.08 -1.58 0.00	33.90 -1.30 0.00
HISHELDN_WT_PWR 323625	37.58 -1.44 0.00	35.20 -1.35 0.00	33.07 -1.45 0.00	32.49 -1.57 0.00	33.22 -1.75 0.00	37.41 -2.05 0.00	52.38 -2.99 0.00	64.09 -4.75 0.00	47.43 -3.90 0.00	34.26 -2.74 0.00	30.29 -2.56 0.00	26.73 -2.33 0.00	25.19 -2.01 0.00	24.35 -1.95 0.00	23.88 -1.97 0.00	26.49 -2.21 0.00	29.05 -2.46 0.00	35.05 -3.01 0.00	44.30 -3.18 0.00	54.76 -3.43 0.00	47.40 -3.57 0.00	37.41 -3.66 0.00	34.76 -2.90 0.00	32.53 -2.68 0.00
HOLTSVILLE_IC_1 23690	40.07 1.05 0.00	37.28 0.73 0.00	35.21 0.69 0.00	34.70 0.65 0.00	35.77 0.80 0.00	41.16 1.70 0.00	56.92 1.55 0.01	71.72 2.89 0.00	53.49 2.16 0.00	39.58 2.59 0.00	35.25 2.40 0.00	31.15 2.09 0.00	29.05 1.85 0.00	28.11 1.81 0.00	27.68 1.84 0.00	30.82 2.12 0.00	34.03 2.52 0.00	40.26 2.21 0.00	50.19 2.71 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.94 2.87 0.00	39.81 2.15 0.00	37.03 1.83 0.00
HOLTSVILLE_IC_10 23699	40.19 1.17 0.00	37.39 0.84 0.00	35.28 0.76 0.00	34.81 0.75 0.00	35.87 0.91 0.00	41.28 1.82 0.00	57.09 1.72 0.01	71.93 3.10 0.00	53.65 2.31 0.00	39.77 2.78 0.00	35.41 2.56 0.00	31.29 2.24 0.00	29.19 1.98 0.00	28.22 1.92 0.00	27.79 1.94 0.00	30.96 2.27 0.00	34.18 2.68 0.00	40.38 2.32 0.00	50.38 2.90 0.00	61.27 3.08 0.00	53.87 2.90 0.00	44.11 3.04 0.00	39.92 2.26 0.00	37.14 1.93 0.00
HOLTSVILLE_IC_2 23691	40.07 1.05 0.00	37.28 0.73 0.00	35.21 0.69 0.00	34.70 0.65 0.00	35.77 0.80 0.00	41.16 1.70 0.00	56.92 1.55 0.01	71.72 2.89 0.00	53.49 2.16 0.00	39.58 2.59 0.00	35.25 2.40 0.00	31.15 2.09 0.00	29.05 1.85 0.00	28.11 1.81 0.00	27.68 1.84 0.00	30.82 2.12 0.00	34.03 2.52 0.00	40.26 2.21 0.00	50.19 2.71 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.94 2.87 0.00	39.81 2.15 0.00	37.03 1.83 0.00
HOLTSVILLE_IC_3 23692	40.07 1.05 0.00	37.28 0.73 0.00	35.21 0.69 0.00	34.70 0.65 0.00	35.77 0.80 0.00	41.16 1.70 0.00	56.92 1.55 0.01	71.72 2.89 0.00	53.49 2.16 0.00	39.58 2.59 0.00	35.25 2.40 0.00	31.15 2.09 0.00	29.05 1.85 0.00	28.11 1.81 0.00	27.68 1.84 0.00	30.82 2.12 0.00	34.03 2.52 0.00	40.26 2.21 0.00	50.19 2.71 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.94 2.87 0.00	39.81 2.15 0.00	37.03 1.83 0.00
HOLTSVILLE_IC_4 23693	40.07 1.05 0.00	37.28 0.73 0.00	35.21 0.69 0.00	34.70 0.65 0.00	35.77 0.80 0.00	41.16 1.70 0.00	56.92 1.55 0.01	71.72 2.89 0.00	53.49 2.16 0.00	39.58 2.59 0.00	35.25 2.40 0.00	31.15 2.09 0.00	29.05 1.85 0.00	28.11 1.81 0.00	27.68 1.84 0.00	30.82 2.12 0.00	34.03 2.52 0.00	40.26 2.21 0.00	50.19 2.71 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.94 2.87 0.00	39.81 2.15 0.00	37.03 1.83 0.00
HOLTSVILLE_IC_5 23694	40.07 1.05 0.00	37.28 0.73 0.00	35.21 0.69 0.00	34.70 0.65 0.00	35.77 0.80 0.00	41.16 1.70 0.00	56.92 1.55 0.01	71.72 2.89 0.00	53.49 2.16 0.00	39.58 2.59 0.00	35.25 2.40 0.00	31.15 2.09 0.00	29.05 1.85 0.00	28.11 1.81 0.00	27.68 1.84 0.00	30.82 2.12 0.00	34.03 2.52 0.00	40.26 2.21 0.00	50.19 2.71 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.94 2.87 0.00	39.81 2.15 0.00	37.03 1.83 0.00
HOLTSVILLE_IC_6 23695	40.19 1.17 0.00	37.39 0.84 0.00	35.28 0.76 0.00	34.81 0.75 0.00	35.87 0.91 0.00	41.28 1.82 0.00	57.09 1.72 0.01	71.93 3.10 0.00	53.65 2.31 0.00	39.77 2.78 0.00	35.41 2.56 0.00	31.29 2.24 0.00	29.19 1.98 0.00	28.22 1.92 0.00	27.79 1.94 0.00	30.96 2.27 0.00	34.18 2.68 0.00	40.38 2.32 0.00	50.38 2.90 0.00	61.27 3.08 0.00	53.87 2.90 0.00	44.11 3.04 0.00	39.92 2.26 0.00	37.14 1.93 0.00
HOLTSVILLE_IC_7 23696	40.19 1.17 0.00	37.39 0.84 0.00	35.28 0.76 0.00	34.81 0.75 0.00	35.87 0.91 0.00	41.28 1.82 0.00	57.09 1.72 0.01	71.93 3.10 0.00	53.65 2.31 0.00	39.77 2.78 0.00	35.41 2.56 0.00	31.29 2.24 0.00	29.19 1.98 0.00	28.22 1.92 0.00	27.79 1.94 0.00	30.96 2.27 0.00	34.18 2.68 0.00	40.38 2.32 0.00	50.38 2.90 0.00	61.27 3.08 0.00	53.87 2.90 0.00	44.11 3.04 0.00	39.92 2.26 0.00	37.14 1.93 0.00
HOLTSVILLE_IC_8 23697	40.19 1.17 0.00	37.39 0.84 0.00	35.28 0.76 0.00	34.81 0.75 0.00	35.87 0.91 0.00	41.28 1.82 0.00	57.09 1.72 0.01	71.93 3.10 0.00	53.65 2.31 0.00	39.77 2.78 0.00	35.41 2.56 0.00	31.29 2.24 0.00	29.19 1.98 0.00	28.22 1.92 0.00	27.79 1.94 0.00	30.96 2.27 0.00	34.18 2.68 0.00	40.38 2.32 0.00	50.38 2.90 0.00	61.27 3.08 0.00	53.87 2.90 0.00	44.11 3.04 0.00	39.92 2.26 0.00	37.14 1.93 0.00
HOLTSVILLE_IC_9 23698	40.19 1.17 0.00	37.39 0.84 0.00	35.28 0.76 0.00	34.81 0.75 0.00	35.87 0.91 0.00	41.28 1.82 0.00	57.09 1.72 0.01	71.93 3.10 0.00	53.65 2.31 0.00	39.77 2.78 0.00	35.41 2.56 0.00	31.29 2.24 0.00	29.19 1.98 0.00	28.22 1.92 0.00	27.79 1.94 0.00	30.96 2.27 0.00	34.18 2.68 0.00	40.38 2.32 0.00	50.38 2.90 0.00	61.27 3.08 0.00	53.87 2.90 0.00	44.11 3.04 0.00	39.92 2.26 0.00	37.14 1.93 0.00
HOMER_HL_115KV_TB2 355744	38.75 -0.27 0.00	36.33 -0.22 0.00	34.00 -0.52 0.00	33.45 -0.61 0.00	34.37 -0.59 0.00	38.67 -0.79 0.00	54.66 -0.72 0.00	66.49 -2.34 0.00	49.13 -2.21 0.00	35.66 -1.33 0.00	31.54 -1.31 0.00	27.87 -1.19 0.00	26.09 -1.12 0.00	25.33 -0.97 0.00	24.81 -1.03 0.00	27.46 -1.23 0.00	30.03 -1.48 0.00	36.11 -1.94 0.00	45.44 -2.04 0.00	56.27 -1.92 0.00	48.68 -2.29 0.00	38.36 -2.71 0.00	35.59 -2.07 0.00	33.58 -1.62 0.00
HOWARD_WT_PWR 323690	38.32 -0.70 0.00	36.01 -0.55 0.00	33.83 -0.69 0.00	33.24 -0.82 0.00	34.06 -0.91 0.00	38.40 -1.06 0.00	54.32 -1.05 0.00	67.04 -1.79 0.00	49.44 -1.90 0.00	35.47 -1.52 0.00	31.27 -1.58 0.00	27.58 -1.48 0.00	25.95 -1.25 0.00	25.12 -1.18 0.00	24.61 -1.24 0.00	27.32 -1.38 0.00	30.00 -1.51 0.00	36.46 -1.60 0.00	46.30 -1.19 0.00	57.26 -0.93 0.00	49.70 -1.27 0.00	39.26 -1.81 0.00	36.19 -1.47 0.00	33.79 -1.41 0.00

HQ_GEN_CEDARS 23644	39.53 0.51 0.00	37.14 0.58 0.00	35.14 0.62 0.00	34.71 0.65 0.00	35.56 0.59 0.00	40.17 0.71 0.00	56.10 0.72 0.00	69.66 0.83 0.00	52.06 0.72 0.00	37.44 0.44 0.00	33.14 0.30 0.00	29.26 0.20 0.00	27.37 0.16 0.00	26.46 0.16 0.00	26.00 0.16 0.00	28.90 0.20 0.00	31.70 0.19 0.00	38.36 0.30 0.00	47.96 0.47 0.00	58.89 0.70 0.00	51.58 0.61 0.00	41.48 0.41 0.00	38.04 0.38 0.00	35.45 0.25 0.00
HQ_GEN_CEDARS_PROXY 323590	39.53 0.51 0.00	37.14 0.58 0.00	35.14 0.62 0.00	34.70 0.65 0.00	35.56 0.59 0.00	40.17 0.71 0.00	56.09 0.72 0.00	69.66 0.83 0.00	51.98 0.72 0.07	37.51 0.45 -0.07	33.14 0.29 0.00	29.26 0.20 0.00	27.37 0.16 0.00	26.46 0.16 0.00	26.00 0.16 0.00	28.87 0.17 0.00	31.70 0.19 0.00	38.36 0.30 0.00	47.96 0.47 0.00	58.89 0.70 0.00	51.58 0.61 0.00	41.48 0.41 0.00	38.04 0.38 0.00	35.45 0.25 0.00
HQ_GEN_IMPORT 323601	39.26 0.24 0.00	36.81 0.26 0.00	34.80 0.27 0.00	34.36 0.31 0.00	35.24 0.28 0.00	39.77 0.31 0.00	55.65 0.28 0.00	69.04 0.21 0.00	51.57 0.31 0.07	37.29 0.22 -0.07	33.01 0.17 0.00	29.20 0.15 0.00	27.31 0.11 0.00	26.40 0.11 0.00	25.95 0.10 0.00	28.81 0.12 0.00	31.63 0.13 0.00	38.21 0.15 0.00	47.72 0.24 0.00	58.48 0.29 0.00	51.23 0.26 0.00	41.23 0.16 0.00	37.85 0.19 0.00	35.34 0.14 0.00
HQ_GEN_WHEEL 23651	39.26 0.24 0.00	36.81 0.26 0.00	34.80 0.27 0.00	34.36 0.31 0.00	35.24 0.28 0.00	39.77 0.31 0.00	55.65 0.28 0.00	69.04 0.21 0.00	51.57 0.31 0.07	37.29 0.22 -0.07	33.01 0.17 0.00	29.20 0.15 0.00	27.31 0.11 0.00	26.40 0.11 0.00	25.95 0.10 0.00	28.81 0.12 0.00	31.63 0.13 0.00	38.21 0.15 0.00	47.72 0.24 0.00	58.48 0.29 0.00	51.23 0.26 0.00	41.23 0.16 0.00	37.85 0.19 0.00	35.34 0.14 0.00
HUDSON AVE_GT_3 23810	40.42 1.40 0.00	37.76 1.21 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.19 1.22 0.00	41.08 1.62 0.00	57.87 2.49 0.00	72.62 3.79 0.00	54.31 2.98 0.00	39.21 2.22 0.00	34.92 2.07 0.00	30.95 1.89 0.00	29.03 1.82 0.00	28.03 1.74 0.00	27.61 1.76 0.00	30.62 1.92 0.00	33.52 2.02 0.00	40.49 2.44 0.00	50.24 2.75 0.00	61.33 3.14 0.00	53.87 2.91 0.00	43.45 2.38 0.00	39.77 2.11 0.00	36.96 1.76 0.00
HUDSON AVE_GT_4 23540	40.42 1.40 0.00	37.76 1.21 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.19 1.22 0.00	41.08 1.62 0.00	57.87 2.49 0.00	72.62 3.79 0.00	54.31 2.98 0.00	39.21 2.22 0.00	34.92 2.07 0.00	30.95 1.89 0.00	29.03 1.82 0.00	28.03 1.74 0.00	27.61 1.76 0.00	30.62 1.92 0.00	33.52 2.02 0.00	40.49 2.44 0.00	50.24 2.75 0.00	61.33 3.14 0.00	53.87 2.91 0.00	43.45 2.38 0.00	39.77 2.11 0.00	36.96 1.76 0.00
HUDSON AVE_GT_5 23657	40.42 1.40 0.00	37.76 1.21 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.19 1.22 0.00	41.08 1.62 0.00	57.87 2.49 0.00	72.62 3.79 0.00	54.31 2.98 0.00	39.21 2.22 0.00	34.92 2.07 0.00	30.95 1.89 0.00	29.03 1.82 0.00	28.03 1.74 0.00	27.61 1.76 0.00	30.62 1.92 0.00	33.52 2.02 0.00	40.49 2.44 0.00	50.24 2.75 0.00	61.33 3.14 0.00	53.87 2.91 0.00	43.45 2.38 0.00	39.77 2.11 0.00	36.96 1.76 0.00
HUDSON_AVE_10 24168	40.35 1.33 0.00	37.69 1.13 0.00	35.49 0.97 0.00	35.11 1.06 0.00	36.12 1.15 0.00	41.00 1.54 0.00	57.81 2.44 0.00	72.48 3.65 0.00	54.21 2.87 0.00	39.18 2.18 0.00	34.89 2.04 0.00	30.92 1.86 0.00	29.00 1.80 0.00	28.01 1.71 0.00	27.58 1.73 0.00	30.59 1.89 0.00	33.49 1.98 0.00	40.45 2.40 0.00	50.19 2.71 0.00	61.28 3.08 0.00	53.82 2.85 0.00	43.45 2.38 0.00	39.74 2.07 0.00	36.89 1.69 0.00
HUDSON___115KV_TB 4 355613	40.00 0.98 0.00	37.43 0.88 0.00	35.42 0.90 0.00	35.01 0.95 0.00	35.98 1.01 0.00	40.76 1.30 0.00	57.37 1.99 0.00	71.24 2.41 0.00	52.83 1.49 0.00	37.73 0.74 0.00	33.47 0.62 0.00	29.55 0.49 0.00	27.64 0.44 0.00	26.69 0.39 0.00	26.24 0.39 0.00	29.21 0.52 0.00	32.17 0.66 0.00	39.08 1.03 0.00	48.86 1.38 0.00	59.94 1.75 0.00	52.60 1.63 0.00	42.50 1.44 0.00	38.91 1.24 0.00	36.51 1.30 0.00
HUNTER MOUNT___DRP 323613	40.19 1.17 0.00	37.61 1.06 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.19 1.22 0.00	40.96 1.50 0.00	57.70 2.33 0.00	71.59 2.75 0.00	52.93 1.59 0.00	37.70 0.70 0.00	33.37 0.53 0.00	29.43 0.38 0.00	27.53 0.33 0.00	26.59 0.29 0.00	26.16 0.31 0.00	29.13 0.43 0.00	32.07 0.57 0.00	39.01 0.95 0.00	48.91 1.42 0.00	60.11 1.92 0.00	52.70 1.73 0.00	42.59 1.52 0.00	38.98 1.32 0.00	36.65 1.44 0.00
HUNTINGTON_RES_REC 323705	40.31 1.29 0.00	37.54 0.99 0.00	35.39 0.86 0.00	34.88 0.82 0.00	35.94 0.98 0.00	41.28 1.82 0.00	56.92 1.55 0.01	71.79 2.96 0.00	53.80 2.46 0.00	39.66 2.67 0.00	35.28 2.43 0.00	31.21 2.15 0.00	29.11 1.90 0.00	28.14 1.84 0.00	27.73 1.89 0.00	30.88 2.18 0.00	34.06 2.55 0.00	40.60 2.55 0.00	50.33 2.85 0.00	61.16 2.97 0.00	53.82 2.85 0.00	44.11 3.04 0.00	40.00 2.34 0.00	37.17 1.97 0.00
HUNTLEY___63 23557	37.62 -1.40 0.00	35.24 -1.32 0.00	32.97 -1.55 0.00	32.36 -1.70 0.00	33.25 -1.71 0.00	37.49 -1.97 0.00	52.33 -3.05 0.00	63.74 -5.09 0.00	47.23 -4.11 0.00	34.66 -2.33 0.00	30.68 -2.17 0.00	27.02 -2.03 0.00	25.30 -1.90 0.00	24.62 -1.68 0.00	24.12 -1.73 0.00	26.63 -2.07 0.00	29.27 -2.24 0.00	35.05 -3.01 0.00	44.02 -3.47 0.00	54.41 -3.78 0.00	47.04 -3.92 0.00	37.08 -3.98 0.00	34.73 -2.94 0.00	32.53 -2.68 0.00
HUNTLEY___64 23558	37.62 -1.40 0.00	35.24 -1.32 0.00	32.97 -1.55 0.00	32.36 -1.70 0.00	33.25 -1.71 0.00	37.49 -1.97 0.00	52.33 -3.05 0.00	63.74 -5.09 0.00	47.23 -4.11 0.00	34.66 -2.33 0.00	30.68 -2.17 0.00	27.02 -2.03 0.00	25.30 -1.90 0.00	24.62 -1.68 0.00	24.12 -1.73 0.00	26.63 -2.07 0.00	29.27 -2.24 0.00	35.05 -3.01 0.00	44.02 -3.47 0.00	54.41 -3.78 0.00	47.04 -3.92 0.00	37.08 -3.98 0.00	34.73 -2.94 0.00	32.53 -2.68 0.00
HUNTLEY___65 23559	37.62 -1.40 0.00	35.24 -1.32 0.00	32.97 -1.55 0.00	32.36 -1.70 0.00	33.25 -1.71 0.00	37.49 -1.97 0.00	52.33 -3.05 0.00	63.74 -5.09 0.00	47.23 -4.11 0.00	34.66 -2.33 0.00	30.68 -2.17 0.00	27.02 -2.03 0.00	25.30 -1.90 0.00	24.62 -1.68 0.00	24.12 -1.73 0.00	26.63 -2.07 0.00	29.27 -2.24 0.00	35.05 -3.01 0.00	44.02 -3.47 0.00	54.41 -3.78 0.00	47.04 -3.92 0.00	37.08 -3.98 0.00	34.73 -2.94 0.00	32.53 -2.68 0.00
HUNTLEY___66 23560	37.62 -1.40 0.00	35.24 -1.32 0.00	32.97 -1.55 0.00	32.36 -1.70 0.00	33.25 -1.71 0.00	37.49 -1.97 0.00	52.33 -3.05 0.00	63.74 -5.09 0.00	47.23 -4.11 0.00	34.66 -2.33 0.00	30.68 -2.17 0.00	27.02 -2.03 0.00	25.30 -1.90 0.00	24.62 -1.68 0.00	24.12 -1.73 0.00	26.63 -2.07 0.00	29.27 -2.24 0.00	35.05 -3.01 0.00	44.02 -3.47 0.00	54.41 -3.78 0.00	47.04 -3.92 0.00	37.08 -3.98 0.00	34.73 -2.94 0.00	32.53 -2.68 0.00

HUNTLEY___67 23561	37.38 -1.64 0.00	35.05 -1.50 0.00	32.76 -1.76 0.00	32.19 -1.87 0.00	33.08 -1.89 0.00	37.25 -2.21 0.00	52.00 -3.38 0.00	63.33 -5.51 0.00	46.92 -4.41 0.00	34.48 -2.52 0.00	30.52 -2.33 0.00	26.94 -2.12 0.00	25.19 -2.01 0.00	24.51 -1.79 0.00	24.04 -1.81 0.00	26.55 -2.15 0.00	29.18 -2.33 0.00	34.86 -3.20 0.00	43.78 -3.70 0.00	54.06 -4.13 0.00	46.79 -4.18 0.00	36.92 -4.15 0.00	34.50 -3.16 0.00	32.39 -2.82 0.00
HUNTLEY___68 23562	37.38 -1.64 0.00	35.05 -1.50 0.00	32.76 -1.76 0.00	32.19 -1.87 0.00	33.08 -1.89 0.00	37.25 -2.21 0.00	52.00 -3.38 0.00	63.33 -5.51 0.00	46.92 -4.41 0.00	34.48 -2.52 0.00	30.52 -2.33 0.00	26.94 -2.12 0.00	25.19 -2.01 0.00	24.51 -1.79 0.00	24.04 -1.81 0.00	26.55 -2.15 0.00	29.18 -2.33 0.00	34.86 -3.20 0.00	43.78 -3.70 0.00	54.06 -4.13 0.00	46.79 -4.18 0.00	36.92 -4.15 0.00	34.50 -3.16 0.00	32.39 -2.82 0.00
HYLAND___LFGE 323620	39.49 0.47 0.00	36.96 0.40 0.00	34.77 0.24 0.00	34.20 0.14 0.00	35.04 0.07 0.00	39.62 0.16 0.00	55.87 0.50 0.00	68.28 -0.55 0.00	49.69 -1.64 0.00	35.29 -1.70 0.00	31.04 -1.81 0.00	27.31 -1.74 0.00	25.65 -1.55 0.00	24.83 -1.47 0.00	24.35 -1.50 0.00	27.15 -1.55 0.00	29.90 -1.61 0.00	36.57 -1.48 0.00	46.82 -0.66 0.00	58.48 0.29 0.00	50.87 -0.10 0.00	40.28 -0.78 0.00	37.25 -0.41 0.00	34.53 -0.67 0.00
INDECK___CORINTH 23802	39.41 0.39 0.00	36.92 0.37 0.00	34.83 0.31 0.00	34.50 0.44 0.00	35.52 0.56 0.00	40.29 0.83 0.00	56.98 1.61 0.00	71.04 2.20 0.00	52.46 1.13 0.00	37.33 0.33 0.00	32.95 0.10 0.00	28.97 -0.09 0.00	27.04 -0.16 0.00	26.06 -0.24 0.00	25.62 -0.23 0.00	28.61 -0.09 0.00	31.60 0.09 0.00	38.70 0.65 0.00	48.29 0.81 0.00	59.36 1.16 0.00	52.09 1.12 0.00	42.09 1.03 0.00	38.49 0.83 0.00	35.91 0.70 0.00
INDECK___ILION 23567	38.90 -0.12 0.00	36.44 -0.11 0.00	34.45 -0.07 0.00	34.02 -0.03 0.00	34.93 -0.03 0.00	39.50 0.04 0.00	55.49 0.11 0.00	69.18 0.34 0.00	51.54 0.21 0.00	37.03 0.04 0.00	32.88 0.03 0.00	29.06 0.00 0.00	27.20 0.00 0.00	26.30 0.00 0.00	25.85 0.00 0.00	28.73 0.03 0.00	31.54 0.03 0.00	38.21 0.15 0.00	47.63 0.14 0.00	58.42 0.23 0.00	51.17 0.20 0.00	41.23 0.16 0.00	37.70 0.04 0.00	35.20 0.00 0.00
INDECK___OLEAN 23982	38.79 -0.23 0.00	36.34 -0.22 0.00	34.14 -0.38 0.00	33.51 -0.55 0.00	34.37 -0.59 0.00	38.67 -0.79 0.00	54.65 -0.72 0.00	66.56 -2.27 0.00	49.33 -2.00 0.00	35.66 -1.33 0.00	31.53 -1.31 0.00	27.86 -1.19 0.00	26.20 -1.01 0.00	25.35 -0.95 0.00	24.81 -1.03 0.00	27.55 -1.15 0.00	30.03 -1.48 0.00	36.11 -1.94 0.00	45.44 -2.04 0.00	56.27 -1.92 0.00	48.68 -2.29 0.00	38.32 -2.75 0.00	35.63 -2.03 0.00	33.58 -1.62 0.00
INDECK___OSWEGO 23783	38.01 -1.01 0.00	35.60 -0.95 0.00	33.59 -0.93 0.00	33.07 -0.99 0.00	33.92 -1.05 0.00	38.12 -1.34 0.00	53.60 -1.77 0.00	66.63 -2.21 0.00	49.54 -1.80 0.00	35.70 -1.30 0.00	31.73 -1.12 0.00	28.10 -0.96 0.00	26.31 -0.90 0.00	25.43 -0.87 0.00	24.97 -0.88 0.00	27.72 -0.98 0.00	30.44 -1.07 0.00	36.65 -1.41 0.00	45.78 -1.71 0.00	56.27 -1.92 0.00	49.18 -1.79 0.00	39.55 -1.52 0.00	36.31 -1.35 0.00	34.01 -1.20 0.00
INDECK___YERKES 23781	37.69 -1.33 0.00	35.27 -1.28 0.00	33.07 -1.45 0.00	32.53 -1.53 0.00	33.29 -1.68 0.00	37.53 -1.93 0.00	52.38 -2.99 0.00	63.81 -5.02 0.00	47.64 -3.70 0.00	34.70 -2.29 0.00	30.71 -2.13 0.00	27.05 -2.00 0.00	25.49 -1.71 0.00	24.64 -1.66 0.00	24.14 -1.71 0.00	26.72 -1.98 0.00	29.27 -2.24 0.00	35.09 -2.97 0.00	44.07 -3.42 0.00	54.47 -3.73 0.00	47.15 -3.82 0.00	37.12 -3.94 0.00	34.84 -2.83 0.00	32.56 -2.64 0.00
INDIAN POINT_GT_1 24139	39.96 0.94 0.00	37.36 0.80 0.00	35.21 0.69 0.00	34.84 0.78 0.00	35.84 0.87 0.00	40.64 1.18 0.00	57.26 1.88 0.00	71.73 2.89 0.00	53.54 2.21 0.00	38.58 1.59 0.00	34.29 1.45 0.00	30.39 1.34 0.00	28.48 1.28 0.00	27.51 1.21 0.00	27.09 1.24 0.00	30.07 1.38 0.00	32.96 1.45 0.00	39.84 1.79 0.00	49.53 2.04 0.00	60.52 2.33 0.00	53.16 2.19 0.00	42.91 1.85 0.00	39.25 1.58 0.00	36.51 1.30 0.00
INDIAN POINT_GT_2 23659	39.96 0.94 0.00	37.36 0.80 0.00	35.21 0.69 0.00	34.84 0.78 0.00	35.84 0.87 0.00	40.64 1.18 0.00	57.26 1.88 0.00	71.73 2.89 0.00	53.54 2.21 0.00	38.58 1.59 0.00	34.29 1.45 0.00	30.39 1.34 0.00	28.48 1.28 0.00	27.51 1.21 0.00	27.09 1.24 0.00	30.07 1.38 0.00	32.96 1.45 0.00	39.84 1.79 0.00	49.53 2.04 0.00	60.52 2.33 0.00	53.16 2.19 0.00	42.91 1.85 0.00	39.25 1.58 0.00	36.51 1.30 0.00
INDIAN POINT_GT_3 24019	39.96 0.94 0.00	37.36 0.80 0.00	35.21 0.69 0.00	34.84 0.78 0.00	35.84 0.87 0.00	40.64 1.18 0.00	57.26 1.88 0.00	71.73 2.89 0.00	53.54 2.21 0.00	38.58 1.59 0.00	34.29 1.45 0.00	30.39 1.34 0.00	28.48 1.28 0.00	27.51 1.21 0.00	27.09 1.24 0.00	30.07 1.38 0.00	32.96 1.45 0.00	39.84 1.79 0.00	49.53 2.04 0.00	60.52 2.33 0.00	53.16 2.19 0.00	42.91 1.85 0.00	39.25 1.58 0.00	36.51 1.30 0.00
INDIAN POINT___2 23530	39.76 0.74 0.00	37.17 0.62 0.00	35.07 0.55 0.00	34.64 0.58 0.00	35.66 0.70 0.00	40.45 0.99 0.00	56.98 1.61 0.00	71.45 2.62 0.00	53.24 1.90 0.00	38.43 1.44 0.00	34.13 1.28 0.00	30.25 1.19 0.00	28.32 1.12 0.00	27.38 1.08 0.00	26.96 1.11 0.00	29.90 1.21 0.00	32.80 1.29 0.00	39.62 1.56 0.00	49.24 1.76 0.00	60.23 2.04 0.00	52.86 1.89 0.00	42.67 1.60 0.00	39.06 1.39 0.00	36.33 1.13 0.00
INDIAN POINT___3 23531	39.96 0.94 0.00	37.36 0.80 0.00	35.21 0.69 0.00	34.84 0.78 0.00	35.84 0.87 0.00	40.64 1.18 0.00	57.20 1.83 0.00	71.73 2.89 0.00	53.54 2.21 0.00	38.62 1.63 0.00	34.33 1.48 0.00	30.42 1.37 0.00	28.51 1.31 0.00	27.53 1.24 0.00	27.11 1.27 0.00	30.10 1.41 0.00	32.99 1.48 0.00	39.84 1.79 0.00	49.53 2.04 0.00	60.52 2.33 0.00	53.16 2.19 0.00	42.91 1.85 0.00	39.28 1.62 0.00	36.54 1.34 0.00
INGHAM_C_115KV_TB7 356103	38.36 -0.66 0.00	36.01 -0.55 0.00	34.04 -0.48 0.00	33.62 -0.44 0.00	34.55 -0.42 0.00	39.07 -0.39 0.00	54.93 -0.44 0.00	68.56 -0.28 0.00	51.08 -0.26 0.00	36.70 -0.30 0.00	32.62 -0.23 0.00	28.82 -0.23 0.00	26.98 -0.22 0.00	26.06 -0.24 0.00	25.62 -0.23 0.00	28.47 -0.23 0.00	31.22 -0.28 0.00	37.86 -0.19 0.00	47.25 -0.24 0.00	57.90 -0.29 0.00	50.66 -0.31 0.00	40.82 -0.25 0.00	37.29 -0.38 0.00	34.78 -0.42 0.00
IP CORINTH___1 23988	39.61 0.59 0.00	37.10 0.55 0.00	35.04 0.52 0.00	34.67 0.61 0.00	35.70 0.73 0.00	40.53 1.07 0.00	57.26 1.88 0.00	71.45 2.62 0.00	52.83 1.49 0.00	37.51 0.52 0.00	33.11 0.26 0.00	29.11 0.06 0.00	27.20 0.00 0.00	26.19 -0.11 0.00	25.74 -0.10 0.00	28.78 0.09 0.00	31.76 0.25 0.00	38.85 0.80 0.00	48.58 1.09 0.00	59.70 1.51 0.00	52.40 1.43 0.00	42.30 1.23 0.00	38.68 1.02 0.00	36.08 0.88 0.00

IP___TICONDEROGA 23804	40.78 1.76 0.00	38.23 1.68 0.00	36.08 1.55 0.00	35.76 1.70 0.00	36.89 1.92 0.00	41.99 2.53 0.00	59.58 4.21 0.00	74.34 5.51 0.00	54.47 3.13 0.00	38.29 1.29 0.00	33.67 0.82 0.00	29.55 0.49 0.00	27.53 0.33 0.00	26.40 0.11 0.00	25.95 0.10 0.00	29.13 0.43 0.00	32.17 0.66 0.00	39.65 1.60 0.00	49.86 2.37 0.00	61.63 3.43 0.00	54.08 3.11 0.00	43.53 2.46 0.00	39.77 2.11 0.00	37.07 1.87 0.00
ISLIP_RES_REC 323679	40.35 1.33 0.00	37.50 0.95 0.00	35.42 0.90 0.00	34.91 0.85 0.00	36.01 1.05 0.00	41.43 1.97 0.00	57.31 1.94 0.01	72.27 3.44 0.00	53.85 2.51 0.00	39.92 2.92 0.00	35.54 2.69 0.00	31.38 2.33 0.00	29.27 2.07 0.00	28.30 2.00 0.00	27.89 2.04 0.00	31.05 2.35 0.00	34.31 2.80 0.00	40.53 2.47 0.00	50.62 3.13 0.00	61.57 3.37 0.00	54.13 3.16 0.00	44.31 3.24 0.00	40.08 2.41 0.00	37.28 2.08 0.00
JAMAICA__27_KV_LOAD 355505	40.54 1.52 0.00	37.91 1.35 0.00	35.66 1.14 0.00	35.25 1.19 0.00	36.29 1.33 0.00	41.24 1.78 0.00	58.20 2.82 0.00	73.03 4.20 0.00	54.62 3.29 0.00	39.51 2.52 0.00	35.15 2.30 0.00	31.18 2.12 0.00	29.24 2.04 0.00	28.22 1.92 0.00	27.81 1.96 0.00	30.85 2.15 0.00	33.78 2.27 0.00	40.79 2.74 0.00	50.62 3.13 0.00	61.86 3.67 0.00	54.33 3.36 0.00	43.82 2.75 0.00	40.07 2.41 0.00	37.14 1.94 0.00
JANIS___SOLAR 323808	40.54 1.52 0.00	38.02 1.46 0.00	35.87 1.35 0.00	35.35 1.29 0.00	36.26 1.29 0.00	40.92 1.46 0.00	58.03 2.66 0.00	72.14 3.30 0.00	52.98 1.64 0.00	37.44 0.45 0.00	32.85 0.00 0.00	28.82 -0.23 0.00	27.01 -0.19 0.00	26.09 -0.21 0.00	25.62 -0.23 0.00	28.58 -0.11 0.00	31.44 -0.06 0.00	38.63 0.57 0.00	48.81 1.33 0.00	60.46 2.27 0.00	52.75 1.78 0.00	42.21 1.15 0.00	38.64 0.98 0.00	35.98 0.77 0.00
JARVIS____ 23743	39.18 0.16 0.00	36.70 0.15 0.00	34.66 0.14 0.00	34.20 0.14 0.00	35.14 0.18 0.00	39.66 0.20 0.00	55.71 0.33 0.00	69.32 0.49 0.00	51.65 0.31 0.00	37.14 0.15 0.00	32.98 0.13 0.00	29.17 0.12 0.00	27.31 0.11 0.00	26.40 0.11 0.00	25.95 0.10 0.00	28.81 0.12 0.00	31.63 0.13 0.00	38.28 0.23 0.00	47.77 0.29 0.00	58.54 0.35 0.00	51.28 0.31 0.00	41.39 0.33 0.00	37.93 0.27 0.00	35.42 0.21 0.00
JENNISON___1 23625	40.54 1.52 0.00	38.05 1.50 0.00	35.87 1.35 0.00	35.42 1.36 0.00	36.33 1.36 0.00	41.04 1.58 0.00	58.20 2.82 0.00	72.62 3.79 0.00	53.54 2.21 0.00	37.96 0.96 0.00	33.37 0.53 0.00	29.32 0.26 0.00	27.47 0.27 0.00	26.56 0.26 0.00	26.06 0.21 0.00	29.01 0.32 0.00	31.85 0.35 0.00	39.04 0.99 0.00	49.05 1.57 0.00	60.69 2.50 0.00	52.96 1.99 0.00	42.46 1.40 0.00	38.83 1.17 0.00	36.15 0.95 0.00
JENNISON___2 23626	40.54 1.52 0.00	38.05 1.50 0.00	35.87 1.35 0.00	35.42 1.36 0.00	36.33 1.36 0.00	41.04 1.58 0.00	58.20 2.82 0.00	72.62 3.79 0.00	53.54 2.21 0.00	37.96 0.96 0.00	33.37 0.53 0.00	29.32 0.26 0.00	27.47 0.27 0.00	26.56 0.26 0.00	26.06 0.21 0.00	29.01 0.32 0.00	31.85 0.35 0.00	39.04 0.99 0.00	49.05 1.57 0.00	60.69 2.50 0.00	52.96 1.99 0.00	42.46 1.40 0.00	38.83 1.17 0.00	36.15 0.95 0.00
JERICHO_RISE_WT_PWR 323719	39.84 0.82 0.00	37.50 0.95 0.00	35.52 1.00 0.00	35.15 1.09 0.00	36.05 1.09 0.00	40.72 1.26 0.00	56.59 1.22 0.00	69.87 1.03 0.00	52.52 1.18 0.00	38.03 1.03 0.00	33.67 0.82 0.00	29.73 0.67 0.00	27.80 0.60 0.00	26.88 0.58 0.00	26.39 0.54 0.00	29.30 0.60 0.00	32.17 0.66 0.00	38.93 0.88 0.00	48.58 1.09 0.00	59.59 1.39 0.00	52.09 1.12 0.00	41.81 0.74 0.00	38.30 0.64 0.00	35.70 0.49 0.00
KATONAH__115KV_46KV_TB4 355592	40.39 1.37 0.00	37.76 1.21 0.00	35.63 1.10 0.00	35.25 1.19 0.00	36.26 1.29 0.00	41.16 1.70 0.00	58.03 2.66 0.00	72.41 3.58 0.00	54.06 2.72 0.00	38.95 1.96 0.00	34.56 1.71 0.00	30.57 1.51 0.00	28.67 1.47 0.00	27.69 1.39 0.00	27.27 1.42 0.00	30.28 1.58 0.00	33.21 1.70 0.00	40.22 2.17 0.00	50.00 2.52 0.00	61.16 2.97 0.00	53.67 2.70 0.00	43.28 2.22 0.00	39.62 1.96 0.00	36.82 1.62 0.00
KCE_NY_1 323755	40.23 1.21 0.00	37.65 1.10 0.00	35.56 1.03 0.00	35.18 1.12 0.00	36.19 1.22 0.00	41.04 1.58 0.00	57.87 2.49 0.00	72.07 3.24 0.00	53.39 2.06 0.00	38.07 1.07 0.00	33.67 0.82 0.00	29.64 0.58 0.00	27.69 0.49 0.00	26.69 0.40 0.00	26.26 0.41 0.00	29.27 0.57 0.00	32.33 0.82 0.00	39.46 1.41 0.00	49.29 1.80 0.00	60.46 2.27 0.00	53.06 2.09 0.00	42.83 1.76 0.00	39.21 1.54 0.00	36.65 1.44 0.00
KCE_NY_6_ESR 323823	38.12 -0.90 0.00	35.71 -0.84 0.00	33.49 -1.03 0.00	32.90 -1.16 0.00	33.71 -1.26 0.00	37.96 -1.50 0.00	53.16 -2.22 0.00	64.71 -4.13 0.00	48.26 -3.08 0.00	35.11 -1.89 0.00	31.07 -1.77 0.00	27.40 -1.66 0.00	25.79 -1.42 0.00	24.93 -1.37 0.00	24.43 -1.42 0.00	27.06 -1.63 0.00	29.62 -1.89 0.00	35.54 -2.51 0.00	44.64 -2.85 0.00	55.16 -3.03 0.00	47.71 -3.26 0.00	37.53 -3.53 0.00	35.14 -2.52 0.00	32.92 -2.29 0.00
KEDC_PORT_JEFF_GT2 24210	40.27 1.25 0.00	37.43 0.88 0.00	35.35 0.83 0.00	34.84 0.78 0.00	35.94 0.98 0.00	41.35 1.89 0.00	57.14 1.77 0.01	72.00 3.17 0.00	53.70 2.36 0.00	39.84 2.85 0.00	35.44 2.59 0.00	31.32 2.27 0.00	29.22 2.01 0.00	28.24 1.95 0.00	27.84 1.99 0.00	31.02 2.32 0.00	34.25 2.74 0.00	40.49 2.44 0.00	50.48 2.99 0.00	61.39 3.20 0.00	53.98 3.01 0.00	44.19 3.12 0.00	39.96 2.30 0.00	37.21 2.01 0.00
KEDC_PORT_JEFF_GT3 24211	40.27 1.25 0.00	37.43 0.88 0.00	35.35 0.83 0.00	34.84 0.78 0.00	35.94 0.98 0.00	41.35 1.89 0.00	57.14 1.77 0.01	72.00 3.17 0.00	53.70 2.36 0.00	39.84 2.85 0.00	35.44 2.59 0.00	31.32 2.27 0.00	29.22 2.01 0.00	28.24 1.95 0.00	27.84 1.99 0.00	31.02 2.32 0.00	34.25 2.74 0.00	40.49 2.44 0.00	50.48 2.99 0.00	61.39 3.20 0.00	53.98 3.01 0.00	44.19 3.12 0.00	39.96 2.30 0.00	37.21 2.01 0.00
KEDC_GLWD_GT4 24219	40.54 1.52 0.00	37.83 1.28 0.00	35.63 1.10 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.39 1.93 0.00	57.70 2.33 0.00	72.55 3.71 0.00	54.21 2.87 0.00	39.51 2.52 0.00	35.18 2.33 0.00	31.12 2.06 0.00	29.05 1.85 0.00	28.06 1.76 0.00	27.66 1.81 0.00	30.74 2.04 0.00	33.84 2.33 0.00	40.60 2.55 0.00	50.53 3.04 0.00	61.57 3.37 0.00	54.08 3.11 0.00	43.98 2.92 0.00	40.08 2.41 0.00	37.21 2.01 0.00
KEDC_GLWD_GT5 24220	40.54 1.52 0.00	37.83 1.28 0.00	35.63 1.10 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.39 1.93 0.00	57.70 2.33 0.00	72.55 3.71 0.00	54.21 2.87 0.00	39.51 2.52 0.00	35.18 2.33 0.00	31.12 2.06 0.00	29.05 1.85 0.00	28.06 1.76 0.00	27.66 1.81 0.00	30.74 2.04 0.00	33.84 2.33 0.00	40.60 2.55 0.00	50.53 3.04 0.00	61.57 3.37 0.00	54.08 3.11 0.00	43.98 2.92 0.00	40.08 2.41 0.00	37.21 2.01 0.00

KENSICO____ 23655	40.15 1.13 0.00	37.54 0.99 0.00	35.39 0.86 0.00	35.01 0.95 0.00	36.01 1.05 0.00	40.84 1.38 0.00	57.54 2.16 0.00	72.07 3.24 0.00	53.85 2.52 0.00	38.88 1.89 0.00	34.56 1.71 0.00	30.63 1.57 0.00	28.70 1.50 0.00	27.72 1.42 0.00	27.30 1.45 0.00	30.30 1.61 0.00	33.21 1.70 0.00	40.15 2.09 0.00	49.86 2.37 0.00	60.93 2.74 0.00	53.47 2.50 0.00	43.16 2.09 0.00	39.51 1.85 0.00	36.75 1.55 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.15 1.13 0.00	37.50 0.95 0.00	35.35 0.83 0.00	34.98 0.92 0.00	35.98 1.01 0.00	40.76 1.30 0.00	57.59 2.22 0.00	72.00 3.17 0.00	53.60 2.26 0.00	38.44 1.44 0.00	34.00 1.15 0.00	30.07 1.02 0.00	28.21 1.01 0.00	27.25 0.95 0.00	26.86 1.01 0.00	29.82 1.12 0.00	32.71 1.20 0.00	39.65 1.60 0.00	49.48 1.99 0.00	60.69 2.50 0.00	53.21 2.24 0.00	42.91 1.85 0.00	39.21 1.54 0.00	36.54 1.34 0.00
KIAC_JFK_GT1 23816	40.31 1.29 0.00	37.69 1.13 0.00	35.45 0.93 0.00	35.08 1.02 0.00	36.12 1.15 0.00	41.00 1.54 0.00	57.76 2.38 0.00	72.55 3.72 0.00	54.26 2.93 0.00	39.29 2.29 0.00	34.98 2.14 0.00	31.03 1.98 0.00	29.11 1.90 0.00	28.09 1.79 0.00	27.68 1.84 0.00	30.71 2.01 0.00	33.62 2.11 0.00	40.60 2.55 0.00	50.29 2.80 0.00	61.39 3.20 0.00	53.93 2.96 0.00	43.57 2.51 0.00	39.85 2.18 0.00	36.96 1.76 0.00
KIAC_JFK_GT2 23817	40.31 1.29 0.00	37.69 1.13 0.00	35.45 0.93 0.00	35.08 1.02 0.00	36.12 1.15 0.00	41.00 1.54 0.00	57.76 2.38 0.00	72.55 3.72 0.00	54.26 2.93 0.00	39.29 2.29 0.00	34.98 2.14 0.00	31.03 1.98 0.00	29.11 1.90 0.00	28.09 1.79 0.00	27.68 1.84 0.00	30.71 2.01 0.00	33.62 2.11 0.00	40.60 2.55 0.00	50.29 2.80 0.00	61.39 3.20 0.00	53.93 2.96 0.00	43.57 2.51 0.00	39.85 2.18 0.00	36.96 1.76 0.00
KIAC_JFK____ 323774	40.31 1.29 0.00	37.69 1.13 0.00	35.46 0.93 0.00	35.05 0.99 0.00	36.12 1.15 0.00	41.00 1.54 0.00	57.76 2.38 0.00	72.55 3.71 0.00	54.21 2.87 0.00	39.29 2.29 0.00	34.98 2.13 0.00	31.03 1.98 0.00	29.08 1.88 0.00	28.09 1.79 0.00	27.68 1.84 0.00	30.68 1.98 0.00	33.65 2.14 0.00	40.57 2.51 0.00	50.29 2.80 0.00	61.39 3.20 0.00	53.92 2.96 0.00	43.53 2.46 0.00	39.85 2.18 0.00	36.96 1.76 0.00
KINTIGH____ 23543	37.03 -1.99 0.00	34.73 -1.83 0.00	32.52 -2.00 0.00	31.95 -2.11 0.00	32.80 -2.17 0.00	36.97 -2.49 0.00	51.55 -3.82 0.00	63.19 -5.64 0.00	46.87 -4.47 0.00	34.33 -2.66 0.00	30.42 -2.43 0.00	26.85 -2.21 0.00	25.14 -2.07 0.00	24.43 -1.87 0.00	23.96 -1.89 0.00	26.49 -2.21 0.00	29.11 -2.39 0.00	34.82 -3.23 0.00	43.64 -3.85 0.00	53.83 -4.36 0.00	46.74 -4.23 0.00	37.04 -4.02 0.00	34.54 -3.13 0.00	32.32 -2.89 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.70 1.68 0.00	38.38 1.83 0.00	36.42 1.90 0.00	36.07 2.01 0.00	36.99 2.03 0.00	41.83 2.37 0.00	57.76 2.38 0.00	70.83 2.00 0.00	53.60 2.26 0.00	39.03 2.03 0.00	34.49 1.64 0.00	30.42 1.37 0.00	28.43 1.22 0.00	27.48 1.18 0.00	26.96 1.11 0.00	29.96 1.26 0.00	32.93 1.42 0.00	39.88 1.83 0.00	49.86 2.37 0.00	61.22 3.03 0.00	53.47 2.50 0.00	42.79 1.72 0.00	39.21 1.54 0.00	36.44 1.23 0.00
LACHUTE__HYDRO 323717	40.78 1.76 0.00	38.24 1.68 0.00	36.04 1.52 0.00	35.76 1.70 0.00	36.92 1.96 0.00	41.99 2.53 0.00	59.58 4.21 0.00	74.27 5.44 0.00	54.42 3.08 0.00	38.29 1.29 0.00	33.67 0.82 0.00	29.55 0.49 0.00	27.50 0.30 0.00	26.40 0.11 0.00	25.95 0.10 0.00	29.10 0.40 0.00	32.17 0.66 0.00	39.65 1.60 0.00	49.86 2.37 0.00	61.62 3.43 0.00	54.08 3.11 0.00	43.53 2.46 0.00	39.77 2.11 0.00	37.07 1.86 0.00
LAWRNCV_115KV_TB1 80681	39.18 0.16 0.00	36.77 0.22 0.00	34.83 0.31 0.00	34.43 0.37 0.00	35.24 0.28 0.00	39.82 0.36 0.00	55.65 0.28 0.00	69.18 0.34 0.00	51.64 0.31 0.00	37.03 0.04 0.00	32.75 -0.10 0.00	28.88 -0.17 0.00	26.98 -0.22 0.00	26.11 -0.18 0.00	25.64 -0.21 0.00	28.50 -0.20 0.00	31.26 -0.25 0.00	37.94 -0.11 0.00	47.48 0.00 0.00	58.42 0.23 0.00	51.17 0.20 0.00	41.15 0.08 0.00	37.63 -0.04 0.00	35.06 -0.14 0.00
LEDERLE____ 23769	40.00 0.98 0.00	37.36 0.80 0.00	35.25 0.72 0.00	34.84 0.78 0.00	35.84 0.87 0.00	40.72 1.26 0.00	57.48 2.10 0.00	72.07 3.24 0.00	53.80 2.46 0.00	38.69 1.70 0.00	34.33 1.48 0.00	30.42 1.37 0.00	28.51 1.31 0.00	27.53 1.24 0.00	27.11 1.27 0.00	30.10 1.41 0.00	32.96 1.45 0.00	39.84 1.79 0.00	49.53 2.04 0.00	60.64 2.44 0.00	53.16 2.19 0.00	42.91 1.85 0.00	39.25 1.58 0.00	36.54 1.34 0.00
LIGHTHSE_115KV_TB6 355974	38.40 -0.62 0.00	36.01 -0.55 0.00	33.97 -0.55 0.00	33.48 -0.58 0.00	34.27 -0.70 0.00	38.55 -0.91 0.00	54.38 -1.00 0.00	67.66 -1.17 0.00	50.05 -1.28 0.00	35.88 -1.11 0.00	31.77 -1.08 0.00	28.01 -1.05 0.00	26.22 -0.98 0.00	25.38 -0.92 0.00	24.92 -0.93 0.00	27.72 -0.98 0.00	30.44 -1.07 0.00	36.87 -1.18 0.00	46.20 -1.28 0.00	57.03 -1.16 0.00	49.85 -1.12 0.00	40.04 -1.03 0.00	36.68 -0.98 0.00	34.25 -0.95 0.00
LINDEN COGEN____ 23786	40.11 1.09 0.00	37.47 0.91 0.00	35.28 0.76 0.00	34.88 0.82 0.00	35.94 0.98 0.00	40.76 1.30 0.00	57.43 2.05 0.00	68.34 3.24 3.73	53.85 2.51 0.00	38.95 1.96 0.00	34.69 1.84 0.00	30.77 1.71 0.00	28.86 1.66 0.00	27.88 1.58 0.00	27.45 1.60 0.00	30.39 1.69 0.00	33.33 1.83 0.00	40.18 2.13 0.00	49.86 2.37 0.00	57.09 2.62 3.73	53.47 2.50 0.00	43.16 2.09 0.00	39.43 1.77 0.00	36.68 1.48 0.00
LINDHRST_69_KV_BK1 356055	40.58 1.56 0.00	37.83 1.28 0.00	35.63 1.10 0.00	35.22 1.16 0.00	36.22 1.26 0.00	41.55 2.09 0.00	57.69 2.33 0.01	72.62 3.79 0.00	54.31 2.98 0.00	39.73 2.74 0.00	35.38 2.53 0.00	31.27 2.21 0.00	29.19 1.99 0.00	28.19 1.89 0.00	27.79 1.94 0.00	30.94 2.24 0.00	33.97 2.46 0.00	40.91 2.85 0.00	50.76 3.28 0.00	61.86 3.67 0.00	54.33 3.36 0.00	44.19 3.12 0.00	40.38 2.71 0.00	37.39 2.18 0.00
LIPA_MISC_IPP 23656	39.80 0.78 0.00	36.88 0.33 0.00	34.94 0.41 0.00	34.54 0.48 0.00	35.52 0.56 0.00	40.88 1.42 0.00	56.36 1.00 0.01	71.04 2.20 0.00	53.03 1.69 0.00	39.66 2.66 0.00	35.31 2.46 0.00	31.21 2.15 0.00	29.13 1.93 0.00	28.17 1.87 0.00	27.74 1.89 0.00	30.94 2.24 0.00	33.78 2.27 0.00	40.26 2.21 0.00	49.81 2.33 0.00	60.64 2.44 0.00	53.26 2.29 0.00	43.49 2.42 0.00	39.85 2.18 0.00	36.82 1.62 0.00
LISF__SOLAR 323691	39.80 0.78 0.00	36.92 0.37 0.00	34.94 0.42 0.00	34.43 0.38 0.00	35.52 0.56 0.00	40.92 1.46 0.00	56.37 1.00 0.01	71.10 2.27 0.00	52.93 1.59 0.00	39.69 2.70 0.00	35.34 2.50 0.00	31.21 2.15 0.00	29.13 1.93 0.00	28.17 1.87 0.00	27.73 1.89 0.00	30.94 2.24 0.00	34.15 2.65 0.00	39.92 1.86 0.00	49.81 2.33 0.00	60.64 2.44 0.00	53.32 2.35 0.00	43.78 2.71 0.00	39.47 1.81 0.00	36.86 1.65 0.00

LITTLE FALLS___HYD 24013	38.36 -0.66 0.00	36.01 -0.55 0.00	34.04 -0.48 0.00	33.62 -0.44 0.00	34.55 -0.42 0.00	39.07 -0.39 0.00	54.93 -0.44 0.00	68.56 -0.28 0.00	51.08 -0.26 0.00	36.70 -0.30 0.00	32.62 -0.23 0.00	28.82 -0.23 0.00	26.98 -0.22 0.00	26.06 -0.24 0.00	25.62 -0.23 0.00	28.47 -0.23 0.00	31.22 -0.28 0.00	37.86 -0.19 0.00	47.25 -0.24 0.00	57.90 -0.29 0.00	50.66 -0.31 0.00	40.82 -0.25 0.00	37.29 -0.38 0.00	34.78 -0.42 0.00
LITTLRIV_115KV_TB1 356100	39.64 0.62 0.00	37.28 0.73 0.00	35.28 0.76 0.00	34.88 0.82 0.00	35.70 0.73 0.00	40.33 0.87 0.00	56.48 1.11 0.00	70.21 1.38 0.00	52.26 0.92 0.00	37.33 0.33 0.00	32.98 0.13 0.00	29.03 -0.03 0.00	27.12 -0.08 0.00	26.22 -0.08 0.00	25.74 -0.10 0.00	28.67 -0.03 0.00	31.44 -0.06 0.00	38.28 0.23 0.00	48.01 0.52 0.00	59.18 0.99 0.00	51.84 0.87 0.00	41.64 0.57 0.00	38.08 0.41 0.00	35.41 0.21 0.00
LI_NEWBRDGE___DRP 323616	40.15 1.13 0.00	37.43 0.88 0.00	35.28 0.76 0.00	34.88 0.82 0.00	35.87 0.91 0.00	41.04 1.58 0.00	57.08 1.72 0.01	71.73 2.89 0.00	53.75 2.41 0.00	39.21 2.22 0.00	34.89 2.04 0.00	30.86 1.80 0.00	28.86 1.66 0.00	27.88 1.58 0.00	27.45 1.60 0.00	30.53 1.84 0.00	33.49 1.98 0.00	40.41 2.36 0.00	50.00 2.52 0.00	60.93 2.74 0.00	53.52 2.55 0.00	43.57 2.51 0.00	39.81 2.15 0.00	36.93 1.72 0.00
LOCKPORT_115KV_TB60_63_64 80432	37.07 -1.95 0.00	34.76 -1.79 0.00	32.49 -2.04 0.00	31.91 -2.15 0.00	32.76 -2.20 0.00	36.94 -2.53 0.00	51.50 -3.88 0.00	62.78 -6.06 0.00	46.51 -4.83 0.00	34.11 -2.89 0.00	30.19 -2.66 0.00	26.62 -2.44 0.00	24.89 -2.31 0.00	24.22 -2.08 0.00	23.75 -2.09 0.00	26.23 -2.47 0.00	28.86 -2.65 0.00	34.52 -3.54 0.00	43.40 -4.08 0.00	53.65 -4.54 0.00	46.43 -4.54 0.00	36.59 -4.48 0.00	34.27 -3.39 0.00	32.11 -3.10 0.00
LOCKPORT___CC1 323769	37.11 -1.91 0.00	34.73 -1.83 0.00	32.56 -1.97 0.00	32.02 -2.04 0.00	32.76 -2.20 0.00	36.93 -2.53 0.00	51.50 -3.88 0.00	62.78 -6.06 0.00	46.82 -4.52 0.00	34.11 -2.89 0.00	30.19 -2.66 0.00	26.59 -2.47 0.00	25.08 -2.12 0.00	24.25 -2.05 0.00	23.76 -2.09 0.00	26.29 -2.41 0.00	28.83 -2.68 0.00	34.52 -3.54 0.00	43.35 -4.13 0.00	53.59 -4.60 0.00	46.38 -4.59 0.00	36.59 -4.48 0.00	34.31 -3.35 0.00	32.11 -3.10 0.00
LOCKPORT___CC2 323770	37.11 -1.91 0.00	34.73 -1.83 0.00	32.56 -1.97 0.00	32.02 -2.04 0.00	32.76 -2.20 0.00	36.93 -2.53 0.00	51.50 -3.88 0.00	62.78 -6.06 0.00	46.82 -4.52 0.00	34.11 -2.89 0.00	30.19 -2.66 0.00	26.59 -2.47 0.00	25.08 -2.12 0.00	24.25 -2.05 0.00	23.76 -2.09 0.00	26.29 -2.41 0.00	28.83 -2.68 0.00	34.52 -3.54 0.00	43.35 -4.13 0.00	53.59 -4.60 0.00	46.38 -4.59 0.00	36.59 -4.48 0.00	34.31 -3.35 0.00	32.11 -3.10 0.00
LOCKPORT___CC3 323771	37.11 -1.91 0.00	34.73 -1.83 0.00	32.56 -1.97 0.00	32.02 -2.04 0.00	32.76 -2.20 0.00	36.93 -2.53 0.00	51.50 -3.88 0.00	62.78 -6.06 0.00	46.82 -4.52 0.00	34.11 -2.89 0.00	30.19 -2.66 0.00	26.59 -2.47 0.00	25.08 -2.12 0.00	24.25 -2.05 0.00	23.76 -2.09 0.00	26.29 -2.41 0.00	28.83 -2.68 0.00	34.52 -3.54 0.00	43.35 -4.13 0.00	53.59 -4.60 0.00	46.38 -4.59 0.00	36.59 -4.48 0.00	34.31 -3.35 0.00	32.11 -3.10 0.00
LONG_LAKE_PHOENIX 24014	38.04 -0.98 0.00	35.64 -0.91 0.00	33.63 -0.90 0.00	33.11 -0.95 0.00	33.95 -1.01 0.00	38.16 -1.30 0.00	53.71 -1.66 0.00	66.77 -2.07 0.00	49.59 -1.75 0.00	35.77 -1.22 0.00	31.77 -1.08 0.00	28.13 -0.93 0.00	26.33 -0.87 0.00	25.48 -0.82 0.00	25.00 -0.85 0.00	27.75 -0.95 0.00	30.47 -1.04 0.00	36.68 -1.37 0.00	45.87 -1.61 0.00	56.39 -1.80 0.00	49.24 -1.73 0.00	39.59 -1.48 0.00	36.35 -1.32 0.00	34.04 -1.16 0.00
LOVETT___3 23632	39.88 0.86 0.00	37.28 0.73 0.00	35.14 0.62 0.00	34.74 0.68 0.00	35.77 0.80 0.00	40.53 1.07 0.00	57.09 1.72 0.00	71.59 2.75 0.00	53.44 2.10 0.00	38.55 1.55 0.00	34.26 1.41 0.00	30.36 1.31 0.00	28.45 1.25 0.00	27.48 1.18 0.00	27.06 1.21 0.00	30.02 1.32 0.00	32.89 1.39 0.00	39.77 1.71 0.00	49.38 1.90 0.00	60.40 2.21 0.00	53.01 2.04 0.00	42.79 1.72 0.00	39.17 1.51 0.00	36.44 1.23 0.00
LOVETT___4 23642	39.88 0.86 0.00	37.28 0.73 0.00	35.14 0.62 0.00	34.74 0.68 0.00	35.77 0.80 0.00	40.53 1.07 0.00	57.09 1.72 0.00	71.59 2.75 0.00	53.44 2.10 0.00	38.55 1.55 0.00	34.26 1.41 0.00	30.36 1.31 0.00	28.45 1.25 0.00	27.48 1.18 0.00	27.06 1.21 0.00	30.02 1.32 0.00	32.89 1.39 0.00	39.77 1.71 0.00	49.38 1.90 0.00	60.40 2.21 0.00	53.01 2.04 0.00	42.79 1.72 0.00	39.17 1.51 0.00	36.44 1.23 0.00
LOVETT___5 23593	39.88 0.86 0.00	37.28 0.73 0.00	35.14 0.62 0.00	34.74 0.68 0.00	35.77 0.80 0.00	40.53 1.07 0.00	57.09 1.72 0.00	71.59 2.75 0.00	53.44 2.10 0.00	38.55 1.55 0.00	34.26 1.41 0.00	30.36 1.31 0.00	28.45 1.25 0.00	27.48 1.18 0.00	27.06 1.21 0.00	30.02 1.32 0.00	32.89 1.39 0.00	39.77 1.71 0.00	49.38 1.90 0.00	60.40 2.21 0.00	53.01 2.04 0.00	42.79 1.72 0.00	39.17 1.51 0.00	36.44 1.23 0.00
LOWER RAQUET___HYD 24057	39.06 0.04 0.00	36.70 0.15 0.00	34.73 0.21 0.00	34.33 0.27 0.00	35.14 0.18 0.00	39.70 0.24 0.00	55.54 0.17 0.00	69.04 0.21 0.00	51.49 0.15 0.00	36.92 -0.07 0.00	32.62 -0.23 0.00	28.74 -0.32 0.00	26.88 -0.33 0.00	25.98 -0.31 0.00	25.51 -0.34 0.00	28.38 -0.32 0.00	31.13 -0.38 0.00	37.83 -0.23 0.00	47.34 -0.14 0.00	58.31 0.12 0.00	51.07 0.10 0.00	41.03 -0.04 0.00	37.51 -0.15 0.00	34.92 -0.28 0.00
LOWER___HUDSON 24059	39.80 0.78 0.00	37.21 0.66 0.00	35.18 0.65 0.00	34.78 0.72 0.00	35.77 0.80 0.00	40.53 1.07 0.00	56.92 1.55 0.00	70.76 1.92 0.00	52.67 1.33 0.00	37.88 0.89 0.00	33.61 0.76 0.00	29.70 0.64 0.00	27.75 0.54 0.00	26.82 0.53 0.00	26.37 0.52 0.00	29.30 0.60 0.00	32.30 0.79 0.00	39.24 1.18 0.00	48.86 1.38 0.00	59.76 1.57 0.00	52.45 1.48 0.00	42.46 1.40 0.00	38.87 1.20 0.00	36.43 1.23 0.00
LOWVILLE_115KV_TB2 356335	39.61 0.59 0.00	37.17 0.62 0.00	35.11 0.59 0.00	34.67 0.61 0.00	35.52 0.56 0.00	40.09 0.63 0.00	56.59 1.22 0.00	70.62 1.79 0.00	52.16 0.82 0.00	36.99 0.00 0.00	32.62 -0.23 0.00	28.65 -0.41 0.00	26.82 -0.38 0.00	25.93 -0.37 0.00	25.46 -0.39 0.00	28.38 -0.32 0.00	31.16 -0.35 0.00	38.13 0.08 0.00	47.86 0.38 0.00	59.36 1.16 0.00	51.94 0.97 0.00	41.76 0.70 0.00	37.78 0.11 0.00	35.06 -0.14 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.19 1.17 0.00	37.65 1.10 0.00	35.56 1.04 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.00 1.54 0.00	57.87 2.49 0.00	72.00 3.17 0.00	53.39 2.05 0.00	38.07 1.07 0.00	33.67 0.82 0.00	29.64 0.58 0.00	27.69 0.49 0.00	26.69 0.39 0.00	26.26 0.41 0.00	29.27 0.57 0.00	32.30 0.79 0.00	39.42 1.37 0.00	49.24 1.76 0.00	60.40 2.21 0.00	53.01 2.04 0.00	42.79 1.72 0.00	39.21 1.54 0.00	36.65 1.44 0.00

LUTHERNY_35_KV_BK2 355980	40.23 1.21 0.00	37.65 1.10 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.19 1.22 0.00	41.04 1.58 0.00	57.87 2.49 0.00	72.07 3.24 0.00	53.39 2.05 0.00	38.07 1.07 0.00	33.67 0.82 0.00	29.64 0.58 0.00	27.69 0.49 0.00	26.69 0.39 0.00	26.26 0.41 0.00	29.30 0.60 0.00	32.30 0.79 0.00	39.42 1.37 0.00	49.29 1.80 0.00	60.46 2.27 0.00	53.06 2.09 0.00	42.83 1.77 0.00	39.21 1.54 0.00	36.65 1.44 0.00
LWR___OSWEGATCHIE_HYD 23850	38.98 -0.04 0.00	36.63 0.07 0.00	34.63 0.10 0.00	34.23 0.17 0.00	35.03 0.07 0.00	39.58 0.12 0.00	55.60 0.22 0.00	69.25 0.41 0.00	51.39 0.05 0.00	36.59 -0.41 0.00	32.29 -0.56 0.00	28.42 -0.64 0.00	26.58 -0.63 0.00	25.69 -0.60 0.00	25.23 -0.62 0.00	28.09 -0.60 0.00	30.85 -0.66 0.00	37.64 -0.42 0.00	47.20 -0.28 0.00	58.31 0.12 0.00	51.07 0.10 0.00	41.07 0.00 0.00	37.36 -0.30 0.00	34.71 -0.49 0.00
LYONS_FALL_HYD 23570	39.68 0.66 0.00	37.21 0.66 0.00	35.14 0.62 0.00	34.70 0.65 0.00	35.56 0.59 0.00	40.13 0.67 0.00	56.59 1.22 0.00	70.69 1.86 0.00	52.31 0.97 0.00	37.18 0.19 0.00	32.85 0.00 0.00	28.88 -0.17 0.00	27.04 -0.16 0.00	26.14 -0.16 0.00	25.67 -0.18 0.00	28.58 -0.11 0.00	31.38 -0.13 0.00	38.32 0.27 0.00	48.06 0.57 0.00	59.42 1.22 0.00	51.99 1.02 0.00	41.84 0.78 0.00	38.00 0.34 0.00	35.31 0.11 0.00
MADISON___COUNTY_LFGE 323628	39.92 0.90 0.00	37.47 0.91 0.00	35.32 0.79 0.00	34.84 0.78 0.00	35.73 0.77 0.00	40.33 0.87 0.00	56.93 1.55 0.00	70.97 2.13 0.00	52.57 1.23 0.00	37.51 0.52 0.00	33.14 0.30 0.00	29.17 0.12 0.00	27.31 0.11 0.00	26.40 0.11 0.00	25.93 0.08 0.00	28.84 0.14 0.00	31.67 0.16 0.00	38.59 0.53 0.00	48.34 0.85 0.00	59.59 1.40 0.00	52.14 1.17 0.00	41.93 0.86 0.00	38.34 0.68 0.00	35.73 0.53 0.00
MALONE___115KV_TB1 356076	40.11 1.09 0.00	37.76 1.21 0.00	35.77 1.24 0.00	35.39 1.33 0.00	36.26 1.29 0.00	41.00 1.54 0.00	57.09 1.72 0.00	70.69 1.86 0.00	53.03 1.69 0.00	38.25 1.26 0.00	33.80 0.95 0.00	29.81 0.76 0.00	27.86 0.65 0.00	26.93 0.63 0.00	26.44 0.59 0.00	29.39 0.69 0.00	32.26 0.76 0.00	39.08 1.03 0.00	48.91 1.42 0.00	60.11 1.92 0.00	52.55 1.58 0.00	42.09 1.03 0.00	38.53 0.87 0.00	35.87 0.67 0.00
MAPLEWOD_115KV_TB3 80458	39.64 0.62 0.00	37.10 0.55 0.00	35.11 0.59 0.00	34.71 0.65 0.00	35.63 0.66 0.00	40.60 1.14 0.00	57.04 1.66 0.00	71.04 2.20 0.00	52.88 1.54 0.00	37.99 1.00 0.00	33.80 0.95 0.00	29.87 0.81 0.00	27.91 0.71 0.00	26.96 0.66 0.00	26.49 0.65 0.00	29.47 0.77 0.00	32.45 0.95 0.00	39.31 1.26 0.00	48.67 1.19 0.00	59.53 1.34 0.00	52.24 1.27 0.00	42.26 1.19 0.00	38.72 1.05 0.00	36.26 1.06 0.00
MAPLE_RIDGE_WT_1 323574	39.02 0.00 0.00	36.59 0.04 0.00	34.59 0.07 0.00	34.16 0.10 0.00	35.07 0.11 0.00	39.62 0.16 0.00	55.54 0.17 0.00	68.97 0.14 0.00	51.44 0.10 0.00	37.03 0.04 0.00	32.88 0.03 0.00	29.06 0.00 0.00	27.18 -0.03 0.00	26.25 -0.05 0.00	25.80 -0.05 0.00	28.64 -0.06 0.00	31.48 -0.03 0.00	38.09 0.04 0.00	47.53 0.05 0.00	58.13 -0.06 0.00	50.82 -0.15 0.00	40.86 -0.20 0.00	37.44 -0.22 0.00	34.89 -0.32 0.00
MAPLE_RIDGE_WT_2 323611	39.02 0.00 0.00	36.59 0.04 0.00	34.59 0.07 0.00	34.16 0.10 0.00	35.07 0.11 0.00	39.62 0.16 0.00	55.54 0.17 0.00	68.97 0.14 0.00	51.44 0.10 0.00	37.03 0.04 0.00	32.88 0.03 0.00	29.06 0.00 0.00	27.18 -0.03 0.00	26.25 -0.05 0.00	25.80 -0.05 0.00	28.64 -0.06 0.00	31.48 -0.03 0.00	38.09 0.04 0.00	47.53 0.05 0.00	58.13 -0.06 0.00	50.82 -0.15 0.00	40.86 -0.20 0.00	37.44 -0.22 0.00	34.89 -0.32 0.00
MARBLE_RIVER_WT_PWR 323696	40.46 1.44 0.00	38.20 1.65 0.00	36.32 1.79 0.00	35.97 1.91 0.00	36.92 1.96 0.00	41.79 2.33 0.00	57.53 2.16 0.00	70.35 1.51 0.00	53.39 2.06 0.00	38.99 2.00 0.00	34.46 1.61 0.00	30.42 1.37 0.00	28.40 1.20 0.00	27.43 1.13 0.00	26.93 1.09 0.00	29.93 1.23 0.00	32.86 1.35 0.00	39.77 1.71 0.00	49.72 2.23 0.00	60.93 2.74 0.00	53.21 2.24 0.00	42.59 1.52 0.00	39.06 1.39 0.00	36.33 1.13 0.00
MARSHVLE_115KV_TB1 80742	41.52 2.50 0.00	38.89 2.34 0.00	36.56 2.04 0.00	36.20 2.15 0.00	37.31 2.34 0.00	42.74 3.28 0.00	60.53 5.15 0.00	74.48 5.64 0.00	54.16 2.82 0.00	37.77 0.78 0.00	33.18 0.33 0.00	29.14 0.09 0.00	27.45 0.24 0.00	26.59 0.29 0.00	26.06 0.21 0.00	29.24 0.55 0.00	32.52 1.01 0.00	40.19 2.13 0.00	50.48 2.99 0.00	62.27 4.07 0.00	54.59 3.62 0.00	44.11 3.04 0.00	40.30 2.64 0.00	37.49 2.29 0.00
MARSH_HILL_WT_PWR 323713	38.24 -0.78 0.00	35.93 -0.62 0.00	33.80 -0.73 0.00	33.21 -0.85 0.00	34.02 -0.94 0.00	38.36 -1.10 0.00	54.27 -1.11 0.00	66.98 -1.86 0.00	49.44 -1.90 0.00	35.44 -1.55 0.00	31.24 -1.61 0.00	27.54 -1.51 0.00	25.92 -1.28 0.00	25.09 -1.21 0.00	24.58 -1.27 0.00	27.29 -1.41 0.00	29.96 -1.54 0.00	36.42 -1.64 0.00	46.25 -1.23 0.00	57.15 -1.05 0.00	49.64 -1.33 0.00	39.26 -1.81 0.00	36.16 -1.51 0.00	33.76 -1.44 0.00
MCINTYRE_115KV_TB2 80467	40.03 1.01 0.00	37.65 1.10 0.00	35.63 1.10 0.00	35.25 1.19 0.00	36.05 1.08 0.00	40.72 1.26 0.00	57.04 1.66 0.00	70.83 2.00 0.00	52.67 1.33 0.00	37.59 0.59 0.00	33.21 0.36 0.00	29.23 0.17 0.00	27.31 0.11 0.00	26.43 0.13 0.00	25.95 0.10 0.00	28.90 0.20 0.00	31.70 0.19 0.00	38.63 0.57 0.00	48.39 0.90 0.00	59.76 1.57 0.00	52.29 1.33 0.00	42.05 0.99 0.00	38.45 0.79 0.00	35.77 0.56 0.00
MECO_____69_KV_BK1 80468	41.71 2.69 0.00	39.08 2.52 0.00	36.80 2.28 0.00	36.48 2.42 0.00	37.59 2.62 0.00	43.09 3.63 0.00	61.02 5.65 0.00	75.37 6.54 0.00	54.93 3.59 0.00	38.29 1.29 0.00	33.67 0.82 0.00	29.55 0.49 0.00	27.75 0.54 0.00	26.82 0.53 0.00	26.34 0.49 0.00	29.56 0.86 0.00	32.80 1.29 0.00	40.53 2.47 0.00	50.90 3.42 0.00	62.85 4.66 0.00	55.10 4.13 0.00	44.39 3.33 0.00	40.56 2.90 0.00	37.74 2.53 0.00
MENANDS___115KV_TB5 355628	39.49 0.47 0.00	36.96 0.40 0.00	34.97 0.45 0.00	34.57 0.51 0.00	35.49 0.52 0.00	40.29 0.83 0.00	56.48 1.11 0.00	70.35 1.51 0.00	52.41 1.08 0.00	37.73 0.74 0.00	33.60 0.76 0.00	29.73 0.67 0.00	27.80 0.60 0.00	26.85 0.55 0.00	26.39 0.54 0.00	29.33 0.63 0.00	32.26 0.76 0.00	39.04 0.99 0.00	48.48 1.00 0.00	59.24 1.05 0.00	52.04 1.07 0.00	42.09 1.03 0.00	38.57 0.90 0.00	36.15 0.95 0.00
MG INDUSTRY___DRP 24185	39.64 0.62 0.00	37.14 0.58 0.00	35.11 0.59 0.00	34.71 0.65 0.00	35.66 0.70 0.00	40.33 0.87 0.00	56.59 1.22 0.00	70.28 1.45 0.00	52.26 0.92 0.00	37.51 0.52 0.00	33.31 0.46 0.00	29.43 0.38 0.00	27.53 0.33 0.00	26.59 0.29 0.00	26.16 0.31 0.00	29.07 0.37 0.00	31.98 0.47 0.00	38.78 0.72 0.00	48.43 0.95 0.00	59.30 1.11 0.00	52.04 1.07 0.00	42.05 0.99 0.00	38.57 0.90 0.00	36.12 0.92 0.00

MID___OSWEGATCHIE_HYD 23849	38.98 -0.04 0.00	36.63 0.07 0.00	34.63 0.10 0.00	34.23 0.17 0.00	35.03 0.07 0.00	39.58 0.12 0.00	55.60 0.22 0.00	69.25 0.41 0.00	51.39 0.05 0.00	36.59 -0.41 0.00	32.29 -0.56 0.00	28.42 -0.64 0.00	26.58 -0.63 0.00	25.69 -0.60 0.00	25.23 -0.62 0.00	28.09 -0.60 0.00	30.85 -0.66 0.00	37.64 -0.42 0.00	47.20 -0.28 0.00	58.31 0.12 0.00	51.07 0.10 0.00	41.07 0.00 0.00	37.36 -0.30 0.00	34.71 -0.49 0.00
MID___RAQUETTE_HYD 23851	39.06 0.04 0.00	36.70 0.15 0.00	34.73 0.21 0.00	34.33 0.27 0.00	35.14 0.17 0.00	39.70 0.24 0.00	55.54 0.17 0.00	69.04 0.21 0.00	51.49 0.15 0.00	36.92 -0.07 0.00	32.62 -0.23 0.00	28.74 -0.32 0.00	26.88 -0.33 0.00	25.98 -0.32 0.00	25.51 -0.34 0.00	28.38 -0.32 0.00	31.13 -0.38 0.00	37.83 -0.23 0.00	47.34 -0.14 0.00	58.31 0.12 0.00	51.07 0.10 0.00	41.03 -0.04 0.00	37.51 -0.15 0.00	34.92 -0.28 0.00
MILLIKEN___1 23584	39.53 0.51 0.00	37.03 0.48 0.00	34.90 0.38 0.00	34.37 0.31 0.00	35.28 0.31 0.00	39.78 0.32 0.00	56.21 0.83 0.00	69.80 0.96 0.00	51.59 0.26 0.00	37.03 0.04 0.00	32.72 -0.13 0.00	28.85 -0.20 0.00	27.01 -0.19 0.00	26.11 -0.18 0.00	25.64 -0.21 0.00	28.50 -0.20 0.00	31.32 -0.19 0.00	37.98 -0.08 0.00	47.72 0.24 0.00	58.77 0.58 0.00	51.33 0.36 0.00	41.15 0.08 0.00	37.70 0.04 0.00	35.24 0.04 0.00
MILLIKEN___2 23585	39.53 0.51 0.00	37.03 0.48 0.00	34.90 0.38 0.00	34.37 0.31 0.00	35.28 0.31 0.00	39.78 0.32 0.00	56.21 0.83 0.00	69.80 0.96 0.00	51.59 0.26 0.00	37.03 0.04 0.00	32.72 -0.13 0.00	28.85 -0.20 0.00	27.01 -0.19 0.00	26.11 -0.18 0.00	25.64 -0.21 0.00	28.50 -0.20 0.00	31.32 -0.19 0.00	37.98 -0.08 0.00	47.72 0.24 0.00	58.77 0.58 0.00	51.33 0.36 0.00	41.15 0.08 0.00	37.70 0.04 0.00	35.24 0.04 0.00
MILLIKEN___DIESEL 23629	39.53 0.51 0.00	37.03 0.48 0.00	34.90 0.38 0.00	34.37 0.31 0.00	35.28 0.31 0.00	39.78 0.32 0.00	56.21 0.83 0.00	69.80 0.96 0.00	51.59 0.26 0.00	37.03 0.04 0.00	32.72 -0.13 0.00	28.85 -0.20 0.00	27.01 -0.19 0.00	26.11 -0.18 0.00	25.64 -0.21 0.00	28.50 -0.20 0.00	31.32 -0.19 0.00	37.98 -0.08 0.00	47.72 0.24 0.00	58.77 0.58 0.00	51.33 0.36 0.00	41.15 0.08 0.00	37.70 0.04 0.00	35.24 0.04 0.00
MILLSEAT___LFGE 323607	37.97 -1.05 0.00	35.53 -1.02 0.00	33.35 -1.17 0.00	32.76 -1.29 0.00	33.57 -1.40 0.00	37.88 -1.58 0.00	53.05 -2.32 0.00	64.91 -3.92 0.00	48.36 -2.98 0.00	34.96 -2.03 0.00	30.88 -1.97 0.00	27.11 -1.95 0.00	25.57 -1.63 0.00	24.72 -1.58 0.00	24.19 -1.65 0.00	26.83 -1.86 0.00	29.43 -2.08 0.00	35.43 -2.63 0.00	44.68 -2.80 0.00	55.28 -2.91 0.00	47.86 -3.11 0.00	37.78 -3.29 0.00	35.37 -2.30 0.00	32.92 -2.29 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.03 1.01 0.00	37.43 0.88 0.00	35.32 0.79 0.00	34.91 0.85 0.00	35.91 0.94 0.00	40.72 1.26 0.00	57.37 1.99 0.00	71.86 3.03 0.00	53.65 2.31 0.00	38.69 1.70 0.00	34.39 1.54 0.00	30.48 1.42 0.00	28.56 1.36 0.00	27.59 1.29 0.00	27.17 1.32 0.00	30.16 1.46 0.00	33.05 1.54 0.00	39.96 1.90 0.00	49.67 2.18 0.00	60.69 2.50 0.00	53.26 2.29 0.00	43.00 1.93 0.00	39.36 1.69 0.00	36.61 1.41 0.00
MILLWOOD_13_KV_LOAD 356217	40.15 1.13 0.00	37.50 0.95 0.00	35.39 0.86 0.00	34.98 0.92 0.00	35.98 1.01 0.00	40.84 1.38 0.00	57.54 2.16 0.00	72.07 3.24 0.00	53.80 2.46 0.00	38.77 1.78 0.00	34.46 1.61 0.00	30.51 1.45 0.00	28.62 1.41 0.00	27.64 1.34 0.00	27.22 1.37 0.00	30.22 1.52 0.00	33.11 1.61 0.00	40.07 2.02 0.00	49.81 2.33 0.00	60.87 2.68 0.00	53.42 2.45 0.00	43.12 2.05 0.00	39.47 1.81 0.00	36.68 1.48 0.00
MODEL_CITY_ENERGY 24167	36.72 -2.30 0.00	34.36 -2.19 0.00	32.21 -2.31 0.00	31.67 -2.39 0.00	32.41 -2.55 0.00	36.54 -2.92 0.00	50.89 -4.48 0.00	62.02 -6.82 0.00	46.31 -5.03 0.00	33.74 -3.26 0.00	29.89 -2.96 0.00	26.36 -2.70 0.00	24.84 -2.37 0.00	24.01 -2.29 0.00	23.52 -2.33 0.00	26.06 -2.64 0.00	28.54 -2.96 0.00	34.14 -3.92 0.00	42.88 -4.61 0.00	52.95 -5.24 0.00	45.82 -5.15 0.00	36.18 -4.89 0.00	33.97 -3.69 0.00	31.75 -3.45 0.00
MODERN_LFGE___ 323580	36.72 -2.30 0.00	34.36 -2.19 0.00	32.21 -2.31 0.00	31.67 -2.39 0.00	32.41 -2.55 0.00	36.54 -2.92 0.00	50.89 -4.48 0.00	62.02 -6.82 0.00	46.31 -5.03 0.00	33.74 -3.26 0.00	29.89 -2.96 0.00	26.36 -2.70 0.00	24.84 -2.37 0.00	24.01 -2.29 0.00	23.52 -2.33 0.00	26.06 -2.64 0.00	28.54 -2.96 0.00	34.14 -3.92 0.00	42.88 -4.61 0.00	52.95 -5.24 0.00	45.82 -5.15 0.00	36.18 -4.89 0.00	33.97 -3.69 0.00	31.75 -3.45 0.00
MOHAWK_PAPER___DRP 24187	39.64 0.62 0.00	37.10 0.55 0.00	35.11 0.59 0.00	34.71 0.65 0.00	35.63 0.66 0.00	40.60 1.14 0.00	57.04 1.66 0.00	71.04 2.20 0.00	52.88 1.54 0.00	37.99 1.00 0.00	33.80 0.95 0.00	29.87 0.81 0.00	27.91 0.71 0.00	26.96 0.66 0.00	26.49 0.65 0.00	29.47 0.77 0.00	32.45 0.95 0.00	39.31 1.26 0.00	48.67 1.19 0.00	59.53 1.34 0.00	52.24 1.27 0.00	42.26 1.19 0.00	38.72 1.05 0.00	36.26 1.06 0.00
MOHICAN___35_KV_115KV_LD 80490	39.96 0.94 0.00	37.39 0.84 0.00	35.32 0.79 0.00	34.94 0.89 0.00	36.01 1.05 0.00	40.84 1.38 0.00	57.76 2.38 0.00	72.00 3.17 0.00	53.24 1.90 0.00	37.77 0.78 0.00	33.34 0.49 0.00	29.32 0.26 0.00	27.39 0.19 0.00	26.35 0.05 0.00	25.90 0.05 0.00	28.96 0.26 0.00	31.98 0.47 0.00	39.16 1.10 0.00	48.96 1.47 0.00	60.17 1.98 0.00	52.80 1.83 0.00	42.63 1.56 0.00	38.98 1.32 0.00	36.40 1.20 0.00
MONGAUP___HYD 23641	40.00 0.98 0.00	37.39 0.84 0.00	35.25 0.73 0.00	34.84 0.78 0.00	35.84 0.87 0.00	40.61 1.15 0.00	56.98 1.61 0.00	70.62 1.79 0.00	52.42 1.08 0.00	37.88 0.89 0.00	33.74 0.89 0.00	29.84 0.78 0.00	27.96 0.76 0.00	27.03 0.74 0.00	26.62 0.77 0.00	29.56 0.86 0.00	32.49 0.98 0.00	39.35 1.29 0.00	48.96 1.47 0.00	59.82 1.63 0.00	52.70 1.73 0.00	42.71 1.64 0.00	39.02 1.35 0.00	36.43 1.23 0.00
MONTAUK___DIESEL 23721	39.33 0.31 0.00	36.41 -0.15 0.00	34.49 -0.03 0.00	34.09 0.03 0.00	35.14 0.17 0.00	40.57 1.10 0.00	55.87 0.50 0.01	70.69 1.86 0.00	52.67 1.33 0.00	39.80 2.81 0.00	35.58 2.73 0.00	31.50 2.44 0.00	29.49 2.29 0.00	28.56 2.26 0.00	28.12 2.27 0.00	31.39 2.70 0.00	34.12 2.62 0.00	40.49 2.44 0.00	50.14 2.66 0.00	61.22 3.03 0.00	53.72 2.75 0.00	43.82 2.75 0.00	40.19 2.52 0.00	37.14 1.94 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.33 0.31 0.00	36.77 0.22 0.00	34.25 -0.28 0.00	33.55 -0.51 0.00	34.30 -0.66 0.00	38.47 -0.99 0.00	54.16 -1.22 0.00	65.74 -3.10 0.00	48.51 -2.82 0.00	35.44 -1.55 0.00	31.40 -1.45 0.00	27.78 -1.28 0.00	26.11 -1.09 0.00	25.40 -0.89 0.00	24.89 -0.96 0.00	27.61 -1.09 0.00	30.31 -1.20 0.00	36.57 -1.48 0.00	46.16 -1.33 0.00	57.09 -1.11 0.00	49.08 -1.89 0.00	38.31 -2.75 0.00	35.44 -2.22 0.00	32.99 -2.22 0.00

MORRIS_RIDGE___SOLAR 323848	38.01 -1.01 0.00	35.64 -0.91 0.00	33.52 -1.00 0.00	32.94 -1.12 0.00	33.74 -1.22 0.00	38.00 -1.46 0.00	53.44 -1.94 0.00	65.53 -3.30 0.00	48.31 -3.03 0.00	34.66 -2.33 0.00	30.55 -2.30 0.00	26.99 -2.06 0.00	25.41 -1.80 0.00	24.59 -1.71 0.00	24.12 -1.73 0.00	26.74 -1.95 0.00	29.33 -2.17 0.00	35.51 -2.55 0.00	45.11 -2.37 0.00	55.80 -2.39 0.00	48.37 -2.60 0.00	38.27 -2.79 0.00	35.41 -2.26 0.00	33.09 -2.11 0.00
MORTIMER_115KV_TB3 55949	37.81 -1.21 0.00	35.42 -1.13 0.00	33.25 -1.28 0.00	32.70 -1.36 0.00	33.57 -1.40 0.00	37.84 -1.62 0.00	53.05 -2.33 0.00	65.39 -3.44 0.00	48.56 -2.77 0.00	35.25 -1.74 0.00	31.24 -1.61 0.00	27.52 -1.54 0.00	25.79 -1.41 0.00	25.01 -1.29 0.00	24.53 -1.32 0.00	27.18 -1.52 0.00	29.87 -1.64 0.00	35.89 -2.17 0.00	45.11 -2.37 0.00	55.57 -2.62 0.00	48.32 -2.65 0.00	38.44 -2.63 0.00	35.67 -2.00 0.00	33.27 -1.94 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.35 1.33 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.15 1.09 0.00	36.15 1.19 0.00	41.04 1.58 0.00	57.76 2.38 0.00	72.48 3.65 0.00	54.16 2.82 0.00	39.14 2.15 0.00	34.82 1.97 0.00	30.86 1.80 0.00	28.94 1.74 0.00	27.93 1.63 0.00	27.50 1.65 0.00	30.53 1.84 0.00	33.43 1.92 0.00	40.38 2.32 0.00	50.14 2.66 0.00	61.22 3.03 0.00	53.77 2.80 0.00	43.41 2.34 0.00	39.70 2.03 0.00	36.93 1.72 0.00
MUNSVILLE_WIND_PWR 323609	41.75 2.73 0.00	39.26 2.70 0.00	37.01 2.49 0.00	36.58 2.52 0.00	37.48 2.52 0.00	42.34 2.88 0.00	60.25 4.87 0.00	75.30 6.47 0.00	55.19 3.85 0.00	38.62 1.63 0.00	33.77 0.92 0.00	29.52 0.46 0.00	27.66 0.46 0.00	26.72 0.42 0.00	26.18 0.34 0.00	29.33 0.63 0.00	32.20 0.69 0.00	39.81 1.75 0.00	50.29 2.80 0.00	62.61 4.42 0.00	54.54 3.57 0.00	43.61 2.55 0.00	39.81 2.15 0.00	36.93 1.72 0.00
N SALMON___HYD 24042	40.11 1.09 0.00	37.76 1.20 0.00	35.76 1.24 0.00	35.39 1.33 0.00	36.26 1.29 0.00	41.00 1.54 0.00	57.09 1.72 0.00	70.69 1.86 0.00	53.03 1.69 0.00	38.25 1.26 0.00	33.80 0.95 0.00	29.81 0.75 0.00	27.85 0.65 0.00	26.93 0.63 0.00	26.44 0.59 0.00	29.38 0.69 0.00	32.26 0.75 0.00	39.08 1.03 0.00	48.91 1.42 0.00	60.11 1.92 0.00	52.55 1.58 0.00	42.09 1.03 0.00	38.53 0.87 0.00	35.87 0.67 0.00
N.AKRON__115KV_KNAPP 355671	37.81 -1.21 0.00	35.42 -1.13 0.00	33.14 -1.38 0.00	32.56 -1.50 0.00	33.46 -1.50 0.00	37.76 -1.70 0.00	52.88 -2.49 0.00	64.64 -4.20 0.00	47.85 -3.49 0.00	34.88 -2.11 0.00	30.81 -2.04 0.00	27.08 -1.98 0.00	25.35 -1.85 0.00	24.64 -1.66 0.00	24.17 -1.68 0.00	26.72 -1.98 0.00	29.40 -2.11 0.00	35.31 -2.74 0.00	44.49 -2.99 0.00	55.05 -3.14 0.00	47.66 -3.31 0.00	37.62 -3.45 0.00	35.18 -2.49 0.00	32.81 -2.39 0.00
N.BELMOR_69_KV_BK1 55787	40.46 1.44 0.00	37.72 1.17 0.00	35.56 1.04 0.00	35.15 1.09 0.00	36.12 1.15 0.00	41.32 1.85 0.00	57.53 2.16 0.00	72.34 3.51 0.00	54.11 2.77 0.00	39.43 2.44 0.00	35.12 2.27 0.00	31.06 2.00 0.00	29.03 1.82 0.00	28.03 1.74 0.00	27.61 1.76 0.00	30.73 2.04 0.00	33.71 2.21 0.00	40.68 2.63 0.00	50.43 2.94 0.00	61.45 3.26 0.00	54.03 3.06 0.00	43.90 2.83 0.00	40.11 2.45 0.00	37.17 1.97 0.00
N.E_GEN_SANDY PD 24062	39.80 0.78 0.00	37.21 0.66 0.00	35.18 0.65 0.00	34.74 0.68 0.00	35.73 0.77 0.00	40.56 1.10 0.00	56.81 1.44 0.00	70.69 1.86 0.00	52.70 1.44 0.07	38.21 1.15 -0.07	33.90 1.05 0.00	29.99 0.93 0.00	28.07 0.87 0.00	27.14 0.84 0.00	26.70 0.85 0.00	29.62 0.92 0.00	32.61 1.10 0.00	39.50 1.45 0.00	49.10 1.62 0.00	59.88 1.69 0.00	52.60 1.63 0.00	42.63 1.56 0.00	39.06 1.39 0.00	36.57 1.37 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.92 0.90 0.00	37.28 0.73 0.00	35.18 0.66 0.00	34.77 0.72 0.00	35.77 0.80 0.00	40.57 1.10 0.00	57.20 1.83 0.00	71.73 2.89 0.00	53.54 2.21 0.00	38.55 1.55 0.00	34.23 1.38 0.00	30.34 1.28 0.00	28.43 1.22 0.00	27.46 1.16 0.00	27.06 1.21 0.00	30.02 1.32 0.00	32.89 1.39 0.00	39.77 1.71 0.00	49.43 1.95 0.00	60.46 2.27 0.00	53.06 2.09 0.00	42.83 1.77 0.00	39.17 1.51 0.00	36.47 1.27 0.00
N.QUEENS_27_KV_LOAD 356247	40.39 1.37 -0.01	37.73 1.17 -0.01	35.52 1.00 0.00	35.15 1.09 0.00	36.20 1.22 -0.01	41.03 1.58 0.01	57.65 2.27 0.00	72.41 3.58 0.00	54.31 2.98 0.01	39.28 2.29 0.01	34.98 2.14 0.01	31.02 1.98 0.01	29.10 1.90 0.01	28.11 1.81 0.01	27.68 1.84 0.01	30.70 2.01 0.01	33.61 2.11 0.01	40.56 2.51 0.01	50.33 2.85 0.01	61.28 3.08 0.00	53.82 2.85 0.01	43.48 2.42 0.01	39.77 2.11 0.01	36.96 1.76 0.01
N.TROY___115KV_TB1 355778	39.80 0.78 0.00	37.21 0.66 0.00	35.21 0.69 0.00	34.77 0.72 0.00	35.73 0.77 0.00	40.53 1.07 0.00	56.93 1.55 0.00	70.76 1.93 0.00	52.72 1.39 0.00	37.88 0.89 0.00	33.60 0.76 0.00	29.70 0.64 0.00	27.77 0.57 0.00	26.82 0.53 0.00	26.37 0.52 0.00	29.33 0.63 0.00	32.30 0.79 0.00	39.23 1.18 0.00	48.86 1.38 0.00	59.76 1.57 0.00	52.45 1.48 0.00	42.46 1.40 0.00	38.91 1.24 0.00	36.44 1.23 0.00
NARROWS_GT1_1 24228	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NARROWS_GT1_2 24229	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NARROWS_GT1_3 24230	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NARROWS_GT1_4 24231	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98

NARROWS_GT1_5 24232	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NARROWS_GT1_6 24233	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NARROWS_GT1_7 24234	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NARROWS_GT1_8 24235	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NARROWS_GT2_1 24236	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NARROWS_GT2_2 24237	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NARROWS_GT2_3 24238	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NARROWS_GT2_4 24239	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NARROWS_GT2_5 24240	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NARROWS_GT2_6 24241	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NARROWS_GT2_7 24242	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NARROWS_GT2_8 24243	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.19 1.17 0.00	37.61 1.06 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.19 1.22 0.00	40.96 1.50 0.00	57.70 2.33 0.00	71.59 2.75 0.00	52.93 1.59 0.00	37.70 0.70 0.00	33.37 0.53 0.00	29.43 0.38 0.00	27.53 0.33 0.00	26.59 0.29 0.00	26.16 0.31 0.00	29.13 0.43 0.00	32.07 0.57 0.00	39.01 0.95 0.00	48.91 1.42 0.00	60.11 1.92 0.00	52.70 1.73 0.00	42.59 1.52 0.00	38.98 1.32 0.00	36.65 1.44 0.00
NCHELSEA_115KV_TR2 355582	40.31 1.29 0.00	37.69 1.13 0.00	35.52 1.00 0.00	35.15 1.09 0.00	36.15 1.19 0.00	41.00 1.54 0.00	57.87 2.49 0.00	72.34 3.51 0.00	53.90 2.57 0.00	38.69 1.70 0.00	34.26 1.41 0.00	30.31 1.25 0.00	28.40 1.20 0.00	27.43 1.13 0.00	27.04 1.19 0.00	30.02 1.32 0.00	32.96 1.45 0.00	39.92 1.86 0.00	49.81 2.33 0.00	61.04 2.85 0.00	53.52 2.55 0.00	43.16 2.09 0.00	39.47 1.81 0.00	36.82 1.62 0.00
NEG CAPITAL___MECHNVIL 23645	40.27 1.25 0.00	37.69 1.13 0.00	35.59 1.07 0.00	35.18 1.12 0.00	36.22 1.26 0.00	41.08 1.62 0.00	57.92 2.55 0.00	72.07 3.24 0.00	53.44 2.11 0.00	38.18 1.18 0.00	33.77 0.92 0.00	29.75 0.70 0.00	27.77 0.57 0.00	26.80 0.50 0.00	26.37 0.52 0.00	29.38 0.69 0.00	32.42 0.91 0.00	39.54 1.48 0.00	49.39 1.90 0.00	60.58 2.39 0.00	53.16 2.19 0.00	42.92 1.85 0.00	39.28 1.62 0.00	36.72 1.51 0.00

NEG CENTRAL_HIGH_ACRES 23767	37.42 -1.60 0.00	35.05 -1.50 0.00	32.97 -1.55 0.00	32.46 -1.60 0.00	33.25 -1.71 0.00	37.49 -1.97 0.00	52.66 -2.71 0.00	65.18 -3.65 0.00	48.51 -2.82 0.00	35.00 -2.00 0.00	30.98 -1.87 0.00	27.28 -1.77 0.00	25.65 -1.55 0.00	24.80 -1.50 0.00	24.30 -1.55 0.00	26.98 -1.72 0.00	29.58 -1.92 0.00	35.66 -2.40 0.00	44.78 -2.70 0.00	55.16 -3.03 0.00	47.96 -3.01 0.00	38.23 -2.83 0.00	35.41 -2.26 0.00	33.02 -2.18 0.00
NEG CENTRAL____DRP 24199	38.75 -0.27 0.00	36.30 -0.26 0.00	34.18 -0.35 0.00	33.65 -0.41 0.00	34.55 -0.42 0.00	38.99 -0.47 0.00	54.88 -0.50 0.00	68.08 -0.76 0.00	50.46 -0.87 0.00	36.36 -0.63 0.00	32.16 -0.69 0.00	28.36 -0.70 0.00	26.55 -0.65 0.00	25.72 -0.58 0.00	25.23 -0.62 0.00	27.98 -0.72 0.00	30.75 -0.76 0.00	37.18 -0.88 0.00	46.72 -0.76 0.00	57.38 -0.81 0.00	50.15 -0.82 0.00	40.08 -0.99 0.00	36.84 -0.83 0.00	34.43 -0.77 0.00
NEG CENTRAL____INDECK 23768	39.10 0.08 0.00	36.63 0.07 0.00	34.45 -0.07 0.00	33.89 -0.17 0.00	34.68 -0.28 0.00	39.19 -0.27 0.00	55.27 -0.11 0.00	67.87 -0.96 0.00	49.85 -1.49 0.00	35.66 -1.33 0.00	31.40 -1.44 0.00	27.60 -1.45 0.00	25.98 -1.22 0.00	25.12 -1.18 0.00	24.63 -1.21 0.00	27.38 -1.32 0.00	30.12 -1.39 0.00	36.61 -1.45 0.00	46.58 -0.90 0.00	57.84 -0.35 0.00	50.21 -0.76 0.00	39.79 -1.27 0.00	36.80 -0.86 0.00	34.22 -0.99 0.00
NEG CENTRAL____SENECA 23627	38.86 -0.16 0.00	36.41 -0.15 0.00	34.25 -0.28 0.00	33.72 -0.34 0.00	34.62 -0.35 0.00	39.07 -0.39 0.00	55.04 -0.33 0.00	68.08 -0.76 0.00	50.52 -0.82 0.00	36.33 -0.67 0.00	32.06 -0.79 0.00	28.24 -0.81 0.00	26.47 -0.73 0.00	25.64 -0.66 0.00	25.15 -0.70 0.00	27.89 -0.80 0.00	30.66 -0.85 0.00	37.14 -0.91 0.00	46.82 -0.66 0.00	57.44 -0.76 0.00	50.20 -0.76 0.00	40.04 -1.03 0.00	36.80 -0.87 0.00	34.39 -0.81 0.00
NEG CENTRAL____STATE_STREET 24147	38.82 -0.20 0.00	36.37 -0.18 0.00	34.28 -0.24 0.00	33.72 -0.34 0.00	34.62 -0.35 0.00	38.99 -0.47 0.00	55.04 -0.33 0.00	68.42 -0.41 0.00	50.77 -0.56 0.00	36.59 -0.41 0.00	32.39 -0.46 0.00	28.59 -0.46 0.00	26.79 -0.41 0.00	25.93 -0.37 0.00	25.43 -0.41 0.00	28.24 -0.46 0.00	31.00 -0.50 0.00	37.45 -0.61 0.00	46.96 -0.52 0.00	57.73 -0.47 0.00	50.41 -0.56 0.00	40.41 -0.66 0.00	37.06 -0.60 0.00	34.64 -0.56 0.00
NEG MILLWOOD____DRP 24198	40.46 1.44 0.00	37.80 1.24 0.00	35.66 1.14 0.00	35.32 1.26 0.00	36.33 1.36 0.00	41.24 1.78 0.00	58.20 2.82 0.00	72.76 3.92 0.00	54.21 2.87 0.00	38.92 1.92 0.00	34.49 1.64 0.00	30.48 1.42 0.00	28.59 1.39 0.00	27.64 1.34 0.00	27.22 1.37 0.00	30.25 1.55 0.00	33.21 1.70 0.00	40.22 2.17 0.00	50.10 2.61 0.00	61.39 3.20 0.00	53.82 2.85 0.00	43.41 2.34 0.00	39.70 2.03 0.00	36.96 1.76 0.00
NEG NORTH_FLCN_SEA 23793	40.62 1.60 0.00	38.31 1.75 0.00	36.39 1.86 0.00	36.03 1.98 0.00	36.96 1.99 0.00	41.79 2.33 0.00	57.48 2.10 0.00	70.14 1.31 0.00	53.34 2.00 0.00	39.03 2.03 0.00	34.49 1.64 0.00	30.42 1.37 0.00	28.43 1.22 0.00	27.48 1.18 0.00	26.99 1.14 0.00	29.96 1.26 0.00	32.89 1.39 0.00	39.84 1.79 0.00	49.81 2.33 0.00	61.04 2.85 0.00	53.37 2.40 0.00	42.71 1.64 0.00	39.13 1.47 0.00	36.44 1.23 0.00
NEG NORTH_KES_CHATEGAY 23792	40.00 0.98 0.00	37.61 1.06 0.00	35.66 1.14 0.00	35.25 1.19 0.00	36.15 1.19 0.00	40.88 1.42 0.00	56.76 1.38 0.00	70.00 1.17 0.00	52.62 1.28 0.00	38.10 1.11 0.00	33.70 0.85 0.00	29.75 0.70 0.00	27.83 0.63 0.00	26.90 0.60 0.00	26.44 0.59 0.00	29.36 0.66 0.00	32.23 0.72 0.00	39.01 0.95 0.00	48.72 1.23 0.00	59.76 1.57 0.00	52.24 1.27 0.00	41.93 0.86 0.00	38.42 0.75 0.00	35.80 0.60 0.00
NEG NORTH____ALICE_FALLS 23915	40.70 1.68 0.00	38.38 1.83 0.00	36.42 1.90 0.00	36.07 2.01 0.00	36.99 2.03 0.00	41.83 2.37 0.00	57.76 2.38 0.00	70.83 2.00 0.00	53.60 2.26 0.00	39.03 2.03 0.00	34.49 1.64 0.00	30.42 1.37 0.00	28.43 1.22 0.00	27.48 1.18 0.00	26.96 1.11 0.00	29.96 1.26 0.00	32.93 1.42 0.00	39.88 1.83 0.00	49.86 2.37 0.00	61.22 3.03 0.00	53.47 2.50 0.00	42.79 1.72 0.00	39.21 1.54 0.00	36.44 1.23 0.00
NEG NORTH____LWR_SARANAC 23913	40.70 1.68 0.00	38.38 1.83 0.00	36.42 1.90 0.00	36.07 2.01 0.00	36.99 2.03 0.00	41.83 2.37 0.00	57.76 2.38 0.00	70.83 2.00 0.00	53.60 2.26 0.00	39.03 2.03 0.00	34.49 1.64 0.00	30.42 1.37 0.00	28.43 1.22 0.00	27.48 1.18 0.00	26.96 1.11 0.00	29.96 1.26 0.00	32.93 1.42 0.00	39.88 1.83 0.00	49.86 2.37 0.00	61.22 3.03 0.00	53.47 2.50 0.00	42.79 1.72 0.00	39.21 1.54 0.00	36.44 1.23 0.00
NEG NORTH____PLATTSBURG 23628	40.70 1.68 0.00	38.38 1.83 0.00	36.42 1.90 0.00	36.07 2.01 0.00	36.99 2.03 0.00	41.83 2.37 0.00	57.76 2.38 0.00	70.83 2.00 0.00	53.59 2.26 0.00	39.03 2.03 0.00	34.49 1.64 0.00	30.42 1.37 0.00	28.43 1.23 0.00	27.48 1.18 0.00	26.96 1.11 0.00	29.96 1.26 0.00	32.93 1.42 0.00	39.88 1.83 0.00	49.86 2.37 0.00	61.22 3.02 0.00	53.47 2.50 0.00	42.79 1.72 0.00	39.21 1.54 0.00	36.43 1.23 0.00
NEG WEST_LEA_LOCKPORT 23791	37.07 -1.95 0.00	34.73 -1.83 0.00	32.49 -2.04 0.00	31.91 -2.15 0.00	32.76 -2.20 0.00	36.94 -2.53 0.00	51.50 -3.88 0.00	62.78 -6.06 0.00	46.46 -4.88 0.00	34.11 -2.89 0.00	30.19 -2.66 0.00	26.59 -2.47 0.00	24.89 -2.31 0.00	24.22 -2.08 0.00	23.75 -2.09 0.00	26.23 -2.47 0.00	28.83 -2.68 0.00	34.52 -3.54 0.00	43.35 -4.13 0.00	53.59 -4.60 0.00	46.38 -4.59 0.00	36.59 -4.48 0.00	34.27 -3.39 0.00	32.11 -3.10 0.00
NEG WEST____LANCASTR 23811	38.59 -0.43 0.00	36.19 -0.37 0.00	33.87 -0.66 0.00	33.28 -0.78 0.00	34.20 -0.77 0.00	38.51 -0.95 0.00	54.16 -1.22 0.00	65.81 -3.03 0.00	48.72 -2.62 0.00	35.51 -1.48 0.00	31.44 -1.41 0.00	27.75 -1.31 0.00	25.95 -1.25 0.00	25.25 -1.05 0.00	24.74 -1.11 0.00	27.35 -1.35 0.00	29.96 -1.54 0.00	35.96 -2.09 0.00	45.21 -2.28 0.00	55.92 -2.27 0.00	48.37 -2.60 0.00	38.11 -2.96 0.00	35.48 -2.18 0.00	33.44 -1.76 0.00
NEG_PENN_ALLEGHNY 23528	39.02 0.00 0.00	36.52 -0.04 0.00	34.42 -0.10 0.00	33.92 -0.14 0.00	34.83 -0.14 0.00	39.26 -0.20 0.00	55.43 0.06 0.00	68.70 -0.14 0.00	51.03 -0.31 0.00	36.70 -0.30 0.00	32.49 -0.36 0.00	28.68 -0.38 0.00	26.90 -0.30 0.00	26.01 -0.29 0.00	25.54 -0.31 0.00	28.35 -0.34 0.00	31.07 -0.44 0.00	37.56 -0.50 0.00	47.06 -0.43 0.00	57.84 -0.35 0.00	50.51 -0.46 0.00	40.45 -0.61 0.00	37.17 -0.49 0.00	34.82 -0.39 0.00
NEG____GEN_MONROE 24207	37.97 -1.05 0.00	35.53 -1.02 0.00	33.31 -1.21 0.00	32.76 -1.29 0.00	33.64 -1.33 0.00	37.96 -1.50 0.00	53.22 -2.16 0.00	65.53 -3.30 0.00	48.46 -2.87 0.00	35.18 -1.81 0.00	31.14 -1.71 0.00	27.40 -1.66 0.00	25.68 -1.52 0.00	24.93 -1.37 0.00	24.43 -1.42 0.00	27.06 -1.64 0.00	29.77 -1.73 0.00	35.77 -2.28 0.00	45.02 -2.47 0.00	55.63 -2.56 0.00	48.37 -2.60 0.00	38.48 -2.59 0.00	35.71 -1.96 0.00	33.34 -1.87 0.00

NEPA___ENERGY 23901	38.43 -0.59 0.00	36.01 -0.55 0.00	33.69 -0.83 0.00	33.07 -0.99 0.00	33.95 -1.01 0.00	38.16 -1.30 0.00	53.77 -1.61 0.00	65.60 -3.24 0.00	48.51 -2.82 0.00	35.29 -1.70 0.00	31.24 -1.61 0.00	27.63 -1.42 0.00	25.90 -1.31 0.00	25.17 -1.13 0.00	24.66 -1.19 0.00	27.29 -1.41 0.00	29.90 -1.61 0.00	35.89 -2.17 0.00	45.11 -2.37 0.00	55.81 -2.39 0.00	48.22 -2.75 0.00	37.95 -3.12 0.00	35.25 -2.41 0.00	33.13 -2.08 0.00
NEVERSink___HYD 23608	39.88 0.86 0.00	37.32 0.77 0.00	35.18 0.65 0.00	34.78 0.72 0.00	35.77 0.80 0.00	40.53 1.07 0.00	57.20 1.82 0.00	71.59 2.76 0.00	53.18 1.85 0.00	38.10 1.11 0.00	33.74 0.89 0.00	29.78 0.73 0.00	27.91 0.71 0.00	26.98 0.68 0.00	26.57 0.72 0.00	29.53 0.83 0.00	32.42 0.91 0.00	39.31 1.25 0.00	49.10 1.62 0.00	60.28 2.09 0.00	52.86 1.89 0.00	42.63 1.56 0.00	38.95 1.28 0.00	36.30 1.09 0.00
NEWKRMKL_115KV_TB1 55635	39.37 0.35 0.00	36.85 0.29 0.00	34.90 0.38 0.00	34.50 0.44 0.00	35.42 0.45 0.00	40.13 0.67 0.00	56.32 0.94 0.00	70.14 1.31 0.00	52.26 0.92 0.00	37.59 0.59 0.00	33.51 0.66 0.00	29.64 0.58 0.00	27.69 0.49 0.00	26.75 0.45 0.00	26.29 0.44 0.00	29.24 0.55 0.00	32.14 0.63 0.00	38.85 0.80 0.00	48.34 0.85 0.00	59.12 0.93 0.00	51.89 0.92 0.00	41.93 0.86 0.00	38.45 0.79 0.00	36.05 0.84 0.00
NEWTON___FALLS_HYD 23847	38.98 -0.04 0.00	36.63 0.07 0.00	34.63 0.10 0.00	34.23 0.17 0.00	35.03 0.07 0.00	39.58 0.12 0.00	55.60 0.22 0.00	69.25 0.41 0.00	51.39 0.05 0.00	36.59 -0.41 0.00	32.29 -0.56 0.00	28.42 -0.64 0.00	26.58 -0.63 0.00	25.69 -0.60 0.00	25.23 -0.62 0.00	28.09 -0.60 0.00	30.85 -0.66 0.00	37.64 -0.42 0.00	47.20 -0.28 0.00	58.31 0.12 0.00	51.07 0.10 0.00	41.07 0.00 0.00	37.36 -0.30 0.00	34.71 -0.49 0.00
NGRID_A1_DSASP 323792	36.80 -2.22 0.00	34.47 -2.08 0.00	32.31 -2.21 0.00	31.74 -2.32 0.00	32.52 -2.45 0.00	36.62 -2.84 0.00	50.89 -4.48 0.00	62.02 -6.82 0.00	46.36 -4.98 0.00	33.85 -3.14 0.00	29.99 -2.86 0.00	26.47 -2.59 0.00	24.97 -2.23 0.00	24.14 -2.16 0.00	23.63 -2.22 0.00	26.17 -2.53 0.00	28.67 -2.84 0.00	34.25 -3.81 0.00	42.93 -4.56 0.00	52.95 -5.24 0.00	45.87 -5.10 0.00	36.22 -4.85 0.00	34.05 -3.62 0.00	31.86 -3.35 0.00
NGRID_A2_DSASP 323793	36.80 -2.22 0.00	34.47 -2.08 0.00	32.31 -2.21 0.00	31.74 -2.32 0.00	32.52 -2.45 0.00	36.62 -2.84 0.00	50.89 -4.48 0.00	62.02 -6.82 0.00	46.36 -4.98 0.00	33.85 -3.14 0.00	29.99 -2.86 0.00	26.47 -2.59 0.00	24.97 -2.23 0.00	24.14 -2.16 0.00	23.63 -2.22 0.00	26.17 -2.53 0.00	28.67 -2.84 0.00	34.25 -3.81 0.00	42.93 -4.56 0.00	52.95 -5.24 0.00	45.87 -5.10 0.00	36.22 -4.85 0.00	34.05 -3.62 0.00	31.86 -3.35 0.00
NGRID_A4_DSASP 323807	36.80 -2.22 0.00	34.47 -2.08 0.00	32.31 -2.21 0.00	31.74 -2.32 0.00	32.52 -2.45 0.00	36.62 -2.84 0.00	50.89 -4.48 0.00	62.02 -6.82 0.00	46.36 -4.98 0.00	33.85 -3.14 0.00	29.99 -2.86 0.00	26.47 -2.59 0.00	24.97 -2.23 0.00	24.14 -2.16 0.00	23.63 -2.22 0.00	26.17 -2.53 0.00	28.67 -2.84 0.00	34.25 -3.81 0.00	42.93 -4.56 0.00	52.95 -5.24 0.00	45.87 -5.10 0.00	36.22 -4.85 0.00	34.05 -3.62 0.00	31.86 -3.35 0.00
NIAGARA_115E_LBMP 323715	36.48 -2.54 0.00	34.18 -2.38 0.00	32.04 -2.49 0.00	31.47 -2.59 0.00	32.24 -2.73 0.00	36.30 -3.16 0.00	50.50 -4.87 0.00	61.54 -7.30 0.00	46.00 -5.34 0.00	33.55 -3.44 0.00	29.73 -3.12 0.00	26.21 -2.85 0.00	24.70 -2.50 0.00	23.88 -2.42 0.00	23.39 -2.46 0.00	25.91 -2.78 0.00	28.39 -3.12 0.00	33.94 -4.11 0.00	42.55 -4.94 0.00	52.61 -5.59 0.00	45.52 -5.45 0.00	35.89 -5.18 0.00	33.75 -3.92 0.00	31.58 -3.63 0.00
NIAGARA_115W_LBMP 323714	36.72 -2.30 0.00	34.40 -2.16 0.00	32.24 -2.28 0.00	31.64 -2.42 0.00	32.41 -2.55 0.00	36.50 -2.96 0.00	50.78 -4.60 0.00	61.88 -6.95 0.00	46.20 -5.13 0.00	33.77 -3.22 0.00	29.93 -2.92 0.00	26.41 -2.64 0.00	24.92 -2.28 0.00	24.06 -2.24 0.00	23.57 -2.27 0.00	26.09 -2.61 0.00	28.61 -2.90 0.00	34.14 -3.92 0.00	42.78 -4.70 0.00	52.84 -5.35 0.00	45.77 -5.20 0.00	36.14 -4.93 0.00	33.93 -3.73 0.00	31.79 -3.41 0.00
NIAGARA_230_LBMP 323716	36.84 -2.18 0.00	34.51 -2.05 0.00	32.35 -2.17 0.00	31.78 -2.28 0.00	32.55 -2.41 0.00	36.66 -2.80 0.00	51.00 -4.38 0.00	62.23 -6.61 0.00	46.46 -4.88 0.00	33.89 -3.11 0.00	30.06 -2.79 0.00	26.53 -2.53 0.00	25.00 -2.20 0.00	24.17 -2.13 0.00	23.68 -2.17 0.00	26.23 -2.47 0.00	28.73 -2.77 0.00	34.33 -3.73 0.00	43.02 -4.47 0.00	53.07 -5.12 0.00	45.98 -4.99 0.00	36.34 -4.72 0.00	34.08 -3.58 0.00	31.93 -3.27 0.00
NIAGARA___115KV_198_GIBSON 55903	36.68 -2.34 0.00	34.40 -2.16 0.00	32.14 -2.38 0.00	31.54 -2.52 0.00	32.41 -2.55 0.00	36.50 -2.96 0.00	50.78 -4.60 0.00	61.88 -6.95 0.00	45.84 -5.49 0.00	33.77 -3.22 0.00	29.93 -2.92 0.00	26.41 -2.64 0.00	24.73 -2.48 0.00	24.06 -2.24 0.00	23.57 -2.27 0.00	26.03 -2.67 0.00	28.61 -2.90 0.00	34.13 -3.92 0.00	42.78 -4.70 0.00	52.84 -5.35 0.00	45.77 -5.20 0.00	36.14 -4.93 0.00	33.90 -3.77 0.00	31.79 -3.41 0.00
NIAGARA___ 23760	36.84 -2.18 0.00	34.51 -2.05 0.00	32.35 -2.17 0.00	31.78 -2.28 0.00	32.55 -2.41 0.00	36.66 -2.80 0.00	51.00 -4.38 0.00	62.23 -6.61 0.00	46.46 -4.88 0.00	33.89 -3.11 0.00	30.06 -2.79 0.00	26.53 -2.53 0.00	25.00 -2.20 0.00	24.17 -2.13 0.00	23.68 -2.17 0.00	26.23 -2.47 0.00	28.73 -2.77 0.00	34.33 -3.73 0.00	43.02 -4.47 0.00	53.07 -5.12 0.00	45.98 -4.99 0.00	36.34 -4.72 0.00	34.08 -3.58 0.00	31.93 -3.27 0.00
NINE_MILE_1 23575	37.81 -1.21 0.00	35.42 -1.13 0.00	33.45 -1.07 0.00	32.94 -1.12 0.00	33.74 -1.22 0.00	37.92 -1.54 0.00	53.27 -2.10 0.00	66.22 -2.62 0.00	49.28 -2.06 0.00	35.55 -1.44 0.00	31.63 -1.21 0.00	28.04 -1.02 0.00	26.25 -0.95 0.00	25.38 -0.92 0.00	24.94 -0.91 0.00	27.69 -1.01 0.00	30.37 -1.13 0.00	36.49 -1.56 0.00	45.58 -1.90 0.00	55.92 -2.27 0.00	48.88 -2.09 0.00	39.34 -1.72 0.00	36.12 -1.55 0.00	33.83 -1.37 0.00
NINE_MILE_2 23744	37.81 -1.21 0.00	35.42 -1.13 0.00	33.45 -1.07 0.00	32.94 -1.12 0.00	33.74 -1.22 0.00	37.92 -1.54 0.00	53.27 -2.10 0.00	66.22 -2.62 0.00	49.28 -2.06 0.00	35.55 -1.44 0.00	31.63 -1.21 0.00	28.04 -1.02 0.00	26.25 -0.95 0.00	25.38 -0.92 0.00	24.94 -0.91 0.00	27.69 -1.01 0.00	30.37 -1.13 0.00	36.49 -1.56 0.00	45.58 -1.90 0.00	55.92 -2.27 0.00	48.88 -2.09 0.00	39.34 -1.72 0.00	36.12 -1.55 0.00	33.83 -1.37 0.00
NM_CAPITAL___DRP 24208	39.41 0.39 0.00	36.88 0.33 0.00	34.94 0.41 0.00	34.54 0.48 0.00	35.45 0.49 0.00	40.17 0.71 0.00	56.37 1.00 0.00	70.14 1.31 0.00	52.31 0.98 0.00	37.66 0.67 0.00	33.54 0.69 0.00	29.67 0.61 0.00	27.75 0.54 0.00	26.80 0.50 0.00	26.34 0.49 0.00	29.27 0.57 0.00	32.20 0.69 0.00	38.97 0.91 0.00	48.39 0.90 0.00	59.12 0.93 0.00	51.94 0.97 0.00	42.01 0.94 0.00	38.49 0.83 0.00	36.12 0.92 0.00

NM_CENTRAL___DRP 24181	38.47 -0.55 0.00	36.04 -0.51 0.00	33.97 -0.55 0.00	33.45 -0.61 0.00	34.34 -0.63 0.00	38.63 -0.83 0.00	54.38 -1.00 0.00	67.60 -1.24 0.00	50.21 -1.13 0.00	36.25 -0.74 0.00	32.16 -0.69 0.00	28.45 -0.61 0.00	26.63 -0.57 0.00	25.77 -0.53 0.00	25.31 -0.54 0.00	28.07 -0.63 0.00	30.81 -0.69 0.00	37.10 -0.95 0.00	46.44 -1.04 0.00	57.03 -1.16 0.00	49.80 -1.17 0.00	40.00 -1.07 0.00	36.72 -0.94 0.00	34.36 -0.84 0.00
NM_FRONTIER___DRP 24179	36.68 -2.34 0.00	34.40 -2.16 0.00	32.14 -2.38 0.00	31.54 -2.52 0.00	32.41 -2.55 0.00	36.50 -2.96 0.00	50.78 -4.60 0.00	61.88 -6.95 0.00	45.84 -5.49 0.00	33.77 -3.22 0.00	29.93 -2.92 0.00	26.41 -2.64 0.00	24.73 -2.48 0.00	24.06 -2.24 0.00	23.57 -2.27 0.00	26.03 -2.67 0.00	28.61 -2.90 0.00	34.13 -3.92 0.00	42.78 -4.70 0.00	52.84 -5.35 0.00	45.77 -5.20 0.00	36.14 -4.93 0.00	33.90 -3.77 0.00	31.79 -3.41 0.00
NM_ST_REGIS___HYD 24053	39.37 0.35 0.00	36.99 0.44 0.00	35.04 0.52 0.00	34.64 0.58 0.00	35.49 0.52 0.00	40.09 0.63 0.00	55.98 0.61 0.00	69.52 0.69 0.00	51.95 0.62 0.00	37.29 0.30 0.00	32.98 0.13 0.00	29.06 0.00 0.00	27.15 -0.05 0.00	26.25 -0.05 0.00	25.80 -0.05 0.00	28.67 -0.03 0.00	31.44 -0.06 0.00	38.21 0.15 0.00	47.82 0.33 0.00	58.83 0.64 0.00	51.48 0.51 0.00	41.35 0.29 0.00	37.81 0.15 0.00	35.20 0.00 0.00
NORTHPORT___1 23551	40.07 1.05 0.00	37.36 0.80 0.00	35.25 0.73 0.00	34.74 0.68 0.00	35.80 0.84 0.00	41.19 1.73 0.00	56.97 1.61 0.01	71.72 2.89 0.00	53.65 2.31 0.00	39.51 2.52 0.00	35.11 2.26 0.00	31.06 2.00 0.00	29.00 1.79 0.00	28.03 1.74 0.00	27.61 1.76 0.00	30.74 2.04 0.00	33.90 2.39 0.00	40.41 2.36 0.00	50.24 2.75 0.00	60.99 2.79 0.00	53.67 2.70 0.00	43.90 2.83 0.00	39.89 2.22 0.00	37.07 1.86 0.00
NORTHPORT___2 23552	40.07 1.05 0.00	37.36 0.80 0.00	35.25 0.73 0.00	34.74 0.68 0.00	35.80 0.84 0.00	41.19 1.73 0.00	56.97 1.61 0.01	71.72 2.89 0.00	53.65 2.31 0.00	39.51 2.52 0.00	35.11 2.26 0.00	31.06 2.00 0.00	29.00 1.79 0.00	28.03 1.74 0.00	27.61 1.76 0.00	30.74 2.04 0.00	33.90 2.39 0.00	40.41 2.36 0.00	50.24 2.75 0.00	60.99 2.79 0.00	53.67 2.70 0.00	43.90 2.83 0.00	39.89 2.22 0.00	37.07 1.86 0.00
NORTHPORT___3 23553	40.11 1.09 0.00	37.39 0.84 0.00	35.21 0.69 0.00	34.74 0.68 0.00	35.80 0.84 0.00	41.04 1.58 0.00	56.03 0.67 0.01	70.35 1.51 0.00	53.29 1.95 0.00	39.25 2.26 0.00	34.95 2.10 0.00	30.89 1.83 0.00	28.86 1.66 0.00	27.88 1.58 0.00	27.48 1.63 0.00	30.56 1.86 0.00	33.68 2.17 0.00	40.30 2.24 0.00	49.39 1.90 0.00	59.82 1.63 0.00	52.75 1.78 0.00	43.70 2.63 0.00	39.73 2.07 0.00	36.93 1.72 0.00
NORTHPORT___4 23650	40.11 1.09 0.00	37.39 0.84 0.00	35.21 0.69 0.00	34.74 0.68 0.00	35.80 0.84 0.00	41.04 1.58 0.00	56.03 0.67 0.01	70.35 1.51 0.00	53.29 1.95 0.00	39.25 2.26 0.00	34.95 2.10 0.00	30.89 1.83 0.00	28.86 1.66 0.00	27.88 1.58 0.00	27.48 1.63 0.00	30.56 1.86 0.00	33.68 2.17 0.00	40.30 2.24 0.00	49.39 1.90 0.00	59.82 1.63 0.00	52.75 1.78 0.00	43.70 2.63 0.00	39.73 2.07 0.00	36.93 1.72 0.00
NORTHPORT___IC 23718	40.11 1.09 0.00	37.36 0.80 0.00	35.28 0.76 0.00	34.84 0.78 0.00	35.84 0.87 0.00	41.20 1.74 0.00	56.97 1.61 0.01	71.73 2.89 0.00	53.75 2.41 0.00	39.51 2.52 0.00	35.12 2.27 0.00	31.06 2.00 0.00	29.03 1.82 0.00	28.03 1.74 0.00	27.61 1.76 0.00	30.73 2.04 0.00	33.74 2.24 0.00	40.68 2.63 0.00	50.24 2.75 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.78 2.71 0.00	40.04 2.37 0.00	37.07 1.87 0.00
NORTH___COUNTRY_ESR 323785	39.84 0.82 0.00	37.50 0.95 0.00	35.52 1.00 0.00	35.15 1.09 0.00	36.05 1.09 0.00	40.72 1.26 0.00	56.59 1.22 0.00	69.87 1.03 0.00	52.52 1.18 0.00	38.03 1.03 0.00	33.67 0.82 0.00	29.73 0.67 0.00	27.80 0.60 0.00	26.88 0.58 0.00	26.39 0.54 0.00	29.30 0.60 0.00	32.17 0.66 0.00	38.93 0.88 0.00	48.58 1.09 0.00	59.59 1.39 0.00	52.09 1.12 0.00	41.81 0.74 0.00	38.30 0.64 0.00	35.70 0.49 0.00
NPX_GEN_1385_PROXY 323591	38.50 0.16 0.68	36.02 -0.04 0.50	34.70 0.17 0.00	33.96 -0.10 0.00	35.00 0.04 0.00	41.04 1.58 0.00	54.58 0.33 1.13	65.90 1.30 4.24	52.86 1.59 0.07	39.47 2.40 -0.07	34.79 1.94 0.00	30.80 1.74 0.00	28.81 1.60 0.00	27.85 1.55 0.00	27.43 1.58 0.00	30.48 1.78 0.00	33.78 2.27 0.00	40.34 2.28 0.00	50.00 2.51 0.00	59.76 1.57 0.00	52.86 1.89 0.00	43.61 2.55 0.00	39.73 2.07 0.00	36.96 1.76 0.00
NPX_GEN_CSC 323557	39.45 0.43 0.00	36.44 -0.11 0.00	34.63 0.10 0.00	34.13 0.07 0.00	35.21 0.25 0.00	40.56 1.10 0.00	55.70 0.33 0.01	70.28 1.45 0.00	52.24 0.97 0.07	39.91 2.85 -0.07	35.48 2.63 0.00	31.35 2.29 0.00	29.24 2.04 0.00	28.30 2.00 0.00	27.87 2.02 0.00	31.08 2.38 0.00	34.31 2.80 0.00	39.50 1.45 0.00	49.33 1.85 0.00	60.05 1.86 0.00	52.80 1.83 0.00	43.53 2.46 0.00	39.09 1.43 0.00	36.57 1.37 0.00
NSINS_S___GLNS_FALLS 23858	39.88 0.86 0.00	37.36 0.80 0.00	35.25 0.72 0.00	34.91 0.85 0.00	35.94 0.98 0.00	40.80 1.34 0.00	57.65 2.27 0.00	71.93 3.10 0.00	53.13 1.80 0.00	37.73 0.74 0.00	33.31 0.46 0.00	29.29 0.23 0.00	27.34 0.14 0.00	26.32 0.03 0.00	25.87 0.03 0.00	28.93 0.23 0.00	31.92 0.41 0.00	39.08 1.03 0.00	48.91 1.42 0.00	60.11 1.92 0.00	52.75 1.78 0.00	42.59 1.52 0.00	38.91 1.24 0.00	36.33 1.13 0.00
NUCOR_STEEL___DRP 24197	38.94 -0.08 0.00	36.48 -0.07 0.00	34.38 -0.14 0.00	33.82 -0.24 0.00	34.72 -0.24 0.00	39.11 -0.36 0.00	55.15 -0.22 0.00	68.49 -0.34 0.00	50.77 -0.56 0.00	36.62 -0.37 0.00	32.42 -0.43 0.00	28.62 -0.44 0.00	26.79 -0.41 0.00	25.93 -0.37 0.00	25.43 -0.41 0.00	28.24 -0.46 0.00	31.00 -0.50 0.00	37.45 -0.61 0.00	46.96 -0.52 0.00	57.73 -0.47 0.00	50.41 -0.56 0.00	40.45 -0.62 0.00	37.10 -0.56 0.00	34.71 -0.49 0.00
NUMBER_THREE_WT_PWR 323818	39.57 0.55 0.00	37.14 0.58 0.00	35.07 0.55 0.00	34.64 0.58 0.00	35.45 0.49 0.00	40.05 0.59 0.00	56.48 1.11 0.00	70.56 1.72 0.00	52.11 0.77 0.00	36.96 -0.04 0.00	32.59 -0.26 0.00	28.62 -0.44 0.00	26.80 -0.41 0.00	25.90 -0.39 0.00	25.43 -0.41 0.00	28.35 -0.34 0.00	31.13 -0.38 0.00	38.09 0.04 0.00	47.82 0.33 0.00	59.24 1.05 0.00	51.89 0.92 0.00	41.72 0.66 0.00	37.70 0.04 0.00	34.99 -0.21 0.00
NYISO_LBMP_REFERENCE 24008	39.02 0.00 0.00	36.55 0.00 0.00	34.52 0.00 0.00	34.06 0.00 0.00	34.97 0.00 0.00	39.46 0.00 0.00	55.38 0.00 0.00	68.83 0.00 0.00	51.34 0.00 0.00	36.99 0.00 0.00	32.85 0.00 0.00	29.06 0.00 0.00	27.20 0.00 0.00	26.30 0.00 0.00	25.85 0.00 0.00	28.70 0.00 0.00	31.51 0.00 0.00	38.05 0.00 0.00	47.48 0.00 0.00	58.19 0.00 0.00	50.97 0.00 0.00	41.07 0.00 0.00	37.66 0.00 0.00	35.20 0.00 0.00

NYPA_BRENTWD____GT 24164	40.46 1.44 0.00	37.69 1.13 0.00	35.56 1.03 0.00	35.01 0.95 0.00	36.12 1.15 0.00	41.55 2.09 0.00	57.53 2.16 0.01	72.48 3.65 0.00	54.11 2.77 0.00	39.80 2.81 0.00	35.41 2.56 0.00	31.29 2.24 0.00	29.19 1.98 0.00	28.22 1.92 0.00	27.81 1.96 0.00	30.96 2.27 0.00	34.15 2.65 0.00	40.68 2.62 0.00	50.72 3.23 0.00	61.68 3.49 0.00	54.23 3.26 0.00	44.31 3.24 0.00	40.19 2.52 0.00	37.35 2.15 0.00
NYPA_GOWANUS____GT5 24156	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NYPA_GOWANUS____GT6 24157	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.55 1.50 -12.99	48.56 1.64 -11.95	48.61 2.05 -7.10	58.25 2.88 0.00	73.17 4.34 0.00	55.40 3.39 -0.67	63.62 2.59 -24.04	64.32 2.33 -29.14	70.09 2.12 -38.92	70.74 2.01 -41.52	70.87 1.92 -42.65	72.53 1.96 -44.72	69.69 2.12 -38.87	67.01 2.30 -33.20	86.23 2.74 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.24 3.47 -31.80	54.30 2.83 -10.40	53.78 2.71 -13.40	50.33 2.15 -12.98
NYPA_HARLEM__RVR__GT1 24160	40.36 1.33 -0.01	37.73 1.17 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.16 1.19 -0.01	41.03 1.58 0.01	57.59 2.22 0.01	72.33 3.51 0.01	54.15 2.82 0.01	39.20 2.22 0.01	34.88 2.04 0.01	30.97 1.92 0.01	28.99 1.79 0.01	28.03 1.74 0.01	27.60 1.76 0.01	30.58 1.89 0.01	33.58 2.08 0.01	40.45 2.40 0.01	50.23 2.75 0.01	61.15 2.97 0.01	53.81 2.85 0.01	43.44 2.38 0.01	39.76 2.11 0.01	36.92 1.72 0.01
NYPA_HARLEM__RVR__GT2 24161	40.36 1.33 -0.01	37.73 1.17 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.16 1.19 -0.01	41.03 1.58 0.01	57.59 2.22 0.01	72.33 3.51 0.01	54.15 2.82 0.01	39.20 2.22 0.01	34.88 2.04 0.01	30.97 1.92 0.01	28.99 1.79 0.01	28.03 1.74 0.01	27.60 1.76 0.01	30.58 1.89 0.01	33.58 2.08 0.01	40.45 2.40 0.01	50.23 2.75 0.01	61.15 2.97 0.01	53.81 2.85 0.01	43.44 2.38 0.01	39.76 2.11 0.01	36.92 1.72 0.01
NYPA_KENT____GT 24152	45.50 1.71 -4.76	44.01 1.53 -5.93	43.08 1.35 -7.21	42.91 1.40 -7.45	43.36 1.54 -6.85	45.60 1.93 -4.21	58.14 2.77 0.00	73.03 4.20 0.00	55.01 3.24 -0.44	59.02 2.48 -19.55	58.99 2.26 -23.88	62.94 2.06 -31.82	63.46 1.96 -34.30	63.22 1.87 -35.05	64.21 1.91 -36.45	62.38 2.07 -31.61	60.61 2.24 -26.87	71.87 2.62 -31.20	73.47 3.08 -22.90	75.64 3.43 -14.02	74.40 3.31 -20.12	50.48 2.71 -6.71	48.82 2.52 -8.64	44.93 2.04 -7.68
NYPA_POUCH1____GT 24155	49.12 1.80 -8.30	48.49 1.61 -10.33	48.48 1.38 -12.58	48.48 1.43 -12.99	48.49 1.57 -11.95	48.54 1.97 -7.10	57.98 2.60 0.00	72.82 3.99 0.00	55.14 3.13 -0.67	52.31 2.40 -12.91	50.28 2.17 -15.26	51.55 1.98 -20.51	50.24 1.88 -21.16	50.21 1.79 -22.12	51.46 1.81 -23.81	51.53 1.98 -20.85	51.74 2.14 -18.09	52.96 2.55 -12.35	85.99 2.99 -35.51	85.96 3.32 -24.45	86.04 3.26 -31.80	54.10 2.63 -10.40	53.74 2.67 -13.40	50.23 2.04 -12.98
NYPA_VERNON____GT2 24162	41.85 1.60 -1.23	39.46 1.39 -1.52	37.58 1.21 -1.85	37.23 1.26 -1.91	38.16 1.43 -1.76	42.59 1.82 -1.31	58.03 2.66 0.00	72.82 3.99 0.00	54.67 3.13 -0.20	54.45 2.40 -15.05	53.67 2.20 -18.61	55.79 2.00 -24.73	56.19 1.90 -27.08	55.56 1.81 -27.45	55.89 1.86 -28.18	55.06 2.01 -24.35	54.22 2.17 -20.54	57.56 2.55 -16.96	60.71 2.95 -10.28	65.04 3.26 -3.59	62.51 3.11 -8.43	46.67 2.59 -3.02	43.87 2.34 -3.87	39.52 1.93 -2.38
NYPA_VERNON____GT3 24163	41.85 1.60 -1.23	39.46 1.39 -1.52	37.58 1.21 -1.85	37.23 1.26 -1.91	38.16 1.43 -1.76	42.59 1.82 -1.31	58.03 2.66 0.00	72.82 3.99 0.00	54.67 3.13 -0.20	54.45 2.40 -15.05	53.67 2.20 -18.61	55.79 2.00 -24.73	56.19 1.90 -27.08	55.56 1.81 -27.45	55.89 1.86 -28.18	55.06 2.01 -24.35	54.22 2.17 -20.54	57.56 2.55 -16.96	60.71 2.95 -10.28	65.04 3.26 -3.59	62.51 3.11 -8.43	46.67 2.59 -3.02	43.87 2.34 -3.87	39.52 1.93 -2.38
NYPA__ASTORIA_CC1 323568	40.59 1.56 -0.01	37.95 1.39 -0.01	35.73 1.21 0.00	35.32 1.26 0.00	36.37 1.40 -0.01	41.54 1.82 -0.27	57.98 2.60 0.00	72.76 3.92 0.00	54.52 3.08 -0.10	50.97 2.37 -11.61	49.46 2.17 -14.44	50.22 2.00 -19.16	50.22 1.88 -21.14	49.46 1.81 -21.35	49.46 1.84 -21.78	49.46 1.98 -18.78	49.46 2.17 -15.78	50.97 2.55 -10.37	55.54 2.95 -5.11	61.39 3.20 0.00	57.82 3.06 -3.79	45.16 2.59 -1.50	41.92 2.34 -1.92	37.59 1.90 -0.48
NYPA__ASTORIA_CC2 323569	40.59 1.56 -0.01	37.95 1.39 -0.01	35.73 1.21 0.00	35.32 1.26 0.00	36.37 1.40 -0.01	41.54 1.82 -0.27	57.98 2.60 0.00	72.76 3.92 0.00	54.52 3.08 -0.10	50.97 2.37 -11.61	49.46 2.17 -14.44	50.22 2.00 -19.16	50.22 1.88 -21.14	49.46 1.81 -21.35	49.46 1.84 -21.78	49.46 1.98 -18.78	49.46 2.17 -15.78	50.97 2.55 -10.37	55.54 2.95 -5.11	61.39 3.20 0.00	57.82 3.06 -3.79	45.16 2.59 -1.50	41.92 2.34 -1.92	37.59 1.90 -0.48
NYPA__HOLTSVILL 23794	40.07 1.05 0.00	37.28 0.73 0.00	35.21 0.69 0.00	34.70 0.65 0.00	35.77 0.80 0.00	41.16 1.70 0.00	56.92 1.55 0.01	71.72 2.89 0.00	53.49 2.16 0.00	39.58 2.59 0.00	35.25 2.40 0.00	31.15 2.09 0.00	29.05 1.85 0.00	28.11 1.81 0.00	27.68 1.84 0.00	30.82 2.12 0.00	34.03 2.52 0.00	40.26 2.21 0.00	50.19 2.71 0.00	61.04 2.85 0.00	53.67 2.70 0.00	43.94 2.87 0.00	39.81 2.15 0.00	37.03 1.83 0.00
NYPA__HELLGATE_GT1 24158	40.36 1.33 -0.01	37.73 1.17 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.16 1.19 -0.01	41.03 1.58 0.01	57.59 2.22 0.01	72.33 3.51 0.01	54.15 2.82 0.01	39.20 2.22 0.01	34.88 2.04 0.01	30.97 1.92 0.01	28.99 1.79 0.01	28.03 1.74 0.01	27.60 1.76 0.01	30.58 1.89 0.01	33.58 2.08 0.01	40.45 2.40 0.01	50.23 2.75 0.01	61.15 2.97 0.01	53.81 2.85 0.01	43.44 2.38 0.01	39.76 2.11 0.01	36.92 1.72 0.01
NYPA__HELLGATE_GT2 24159	40.36 1.33 -0.01	37.73 1.17 -0.01	35.49 0.97 0.00	35.08 1.02 0.00	36.16 1.19 -0.01	41.03 1.58 0.01	57.59 2.22 0.01	72.33 3.51 0.01	54.15 2.82 0.01	39.20 2.22 0.01	34.88 2.04 0.01	30.97 1.92 0.01	28.99 1.79 0.01	28.03 1.74 0.01	27.60 1.76 0.01	30.58 1.89 0.01	33.58 2.08 0.01	40.45 2.40 0.01	50.23 2.75 0.01	61.15 2.97 0.01	53.81 2.85 0.01	43.44 2.38 0.01	39.76 2.11 0.01	36.92 1.72 0.01
NYS_BARGE__HYD 23848	37.11 -1.91 0.00	34.73 -1.83 0.00	32.56 -1.97 0.00	32.02 -2.04 0.00	32.76 -2.20 0.00	36.93 -2.53 0.00	51.50 -3.88 0.00	62.84 -5.99 0.00	46.87 -4.47 0.00	34.11 -2.89 0.00	30.19 -2.66 0.00	26.62 -2.44 0.00	25.08 -2.12 0.00	24.25 -2.05 0.00	23.76 -2.09 0.00	26.29 -2.41 0.00	28.83 -2.68 0.00	34.52 -3.54 0.00	43.40 -4.08 0.00	53.59 -4.60 0.00	46.38 -4.59 0.00	36.59 -4.48 0.00	34.35 -3.31 0.00	32.11 -3.10 0.00

OAK ORCHARD___HYD 24046	37.85 -1.17 0.00	35.42 -1.13 0.00	33.31 -1.21 0.00	32.76 -1.29 0.00	33.57 -1.40 0.00	37.84 -1.62 0.00	53.05 -2.32 0.00	65.46 -3.37 0.00	48.77 -2.57 0.00	35.26 -1.74 0.00	31.24 -1.61 0.00	27.52 -1.54 0.00	25.90 -1.31 0.00	25.04 -1.26 0.00	24.53 -1.32 0.00	27.20 -1.49 0.00	29.84 -1.67 0.00	35.89 -2.17 0.00	45.11 -2.37 0.00	55.57 -2.62 0.00	48.32 -2.65 0.00	38.44 -2.63 0.00	35.70 -1.96 0.00	33.27 -1.94 0.00
OAKDALE___35_KV_LOAD 356122	38.90 -0.12 0.00	36.44 -0.11 0.00	34.35 -0.17 0.00	33.82 -0.24 0.00	34.76 -0.21 0.00	39.18 -0.28 0.00	55.27 -0.11 0.00	68.42 -0.41 0.00	50.82 -0.51 0.00	36.62 -0.37 0.00	32.42 -0.43 0.00	28.65 -0.41 0.00	26.85 -0.35 0.00	25.98 -0.32 0.00	25.51 -0.34 0.00	28.30 -0.40 0.00	31.04 -0.47 0.00	37.48 -0.57 0.00	46.96 -0.52 0.00	57.73 -0.47 0.00	50.41 -0.56 0.00	40.37 -0.70 0.00	37.10 -0.56 0.00	34.75 -0.46 0.00
OCC_CHEM___DRP 24175	36.76 -2.26 0.00	34.47 -2.08 0.00	32.21 -2.31 0.00	31.64 -2.42 0.00	32.52 -2.45 0.00	36.62 -2.84 0.00	50.89 -4.49 0.00	62.02 -6.81 0.00	46.00 -5.34 0.00	33.85 -3.14 0.00	29.99 -2.86 0.00	26.47 -2.59 0.00	24.78 -2.42 0.00	24.12 -2.18 0.00	23.63 -2.22 0.00	26.09 -2.61 0.00	28.70 -2.80 0.00	34.21 -3.84 0.00	42.93 -4.56 0.00	52.95 -5.24 0.00	45.87 -5.10 0.00	36.22 -4.85 0.00	33.97 -3.69 0.00	31.86 -3.34 0.00
OH_GEN_PROXY 24063	36.87 -2.15 0.00	34.54 -2.01 0.00	32.38 -2.14 0.00	31.81 -2.25 0.00	32.59 -2.38 0.00	36.70 -2.76 0.00	51.11 -4.26 0.00	62.36 -6.47 0.00	46.49 -4.77 0.07	34.07 -3.00 -0.07	30.12 -2.73 0.00	26.59 -2.47 0.00	25.05 -2.15 0.00	24.22 -2.08 0.00	23.73 -2.12 0.00	26.29 -2.41 0.00	28.80 -2.71 0.00	34.40 -3.65 0.00	43.12 -4.37 0.00	53.25 -4.95 0.00	46.13 -4.84 0.00	36.43 -4.64 0.00	34.16 -3.50 0.00	32.00 -3.20 0.00
OLIN_CORP_DRP 24177	36.52 -2.50 0.00	34.25 -2.30 0.00	32.04 -2.49 0.00	31.44 -2.62 0.00	32.31 -2.66 0.00	36.38 -3.08 0.00	50.67 -4.71 0.00	61.74 -7.09 0.00	45.74 -5.60 0.00	33.63 -3.37 0.00	29.79 -3.05 0.00	26.27 -2.79 0.00	24.59 -2.61 0.00	23.93 -2.37 0.00	23.47 -2.38 0.00	25.88 -2.81 0.00	28.48 -3.02 0.00	34.02 -4.03 0.00	42.69 -4.80 0.00	52.72 -5.47 0.00	45.62 -5.35 0.00	36.02 -5.05 0.00	33.75 -3.92 0.00	31.65 -3.56 0.00
OLIN_CORP_DSASP 323712	36.80 -2.22 0.00	34.47 -2.08 0.00	32.31 -2.21 0.00	31.74 -2.32 0.00	32.52 -2.45 0.00	36.62 -2.84 0.00	50.89 -4.48 0.00	62.02 -6.82 0.00	46.36 -4.98 0.00	33.85 -3.14 0.00	29.99 -2.86 0.00	26.47 -2.59 0.00	24.97 -2.23 0.00	24.14 -2.16 0.00	23.63 -2.22 0.00	26.17 -2.53 0.00	28.67 -2.84 0.00	34.25 -3.81 0.00	42.93 -4.56 0.00	52.95 -5.24 0.00	45.87 -5.10 0.00	36.22 -4.85 0.00	34.05 -3.62 0.00	31.86 -3.35 0.00
ONEIDA_HERK_LFGE 323681	39.76 0.74 0.00	37.28 0.73 0.00	35.21 0.69 0.00	34.74 0.68 0.00	35.63 0.66 0.00	40.21 0.75 0.00	56.70 1.33 0.00	70.83 2.00 0.00	52.46 1.13 0.00	37.36 0.37 0.00	33.01 0.17 0.00	29.06 0.00 0.00	27.18 -0.03 0.00	26.27 -0.03 0.00	25.80 -0.05 0.00	28.73 0.03 0.00	31.54 0.03 0.00	38.47 0.42 0.00	48.20 0.71 0.00	59.53 1.34 0.00	52.09 1.12 0.00	41.93 0.86 0.00	38.15 0.49 0.00	35.52 0.32 0.00
ONEIDA___115KV_TB4 55905	39.92 0.90 0.00	37.47 0.91 0.00	35.32 0.79 0.00	34.84 0.78 0.00	35.73 0.77 0.00	40.33 0.87 0.00	56.93 1.55 0.00	70.97 2.13 0.00	52.57 1.23 0.00	37.51 0.52 0.00	33.14 0.30 0.00	29.17 0.12 0.00	27.31 0.11 0.00	26.40 0.11 0.00	25.93 0.08 0.00	28.84 0.14 0.00	31.67 0.16 0.00	38.59 0.53 0.00	48.34 0.85 0.00	59.59 1.40 0.00	52.14 1.17 0.00	41.93 0.86 0.00	38.34 0.68 0.00	35.73 0.53 0.00
ONONDAGA_REF_OCCRA 23987	38.63 -0.39 0.00	36.19 -0.37 0.00	34.14 -0.38 0.00	33.62 -0.44 0.00	34.48 -0.49 0.00	38.79 -0.67 0.00	54.66 -0.72 0.00	67.94 -0.89 0.00	50.46 -0.87 0.00	36.40 -0.59 0.00	32.29 -0.56 0.00	28.53 -0.52 0.00	26.71 -0.49 0.00	25.85 -0.45 0.00	25.38 -0.47 0.00	28.18 -0.52 0.00	30.94 -0.57 0.00	37.29 -0.76 0.00	46.68 -0.81 0.00	57.38 -0.81 0.00	50.10 -0.87 0.00	40.20 -0.86 0.00	36.91 -0.75 0.00	34.53 -0.67 0.00
ONONDAGA___COGEN 23986	38.71 -0.31 0.00	36.26 -0.29 0.00	34.18 -0.35 0.00	33.65 -0.41 0.00	34.51 -0.45 0.00	38.83 -0.63 0.00	54.71 -0.66 0.00	68.01 -0.83 0.00	50.52 -0.82 0.00	36.44 -0.55 0.00	32.32 -0.53 0.00	28.56 -0.49 0.00	26.74 -0.46 0.00	25.88 -0.42 0.00	25.41 -0.44 0.00	28.18 -0.52 0.00	30.94 -0.57 0.00	37.29 -0.76 0.00	46.68 -0.81 0.00	57.32 -0.87 0.00	50.10 -0.87 0.00	40.24 -0.82 0.00	36.91 -0.75 0.00	34.57 -0.63 0.00
ONTARIO___LFGE 23819	38.90 -0.12 0.00	36.41 -0.15 0.00	34.32 -0.21 0.00	33.75 -0.31 0.00	34.62 -0.35 0.00	39.07 -0.39 0.00	55.05 -0.33 0.00	68.08 -0.76 0.00	50.62 -0.72 0.00	36.33 -0.66 0.00	32.06 -0.79 0.00	28.24 -0.81 0.00	26.52 -0.68 0.00	25.64 -0.66 0.00	25.15 -0.70 0.00	27.92 -0.77 0.00	30.66 -0.85 0.00	37.14 -0.91 0.00	46.77 -0.71 0.00	57.43 -0.76 0.00	50.21 -0.76 0.00	40.04 -1.03 0.00	36.84 -0.83 0.00	34.39 -0.81 0.00
ORANGEVILLE_WT_PWR 323706	37.69 -1.33 0.00	35.31 -1.24 0.00	33.18 -1.35 0.00	32.60 -1.46 0.00	33.36 -1.61 0.00	37.57 -1.89 0.00	52.61 -2.77 0.00	64.43 -4.41 0.00	47.64 -3.70 0.00	34.33 -2.66 0.00	30.32 -2.53 0.00	26.76 -2.30 0.00	25.22 -1.98 0.00	24.40 -1.89 0.00	23.94 -1.91 0.00	26.54 -2.15 0.00	29.11 -2.40 0.00	35.16 -2.89 0.00	44.49 -2.99 0.00	54.99 -3.20 0.00	47.66 -3.31 0.00	37.62 -3.45 0.00	34.92 -2.75 0.00	32.63 -2.57 0.00
ORANGEVILLE___ESR 323794	37.69 -1.33 0.00	35.31 -1.24 0.00	33.18 -1.35 0.00	32.60 -1.46 0.00	33.36 -1.61 0.00	37.57 -1.89 0.00	52.61 -2.77 0.00	64.43 -4.41 0.00	47.64 -3.70 0.00	34.33 -2.66 0.00	30.32 -2.53 0.00	26.76 -2.30 0.00	25.22 -1.98 0.00	24.40 -1.89 0.00	23.94 -1.91 0.00	26.54 -2.15 0.00	29.11 -2.40 0.00	35.16 -2.89 0.00	44.49 -2.99 0.00	54.99 -3.20 0.00	47.66 -3.31 0.00	37.62 -3.45 0.00	34.92 -2.75 0.00	32.63 -2.57 0.00
OSWEGATCHIE___HYD 24044	38.98 -0.04 0.00	36.63 0.07 0.00	34.63 0.10 0.00	34.23 0.17 0.00	35.04 0.07 0.00	39.58 0.12 0.00	55.60 0.22 0.00	69.32 0.49 0.00	51.39 0.05 0.00	36.59 -0.41 0.00	32.29 -0.56 0.00	28.42 -0.64 0.00	26.58 -0.62 0.00	25.69 -0.60 0.00	25.23 -0.62 0.00	28.09 -0.60 0.00	30.84 -0.66 0.00	37.64 -0.42 0.00	47.20 -0.28 0.00	58.31 0.12 0.00	51.07 0.10 0.00	41.07 0.00 0.00	37.36 -0.30 0.00	34.71 -0.49 0.00
OSWEGO___5 23606	38.05 -0.97 0.00	35.68 -0.88 0.00	33.66 -0.86 0.00	33.14 -0.92 0.00	33.99 -0.98 0.00	38.20 -1.26 0.00	53.72 -1.66 0.00	66.70 -2.13 0.00	49.64 -1.69 0.00	35.81 -1.19 0.00	31.83 -1.02 0.00	28.19 -0.87 0.00	26.41 -0.79 0.00	25.54 -0.76 0.00	25.07 -0.77 0.00	27.84 -0.86 0.00	30.53 -0.98 0.00	36.76 -1.29 0.00	45.92 -1.57 0.00	56.39 -1.80 0.00	49.29 -1.68 0.00	39.59 -1.48 0.00	36.38 -1.28 0.00	34.08 -1.13 0.00

OSWEGO___6 23613	38.05 -0.97 0.00	35.68 -0.88 0.00	33.66 -0.86 0.00	33.14 -0.92 0.00	33.99 -0.98 0.00	38.20 -1.26 0.00	53.72 -1.66 0.00	66.70 -2.13 0.00	49.64 -1.69 0.00	35.81 -1.19 0.00	31.83 -1.02 0.00	28.19 -0.87 0.00	26.41 -0.79 0.00	25.54 -0.76 0.00	25.07 -0.77 0.00	27.84 -0.86 0.00	30.53 -0.98 0.00	36.76 -1.29 0.00	45.92 -1.57 0.00	56.39 -1.80 0.00	49.29 -1.68 0.00	39.59 -1.48 0.00	36.38 -1.28 0.00	34.08 -1.13 0.00
OUTOKUMPU-AB___DRP 24206	37.62 -1.40 0.00	35.24 -1.32 0.00	32.97 -1.55 0.00	32.36 -1.70 0.00	33.25 -1.71 0.00	37.49 -1.97 0.00	52.33 -3.05 0.00	63.74 -5.09 0.00	47.23 -4.11 0.00	34.66 -2.33 0.00	30.68 -2.17 0.00	27.02 -2.03 0.00	25.30 -1.90 0.00	24.62 -1.68 0.00	24.12 -1.73 0.00	26.63 -2.07 0.00	29.27 -2.24 0.00	35.05 -3.01 0.00	44.02 -3.47 0.00	54.41 -3.78 0.00	47.04 -3.92 0.00	37.08 -3.98 0.00	34.73 -2.94 0.00	32.53 -2.68 0.00
OXBOW___BTM 323836	37.15 -1.87 0.00	34.80 -1.75 0.00	32.62 -1.90 0.00	32.05 -2.01 0.00	32.83 -2.13 0.00	36.98 -2.48 0.00	51.56 -3.82 0.00	62.78 -6.06 0.00	46.92 -4.42 0.00	34.22 -2.78 0.00	30.32 -2.53 0.00	26.70 -2.35 0.00	25.19 -2.01 0.00	24.35 -1.95 0.00	23.86 -1.99 0.00	26.40 -2.30 0.00	28.92 -2.58 0.00	34.59 -3.46 0.00	43.45 -4.04 0.00	53.65 -4.54 0.00	46.43 -4.54 0.00	36.59 -4.48 0.00	34.39 -3.28 0.00	32.14 -3.06 0.00
OXBOW____ 24026	37.15 -1.87 0.00	34.80 -1.75 0.00	32.52 -2.00 0.00	31.95 -2.11 0.00	32.83 -2.13 0.00	36.97 -2.49 0.00	51.55 -3.82 0.00	62.78 -6.06 0.00	46.56 -4.77 0.00	34.22 -2.77 0.00	30.29 -2.56 0.00	26.70 -2.35 0.00	25.00 -2.20 0.00	24.33 -1.97 0.00	23.86 -1.99 0.00	26.32 -2.38 0.00	28.96 -2.55 0.00	34.59 -3.46 0.00	43.45 -4.04 0.00	53.65 -4.54 0.00	46.43 -4.54 0.00	36.63 -4.44 0.00	34.31 -3.35 0.00	32.14 -3.06 0.00
OXY_CHEM_DSASP 323612	36.76 -2.26 0.00	34.47 -2.08 0.00	32.21 -2.31 0.00	31.64 -2.42 0.00	32.52 -2.45 0.00	36.62 -2.84 0.00	50.89 -4.49 0.00	62.02 -6.81 0.00	46.00 -5.34 0.00	33.85 -3.14 0.00	29.99 -2.86 0.00	26.47 -2.59 0.00	24.78 -2.42 0.00	24.12 -2.18 0.00	23.63 -2.22 0.00	26.09 -2.61 0.00	28.70 -2.80 0.00	34.21 -3.84 0.00	42.93 -4.56 0.00	52.95 -5.24 0.00	45.87 -5.10 0.00	36.22 -4.85 0.00	33.97 -3.69 0.00	31.86 -3.34 0.00
OZONE_PARK_ESR 323760	40.62 1.60 0.00	37.98 1.43 0.00	35.77 1.24 0.00	35.35 1.29 0.00	36.40 1.43 0.00	41.28 1.82 0.00	58.20 2.82 0.00	73.03 4.20 0.00	54.62 3.29 0.00	39.43 2.44 0.00	35.12 2.27 0.00	31.12 2.06 0.00	29.19 1.99 0.00	28.17 1.87 0.00	27.74 1.89 0.00	30.79 2.09 0.00	33.71 2.21 0.00	40.72 2.66 0.00	50.57 3.09 0.00	61.74 3.55 0.00	54.23 3.26 0.00	43.74 2.67 0.00	40.04 2.37 0.00	37.17 1.97 0.00
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	36.76 -2.26 0.00	34.47 -2.08 0.00	32.21 -2.31 0.00	31.64 -2.42 0.00	32.52 -2.45 0.00	36.62 -2.84 0.00	50.89 -4.49 0.00	62.02 -6.81 0.00	46.00 -5.34 0.00	33.85 -3.14 0.00	29.99 -2.86 0.00	26.47 -2.59 0.00	24.78 -2.42 0.00	24.12 -2.18 0.00	23.63 -2.22 0.00	26.09 -2.61 0.00	28.70 -2.80 0.00	34.21 -3.84 0.00	42.93 -4.56 0.00	52.95 -5.24 0.00	45.87 -5.10 0.00	36.22 -4.85 0.00	33.97 -3.69 0.00	31.86 -3.34 0.00
PACKARD__I15KV_DUPONT_I84 80571	36.76 -2.26 0.00	34.47 -2.08 0.00	32.21 -2.31 0.00	31.64 -2.42 0.00	32.52 -2.45 0.00	36.62 -2.84 0.00	50.89 -4.49 0.00	62.02 -6.81 0.00	46.00 -5.34 0.00	33.85 -3.14 0.00	29.99 -2.86 0.00	26.47 -2.59 0.00	24.78 -2.42 0.00	24.12 -2.18 0.00	23.63 -2.22 0.00	26.09 -2.61 0.00	28.70 -2.80 0.00	34.21 -3.84 0.00	42.93 -4.56 0.00	52.95 -5.24 0.00	45.87 -5.10 0.00	36.22 -4.85 0.00	33.97 -3.69 0.00	31.86 -3.34 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	40.43 1.40 -0.01	37.77 1.21 -0.01	35.56 1.04 0.00	35.18 1.12 0.00	36.23 1.26 -0.01	41.07 1.62 0.01	57.70 2.33 0.00	72.41 3.58 0.00	54.20 2.87 0.01	39.17 2.18 0.01	34.88 2.04 0.01	30.88 1.83 0.01	28.96 1.77 0.01	27.97 1.68 0.01	27.55 1.71 0.01	30.55 1.87 0.01	33.48 1.98 0.01	40.44 2.40 0.01	50.18 2.71 0.01	61.16 2.97 0.00	53.71 2.75 0.01	43.44 2.38 0.01	39.77 2.11 0.01	36.96 1.76 0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	40.51 1.48 -0.01	37.84 1.28 -0.01	35.66 1.14 0.00	35.25 1.19 0.00	36.30 1.33 -0.01	41.15 1.70 0.01	57.81 2.44 0.00	72.55 3.72 0.00	54.25 2.93 0.01	39.17 2.18 0.01	34.88 2.04 0.01	30.91 1.86 0.01	28.99 1.80 0.01	27.97 1.68 0.01	27.55 1.71 0.01	30.55 1.87 0.01	33.48 1.98 0.01	40.44 2.40 0.01	50.23 2.75 0.01	61.22 3.03 0.00	53.87 2.91 0.01	43.56 2.51 0.01	39.92 2.26 0.01	37.13 1.94 0.01
PATROON__I15KV_TB1 80586	39.45 0.43 0.00	36.96 0.40 0.00	34.97 0.45 0.00	34.57 0.51 0.00	35.49 0.52 0.00	40.21 0.75 0.00	56.48 1.11 0.00	70.28 1.45 0.00	52.41 1.08 0.00	37.66 0.67 0.00	33.57 0.72 0.00	29.67 0.61 0.00	27.75 0.54 0.00	26.80 0.50 0.00	26.34 0.49 0.00	29.30 0.60 0.00	32.20 0.69 0.00	38.93 0.88 0.00	48.43 0.95 0.00	59.24 1.05 0.00	51.99 1.02 0.00	42.05 0.99 0.00	38.53 0.87 0.00	36.12 0.92 0.00
PATTRSNVILLE___SOLAR 323815	40.11 1.09 0.00	37.54 0.99 0.00	35.42 0.90 0.00	35.01 0.95 0.00	36.01 1.05 0.00	41.12 1.66 0.00	57.87 2.49 0.00	71.66 2.82 0.00	52.88 1.54 0.00	37.51 0.52 0.00	33.11 0.26 0.00	29.20 0.15 0.00	27.42 0.22 0.00	26.53 0.24 0.00	26.08 0.23 0.00	29.13 0.43 0.00	32.17 0.66 0.00	39.31 1.25 0.00	49.05 1.56 0.00	60.17 1.98 0.00	52.80 1.83 0.00	42.59 1.52 0.00	38.98 1.32 0.00	36.40 1.20 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	38.47 -0.55 0.00	36.04 -0.51 0.00	33.73 -0.79 0.00	33.14 -0.92 0.00	34.06 -0.91 0.00	38.36 -1.10 0.00	53.88 -1.50 0.00	65.53 -3.30 0.00	48.56 -2.77 0.00	35.44 -1.55 0.00	31.37 -1.48 0.00	27.66 -1.39 0.00	25.90 -1.31 0.00	25.17 -1.13 0.00	24.66 -1.19 0.00	27.26 -1.43 0.00	29.90 -1.61 0.00	35.89 -2.17 0.00	45.11 -2.37 0.00	55.81 -2.39 0.00	48.22 -2.75 0.00	37.99 -3.08 0.00	35.40 -2.26 0.00	33.30 -1.90 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	40.46 1.44 0.00	37.80 1.24 0.00	35.66 1.14 0.00	35.32 1.26 0.00	36.33 1.36 0.00	41.24 1.78 0.00	58.20 2.82 0.00	72.76 3.92 0.00	54.21 2.87 0.00	38.92 1.92 0.00	34.49 1.64 0.00	30.48 1.42 0.00	28.59 1.39 0.00	27.64 1.34 0.00	27.22 1.37 0.00	30.25 1.55 0.00	33.21 1.70 0.00	40.22 2.17 0.00	50.10 2.61 0.00	61.39 3.20 0.00	53.82 2.85 0.00	43.41 2.34 0.00	39.70 2.03 0.00	36.96 1.76 0.00
PEEKSKILL____ 23653	39.95 0.93 0.00	37.36 0.80 0.00	35.21 0.69 0.00	34.81 0.75 0.00	35.84 0.87 0.00	40.64 1.18 0.00	57.26 1.88 0.00	71.72 2.89 0.00	53.49 2.16 0.00	38.58 1.59 0.00	34.29 1.44 0.00	30.39 1.34 0.00	28.45 1.25 0.00	27.51 1.21 0.00	27.09 1.24 0.00	30.05 1.35 0.00	32.99 1.48 0.00	39.81 1.75 0.00	49.53 2.04 0.00	60.52 2.33 0.00	53.11 2.14 0.00	42.92 1.85 0.00	39.25 1.58 0.00	36.51 1.30 0.00

PGE MADISON___WINDPWR 24146	41.75 2.73 0.00	39.26 2.70 0.00	37.01 2.49 0.00	36.58 2.52 0.00	37.48 2.52 0.00	42.34 2.88 0.00	60.25 4.87 0.00	75.30 6.47 0.00	55.19 3.85 0.00	38.62 1.63 0.00	33.77 0.92 0.00	29.52 0.46 0.00	27.66 0.46 0.00	26.72 0.42 0.00	26.18 0.34 0.00	29.33 0.63 0.00	32.20 0.69 0.00	39.81 1.75 0.00	50.29 2.80 0.00	62.61 4.42 0.00	54.54 3.57 0.00	43.61 2.55 0.00	39.81 2.15 0.00	36.93 1.72 0.00
PIERCEFIELD___HYD 23852	39.06 0.04 0.00	36.70 0.15 0.00	34.73 0.21 0.00	34.33 0.27 0.00	35.14 0.17 0.00	39.70 0.24 0.00	55.54 0.17 0.00	69.04 0.21 0.00	51.49 0.15 0.00	36.92 -0.07 0.00	32.62 -0.23 0.00	28.74 -0.32 0.00	26.88 -0.33 0.00	25.98 -0.32 0.00	25.51 -0.34 0.00	28.38 -0.32 0.00	31.13 -0.38 0.00	37.83 -0.23 0.00	47.34 -0.14 0.00	58.31 0.12 0.00	51.07 0.10 0.00	41.03 -0.04 0.00	37.51 -0.15 0.00	34.92 -0.28 0.00
PINELAWN_CC_1 323563	40.38 1.37 0.00	37.65 1.10 0.00	35.49 0.97 0.00	34.98 0.92 0.00	36.05 1.09 0.00	41.35 1.89 0.00	57.42 2.05 0.01	72.27 3.44 0.00	53.95 2.62 0.00	39.54 2.55 0.00	35.18 2.33 0.00	31.09 2.03 0.00	29.03 1.82 0.00	28.06 1.76 0.00	27.66 1.81 0.00	30.76 2.07 0.00	33.93 2.43 0.00	40.53 2.47 0.00	50.48 2.99 0.00	61.45 3.26 0.00	54.03 3.06 0.00	44.06 3.00 0.00	40.04 2.37 0.00	37.21 2.01 0.00
PJM_GEN_HTP_PROXY 323702	40.31 1.29 0.00	37.69 1.13 0.00	35.49 0.97 0.00	35.08 1.02 0.00	36.12 1.15 0.00	41.00 1.54 0.00	57.76 2.38 0.00	72.41 3.58 0.00	54.03 2.77 0.07	39.21 2.14 -0.07	34.82 1.97 0.00	30.89 1.83 0.00	28.92 1.71 0.00	27.96 1.66 0.00	27.53 1.68 0.00	30.51 1.81 0.00	33.49 1.99 0.00	40.34 2.28 0.00	50.09 2.61 0.00	61.16 2.97 0.00	53.72 2.75 0.00	43.36 2.30 0.00	39.66 1.99 0.00	36.86 1.65 0.00
PJM_GEN_KEystone 24065	38.71 -0.31 0.00	36.22 -0.33 0.00	34.11 -0.41 0.00	33.62 -0.44 0.00	34.55 -0.42 0.00	39.03 -0.43 0.00	54.99 -0.38 0.00	68.21 -0.62 0.00	50.70 -0.56 0.07	36.77 -0.30 -0.07	32.55 -0.30 0.00	28.82 -0.23 0.00	27.04 -0.16 0.00	26.17 -0.13 0.00	25.72 -0.13 0.00	28.50 -0.20 0.00	31.22 -0.28 0.00	37.56 -0.50 0.00	46.40 -0.62 0.47	57.61 -0.58 0.00	50.31 -0.66 0.00	40.25 -0.82 0.00	37.10 -0.56 0.00	33.99 -0.53 0.69
PJM_GEN_NEPTUNE_PROXY 323594	40.11 1.09 0.00	37.43 0.88 0.00	35.25 0.73 0.00	34.78 0.72 0.00	35.84 0.87 0.00	41.00 1.54 0.00	57.03 1.66 0.01	71.72 2.89 0.00	53.52 2.26 0.07	39.25 2.18 -0.07	34.85 2.00 0.00	30.86 1.80 0.00	28.81 1.60 0.00	27.85 1.55 0.00	27.43 1.58 0.00	30.51 1.81 0.00	33.59 2.08 0.00	40.22 2.17 0.00	49.95 2.47 0.00	60.87 2.68 0.00	53.52 2.55 0.00	43.61 2.55 0.00	39.70 2.03 0.00	36.89 1.69 0.00
PJM_GEN_VFT_PROXY 323633	40.11 1.09 0.00	37.47 0.91 0.00	35.28 0.76 0.00	34.88 0.82 0.00	35.94 0.98 0.00	40.76 1.30 0.00	57.43 2.05 0.00	68.34 3.24 3.73	53.78 2.51 0.07	39.02 1.96 -0.07	34.69 1.84 0.00	30.77 1.71 0.00	28.86 1.66 0.00	27.88 1.58 0.00	27.45 1.60 0.00	30.39 1.69 0.00	33.33 1.83 0.00	40.18 2.13 0.00	49.86 2.37 0.00	57.09 2.62 3.73	53.47 2.50 0.00	43.16 2.09 0.00	39.43 1.77 0.00	36.68 1.48 0.00
PLATSBURG_115KV_PMLD1 355749	40.62 1.60 0.00	38.31 1.75 0.00	36.35 1.83 0.00	36.00 1.94 0.00	36.92 1.96 0.00	41.79 2.33 0.00	57.54 2.16 0.00	70.42 1.58 0.00	53.39 2.05 0.00	38.99 2.00 0.00	34.49 1.64 0.00	30.42 1.37 0.00	28.43 1.22 0.00	27.46 1.16 0.00	26.96 1.11 0.00	29.96 1.26 0.00	32.89 1.39 0.00	39.80 1.75 0.00	49.76 2.28 0.00	61.04 2.85 0.00	53.31 2.34 0.00	42.71 1.64 0.00	39.13 1.47 0.00	36.40 1.20 0.00
PLEASANTVLY___LBMP 24000	39.92 0.90 0.00	37.32 0.77 0.00	35.25 0.72 0.00	34.81 0.75 0.00	35.80 0.84 0.00	40.60 1.14 0.00	57.09 1.72 0.00	71.45 2.62 0.00	53.34 2.00 0.00	38.47 1.48 0.00	34.20 1.35 0.00	30.31 1.25 0.00	28.40 1.20 0.00	27.43 1.13 0.00	27.01 1.16 0.00	29.96 1.26 0.00	32.89 1.39 0.00	39.77 1.71 0.00	49.43 1.95 0.00	60.34 2.15 0.00	53.01 2.04 0.00	42.83 1.77 0.00	39.21 1.54 0.00	36.54 1.34 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.19 1.17 0.00	37.54 0.99 0.00	35.42 0.90 0.00	35.01 0.95 0.00	36.01 1.05 0.00	40.88 1.42 0.00	57.54 2.16 0.00	72.14 3.30 0.00	53.85 2.52 0.00	38.88 1.89 0.00	34.56 1.71 0.00	30.63 1.57 0.00	28.70 1.50 0.00	27.72 1.42 0.00	27.30 1.45 0.00	30.28 1.58 0.00	33.21 1.70 0.00	40.15 2.09 0.00	49.86 2.37 0.00	60.93 2.74 0.00	53.52 2.55 0.00	43.20 2.14 0.00	39.51 1.85 0.00	36.75 1.55 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.19 1.17 0.00	37.54 0.99 0.00	35.42 0.90 0.00	35.01 0.95 0.00	36.01 1.05 0.00	40.88 1.42 0.00	57.54 2.16 0.00	72.14 3.30 0.00	53.85 2.52 0.00	38.88 1.89 0.00	34.56 1.71 0.00	30.63 1.57 0.00	28.70 1.50 0.00	27.72 1.42 0.00	27.30 1.45 0.00	30.28 1.58 0.00	33.21 1.70 0.00	40.15 2.09 0.00	49.86 2.37 0.00	60.93 2.74 0.00	53.52 2.55 0.00	43.20 2.14 0.00	39.51 1.85 0.00	36.75 1.55 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.11 1.09 0.00	37.50 0.95 0.00	35.39 0.86 0.00	34.98 0.92 0.00	35.98 1.01 0.00	40.80 1.34 0.00	57.48 2.10 0.00	71.86 3.03 0.00	53.54 2.21 0.00	38.55 1.55 0.00	34.20 1.35 0.00	30.25 1.19 0.00	28.35 1.14 0.00	27.40 1.10 0.00	26.99 1.14 0.00	29.96 1.26 0.00	32.89 1.39 0.00	39.80 1.75 0.00	49.57 2.09 0.00	60.64 2.44 0.00	53.26 2.29 0.00	43.00 1.93 0.00	39.32 1.66 0.00	36.68 1.48 0.00
POLETTI___ 23519	40.42 1.40 0.00	37.76 1.21 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.22 1.26 0.00	41.08 1.62 0.00	57.81 2.44 0.00	72.48 3.65 0.00	54.21 2.87 0.00	39.18 2.18 0.00	34.89 2.04 0.00	30.92 1.86 0.00	29.00 1.80 0.00	27.98 1.68 0.00	27.58 1.73 0.00	30.59 1.89 0.00	33.49 1.98 0.00	40.45 2.40 0.00	50.14 2.66 0.00	61.22 3.03 0.00	53.77 2.80 0.00	43.41 2.34 0.00	39.77 2.11 0.00	36.96 1.76 0.00
POMONA___ESR 323819	39.88 0.86 0.00	37.28 0.73 0.00	35.18 0.65 0.00	34.74 0.68 0.00	35.77 0.80 0.00	40.56 1.10 0.00	57.20 1.82 0.00	71.72 2.89 0.00	53.49 2.16 0.00	38.55 1.55 0.00	34.23 1.38 0.00	30.33 1.28 0.00	28.40 1.20 0.00	27.45 1.16 0.00	27.06 1.22 0.00	30.02 1.32 0.00	32.89 1.38 0.00	39.73 1.67 0.00	49.43 1.95 0.00	60.46 2.27 0.00	53.06 2.09 0.00	42.83 1.76 0.00	39.17 1.51 0.00	36.47 1.27 0.00
PORT_JEFF_3 23555	40.31 1.29 0.00	37.47 0.91 0.00	35.39 0.86 0.00	34.88 0.82 0.00	35.94 0.98 0.00	41.39 1.93 0.00	57.19 1.82 0.01	72.07 3.24 0.00	53.75 2.41 0.00	39.84 2.85 0.00	35.48 2.63 0.00	31.35 2.29 0.00	29.24 2.04 0.00	28.27 1.97 0.00	27.87 2.02 0.00	31.02 2.32 0.00	34.28 2.77 0.00	40.53 2.47 0.00	50.53 3.04 0.00	61.45 3.26 0.00	54.03 3.06 0.00	44.23 3.16 0.00	40.00 2.34 0.00	37.21 2.01 0.00

PORT_JEFF_4 23616	40.19 1.17 0.00	37.39 0.84 0.00	35.32 0.79 0.00	34.81 0.75 0.00	35.87 0.91 0.00	41.28 1.82 0.00	57.09 1.72 0.01	71.93 3.10 0.00	53.65 2.31 0.00	39.69 2.70 0.00	35.34 2.50 0.00	31.24 2.18 0.00	29.13 1.93 0.00	28.17 1.87 0.00	27.76 1.91 0.00	30.91 2.21 0.00	34.12 2.61 0.00	40.41 2.36 0.00	50.38 2.90 0.00	61.27 3.08 0.00	53.87 2.90 0.00	44.06 3.00 0.00	39.92 2.26 0.00	37.14 1.93 0.00
PORT_JEFF_IC 23713	40.27 1.25 0.00	37.43 0.88 0.00	35.35 0.83 0.00	34.94 0.89 0.00	35.94 0.98 0.00	41.35 1.89 0.00	57.14 1.77 0.01	72.00 3.17 0.00	53.80 2.46 0.00	39.84 2.85 0.00	35.44 2.60 0.00	31.32 2.27 0.00	29.24 2.04 0.00	28.27 1.97 0.00	27.84 1.99 0.00	31.02 2.32 0.00	34.00 2.49 0.00	40.76 2.70 0.00	50.48 2.99 0.00	61.45 3.26 0.00	53.98 3.01 0.00	44.02 2.96 0.00	40.23 2.56 0.00	37.21 2.01 0.00
PPL_PILGRIM_ST_GT1 24216	40.46 1.44 0.00	37.69 1.13 0.00	35.56 1.03 0.00	35.01 0.95 0.00	36.12 1.15 0.00	41.55 2.09 0.00	57.53 2.16 0.01	72.48 3.65 0.00	54.11 2.77 0.00	39.80 2.81 0.00	35.41 2.56 0.00	31.29 2.24 0.00	29.19 1.98 0.00	28.22 1.92 0.00	27.81 1.96 0.00	30.96 2.27 0.00	34.15 2.65 0.00	40.68 2.62 0.00	50.72 3.23 0.00	61.68 3.49 0.00	54.23 3.26 0.00	44.31 3.24 0.00	40.19 2.52 0.00	37.35 2.15 0.00
PPL_PILGRIM_ST_GT2 24217	40.46 1.44 0.00	37.69 1.13 0.00	35.56 1.03 0.00	35.01 0.95 0.00	36.12 1.15 0.00	41.55 2.09 0.00	57.53 2.16 0.01	72.48 3.65 0.00	54.11 2.77 0.00	39.80 2.81 0.00	35.41 2.56 0.00	31.29 2.24 0.00	29.19 1.98 0.00	28.22 1.92 0.00	27.81 1.96 0.00	30.96 2.27 0.00	34.15 2.65 0.00	40.68 2.62 0.00	50.72 3.23 0.00	61.68 3.49 0.00	54.23 3.26 0.00	44.31 3.24 0.00	40.19 2.52 0.00	37.35 2.15 0.00
PPL_SHRM_GT3 24213	39.53 0.51 0.00	36.52 -0.04 0.00	34.66 0.14 0.00	34.16 0.10 0.00	35.24 0.28 0.00	40.64 1.18 0.00	55.81 0.44 0.01	70.42 1.58 0.00	52.42 1.08 0.00	39.80 2.81 0.00	35.44 2.59 0.00	31.32 2.27 0.00	29.22 2.01 0.00	28.27 1.97 0.00	27.84 1.99 0.00	31.05 2.35 0.00	34.31 2.80 0.00	39.58 1.52 0.00	49.43 1.95 0.00	60.11 1.92 0.00	52.91 1.94 0.00	43.57 2.51 0.00	39.13 1.47 0.00	36.61 1.41 0.00
PPL_SHRM_GT4 24214	39.53 0.51 0.00	36.52 -0.04 0.00	34.66 0.14 0.00	34.16 0.10 0.00	35.24 0.28 0.00	40.64 1.18 0.00	55.81 0.44 0.01	70.42 1.58 0.00	52.42 1.08 0.00	39.80 2.81 0.00	35.44 2.59 0.00	31.32 2.27 0.00	29.22 2.01 0.00	28.27 1.97 0.00	27.84 1.99 0.00	31.05 2.35 0.00	34.31 2.80 0.00	39.58 1.52 0.00	49.43 1.95 0.00	60.11 1.92 0.00	52.91 1.94 0.00	43.57 2.51 0.00	39.13 1.47 0.00	36.61 1.41 0.00
PROJECT___ORANGE 1 24174	38.51 -0.51 0.00	36.04 -0.51 0.00	34.00 -0.52 0.00	33.48 -0.58 0.00	34.34 -0.63 0.00	38.63 -0.83 0.00	54.43 -0.94 0.00	67.60 -1.24 0.00	50.21 -1.13 0.00	36.25 -0.74 0.00	32.19 -0.66 0.00	28.48 -0.58 0.00	26.66 -0.54 0.00	25.80 -0.50 0.00	25.31 -0.54 0.00	28.09 -0.60 0.00	30.85 -0.66 0.00	37.14 -0.91 0.00	46.44 -1.04 0.00	57.09 -1.11 0.00	49.85 -1.12 0.00	40.00 -1.07 0.00	36.72 -0.94 0.00	34.39 -0.81 0.00
PROJECT___ORANGE 2 24166	38.51 -0.51 0.00	36.04 -0.51 0.00	34.00 -0.52 0.00	33.48 -0.58 0.00	34.34 -0.63 0.00	38.63 -0.83 0.00	54.43 -0.94 0.00	67.60 -1.24 0.00	50.21 -1.13 0.00	36.25 -0.74 0.00	32.19 -0.66 0.00	28.48 -0.58 0.00	26.66 -0.54 0.00	25.80 -0.50 0.00	25.31 -0.54 0.00	28.09 -0.60 0.00	30.85 -0.66 0.00	37.14 -0.91 0.00	46.44 -1.04 0.00	57.09 -1.11 0.00	49.85 -1.12 0.00	40.00 -1.07 0.00	36.72 -0.94 0.00	34.39 -0.81 0.00
PUCKETT___SOLAR 323809	39.61 0.59 0.00	37.14 0.58 0.00	35.01 0.48 0.00	34.50 0.44 0.00	35.42 0.45 0.00	39.97 0.51 0.00	56.54 1.16 0.00	70.21 1.38 0.00	51.90 0.57 0.00	37.07 0.07 0.00	32.65 -0.20 0.00	28.74 -0.32 0.00	26.96 -0.25 0.00	26.06 -0.24 0.00	25.56 -0.28 0.00	28.44 -0.26 0.00	31.22 -0.28 0.00	38.02 -0.04 0.00	47.82 0.33 0.00	58.95 0.75 0.00	51.48 0.51 0.00	41.23 0.16 0.00	37.82 0.15 0.00	35.34 0.14 0.00
PYRITES___HYD 24023	39.92 0.90 0.00	37.50 0.95 0.00	35.52 1.00 0.00	35.15 1.09 0.00	35.94 0.98 0.00	40.60 1.14 0.00	56.93 1.55 0.00	70.76 1.93 0.00	52.62 1.28 0.00	37.51 0.52 0.00	33.11 0.26 0.00	29.11 0.06 0.00	27.23 0.03 0.00	26.32 0.03 0.00	25.85 0.00 0.00	28.78 0.09 0.00	31.57 0.06 0.00	38.47 0.42 0.00	48.24 0.76 0.00	59.59 1.40 0.00	52.19 1.22 0.00	41.93 0.86 0.00	38.34 0.68 0.00	35.63 0.42 0.00
QUAKERRD_115KV_BK1 80622	37.22 -1.79 0.00	34.87 -1.68 0.00	32.76 -1.76 0.00	32.22 -1.84 0.00	33.08 -1.89 0.00	37.29 -2.17 0.00	52.27 -3.10 0.00	64.64 -4.20 0.00	48.00 -3.34 0.00	34.81 -2.18 0.00	30.81 -2.04 0.00	27.17 -1.89 0.00	25.46 -1.74 0.00	24.67 -1.63 0.00	24.22 -1.63 0.00	26.83 -1.87 0.00	29.49 -2.02 0.00	35.47 -2.59 0.00	44.54 -2.94 0.00	54.82 -3.38 0.00	47.71 -3.26 0.00	38.03 -3.04 0.00	35.22 -2.45 0.00	32.84 -2.36 0.00
QUEENSBRY_115KV_TB8 356137	39.84 0.82 0.00	37.32 0.77 0.00	35.21 0.69 0.00	34.88 0.82 0.00	35.91 0.94 0.00	40.76 1.30 0.00	57.70 2.33 0.00	71.93 3.10 0.00	53.13 1.80 0.00	37.70 0.70 0.00	33.28 0.43 0.00	29.23 0.17 0.00	27.31 0.11 0.00	26.27 -0.03 0.00	25.82 -0.03 0.00	28.87 0.17 0.00	31.89 0.38 0.00	39.04 0.99 0.00	48.86 1.38 0.00	60.05 1.86 0.00	52.70 1.73 0.00	42.54 1.48 0.00	38.87 1.21 0.00	36.29 1.09 0.00
RAMAPO___LBMP 323565	39.76 0.74 0.00	37.17 0.62 0.00	35.04 0.52 0.00	34.64 0.58 0.00	35.63 0.66 0.00	40.41 0.95 0.00	56.93 1.55 0.00	71.38 2.55 0.00	53.24 1.90 0.00	38.40 1.41 0.00	34.10 1.25 0.00	30.22 1.16 0.00	28.32 1.12 0.00	27.35 1.05 0.00	26.93 1.09 0.00	29.90 1.21 0.00	32.77 1.26 0.00	39.58 1.52 0.00	49.19 1.71 0.00	60.17 1.98 0.00	52.80 1.83 0.00	42.63 1.56 0.00	39.02 1.36 0.00	36.29 1.09 0.00
RANKINE____ 23646	38.08 -0.94 0.00	35.68 -0.88 0.00	33.35 -1.17 0.00	32.76 -1.29 0.00	33.67 -1.29 0.00	37.92 -1.54 0.00	53.11 -2.27 0.00	64.64 -4.20 0.00	47.90 -3.44 0.00	35.11 -1.89 0.00	31.04 -1.81 0.00	27.37 -1.69 0.00	25.62 -1.58 0.00	24.93 -1.37 0.00	24.43 -1.42 0.00	26.98 -1.72 0.00	29.62 -1.89 0.00	35.50 -2.55 0.00	44.59 -2.90 0.00	55.11 -3.08 0.00	47.66 -3.31 0.00	37.53 -3.53 0.00	35.07 -2.60 0.00	32.88 -2.32 0.00
RAVENSWOOD_GT2_1 24244	40.39 1.37 0.00	37.72 1.17 0.00	35.56 1.04 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.04 1.58 0.00	57.81 2.44 0.00	72.48 3.65 0.00	54.21 2.87 0.00	39.18 2.18 0.00	34.85 2.00 0.00	30.89 1.83 0.00	28.97 1.77 0.00	27.98 1.68 0.00	27.55 1.71 0.00	30.56 1.87 0.00	33.46 1.95 0.00	40.41 2.36 0.00	50.14 2.66 0.00	61.22 3.03 0.00	53.77 2.80 0.00	43.41 2.34 0.00	39.74 2.07 0.00	36.93 1.72 0.00

RAVENSWOOD_GT2_2 24245	40.39 1.37 0.00	37.72 1.17 0.00	35.56 1.04 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.04 1.58 0.00	57.81 2.44 0.00	72.48 3.65 0.00	54.21 2.87 0.00	39.18 2.18 0.00	34.85 2.00 0.00	30.89 1.83 0.00	28.97 1.77 0.00	27.98 1.68 0.00	27.55 1.71 0.00	30.56 1.87 0.00	33.46 1.95 0.00	40.41 2.36 0.00	50.14 2.66 0.00	61.22 3.03 0.00	53.77 2.80 0.00	43.41 2.34 0.00	39.74 2.07 0.00	36.93 1.72 0.00
RAVENSWOOD_GT2_3 24246	40.39 1.37 0.00	37.76 1.21 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.19 1.22 0.00	41.08 1.62 0.00	57.81 2.44 0.00	72.55 3.72 0.00	54.26 2.93 0.00	39.18 2.18 0.00	34.89 2.04 0.00	30.92 1.86 0.00	28.97 1.77 0.00	27.98 1.68 0.00	27.55 1.71 0.00	30.56 1.87 0.00	33.49 1.98 0.00	40.45 2.40 0.00	50.19 2.71 0.00	61.28 3.08 0.00	53.82 2.85 0.00	43.45 2.38 0.00	39.77 2.11 0.00	36.93 1.72 0.00
RAVENSWOOD_GT2_4 24247	40.39 1.37 0.00	37.76 1.21 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.19 1.22 0.00	41.08 1.62 0.00	57.81 2.44 0.00	72.55 3.72 0.00	54.26 2.93 0.00	39.18 2.18 0.00	34.89 2.04 0.00	30.92 1.86 0.00	28.97 1.77 0.00	27.98 1.68 0.00	27.55 1.71 0.00	30.56 1.87 0.00	33.49 1.98 0.00	40.45 2.40 0.00	50.19 2.71 0.00	61.28 3.08 0.00	53.82 2.85 0.00	43.45 2.38 0.00	39.77 2.11 0.00	36.93 1.72 0.00
RAVENSWOOD_GT3_1 24248	40.39 1.37 0.00	37.76 1.21 0.00	35.56 1.04 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.04 1.58 0.00	57.81 2.44 0.00	72.48 3.65 0.00	54.21 2.87 0.00	39.18 2.18 0.00	34.85 2.00 0.00	30.89 1.83 0.00	28.97 1.77 0.00	27.98 1.68 0.00	27.55 1.71 0.00	30.56 1.87 0.00	33.46 1.95 0.00	40.41 2.36 0.00	50.19 2.71 0.00	61.22 3.03 0.00	53.77 2.80 0.00	43.41 2.34 0.00	39.74 2.07 0.00	36.93 1.72 0.00
RAVENSWOOD_GT3_2 24249	40.39 1.37 0.00	37.76 1.21 0.00	35.56 1.04 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.04 1.58 0.00	57.81 2.44 0.00	72.48 3.65 0.00	54.21 2.87 0.00	39.18 2.18 0.00	34.85 2.00 0.00	30.89 1.83 0.00	28.97 1.77 0.00	27.98 1.68 0.00	27.55 1.71 0.00	30.56 1.87 0.00	33.46 1.95 0.00	40.41 2.36 0.00	50.19 2.71 0.00	61.22 3.03 0.00	53.77 2.80 0.00	43.41 2.34 0.00	39.74 2.07 0.00	36.93 1.72 0.00
RAVENSWOOD_GT3_3 24250	40.42 1.40 0.00	37.80 1.24 0.00	35.59 1.07 0.00	35.18 1.12 0.00	36.22 1.26 0.00	41.08 1.62 0.00	57.87 2.49 0.00	72.62 3.79 0.00	54.31 2.98 0.00	39.21 2.22 0.00	34.92 2.07 0.00	30.95 1.89 0.00	29.00 1.80 0.00	28.01 1.71 0.00	27.58 1.73 0.00	30.59 1.89 0.00	33.52 2.02 0.00	40.49 2.44 0.00	50.24 2.75 0.00	61.33 3.14 0.00	53.87 2.91 0.00	43.49 2.42 0.00	39.77 2.11 0.00	36.96 1.76 0.00
RAVENSWOOD_GT3_4 24251	40.42 1.40 0.00	37.80 1.24 0.00	35.59 1.07 0.00	35.18 1.12 0.00	36.22 1.26 0.00	41.08 1.62 0.00	57.87 2.49 0.00	72.62 3.79 0.00	54.31 2.98 0.00	39.21 2.22 0.00	34.92 2.07 0.00	30.95 1.89 0.00	29.00 1.80 0.00	28.01 1.71 0.00	27.58 1.73 0.00	30.59 1.89 0.00	33.52 2.02 0.00	40.49 2.44 0.00	50.24 2.75 0.00	61.33 3.14 0.00	53.87 2.91 0.00	43.49 2.42 0.00	39.77 2.11 0.00	36.96 1.76 0.00
RAVENSWOOD_GT_1 23729	41.85 1.60 -1.23	39.47 1.39 -1.52	37.58 1.21 -1.85	37.26 1.29 -1.91	38.16 1.43 -1.76	42.58 1.82 -1.31	58.03 2.66 0.00	72.83 3.99 0.00	54.72 3.18 -0.20	54.41 2.37 -15.05	53.66 2.20 -18.61	55.79 2.00 -24.73	56.22 1.93 -27.08	55.59 1.84 -27.45	55.89 1.86 -28.18	55.09 2.04 -24.35	54.19 2.14 -20.54	57.60 2.59 -16.96	60.71 2.94 -10.28	65.10 3.32 -3.59	62.46 3.06 -8.43	46.67 2.59 -3.02	43.83 2.30 -3.87	39.52 1.94 -2.38
RAVENSWOOD_GT_10 24258	40.38 1.37 0.00	37.72 1.17 0.00	35.56 1.04 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.01 1.58 0.03	57.81 2.44 0.00	72.48 3.65 0.00	54.20 2.87 0.01	37.97 2.15 1.17	33.40 2.00 1.46	28.95 1.83 1.93	26.84 1.77 2.13	25.83 1.68 2.15	25.36 1.71 2.20	28.67 1.87 1.89	31.87 1.95 1.59	39.37 2.36 1.05	49.63 2.66 0.52	61.22 3.03 0.00	53.39 2.80 0.38	43.26 2.34 0.15	39.54 2.07 0.19	36.88 1.72 0.05
RAVENSWOOD_GT_11 24259	40.38 1.37 0.00	37.72 1.17 0.00	35.56 1.04 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.01 1.58 0.03	57.81 2.44 0.00	72.48 3.65 0.00	54.20 2.87 0.01	37.97 2.15 1.17	33.40 2.00 1.46	28.95 1.83 1.93	26.84 1.77 2.13	25.83 1.68 2.15	25.36 1.71 2.20	28.67 1.87 1.89	31.87 1.95 1.59	39.37 2.36 1.05	49.63 2.66 0.52	61.22 3.03 0.00	53.39 2.80 0.38	43.26 2.34 0.15	39.54 2.07 0.19	36.88 1.72 0.05
RAVENSWOOD_GT_4 24252	41.27 1.33 -0.92	38.83 1.13 -1.15	36.93 1.00 -1.41	36.57 1.06 -1.45	37.48 1.19 -1.33	41.58 1.54 -0.58	57.76 2.38 0.00	72.41 3.58 0.00	54.15 2.82 0.01	32.80 2.15 6.34	26.85 1.97 7.97	20.31 1.80 10.55	17.14 1.74 11.80	16.12 1.66 11.83	15.59 1.68 11.93	20.27 1.84 10.26	24.87 1.92 8.56	37.39 2.32 2.98	50.09 2.61 0.01	63.95 3.03 -2.73	54.38 2.80 -0.60	43.36 2.30 0.01	39.70 2.03 -0.01	37.97 1.69 -1.07
RAVENSWOOD_GT_5 24254	41.27 1.33 -0.92	38.83 1.13 -1.15	36.93 1.00 -1.41	36.57 1.06 -1.45	37.48 1.19 -1.33	41.58 1.54 -0.58	57.76 2.38 0.00	72.41 3.58 0.00	54.15 2.82 0.01	32.80 2.15 6.34	26.85 1.97 7.97	20.31 1.80 10.55	17.14 1.74 11.80	16.12 1.66 11.83	15.59 1.68 11.93	20.27 1.84 10.26	24.87 1.92 8.56	37.39 2.32 2.98	50.09 2.61 0.01	63.95 3.03 -2.73	54.38 2.80 -0.60	43.36 2.30 0.01	39.70 2.03 -0.01	37.97 1.69 -1.07
RAVENSWOOD_GT_6 24253	41.27 1.33 -0.92	38.83 1.13 -1.15	36.93 1.00 -1.41	36.57 1.06 -1.45	37.48 1.19 -1.33	41.58 1.54 -0.58	57.76 2.38 0.00	72.41 3.58 0.00	54.15 2.82 0.01	32.80 2.15 6.34	26.85 1.97 7.97	20.31 1.80 10.55	17.14 1.74 11.80	16.12 1.66 11.83	15.59 1.68 11.93	20.27 1.84 10.26	24.87 1.92 8.56	37.39 2.32 2.98	50.09 2.61 0.01	63.95 3.03 -2.73	54.38 2.80 -0.60	43.36 2.30 0.01	39.70 2.03 -0.01	37.97 1.69 -1.07
RAVENSWOOD_GT_7 24255	41.27 1.33 -0.92	38.83 1.13 -1.15	36.93 1.00 -1.41	36.57 1.06 -1.45	37.48 1.19 -1.33	41.58 1.54 -0.58	57.76 2.38 0.00	72.41 3.58 0.00	54.15 2.82 0.01	32.80 2.15 6.34	26.85 1.97 7.97	20.31 1.80 10.55	17.14 1.74 11.80	16.12 1.66 11.83	15.59 1.68 11.93	20.27 1.84 10.26	24.87 1.92 8.56	37.39 2.32 2.98	50.09 2.61 0.01	63.95 3.03 -2.73	54.38 2.80 -0.60	43.36 2.30 0.01	39.70 2.03 -0.01	37.97 1.69 -1.07
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.38 1.37 0.00	37.72 1.17 0.00	35.56 1.04 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.01 1.58 0.03	57.81 2.44 0.00	72.48 3.65 0.00	54.20 2.87 0.01	37.97 2.15 1.17	33.40 2.00 1.46	28.95 1.83 1.93	26.84 1.77 2.13	25.83 1.68 2.15	25.36 1.71 2.20	28.67 1.87 1.89	31.87 1.95 1.59	39.37 2.36 1.05	49.63 2.66 0.52	61.22 3.03 0.00	53.39 2.80 0.38	43.26 2.34 0.15	39.54 2.07 0.19	36.88 1.72 0.05

RAVENSWOOD_GT_9 24257	40.38 1.37 0.00	37.72 1.17 0.00	35.56 1.04 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.01 1.58 0.03	57.81 2.44 0.00	72.48 3.65 0.00	54.20 2.87 0.01	37.97 2.15 1.17	33.40 2.00 1.46	28.95 1.83 1.93	26.84 1.77 2.13	25.83 1.68 2.15	25.36 1.71 2.20	28.67 1.87 1.89	31.87 1.95 1.59	39.37 2.36 1.05	49.63 2.66 0.52	61.22 3.03 0.00	53.39 2.80 0.38	43.26 2.34 0.15	39.54 2.07 0.19	36.88 1.72 0.05
RAVENSWOOD___1 23533	40.59 1.56 -0.01	37.95 1.39 -0.01	35.73 1.21 0.00	35.32 1.26 0.00	36.37 1.40 -0.01	41.55 1.82 -0.27	57.98 2.60 0.00	72.76 3.92 0.00	54.52 3.08 -0.10	50.98 2.37 -11.62	49.48 2.17 -14.46	50.22 1.98 -19.18	50.25 1.88 -21.17	49.49 1.81 -21.37	49.49 1.84 -21.80	49.48 1.98 -18.81	49.48 2.17 -15.80	50.98 2.55 -10.38	55.55 2.95 -5.12	61.45 3.26 0.00	57.88 3.11 -3.80	45.16 2.59 -1.50	41.92 2.34 -1.92	37.59 1.90 -0.48
RAVENSWOOD___2 23534	40.59 1.56 -0.01	37.95 1.39 -0.01	35.73 1.21 0.00	35.28 1.22 0.00	36.37 1.40 -0.01	41.51 1.78 -0.27	57.98 2.60 0.00	72.76 3.92 0.00	54.52 3.08 -0.10	50.90 2.33 -11.58	49.42 2.17 -14.41	50.15 1.98 -19.11	50.17 1.88 -21.09	49.38 1.79 -21.29	49.41 1.84 -21.72	49.41 1.98 -18.74	49.39 2.14 -15.74	50.91 2.51 -10.34	55.53 2.95 -5.10	61.45 3.26 0.00	57.86 3.11 -3.78	45.15 2.59 -1.50	41.91 2.34 -1.91	37.59 1.90 -0.48
RAVENSWOOD___3 23535	40.38 1.37 0.00	37.76 1.20 0.00	35.56 1.03 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.04 1.58 0.00	57.81 2.43 0.00	72.48 3.65 0.00	54.16 2.82 0.00	39.18 2.18 0.00	34.85 2.00 0.00	30.89 1.83 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.55 1.71 0.00	30.54 1.84 0.00	33.49 1.99 0.00	40.41 2.36 0.00	50.19 2.71 0.00	61.22 3.02 0.00	53.77 2.80 0.00	43.45 2.38 0.00	39.73 2.07 0.00	36.93 1.72 0.00
RAVENSWOOD___4 23820	39.39 1.56 1.19	36.46 1.39 1.48	33.88 1.17 1.82	33.41 1.22 1.88	34.65 1.40 1.72	40.48 1.78 0.76	57.98 2.60 0.00	72.76 3.92 0.00	54.42 3.08 -0.01	47.52 2.33 -8.20	45.30 2.13 -10.31	44.68 1.98 -13.64	44.31 1.85 -15.26	43.39 1.79 -15.30	43.09 1.81 -15.44	43.92 1.95 -13.27	44.72 2.14 -11.07	44.42 2.51 -3.86	50.39 2.90 -0.01	57.86 3.20 3.53	53.25 3.06 0.78	43.62 2.55 -0.01	39.95 2.30 0.01	35.71 1.90 1.39
RCPL_TRUST___DRP 24196	40.35 1.33 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.15 1.09 0.00	36.15 1.19 0.00	41.04 1.58 0.00	57.87 2.49 0.00	72.55 3.72 0.00	54.26 2.93 0.00	39.21 2.22 0.00	34.92 2.07 0.00	30.95 1.89 0.00	29.00 1.80 0.00	28.01 1.71 0.00	27.58 1.73 0.00	30.59 1.89 0.00	33.52 2.02 0.00	40.45 2.40 0.00	50.14 2.66 0.00	61.28 3.08 0.00	53.82 2.85 0.00	43.37 2.30 0.00	39.74 2.07 0.00	36.89 1.69 0.00
RED___ROCHESTER 323720	38.08 -0.94 0.00	35.68 -0.88 0.00	33.52 -1.00 0.00	32.97 -1.09 0.00	33.78 -1.19 0.00	38.08 -1.38 0.00	53.44 -1.94 0.00	65.95 -2.89 0.00	49.18 -2.15 0.00	35.51 -1.48 0.00	31.44 -1.41 0.00	27.69 -1.37 0.00	26.06 -1.14 0.00	25.20 -1.10 0.00	24.69 -1.16 0.00	27.38 -1.32 0.00	30.03 -1.48 0.00	36.15 -1.90 0.00	45.49 -1.99 0.00	56.10 -2.09 0.00	48.73 -2.24 0.00	38.73 -2.34 0.00	35.97 -1.69 0.00	33.48 -1.72 0.00
REGAN___SOLAR 323812	41.44 2.42 0.00	38.82 2.27 0.00	36.56 2.04 0.00	36.21 2.15 0.00	37.31 2.34 0.00	42.70 3.24 0.00	60.36 4.99 0.00	74.62 5.78 0.00	54.52 3.18 0.00	38.21 1.22 0.00	33.61 0.76 0.00	29.52 0.46 0.00	27.72 0.52 0.00	26.80 0.50 0.00	26.31 0.47 0.00	29.50 0.80 0.00	32.67 1.17 0.00	40.26 2.21 0.00	50.57 3.08 0.00	62.38 4.19 0.00	54.69 3.72 0.00	44.06 3.00 0.00	40.26 2.60 0.00	37.53 2.32 0.00
RENSSELAER___COGEN 23796	39.29 0.28 0.00	36.81 0.26 0.00	34.83 0.31 0.00	34.43 0.38 0.00	35.35 0.39 0.00	40.01 0.55 0.00	56.15 0.77 0.00	69.87 1.03 0.00	52.05 0.72 0.00	37.51 0.52 0.00	33.44 0.59 0.00	29.58 0.52 0.00	27.64 0.43 0.00	26.72 0.42 0.00	26.26 0.41 0.00	29.18 0.49 0.00	32.10 0.60 0.00	38.82 0.76 0.00	48.24 0.76 0.00	58.95 0.75 0.00	51.78 0.81 0.00	41.89 0.82 0.00	38.38 0.71 0.00	35.98 0.77 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.01 1.99 0.00	38.45 1.90 0.00	36.28 1.76 0.00	35.97 1.91 0.00	37.13 2.17 0.00	42.26 2.80 0.00	60.03 4.65 0.00	74.89 6.06 0.00	54.88 3.54 0.00	38.47 1.48 0.00	33.83 0.99 0.00	29.67 0.61 0.00	27.64 0.44 0.00	26.48 0.18 0.00	26.03 0.18 0.00	29.21 0.52 0.00	32.30 0.79 0.00	39.84 1.79 0.00	50.14 2.66 0.00	61.97 3.78 0.00	54.44 3.47 0.00	43.78 2.71 0.00	40.00 2.34 0.00	37.28 2.08 0.00
REVERE_CPPR_DRP 24186	40.27 1.25 0.00	37.80 1.24 0.00	35.66 1.14 0.00	35.18 1.12 0.00	36.05 1.08 0.00	40.68 1.22 0.00	57.48 2.10 0.00	71.79 2.96 0.00	53.13 1.80 0.00	37.73 0.74 0.00	33.31 0.46 0.00	29.26 0.20 0.00	27.39 0.19 0.00	26.48 0.18 0.00	26.00 0.16 0.00	28.96 0.26 0.00	31.79 0.28 0.00	38.85 0.80 0.00	48.72 1.23 0.00	60.23 2.04 0.00	52.65 1.68 0.00	42.38 1.31 0.00	38.64 0.98 0.00	35.94 0.74 0.00
REYNOLDS_115KV_TB3 80639	39.49 0.47 0.00	36.96 0.40 0.00	34.97 0.45 0.00	34.54 0.48 0.00	35.49 0.52 0.00	40.25 0.79 0.00	56.43 1.05 0.00	70.21 1.38 0.00	52.36 1.03 0.00	37.73 0.74 0.00	33.57 0.72 0.00	29.70 0.64 0.00	27.80 0.60 0.00	26.85 0.55 0.00	26.39 0.54 0.00	29.33 0.63 0.00	32.26 0.76 0.00	39.01 0.95 0.00	48.48 1.00 0.00	59.18 0.99 0.00	51.99 1.02 0.00	42.09 1.03 0.00	38.57 0.90 0.00	36.19 0.99 0.00
RIVERBAY____ 323610	40.51 1.48 -0.01	37.84 1.28 -0.01	35.66 1.14 0.00	35.25 1.19 0.00	36.30 1.33 -0.01	41.15 1.70 0.01	57.81 2.44 0.00	72.55 3.72 0.00	54.25 2.93 0.01	39.17 2.18 0.01	34.88 2.04 0.01	30.91 1.86 0.01	28.99 1.80 0.01	27.97 1.68 0.01	27.55 1.71 0.01	30.55 1.87 0.01	33.48 1.98 0.01	40.44 2.40 0.01	50.23 2.75 0.01	61.22 3.03 0.00	53.87 2.91 0.01	43.56 2.51 0.01	39.92 2.26 0.01	37.13 1.94 0.01
RIVERSDE_115KV_TB3 55908	39.41 0.39 0.00	36.88 0.33 0.00	34.94 0.41 0.00	34.54 0.48 0.00	35.45 0.49 0.00	40.17 0.71 0.00	56.37 1.00 0.00	70.14 1.31 0.00	52.31 0.98 0.00	37.66 0.67 0.00	33.54 0.69 0.00	29.67 0.61 0.00	27.75 0.54 0.00	26.80 0.50 0.00	26.34 0.49 0.00	29.27 0.57 0.00	32.20 0.69 0.00	38.97 0.91 0.00	48.39 0.90 0.00	59.12 0.93 0.00	51.94 0.97 0.00	42.01 0.94 0.00	38.49 0.83 0.00	36.12 0.92 0.00
ROARING___BROOK_WT_PWR 323790	39.02 0.00 0.00	36.59 0.04 0.00	34.59 0.07 0.00	34.16 0.10 0.00	35.07 0.11 0.00	39.62 0.16 0.00	55.54 0.17 0.00	68.97 0.14 0.00	51.44 0.10 0.00	37.03 0.04 0.00	32.88 0.03 0.00	29.06 0.00 0.00	27.18 -0.03 0.00	26.25 -0.05 0.00	25.80 -0.05 0.00	28.64 -0.06 0.00	31.48 -0.03 0.00	38.09 0.04 0.00	47.53 0.05 0.00	58.13 -0.06 0.00	50.82 -0.15 0.00	40.86 -0.20 0.00	37.44 -0.22 0.00	34.89 -0.32 0.00

ROCHESRG_115KV_T4 355643	37.69 -1.33 0.00	35.31 -1.24 0.00	33.14 -1.38 0.00	32.59 -1.46 0.00	33.46 -1.50 0.00	37.72 -1.74 0.00	52.83 -2.55 0.00	65.12 -3.72 0.00	48.36 -2.98 0.00	35.14 -1.85 0.00	31.14 -1.71 0.00	27.46 -1.60 0.00	25.73 -1.47 0.00	24.96 -1.34 0.00	24.48 -1.37 0.00	27.09 -1.61 0.00	29.81 -1.70 0.00	35.77 -2.28 0.00	44.92 -2.56 0.00	55.34 -2.85 0.00	48.12 -2.85 0.00	38.31 -2.75 0.00	35.52 -2.15 0.00	33.16 -2.04 0.00
ROCHESTER_9_IC 23652	37.89 -1.13 0.00	35.49 -1.06 0.00	33.31 -1.21 0.00	32.76 -1.29 0.00	33.64 -1.33 0.00	37.92 -1.54 0.00	53.16 -2.22 0.00	65.60 -3.24 0.00	48.67 -2.67 0.00	35.33 -1.66 0.00	31.31 -1.54 0.00	27.57 -1.48 0.00	25.84 -1.36 0.00	25.06 -1.24 0.00	24.58 -1.27 0.00	27.23 -1.46 0.00	29.93 -1.58 0.00	35.96 -2.09 0.00	45.21 -2.28 0.00	55.75 -2.44 0.00	48.42 -2.55 0.00	38.52 -2.55 0.00	35.74 -1.92 0.00	33.34 -1.87 0.00
ROCKVIEW_13_KV_LD 356306	40.31 1.29 0.00	37.69 1.13 0.00	35.52 1.00 0.00	35.11 1.06 0.00	36.12 1.15 0.00	41.04 1.58 0.00	57.76 2.38 0.00	72.48 3.65 0.00	54.16 2.82 0.00	39.06 2.07 0.00	34.75 1.91 0.00	30.80 1.74 0.00	28.86 1.66 0.00	27.88 1.58 0.00	27.45 1.60 0.00	30.45 1.75 0.00	33.37 1.86 0.00	40.34 2.28 0.00	50.14 2.66 0.00	61.28 3.08 0.00	53.77 2.80 0.00	43.41 2.34 0.00	39.70 2.03 0.00	36.89 1.69 0.00
ROME____115KV_TB2 80656	40.27 1.25 0.00	37.80 1.24 0.00	35.66 1.14 0.00	35.18 1.12 0.00	36.05 1.08 0.00	40.68 1.22 0.00	57.48 2.10 0.00	71.79 2.96 0.00	53.13 1.80 0.00	37.73 0.74 0.00	33.31 0.46 0.00	29.26 0.20 0.00	27.39 0.19 0.00	26.48 0.18 0.00	26.00 0.16 0.00	28.96 0.26 0.00	31.79 0.28 0.00	38.85 0.80 0.00	48.72 1.23 0.00	60.23 2.04 0.00	52.65 1.68 0.00	42.38 1.31 0.00	38.64 0.98 0.00	35.94 0.74 0.00
ROSETON___1 23587	39.88 0.86 0.00	37.28 0.73 0.00	35.18 0.65 0.00	34.74 0.68 0.00	35.77 0.80 0.00	40.53 1.07 0.00	57.04 1.66 0.00	71.31 2.47 0.00	53.24 1.90 0.00	38.43 1.44 0.00	34.13 1.28 0.00	30.25 1.19 0.00	28.32 1.12 0.00	27.38 1.08 0.00	26.96 1.11 0.00	29.90 1.21 0.00	32.83 1.32 0.00	39.65 1.60 0.00	49.29 1.80 0.00	60.28 2.09 0.00	52.91 1.94 0.00	42.75 1.68 0.00	39.09 1.43 0.00	36.43 1.23 0.00
ROSETON___2 23588	39.88 0.86 0.00	37.28 0.73 0.00	35.18 0.65 0.00	34.74 0.68 0.00	35.77 0.80 0.00	40.53 1.07 0.00	57.04 1.66 0.00	71.31 2.47 0.00	53.24 1.90 0.00	38.43 1.44 0.00	34.13 1.28 0.00	30.25 1.19 0.00	28.32 1.12 0.00	27.38 1.08 0.00	26.96 1.11 0.00	29.90 1.21 0.00	32.83 1.32 0.00	39.65 1.60 0.00	49.29 1.80 0.00	60.28 2.09 0.00	52.91 1.94 0.00	42.75 1.68 0.00	39.09 1.43 0.00	36.43 1.23 0.00
ROTRRDAM_115KV_TB3 80664	39.68 0.66 0.00	37.14 0.58 0.00	35.08 0.55 0.00	34.67 0.61 0.00	35.63 0.66 0.00	40.29 0.83 0.00	56.59 1.22 0.00	70.35 1.51 0.00	52.36 1.03 0.00	37.59 0.59 0.00	33.34 0.49 0.00	29.46 0.41 0.00	27.58 0.38 0.00	26.67 0.37 0.00	26.21 0.36 0.00	29.16 0.46 0.00	32.04 0.54 0.00	38.89 0.84 0.00	48.58 1.09 0.00	59.53 1.34 0.00	52.24 1.27 0.00	42.13 1.07 0.00	38.61 0.94 0.00	36.08 0.88 0.00
RUSSELL___1 23602	38.08 -0.94 0.00	35.68 -0.88 0.00	33.45 -1.07 0.00	32.90 -1.16 0.00	33.78 -1.19 0.00	38.08 -1.38 0.00	53.44 -1.94 0.00	65.94 -2.89 0.00	48.98 -2.36 0.00	35.51 -1.48 0.00	31.44 -1.41 0.00	27.69 -1.37 0.00	25.95 -1.25 0.00	25.17 -1.13 0.00	24.69 -1.16 0.00	27.35 -1.35 0.00	30.06 -1.45 0.00	36.15 -1.90 0.00	45.49 -1.99 0.00	56.10 -2.09 0.00	48.73 -2.24 0.00	38.77 -2.30 0.00	35.93 -1.73 0.00	33.48 -1.72 0.00
RUSSELL___2 23532	38.08 -0.94 0.00	35.68 -0.88 0.00	33.45 -1.07 0.00	32.90 -1.16 0.00	33.78 -1.19 0.00	38.08 -1.38 0.00	53.44 -1.94 0.00	65.94 -2.89 0.00	48.98 -2.36 0.00	35.51 -1.48 0.00	31.44 -1.41 0.00	27.69 -1.37 0.00	25.95 -1.25 0.00	25.17 -1.13 0.00	24.69 -1.16 0.00	27.35 -1.35 0.00	30.06 -1.45 0.00	36.15 -1.90 0.00	45.49 -1.99 0.00	56.10 -2.09 0.00	48.73 -2.24 0.00	38.77 -2.30 0.00	35.93 -1.73 0.00	33.48 -1.72 0.00
RUSSELL___3 23549	38.08 -0.94 0.00	35.68 -0.88 0.00	33.45 -1.07 0.00	32.90 -1.16 0.00	33.78 -1.19 0.00	38.08 -1.38 0.00	53.44 -1.94 0.00	65.94 -2.89 0.00	48.98 -2.36 0.00	35.51 -1.48 0.00	31.44 -1.41 0.00	27.69 -1.37 0.00	25.95 -1.25 0.00	25.17 -1.13 0.00	24.69 -1.16 0.00	27.35 -1.35 0.00	30.06 -1.45 0.00	36.15 -1.90 0.00	45.49 -1.99 0.00	56.10 -2.09 0.00	48.73 -2.24 0.00	38.77 -2.30 0.00	35.93 -1.73 0.00	33.48 -1.72 0.00
RUSSELL___4 23556	38.08 -0.94 0.00	35.68 -0.88 0.00	33.45 -1.07 0.00	32.90 -1.16 0.00	33.78 -1.19 0.00	38.08 -1.38 0.00	53.44 -1.94 0.00	65.94 -2.89 0.00	48.98 -2.36 0.00	35.51 -1.48 0.00	31.44 -1.41 0.00	27.69 -1.37 0.00	25.95 -1.25 0.00	25.17 -1.13 0.00	24.69 -1.16 0.00	27.35 -1.35 0.00	30.06 -1.45 0.00	36.15 -1.90 0.00	45.49 -1.99 0.00	56.10 -2.09 0.00	48.73 -2.24 0.00	38.77 -2.30 0.00	35.93 -1.73 0.00	33.48 -1.72 0.00
RUSSELL___STATION 23914	38.08 -0.94 0.00	35.68 -0.88 0.00	33.45 -1.07 0.00	32.90 -1.16 0.00	33.78 -1.19 0.00	38.08 -1.38 0.00	53.44 -1.94 0.00	65.94 -2.89 0.00	48.98 -2.36 0.00	35.51 -1.48 0.00	31.44 -1.41 0.00	27.69 -1.37 0.00	25.95 -1.25 0.00	25.17 -1.13 0.00	24.69 -1.16 0.00	27.35 -1.35 0.00	30.06 -1.45 0.00	36.15 -1.90 0.00	45.49 -1.99 0.00	56.10 -2.09 0.00	48.73 -2.24 0.00	38.77 -2.30 0.00	35.93 -1.73 0.00	33.48 -1.72 0.00
S SALMON___HYD 24043	38.39 -0.63 0.00	36.01 -0.55 0.00	33.97 -0.55 0.00	33.48 -0.58 0.00	34.27 -0.70 0.00	38.55 -0.91 0.00	54.38 -1.00 0.00	67.73 -1.10 0.00	50.10 -1.23 0.00	35.88 -1.11 0.00	31.77 -1.08 0.00	28.01 -1.04 0.00	26.25 -0.95 0.00	25.38 -0.92 0.00	24.92 -0.93 0.00	27.72 -0.98 0.00	30.44 -1.07 0.00	36.87 -1.18 0.00	46.20 -1.28 0.00	57.03 -1.16 0.00	49.85 -1.12 0.00	40.04 -1.03 0.00	36.68 -0.98 0.00	34.25 -0.95 0.00
S.PERRY__115KV_TB1 80734	39.10 0.08 0.00	36.63 0.07 0.00	34.38 -0.14 0.00	33.82 -0.24 0.00	34.69 -0.28 0.00	39.18 -0.28 0.00	55.27 -0.11 0.00	67.87 -0.96 0.00	49.64 -1.69 0.00	35.66 -1.33 0.00	31.40 -1.45 0.00	27.60 -1.45 0.00	25.87 -1.33 0.00	25.12 -1.18 0.00	24.63 -1.21 0.00	27.35 -1.35 0.00	30.12 -1.39 0.00	36.61 -1.45 0.00	46.58 -0.90 0.00	57.84 -0.35 0.00	50.20 -0.76 0.00	39.79 -1.27 0.00	36.76 -0.90 0.00	34.22 -0.99 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.50 -1.52 0.00	35.16 -1.39 0.00	32.87 -1.66 0.00	32.25 -1.81 0.00	33.15 -1.82 0.00	37.33 -2.13 0.00	52.11 -3.27 0.00	63.53 -5.30 0.00	47.08 -4.26 0.00	34.55 -2.44 0.00	30.62 -2.23 0.00	26.99 -2.06 0.00	25.27 -1.93 0.00	24.59 -1.71 0.00	24.09 -1.76 0.00	26.60 -2.09 0.00	29.24 -2.27 0.00	34.97 -3.08 0.00	43.92 -3.56 0.00	54.23 -3.96 0.00	46.94 -4.03 0.00	37.00 -4.07 0.00	34.61 -3.05 0.00	32.46 -2.75 0.00

SAWYER___23_KV_LOAD 55526	37.50 -1.52 0.00	35.16 -1.39 0.00	32.87 -1.66 0.00	32.25 -1.81 0.00	33.15 -1.82 0.00	37.33 -2.13 0.00	52.11 -3.27 0.00	63.53 -5.30 0.00	47.08 -4.26 0.00	34.55 -2.44 0.00	30.62 -2.23 0.00	26.99 -2.06 0.00	25.27 -1.93 0.00	24.59 -1.71 0.00	24.09 -1.76 0.00	26.60 -2.09 0.00	29.24 -2.27 0.00	34.97 -3.08 0.00	43.92 -3.56 0.00	54.23 -3.96 0.00	46.94 -4.03 0.00	37.00 -4.07 0.00	34.61 -3.05 0.00	32.46 -2.75 0.00
SELKIRK___I 23801	39.64 0.62 0.00	37.14 0.58 0.00	35.11 0.59 0.00	34.70 0.65 0.00	35.66 0.70 0.00	40.33 0.87 0.00	56.59 1.22 0.00	70.28 1.45 0.00	52.21 0.87 0.00	37.51 0.52 0.00	33.31 0.46 0.00	29.43 0.38 0.00	27.50 0.30 0.00	26.59 0.29 0.00	26.16 0.31 0.00	29.07 0.37 0.00	32.01 0.50 0.00	38.82 0.76 0.00	48.43 0.95 0.00	59.29 1.10 0.00	52.04 1.07 0.00	42.05 0.98 0.00	38.57 0.90 0.00	36.12 0.91 0.00
SELKIRK___II 23799	39.41 0.39 0.00	36.92 0.37 0.00	34.90 0.38 0.00	34.47 0.41 0.00	35.42 0.45 0.00	40.09 0.63 0.00	56.26 0.88 0.00	70.00 1.17 0.00	52.16 0.82 0.00	37.58 0.59 0.00	33.44 0.59 0.00	29.58 0.52 0.00	27.66 0.46 0.00	26.75 0.45 0.00	26.29 0.44 0.00	29.18 0.49 0.00	32.10 0.60 0.00	38.82 0.76 0.00	48.34 0.86 0.00	59.07 0.87 0.00	51.89 0.92 0.00	41.93 0.86 0.00	38.42 0.75 0.00	35.98 0.77 0.00
SENECA OSWGO___HYD 24041	38.05 -0.97 0.00	35.64 -0.91 0.00	33.62 -0.90 0.00	33.11 -0.95 0.00	33.95 -1.02 0.00	38.16 -1.30 0.00	53.72 -1.66 0.00	66.77 -2.06 0.00	49.64 -1.69 0.00	35.77 -1.22 0.00	31.80 -1.05 0.00	28.13 -0.93 0.00	26.36 -0.84 0.00	25.48 -0.82 0.00	25.00 -0.85 0.00	27.78 -0.92 0.00	30.47 -1.04 0.00	36.69 -1.37 0.00	45.87 -1.61 0.00	56.39 -1.80 0.00	49.24 -1.73 0.00	39.59 -1.48 0.00	36.34 -1.32 0.00	34.04 -1.16 0.00
SENECA___115KV_TB3 355854	38.12 -0.90 0.00	35.75 -0.80 0.00	33.42 -1.10 0.00	32.83 -1.23 0.00	33.74 -1.22 0.00	38.00 -1.46 0.00	53.22 -2.16 0.00	64.77 -4.06 0.00	48.00 -3.34 0.00	35.14 -1.85 0.00	31.11 -1.74 0.00	27.43 -1.63 0.00	25.65 -1.55 0.00	24.96 -1.34 0.00	24.45 -1.40 0.00	27.03 -1.66 0.00	29.68 -1.83 0.00	35.54 -2.51 0.00	44.68 -2.80 0.00	55.22 -2.97 0.00	47.76 -3.21 0.00	37.58 -3.49 0.00	35.10 -2.56 0.00	32.95 -2.25 0.00
SENECA___ENERGY 23797	38.51 -0.51 0.00	36.04 -0.51 0.00	33.97 -0.55 0.00	33.45 -0.61 0.00	34.34 -0.63 0.00	38.71 -0.75 0.00	54.55 -0.83 0.00	67.60 -1.24 0.00	50.26 -1.08 0.00	36.14 -0.85 0.00	31.99 -0.85 0.00	28.21 -0.84 0.00	26.50 -0.71 0.00	25.61 -0.68 0.00	25.10 -0.75 0.00	27.86 -0.83 0.00	30.59 -0.91 0.00	36.95 -1.10 0.00	46.44 -1.04 0.00	57.03 -1.16 0.00	49.85 -1.12 0.00	39.84 -1.23 0.00	36.65 -1.02 0.00	34.25 -0.95 0.00
SHOEMAKER___GT 23640	39.68 0.66 0.00	37.14 0.58 0.00	35.01 0.48 0.00	34.60 0.54 0.00	35.60 0.63 0.00	40.29 0.83 0.00	56.76 1.38 0.00	70.90 2.06 0.00	52.83 1.49 0.00	38.03 1.03 0.00	33.77 0.92 0.00	29.90 0.84 0.00	27.99 0.79 0.00	27.06 0.76 0.00	26.65 0.80 0.00	29.56 0.86 0.00	32.45 0.94 0.00	39.24 1.18 0.00	48.91 1.42 0.00	59.88 1.69 0.00	52.50 1.53 0.00	42.42 1.35 0.00	38.79 1.13 0.00	36.19 0.98 0.00
SHOEMAKR_138KV_BK 111 55601	39.68 0.66 0.00	37.10 0.55 0.00	35.01 0.48 0.00	34.60 0.54 0.00	35.59 0.63 0.00	40.29 0.83 0.00	56.76 1.38 0.00	70.90 2.07 0.00	52.88 1.54 0.00	38.07 1.07 0.00	33.77 0.92 0.00	29.90 0.84 0.00	28.02 0.82 0.00	27.09 0.79 0.00	26.68 0.83 0.00	29.59 0.89 0.00	32.45 0.95 0.00	39.27 1.22 0.00	48.91 1.42 0.00	59.88 1.69 0.00	52.50 1.53 0.00	42.38 1.31 0.00	38.79 1.13 0.00	36.15 0.95 0.00
SHOREHAM_IC_1 23715	39.53 0.51 0.00	36.52 -0.04 0.00	34.66 0.14 0.00	34.16 0.10 0.00	35.24 0.28 0.00	40.64 1.18 0.00	55.81 0.44 0.01	70.42 1.58 0.00	52.42 1.08 0.00	39.80 2.81 0.00	35.44 2.59 0.00	31.32 2.27 0.00	29.22 2.01 0.00	28.27 1.97 0.00	27.84 1.99 0.00	31.05 2.35 0.00	34.31 2.80 0.00	39.58 1.52 0.00	49.43 1.95 0.00	60.11 1.92 0.00	52.91 1.94 0.00	43.57 2.51 0.00	39.13 1.47 0.00	36.61 1.41 0.00
SHOREHAM_IC_2 23716	39.53 0.51 0.00	36.52 -0.04 0.00	34.66 0.14 0.00	34.16 0.10 0.00	35.24 0.28 0.00	40.64 1.18 0.00	55.81 0.44 0.01	70.42 1.58 0.00	52.42 1.08 0.00	39.80 2.81 0.00	35.44 2.59 0.00	31.32 2.27 0.00	29.22 2.01 0.00	28.27 1.97 0.00	27.84 1.99 0.00	31.05 2.35 0.00	34.31 2.80 0.00	39.58 1.52 0.00	49.43 1.95 0.00	60.11 1.92 0.00	52.91 1.94 0.00	43.57 2.51 0.00	39.13 1.47 0.00	36.61 1.41 0.00
SISSONVILLE___ 23735	39.06 0.04 0.00	36.70 0.15 0.00	34.73 0.21 0.00	34.33 0.27 0.00	35.14 0.17 0.00	39.70 0.24 0.00	55.54 0.17 0.00	69.04 0.21 0.00	51.49 0.15 0.00	36.92 -0.07 0.00	32.62 -0.23 0.00	28.74 -0.32 0.00	26.88 -0.33 0.00	25.98 -0.32 0.00	25.51 -0.34 0.00	28.38 -0.32 0.00	31.13 -0.38 0.00	37.83 -0.23 0.00	47.34 -0.14 0.00	58.31 0.12 0.00	51.07 0.10 0.00	41.03 -0.04 0.00	37.51 -0.15 0.00	34.92 -0.28 0.00
SITHE_IND_GS1 24169	37.81 -1.21 0.00	35.42 -1.13 0.00	33.45 -1.07 0.00	32.90 -1.16 0.00	33.74 -1.22 0.00	37.88 -1.58 0.00	53.22 -2.16 0.00	66.15 -2.69 0.00	49.23 -2.11 0.00	35.55 -1.44 0.00	31.63 -1.21 0.00	28.04 -1.02 0.00	26.25 -0.95 0.00	25.38 -0.92 0.00	24.94 -0.91 0.00	27.69 -1.01 0.00	30.37 -1.13 0.00	36.46 -1.60 0.00	45.54 -1.95 0.00	55.86 -2.33 0.00	48.83 -2.14 0.00	39.30 -1.76 0.00	36.08 -1.58 0.00	33.83 -1.37 0.00
SITHE_IND_GS2 24170	37.81 -1.21 0.00	35.42 -1.13 0.00	33.45 -1.07 0.00	32.90 -1.16 0.00	33.74 -1.22 0.00	37.88 -1.58 0.00	53.22 -2.16 0.00	66.15 -2.69 0.00	49.23 -2.11 0.00	35.55 -1.44 0.00	31.63 -1.21 0.00	28.04 -1.02 0.00	26.25 -0.95 0.00	25.38 -0.92 0.00	24.94 -0.91 0.00	27.69 -1.01 0.00	30.37 -1.13 0.00	36.46 -1.60 0.00	45.54 -1.95 0.00	55.86 -2.33 0.00	48.83 -2.14 0.00	39.30 -1.76 0.00	36.08 -1.58 0.00	33.83 -1.37 0.00
SITHE_IND_GS3 24171	37.81 -1.21 0.00	35.42 -1.13 0.00	33.45 -1.07 0.00	32.90 -1.16 0.00	33.74 -1.22 0.00	37.88 -1.58 0.00	53.22 -2.16 0.00	66.15 -2.69 0.00	49.23 -2.11 0.00	35.55 -1.44 0.00	31.63 -1.21 0.00	28.04 -1.02 0.00	26.25 -0.95 0.00	25.38 -0.92 0.00	24.94 -0.91 0.00	27.69 -1.01 0.00	30.37 -1.13 0.00	36.46 -1.60 0.00	45.54 -1.95 0.00	55.86 -2.33 0.00	48.83 -2.14 0.00	39.30 -1.76 0.00	36.08 -1.58 0.00	33.83 -1.37 0.00
SITHE_IND_GS4 24172	37.81 -1.21 0.00	35.42 -1.13 0.00	33.45 -1.07 0.00	32.90 -1.16 0.00	33.74 -1.22 0.00	37.88 -1.58 0.00	53.22 -2.16 0.00	66.15 -2.69 0.00	49.23 -2.11 0.00	35.55 -1.44 0.00	31.63 -1.21 0.00	28.04 -1.02 0.00	26.25 -0.95 0.00	25.38 -0.92 0.00	24.94 -0.91 0.00	27.69 -1.01 0.00	30.37 -1.13 0.00	36.46 -1.60 0.00	45.54 -1.95 0.00	55.86 -2.33 0.00	48.83 -2.14 0.00	39.30 -1.76 0.00	36.08 -1.58 0.00	33.83 -1.37 0.00

SITHE___BATAVIA 24024	38.36 -0.66 0.00	35.90 -0.66 0.00	33.69 -0.83 0.00	33.14 -0.92 0.00	33.95 -1.02 0.00	38.36 -1.10 0.00	53.77 -1.61 0.00	65.95 -2.89 0.00	49.08 -2.26 0.00	35.37 -1.63 0.00	31.21 -1.64 0.00	27.40 -1.66 0.00	25.84 -1.36 0.00	24.96 -1.34 0.00	24.45 -1.40 0.00	27.12 -1.58 0.00	29.74 -1.76 0.00	35.89 -2.17 0.00	45.30 -2.18 0.00	56.10 -2.09 0.00	48.57 -2.39 0.00	38.35 -2.71 0.00	35.86 -1.81 0.00	33.34 -1.87 0.00
SITHE___INDEPEND 23800	37.81 -1.21 0.00	35.42 -1.13 0.00	33.45 -1.07 0.00	32.90 -1.16 0.00	33.74 -1.22 0.00	37.88 -1.58 0.00	53.22 -2.16 0.00	66.15 -2.68 0.00	49.18 -2.16 0.00	35.55 -1.44 0.00	31.63 -1.22 0.00	28.04 -1.02 0.00	26.25 -0.95 0.00	25.38 -0.92 0.00	24.94 -0.90 0.00	27.66 -1.03 0.00	30.37 -1.13 0.00	36.46 -1.60 0.00	45.54 -1.95 0.00	55.86 -2.33 0.00	48.83 -2.14 0.00	39.30 -1.77 0.00	36.08 -1.58 0.00	33.83 -1.37 0.00
SITHE___MASSENA 23902	39.61 0.59 0.00	37.17 0.62 0.00	35.18 0.65 0.00	34.74 0.68 0.00	35.60 0.63 0.00	40.21 0.75 0.00	56.15 0.77 0.00	69.73 0.89 0.00	52.11 0.77 0.00	37.51 0.52 0.00	33.21 0.36 0.00	29.32 0.26 0.00	27.42 0.22 0.00	26.51 0.21 0.00	26.05 0.21 0.00	28.93 0.23 0.00	31.76 0.25 0.00	38.43 0.38 0.00	48.01 0.52 0.00	58.95 0.75 0.00	51.63 0.66 0.00	41.52 0.45 0.00	38.08 0.42 0.00	35.52 0.32 0.00
SITHE___OGDNSBRG 24021	40.00 0.98 0.00	37.58 1.02 0.00	35.56 1.04 0.00	35.18 1.12 0.00	36.01 1.05 0.00	40.64 1.18 0.00	56.93 1.55 0.00	70.62 1.79 0.00	52.57 1.23 0.00	37.59 0.59 0.00	33.21 0.36 0.00	29.23 0.17 0.00	27.34 0.14 0.00	26.43 0.13 0.00	25.95 0.10 0.00	28.90 0.20 0.00	31.70 0.19 0.00	38.59 0.53 0.00	48.34 0.85 0.00	59.65 1.45 0.00	52.19 1.22 0.00	41.97 0.90 0.00	38.42 0.75 0.00	35.73 0.53 0.00
SITHE___STERLING 23777	39.95 0.93 0.00	37.47 0.91 0.00	35.35 0.83 0.00	34.88 0.82 0.00	35.73 0.77 0.00	40.33 0.87 0.00	56.92 1.55 0.00	70.97 2.14 0.00	52.57 1.23 0.00	37.51 0.52 0.00	33.14 0.29 0.00	29.17 0.12 0.00	27.34 0.14 0.00	26.40 0.11 0.00	25.93 0.08 0.00	28.87 0.17 0.00	31.67 0.16 0.00	38.59 0.53 0.00	48.34 0.86 0.00	59.59 1.39 0.00	52.14 1.17 0.00	41.93 0.86 0.00	38.34 0.68 0.00	35.73 0.53 0.00
SLEIGHT__34_KV_TB1 80719	38.04 -0.98 0.00	35.60 -0.95 0.00	33.49 -1.04 0.00	32.97 -1.09 0.00	33.81 -1.15 0.00	38.16 -1.30 0.00	53.71 -1.66 0.00	66.56 -2.27 0.00	49.39 -1.95 0.00	35.70 -1.29 0.00	31.60 -1.25 0.00	27.81 -1.25 0.00	26.06 -1.14 0.00	25.25 -1.05 0.00	24.76 -1.09 0.00	27.43 -1.26 0.00	30.15 -1.35 0.00	36.38 -1.67 0.00	45.68 -1.80 0.00	56.21 -1.98 0.00	48.93 -2.04 0.00	39.10 -1.97 0.00	36.04 -1.62 0.00	33.65 -1.55 0.00
SOUTH CAIRO___GT 23612	40.46 1.44 0.00	37.87 1.32 0.00	35.80 1.28 0.00	35.46 1.40 0.00	36.43 1.47 0.00	41.32 1.85 0.00	58.26 2.88 0.00	72.28 3.44 0.00	53.29 1.95 0.00	37.81 0.81 0.00	33.41 0.56 0.00	29.46 0.41 0.00	27.53 0.33 0.00	26.61 0.32 0.00	26.18 0.34 0.00	29.16 0.46 0.00	32.14 0.63 0.00	39.16 1.10 0.00	49.19 1.71 0.00	60.58 2.39 0.00	53.11 2.14 0.00	42.87 1.81 0.00	39.21 1.54 0.00	36.89 1.69 0.00
SOUTH HAMPTN___IC 23720	39.76 0.74 0.00	36.77 0.22 0.00	34.87 0.35 0.00	34.36 0.31 0.00	35.49 0.53 0.00	40.96 1.50 0.00	56.37 1.00 0.01	71.18 2.34 0.00	52.93 1.59 0.00	40.10 3.11 0.00	35.74 2.89 0.00	31.58 2.53 0.00	29.49 2.29 0.00	28.53 2.23 0.00	28.10 2.25 0.00	31.37 2.67 0.00	34.60 3.09 0.00	39.99 1.94 0.00	50.09 2.61 0.00	60.99 2.79 0.00	53.62 2.65 0.00	44.11 3.04 0.00	39.62 1.96 0.00	37.07 1.86 0.00
SOUTHDOW_115KV_TB1 355954	39.76 0.74 0.00	37.21 0.66 0.00	34.73 0.21 0.00	34.09 0.03 0.00	34.93 -0.03 0.00	39.30 -0.16 0.00	55.54 0.17 0.00	67.46 -1.38 0.00	49.80 -1.54 0.00	36.29 -0.70 0.00	32.09 -0.76 0.00	28.33 -0.73 0.00	26.58 -0.63 0.00	25.83 -0.47 0.00	25.28 -0.57 0.00	28.01 -0.69 0.00	30.69 -0.82 0.00	37.03 -1.03 0.00	46.68 -0.81 0.00	57.78 -0.41 0.00	49.80 -1.17 0.00	38.93 -2.14 0.00	36.08 -1.58 0.00	33.69 -1.51 0.00
SOUTHOLD_69_KV_BK 2 55809	39.64 0.62 0.00	36.70 0.15 0.00	34.76 0.24 0.00	34.37 0.31 0.00	35.42 0.45 0.00	40.88 1.42 0.00	56.31 0.94 0.01	71.24 2.41 0.00	53.03 1.69 0.00	40.03 3.03 0.00	35.74 2.89 0.00	31.61 2.56 0.00	29.57 2.37 0.00	28.61 2.31 0.00	28.17 2.33 0.00	31.45 2.75 0.00	34.22 2.71 0.00	40.60 2.55 0.00	50.33 2.85 0.00	61.39 3.20 0.00	53.93 2.96 0.00	43.94 2.87 0.00	40.30 2.64 0.00	37.21 2.01 0.00
SOUTHOLD___IC 23719	39.64 0.62 0.00	36.70 0.15 0.00	34.77 0.24 0.00	34.26 0.21 0.00	35.39 0.42 0.00	40.88 1.42 0.00	56.31 0.94 0.01	71.24 2.41 0.00	52.93 1.59 0.00	40.03 3.03 0.00	35.74 2.89 0.00	31.61 2.56 0.00	29.54 2.34 0.00	28.61 2.31 0.00	28.18 2.33 0.00	31.45 2.76 0.00	34.66 3.15 0.00	40.15 2.09 0.00	50.33 2.85 0.00	61.33 3.14 0.00	53.92 2.96 0.00	44.31 3.24 0.00	39.81 2.15 0.00	37.21 2.01 0.00
SOUTH_FORK_WT_PWR 323839	39.26 0.24 0.00	36.34 -0.22 0.00	34.39 -0.14 0.00	33.92 -0.14 0.00	35.04 0.07 0.00	40.48 1.02 0.00	55.76 0.39 0.01	70.56 1.72 0.00	52.52 1.18 0.00	39.77 2.78 0.00	35.54 2.69 0.00	31.47 2.41 0.00	29.43 2.23 0.00	28.53 2.23 0.00	28.12 2.28 0.00	31.37 2.67 0.00	34.56 3.06 0.00	40.03 1.98 0.00	50.09 2.61 0.00	61.10 2.91 0.00	53.72 2.75 0.00	44.15 3.08 0.00	39.66 1.99 0.00	37.10 1.90 0.00
SPIERFLS_115KV_TB 1 80737	39.61 0.59 0.00	37.10 0.55 0.00	35.04 0.52 0.00	34.67 0.61 0.00	35.70 0.73 0.00	40.53 1.07 0.00	57.26 1.88 0.00	71.45 2.62 0.00	52.83 1.49 0.00	37.51 0.52 0.00	33.11 0.26 0.00	29.11 0.06 0.00	27.20 0.00 0.00	26.19 -0.11 0.00	25.74 -0.10 0.00	28.78 0.09 0.00	31.76 0.25 0.00	38.85 0.80 0.00	48.58 1.09 0.00	59.70 1.51 0.00	52.40 1.43 0.00	42.30 1.23 0.00	38.68 1.02 0.00	36.08 0.88 0.00
ST LAWRENCE____ 23600	39.26 0.24 0.00	36.84 0.29 0.00	34.83 0.31 0.00	34.40 0.34 0.00	35.28 0.31 0.00	39.86 0.39 0.00	55.71 0.33 0.00	69.04 0.21 0.00	51.65 0.31 0.00	37.25 0.26 0.00	33.01 0.17 0.00	29.17 0.12 0.00	27.28 0.08 0.00	26.40 0.11 0.00	25.93 0.08 0.00	28.78 0.09 0.00	31.60 0.09 0.00	38.21 0.15 0.00	47.68 0.19 0.00	58.48 0.29 0.00	51.17 0.20 0.00	41.19 0.12 0.00	37.82 0.15 0.00	35.31 0.11 0.00
STATE_CA_115KV_115_LB 55624	39.45 0.43 0.00	36.96 0.40 0.00	34.97 0.45 0.00	34.57 0.51 0.00	35.49 0.52 0.00	40.21 0.75 0.00	56.48 1.11 0.00	70.28 1.45 0.00	52.41 1.08 0.00	37.66 0.67 0.00	33.57 0.72 0.00	29.67 0.61 0.00	27.75 0.54 0.00	26.80 0.50 0.00	26.34 0.49 0.00	29.30 0.60 0.00	32.20 0.69 0.00	38.93 0.88 0.00	48.43 0.95 0.00	59.24 1.05 0.00	52.04 1.07 0.00	42.05 0.99 0.00	38.53 0.87 0.00	36.12 0.92 0.00

STATE_ST_34_KV_LOAD 55959	38.82 -0.20 0.00	36.37 -0.18 0.00	34.28 -0.24 0.00	33.72 -0.34 0.00	34.62 -0.35 0.00	38.99 -0.47 0.00	55.04 -0.33 0.00	68.42 -0.41 0.00	50.77 -0.56 0.00	36.59 -0.41 0.00	32.39 -0.46 0.00	28.59 -0.46 0.00	26.79 -0.41 0.00	25.93 -0.37 0.00	25.43 -0.41 0.00	28.24 -0.46 0.00	31.00 -0.50 0.00	37.45 -0.61 0.00	46.96 -0.52 0.00	57.73 -0.47 0.00	50.41 -0.56 0.00	40.41 -0.66 0.00	37.06 -0.60 0.00	34.64 -0.56 0.00
STATION 5_MISC_HYD 23604	37.93 -1.09 0.00	35.49 -1.06 0.00	33.38 -1.14 0.00	32.83 -1.22 0.00	33.64 -1.33 0.00	37.92 -1.54 0.00	53.16 -2.22 0.00	65.60 -3.23 0.00	48.92 -2.41 0.00	35.33 -1.66 0.00	31.31 -1.54 0.00	27.58 -1.48 0.00	25.95 -1.25 0.00	25.09 -1.21 0.00	24.58 -1.27 0.00	27.26 -1.43 0.00	29.90 -1.61 0.00	35.96 -2.09 0.00	45.21 -2.28 0.00	55.75 -2.44 0.00	48.42 -2.55 0.00	38.52 -2.55 0.00	35.78 -1.88 0.00	33.34 -1.87 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.59 -0.43 0.00	36.11 -0.44 0.00	33.97 -0.55 0.00	33.45 -0.61 0.00	34.34 -0.63 0.00	38.75 -0.71 0.00	54.60 -0.78 0.00	67.66 -1.17 0.00	50.26 -1.08 0.00	36.22 -0.78 0.00	32.00 -0.85 0.00	28.16 -0.90 0.00	26.41 -0.79 0.00	25.56 -0.74 0.00	25.10 -0.75 0.00	27.84 -0.86 0.00	30.56 -0.95 0.00	36.91 -1.14 0.00	46.49 -1.00 0.00	57.20 -0.99 0.00	49.80 -1.17 0.00	39.71 -1.36 0.00	36.65 -1.02 0.00	34.15 -1.06 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.73 -1.29 0.00	35.35 -1.21 0.00	33.18 -1.35 0.00	32.63 -1.43 0.00	33.50 -1.47 0.00	37.76 -1.70 0.00	52.94 -2.44 0.00	65.39 -3.44 0.00	48.56 -2.77 0.00	35.25 -1.74 0.00	31.21 -1.64 0.00	27.49 -1.57 0.00	25.79 -1.41 0.00	24.98 -1.31 0.00	24.50 -1.34 0.00	27.15 -1.55 0.00	29.84 -1.67 0.00	35.89 -2.17 0.00	45.06 -2.42 0.00	55.57 -2.62 0.00	48.32 -2.65 0.00	38.44 -2.63 0.00	35.63 -2.03 0.00	33.23 -1.97 0.00
STA_56___34_KV_BUS2 355883	37.73 -1.29 0.00	35.35 -1.21 0.00	33.18 -1.35 0.00	32.63 -1.43 0.00	33.50 -1.47 0.00	37.76 -1.70 0.00	52.94 -2.44 0.00	65.39 -3.44 0.00	48.56 -2.77 0.00	35.25 -1.74 0.00	31.21 -1.64 0.00	27.49 -1.57 0.00	25.79 -1.41 0.00	24.98 -1.31 0.00	24.50 -1.34 0.00	27.15 -1.55 0.00	29.84 -1.67 0.00	35.89 -2.17 0.00	45.06 -2.42 0.00	55.57 -2.62 0.00	48.32 -2.65 0.00	38.44 -2.63 0.00	35.63 -2.03 0.00	33.23 -1.97 0.00
STA_67___115KV_BK2 355882	37.81 -1.21 0.00	35.42 -1.13 0.00	33.25 -1.28 0.00	32.70 -1.36 0.00	33.57 -1.40 0.00	37.84 -1.62 0.00	52.99 -2.38 0.00	65.39 -3.44 0.00	48.56 -2.77 0.00	35.25 -1.74 0.00	31.24 -1.61 0.00	27.52 -1.54 0.00	25.79 -1.41 0.00	25.01 -1.29 0.00	24.53 -1.32 0.00	27.18 -1.52 0.00	29.87 -1.64 0.00	35.89 -2.17 0.00	45.06 -2.42 0.00	55.57 -2.62 0.00	48.32 -2.65 0.00	38.44 -2.63 0.00	35.63 -2.03 0.00	33.27 -1.94 0.00
STA_7___115KV_9TRANS 80674	38.08 -0.94 0.00	35.68 -0.88 0.00	33.45 -1.07 0.00	32.90 -1.16 0.00	33.78 -1.19 0.00	38.08 -1.38 0.00	53.44 -1.94 0.00	65.94 -2.89 0.00	48.98 -2.36 0.00	35.51 -1.48 0.00	31.44 -1.41 0.00	27.69 -1.37 0.00	25.95 -1.25 0.00	25.17 -1.13 0.00	24.69 -1.16 0.00	27.35 -1.35 0.00	30.06 -1.45 0.00	36.15 -1.90 0.00	45.49 -1.99 0.00	56.10 -2.09 0.00	48.73 -2.24 0.00	38.77 -2.30 0.00	35.93 -1.73 0.00	33.48 -1.72 0.00
STA_82___115KV_TB1 80780	37.81 -1.21 0.00	35.42 -1.13 0.00	33.25 -1.28 0.00	32.70 -1.36 0.00	33.57 -1.40 0.00	37.84 -1.62 0.00	52.99 -2.38 0.00	65.39 -3.44 0.00	48.56 -2.77 0.00	35.25 -1.74 0.00	31.24 -1.61 0.00	27.52 -1.54 0.00	25.79 -1.41 0.00	25.01 -1.29 0.00	24.53 -1.32 0.00	27.18 -1.52 0.00	29.87 -1.64 0.00	35.89 -2.17 0.00	45.11 -2.37 0.00	55.57 -2.62 0.00	48.32 -2.65 0.00	38.44 -2.63 0.00	35.67 -2.00 0.00	33.27 -1.94 0.00
STEEL___WIND 323596	38.12 -0.90 0.00	35.71 -0.84 0.00	33.49 -1.03 0.00	32.90 -1.16 0.00	33.71 -1.26 0.00	37.96 -1.50 0.00	53.16 -2.22 0.00	64.71 -4.13 0.00	48.26 -3.08 0.00	35.11 -1.89 0.00	31.07 -1.77 0.00	27.40 -1.66 0.00	25.79 -1.42 0.00	24.93 -1.37 0.00	24.43 -1.42 0.00	27.06 -1.63 0.00	29.62 -1.89 0.00	35.54 -2.51 0.00	44.64 -2.85 0.00	55.16 -3.03 0.00	47.71 -3.26 0.00	37.53 -3.53 0.00	35.14 -2.52 0.00	32.92 -2.29 0.00
STEPHTWN_115KV_BK_2 55603	39.64 0.62 0.00	37.14 0.58 0.00	35.14 0.62 0.00	34.74 0.68 0.00	35.66 0.70 0.00	40.45 0.99 0.00	56.87 1.50 0.00	70.76 1.93 0.00	52.67 1.33 0.00	37.81 0.81 0.00	33.64 0.79 0.00	29.75 0.70 0.00	27.80 0.60 0.00	26.85 0.55 0.00	26.39 0.54 0.00	29.36 0.66 0.00	32.30 0.79 0.00	39.12 1.07 0.00	48.72 1.23 0.00	59.65 1.45 0.00	52.35 1.38 0.00	42.30 1.23 0.00	38.76 1.09 0.00	36.29 1.09 0.00
STEUBEN_REC_LFGE 323667	38.59 -0.43 0.00	36.26 -0.29 0.00	34.00 -0.52 0.00	33.41 -0.65 0.00	34.30 -0.66 0.00	38.67 -0.79 0.00	54.77 -0.61 0.00	67.53 -1.31 0.00	49.64 -1.69 0.00	35.77 -1.22 0.00	31.50 -1.35 0.00	27.78 -1.28 0.00	26.03 -1.17 0.00	25.27 -1.03 0.00	24.76 -1.09 0.00	27.43 -1.26 0.00	30.18 -1.32 0.00	36.68 -1.37 0.00	46.58 -0.90 0.00	57.55 -0.64 0.00	49.95 -1.02 0.00	39.46 -1.60 0.00	36.35 -1.32 0.00	33.97 -1.23 0.00
STILLWATER___SOLAR 323814	40.11 1.09 0.00	37.58 1.02 0.00	35.46 0.93 0.00	35.08 1.02 0.00	36.12 1.15 0.00	40.96 1.50 0.00	57.70 2.33 0.00	71.86 3.03 0.00	53.24 1.90 0.00	37.99 1.00 0.00	33.57 0.72 0.00	29.58 0.52 0.00	27.61 0.41 0.00	26.64 0.34 0.00	26.21 0.36 0.00	29.21 0.52 0.00	32.23 0.73 0.00	39.35 1.29 0.00	49.19 1.71 0.00	60.28 2.09 0.00	52.91 1.94 0.00	42.75 1.68 0.00	39.13 1.47 0.00	36.61 1.41 0.00
STONY___BROOK 24151	40.31 1.29 0.00	37.47 0.91 0.00	35.39 0.86 0.00	34.88 0.82 0.00	35.94 0.98 0.00	41.35 1.89 0.00	57.14 1.77 0.01	72.07 3.24 0.00	53.80 2.46 0.00	39.84 2.85 0.00	35.48 2.63 0.00	31.32 2.27 0.00	29.22 2.01 0.00	28.27 1.97 0.00	27.84 1.99 0.00	31.02 2.32 0.00	34.25 2.74 0.00	40.53 2.47 0.00	50.53 3.04 0.00	61.45 3.26 0.00	54.03 3.06 0.00	44.23 3.16 0.00	40.00 2.34 0.00	37.21 2.01 0.00
STURGEON_POOL_HYD 23609	40.07 1.05 0.00	37.43 0.88 0.00	35.32 0.79 0.00	34.91 0.85 0.00	35.91 0.94 0.00	40.72 1.26 0.00	57.37 1.99 0.00	71.73 2.89 0.00	53.44 2.10 0.00	38.47 1.48 0.00	34.10 1.25 0.00	30.19 1.13 0.00	28.32 1.12 0.00	27.35 1.05 0.00	26.93 1.09 0.00	29.90 1.21 0.00	32.80 1.29 0.00	39.69 1.64 0.00	49.43 1.95 0.00	60.52 2.33 0.00	53.06 2.09 0.00	42.87 1.81 0.00	39.21 1.54 0.00	36.58 1.37 0.00
ST_LAW_115_BK7_LBMP 345037	39.26 0.24 0.00	36.84 0.29 0.00	34.83 0.31 0.00	34.43 0.38 0.00	35.28 0.31 0.00	39.86 0.39 0.00	55.71 0.33 0.00	69.04 0.21 0.00	51.65 0.31 0.00	37.25 0.26 0.00	33.01 0.17 0.00	29.17 0.12 0.00	27.28 0.08 0.00	26.38 0.08 0.00	25.93 0.08 0.00	28.78 0.09 0.00	31.57 0.06 0.00	38.21 0.15 0.00	47.68 0.19 0.00	58.48 0.29 0.00	51.17 0.20 0.00	41.19 0.12 0.00	37.82 0.15 0.00	35.31 0.11 0.00

ST_LAW_115_BK8_LBMP 345038	39.26 0.24 0.00	36.84 0.29 0.00	34.83 0.31 0.00	34.43 0.38 0.00	35.28 0.31 0.00	39.86 0.39 0.00	55.71 0.33 0.00	69.04 0.21 0.00	51.65 0.31 0.00	37.25 0.26 0.00	33.01 0.17 0.00	29.17 0.12 0.00	27.28 0.08 0.00	26.38 0.08 0.00	25.93 0.08 0.00	28.78 0.09 0.00	31.57 0.06 0.00	38.21 0.15 0.00	47.68 0.19 0.00	58.48 0.29 0.00	51.17 0.20 0.00	41.19 0.12 0.00	37.82 0.15 0.00	35.31 0.11 0.00
ST_LAW_230_BK5_LBMP 345035	39.26 0.24 0.00	36.84 0.29 0.00	34.83 0.31 0.00	34.40 0.34 0.00	35.28 0.31 0.00	39.86 0.39 0.00	55.71 0.33 0.00	69.04 0.21 0.00	51.65 0.31 0.00	37.25 0.26 0.00	33.01 0.17 0.00	29.17 0.12 0.00	27.28 0.08 0.00	26.40 0.11 0.00	25.93 0.08 0.00	28.78 0.09 0.00	31.60 0.09 0.00	38.21 0.15 0.00	47.68 0.19 0.00	58.48 0.29 0.00	51.17 0.20 0.00	41.19 0.12 0.00	37.82 0.15 0.00	35.31 0.11 0.00
ST_LAW_230_BK6_LBMP 345036	39.26 0.24 0.00	36.84 0.29 0.00	34.83 0.31 0.00	34.40 0.34 0.00	35.28 0.31 0.00	39.86 0.39 0.00	55.71 0.33 0.00	69.04 0.21 0.00	51.65 0.31 0.00	37.25 0.26 0.00	33.01 0.17 0.00	29.17 0.12 0.00	27.28 0.08 0.00	26.40 0.11 0.00	25.93 0.08 0.00	28.78 0.09 0.00	31.60 0.09 0.00	38.21 0.15 0.00	47.68 0.19 0.00	58.48 0.29 0.00	51.17 0.20 0.00	41.19 0.12 0.00	37.82 0.15 0.00	35.31 0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.76 0.74 0.00	37.17 0.62 0.00	35.04 0.52 0.00	34.64 0.58 0.00	35.63 0.66 0.00	40.37 0.91 0.00	56.87 1.50 0.00	71.24 2.41 0.00	53.13 1.80 0.00	38.25 1.26 0.00	33.97 1.12 0.00	30.07 1.02 0.00	28.18 0.98 0.00	27.22 0.92 0.00	26.80 0.96 0.00	29.76 1.06 0.00	32.64 1.13 0.00	39.46 1.41 0.00	49.10 1.61 0.00	60.11 1.92 0.00	52.70 1.73 0.00	42.54 1.48 0.00	38.94 1.28 0.00	36.26 1.06 0.00
SWANROAD_115KV_TB1 355699	36.56 -2.46 0.00	34.29 -2.27 0.00	32.04 -2.49 0.00	31.47 -2.59 0.00	32.34 -2.62 0.00	36.42 -3.04 0.00	50.72 -4.65 0.00	61.81 -7.02 0.00	45.79 -5.54 0.00	33.66 -3.33 0.00	29.79 -3.05 0.00	26.27 -2.79 0.00	24.59 -2.61 0.00	23.93 -2.37 0.00	23.47 -2.38 0.00	25.91 -2.78 0.00	28.48 -3.02 0.00	34.06 -4.00 0.00	42.74 -4.75 0.00	52.78 -5.41 0.00	45.67 -5.30 0.00	36.06 -5.01 0.00	33.78 -3.88 0.00	31.68 -3.52 0.00
SYNERGY___BIOGAS 323694	38.36 -0.66 0.00	35.90 -0.66 0.00	33.69 -0.83 0.00	33.14 -0.92 0.00	33.95 -1.02 0.00	38.36 -1.10 0.00	53.77 -1.61 0.00	65.95 -2.89 0.00	49.08 -2.26 0.00	35.37 -1.63 0.00	31.21 -1.64 0.00	27.40 -1.66 0.00	25.84 -1.36 0.00	24.96 -1.34 0.00	24.45 -1.40 0.00	27.12 -1.58 0.00	29.74 -1.76 0.00	35.89 -2.17 0.00	45.30 -2.18 0.00	56.10 -2.09 0.00	48.57 -2.39 0.00	38.35 -2.71 0.00	35.86 -1.81 0.00	33.34 -1.87 0.00
SYRACUSE___ENERGY_ST1 323597	38.71 -0.31 0.00	36.26 -0.29 0.00	34.18 -0.35 0.00	33.65 -0.41 0.00	34.51 -0.45 0.00	38.83 -0.63 0.00	54.71 -0.66 0.00	68.01 -0.83 0.00	50.52 -0.82 0.00	36.44 -0.55 0.00	32.32 -0.53 0.00	28.56 -0.49 0.00	26.74 -0.46 0.00	25.88 -0.42 0.00	25.41 -0.44 0.00	28.18 -0.52 0.00	30.94 -0.57 0.00	37.29 -0.76 0.00	46.68 -0.81 0.00	57.32 -0.87 0.00	50.10 -0.87 0.00	40.24 -0.82 0.00	36.91 -0.75 0.00	34.57 -0.63 0.00
SYRACUSE___ENERGY_ST2 323598	38.71 -0.31 0.00	36.26 -0.29 0.00	34.18 -0.35 0.00	33.65 -0.41 0.00	34.51 -0.45 0.00	38.83 -0.63 0.00	54.71 -0.66 0.00	68.01 -0.83 0.00	50.52 -0.82 0.00	36.44 -0.55 0.00	32.32 -0.53 0.00	28.56 -0.49 0.00	26.74 -0.46 0.00	25.88 -0.42 0.00	25.41 -0.44 0.00	28.18 -0.52 0.00	30.94 -0.57 0.00	37.29 -0.76 0.00	46.68 -0.81 0.00	57.32 -0.87 0.00	50.10 -0.87 0.00	40.24 -0.82 0.00	36.91 -0.75 0.00	34.57 -0.63 0.00
SYRACUSE___POWER 24017	38.63 -0.39 0.00	36.19 -0.37 0.00	34.11 -0.41 0.00	33.58 -0.48 0.00	34.44 -0.52 0.00	38.79 -0.67 0.00	54.66 -0.72 0.00	67.87 -0.96 0.00	50.41 -0.92 0.00	36.36 -0.63 0.00	32.26 -0.59 0.00	28.53 -0.52 0.00	26.71 -0.49 0.00	25.85 -0.45 0.00	25.38 -0.47 0.00	28.15 -0.55 0.00	30.91 -0.60 0.00	37.29 -0.76 0.00	46.63 -0.85 0.00	57.32 -0.87 0.00	50.05 -0.92 0.00	40.20 -0.86 0.00	36.87 -0.79 0.00	34.50 -0.70 0.00
TALLMAN___138KV_BK151 55660	39.84 0.82 0.00	37.25 0.69 0.00	35.11 0.59 0.00	34.71 0.65 0.00	35.70 0.73 0.00	40.49 1.03 0.00	57.09 1.72 0.00	71.59 2.75 0.00	53.44 2.10 0.00	38.51 1.52 0.00	34.20 1.35 0.00	30.31 1.25 0.00	28.40 1.20 0.00	27.43 1.13 0.00	27.01 1.16 0.00	29.99 1.29 0.00	32.83 1.32 0.00	39.69 1.64 0.00	49.34 1.85 0.00	60.34 2.15 0.00	52.96 1.99 0.00	42.75 1.68 0.00	39.10 1.43 0.00	36.40 1.20 0.00
TEALLAVE_115KV_TB7 355573	38.47 -0.55 0.00	36.04 -0.51 0.00	33.97 -0.55 0.00	33.45 -0.61 0.00	34.34 -0.63 0.00	38.63 -0.83 0.00	54.38 -1.00 0.00	67.60 -1.24 0.00	50.21 -1.13 0.00	36.25 -0.74 0.00	32.16 -0.69 0.00	28.45 -0.61 0.00	26.63 -0.57 0.00	25.77 -0.53 0.00	25.31 -0.54 0.00	28.07 -0.63 0.00	30.81 -0.69 0.00	37.10 -0.95 0.00	46.44 -1.04 0.00	57.03 -1.16 0.00	49.80 -1.17 0.00	40.00 -1.07 0.00	36.72 -0.94 0.00	34.36 -0.84 0.00
TELGRAPH_34_KV_EAST 80808	37.50 -1.52 0.00	35.16 -1.39 0.00	32.87 -1.66 0.00	32.32 -1.74 0.00	33.18 -1.78 0.00	37.45 -2.01 0.00	52.33 -3.05 0.00	63.95 -4.89 0.00	47.38 -3.95 0.00	34.59 -2.40 0.00	30.58 -2.27 0.00	26.91 -2.15 0.00	25.22 -1.99 0.00	24.51 -1.79 0.00	24.01 -1.84 0.00	26.55 -2.15 0.00	29.21 -2.30 0.00	35.05 -3.01 0.00	44.11 -3.37 0.00	54.53 -3.67 0.00	47.20 -3.77 0.00	37.25 -3.82 0.00	34.84 -2.82 0.00	32.56 -2.64 0.00
TEMPLE___115KV_TB 2 55572	38.51 -0.51 0.00	36.04 -0.51 0.00	34.00 -0.52 0.00	33.48 -0.58 0.00	34.34 -0.63 0.00	38.63 -0.83 0.00	54.43 -0.94 0.00	67.60 -1.24 0.00	50.21 -1.13 0.00	36.25 -0.74 0.00	32.19 -0.66 0.00	28.48 -0.58 0.00	26.66 -0.54 0.00	25.80 -0.50 0.00	25.31 -0.54 0.00	28.09 -0.60 0.00	30.85 -0.66 0.00	37.14 -0.91 0.00	46.44 -1.04 0.00	57.09 -1.11 0.00	49.85 -1.12 0.00	40.00 -1.07 0.00	36.72 -0.94 0.00	34.39 -0.81 0.00
TIANA____69_KV_BK 1 55817	39.80 0.78 0.00	36.81 0.26 0.00	34.90 0.38 0.00	34.50 0.44 0.00	35.52 0.56 0.00	40.96 1.50 0.00	56.36 1.00 0.01	71.17 2.34 0.00	53.03 1.69 0.00	40.06 3.07 0.00	35.71 2.86 0.00	31.56 2.50 0.00	29.46 2.26 0.00	28.51 2.21 0.00	28.07 2.22 0.00	31.31 2.61 0.00	34.09 2.58 0.00	40.41 2.36 0.00	50.00 2.52 0.00	60.93 2.74 0.00	53.52 2.55 0.00	43.69 2.63 0.00	40.07 2.41 0.00	37.00 1.80 0.00
TILDEN___115KV_TB1 80814	38.63 -0.39 0.00	36.19 -0.37 0.00	34.11 -0.41 0.00	33.58 -0.48 0.00	34.44 -0.52 0.00	38.79 -0.67 0.00	54.66 -0.72 0.00	67.87 -0.96 0.00	50.41 -0.92 0.00	36.36 -0.63 0.00	32.26 -0.59 0.00	28.53 -0.52 0.00	26.71 -0.49 0.00	25.85 -0.45 0.00	25.38 -0.47 0.00	28.15 -0.55 0.00	30.91 -0.60 0.00	37.29 -0.76 0.00	46.63 -0.85 0.00	57.32 -0.87 0.00	50.05 -0.92 0.00	40.20 -0.86 0.00	36.87 -0.79 0.00	34.50 -0.70 0.00

TRIGEN___CC 323695	40.35 1.33 0.00	37.65 1.10 0.00	35.49 0.97 0.00	35.08 1.02 0.00	36.05 1.08 0.00	41.20 1.74 0.00	57.42 2.05 0.00	72.21 3.37 0.00	54.01 2.67 0.00	39.32 2.33 0.00	34.98 2.14 0.00	30.95 1.89 0.00	28.94 1.74 0.00	27.96 1.66 0.00	27.53 1.68 0.00	30.62 1.92 0.00	33.59 2.08 0.00	40.53 2.47 0.00	50.19 2.71 0.00	61.22 3.03 0.00	53.77 2.80 0.00	43.69 2.63 0.00	39.96 2.30 0.00	37.07 1.87 0.00
TRINITY___115KV___4 BK 55933	39.33 0.31 0.00	36.85 0.29 0.00	34.87 0.35 0.00	34.47 0.41 0.00	35.38 0.42 0.00	40.09 0.63 0.00	56.26 0.89 0.00	70.00 1.17 0.00	52.21 0.87 0.00	37.59 0.59 0.00	33.47 0.62 0.00	29.61 0.55 0.00	27.69 0.49 0.00	26.75 0.45 0.00	26.29 0.44 0.00	29.21 0.52 0.00	32.14 0.63 0.00	38.85 0.80 0.00	48.29 0.81 0.00	59.01 0.81 0.00	51.84 0.87 0.00	41.93 0.86 0.00	38.42 0.75 0.00	36.05 0.84 0.00
UNION___PROCESSING_DRP 323587	37.81 -1.21 0.00	35.42 -1.13 0.00	33.25 -1.28 0.00	32.70 -1.36 0.00	33.57 -1.40 0.00	37.84 -1.62 0.00	53.05 -2.33 0.00	65.39 -3.44 0.00	48.56 -2.77 0.00	35.25 -1.74 0.00	31.24 -1.61 0.00	27.52 -1.54 0.00	25.79 -1.41 0.00	25.01 -1.29 0.00	24.53 -1.32 0.00	27.18 -1.52 0.00	29.87 -1.64 0.00	35.89 -2.17 0.00	45.11 -2.37 0.00	55.57 -2.62 0.00	48.32 -2.65 0.00	38.44 -2.63 0.00	35.67 -2.00 0.00	33.27 -1.94 0.00
UPPER HUDSON___HYD 24058	39.61 0.59 0.00	37.10 0.55 0.00	35.01 0.48 0.00	34.67 0.61 0.00	35.70 0.74 0.00	40.53 1.07 0.00	57.26 1.88 0.00	71.45 2.62 0.00	52.77 1.44 0.00	37.51 0.52 0.00	33.11 0.26 0.00	29.11 0.06 0.00	27.18 -0.03 0.00	26.19 -0.10 0.00	25.75 -0.10 0.00	28.78 0.09 0.00	31.76 0.25 0.00	38.89 0.84 0.00	48.58 1.09 0.00	59.70 1.51 0.00	52.39 1.43 0.00	42.30 1.23 0.00	38.68 1.02 0.00	36.08 0.88 0.00
UPPER RAQUET___HYD 24056	39.06 0.04 0.00	36.70 0.15 0.00	34.73 0.21 0.00	34.33 0.27 0.00	35.14 0.18 0.00	39.70 0.24 0.00	55.54 0.17 0.00	69.04 0.21 0.00	51.49 0.15 0.00	36.92 -0.07 0.00	32.62 -0.23 0.00	28.74 -0.32 0.00	26.88 -0.33 0.00	25.98 -0.31 0.00	25.51 -0.34 0.00	28.38 -0.32 0.00	31.13 -0.38 0.00	37.83 -0.23 0.00	47.34 -0.14 0.00	58.31 0.12 0.00	51.07 0.10 0.00	41.03 -0.04 0.00	37.51 -0.15 0.00	34.92 -0.28 0.00
VALLEY44_115KV_TB2 355964	38.67 -0.35 0.00	36.26 -0.29 0.00	33.97 -0.55 0.00	33.38 -0.68 0.00	34.34 -0.63 0.00	38.63 -0.83 0.00	54.60 -0.78 0.00	66.42 -2.41 0.00	49.13 -2.21 0.00	35.62 -1.37 0.00	31.54 -1.31 0.00	27.84 -1.22 0.00	26.06 -1.14 0.00	25.33 -0.97 0.00	24.81 -1.03 0.00	27.43 -1.26 0.00	30.00 -1.51 0.00	36.04 -2.02 0.00	45.35 -2.14 0.00	56.10 -2.09 0.00	48.57 -2.40 0.00	38.27 -2.79 0.00	35.55 -2.11 0.00	33.58 -1.62 0.00
VALLEY___115KV_TB 1-4 80826	38.71 -0.31 0.00	36.30 -0.26 0.00	34.32 -0.21 0.00	33.92 -0.14 0.00	34.83 -0.14 0.00	39.38 -0.08 0.00	55.38 0.00 0.00	69.11 0.28 0.00	51.49 0.15 0.00	36.99 0.00 0.00	32.85 0.00 0.00	29.03 -0.03 0.00	27.18 -0.03 0.00	26.27 -0.03 0.00	25.80 -0.05 0.00	28.67 -0.03 0.00	31.48 -0.03 0.00	38.13 0.08 0.00	47.58 0.09 0.00	58.31 0.12 0.00	51.02 0.05 0.00	41.11 0.04 0.00	37.59 -0.08 0.00	35.06 -0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.62 1.60 0.00	38.13 1.57 0.00	35.94 1.42 0.00	35.49 1.43 0.00	36.40 1.43 0.00	41.16 1.70 0.00	58.09 2.71 0.00	72.62 3.79 0.00	53.80 2.46 0.00	38.33 1.33 0.00	33.87 1.02 0.00	29.81 0.76 0.00	27.91 0.71 0.00	26.98 0.68 0.00	26.49 0.65 0.00	29.50 0.80 0.00	32.36 0.85 0.00	39.42 1.37 0.00	49.29 1.80 0.00	60.64 2.44 0.00	53.16 2.19 0.00	42.83 1.77 0.00	39.17 1.51 0.00	36.51 1.30 0.00
VISCHER___FERRY HYD 24020	39.80 0.78 0.00	37.21 0.66 0.00	35.18 0.65 0.00	34.78 0.72 0.00	35.77 0.80 0.00	40.53 1.07 0.00	56.92 1.55 0.00	70.76 1.92 0.00	52.67 1.33 0.00	37.88 0.89 0.00	33.61 0.76 0.00	29.70 0.64 0.00	27.75 0.54 0.00	26.82 0.53 0.00	26.37 0.52 0.00	29.30 0.60 0.00	32.30 0.79 0.00	39.24 1.18 0.00	48.86 1.38 0.00	59.76 1.57 0.00	52.45 1.48 0.00	42.46 1.40 0.00	38.87 1.20 0.00	36.43 1.23 0.00
V_A_10_SYNC_DSASP 323832	37.07 -1.95 0.00	34.73 -1.83 0.00	32.59 -1.93 0.00	32.02 -2.04 0.00	32.80 -2.17 0.00	36.98 -2.48 0.00	51.56 -3.82 0.00	63.19 -5.64 0.00	47.18 -4.16 0.00	34.33 -2.66 0.00	30.42 -2.43 0.00	26.85 -2.21 0.00	25.30 -1.90 0.00	24.46 -1.84 0.00	23.96 -1.89 0.00	26.54 -2.15 0.00	29.08 -2.43 0.00	34.82 -3.23 0.00	43.64 -3.84 0.00	53.83 -4.37 0.00	46.74 -4.23 0.00	37.00 -4.07 0.00	34.58 -3.09 0.00	32.32 -2.89 0.00
V_CMM_10_SYNC_DSASP 323787	39.49 0.47 0.00	37.06 0.51 0.00	35.07 0.55 0.00	34.64 0.58 0.00	35.49 0.53 0.00	40.09 0.63 0.00	55.99 0.61 0.00	69.45 0.62 0.00	51.95 0.62 0.00	37.44 0.45 0.00	33.21 0.36 0.00	29.32 0.26 0.00	27.42 0.22 0.00	26.51 0.21 0.00	26.05 0.21 0.00	28.93 0.23 0.00	31.73 0.22 0.00	38.36 0.30 0.00	47.91 0.43 0.00	58.77 0.58 0.00	51.48 0.51 0.00	41.43 0.37 0.00	38.00 0.34 0.00	35.48 0.28 0.00
V_CMP_10_SYNC_DSASP 323788	40.62 1.60 0.00	38.31 1.75 0.00	36.35 1.83 0.00	36.00 1.94 0.00	36.92 1.96 0.00	41.79 2.33 0.00	57.53 2.16 0.00	70.42 1.58 0.00	53.39 2.06 0.00	38.99 2.00 0.00	34.49 1.64 0.00	30.42 1.37 0.00	28.43 1.23 0.00	27.45 1.16 0.00	26.96 1.11 0.00	29.96 1.26 0.00	32.89 1.38 0.00	39.81 1.75 0.00	49.76 2.28 0.00	61.04 2.85 0.00	53.32 2.35 0.00	42.71 1.64 0.00	39.13 1.47 0.00	36.40 1.20 0.00
V_D_10_SYNC_DSASP 323841	39.61 0.59 0.00	37.17 0.62 0.00	35.18 0.65 0.00	34.74 0.68 0.00	35.60 0.63 0.00	40.21 0.75 0.00	56.15 0.77 0.00	69.73 0.89 0.00	52.11 0.77 0.00	37.51 0.52 0.00	33.21 0.36 0.00	29.32 0.26 0.00	27.42 0.22 0.00	26.53 0.24 0.00	26.05 0.21 0.00	28.93 0.23 0.00	31.76 0.25 0.00	38.43 0.38 0.00	48.01 0.52 0.00	59.01 0.81 0.00	51.63 0.66 0.00	41.52 0.45 0.00	38.08 0.42 0.00	35.52 0.32 0.00
V_E_10_SYNC_DSASP 323830	41.75 2.73 0.00	39.26 2.70 0.00	37.01 2.49 0.00	36.58 2.52 0.00	37.48 2.52 0.00	42.34 2.88 0.00	60.25 4.87 0.00	75.30 6.47 0.00	55.19 3.85 0.00	38.62 1.63 0.00	33.77 0.92 0.00	29.52 0.46 0.00	27.66 0.46 0.00	26.72 0.42 0.00	26.18 0.34 0.00	29.33 0.63 0.00	32.20 0.69 0.00	39.81 1.75 0.00	50.29 2.80 0.00	62.61 4.42 0.00	54.54 3.57 0.00	43.61 2.55 0.00	39.81 2.15 0.00	36.93 1.72 0.00
V_F_30_NSYNC___DSASP 323816	40.19 1.17 0.00	37.65 1.10 0.00	35.52 1.00 0.00	35.15 1.09 0.00	36.19 1.22 0.00	41.00 1.54 0.00	57.87 2.49 0.00	72.00 3.17 0.00	53.34 2.00 0.00	38.07 1.07 0.00	33.64 0.79 0.00	29.64 0.58 0.00	27.66 0.46 0.00	26.69 0.40 0.00	26.26 0.41 0.00	29.27 0.57 0.00	32.30 0.79 0.00	39.42 1.37 0.00	49.24 1.76 0.00	60.40 2.21 0.00	53.01 2.04 0.00	42.79 1.72 0.00	39.17 1.51 0.00	36.65 1.44 0.00

V_F_30_SYNC_DSASP 323786	39.45 0.43 0.00	36.96 0.40 0.00	34.97 0.45 0.00	34.57 0.51 0.00	35.49 0.52 0.00	40.21 0.75 0.00	56.48 1.11 0.00	70.28 1.45 0.00	52.41 1.08 0.00	37.66 0.67 0.00	33.57 0.72 0.00	29.67 0.61 0.00	27.75 0.54 0.00	26.80 0.50 0.00	26.34 0.49 0.00	29.30 0.60 0.00	32.20 0.69 0.00	38.93 0.88 0.00	48.43 0.95 0.00	59.24 1.05 0.00	51.99 1.02 0.00	42.05 0.99 0.00	38.53 0.87 0.00	36.12 0.92 0.00
V_XM_10_SYNC_DSASP 323789	40.62 1.60 0.00	38.31 1.75 0.00	36.35 1.83 0.00	36.00 1.94 0.00	36.92 1.96 0.00	41.79 2.33 0.00	57.53 2.16 0.00	70.42 1.58 0.00	53.39 2.06 0.00	38.99 2.00 0.00	34.49 1.64 0.00	30.42 1.37 0.00	28.43 1.23 0.00	27.45 1.16 0.00	26.96 1.11 0.00	29.96 1.26 0.00	32.89 1.38 0.00	39.81 1.75 0.00	49.76 2.28 0.00	61.04 2.85 0.00	53.32 2.35 0.00	42.71 1.64 0.00	39.13 1.47 0.00	36.40 1.20 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.96 0.94 0.00	37.36 0.80 0.00	35.21 0.69 0.00	34.84 0.78 0.00	35.84 0.87 0.00	40.76 1.30 0.00	57.54 2.16 0.00	72.14 3.30 0.00	53.85 2.52 0.00	38.73 1.74 0.00	34.36 1.51 0.00	30.42 1.37 0.00	28.51 1.31 0.00	27.53 1.24 0.00	27.14 1.29 0.00	30.13 1.43 0.00	32.93 1.42 0.00	39.80 1.75 0.00	49.48 1.99 0.00	60.58 2.39 0.00	53.16 2.19 0.00	42.87 1.81 0.00	39.25 1.58 0.00	36.51 1.30 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.35 1.33 0.00	37.72 1.17 0.00	35.52 1.00 0.00	35.15 1.09 0.00	36.15 1.19 0.00	41.04 1.58 0.00	57.87 2.49 0.00	72.55 3.72 0.00	54.26 2.93 0.00	39.21 2.22 0.00	34.92 2.07 0.00	30.95 1.89 0.00	29.03 1.82 0.00	28.01 1.71 0.00	27.58 1.73 0.00	30.59 1.89 0.00	33.52 2.02 0.00	40.45 2.40 0.00	50.14 2.66 0.00	61.28 3.08 0.00	53.82 2.85 0.00	43.37 2.30 0.00	39.74 2.07 0.00	36.89 1.69 0.00
W50THST__13_KV_LOAD 356117	40.50 1.48 0.00	37.83 1.28 0.00	35.63 1.10 0.00	35.25 1.19 0.00	36.29 1.33 0.00	41.16 1.70 0.00	58.14 2.77 0.00	72.96 4.13 0.00	54.52 3.18 0.00	39.43 2.44 0.00	35.12 2.27 0.00	31.12 2.06 0.00	29.19 1.99 0.00	28.17 1.87 0.00	27.74 1.89 0.00	30.76 2.07 0.00	33.71 2.21 0.00	40.68 2.63 0.00	50.38 2.90 0.00	61.57 3.38 0.00	54.03 3.06 0.00	43.53 2.46 0.00	39.85 2.18 0.00	37.00 1.80 0.00
WADING RIVER_IC_1 23522	39.45 0.43 0.00	36.41 -0.15 0.00	34.59 0.07 0.00	34.09 0.03 0.00	35.18 0.21 0.00	40.56 1.10 0.00	55.65 0.28 0.01	70.28 1.45 0.00	52.26 0.93 0.00	39.84 2.85 0.00	35.51 2.66 0.00	31.35 2.29 0.00	29.27 2.07 0.00	28.30 2.00 0.00	27.89 2.04 0.00	31.08 2.38 0.00	34.34 2.84 0.00	39.46 1.41 0.00	49.33 1.85 0.00	60.00 1.81 0.00	52.75 1.78 0.00	43.49 2.42 0.00	39.06 1.39 0.00	36.57 1.37 0.00
WADING RIVER_IC_2 23547	39.45 0.43 0.00	36.41 -0.15 0.00	34.59 0.07 0.00	34.09 0.03 0.00	35.18 0.21 0.00	40.56 1.10 0.00	55.65 0.28 0.01	70.28 1.45 0.00	52.26 0.93 0.00	39.84 2.85 0.00	35.51 2.66 0.00	31.35 2.29 0.00	29.27 2.07 0.00	28.30 2.00 0.00	27.89 2.04 0.00	31.08 2.38 0.00	34.34 2.84 0.00	39.46 1.41 0.00	49.33 1.85 0.00	60.00 1.81 0.00	52.75 1.78 0.00	43.49 2.42 0.00	39.06 1.39 0.00	36.57 1.37 0.00
WADING RIVER_IC_3 23601	39.45 0.43 0.00	36.41 -0.15 0.00	34.59 0.07 0.00	34.09 0.03 0.00	35.18 0.21 0.00	40.56 1.10 0.00	55.65 0.28 0.01	70.28 1.45 0.00	52.26 0.93 0.00	39.84 2.85 0.00	35.51 2.66 0.00	31.35 2.29 0.00	29.27 2.07 0.00	28.30 2.00 0.00	27.89 2.04 0.00	31.08 2.38 0.00	34.34 2.84 0.00	39.46 1.41 0.00	49.33 1.85 0.00	60.00 1.81 0.00	52.75 1.78 0.00	43.49 2.42 0.00	39.06 1.39 0.00	36.57 1.37 0.00
WALDENNY_12_KV_BK2 80841	38.04 -0.98 0.00	35.68 -0.88 0.00	33.35 -1.17 0.00	32.76 -1.29 0.00	33.64 -1.33 0.00	37.92 -1.54 0.00	53.05 -2.33 0.00	64.64 -4.20 0.00	47.90 -3.44 0.00	35.11 -1.89 0.00	31.04 -1.81 0.00	27.37 -1.69 0.00	25.62 -1.58 0.00	24.93 -1.37 0.00	24.43 -1.42 0.00	26.98 -1.72 0.00	29.62 -1.89 0.00	35.50 -2.55 0.00	44.59 -2.90 0.00	55.11 -3.08 0.00	47.66 -3.31 0.00	37.49 -3.57 0.00	35.07 -2.60 0.00	32.88 -2.32 0.00
WALDEN__HYDRO 24148	39.96 0.94 0.00	37.36 0.80 0.00	35.25 0.72 0.00	34.84 0.78 0.00	35.84 0.87 0.00	40.64 1.18 0.00	57.26 1.88 0.00	71.66 2.82 0.00	53.39 2.05 0.00	38.40 1.41 0.00	34.03 1.18 0.00	30.13 1.08 0.00	28.24 1.03 0.00	27.30 1.00 0.00	26.88 1.03 0.00	29.85 1.15 0.00	32.74 1.23 0.00	39.61 1.56 0.00	49.38 1.90 0.00	60.46 2.27 0.00	53.01 2.04 0.00	42.79 1.72 0.00	39.13 1.47 0.00	36.47 1.27 0.00
WARRENSBURG____ 23737	39.61 0.59 0.00	37.10 0.55 0.00	35.04 0.52 0.00	34.67 0.61 0.00	35.70 0.73 0.00	40.53 1.07 0.00	57.26 1.88 0.00	71.45 2.62 0.00	52.83 1.49 0.00	37.51 0.52 0.00	33.11 0.26 0.00	29.11 0.06 0.00	27.20 0.00 0.00	26.19 -0.11 0.00	25.74 -0.10 0.00	28.78 0.09 0.00	31.76 0.25 0.00	38.85 0.80 0.00	48.58 1.09 0.00	59.70 1.51 0.00	52.40 1.43 0.00	42.30 1.23 0.00	38.68 1.02 0.00	36.08 0.88 0.00
WATERSIDE____6 8 9 23538	39.39 1.56 1.19	36.46 1.39 1.48	33.88 1.17 1.82	33.44 1.26 1.88	34.65 1.40 1.72	40.48 1.78 0.76	57.98 2.60 0.00	72.76 3.92 0.00	54.48 3.13 -0.01	47.52 2.33 -8.20	45.33 2.17 -10.31	44.68 1.98 -13.64	44.37 1.90 -15.26	43.39 1.79 -15.30	43.09 1.81 -15.44	43.98 2.01 -13.27	44.69 2.11 -11.07	44.46 2.55 -3.86	50.39 2.90 -0.01	57.86 3.20 3.53	53.20 3.01 0.78	43.62 2.55 -0.01	39.92 2.26 0.01	35.72 1.90 1.39
WATKINRD_115KV_LN8_ILLION 55919	38.90 -0.12 0.00	36.44 -0.11 0.00	34.45 -0.07 0.00	34.02 -0.03 0.00	34.93 -0.03 0.00	39.50 0.04 0.00	55.49 0.11 0.00	69.18 0.34 0.00	51.54 0.21 0.00	37.03 0.04 0.00	32.88 0.03 0.00	29.06 0.00 0.00	27.20 0.00 0.00	26.30 0.00 0.00	25.85 0.00 0.00	28.73 0.03 0.00	31.54 0.03 0.00	38.21 0.15 0.00	47.63 0.14 0.00	58.42 0.23 0.00	51.17 0.20 0.00	41.23 0.16 0.00	37.70 0.04 0.00	35.20 0.00 0.00
WATSON____69_KV_BK 1 55734	40.62 1.60 0.00	37.83 1.28 0.00	35.66 1.14 0.00	35.25 1.19 0.00	36.26 1.29 0.00	41.71 2.25 0.00	57.80 2.44 0.01	72.83 3.99 0.00	54.37 3.03 0.00	39.99 3.00 0.00	35.58 2.73 0.00	31.41 2.35 0.00	29.35 2.15 0.00	28.35 2.05 0.00	27.92 2.07 0.00	31.11 2.41 0.00	34.12 2.62 0.00	41.06 3.01 0.00	50.95 3.47 0.00	62.03 3.84 0.00	54.49 3.52 0.00	44.39 3.33 0.00	40.56 2.90 0.00	37.49 2.29 0.00
WDELAWARE__HYD 323627	39.76 0.74 0.00	37.21 0.66 0.00	35.07 0.55 0.00	34.67 0.61 0.00	35.66 0.70 0.00	40.41 0.95 0.00	57.04 1.66 0.00	71.38 2.55 0.00	53.03 1.69 0.00	38.03 1.03 0.00	33.64 0.79 0.00	29.73 0.67 0.00	27.83 0.63 0.00	26.90 0.61 0.00	26.52 0.67 0.00	29.44 0.74 0.00	32.33 0.82 0.00	39.19 1.14 0.00	49.00 1.52 0.00	60.11 1.92 0.00	52.70 1.73 0.00	42.50 1.44 0.00	38.83 1.17 0.00	36.22 1.02 0.00

WEST BABYLON___IC 23714	40.66 1.64 0.00	37.87 1.32 0.00	35.70 1.17 0.00	35.29 1.23 0.00	36.29 1.33 0.00	41.63 2.17 0.00	57.81 2.44 0.01	72.83 3.99 0.00	54.37 3.03 0.00	39.84 2.85 0.00	35.48 2.63 0.00	31.32 2.27 0.00	29.27 2.07 0.00	28.27 1.97 0.00	27.84 1.99 0.00	31.02 2.32 0.00	34.03 2.52 0.00	41.02 2.97 0.00	50.86 3.37 0.00	61.97 3.78 0.00	54.44 3.47 0.00	44.31 3.24 0.00	40.49 2.82 0.00	37.46 2.25 0.00
WEST CANADA___HYD 24049	39.18 0.16 0.00	36.70 0.15 0.00	34.66 0.14 0.00	34.20 0.14 0.00	35.14 0.18 0.00	39.66 0.20 0.00	55.71 0.33 0.00	69.32 0.49 0.00	51.65 0.31 0.00	37.14 0.15 0.00	32.98 0.13 0.00	29.17 0.12 0.00	27.31 0.11 0.00	26.40 0.11 0.00	25.95 0.10 0.00	28.81 0.12 0.00	31.63 0.13 0.00	38.28 0.23 0.00	47.77 0.29 0.00	58.54 0.35 0.00	51.28 0.31 0.00	41.39 0.33 0.00	37.93 0.27 0.00	35.42 0.21 0.00
WESTERN_NY_WIND 24143	38.28 -0.74 0.00	35.86 -0.69 0.00	33.56 -0.97 0.00	33.00 -1.06 0.00	33.88 -1.08 0.00	38.28 -1.18 0.00	53.71 -1.66 0.00	65.81 -3.03 0.00	48.67 -2.67 0.00	35.33 -1.66 0.00	31.17 -1.68 0.00	27.37 -1.69 0.00	25.65 -1.55 0.00	24.90 -1.39 0.00	24.43 -1.42 0.00	27.00 -1.69 0.00	29.74 -1.76 0.00	35.81 -2.25 0.00	45.21 -2.28 0.00	55.98 -2.21 0.00	48.47 -2.50 0.00	38.31 -2.75 0.00	35.74 -1.92 0.00	33.30 -1.90 0.00
WESTOVER___LESR 323668	38.98 -0.04 0.00	36.52 -0.04 0.00	34.38 -0.14 0.00	33.89 -0.17 0.00	34.79 -0.17 0.00	39.22 -0.24 0.00	55.32 -0.06 0.00	68.56 -0.28 0.00	50.82 -0.51 0.00	36.66 -0.33 0.00	32.45 -0.39 0.00	28.68 -0.38 0.00	26.85 -0.35 0.00	25.98 -0.32 0.00	25.51 -0.34 0.00	28.30 -0.40 0.00	31.04 -0.47 0.00	37.52 -0.53 0.00	46.96 -0.52 0.00	57.78 -0.41 0.00	50.46 -0.51 0.00	40.41 -0.66 0.00	37.14 -0.53 0.00	34.78 -0.42 0.00
WETHRSFD_WT_PWR 323626	37.69 -1.33 0.00	35.35 -1.21 0.00	33.21 -1.31 0.00	32.63 -1.43 0.00	33.39 -1.57 0.00	37.61 -1.85 0.00	52.72 -2.66 0.00	64.57 -4.27 0.00	47.69 -3.64 0.00	34.37 -2.63 0.00	30.35 -2.50 0.00	26.79 -2.27 0.00	25.24 -1.96 0.00	24.40 -1.89 0.00	23.94 -1.91 0.00	26.57 -2.12 0.00	29.14 -2.36 0.00	35.20 -2.85 0.00	44.59 -2.90 0.00	55.11 -3.09 0.00	47.71 -3.26 0.00	37.66 -3.41 0.00	34.95 -2.71 0.00	32.67 -2.54 0.00
WHAVSTOR_138KV_BK127 55557	39.84 0.82 0.00	37.25 0.69 0.00	35.14 0.62 0.00	34.74 0.68 0.00	35.73 0.77 0.00	40.53 1.07 0.00	57.09 1.72 0.00	71.59 2.75 0.00	53.44 2.10 0.00	38.51 1.52 0.00	34.23 1.38 0.00	30.34 1.28 0.00	28.43 1.22 0.00	27.46 1.16 0.00	27.04 1.19 0.00	30.02 1.32 0.00	32.86 1.35 0.00	39.73 1.67 0.00	49.38 1.90 0.00	60.34 2.15 0.00	53.01 2.04 0.00	42.79 1.72 0.00	39.13 1.47 0.00	36.44 1.23 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.84 0.82 0.00	37.25 0.69 0.00	35.14 0.62 0.00	34.74 0.68 0.00	35.73 0.77 0.00	40.53 1.07 0.00	57.09 1.72 0.00	71.59 2.75 0.00	53.44 2.10 0.00	38.51 1.52 0.00	34.23 1.38 0.00	30.34 1.28 0.00	28.43 1.22 0.00	27.46 1.16 0.00	27.04 1.19 0.00	30.02 1.32 0.00	32.86 1.35 0.00	39.73 1.67 0.00	49.38 1.90 0.00	60.34 2.15 0.00	53.01 2.04 0.00	42.79 1.72 0.00	39.13 1.47 0.00	36.44 1.23 0.00
WHITEHAL_115KV_TB1 80871	40.31 1.29 0.00	37.76 1.21 0.00	35.63 1.10 0.00	35.29 1.23 0.00	36.40 1.43 0.00	41.35 1.89 0.00	58.59 3.21 0.00	73.03 4.20 0.00	53.75 2.41 0.00	37.96 0.96 0.00	33.47 0.62 0.00	29.41 0.35 0.00	27.42 0.22 0.00	26.38 0.08 0.00	25.93 0.08 0.00	29.01 0.32 0.00	32.07 0.57 0.00	39.35 1.29 0.00	49.38 1.90 0.00	60.81 2.62 0.00	53.37 2.40 0.00	43.04 1.97 0.00	39.32 1.66 0.00	36.68 1.48 0.00
WHITEPLN_13_KV_LOAD 356215	40.42 1.40 0.00	37.80 1.24 0.00	35.63 1.10 0.00	35.25 1.19 0.00	36.26 1.29 0.00	41.20 1.74 0.00	58.09 2.71 0.00	72.96 4.13 0.00	54.47 3.13 0.00	39.25 2.26 0.00	34.89 2.04 0.00	30.89 1.83 0.00	28.97 1.77 0.00	27.96 1.66 0.00	27.53 1.68 0.00	30.56 1.87 0.00	33.49 1.98 0.00	40.53 2.47 0.00	50.43 2.94 0.00	61.63 3.43 0.00	54.08 3.11 0.00	43.57 2.51 0.00	39.89 2.22 0.00	37.00 1.80 0.00
WM_FLOYD_69_KV_BK2 356380	39.92 0.90 0.00	36.99 0.44 0.00	35.04 0.52 0.00	34.60 0.54 0.00	35.63 0.66 0.00	41.00 1.54 0.00	56.53 1.16 0.01	71.31 2.48 0.00	53.18 1.85 0.00	39.73 2.74 0.00	35.38 2.53 0.00	31.27 2.21 0.00	29.19 1.99 0.00	28.22 1.92 0.00	27.79 1.94 0.00	30.99 2.30 0.00	33.84 2.33 0.00	40.34 2.28 0.00	49.95 2.47 0.00	60.81 2.62 0.00	53.42 2.45 0.00	43.61 2.55 0.00	39.96 2.30 0.00	36.93 1.72 0.00
WOODARD___115KV_TB2 355635	38.43 -0.59 0.00	36.01 -0.55 0.00	33.97 -0.55 0.00	33.41 -0.65 0.00	34.30 -0.66 0.00	38.55 -0.91 0.00	54.32 -1.05 0.00	67.46 -1.38 0.00	50.16 -1.18 0.00	36.22 -0.78 0.00	32.13 -0.72 0.00	28.42 -0.64 0.00	26.60 -0.60 0.00	25.75 -0.55 0.00	25.28 -0.57 0.00	28.07 -0.63 0.00	30.81 -0.69 0.00	37.10 -0.95 0.00	46.39 -1.09 0.00	56.97 -1.22 0.00	49.75 -1.22 0.00	39.96 -1.11 0.00	36.68 -0.98 0.00	34.36 -0.84 0.00
YORK___WARBASSE 23770	49.20 1.87 -8.30	48.56 1.68 -10.33	48.55 1.45 -12.58	48.59 1.53 -12.99	48.59 1.68 -11.95	48.62 2.05 -7.10	58.26 2.88 0.00	73.17 4.34 0.00	55.45 3.44 -0.67	63.59 2.55 -24.04	64.29 2.30 -29.14	70.09 2.12 -38.92	70.77 2.04 -41.52	70.87 1.92 -42.65	72.54 1.96 -44.72	69.72 2.15 -38.87	67.01 2.30 -33.20	86.27 2.78 -45.43	86.23 3.23 -35.51	86.25 3.61 -24.45	86.14 3.36 -31.80	54.26 2.79 -10.40	53.59 2.52 -13.40	50.33 2.15 -12.98