

# Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										10/10/2025		
Generator Data																																		
Name		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									
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT									
59TH STREET_GT_1		38.73	35.53	33.84	33.12	33.59	38.18	57.29	72.40	48.21	37.21	33.25	32.76	32.05	30.86	32.79	37.84	40.28	50.17	61.28	59.78	47.44	41.83	38.25	34.86									
24138		1.56	1.27	1.24	1.21	1.17	1.43	1.88	3.05	2.21	2.24	2.20	2.09	1.98	1.79	1.75	1.88	2.35	2.43	2.58	2.57	2.13	2.29	2.10	1.75									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	0.00	-2.53	-4.14	-6.38	-9.50	-5.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_1		38.76	35.53	33.84	33.15	33.62	38.18	57.24	72.26	48.21	37.21	33.25	32.76	32.04	30.88	32.79	37.83	40.30	50.17	61.28	59.78	47.44	41.83	38.25	34.93									
24260		1.60	1.27	1.24	1.24	1.20	1.43	1.83	2.91	2.21	2.24	2.20	2.09	1.98	1.82	1.75	1.88	2.38	2.43	2.58	2.57	2.13	2.29	2.10	1.82									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	0.00	-2.53	-4.14	-6.37	-9.48	-5.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_2		38.76	35.53	33.84	33.15	33.62	38.18	57.24	72.26	48.21	37.21	33.25	32.76	32.04	30.88	32.79	37.83	40.30	50.17	61.28	59.78	47.44	41.83	38.25	34.93									
24261		1.60	1.27	1.24	1.24	1.20	1.43	1.83	2.91	2.21	2.24	2.20	2.09	1.98	1.82	1.75	1.88	2.38	2.43	2.58	2.57	2.13	2.29	2.10	1.82									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	0.00	-2.53	-4.14	-6.37	-9.48	-5.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK HUDSON___FALLS		38.06	35.25	33.65	32.99	33.52	38.07	57.51	71.91	47.15	35.56	30.84	31.23	28.49	26.28	26.60	29.36	34.39	48.92	60.34	59.33	47.04	40.96	37.49	34.37									
24011		0.89	0.99	1.04	1.08	1.10	1.32	2.11	2.57	1.15	0.59	0.12	0.55	0.36	0.37	0.42	0.64	0.49	1.19	1.64	2.12	1.72	1.42	1.34	1.26									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	-0.60	-0.99	-1.52	-2.26	-1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK RESOURCE___RCVRY		38.10	35.32	33.68	33.05	33.59	38.14	57.63	72.05	47.19	35.56	30.72	30.49	27.83	25.68	25.98	28.72	34.32	48.93	60.46	59.44	47.13	41.04	37.52	34.40									
23798		0.93	1.06	1.07	1.15	1.17	1.40	2.22	2.70	1.19	0.59	0.00	-0.18	-0.30	-0.22	-0.20	0.00	0.42	1.19	1.76	2.23	1.81	1.50	1.37	1.29									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	-0.60	-0.98	-1.51	-2.25	-1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK S GLENS___FALLS		38.06	35.25	33.65	32.99	33.52	38.07	57.51	71.91	47.15	35.56	30.84	31.23	28.49	26.28	26.60	29.36	34.39	48.92	60.34	59.33	47.04	40.96	37.49	34.37									
24028		0.89	0.99	1.04	1.08	1.10	1.32	2.11	2.57	1.15	0.59	0.12	0.55	0.36	0.37	0.42	0.64	0.49	1.19	1.64	2.12	1.72	1.42	1.34	1.26									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	-0.60	-0.99	-1.52	-2.26	-1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK_NYS___DAM		38.32	35.32	33.68	32.99	33.49	38.22	57.74	72.12	47.84	36.47	32.01	32.02	29.34	27.18	27.58	30.50	35.79	49.78	61.11	59.72	47.31	41.39	38.10	34.70									
23527		1.15	1.06	1.07	1.09	1.07	1.47	2.33	2.78	1.84	1.50	1.26	1.35	1.02	0.97	0.94	1.09	1.50	2.05	2.41	2.51	1.99	1.86	1.95	1.59									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	-0.78	-1.28	-1.98	-2.94	-1.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
AIR_PRODUCTS___DRP		37.05	34.22	32.64	31.97	32.45	36.89	55.46	69.62	46.14	35.18	30.89	30.77	28.28	26.13	26.50	29.22	34.38	47.87	58.70	57.38	45.54	39.85	36.66	33.47									
24190		-0.11	-0.03	0.03	0.06	0.03	0.15	0.06	0.28	0.14	0.21	0.15	0.09	0.06	0.07	0.10	0.16	0.29	0.14	0.00	0.17	0.23	0.32	0.51	0.36									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	0.00	-0.69	-1.13	-1.74	-2.59	-1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
AKWESSNE_115KV_BK		37.61	34.70	32.96	32.19	32.71	37.15	56.13	70.18	46.32	35.21	30.84	31.01	27.78	25.10	24.81	26.63	32.87	48.30	59.40	57.78	45.72	39.73	36.30	33.18									
355683		0.45	0.45	0.36	0.29	0.29	0.40	0.72	0.83	0.32	0.24	0.21	0.34	0.25	0.17	0.15	0.16	0.23	0.57	0.70	0.57	0.41	0.20	0.14	0.07									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		37.91	35.05	33.38	32.73	33.23	37.74	56.85	70.94	46.73	35.35	31.14	30.77	28.31	26.19	26.61	29.43	34.71	48.69	59.81	58.64	46.49	40.64	37.31	34.10									
323833		0.74	0.79	0.78	0.83	0.81	0.99	1.44	1.60	0.73	0.39	0.40	0.09	0.06	0.08	0.12	0.24	0.55	0.95	1.11	1.43	1.18	1.11	1.16	0.99									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	0.00	-0.72	-1.19	-1.83	-2.72	-1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY_2_SOLAR		37.91	35.05	33.38	32.73	33.23	37.74	56.80	70.94	46.73	35.35	31.14	30.77	28.31	26.19	26.61	29.42	34.71	48.64	59.81	58.58	46.49	40.64	37.27	34.10									
323834		0.74	0.79	0.78	0.83	0.81	0.99	1.39	1.60	0.73	0.39	0.40	0.09	0.06	0.08	0.12	0.24	0.55	0.90	1.11	1.37	1.18	1.11	1.12	0.99									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	0.00	-0.72	-1.19	-1.83	-2.72	-1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY___1		37.05	34.22	32.64	31.97	32.45	36.89	55.46	69.62	46.14	35.18	30.89	30.77	28.28	26.13	26.50	29.22	34.38	47.87	58.70	57.38	45.54	39.85	36.66	33.47									
23571		-0.11	-0.03	0.03	0.06	0.03	0.15	0.06	0.28	0.14	0.21	0.15	0.09	0.06	0.07	0.10	0.16	0.29	0.14	0.00	0.17	0.23	0.32	0.51	0.36									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	0.00	-0.69	-1.13	-1.74	-2.59	-1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00									

ALBANY___2 23572	37.05 -0.11 0.00	34.22 -0.03 0.00	32.64 0.03 0.00	31.97 0.06 0.00	32.45 0.03 0.00	36.89 0.15 0.00	55.46 0.06 0.00	69.62 0.28 0.00	46.14 0.14 0.00	35.18 0.21 0.00	30.89 0.15 -0.11	30.77 0.09 0.00	28.28 0.06 -0.69	26.13 0.07 -1.13	26.50 0.10 -1.74	29.22 0.16 -2.59	34.38 0.29 -1.44	47.87 0.14 0.00	58.70 0.00 0.00	57.38 0.17 0.00	45.54 0.23 0.00	39.85 0.32 0.00	36.66 0.51 0.00	33.47 0.36 0.00
ALBANY___3 23573	37.05 -0.11 0.00	34.22 -0.03 0.00	32.64 0.03 0.00	31.97 0.06 0.00	32.45 0.03 0.00	36.89 0.15 0.00	55.46 0.06 0.00	69.62 0.28 0.00	46.14 0.14 0.00	35.18 0.21 0.00	30.89 0.15 -0.11	30.77 0.09 0.00	28.28 0.06 -0.69	26.13 0.07 -1.13	26.50 0.10 -1.74	29.22 0.16 -2.59	34.38 0.29 -1.44	47.87 0.14 0.00	58.70 0.00 0.00	57.38 0.17 0.00	45.54 0.23 0.00	39.85 0.32 0.00	36.66 0.51 0.00	33.47 0.36 0.00
ALBANY___4 23574	37.05 -0.11 0.00	34.22 -0.03 0.00	32.64 0.03 0.00	31.97 0.06 0.00	32.45 0.03 0.00	36.89 0.15 0.00	55.46 0.06 0.00	69.62 0.28 0.00	46.14 0.14 0.00	35.18 0.21 0.00	30.89 0.15 -0.11	30.77 0.09 0.00	28.28 0.06 -0.69	26.13 0.07 -1.13	26.50 0.10 -1.74	29.22 0.16 -2.59	34.38 0.29 -1.44	47.87 0.14 0.00	58.70 0.00 0.00	57.38 0.17 0.00	45.54 0.23 0.00	39.85 0.32 0.00	36.66 0.51 0.00	33.47 0.36 0.00
ALBANY___LFGE 323615	37.35 0.19 0.00	34.57 0.31 0.00	32.93 0.33 0.00	32.26 0.35 0.00	32.74 0.32 0.00	37.26 0.51 0.00	56.08 0.67 0.00	70.24 0.90 0.00	46.55 0.55 0.00	35.42 0.45 0.00	31.04 0.31 -0.11	30.95 0.28 0.00	28.40 0.19 -0.68	26.23 0.20 -1.11	26.57 0.20 -1.71	29.30 0.29 -2.54	34.58 0.52 -1.41	48.31 0.57 0.00	59.23 0.53 0.00	57.95 0.74 0.00	46.00 0.68 0.00	40.25 0.71 0.00	36.98 0.83 0.00	33.77 0.66 0.00
ALCOA_PA_115KV_PL-6C 55860	37.91 0.74 0.00	34.98 0.72 0.00	33.22 0.62 0.00	32.45 0.54 0.00	32.97 0.55 0.00	37.41 0.66 0.00	56.63 1.22 0.00	70.73 1.39 0.00	46.60 0.60 0.00	35.42 0.45 0.00	31.02 0.40 0.00	31.19 0.52 0.00	27.95 0.41 0.00	25.22 0.30 0.00	24.93 0.27 0.00	26.79 0.32 0.00	33.07 0.42 0.00	48.59 0.86 0.00	59.82 1.12 0.00	58.24 1.03 0.00	46.04 0.73 0.00	40.01 0.47 0.00	36.55 0.40 0.00	33.41 0.30 0.00
ALCOA_RYNLDS___DRP 24188	37.91 0.74 0.00	34.98 0.72 0.00	33.22 0.62 0.00	32.45 0.54 0.00	32.97 0.55 0.00	37.41 0.66 0.00	56.63 1.22 0.00	70.73 1.39 0.00	46.60 0.60 0.00	35.42 0.45 0.00	31.02 0.40 0.00	31.19 0.52 0.00	27.95 0.41 0.00	25.22 0.30 0.00	24.93 0.27 0.00	26.79 0.32 0.00	33.07 0.42 0.00	48.59 0.86 0.00	59.82 1.12 0.00	58.24 1.03 0.00	46.04 0.73 0.00	40.01 0.47 0.00	36.55 0.40 0.00	33.41 0.30 0.00
ALCOA___DSASP 323711	37.91 0.74 0.00	34.98 0.72 0.00	33.22 0.62 0.00	32.45 0.54 0.00	32.97 0.55 0.00	37.41 0.66 0.00	56.63 1.22 0.00	70.73 1.39 0.00	46.60 0.60 0.00	35.42 0.45 0.00	31.02 0.40 0.00	31.16 0.49 0.00	27.95 0.41 0.00	25.25 0.32 0.00	24.94 0.27 0.00	26.76 0.29 0.00	33.07 0.42 0.00	48.59 0.86 0.00	59.81 1.11 0.00	58.24 1.03 0.00	46.08 0.77 0.00	40.01 0.48 0.00	36.55 0.40 0.00	33.41 0.30 0.00
ALLEGHENY___COGEN 23514	38.84 1.67 0.00	36.00 1.75 0.00	34.20 1.60 0.00	33.37 1.47 0.00	34.17 1.75 0.00	38.29 1.54 0.00	57.18 1.77 0.00	70.80 1.46 0.00	47.56 1.56 0.00	35.11 0.14 0.00	30.61 0.06 0.07	30.64 -0.03 0.00	27.34 0.25 0.45	24.47 0.27 0.73	23.62 0.07 1.12	24.82 0.03 1.67	31.61 -0.10 0.94	48.54 0.81 0.00	60.87 2.17 0.00	59.10 1.89 0.00	46.40 1.09 0.00	40.09 0.55 0.00	36.44 0.29 0.00	33.84 0.73 0.00
ALTAMONT_115KV_TB 2 55880	37.46 0.30 0.00	34.57 0.31 0.00	32.93 0.33 0.00	32.22 0.32 0.00	32.74 0.32 0.00	37.19 0.44 0.00	55.96 0.55 0.00	70.18 0.83 0.00	46.55 0.55 0.00	35.49 0.52 0.00	31.22 0.49 -0.11	31.10 0.43 0.00	28.58 0.39 -0.66	26.37 0.37 -1.08	26.69 0.37 -1.66	29.36 0.42 -2.47	34.64 0.62 -1.37	48.35 0.62 0.00	59.29 0.59 0.00	57.90 0.69 0.00	45.99 0.68 0.00	40.25 0.71 0.00	36.91 0.76 0.00	33.74 0.63 0.00
ALTONA_WT_PWR 323606	38.50 1.34 0.00	35.56 1.30 0.00	33.81 1.21 0.00	32.99 1.09 0.00	33.52 1.10 0.00	38.03 1.29 0.00	57.51 2.11 0.00	71.77 2.43 0.00	47.33 1.33 0.00	36.02 1.05 0.00	31.60 0.98 0.00	31.78 1.10 0.00	28.47 0.94 0.00	25.70 0.77 0.00	25.35 0.69 0.00	27.21 0.74 0.00	33.62 0.98 0.00	49.54 1.81 0.00	60.99 2.29 0.00	59.21 2.00 0.00	46.63 1.31 0.00	40.13 0.59 0.00	36.48 0.32 0.00	33.14 0.03 0.00
AMERICAN_REF_FUEL 24010	37.46 0.30 0.00	34.33 0.07 0.00	33.19 0.59 0.00	32.03 0.13 0.00	33.23 0.81 0.00	36.05 -0.70 0.00	52.47 -2.94 0.00	64.35 -4.99 0.00	44.48 -1.52 0.00	33.43 -1.54 0.00	29.60 -0.95 0.07	29.72 -0.95 0.00	26.67 -0.44 0.42	23.96 -0.27 0.69	22.98 -0.62 1.07	23.93 -0.95 1.59	29.76 -1.99 0.89	44.73 -3.01 0.00	55.64 -3.05 0.00	53.49 -3.72 0.00	41.96 -3.35 0.00	36.49 -3.04 0.00	33.91 -2.24 0.00	32.51 -0.60 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.50 0.33 0.00	34.60 0.34 0.00	33.00 0.39 0.00	32.19 0.29 0.00	32.91 0.49 0.00	36.41 -0.33 0.00	53.63 -1.78 0.00	66.02 -3.33 0.00	45.36 -0.64 0.00	34.06 -0.91 0.00	30.24 -0.31 0.08	30.40 -0.28 0.00	27.35 0.28 0.46	24.57 0.40 0.76	23.52 0.02 1.16	24.55 -0.18 1.73	30.63 -1.05 0.97	46.54 -1.19 0.00	58.06 -0.64 0.00	55.38 -1.83 0.00	43.01 -2.31 0.00	37.01 -2.53 0.00	34.02 -2.13 0.00	32.02 -1.09 0.00
ARTHUR KILL_GT_1 23520	38.77 1.60 -0.01	35.60 1.34 -0.01	33.95 1.34 -0.01	33.22 1.31 -0.01	33.69 1.26 -0.01	38.14 1.40 0.00	55.96 0.55 0.01	70.72 1.39 0.01	47.19 1.20 0.01	37.07 2.10 -0.01	33.09 2.05 -0.42	32.64 1.96 0.00	31.91 1.84 -2.54	30.79 1.72 -4.14	32.74 1.70 -6.37	37.80 1.85 -9.48	40.21 2.29 -5.28	49.44 1.72 0.01	60.04 1.35 0.01	58.69 1.49 0.01	46.62 1.31 0.01	41.51 1.98 0.00	38.32 2.17 0.00	35.06 1.95 0.00
ARTHUR_KILL_2 23512	38.70 1.52 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.16 1.24 -0.01	33.59 1.17 -0.01	37.92 1.18 0.00	55.79 0.39 0.01	70.52 1.18 0.01	47.05 1.06 0.01	37.00 2.03 -0.01	33.00 1.96 -0.42	32.64 1.96 0.00	31.86 1.79 -2.54	30.74 1.67 -4.14	32.66 1.63 -6.37	37.73 1.77 -9.48	40.11 2.19 -5.28	49.25 1.53 0.01	59.87 1.17 0.01	58.52 1.32 0.01	46.44 1.13 0.01	41.39 1.86 0.00	38.21 2.06 0.00	34.96 1.85 0.00
ARTHUR_KILL_3 23513	38.36 1.19 0.00	35.18 0.93 0.00	33.52 0.91 0.00	32.80 0.89 0.00	33.26 0.84 0.00	37.73 0.99 0.01	56.63 1.22 0.00	71.56 2.22 0.00	47.70 1.70 0.00	36.85 1.89 0.00	32.94 1.90 -0.42	32.54 1.87 0.00	31.77 1.71 -2.53	30.64 1.57 -4.14	32.54 1.50 -6.37	37.57 1.61 -9.49	39.95 2.02 -5.28	49.59 1.86 0.00	60.63 1.93 0.00	59.10 1.89 0.00	46.90 1.59 0.00	41.39 1.86 0.00	37.89 1.74 0.00	34.56 1.46 0.00

ARTHUR_KILL_COGEN 323718	38.77 1.60 -0.01	35.60 1.33 -0.01	33.95 1.34 -0.01	33.22 1.31 -0.01	33.69 1.26 -0.01	38.03 1.29 0.00	55.96 0.55 0.01	70.72 1.39 0.01	47.19 1.19 0.01	37.07 2.10 -0.01	33.09 2.05 -0.42	32.70 2.02 0.00	31.94 1.87 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.80 1.85 -9.48	40.21 2.28 -5.28	49.44 1.72 0.01	60.04 1.35 0.01	58.69 1.48 0.01	46.57 1.27 0.01	41.51 1.98 0.00	38.32 2.17 0.00	35.06 1.95 0.00
ASHOKAN____ 23654	38.47 1.30 0.00	35.39 1.13 0.00	33.78 1.17 0.00	33.15 1.24 0.00	33.59 1.17 0.00	38.07 1.32 0.00	57.68 2.27 0.00	71.70 2.36 0.00	47.15 1.15 0.00	35.63 0.66 0.00	32.23 1.44 -0.17	31.72 1.04 0.00	29.71 1.13 -1.04	27.68 1.05 -1.71	28.40 1.11 -2.63	31.71 1.32 -3.91	36.75 1.93 -2.18	49.16 1.43 0.00	60.52 1.82 0.00	59.50 2.29 0.00	46.81 1.49 0.00	40.96 1.42 0.00	37.60 1.45 0.00	34.33 1.23 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.70 1.52 -0.01	35.53 1.27 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.89 1.14 0.00	56.51 1.11 0.01	71.42 2.08 0.00	47.65 1.65 0.00	37.11 2.13 -0.01	33.08 2.05 -0.41	32.69 2.02 0.01	31.93 1.87 -2.52	30.77 1.72 -4.13	32.70 1.68 -6.36	37.72 1.77 -9.48	40.18 2.25 -5.28	49.63 1.91 0.01	60.33 1.64 0.01	58.92 1.71 0.01	46.89 1.59 0.01	41.55 2.02 0.00	38.14 1.99 0.00	34.93 1.82 0.00
ASTORIA_EAST_ENERGY_CC2 323582	38.70 1.52 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.16 1.24 -0.01	33.59 1.17 -0.01	37.89 1.14 0.00	56.45 1.05 0.01	71.36 2.01 0.00	47.61 1.61 0.00	37.11 2.13 -0.01	33.05 2.02 -0.41	32.69 2.02 0.01	31.93 1.87 -2.52	30.77 1.72 -4.13	32.68 1.65 -6.36	37.69 1.75 -9.48	40.15 2.22 -5.28	49.58 1.86 0.01	60.33 1.64 0.01	58.86 1.66 0.01	46.85 1.54 0.01	41.55 2.02 0.00	38.10 1.95 0.00	34.93 1.82 0.00
ASTORIA_GT2_1 24094	38.70 1.52 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.92 1.18 0.00	56.51 1.11 0.01	71.43 2.08 0.00	47.66 1.66 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.64 1.96 0.00	31.92 1.87 -2.52	30.77 1.72 -4.13	32.69 1.65 -6.37	37.72 1.77 -9.48	40.18 2.25 -5.28	49.64 1.91 0.00	60.34 1.64 0.00	58.92 1.72 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.14 1.99 0.00	34.93 1.82 0.00
ASTORIA_GT2_2 24095	38.70 1.52 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.92 1.18 0.00	56.51 1.11 0.01	71.43 2.08 0.00	47.66 1.66 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.64 1.96 0.00	31.92 1.87 -2.52	30.77 1.72 -4.13	32.69 1.65 -6.37	37.72 1.77 -9.48	40.18 2.25 -5.28	49.64 1.91 0.00	60.34 1.64 0.00	58.92 1.72 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.14 1.99 0.00	34.93 1.82 0.00
ASTORIA_GT2_3 24096	38.70 1.52 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.92 1.18 0.00	56.51 1.11 0.01	71.43 2.08 0.00	47.66 1.66 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.64 1.96 0.00	31.92 1.87 -2.52	30.77 1.72 -4.13	32.69 1.65 -6.37	37.72 1.77 -9.48	40.18 2.25 -5.28	49.64 1.91 0.00	60.34 1.64 0.00	58.92 1.72 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.14 1.99 0.00	34.93 1.82 0.00
ASTORIA_GT2_4 24097	38.70 1.52 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.92 1.18 0.00	56.51 1.11 0.01	71.43 2.08 0.00	47.66 1.66 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.64 1.96 0.00	31.92 1.87 -2.52	30.77 1.72 -4.13	32.69 1.65 -6.37	37.72 1.77 -9.48	40.18 2.25 -5.28	49.64 1.91 0.00	60.34 1.64 0.00	58.92 1.72 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.14 1.99 0.00	34.93 1.82 0.00
ASTORIA_GT3_1 24098	38.70 1.52 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.92 1.18 0.00	56.51 1.11 0.01	71.43 2.08 0.00	47.66 1.66 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.64 1.96 0.00	31.92 1.87 -2.52	30.77 1.72 -4.13	32.69 1.65 -6.37	37.72 1.77 -9.48	40.18 2.25 -5.28	49.64 1.91 0.00	60.34 1.64 0.00	58.92 1.72 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.14 1.99 0.00	34.93 1.82 0.00
ASTORIA_GT3_2 24099	38.70 1.52 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.92 1.18 0.00	56.51 1.11 0.01	71.43 2.08 0.00	47.66 1.66 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.64 1.96 0.00	31.92 1.87 -2.52	30.77 1.72 -4.13	32.69 1.65 -6.37	37.72 1.77 -9.48	40.18 2.25 -5.28	49.64 1.91 0.00	60.34 1.64 0.00	58.92 1.72 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.14 1.99 0.00	34.93 1.82 0.00
ASTORIA_GT3_3 24100	38.70 1.52 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.92 1.18 0.00	56.51 1.11 0.01	71.43 2.08 0.00	47.66 1.66 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.64 1.96 0.00	31.92 1.87 -2.52	30.77 1.72 -4.13	32.69 1.65 -6.37	37.72 1.77 -9.48	40.18 2.25 -5.28	49.64 1.91 0.00	60.34 1.64 0.00	58.92 1.72 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.14 1.99 0.00	34.93 1.82 0.00
ASTORIA_GT3_4 24101	38.70 1.52 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.92 1.18 0.00	56.51 1.11 0.01	71.43 2.08 0.00	47.66 1.66 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.64 1.96 0.00	31.92 1.87 -2.52	30.77 1.72 -4.13	32.69 1.65 -6.37	37.72 1.77 -9.48	40.18 2.25 -5.28	49.64 1.91 0.00	60.34 1.64 0.00	58.92 1.72 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.14 1.99 0.00	34.93 1.82 0.00
ASTORIA_GT4_1 24102	38.70 1.52 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.92 1.18 0.00	56.51 1.11 0.01	71.43 2.08 0.00	47.66 1.66 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.64 1.96 0.00	31.92 1.87 -2.52	30.77 1.72 -4.13	32.69 1.65 -6.37	37.72 1.77 -9.48	40.18 2.25 -5.28	49.64 1.91 0.00	60.34 1.64 0.00	58.92 1.72 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.14 1.99 0.00	34.93 1.82 0.00
ASTORIA_GT4_2 24103	38.70 1.52 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.92 1.18 0.00	56.51 1.11 0.01	71.43 2.08 0.00	47.66 1.66 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.64 1.96 0.00	31.92 1.87 -2.52	30.77 1.72 -4.13	32.69 1.65 -6.37	37.72 1.77 -9.48	40.18 2.25 -5.28	49.64 1.91 0.00	60.34 1.64 0.00	58.92 1.72 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.14 1.99 0.00	34.93 1.82 0.00
ASTORIA_GT4_3 24104	38.70 1.52 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.92 1.18 0.00	56.51 1.11 0.01	71.43 2.08 0.00	47.66 1.66 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.64 1.96 0.00	31.92 1.87 -2.52	30.77 1.72 -4.13	32.69 1.65 -6.37	37.72 1.77 -9.48	40.18 2.25 -5.28	49.64 1.91 0.00	60.34 1.64 0.00	58.92 1.72 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.14 1.99 0.00	34.93 1.82 0.00

ASTORIA_GT4_4 24105	38.70 1.52 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.92 1.18 0.00	56.51 1.11 0.01	71.43 2.08 0.00	47.66 1.66 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.64 1.96 0.00	31.92 1.87 -2.52	30.77 1.72 -4.13	32.69 1.65 -6.37	37.72 1.77 -9.48	40.18 2.25 -5.28	49.64 1.91 0.00	60.34 1.64 0.00	58.92 1.72 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.14 1.99 0.00	34.93 1.82 0.00
ASTORIA_GT_1 23523	38.77 1.60 -0.01	35.60 1.34 -0.01	33.92 1.30 -0.01	33.22 1.31 -0.01	33.66 1.23 -0.01	38.00 1.25 0.00	56.57 1.16 0.01	71.56 2.22 0.00	47.75 1.75 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.70 2.02 0.00	31.98 1.93 -2.52	30.82 1.77 -4.13	32.74 1.70 -6.37	37.78 1.83 -9.48	40.24 2.32 -5.28	49.74 2.00 0.00	60.46 1.76 0.00	59.03 1.83 0.01	46.99 1.68 0.00	41.63 2.10 0.00	38.21 2.06 0.00	35.00 1.89 0.00
ASTORIA_GT_10 24110	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.57 1.16 0.01	71.56 2.22 0.00	47.79 1.79 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.70 2.02 0.00	32.00 1.93 -2.54	30.84 1.77 -4.14	32.74 1.70 -6.37	37.78 1.83 -9.48	40.24 2.32 -5.28	49.78 2.05 0.00	60.52 1.82 0.00	59.03 1.83 0.01	47.04 1.72 0.00	41.67 2.13 0.00	38.21 2.06 0.00	34.90 1.79 0.00
ASTORIA_GT_11 24225	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.57 1.16 0.01	71.56 2.22 0.00	47.79 1.79 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.70 2.02 0.00	32.00 1.93 -2.54	30.84 1.77 -4.14	32.74 1.70 -6.37	37.78 1.83 -9.48	40.24 2.32 -5.28	49.78 2.05 0.00	60.52 1.82 0.00	59.03 1.83 0.01	47.04 1.72 0.00	41.67 2.13 0.00	38.21 2.06 0.00	34.90 1.79 0.00
ASTORIA_GT_12 24226	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.57 1.16 0.01	71.56 2.22 0.00	47.79 1.79 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.70 2.02 0.00	32.00 1.93 -2.54	30.84 1.77 -4.14	32.74 1.70 -6.37	37.78 1.83 -9.48	40.24 2.32 -5.28	49.78 2.05 0.00	60.52 1.82 0.00	59.03 1.83 0.01	47.04 1.72 0.00	41.67 2.13 0.00	38.21 2.06 0.00	34.90 1.79 0.00
ASTORIA_GT_13 24227	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.57 1.16 0.01	71.56 2.22 0.00	47.79 1.79 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.70 2.02 0.00	32.00 1.93 -2.54	30.84 1.77 -4.14	32.74 1.70 -6.37	37.78 1.83 -9.48	40.24 2.32 -5.28	49.78 2.05 0.00	60.52 1.82 0.00	59.03 1.83 0.01	47.04 1.72 0.00	41.67 2.13 0.00	38.21 2.06 0.00	34.90 1.79 0.00
ASTORIA_GT_5 24106	38.77 1.60 -0.01	35.60 1.34 -0.01	33.92 1.30 -0.01	33.22 1.31 -0.01	33.66 1.23 -0.01	38.00 1.25 0.00	56.57 1.16 0.01	71.56 2.22 0.00	47.75 1.75 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.70 2.02 0.00	31.98 1.93 -2.52	30.82 1.77 -4.13	32.74 1.70 -6.37	37.78 1.83 -9.48	40.24 2.32 -5.28	49.74 2.00 0.00	60.46 1.76 0.00	59.03 1.83 0.01	46.99 1.68 0.00	41.63 2.10 0.00	38.21 2.06 0.00	35.00 1.89 0.00
ASTORIA_GT_7 24107	38.77 1.60 -0.01	35.60 1.34 -0.01	33.92 1.30 -0.01	33.22 1.31 -0.01	33.66 1.23 -0.01	38.00 1.25 0.00	56.57 1.16 0.01	71.56 2.22 0.00	47.75 1.75 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.70 2.02 0.00	31.98 1.93 -2.52	30.82 1.77 -4.13	32.74 1.70 -6.37	37.78 1.83 -9.48	40.24 2.32 -5.28	49.74 2.00 0.00	60.46 1.76 0.00	59.03 1.83 0.01	46.99 1.68 0.00	41.63 2.10 0.00	38.21 2.06 0.00	35.00 1.89 0.00
ASTORIA_GT_8 24108	38.77 1.60 -0.01	35.60 1.34 -0.01	33.92 1.30 -0.01	33.22 1.31 -0.01	33.66 1.23 -0.01	38.00 1.25 0.00	56.57 1.16 0.01	71.56 2.22 0.00	47.75 1.75 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.70 2.02 0.00	31.98 1.93 -2.52	30.82 1.77 -4.13	32.74 1.70 -6.37	37.78 1.83 -9.48	40.24 2.32 -5.28	49.74 2.00 0.00	60.46 1.76 0.00	59.03 1.83 0.01	46.99 1.68 0.00	41.63 2.10 0.00	38.21 2.06 0.00	35.00 1.89 0.00
ASTORIA___2 24149	38.70 1.52 -0.01	35.53 1.27 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.89 1.14 0.00	56.51 1.11 0.01	71.42 2.08 0.00	47.65 1.65 0.00	37.11 2.13 -0.01	33.08 2.05 -0.41	32.69 2.02 0.01	31.93 1.87 -2.52	30.77 1.72 -4.13	32.70 1.68 -6.36	37.72 1.77 -9.48	40.18 2.25 -5.28	49.63 1.91 0.01	60.33 1.64 0.01	58.92 1.71 0.01	46.89 1.59 0.01	41.55 2.02 0.00	38.14 1.99 0.00	34.93 1.82 0.00
ASTORIA___3 23516	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	38.03 1.29 0.00	56.57 1.17 0.01	71.56 2.22 0.00	47.79 1.79 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.76 2.09 0.00	32.02 1.96 -2.54	30.84 1.77 -4.14	32.76 1.73 -6.37	37.78 1.82 -9.48	40.25 2.32 -5.28	49.78 2.05 0.00	60.52 1.82 0.00	59.03 1.83 0.01	47.04 1.72 0.00	41.63 2.09 0.00	38.21 2.06 0.00	34.90 1.79 0.00
ASTORIA___4 23517	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.57 1.16 0.01	71.56 2.22 0.00	47.79 1.79 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.70 2.02 0.00	32.00 1.93 -2.54	30.84 1.77 -4.14	32.74 1.70 -6.37	37.78 1.83 -9.48	40.24 2.32 -5.28	49.78 2.05 0.00	60.52 1.82 0.00	59.03 1.83 0.01	47.04 1.72 0.00	41.67 2.13 0.00	38.21 2.06 0.00	34.90 1.79 0.00
ASTORIA___5 23518	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	38.03 1.29 0.00	56.57 1.17 0.01	71.56 2.22 0.00	47.79 1.79 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.76 2.09 0.00	32.02 1.96 -2.54	30.84 1.77 -4.14	32.76 1.73 -6.37	37.78 1.82 -9.48	40.25 2.32 -5.28	49.78 2.05 0.00	60.52 1.82 0.00	59.03 1.83 0.01	47.04 1.72 0.00	41.63 2.09 0.00	38.21 2.06 0.00	34.90 1.79 0.00
AST_ENERGY_2_CC3 323677	26.03 1.15 12.29	26.03 0.93 9.15	26.03 0.91 7.49	26.03 0.93 6.80	26.03 0.84 7.23	26.03 0.77 11.49	33.53 0.55 22.44	52.19 1.39 18.55	28.72 1.19 18.47	26.03 1.78 10.72	27.84 1.71 4.49	27.84 1.72 4.55	27.84 1.60 1.29	27.84 1.47 -1.44	27.84 1.43 -1.75	27.84 1.51 0.14	27.84 1.93 6.73	30.60 1.43 18.56	41.97 1.06 17.78	41.53 1.08 16.76	29.28 1.13 17.17	28.09 1.62 13.07	27.84 1.63 9.94	27.84 1.49 6.76
AST_ENERGY_2_CC4 323678	26.03 1.15 12.29	26.03 0.93 9.15	26.03 0.91 7.49	26.03 0.93 6.80	26.03 0.84 7.23	26.03 0.77 11.49	33.53 0.55 22.44	52.19 1.39 18.55	28.72 1.19 18.47	26.03 1.78 10.72	27.84 1.71 4.49	27.84 1.72 4.55	27.84 1.60 1.29	27.84 1.47 -1.44	27.84 1.43 -1.75	27.84 1.51 0.14	27.84 1.93 6.73	30.60 1.43 18.56	41.97 1.06 17.78	41.53 1.08 16.76	29.28 1.13 17.17	28.09 1.62 13.07	27.84 1.63 9.94	27.84 1.49 6.76

ATHENS_STG_1 23668	37.80 0.63 0.00	34.80 0.55 0.00	33.16 0.55 0.00	32.48 0.57 0.00	32.94 0.52 0.00	37.44 0.70 0.00	56.29 0.88 0.00	70.66 1.31 0.00	47.01 1.01 0.00	36.05 1.09 0.00	31.85 1.04 -0.19	31.68 1.01 0.00	29.59 0.91 -1.15	27.62 0.82 -1.88	28.36 0.81 -2.89	31.67 0.90 -4.30	36.21 1.17 -2.39	48.78 1.05 0.00	59.70 1.00 0.00	58.35 1.14 0.00	46.31 1.00 0.00	40.60 1.07 0.00	37.20 1.05 0.00	34.00 0.89 0.00
ATHENS_STG_2 23670	37.80 0.63 0.00	34.80 0.55 0.00	33.16 0.55 0.00	32.48 0.57 0.00	32.94 0.52 0.00	37.44 0.70 0.00	56.29 0.88 0.00	70.66 1.31 0.00	47.01 1.01 0.00	36.05 1.09 0.00	31.85 1.04 -0.19	31.68 1.01 0.00	29.59 0.91 -1.15	27.62 0.82 -1.88	28.36 0.81 -2.89	31.67 0.90 -4.30	36.21 1.17 -2.39	48.78 1.05 0.00	59.70 1.00 0.00	58.35 1.14 0.00	46.31 1.00 0.00	40.60 1.07 0.00	37.20 1.05 0.00	34.00 0.89 0.00
ATHENS_STG_3 23677	37.80 0.63 0.00	34.80 0.55 0.00	33.16 0.55 0.00	32.48 0.57 0.00	32.94 0.52 0.00	37.44 0.70 0.00	56.29 0.88 0.00	70.66 1.31 0.00	47.01 1.01 0.00	36.05 1.09 0.00	31.85 1.04 -0.19	31.68 1.01 0.00	29.59 0.91 -1.15	27.62 0.82 -1.88	28.36 0.81 -2.89	31.67 0.90 -4.30	36.21 1.17 -2.39	48.78 1.05 0.00	59.70 1.00 0.00	58.35 1.14 0.00	46.31 1.00 0.00	40.60 1.07 0.00	37.20 1.05 0.00	34.00 0.89 0.00
AUBURN___LFGE 323710	37.13 -0.04 0.00	34.26 0.00 0.00	32.60 0.00 0.00	31.91 0.00 0.00	32.48 0.06 0.00	36.71 -0.04 0.00	55.41 0.00 0.00	69.28 -0.07 0.00	46.18 0.18 0.00	34.83 -0.14 0.00	30.44 -0.18 0.00	30.46 -0.21 0.00	27.42 -0.11 0.00	24.80 -0.12 0.00	24.52 -0.15 0.00	26.31 -0.16 0.00	32.35 -0.29 0.00	47.59 -0.14 0.00	58.88 0.18 0.00	57.27 0.06 0.00	45.27 -0.05 0.00	39.46 -0.08 0.00	35.93 -0.22 0.00	33.04 -0.07 0.00
BABYLON_RES_REC 323704	37.65 0.48 0.00	34.27 0.31 0.30	32.70 0.33 0.22	32.03 0.32 0.19	32.47 0.26 0.21	37.10 0.37 0.01	46.03 0.17 9.55	51.86 0.84 18.32	44.87 0.64 1.77	35.95 1.15 0.17	32.54 1.50 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.30 1.25 -4.13	32.30 1.28 -6.36	37.31 1.38 -9.46	39.67 1.76 -5.26	49.06 1.33 0.01	59.87 1.17 0.01	58.63 1.43 0.01	46.44 1.13 0.01	41.00 1.46 0.00	37.52 1.37 0.00	34.06 0.96 0.01
BALL_HILL_WT_PWR 323825	37.58 0.41 0.00	34.74 0.48 0.00	33.19 0.59 0.00	32.41 0.51 0.00	33.13 0.71 0.00	36.64 -0.11 0.00	53.86 -1.55 0.00	66.23 -3.12 0.00	45.49 -0.50 0.00	34.13 -0.84 0.00	30.24 -0.31 0.07	30.37 -0.31 0.00	27.25 0.17 0.45	24.44 0.25 0.74	23.43 -0.10 1.14	24.43 -0.34 1.69	30.46 -1.24 0.95	46.16 -1.57 0.00	57.65 -1.05 0.00	55.27 -1.95 0.00	43.19 -2.13 0.00	37.36 -2.17 0.00	34.49 -1.66 0.00	32.55 -0.56 0.00
BARON_WINDS___WT_PWR 323822	37.43 0.26 0.00	34.50 0.24 0.00	32.86 0.26 0.00	32.10 0.19 0.00	32.74 0.32 0.00	36.53 -0.22 0.00	54.35 -1.05 0.00	67.12 -2.22 0.00	45.45 -0.55 0.00	33.99 -0.98 0.00	29.92 -0.61 0.09	30.03 -0.65 0.00	26.73 -0.25 0.55	23.82 -0.20 0.90	22.85 -0.42 1.39	23.79 -0.61 2.07	30.30 -1.17 1.17	46.54 -1.19 0.00	58.23 -0.47 0.00	56.01 -1.20 0.00	43.96 -1.36 0.00	38.15 -1.38 0.00	34.81 -1.34 0.00	32.55 -0.56 0.00
BARRETT_IC_1 23704	37.76 0.59 0.00	34.63 0.38 0.01	33.02 0.42 0.01	32.31 0.41 0.01	32.77 0.36 0.01	37.22 0.48 0.01	55.25 0.28 0.44	69.21 0.69 0.83	46.51 0.60 0.09	36.11 1.15 0.01	32.48 1.44 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.27 1.22 -4.13	32.23 1.21 -6.36	37.17 1.24 -9.46	39.41 1.50 -5.26	48.82 1.10 0.01	59.63 0.94 0.01	58.35 1.14 0.01	46.26 0.95 0.01	40.76 1.23 0.00	37.38 1.23 0.00	34.00 0.89 0.01
BARRETT_IC_10 23701	37.76 0.59 0.00	34.63 0.38 0.01	33.02 0.42 0.01	32.31 0.41 0.01	32.77 0.36 0.01	37.22 0.48 0.01	55.25 0.28 0.44	69.21 0.69 0.83	46.51 0.60 0.09	36.11 1.15 0.01	32.48 1.44 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.27 1.22 -4.13	32.23 1.21 -6.36	37.17 1.24 -9.46	39.41 1.50 -5.26	48.82 1.10 0.01	59.63 0.94 0.01	58.35 1.14 0.01	46.26 0.95 0.01	40.76 1.23 0.00	37.38 1.23 0.00	34.00 0.89 0.01
BARRETT_IC_11 23702	37.76 0.59 0.00	34.63 0.38 0.01	33.02 0.42 0.01	32.31 0.41 0.01	32.77 0.36 0.01	37.22 0.48 0.01	55.25 0.28 0.44	69.21 0.69 0.83	46.51 0.60 0.09	36.11 1.15 0.01	32.48 1.44 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.27 1.22 -4.13	32.23 1.21 -6.36	37.17 1.24 -9.46	39.41 1.50 -5.26	48.82 1.10 0.01	59.63 0.94 0.01	58.35 1.14 0.01	46.26 0.95 0.01	40.76 1.23 0.00	37.38 1.23 0.00	34.00 0.89 0.01
BARRETT_IC_12 23703	37.76 0.59 0.00	34.63 0.38 0.01	33.02 0.42 0.01	32.31 0.41 0.01	32.77 0.36 0.01	37.22 0.48 0.01	55.25 0.28 0.44	69.21 0.69 0.83	46.51 0.60 0.09	36.11 1.15 0.01	32.48 1.44 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.27 1.22 -4.13	32.23 1.21 -6.36	37.17 1.24 -9.46	39.41 1.50 -5.26	48.82 1.10 0.01	59.63 0.94 0.01	58.35 1.14 0.01	46.26 0.95 0.01	40.76 1.23 0.00	37.38 1.23 0.00	34.00 0.89 0.01
BARRETT_IC_2 23705	37.76 0.59 0.00	34.63 0.38 0.01	33.02 0.42 0.01	32.31 0.41 0.01	32.77 0.36 0.01	37.22 0.48 0.01	55.25 0.28 0.44	69.21 0.69 0.83	46.51 0.60 0.09	36.11 1.15 0.01	32.48 1.44 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.27 1.22 -4.13	32.23 1.21 -6.36	37.17 1.24 -9.46	39.41 1.50 -5.26	48.82 1.10 0.01	59.63 0.94 0.01	58.35 1.14 0.01	46.26 0.95 0.01	40.76 1.23 0.00	37.38 1.23 0.00	34.00 0.89 0.01
BARRETT_IC_3 23706	37.76 0.59 0.00	34.63 0.38 0.01	33.02 0.42 0.01	32.31 0.41 0.01	32.77 0.36 0.01	37.22 0.48 0.01	55.25 0.28 0.44	69.21 0.69 0.83	46.51 0.60 0.09	36.11 1.15 0.01	32.48 1.44 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.27 1.22 -4.13	32.23 1.21 -6.36	37.17 1.24 -9.46	39.41 1.50 -5.26	48.82 1.10 0.01	59.63 0.94 0.01	58.35 1.14 0.01	46.26 0.95 0.01	40.76 1.23 0.00	37.38 1.23 0.00	34.00 0.89 0.01
BARRETT_IC_4 23707	37.76 0.59 0.00	34.63 0.38 0.01	33.02 0.42 0.01	32.31 0.41 0.01	32.77 0.36 0.01	37.22 0.48 0.01	55.25 0.28 0.44	69.21 0.69 0.83	46.51 0.60 0.09	36.11 1.15 0.01	32.48 1.44 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.27 1.22 -4.13	32.23 1.21 -6.36	37.17 1.24 -9.46	39.41 1.50 -5.26	48.82 1.10 0.01	59.63 0.94 0.01	58.35 1.14 0.01	46.26 0.95 0.01	40.76 1.23 0.00	37.38 1.23 0.00	34.00 0.89 0.01
BARRETT_IC_5 23708	37.76 0.59 0.00	34.63 0.38 0.01	33.02 0.42 0.01	32.31 0.41 0.01	32.77 0.36 0.01	37.22 0.48 0.01	55.25 0.28 0.44	69.21 0.69 0.83	46.51 0.60 0.09	36.11 1.15 0.01	32.48 1.44 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.27 1.22 -4.13	32.23 1.21 -6.36	37.17 1.24 -9.46	39.41 1.50 -5.26	48.82 1.10 0.01	59.63 0.94 0.01	58.35 1.14 0.01	46.26 0.95 0.01	40.76 1.23 0.00	37.38 1.23 0.00	34.00 0.89 0.01

BARRETT_IC_6 23709	37.76 0.59 0.00	34.63 0.38 0.01	33.02 0.42 0.01	32.31 0.41 0.01	32.77 0.36 0.01	37.22 0.48 0.01	55.25 0.28 0.44	69.21 0.69 0.83	46.51 0.60 0.09	36.11 1.15 0.01	32.48 1.44 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.27 1.22 -4.13	32.23 1.21 -6.36	37.17 1.24 -9.46	39.41 1.50 -5.26	48.82 1.10 0.01	59.63 0.94 0.01	58.35 1.14 0.01	46.26 0.95 0.01	40.76 1.23 0.00	37.38 1.23 0.00	34.00 0.89 0.01
BARRETT_IC_7 23710	37.76 0.59 0.00	34.63 0.38 0.01	32.99 0.39 0.01	32.31 0.41 0.01	32.77 0.36 0.01	37.25 0.51 0.01	55.30 0.33 0.44	69.21 0.69 0.83	46.51 0.60 0.09	36.11 1.15 0.01	32.51 1.47 -0.42	31.99 1.32 0.00	31.29 1.24 -2.52	30.25 1.20 -4.13	32.23 1.21 -6.36	37.17 1.24 -9.46	39.41 1.50 -5.26	48.82 1.10 0.01	59.63 0.94 0.01	58.35 1.14 0.01	46.30 1.00 0.01	40.84 1.30 0.00	37.31 1.16 0.00	34.00 0.89 0.01
BARRETT_IC_8 23711	37.76 0.59 0.00	34.63 0.38 0.01	33.02 0.42 0.01	32.31 0.41 0.01	32.77 0.36 0.01	37.22 0.48 0.01	55.25 0.28 0.44	69.21 0.69 0.83	46.51 0.60 0.09	36.11 1.15 0.01	32.48 1.44 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.27 1.22 -4.13	32.23 1.21 -6.36	37.17 1.24 -9.46	39.41 1.50 -5.26	48.82 1.10 0.01	59.63 0.94 0.01	58.35 1.14 0.01	46.26 0.95 0.01	40.76 1.23 0.00	37.38 1.23 0.00	34.00 0.89 0.01
BARRETT_IC_9 23700	37.76 0.59 0.00	34.63 0.38 0.01	33.02 0.42 0.01	32.31 0.41 0.01	32.77 0.36 0.01	37.22 0.48 0.01	55.25 0.28 0.44	69.21 0.69 0.83	46.51 0.60 0.09	36.11 1.15 0.01	32.48 1.44 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.27 1.22 -4.13	32.23 1.21 -6.36	37.17 1.24 -9.46	39.41 1.50 -5.26	48.82 1.10 0.01	59.63 0.94 0.01	58.35 1.14 0.01	46.26 0.95 0.01	40.76 1.23 0.00	37.38 1.23 0.00	34.00 0.89 0.01
BARRETT___1 23545	37.76 0.59 0.00	34.63 0.38 0.01	33.02 0.42 0.01	32.31 0.41 0.01	32.77 0.36 0.01	37.22 0.48 0.01	55.25 0.28 0.44	69.21 0.69 0.83	46.51 0.60 0.09	36.11 1.15 0.01	32.48 1.44 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.27 1.22 -4.13	32.23 1.21 -6.36	37.17 1.24 -9.46	39.41 1.50 -5.26	48.82 1.10 0.01	59.63 0.94 0.01	58.35 1.14 0.01	46.26 0.95 0.01	40.76 1.23 0.00	37.38 1.23 0.00	34.00 0.89 0.01
BARRETT___2 23546	37.76 0.59 0.00	34.63 0.38 0.01	33.02 0.42 0.01	32.31 0.41 0.01	32.77 0.36 0.01	37.22 0.48 0.01	55.25 0.28 0.44	69.21 0.69 0.83	46.51 0.60 0.09	36.11 1.15 0.01	32.48 1.44 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.27 1.22 -4.13	32.23 1.21 -6.36	37.17 1.24 -9.46	39.41 1.50 -5.26	48.82 1.10 0.01	59.63 0.94 0.01	58.35 1.14 0.01	46.26 0.95 0.01	40.76 1.23 0.00	37.38 1.23 0.00	34.00 0.89 0.01
BATAVIA__115KV_TB1 55881	38.21 1.04 0.00	35.32 1.06 0.00	33.65 1.04 0.00	33.05 1.15 0.00	33.88 1.46 0.00	37.26 0.51 0.00	54.86 -0.55 0.00	67.68 -1.66 0.00	46.37 0.37 0.00	34.69 -0.28 0.00	30.46 -0.09 0.07	30.55 -0.12 0.00	27.42 0.28 0.39	24.68 0.40 0.64	23.67 0.00 0.99	24.76 -0.24 1.47	31.00 -0.82 0.83	46.78 -0.95 0.00	58.23 -0.47 0.00	56.24 -0.97 0.00	44.09 -1.22 0.00	38.19 -1.34 0.00	35.21 -0.94 0.00	33.27 0.17 0.00
BAYONEEC___CTG1 323682	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.07 0.00	32.96 1.05 0.00	33.43 1.01 0.00	37.92 1.18 0.00	56.91 1.50 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.06 2.02 -0.42	32.67 1.99 0.00	31.88 1.82 -2.53	30.73 1.67 -4.14	32.64 1.60 -6.37	37.68 1.72 -9.49	40.11 2.19 -5.28	49.83 2.10 0.00	60.87 2.17 0.00	59.38 2.17 0.00	47.13 1.81 0.00	41.59 2.05 0.00	38.07 1.91 0.00	34.73 1.62 0.00
BAYONEEC___CTG10 323750	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.07 0.00	32.96 1.05 0.00	33.43 1.01 0.00	37.92 1.18 0.00	56.91 1.50 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.06 2.02 -0.42	32.67 1.99 0.00	31.88 1.82 -2.53	30.73 1.67 -4.14	32.64 1.60 -6.37	37.68 1.72 -9.49	40.11 2.19 -5.28	49.83 2.10 0.00	60.87 2.17 0.00	59.38 2.17 0.00	47.13 1.81 0.00	41.59 2.05 0.00	38.07 1.91 0.00	34.73 1.62 0.00
BAYONEEC___CTG2 323683	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.07 0.00	32.96 1.05 0.00	33.43 1.01 0.00	37.92 1.18 0.00	56.91 1.50 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.06 2.02 -0.42	32.67 1.99 0.00	31.88 1.82 -2.53	30.73 1.67 -4.14	32.64 1.60 -6.37	37.68 1.72 -9.49	40.11 2.19 -5.28	49.83 2.10 0.00	60.87 2.17 0.00	59.38 2.17 0.00	47.13 1.81 0.00	41.59 2.05 0.00	38.07 1.91 0.00	34.73 1.62 0.00
BAYONEEC___CTG3 323684	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.07 0.00	32.96 1.05 0.00	33.43 1.01 0.00	37.92 1.18 0.00	56.91 1.50 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.06 2.02 -0.42	32.67 1.99 0.00	31.88 1.82 -2.53	30.73 1.67 -4.14	32.64 1.60 -6.37	37.68 1.72 -9.49	40.11 2.19 -5.28	49.83 2.10 0.00	60.87 2.17 0.00	59.38 2.17 0.00	47.13 1.81 0.00	41.59 2.05 0.00	38.07 1.91 0.00	34.73 1.62 0.00
BAYONEEC___CTG4 323685	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.07 0.00	32.96 1.05 0.00	33.43 1.01 0.00	37.92 1.18 0.00	56.91 1.50 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.06 2.02 -0.42	32.67 1.99 0.00	31.88 1.82 -2.53	30.73 1.67 -4.14	32.64 1.60 -6.37	37.68 1.72 -9.49	40.11 2.19 -5.28	49.83 2.10 0.00	60.87 2.17 0.00	59.38 2.17 0.00	47.13 1.81 0.00	41.59 2.05 0.00	38.07 1.91 0.00	34.73 1.62 0.00
BAYONEEC___CTG5 323686	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.07 0.00	32.96 1.05 0.00	33.43 1.01 0.00	37.92 1.18 0.00	56.91 1.50 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.06 2.02 -0.42	32.67 1.99 0.00	31.88 1.82 -2.53	30.73 1.67 -4.14	32.64 1.60 -6.37	37.68 1.72 -9.49	40.11 2.19 -5.28	49.83 2.10 0.00	60.87 2.17 0.00	59.38 2.17 0.00	47.13 1.81 0.00	41.59 2.05 0.00	38.07 1.91 0.00	34.73 1.62 0.00
BAYONEEC___CTG6 323687	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.07 0.00	32.96 1.05 0.00	33.43 1.01 0.00	37.92 1.18 0.00	56.91 1.50 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.06 2.02 -0.42	32.67 1.99 0.00	31.88 1.82 -2.53	30.73 1.67 -4.14	32.64 1.60 -6.37	37.68 1.72 -9.49	40.11 2.19 -5.28	49.83 2.10 0.00	60.87 2.17 0.00	59.38 2.17 0.00	47.13 1.81 0.00	41.59 2.05 0.00	38.07 1.91 0.00	34.73 1.62 0.00
BAYONEEC___CTG7 323688	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.07 0.00	32.96 1.05 0.00	33.43 1.01 0.00	37.92 1.18 0.00	56.91 1.50 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.06 2.02 -0.42	32.67 1.99 0.00	31.88 1.82 -2.53	30.73 1.67 -4.14	32.64 1.60 -6.37	37.68 1.72 -9.49	40.11 2.19 -5.28	49.83 2.10 0.00	60.87 2.17 0.00	59.38 2.17 0.00	47.13 1.81 0.00	41.59 2.05 0.00	38.07 1.91 0.00	34.73 1.62 0.00

BAYONEEC___CTG8 323689	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.07 0.00	32.96 1.05 0.00	33.43 1.01 0.00	37.92 1.18 0.00	56.91 1.50 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.06 2.02 -0.42	32.67 1.99 0.00	31.88 1.82 -2.53	30.73 1.67 -4.14	32.64 1.60 -6.37	37.68 1.72 -9.49	40.11 2.19 -5.28	49.83 2.10 0.00	60.87 2.17 0.00	59.38 2.17 0.00	47.13 1.81 0.00	41.59 2.05 0.00	38.07 1.91 0.00	34.73 1.62 0.00
BAYONEEC___CTG9 323749	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.07 0.00	32.96 1.05 0.00	33.43 1.01 0.00	37.92 1.18 0.00	56.91 1.50 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.06 2.02 -0.42	32.67 1.99 0.00	31.88 1.82 -2.53	30.73 1.67 -4.14	32.64 1.60 -6.37	37.68 1.72 -9.49	40.11 2.19 -5.28	49.83 2.10 0.00	60.87 2.17 0.00	59.38 2.17 0.00	47.13 1.81 0.00	41.59 2.05 0.00	38.07 1.91 0.00	34.73 1.62 0.00
BEACON___LESR 323632	37.54 0.37 0.00	34.70 0.44 0.00	33.06 0.46 0.00	32.41 0.51 0.00	32.91 0.49 0.00	37.44 0.70 0.00	56.41 1.00 0.00	70.66 1.31 0.00	46.78 0.78 0.00	35.56 0.59 0.00	31.13 0.40 -0.12	31.01 0.34 0.00	28.48 0.25 -0.70	26.32 0.25 -1.15	26.70 0.27 -1.77	29.47 0.37 -2.63	34.76 0.65 -1.46	48.54 0.81 0.00	59.58 0.88 0.00	58.35 1.14 0.00	46.27 0.95 0.00	40.45 0.91 0.00	37.16 1.01 0.00	33.94 0.83 0.00
BEAVER RIVER___HYD 24048	38.13 0.96 0.00	35.01 0.75 0.00	33.19 0.59 0.00	32.48 0.57 0.00	33.07 0.65 0.00	37.37 0.62 0.00	57.13 1.72 0.00	71.63 2.29 0.00	46.55 0.55 0.00	34.86 -0.10 0.00	30.34 -0.28 0.00	30.31 -0.37 0.00	27.20 -0.33 0.00	24.63 -0.30 0.00	24.32 -0.35 0.00	26.12 -0.34 0.00	32.26 -0.39 0.00	47.88 0.14 0.00	59.70 1.00 0.00	58.07 0.86 0.00	45.90 0.59 0.00	39.85 0.31 0.00	36.26 0.11 0.00	33.18 0.07 0.00
BEEBEE_GT_13 23619	37.50 0.33 0.00	34.77 0.51 0.00	33.09 0.49 0.00	32.32 0.41 0.00	33.07 0.65 0.00	36.97 0.22 0.00	54.97 -0.44 0.00	68.10 -1.25 0.00	46.23 0.23 0.00	34.76 -0.21 0.00	30.50 -0.12 0.00	30.61 -0.06 0.00	27.70 0.17 0.00	25.12 0.20 0.00	24.61 -0.05 0.00	26.28 -0.19 0.00	31.42 -0.52 0.71	47.11 -0.62 0.00	58.35 -0.35 0.00	56.64 -0.57 0.00	44.64 -0.68 0.00	38.75 -0.79 0.00	35.50 -0.65 0.00	32.94 -0.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.88 1.71 -0.01	35.67 1.40 -0.01	33.98 1.37 -0.01	33.29 1.37 -0.01	33.76 1.33 -0.01	38.18 1.43 0.00	56.57 1.16 0.01	71.50 2.15 0.00	47.75 1.75 0.00	37.25 2.27 -0.01	33.25 2.20 -0.42	32.79 2.12 0.00	32.08 2.01 -2.54	30.91 1.84 -4.14	32.83 1.80 -6.37	37.91 1.96 -9.48	40.38 2.45 -5.28	49.93 2.20 0.00	60.75 2.05 0.00	59.26 2.06 0.01	47.13 1.81 0.00	41.79 2.25 0.00	38.39 2.24 0.00	35.10 1.99 0.00
BETHLEHEM___GRP 23843	37.05 -0.11 0.00	34.22 -0.03 0.00	32.64 0.03 0.00	31.97 0.06 0.00	32.45 0.03 0.00	36.89 0.15 0.00	55.46 0.06 0.00	69.62 0.28 0.00	46.14 0.14 0.00	35.18 0.21 0.00	30.89 0.15 -0.11	30.77 0.09 0.00	28.28 0.06 -0.69	26.13 0.07 -1.13	26.50 0.10 -1.74	29.22 0.16 -2.59	34.38 0.29 -1.44	47.87 0.14 0.00	58.70 0.00 0.00	57.38 0.17 0.00	45.54 0.23 0.00	39.85 0.32 0.00	36.66 0.51 0.00	33.47 0.36 0.00
BETHLEHEM___GS1 323560	37.02 -0.15 0.00	34.22 -0.03 0.00	32.64 0.03 0.00	31.97 0.06 0.00	32.45 0.03 0.00	36.89 0.15 0.00	55.46 0.06 0.00	69.62 0.28 0.00	46.14 0.14 0.00	35.18 0.21 -0.11	30.86 0.12 0.00	30.77 0.09 0.00	28.28 0.06 -0.69	26.13 0.08 -1.13	26.48 0.07 -1.74	29.22 0.16 -2.59	34.38 0.29 -1.44	47.88 0.14 0.00	58.70 0.00 0.00	57.38 0.17 0.00	45.54 0.23 0.00	39.85 0.31 0.00	36.66 0.51 0.00	33.47 0.36 0.00
BETHLEHEM___GS2 323561	37.02 -0.15 0.00	34.22 -0.03 0.00	32.64 0.03 0.00	31.97 0.06 0.00	32.45 0.03 0.00	36.89 0.15 0.00	55.46 0.06 0.00	69.62 0.28 0.00	46.14 0.14 0.00	35.18 0.21 -0.11	30.86 0.12 0.00	30.77 0.09 0.00	28.28 0.06 -0.69	26.13 0.08 -1.13	26.48 0.07 -1.74	29.22 0.16 -2.59	34.38 0.29 -1.44	47.88 0.14 0.00	58.70 0.00 0.00	57.38 0.17 0.00	45.54 0.23 0.00	39.85 0.31 0.00	36.66 0.51 0.00	33.47 0.36 0.00
BETHLEHEM___GS3 323562	37.02 -0.15 0.00	34.22 -0.03 0.00	32.64 0.03 0.00	31.97 0.06 0.00	32.45 0.03 0.00	36.89 0.15 0.00	55.46 0.06 0.00	69.62 0.28 0.00	46.14 0.14 0.00	35.18 0.21 0.00	30.86 0.12 -0.11	30.77 0.09 0.00	28.28 0.06 -0.69	26.13 0.08 -1.13	26.48 0.07 -1.74	29.22 0.16 -2.59	34.38 0.29 -1.44	47.88 0.14 0.00	58.70 0.00 0.00	57.38 0.17 0.00	45.54 0.23 0.00	39.85 0.31 0.00	36.66 0.51 0.00	33.47 0.36 0.00
BETHLEHEM___STEEL 23779	37.58 0.41 0.00	34.81 0.55 0.00	33.22 0.62 0.00	32.54 0.64 0.00	33.26 0.84 0.00	36.64 -0.11 0.00	53.80 -1.61 0.00	66.16 -3.19 0.00	45.54 -0.46 0.00	34.16 -0.80 0.00	30.15 -0.40 0.07	30.21 -0.46 0.00	27.17 0.08 0.45	24.39 0.20 0.73	23.29 -0.25 1.13	24.34 -0.45 1.68	30.43 -1.27 0.94	46.01 -1.72 0.00	57.35 -1.35 0.00	55.04 -2.17 0.00	43.05 -2.27 0.00	37.32 -2.21 0.00	34.52 -1.63 0.00	32.65 -0.46 0.00
BETHLHEM_115KV_TB1 79974	37.17 0.00 0.00	34.33 0.07 0.00	32.70 0.10 0.00	32.03 0.13 0.00	32.52 0.10 0.00	36.97 0.22 0.00	55.63 0.22 0.00	69.76 0.42 0.00	46.23 0.23 0.00	35.25 0.28 0.00	30.98 0.24 -0.11	30.83 0.15 0.00	28.36 0.14 -0.69	26.20 0.15 -1.12	26.54 0.15 -1.73	29.28 0.24 -2.57	34.47 0.39 -1.43	48.02 0.29 0.00	58.82 0.12 0.00	57.55 0.34 0.00	45.68 0.36 0.00	39.97 0.43 0.00	36.73 0.58 0.00	33.54 0.43 0.00
BETHPAGE_CC_5 323564	37.50 0.33 0.00	34.31 0.21 0.15	32.72 0.23 0.12	32.03 0.22 0.10	32.47 0.16 0.11	36.96 0.22 0.01	46.69 0.00 8.72	53.16 -0.55 16.74	44.89 0.51 1.62	35.89 1.01 0.09	32.51 1.47 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.27 1.22 -4.13	32.25 1.23 -6.36	37.17 1.24 -9.46	39.51 1.60 -5.26	48.82 1.10 0.01	59.57 0.88 0.01	58.35 1.14 0.01	46.21 0.91 0.01	40.80 1.26 0.00	37.34 1.19 0.00	33.96 0.86 0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.58 0.41 0.00	34.81 0.55 0.00	33.22 0.62 0.00	32.51 0.61 0.00	33.23 0.81 0.00	36.64 -0.11 0.00	53.86 -1.55 0.00	66.29 -3.05 0.00	45.59 -0.41 0.00	34.20 -0.77 0.00	30.18 -0.37 0.08	30.24 -0.43 0.00	27.19 0.11 0.45	24.41 0.22 0.74	23.28 -0.25 1.14	24.35 -0.42 1.69	30.42 -1.27 0.95	46.06 -1.67 0.00	57.47 -1.23 0.00	55.09 -2.12 0.00	43.09 -2.22 0.00	37.32 -2.21 0.00	34.49 -1.66 0.00	32.61 -0.50 0.00
BINGHAMTON___COGEN 23790	37.35 0.19 0.00	34.43 0.17 0.00	32.83 0.23 0.00	32.13 0.22 0.00	32.68 0.26 0.00	36.86 0.11 0.00	55.46 0.06 0.00	69.14 -0.21 0.00	46.23 0.23 0.00	34.93 -0.03 0.00	30.52 0.03 0.13	30.67 0.00 0.00	26.90 0.14 0.77	23.79 0.12 1.26	22.75 0.02 1.93	23.62 0.03 2.88	30.87 -0.16 1.62	47.64 -0.10 0.00	59.05 0.35 0.00	57.32 0.11 0.00	45.31 0.00 0.00	39.50 -0.04 0.00	36.08 -0.07 0.00	33.27 0.17 0.00

BIXINCNT_115KV_LOAD 355685	37.39 0.22 0.00	34.53 0.27 0.00	32.90 0.29 0.00	32.19 0.29 0.00	32.81 0.39 0.00	36.34 -0.40 0.00	53.64 -1.77 0.00	66.23 -3.12 0.00	45.31 -0.69 0.00	34.02 -0.94 0.00	30.11 -0.43 0.08	30.21 -0.46 0.00	27.15 0.08 0.47	24.33 0.17 0.77	23.18 -0.30 1.19	24.23 -0.48 1.76	30.28 -1.37 0.99	46.11 -1.62 0.00	57.53 -1.17 0.00	54.92 -2.29 0.00	42.78 -2.54 0.00	36.81 -2.73 0.00	33.91 -2.24 0.00	32.02 -1.09 0.00
BLACK RIVER___HYD 24047	38.32 1.15 0.00	35.15 0.89 0.00	33.29 0.69 0.00	32.61 0.70 0.00	33.20 0.78 0.00	37.67 0.92 0.00	57.84 2.44 0.00	72.61 3.26 0.00	46.97 0.97 0.00	35.00 0.04 0.00	30.44 -0.18 0.00	30.31 -0.37 0.00	27.23 -0.30 0.00	24.63 -0.30 0.00	24.34 -0.32 0.00	26.15 -0.32 0.00	32.35 -0.29 0.00	48.21 0.48 0.00	60.58 1.88 0.00	58.93 1.71 0.00	46.54 1.22 0.00	40.37 0.83 0.00	36.62 0.47 0.00	33.54 0.43 0.00
BLACKRVR_115KV_TB2 79977	38.32 1.15 0.00	35.15 0.89 0.00	33.29 0.68 0.00	32.61 0.70 0.00	33.20 0.78 0.00	37.66 0.92 0.00	57.85 2.44 0.00	72.60 3.26 0.00	46.97 0.97 0.00	35.00 0.03 0.00	30.38 -0.24 0.00	30.31 -0.37 0.00	27.20 -0.33 0.00	24.58 -0.35 0.00	24.32 -0.35 0.00	26.15 -0.32 0.00	32.35 -0.29 0.00	48.21 0.48 0.00	60.58 1.88 0.00	58.93 1.72 0.00	46.54 1.22 0.00	40.37 0.83 0.00	36.62 0.47 0.00	33.54 0.43 0.00
BLDWN_LI_69_KV_BK4 356085	37.87 0.71 0.00	34.73 0.48 0.01	33.09 0.49 0.01	32.41 0.51 0.01	32.87 0.45 0.01	37.33 0.59 0.01	50.71 0.61 5.31	60.41 1.25 10.18	45.98 0.97 0.98	36.26 1.29 0.01	32.66 1.62 -0.42	32.15 1.47 0.00	31.46 1.40 -2.52	30.40 1.35 -4.13	32.38 1.36 -6.36	37.39 1.46 -9.46	39.74 1.83 -5.26	49.25 1.53 0.01	60.16 1.47 0.01	58.86 1.66 0.01	46.71 1.40 0.01	41.20 1.66 0.00	37.60 1.45 0.00	34.20 1.09 0.01
BLISS_WT_PWR 323608	37.39 0.22 0.00	34.47 0.21 0.00	32.83 0.23 0.00	32.07 0.16 0.00	32.71 0.29 0.00	36.31 -0.44 0.00	53.47 -1.94 0.00	66.02 -3.33 0.00	45.17 -0.83 0.00	33.92 -1.05 0.00	30.18 -0.37 0.08	30.34 -0.34 0.00	27.17 0.11 0.47	24.33 0.18 0.77	23.31 -0.17 1.19	24.25 -0.45 1.76	30.25 -1.40 0.99	46.06 -1.67 0.00	57.41 -1.29 0.00	54.81 -2.40 0.00	42.60 -2.72 0.00	36.65 -2.88 0.00	33.69 -2.46 0.00	31.85 -1.26 0.00
BLUESTONE___WT_PWR 323821	40.36 3.20 0.00	36.83 2.57 0.00	34.79 2.18 0.00	34.04 2.14 0.00	34.65 2.24 0.00	39.39 2.65 0.00	60.45 5.04 0.00	75.94 6.59 0.00	48.99 2.99 0.00	36.16 1.19 0.00	31.18 0.70 0.15	30.98 0.31 0.00	26.97 0.33 0.90	23.68 0.22 1.47	22.60 0.20 2.26	23.44 0.34 3.37	31.25 0.36 1.75	49.21 1.48 0.00	61.58 2.88 0.00	59.84 2.63 0.00	47.17 1.86 0.00	40.56 1.03 0.00	36.87 0.72 0.00	33.90 0.79 0.00
BLUE_CIRC_CHEM_DRP 24182	37.69 0.52 0.00	34.81 0.55 0.00	33.19 0.59 0.00	32.51 0.61 0.00	33.00 0.58 0.00	37.48 0.73 0.00	56.41 1.00 0.00	70.59 1.25 0.00	46.64 0.64 0.00	35.42 0.45 0.00	31.17 0.43 -0.12	30.86 0.18 0.00	28.41 0.17 -0.71	26.27 0.17 -1.17	26.66 0.20 -1.80	29.46 0.32 -2.68	34.69 0.55 -1.49	48.50 0.76 0.00	59.52 0.82 0.00	58.24 1.03 0.00	46.22 0.91 0.00	40.45 0.91 0.00	37.09 0.94 0.00	33.94 0.83 0.00
BOC_GAS_DRP 24189	37.43 0.26 0.00	34.53 0.27 0.00	32.90 0.29 0.00	32.22 0.32 0.00	32.71 0.29 0.00	37.15 0.40 0.00	55.91 0.50 0.00	70.11 0.76 0.00	46.51 0.51 0.00	35.49 0.52 0.00	31.22 0.49 -0.11	31.10 0.43 0.00	28.58 0.39 -0.66	26.37 0.37 -1.08	26.69 0.37 -1.66	29.36 0.42 -2.47	34.61 0.59 -1.37	48.35 0.62 0.00	59.23 0.53 0.00	57.84 0.63 0.00	45.95 0.63 0.00	40.21 0.67 0.00	36.87 0.72 0.00	33.70 0.60 0.00
BOONVILLE_115KV_TB1 79983	38.02 0.85 0.00	34.94 0.69 0.00	33.19 0.59 0.00	32.51 0.61 0.00	33.07 0.65 0.00	37.44 0.70 0.00	56.91 1.50 0.00	71.36 2.01 0.00	46.74 0.74 0.00	35.18 0.21 0.00	30.65 0.03 0.00	30.61 -0.06 0.00	27.48 -0.06 0.00	24.85 -0.07 0.00	24.61 -0.05 0.00	26.44 -0.03 0.00	32.68 0.03 0.00	48.21 0.48 0.00	59.87 1.17 0.00	58.30 1.09 0.00	46.04 0.73 0.00	40.05 0.51 0.00	36.48 0.33 0.00	33.41 0.30 0.00
BORALEX_4TH_BRANCH 23824	38.36 1.19 0.00	35.32 1.06 0.00	33.68 1.08 0.00	32.99 1.08 0.00	33.49 1.07 0.00	38.25 1.51 0.00	57.74 2.33 0.00	72.12 2.77 0.00	47.84 1.84 0.00	36.47 1.50 0.00	32.07 1.32 -0.13	32.02 1.35 0.00	29.36 1.05 -0.78	27.21 1.00 -1.28	27.63 0.99 -1.98	30.52 1.11 -2.94	35.79 1.50 -1.64	49.78 2.05 0.00	61.11 2.41 0.00	59.73 2.52 0.00	47.35 2.04 0.00	41.39 1.86 0.00	38.10 1.95 0.00	34.70 1.59 0.00
BOWLINE___1 23526	38.17 1.00 0.00	35.05 0.79 0.00	33.45 0.85 0.00	32.77 0.86 0.00	33.20 0.78 0.00	37.70 0.95 0.00	56.80 1.39 0.00	71.42 2.08 0.00	47.51 1.52 0.00	36.47 1.50 0.00	32.68 1.53 -0.53	32.21 1.53 0.00	32.12 1.40 -3.18	31.40 1.27 -5.21	33.92 1.23 -8.02	39.76 1.35 -11.94	40.95 1.66 -6.64	49.50 1.77 0.00	60.63 1.93 0.00	59.33 2.12 0.00	46.99 1.68 0.00	41.36 1.82 0.00	37.81 1.66 0.00	34.50 1.39 0.00
BOWLINE___2 23595	38.17 1.00 0.00	35.05 0.79 0.00	33.45 0.85 0.00	32.73 0.83 0.00	33.20 0.78 0.00	37.70 0.95 0.00	56.74 1.33 0.00	71.42 2.08 0.00	47.51 1.52 0.00	36.47 1.50 0.00	32.68 1.53 -0.53	32.18 1.50 0.00	32.11 1.40 -3.18	31.39 1.27 -5.20	33.90 1.23 -8.00	39.73 1.35 -11.91	40.93 1.66 -6.62	49.50 1.77 0.00	60.63 1.93 0.00	59.33 2.12 0.00	46.99 1.68 0.00	41.32 1.78 0.00	37.81 1.66 0.00	34.50 1.39 0.00
BRADY___115KV_TB2 356060	38.36 1.19 0.00	35.32 1.06 0.00	33.52 0.91 0.00	32.74 0.83 0.00	33.29 0.88 0.00	37.85 1.10 0.00	57.46 2.05 0.00	71.77 2.43 0.00	46.92 0.92 0.00	35.53 0.56 0.00	31.08 0.46 0.00	31.23 0.55 0.00	27.97 0.44 0.00	25.25 0.32 0.00	24.96 0.30 0.00	26.79 0.32 0.00	33.10 0.46 0.00	48.88 1.15 0.00	60.46 1.76 0.00	58.87 1.66 0.00	46.49 1.18 0.00	40.41 0.87 0.00	36.87 0.72 0.00	33.67 0.56 0.00
BRANSCOMB___SOLAR 323811	38.10 0.93 0.00	35.25 0.99 0.00	33.58 0.98 0.00	32.93 1.02 0.00	33.46 1.04 0.00	38.03 1.29 0.00	57.40 1.99 0.00	71.77 2.43 0.00	47.24 1.24 0.00	35.70 0.74 0.00	31.03 0.31 -0.10	30.89 0.22 0.00	28.22 0.06 -0.63	26.05 0.10 -1.03	26.37 0.12 -1.58	29.12 0.29 -2.36	34.58 0.62 -1.31	48.97 1.24 0.00	60.34 1.64 0.00	59.27 2.06 0.00	46.99 1.68 0.00	41.00 1.46 0.00	37.56 1.41 0.00	34.37 1.26 0.00
BRDGHMPT_69_KV_BK1 55812	37.27 0.15 0.04	27.90 0.00 6.36	27.89 0.07 4.78	27.94 0.10 4.07	27.94 0.03 4.51	36.88 0.18 0.05	44.40 0.17 11.17	48.88 0.97 21.44	44.61 0.69 2.07	32.40 1.05 3.61	32.54 1.50 -0.42	32.02 1.35 0.00	31.35 1.29 -2.52	30.32 1.27 -4.13	32.28 1.26 -6.36	37.41 1.48 -9.46	39.77 1.86 -5.26	49.39 1.67 0.01	60.10 1.41 0.01	58.98 1.77 0.01	46.80 1.50 0.01	41.39 1.86 0.00	37.60 1.45 0.00	34.06 0.96 0.01



BRENTWOD_69_KV_W. BRTWOOD 56703	37.79 0.63 0.00	34.02 0.41 0.65	32.57 0.46 0.49	31.94 0.45 0.42	32.35 0.39 0.46	37.29 0.55 0.01	44.53 -0.11 10.77	49.16 0.49 20.67	44.37 0.37 2.00	35.86 1.26 0.37	32.60 1.56 -0.42	32.05 1.38 0.00	31.35 1.29 -2.52	30.35 1.30 -4.13	32.33 1.31 -6.36	37.39 1.46 -9.46	39.77 1.86 -5.26	49.11 1.38 0.01	59.87 1.17 0.01	58.69 1.49 0.01	46.49 1.18 0.01	41.20 1.66 0.00	37.60 1.45 0.00	34.13 1.03 0.01
BRISTLHL_115KV_TB1 79998	36.46 -0.71 0.00	33.61 -0.65 0.00	31.98 -0.62 0.00	31.33 -0.57 0.00	31.87 -0.55 0.00	36.05 -0.70 0.00	54.41 -1.00 0.00	68.10 -1.25 0.00	45.31 -0.69 0.00	34.30 -0.66 0.00	30.01 -0.61 0.00	30.03 -0.64 0.00	26.98 -0.55 0.00	24.43 -0.50 0.00	24.20 -0.47 0.00	25.94 -0.53 0.00	31.93 -0.72 0.00	46.78 -0.95 0.00	57.70 -1.00 0.00	56.18 -1.03 0.00	44.50 -0.82 0.00	38.82 -0.71 0.00	35.43 -0.72 0.00	32.51 -0.60 0.00
BROOKHAVEN___DRP 24191	36.98 -0.15 0.04	27.59 -0.31 6.36	27.56 -0.26 4.78	27.61 -0.22 4.07	27.58 -0.32 4.51	36.48 -0.22 0.05	43.67 -0.55 11.18	47.82 -0.07 21.46	43.92 0.00 2.08	31.94 0.59 3.62	32.05 1.01 -0.42	31.56 0.89 0.00	30.94 0.88 -2.52	29.95 0.90 -4.13	31.91 0.89 -6.36	36.96 1.03 -9.46	39.25 1.34 -5.26	48.49 0.76 0.01	58.99 0.29 0.01	57.83 0.63 0.01	45.90 0.59 0.01	40.64 1.11 0.00	37.02 0.87 0.00	33.56 0.46 0.01
BROOKLYN_NAVY_YARD 23515	38.50 1.34 0.00	35.32 1.06 0.00	33.65 1.04 0.00	32.93 1.02 0.00	33.39 0.97 0.00	37.92 1.18 0.00	56.91 1.50 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.03 2.06 0.00	33.03 1.99 -0.42	32.64 1.96 0.00	31.88 1.82 -2.53	30.71 1.64 -4.14	32.64 1.60 -6.37	37.68 1.72 -9.49	40.11 2.19 -5.28	49.83 2.10 0.00	60.87 2.17 0.00	59.38 2.17 0.00	47.13 1.81 0.00	41.59 2.05 0.00	38.07 1.91 0.00	34.70 1.59 0.00
BROOKLYN___ARMY_DRP 323595	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
BROOME_2_LFGE 323671	37.39 0.22 0.00	34.43 0.17 0.00	32.83 0.23 0.00	32.13 0.22 0.00	32.68 0.26 0.00	36.86 0.11 0.00	55.46 0.06 0.00	69.14 -0.21 0.00	46.23 0.23 0.00	34.93 -0.03 0.00	30.55 0.06 0.13	30.73 0.06 0.00	26.93 0.17 0.77	23.82 0.15 1.26	22.80 0.07 1.93	23.64 0.05 2.88	30.87 -0.16 1.62	47.64 -0.10 0.00	59.05 0.35 0.00	57.33 0.11 0.00	45.31 0.00 0.00	39.50 -0.04 0.00	36.08 -0.07 0.00	33.28 0.17 0.00
BROOME___LFGE 323600	37.39 0.22 0.00	34.43 0.17 0.00	32.83 0.23 0.00	32.13 0.22 0.00	32.68 0.26 0.00	36.86 0.11 0.00	55.46 0.06 0.00	69.14 -0.21 0.00	46.23 0.23 0.00	34.93 -0.03 0.00	30.55 0.06 0.13	30.73 0.06 0.00	26.93 0.17 0.77	23.82 0.15 1.26	22.80 0.07 1.93	23.64 0.05 2.88	30.87 -0.16 1.62	47.64 -0.10 0.00	59.05 0.35 0.00	57.33 0.11 0.00	45.31 0.00 0.00	39.50 -0.04 0.00	36.08 -0.07 0.00	33.28 0.17 0.00
BROWNFLS_115KV_TB 3_5 80003	38.17 1.00 0.00	35.11 0.86 0.00	33.29 0.68 0.00	32.54 0.64 0.00	33.13 0.71 0.00	37.52 0.77 0.00	57.24 1.83 0.00	71.70 2.36 0.00	46.69 0.69 0.00	35.14 0.17 0.00	30.59 -0.03 0.00	30.64 -0.03 0.00	27.48 -0.06 0.00	24.83 -0.10 0.00	24.52 -0.15 0.00	26.31 -0.16 0.00	32.45 -0.20 0.00	48.07 0.33 0.00	59.70 1.00 0.00	58.07 0.86 0.00	45.90 0.59 0.00	39.97 0.43 0.00	36.44 0.29 0.00	33.31 0.20 0.00
BROWNSV1_27_KV_LOAD 356125	38.80 1.64 0.00	35.59 1.34 0.00	33.91 1.30 0.00	33.18 1.28 0.00	33.65 1.23 0.00	38.22 1.47 0.00	57.35 1.94 0.00	72.47 3.12 0.00	48.30 2.30 0.00	37.28 2.31 0.00	33.28 2.24 -0.42	32.82 2.15 0.00	32.10 2.04 -2.53	30.91 1.84 -4.14	32.84 1.80 -6.37	37.89 1.93 -9.49	40.37 2.45 -5.28	50.26 2.53 0.00	61.40 2.70 0.00	59.90 2.69 0.00	47.58 2.27 0.00	41.91 2.37 0.00	38.32 2.17 0.00	34.96 1.85 0.00
BURROWS___LYONSDAL 23803	38.06 0.89 0.00	34.98 0.72 0.00	33.19 0.59 0.00	32.51 0.61 0.00	33.07 0.65 0.00	37.41 0.66 0.00	56.96 1.55 0.00	71.36 2.01 0.00	46.64 0.64 0.00	35.07 0.10 0.00	30.53 -0.09 0.00	30.49 -0.18 0.00	27.40 -0.14 0.00	24.78 -0.15 0.00	24.52 -0.15 0.00	26.34 -0.13 0.00	32.55 -0.10 0.00	48.11 0.38 0.00	59.76 1.06 0.00	58.13 0.92 0.00	45.95 0.63 0.00	39.93 0.40 0.00	36.37 0.22 0.00	33.31 0.20 0.00
CAITHNESS_CC_1 323624	37.01 -0.11 0.04	27.58 -0.31 6.37	27.59 -0.23 4.79	27.61 -0.22 4.07	27.61 -0.29 4.52	36.48 -0.22 0.05	43.61 -0.61 11.19	47.80 -0.07 21.47	43.92 0.00 2.08	31.94 0.59 3.62	32.08 1.04 -0.42	31.63 0.95 0.00	30.96 0.91 -2.52	29.97 0.92 -4.13	31.93 0.91 -6.36	36.96 1.03 -9.46	39.25 1.34 -5.26	48.49 0.76 0.01	58.99 0.29 0.01	57.83 0.63 0.01	45.85 0.55 0.01	40.53 0.99 0.00	37.09 0.94 0.00	33.56 0.46 0.01
CALPINE BETH_PAGE_GT4 24209	37.46 0.30 0.00	34.42 0.17 0.01	32.79 0.20 0.01	32.12 0.22 0.01	32.54 0.13 0.01	36.96 0.22 0.01	47.64 0.06 7.83	54.95 0.62 15.02	45.10 0.55 1.45	35.94 0.98 0.01	32.51 1.47 -0.42	32.02 1.35 0.00	31.32 1.27 -2.52	30.30 1.25 -4.13	32.25 1.23 -6.36	37.17 1.24 -9.46	39.47 1.57 -5.26	48.82 1.10 0.01	59.57 0.88 0.01	58.29 1.09 0.01	46.26 0.95 0.01	40.84 1.30 0.00	37.27 1.12 0.00	33.93 0.83 0.01
CALPINE_BETH_PAGE_GT_4 323586	37.46 0.30 0.00	34.42 0.17 0.01	32.79 0.20 0.01	32.12 0.22 0.01	32.54 0.13 0.01	36.92 0.18 0.01	47.58 0.00 7.83	54.87 -0.55 15.02	45.06 0.51 1.45	35.94 0.98 0.01	32.51 1.47 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.30 1.25 -4.13	32.28 1.26 -6.36	37.15 1.22 -9.46	39.47 1.57 -5.26	48.82 1.10 0.01	59.58 0.88 0.01	58.29 1.08 0.01	46.21 0.91 0.01	40.76 1.23 0.00	37.34 1.19 0.00	33.93 0.83 0.01
CALPINE_BP_GT1 23823	37.46 0.30 0.00	34.42 0.17 0.01	32.79 0.20 0.01	32.12 0.22 0.01	32.54 0.13 0.01	36.92 0.18 0.01	47.58 0.00 7.83	54.87 -0.55 15.02	45.06 0.51 1.45	35.94 0.98 0.01	32.51 1.47 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.30 1.25 -4.13	32.28 1.26 -6.36	37.15 1.22 -9.46	39.47 1.57 -5.26	48.82 1.10 0.01	59.58 0.88 0.01	58.29 1.08 0.01	46.21 0.91 0.01	40.76 1.23 0.00	37.34 1.19 0.00	33.93 0.83 0.01
CALSPAN___DRP 24200	37.58 0.41 0.00	34.81 0.55 0.00	33.22 0.62 0.00	32.54 0.64 0.00	33.26 0.84 0.00	36.64 -0.11 0.00	53.80 -1.61 0.00	66.16 -3.19 0.00	45.54 -0.46 0.00	34.16 -0.80 0.00	30.15 -0.40 0.07	30.21 -0.46 0.00	27.17 0.08 0.45	24.39 0.20 0.73	23.29 -0.25 1.13	24.34 -0.45 1.68	30.43 -1.27 0.94	46.01 -1.72 0.00	57.35 -1.35 0.00	55.04 -2.17 0.00	43.05 -2.27 0.00	37.32 -2.21 0.00	34.52 -1.63 0.00	32.65 -0.46 0.00

CALVERTON___SOLAR 323806	37.01 -0.11 0.04	27.59 -0.31 6.36	27.59 -0.23 4.78	27.61 -0.22 4.07	27.61 -0.29 4.51	36.48 -0.22 0.05	43.68 -0.55 11.18	47.89 0.00 21.45	43.92 0.00 2.08	31.94 0.59 3.62	32.08 1.04 -0.42	31.63 0.95 0.00	30.94 0.88 -2.52	29.95 0.90 -4.13	31.93 0.91 -6.36	36.96 1.03 -9.46	39.28 1.37 -5.26	48.58 0.86 0.01	59.11 0.41 0.01	57.94 0.74 0.01	45.94 0.63 0.01	40.60 1.07 0.00	37.13 0.98 0.00	33.60 0.50 0.01
CANDIGU_WT_PWR 323617	37.43 0.26 0.00	34.50 0.24 0.00	32.86 0.26 0.00	32.10 0.19 0.00	32.74 0.32 0.00	36.53 -0.22 0.00	54.35 -1.05 0.00	67.12 -2.22 0.00	45.45 -0.55 0.00	33.99 -0.98 0.00	29.92 -0.61 0.09	30.03 -0.65 0.00	26.73 -0.25 0.55	23.82 -0.20 0.90	22.85 -0.42 1.39	23.79 -0.61 2.07	30.30 -1.17 1.17	46.54 -1.19 0.00	58.23 -0.47 0.00	56.01 -1.20 0.00	43.96 -1.36 0.00	38.15 -1.38 0.00	34.81 -1.34 0.00	32.55 -0.56 0.00
CARR STREET_E_SYR 24060	36.68 -0.48 0.00	33.81 -0.45 0.00	32.18 -0.42 0.00	31.52 -0.38 0.00	32.06 -0.36 0.00	36.16 -0.59 0.00	54.58 -0.83 0.00	68.31 -1.04 0.00	45.45 -0.55 0.00	34.51 -0.46 0.00	30.22 -0.40 0.00	30.24 -0.43 0.00	27.17 -0.36 0.00	24.60 -0.32 0.00	24.37 -0.29 0.00	26.12 -0.34 0.00	32.09 -0.56 0.00	46.92 -0.81 0.00	57.88 -0.82 0.00	56.35 -0.86 0.00	44.59 -0.73 0.00	38.98 -0.55 0.00	35.61 -0.54 0.00	32.71 -0.40 0.00
CARTHAGE___PAPER 23857	38.24 1.08 0.00	35.08 0.82 0.00	33.26 0.65 0.00	32.54 0.64 0.00	33.13 0.71 0.00	37.55 0.81 0.00	57.51 2.11 0.00	72.19 2.84 0.00	46.78 0.78 0.00	34.97 0.00 0.00	30.41 -0.21 0.00	30.31 -0.37 0.00	27.23 -0.30 0.00	24.63 -0.30 0.00	24.34 -0.32 0.00	26.15 -0.32 0.00	32.32 -0.33 0.00	48.07 0.34 0.00	60.17 1.47 0.00	58.58 1.37 0.00	46.22 0.91 0.00	40.13 0.59 0.00	36.48 0.32 0.00	33.34 0.23 0.00
CASSADAGA_WT_PWR 323784	37.61 0.45 0.00	34.67 0.41 0.00	33.09 0.49 0.00	32.29 0.38 0.00	32.94 0.52 0.00	36.49 -0.26 0.00	53.86 -1.55 0.00	66.44 -2.91 0.00	45.58 -0.41 0.00	34.20 -0.77 0.00	30.30 -0.25 0.08	30.46 -0.21 0.00	27.40 0.33 0.46	24.62 0.45 0.76	23.57 0.07 1.17	24.60 -0.13 1.74	30.72 -0.95 0.98	46.78 -0.95 0.00	58.41 -0.29 0.00	55.72 -1.49 0.00	43.19 -2.13 0.00	37.08 -2.45 0.00	34.02 -2.13 0.00	31.95 -1.16 0.00
CE_DUNWOOD___DRP 24194	38.36 1.19 0.00	35.22 0.96 0.00	33.58 0.98 0.00	32.89 0.99 0.00	33.33 0.91 0.00	37.89 1.14 0.00	56.91 1.50 0.00	71.70 2.36 0.00	47.75 1.75 0.00	36.75 1.78 0.00	32.83 1.78 -0.43	32.39 1.72 0.00	31.72 1.60 -2.59	30.63 1.47 -4.24	32.62 1.43 -6.53	37.72 1.54 -9.72	39.97 1.93 -5.40	49.69 1.96 0.00	60.81 2.11 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.51 1.98 0.00	37.96 1.81 0.00	34.63 1.52 0.00
CE_MILLWOOD___DRP 24193	38.28 1.11 0.00	35.15 0.89 0.00	33.52 0.91 0.00	32.83 0.93 0.00	33.26 0.84 0.00	37.81 1.07 0.00	56.85 1.44 0.00	71.56 2.22 0.00	47.66 1.66 0.00	36.65 1.68 0.00	32.72 1.65 -0.44	32.27 1.60 0.00	31.70 1.49 -2.68	30.68 1.37 -4.38	32.72 1.31 -6.75	37.94 1.43 -10.04	40.03 1.80 -5.58	49.59 1.86 0.00	60.70 2.00 0.00	59.38 2.17 0.00	47.08 1.77 0.00	41.43 1.90 0.00	37.89 1.74 0.00	34.57 1.46 0.00
CE_NYC2_DRP 24202	38.74 1.56 -0.01	35.53 1.27 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.68 1.27 0.01	71.63 2.29 0.00	47.84 1.84 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.70 2.02 0.00	32.00 1.93 -2.54	30.84 1.77 -4.14	32.74 1.70 -6.37	37.80 1.85 -9.48	40.24 2.32 -5.28	49.83 2.10 0.00	60.64 1.94 0.00	59.15 1.95 0.01	47.08 1.77 0.00	41.67 2.13 0.00	38.21 2.06 0.00	34.90 1.79 0.00
CE_NYC_DRP 24195	38.62 1.45 0.00	35.39 1.13 0.00	33.71 1.11 0.00	33.02 1.12 0.00	33.46 1.04 0.00	38.00 1.25 0.00	57.02 1.61 0.00	72.05 2.70 0.00	48.02 2.02 0.00	37.07 2.10 0.00	33.12 2.08 -0.42	32.64 1.96 0.00	31.91 1.84 -2.53	30.76 1.69 -4.14	32.69 1.65 -6.38	37.73 1.77 -9.49	40.14 2.22 -5.28	49.97 2.24 0.00	60.99 2.29 0.00	59.50 2.29 0.00	47.26 1.95 0.00	41.67 2.13 0.00	38.10 1.95 0.00	34.76 1.66 0.00
CHAFFEE___LFGE 323603	37.65 0.48 0.00	34.84 0.58 0.00	33.29 0.69 0.00	32.48 0.57 0.00	33.26 0.84 0.00	36.75 0.00 0.00	53.97 -1.44 0.00	66.44 -2.91 0.00	45.72 -0.27 0.00	34.27 -0.70 0.00	30.30 -0.25 0.08	30.40 -0.28 0.00	27.27 0.19 0.46	24.45 0.27 0.75	23.41 -0.10 1.16	24.38 -0.37 1.72	30.44 -1.24 0.97	46.11 -1.62 0.00	57.53 -1.17 0.00	55.21 -2.00 0.00	43.14 -2.17 0.00	37.40 -2.14 0.00	34.56 -1.59 0.00	32.65 -0.46 0.00
CHATEAUG_35_KV_LOAD 355732	37.87 0.71 0.00	34.98 0.72 0.00	33.22 0.62 0.00	32.42 0.51 0.00	32.94 0.52 0.00	37.41 0.66 0.00	56.57 1.16 0.00	70.66 1.32 0.00	46.55 0.55 0.00	35.42 0.45 0.00	31.02 0.40 0.00	31.19 0.52 0.00	27.95 0.41 0.00	25.25 0.32 0.00	24.93 0.27 0.00	26.79 0.32 0.00	33.10 0.46 0.00	48.69 0.95 0.00	59.93 1.23 0.00	58.24 1.03 0.00	45.95 0.63 0.00	39.77 0.24 0.00	36.22 0.07 0.00	33.04 -0.07 0.00
CHATEAUG_WT_PWR 323614	37.84 0.67 0.00	34.91 0.65 0.00	33.16 0.55 0.00	32.38 0.48 0.00	32.91 0.49 0.00	37.33 0.59 0.00	56.46 1.05 0.00	70.52 1.18 0.00	46.55 0.55 0.00	35.42 0.45 0.00	31.02 0.40 0.00	31.16 0.49 0.00	27.95 0.41 0.00	25.25 0.32 0.00	24.94 0.27 0.00	26.76 0.29 0.00	33.07 0.42 0.00	48.59 0.86 0.00	59.81 1.11 0.00	58.12 0.91 0.00	45.90 0.59 0.00	39.73 0.20 0.00	36.19 0.04 0.00	33.01 -0.10 0.00
CHAT_HIGH_FALL_HYD 323578	37.87 0.71 0.00	34.98 0.72 0.00	33.22 0.62 0.00	32.42 0.51 0.00	32.94 0.52 0.00	37.41 0.66 0.00	56.57 1.16 0.00	70.66 1.32 0.00	46.55 0.55 0.00	35.42 0.45 0.00	31.02 0.40 0.00	31.19 0.52 0.00	27.95 0.41 0.00	25.25 0.32 0.00	24.93 0.27 0.00	26.79 0.32 0.00	33.10 0.46 0.00	48.69 0.95 0.00	59.93 1.23 0.00	58.24 1.03 0.00	45.95 0.63 0.00	39.77 0.24 0.00	36.22 0.07 0.00	33.04 -0.07 0.00
CHAUTAUQUA___LFGE 323629	37.69 0.52 0.00	34.80 0.55 0.00	33.26 0.65 0.00	32.48 0.57 0.00	33.17 0.75 0.00	36.75 0.00 0.00	54.08 -1.33 0.00	66.57 -2.78 0.00	45.72 -0.27 0.00	34.27 -0.70 0.00	30.39 -0.15 0.08	30.52 -0.15 0.00	27.43 0.36 0.46	24.63 0.45 0.75	23.59 0.07 1.15	24.60 -0.16 1.71	30.67 -1.01 0.96	46.59 -1.15 0.00	58.17 -0.53 0.00	55.67 -1.54 0.00	43.37 -1.95 0.00	37.44 -2.10 0.00	34.45 -1.70 0.00	32.48 -0.63 0.00
CHERRYST_13_KV_LD 356241	38.69 1.52 0.00	35.49 1.23 0.00	33.81 1.21 0.00	33.09 1.18 0.00	33.55 1.13 0.00	38.11 1.36 0.00	57.18 1.77 0.00	72.26 2.91 0.00	48.16 2.16 0.00	37.17 2.20 0.00	33.22 2.17 -0.42	32.73 2.06 0.00	32.02 1.95 -2.53	30.83 1.77 -4.14	32.77 1.73 -6.38	37.81 1.85 -9.49	40.27 2.35 -5.28	50.12 2.39 0.00	61.17 2.47 0.00	59.67 2.46 0.00	47.35 2.04 0.00	41.75 2.21 0.00	38.17 2.02 0.00	34.83 1.72 0.00

CHESTROR_138KV_BK263 355645	38.02 0.85 0.00	34.91 0.65 0.00	33.32 0.72 0.00	32.67 0.77 0.00	33.10 0.68 0.00	37.59 0.85 0.00	56.63 1.22 0.00	71.15 1.80 0.00	47.29 1.29 0.00	36.19 1.22 0.00	33.43 1.26 -1.56	31.84 1.17 0.00	38.03 1.13 -9.37	41.31 1.05 -15.34	49.27 0.99 -23.62	62.74 1.11 -35.16	53.63 1.40 -19.58	49.26 1.53 0.00	60.46 1.76 0.00	59.21 2.00 0.00	46.90 1.59 0.00	41.16 1.62 0.00	37.63 1.48 0.00	34.33 1.23 0.00
CH_MIDHUDSON___DRP 24192	38.32 1.15 0.00	35.22 0.96 0.00	33.55 0.95 0.00	32.89 0.99 0.00	33.33 0.91 0.00	37.92 1.18 0.00	57.07 1.66 0.00	71.63 2.29 0.00	47.66 1.66 0.00	36.51 1.54 0.00	32.47 1.50 -0.35	32.08 1.41 0.00	30.95 1.29 -2.12	29.59 1.20 -3.47	31.19 1.18 -5.35	35.72 1.30 -7.96	38.77 1.70 -4.43	49.59 1.86 0.00	60.70 2.00 0.00	59.38 2.17 0.00	47.08 1.77 0.00	41.35 1.82 0.00	37.85 1.70 0.00	34.53 1.42 0.00
CH_MISC_IPPS 23765	38.47 1.30 0.00	35.35 1.10 0.00	33.71 1.11 0.00	33.05 1.15 0.00	33.49 1.07 0.00	38.07 1.32 0.00	57.40 1.99 0.00	71.98 2.63 0.00	47.84 1.84 0.00	36.58 1.61 0.00	32.58 1.56 -0.40	32.18 1.50 0.00	31.29 1.35 -2.40	30.11 1.25 -3.94	31.96 1.23 -6.06	36.84 1.35 -9.02	39.43 1.76 -5.02	49.78 2.05 0.00	61.05 2.35 0.00	59.79 2.58 0.00	47.26 1.95 0.00	41.51 1.98 0.00	37.99 1.84 0.00	34.63 1.52 0.00
CH_RES_BVR_FALLS 23983	37.28 0.11 0.00	34.29 0.03 0.00	32.54 -0.07 0.00	31.78 -0.13 0.00	32.19 -0.23 0.00	36.45 -0.30 0.00	54.91 -0.50 0.00	68.58 -0.76 0.00	45.45 -0.55 0.00	34.65 -0.32 0.00	30.37 -0.25 0.00	30.46 -0.21 0.00	27.34 -0.19 0.00	24.75 -0.17 0.00	24.49 -0.17 0.00	26.26 -0.21 0.00	32.42 -0.23 0.00	47.45 -0.28 0.00	58.17 -0.53 0.00	56.41 -0.80 0.00	44.50 -0.81 0.00	38.67 -0.87 0.00	35.28 -0.87 0.00	32.28 -0.83 0.00
CH_RES_NIAGARA 23895	36.76 -0.41 0.00	34.77 0.51 0.00	33.19 0.59 0.00	31.94 0.03 0.00	32.71 0.29 0.00	36.16 -0.59 0.00	52.25 -3.16 0.00	63.94 -5.41 0.00	44.25 -1.75 0.00	33.32 -1.64 0.00	29.42 -1.13 0.07	29.51 -1.17 0.00	26.51 -0.61 0.42	23.84 -0.40 0.69	22.77 -0.81 1.08	23.80 -1.09 1.58	29.63 -2.12 0.89	44.49 -3.25 0.00	55.30 -3.40 0.00	53.21 -4.00 0.00	41.74 -3.58 0.00	36.29 -3.24 0.00	33.78 -2.35 0.02	31.98 -1.13 0.00
CH_RES_SYRACUSE 23985	36.87 -0.30 0.00	34.02 -0.24 0.00	32.34 -0.26 0.00	31.68 -0.22 0.00	32.23 -0.19 0.00	36.41 -0.33 0.00	55.02 -0.39 0.00	68.86 -0.48 0.00	45.82 -0.18 0.00	34.69 -0.28 0.00	30.34 -0.28 0.00	30.37 -0.31 0.00	27.31 -0.22 0.00	24.68 -0.25 0.00	24.47 -0.20 0.00	26.23 -0.24 0.00	32.26 -0.39 0.00	47.25 -0.48 0.00	58.35 -0.35 0.00	56.81 -0.40 0.00	44.95 -0.36 0.00	39.22 -0.32 0.00	35.79 -0.36 0.00	32.84 -0.27 0.00
CLINTON_WT_PWR 323605	37.84 0.67 0.00	34.91 0.65 0.00	33.16 0.55 0.00	32.38 0.48 0.00	32.91 0.49 0.00	37.33 0.59 0.00	56.46 1.05 0.00	70.52 1.18 0.00	46.55 0.55 0.00	35.42 0.45 0.00	31.02 0.40 0.00	31.16 0.49 0.00	27.95 0.41 0.00	25.25 0.32 0.00	24.94 0.27 0.00	26.76 0.29 0.00	33.07 0.42 0.00	48.59 0.86 0.00	59.81 1.11 0.00	58.12 0.91 0.00	45.90 0.59 0.00	39.73 0.20 0.00	36.19 0.04 0.00	33.01 -0.10 0.00
CLINTON___LFGE 323618	38.50 1.34 0.00	35.56 1.30 0.00	33.78 1.17 0.00	32.96 1.05 0.00	33.49 1.07 0.00	38.03 1.29 0.00	57.63 2.22 0.00	71.91 2.57 0.00	47.33 1.33 0.00	35.98 1.01 0.00	31.54 0.92 0.00	31.72 1.04 0.00	28.44 0.91 0.00	25.65 0.72 0.00	25.33 0.67 0.00	27.21 0.74 0.00	33.66 1.01 0.00	49.64 1.91 0.00	61.11 2.41 0.00	59.33 2.12 0.00	46.76 1.45 0.00	40.29 0.75 0.00	36.66 0.51 0.00	33.34 0.23 0.00
COBBLENY_34_KV_TB1 80064	37.58 0.41 0.00	34.84 0.58 0.00	33.26 0.65 0.00	32.54 0.64 0.00	33.26 0.84 0.00	36.71 -0.04 0.00	53.97 -1.44 0.00	66.43 -2.91 0.00	45.72 -0.28 0.00	34.27 -0.70 0.00	30.21 -0.34 0.08	30.27 -0.40 0.00	27.18 0.11 0.46	24.40 0.22 0.75	23.28 -0.22 1.16	24.32 -0.42 1.72	30.44 -1.24 0.97	46.11 -1.62 0.00	57.53 -1.17 0.00	55.21 -2.00 0.00	43.14 -2.18 0.00	37.36 -2.17 0.00	34.56 -1.59 0.00	32.65 -0.46 0.00
COFFEEN___115KV_TB3 355620	38.50 1.34 0.00	35.29 1.03 0.00	33.42 0.82 0.00	32.74 0.83 0.00	33.36 0.94 0.00	37.85 1.10 0.00	58.18 2.77 0.00	73.02 3.68 0.00	47.15 1.15 0.00	35.11 0.14 0.00	30.44 -0.18 0.00	30.37 -0.31 0.00	27.26 -0.28 0.00	24.60 -0.32 0.00	24.37 -0.30 0.00	26.18 -0.29 0.00	32.42 -0.23 0.00	48.40 0.67 0.00	60.93 2.23 0.00	59.33 2.12 0.00	46.81 1.50 0.00	40.56 1.03 0.00	36.80 0.65 0.00	33.70 0.60 0.00
COLDSPRG_115KV_BK1 355956	37.76 0.59 0.00	34.91 0.65 0.00	33.39 0.78 0.00	32.64 0.73 0.00	33.29 0.88 0.00	36.97 0.22 0.00	54.86 -0.55 0.00	67.75 -1.59 0.00	46.37 0.37 0.00	34.69 -0.28 0.00	30.57 0.03 0.08	30.64 -0.03 0.00	27.58 0.52 0.47	24.75 0.60 0.78	23.57 0.10 1.20	24.69 0.00 1.78	30.86 47.11 1.00	47.11 -0.62 0.00	58.93 0.23 0.00	56.30 -0.92 0.00	43.77 -1.54 0.00	37.72 -1.82 0.00	34.63 -1.52 0.00	32.58 -0.53 0.00
COLONIE_LFGE___ 323577	37.95 0.78 0.00	35.01 0.75 0.00	33.35 0.75 0.00	32.70 0.80 0.00	33.20 0.78 0.00	37.77 1.03 0.00	56.96 1.55 0.00	71.28 1.94 0.00	47.19 1.19 0.00	35.88 0.91 0.00	31.41 0.67 -0.11	31.35 0.67 0.00	28.71 0.50 -0.68	26.52 0.47 -1.12	26.88 0.49 -1.72	29.64 0.61 -2.56	34.99 0.91 -1.43	49.02 1.29 0.00	60.22 1.52 0.00	58.93 1.71 0.00	46.72 1.41 0.00	40.84 1.30 0.00	37.49 1.34 0.00	34.24 1.13 0.00
COOPERNY_115KV_TB1 80082	37.84 0.67 0.00	34.74 0.48 0.00	33.16 0.55 0.00	32.48 0.57 0.00	32.94 0.52 0.00	37.37 0.62 0.00	56.35 0.94 0.00	70.73 1.39 0.00	47.06 1.06 0.00	35.95 0.98 0.00	30.82 1.01 0.81	31.62 0.95 0.00	23.58 0.91 4.86	17.81 0.85 7.96	13.19 0.79 12.26	9.11 0.90 18.25	23.61 1.11 10.15	48.92 1.19 0.00	60.11 1.41 0.00	58.81 1.60 0.00	46.63 1.31 0.00	40.88 1.34 0.00	37.34 1.19 0.00	34.14 1.03 0.00
COPENHAGEN_WT_PWR 323753	38.13 0.96 0.00	34.98 0.72 0.00	33.16 0.55 0.00	32.48 0.57 0.00	33.07 0.65 0.00	37.48 0.73 0.00	57.51 2.11 0.00	72.12 2.78 0.00	46.78 0.78 0.00	34.93 -0.03 0.00	30.37 -0.25 0.00	30.27 -0.40 0.00	27.20 -0.33 0.00	24.60 -0.32 0.00	24.32 -0.35 0.00	26.12 -0.34 0.00	32.29 -0.36 0.00	48.07 0.34 0.00	60.22 1.52 0.00	58.64 1.43 0.00	46.31 1.00 0.00	40.21 0.67 0.00	36.51 0.36 0.00	33.44 0.33 0.00
CORNELL_____ 23752	37.80 0.63 0.00	34.81 0.55 0.00	33.13 0.52 0.00	32.42 0.51 0.00	33.00 0.58 0.00	37.26 0.51 0.00	56.41 1.00 0.00	70.46 1.11 0.00	46.78 0.78 0.00	35.18 0.21 0.00	30.62 0.09 0.09	30.67 0.00 0.00	27.07 0.08 0.55	24.08 0.05 0.90	23.30 0.02 1.39	24.46 0.05 2.06	31.54 0.03 1.14	48.11 0.38 0.00	59.82 1.12 0.00	58.13 0.92 0.00	45.95 0.63 0.00	39.97 0.43 0.00	36.40 0.25 0.00	33.51 0.40 0.00

CORONA_69_KV_TB1 355595	38.02 0.85 0.00	34.87 0.62 0.01	33.25 0.65 0.01	32.54 0.64 0.01	33.00 0.58 0.01	37.51 0.77 0.01	55.22 0.89 1.08	68.88 1.59 2.06	46.99 1.20 0.20	36.40 1.43 0.01	32.75 1.71 -0.42	32.24 1.56 0.00	31.54 1.49 -2.52	30.47 1.42 -4.13	32.43 1.41 -6.36	37.47 1.54 -9.46	39.80 1.89 -5.26	49.40 1.67 0.01	60.40 1.70 0.01	59.09 1.89 0.01	46.85 1.54 0.01	41.32 1.78 0.00	37.70 1.55 0.00	34.33 1.23 0.01
CORTLAND_115KV_TB3 80093	37.43 0.26 0.00	34.46 0.21 0.00	32.80 0.20 0.00	32.13 0.22 0.00	32.68 0.26 0.00	36.93 0.18 0.00	55.80 0.39 0.00	69.76 0.42 0.00	46.37 0.37 0.00	35.00 0.03 0.00	30.55 0.00 0.07	30.61 -0.06 0.00	27.12 0.03 0.44	24.21 0.00 0.72	23.53 -0.02 1.11	24.80 -0.03 1.65	31.63 -0.10 0.91	47.83 0.10 0.00	59.23 0.53 0.00	57.61 0.40 0.00	45.59 0.27 0.00	39.69 0.16 0.00	36.22 0.07 0.00	33.27 0.17 0.00
COXSACKIE___GT 23611	38.61 1.45 0.00	35.73 1.47 0.00	34.07 1.47 0.00	33.47 1.56 0.00	33.94 1.52 0.00	38.58 1.84 0.00	58.51 3.10 0.00	72.67 3.33 0.00	47.65 1.65 0.00	35.70 0.74 0.00	31.37 0.61 -0.14	31.01 0.34 0.00	28.69 0.30 -0.85	26.64 0.32 -1.39	27.20 0.39 -2.14	30.26 0.61 -3.19	35.56 1.14 -1.77	49.59 1.86 0.00	61.16 2.46 0.00	60.13 2.92 0.00	47.40 2.09 0.00	41.20 1.66 0.00	37.85 1.70 0.00	34.53 1.42 0.00
CPV_VALLEY___CC1 323721	37.76 0.59 0.00	34.67 0.41 0.00	33.12 0.52 0.00	32.45 0.54 0.00	32.91 0.49 0.00	37.33 0.59 0.00	56.24 0.83 0.00	70.66 1.31 0.00	47.01 1.01 0.00	36.02 1.05 0.00	30.86 1.10 0.86	31.75 1.07 0.00	23.33 0.99 5.20	17.34 0.92 8.50	12.43 0.86 13.10	7.92 0.95 19.50	23.02 1.21 10.83	48.93 1.19 0.00	60.05 1.35 0.00	58.87 1.66 0.00	46.63 1.31 0.00	40.96 1.42 0.00	37.45 1.30 0.00	34.20 1.09 0.00
CPV_VALLEY___CC2 323722	37.76 0.59 0.00	34.67 0.41 0.00	33.12 0.52 0.00	32.45 0.54 0.00	32.91 0.49 0.00	37.33 0.59 0.00	56.24 0.83 0.00	70.66 1.31 0.00	47.01 1.01 0.00	36.02 1.05 0.00	30.86 1.10 0.86	31.75 1.07 0.00	23.33 0.99 5.20	17.34 0.92 8.50	12.43 0.86 13.10	7.92 0.95 19.50	23.02 1.21 10.83	48.93 1.19 0.00	60.05 1.35 0.00	58.87 1.66 0.00	46.63 1.31 0.00	40.96 1.42 0.00	37.45 1.30 0.00	34.20 1.09 0.00
CRESCENT___HYD 24018	37.95 0.78 0.00	35.01 0.75 0.00	33.35 0.75 0.00	32.70 0.80 0.00	33.20 0.78 0.00	37.77 1.03 0.00	56.96 1.55 0.00	71.28 1.94 0.00	47.19 1.19 0.00	35.88 0.91 0.00	31.41 0.67 -0.11	31.35 0.67 0.00	28.71 0.50 -0.68	26.52 0.47 -1.12	26.88 0.49 -1.72	29.64 0.61 -2.56	34.99 0.91 -1.43	49.02 1.29 0.00	60.22 1.52 0.00	58.93 1.71 0.00	46.72 1.41 0.00	40.84 1.30 0.00	37.49 1.34 0.00	34.24 1.13 0.00
CRICKET___VALLEY_CC1 323756	37.95 0.78 0.00	34.88 0.62 0.00	33.26 0.65 0.00	32.58 0.67 0.00	33.03 0.61 0.00	37.59 0.85 0.00	56.57 1.17 0.00	71.08 1.73 0.00	47.24 1.24 0.00	36.23 1.26 0.00	32.14 1.23 -0.30	31.93 1.26 0.00	30.38 1.07 -1.78	28.83 1.00 -2.91	30.11 0.96 -4.48	34.20 1.06 -6.67	37.76 1.40 -3.71	49.16 1.43 0.00	60.17 1.47 0.00	58.87 1.66 0.00	46.67 1.36 0.00	41.04 1.50 0.00	37.67 1.52 0.00	34.33 1.23 0.00
CRICKET___VALLEY_CC2 323757	37.95 0.78 0.00	34.88 0.62 0.00	33.26 0.65 0.00	32.58 0.67 0.00	33.03 0.61 0.00	37.59 0.85 0.00	56.57 1.17 0.00	71.08 1.73 0.00	47.24 1.24 0.00	36.23 1.26 0.00	32.14 1.23 -0.30	31.93 1.26 0.00	30.38 1.07 -1.78	28.83 1.00 -2.91	30.11 0.96 -4.48	34.20 1.06 -6.67	37.76 1.40 -3.71	49.16 1.43 0.00	60.17 1.47 0.00	58.87 1.66 0.00	46.67 1.36 0.00	41.04 1.50 0.00	37.67 1.52 0.00	34.33 1.23 0.00
CRICKET___VALLEY_CC3 323758	37.95 0.78 0.00	34.88 0.62 0.00	33.26 0.65 0.00	32.58 0.67 0.00	33.03 0.61 0.00	37.59 0.85 0.00	56.57 1.17 0.00	71.08 1.73 0.00	47.24 1.24 0.00	36.23 1.26 0.00	32.14 1.23 -0.30	31.93 1.26 0.00	30.38 1.07 -1.78	28.83 1.00 -2.91	30.11 0.96 -4.48	34.20 1.06 -6.67	37.76 1.40 -3.71	49.16 1.43 0.00	60.17 1.47 0.00	58.87 1.66 0.00	46.67 1.36 0.00	41.04 1.50 0.00	37.67 1.52 0.00	34.33 1.23 0.00
CRUCIBLE_METL_DRP 24180	36.87 -0.30 0.00	34.02 -0.24 0.00	32.34 -0.26 0.00	31.68 -0.22 0.00	32.23 -0.19 0.00	36.42 -0.33 0.00	55.02 -0.39 0.00	68.86 -0.49 0.00	45.82 -0.18 0.00	34.69 -0.28 0.00	30.31 -0.31 0.00	30.34 -0.34 0.00	27.29 -0.25 0.00	24.68 -0.25 0.00	24.44 -0.22 0.00	26.20 -0.26 0.00	32.25 -0.39 0.00	47.25 -0.48 0.00	58.35 -0.35 0.00	56.81 -0.40 0.00	44.95 -0.36 0.00	39.22 -0.32 0.00	35.79 -0.36 0.00	32.84 -0.26 0.00
DAHOWA___HYDRO 323763	38.13 0.96 0.00	35.29 1.03 0.00	33.65 1.04 0.00	32.99 1.09 0.00	33.52 1.10 0.00	38.11 1.36 0.00	57.51 2.11 0.00	71.91 2.57 0.00	47.29 1.29 0.00	35.70 0.74 0.00	31.00 0.27 -0.10	30.80 0.12 0.00	28.15 0.00 -0.62	25.99 0.05 -1.01	26.30 0.07 -1.56	29.03 0.24 -2.32	34.56 0.62 -1.29	49.02 1.29 0.00	60.46 1.76 0.00	59.33 2.12 0.00	47.04 1.72 0.00	41.04 1.50 0.00	37.60 1.45 0.00	34.40 1.29 0.00
DANC___LFGE 323619	37.50 0.33 0.00	34.47 0.21 0.00	32.70 0.10 0.00	32.03 0.13 0.00	32.58 0.16 0.00	36.93 0.18 0.00	56.35 0.94 0.00	70.60 1.25 0.00	46.18 0.18 0.00	34.69 -0.28 0.00	30.22 -0.40 0.00	30.15 -0.52 0.00	27.09 -0.44 0.00	24.53 -0.40 0.00	24.22 -0.44 0.00	26.02 -0.45 0.00	32.09 -0.56 0.00	47.45 -0.28 0.00	59.17 0.47 0.00	57.61 0.40 0.00	45.59 0.27 0.00	39.66 0.12 0.00	36.08 -0.07 0.00	33.08 -0.03 0.00
DANSKAMMER___1 23586	38.47 1.30 0.00	35.35 1.10 0.00	33.71 1.11 0.00	33.05 1.15 0.00	33.49 1.07 0.00	38.07 1.32 0.00	57.40 1.99 0.00	71.98 2.63 0.00	47.84 1.84 0.00	36.58 1.61 0.00	32.58 1.56 -0.40	32.18 1.50 0.00	31.29 1.35 -2.40	30.11 1.25 -3.94	31.96 1.23 -6.06	36.84 1.35 -9.02	39.43 1.76 -5.02	49.78 2.05 0.00	61.05 2.35 0.00	59.79 2.58 0.00	47.26 1.95 0.00	41.51 1.98 0.00	37.99 1.84 0.00	34.63 1.52 0.00
DANSKAMMER___2 23589	38.47 1.30 0.00	35.35 1.10 0.00	33.71 1.11 0.00	33.05 1.15 0.00	33.49 1.07 0.00	38.07 1.32 0.00	57.40 1.99 0.00	71.98 2.63 0.00	47.84 1.84 0.00	36.58 1.61 0.00	32.58 1.56 -0.40	32.18 1.50 0.00	31.29 1.35 -2.40	30.11 1.25 -3.94	31.96 1.23 -6.06	36.84 1.35 -9.02	39.43 1.76 -5.02	49.78 2.05 0.00	61.05 2.35 0.00	59.79 2.58 0.00	47.26 1.95 0.00	41.51 1.98 0.00	37.99 1.84 0.00	34.63 1.52 0.00
DANSKAMMER___3 23590	38.47 1.30 0.00	35.35 1.10 0.00	33.71 1.11 0.00	33.05 1.15 0.00	33.49 1.07 0.00	38.07 1.32 0.00	57.40 1.99 0.00	71.98 2.63 0.00	47.84 1.84 0.00	36.58 1.61 0.00	32.58 1.56 -0.40	32.18 1.50 0.00	31.29 1.35 -2.40	30.11 1.25 -3.94	31.96 1.23 -6.06	36.84 1.35 -9.02	39.43 1.76 -5.02	49.78 2.05 0.00	61.05 2.35 0.00	59.79 2.58 0.00	47.26 1.95 0.00	41.51 1.98 0.00	37.99 1.84 0.00	34.63 1.52 0.00

DANSKAMMER___4 23591	38.47 1.30 0.00	35.35 1.10 0.00	33.71 1.11 0.00	33.05 1.15 0.00	33.49 1.07 0.00	38.07 1.32 0.00	57.40 1.99 0.00	71.98 2.63 0.00	47.84 1.84 0.00	36.58 1.61 0.00	32.58 1.56 -0.40	32.18 1.50 0.00	31.29 1.35 -2.40	30.11 1.25 -3.94	31.96 1.23 -6.06	36.84 1.35 -9.02	39.43 1.76 -5.02	49.78 2.05 0.00	61.05 2.35 0.00	59.79 2.58 0.00	47.26 1.95 0.00	41.51 1.98 0.00	37.99 1.84 0.00	34.63 1.52 0.00
DANSKAMMER___DIESEL 23592	38.47 1.30 0.00	35.35 1.10 0.00	33.71 1.11 0.00	33.05 1.15 0.00	33.49 1.07 0.00	38.07 1.32 0.00	57.40 1.99 0.00	71.98 2.64 0.00	47.84 1.84 0.00	36.58 1.61 0.00	32.58 1.56 -0.40	32.11 1.44 0.00	31.29 1.35 -2.40	30.11 1.25 -3.94	31.93 1.21 -6.06	36.87 1.38 -9.02	39.43 1.76 -5.02	49.78 2.05 0.00	61.05 2.35 0.00	59.78 2.57 0.00	47.31 1.99 0.00	41.51 1.98 0.00	37.99 1.84 0.00	34.63 1.52 0.00
DARBY___SOLAR 323810	38.10 0.93 0.00	35.22 0.96 0.00	33.58 0.98 0.00	32.93 1.02 0.00	33.43 1.01 0.00	38.00 1.25 0.00	57.35 1.94 0.00	71.70 2.36 0.00	47.19 1.19 0.00	35.67 0.70 0.00	31.03 0.31 -0.10	30.86 0.19 0.00	28.19 0.03 -0.63	26.03 0.08 -1.03	26.35 0.10 -1.58	29.09 0.26 -2.36	34.61 0.65 -1.31	48.97 1.24 0.00	60.34 1.64 0.00	59.21 2.00 0.00	46.94 1.63 0.00	41.00 1.46 0.00	37.52 1.37 0.00	34.33 1.23 0.00
DASHVILLE___HYD 23610	38.28 1.11 0.00	35.15 0.89 0.00	33.52 0.91 0.00	32.86 0.96 0.00	33.29 0.88 0.00	37.81 1.07 0.00	57.02 1.61 0.00	71.43 2.08 0.00	47.43 1.43 0.00	36.30 1.33 0.00	32.42 1.56 -0.24	31.87 1.20 0.00	30.30 1.35 -1.42	28.49 1.25 -2.32	29.47 1.23 -3.58	33.17 1.38 -5.33	37.40 1.80 -2.96	49.35 1.62 0.00	60.46 1.76 0.00	59.21 2.00 0.00	46.86 1.54 0.00	41.16 1.62 0.00	37.67 1.52 0.00	34.37 1.26 0.00
DELAWARE___LFGE 323621	37.91 0.74 0.00	34.84 0.58 0.00	33.16 0.55 0.00	32.48 0.57 0.00	33.00 0.58 0.00	37.44 0.70 0.00	56.57 1.16 0.00	70.94 1.59 0.00	46.87 0.87 0.00	35.53 0.56 0.00	30.97 0.52 0.18	31.07 0.40 0.00	26.89 0.41 1.06	23.57 0.37 1.73	22.35 0.35 2.66	22.93 0.42 3.96	31.02 0.55 2.18	48.54 0.81 0.00	59.82 1.12 0.00	58.41 1.20 0.00	46.31 1.00 0.00	40.45 0.91 0.00	36.91 0.76 0.00	33.84 0.73 0.00
DERFIELD_115KV_TB7 355931	37.24 0.07 0.00	34.29 0.03 0.00	32.64 0.03 0.00	31.97 0.06 0.00	32.45 0.03 0.00	36.82 0.07 0.00	55.52 0.11 0.00	69.55 0.21 0.00	46.09 0.09 0.00	35.04 0.07 0.00	30.68 0.06 0.00	30.70 0.03 0.00	27.56 0.03 0.00	24.95 0.02 0.00	24.71 0.05 0.00	26.52 0.05 0.00	32.71 0.07 0.00	47.83 0.10 0.00	58.82 0.12 0.00	57.32 0.11 0.00	45.41 0.09 0.00	39.65 0.12 0.00	36.26 0.11 0.00	33.21 0.10 0.00
DOGLEVILLE___HYD 23807	39.17 2.01 0.00	36.04 1.78 0.00	34.23 1.63 0.00	33.53 1.63 0.00	34.07 1.65 0.00	38.66 1.91 0.00	58.40 2.99 0.00	73.09 3.74 0.00	48.35 2.35 0.00	36.65 1.68 0.00	32.09 1.47 0.00	32.11 1.44 0.00	28.83 1.29 0.00	26.07 1.15 0.00	25.80 1.13 0.00	27.71 1.24 0.00	34.18 1.53 0.00	49.97 2.24 0.00	61.63 2.93 0.00	60.07 2.86 0.00	47.44 2.13 0.00	41.43 1.90 0.00	37.92 1.77 0.00	34.76 1.66 0.00
DUNKIRK___115KV_TB_200 55889	37.65 0.48 0.00	34.81 0.55 0.00	33.26 0.65 0.00	32.51 0.61 0.00	33.20 0.78 0.00	36.71 -0.04 0.00	54.13 -1.27 0.00	66.57 -2.77 0.00	45.72 -0.28 0.00	34.30 -0.66 0.00	30.30 -0.24 0.08	30.40 -0.28 0.00	27.35 0.28 0.46	24.55 0.37 0.75	23.44 -0.07 1.15	24.54 -0.21 1.71	30.67 -1.01 0.96	46.54 -1.19 0.00	58.11 -0.59 0.00	55.67 -1.54 0.00	43.41 -1.90 0.00	37.44 -2.10 0.00	34.52 -1.63 0.00	32.55 -0.56 0.00
DUNKIRK___1 23563	37.65 0.48 0.00	34.81 0.55 0.00	33.26 0.65 0.00	32.51 0.61 0.00	33.20 0.78 0.00	36.71 -0.04 0.00	54.13 -1.27 0.00	66.57 -2.77 0.00	45.72 -0.28 0.00	34.30 -0.66 0.00	30.30 -0.24 0.08	30.40 -0.28 0.00	27.35 0.28 0.46	24.55 0.37 0.75	23.44 -0.07 1.15	24.54 -0.21 1.71	30.67 -1.01 0.96	46.54 -1.19 0.00	58.11 -0.59 0.00	55.67 -1.54 0.00	43.41 -1.90 0.00	37.44 -2.10 0.00	34.52 -1.63 0.00	32.55 -0.56 0.00
DUNKIRK___2 23564	37.65 0.48 0.00	34.81 0.55 0.00	33.26 0.65 0.00	32.51 0.61 0.00	33.20 0.78 0.00	36.71 -0.04 0.00	54.13 -1.27 0.00	66.57 -2.77 0.00	45.72 -0.28 0.00	34.30 -0.66 0.00	30.30 -0.24 0.08	30.40 -0.28 0.00	27.35 0.28 0.46	24.55 0.37 0.75	23.44 -0.07 1.15	24.54 -0.21 1.71	30.67 -1.01 0.96	46.54 -1.19 0.00	58.11 -0.59 0.00	55.67 -1.54 0.00	43.41 -1.90 0.00	37.44 -2.10 0.00	34.52 -1.63 0.00	32.55 -0.56 0.00
DUNKIRK___3 23565	37.54 0.37 0.00	34.74 0.48 0.00	33.19 0.59 0.00	32.45 0.54 0.00	33.13 0.71 0.00	36.60 -0.15 0.00	53.97 -1.44 0.00	66.36 -2.98 0.00	45.59 -0.41 0.00	34.16 -0.80 0.00	30.18 -0.37 0.08	30.27 -0.40 0.00	27.22 0.14 0.45	24.43 0.25 0.74	23.32 -0.20 1.15	24.42 -0.34 1.70	30.51 -1.18 0.96	46.30 -1.43 0.00	57.82 -0.88 0.00	55.38 -1.83 0.00	43.28 -2.04 0.00	37.40 -2.13 0.00	34.52 -1.63 0.00	32.55 -0.56 0.00
DUNKIRK___4 23566	37.54 0.37 0.00	34.74 0.48 0.00	33.19 0.59 0.00	32.45 0.54 0.00	33.13 0.71 0.00	36.60 -0.15 0.00	53.97 -1.44 0.00	66.36 -2.98 0.00	45.59 -0.41 0.00	34.16 -0.80 0.00	30.18 -0.37 0.08	30.27 -0.40 0.00	27.22 0.14 0.45	24.43 0.25 0.74	23.32 -0.20 1.15	24.42 -0.34 1.70	30.51 -1.18 0.96	46.30 -1.43 0.00	57.82 -0.88 0.00	55.38 -1.83 0.00	43.28 -2.04 0.00	37.40 -2.13 0.00	34.52 -1.63 0.00	32.55 -0.56 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.43 1.26 0.00	35.25 0.99 0.00	33.61 1.01 0.00	32.93 1.02 0.00	33.36 0.94 0.00	37.92 1.18 0.00	56.96 1.55 0.00	71.84 2.50 0.00	47.84 1.84 0.00	36.86 1.89 0.00	32.91 1.87 -0.42	32.45 1.78 0.00	31.74 1.68 -2.53	30.58 1.52 -4.14	32.52 1.48 -6.37	37.54 1.59 -9.49	39.94 2.02 -5.28	49.78 2.05 0.00	60.87 2.17 0.00	59.50 2.29 0.00	47.22 1.90 0.00	41.59 2.06 0.00	38.03 1.88 0.00	34.70 1.59 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.21 1.04 0.00	35.11 0.86 0.00	33.52 0.91 0.00	32.83 0.93 0.00	33.26 0.84 0.00	37.81 1.07 0.00	56.96 1.55 0.00	71.50 2.15 0.00	47.52 1.52 0.00	36.37 1.40 0.00	32.53 1.41 -0.50	31.96 1.29 0.00	31.78 1.24 -3.01	30.99 1.15 -4.92	33.36 1.11 -7.58	39.00 1.24 -11.29	40.52 1.60 -6.28	49.50 1.77 0.00	60.75 2.05 0.00	59.50 2.29 0.00	47.08 1.77 0.00	41.35 1.82 0.00	37.81 1.66 0.00	34.50 1.39 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	38.74 1.56 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.51 1.11 0.01	71.43 2.08 0.00	47.66 1.66 0.00	37.11 2.13 -0.01	33.03 1.99 -0.42	32.57 1.90 0.00	31.90 1.84 -2.52	30.72 1.67 -4.13	32.66 1.63 -6.37	37.70 1.75 -9.48	40.11 2.19 -5.28	49.59 1.86 0.00	60.34 1.64 0.00	58.86 1.66 0.01	46.90 1.59 0.00	41.51 1.98 0.00	38.10 1.95 0.00	34.90 1.79 0.00

E179THST_13_KV_LOAD 356214	38.88 1.71 -0.01	35.67 1.40 -0.01	33.98 1.37 -0.01	33.29 1.37 -0.01	33.76 1.33 -0.01	38.11 1.36 0.00	56.73 1.33 0.01	71.77 2.43 0.00	47.89 1.89 0.00	37.28 2.31 -0.01	33.18 2.14 -0.42	32.73 2.06 0.00	32.01 1.95 -2.52	30.85 1.79 -4.13	32.76 1.73 -6.37	37.80 1.85 -9.48	40.28 2.35 -5.28	49.83 2.10 0.00	60.64 1.94 0.00	59.15 1.95 0.01	47.08 1.77 0.00	41.71 2.17 0.00	38.25 2.10 0.00	35.03 1.92 0.00
EAST HAMPTON___GT 23717	37.35 0.22 0.04	28.01 0.10 6.36	28.02 0.20 4.78	28.09 0.25 4.06	28.14 0.23 4.51	37.10 0.40 0.05	44.79 0.55 11.17	49.43 1.52 21.44	45.03 1.10 2.07	32.68 1.33 3.61	32.82 1.78 -0.42	32.36 1.69 0.00	31.60 1.54 -2.52	30.55 1.50 -4.13	32.52 1.50 -6.36	37.68 1.75 -9.46	40.03 2.12 -5.26	49.87 2.15 0.01	60.75 2.05 0.01	59.66 2.46 0.01	47.25 1.95 0.01	41.71 2.17 0.00	38.03 1.88 0.00	34.39 1.29 0.01
EAST RIVER___6 23660	38.58 1.41 0.00	35.35 1.10 0.00	33.68 1.07 0.00	32.99 1.09 0.00	33.33 0.91 0.00	37.81 1.07 0.00	56.80 1.39 0.00	71.77 2.43 0.00	47.93 1.93 0.00	37.00 2.03 0.00	33.06 2.02 -0.42	32.67 1.99 0.00	31.91 1.84 -2.53	30.73 1.67 -4.14	32.72 1.68 -6.38	37.71 1.75 -9.49	40.14 2.22 -5.28	50.02 2.29 0.00	60.93 2.23 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.55 2.02 0.00	38.03 1.88 0.00	34.67 1.56 0.00
EAST RIVER___7 23524	38.58 1.41 0.00	35.35 1.10 0.00	33.68 1.07 0.00	32.99 1.09 0.00	33.33 0.91 0.00	37.81 1.07 0.00	56.80 1.39 0.00	71.77 2.43 0.00	47.93 1.93 0.00	37.00 2.03 0.00	33.06 2.02 -0.42	32.67 1.99 0.00	31.91 1.84 -2.53	30.73 1.67 -4.14	32.72 1.68 -6.38	37.71 1.75 -9.49	40.14 2.22 -5.28	50.02 2.29 0.00	60.93 2.23 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.55 2.02 0.00	38.03 1.88 0.00	34.67 1.56 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.36 1.19 0.00	35.22 0.96 0.00	33.58 0.98 0.00	32.89 0.99 0.00	33.33 0.91 0.00	37.89 1.14 0.00	56.91 1.50 0.00	71.70 2.36 0.00	47.75 1.75 0.00	36.75 1.78 0.00	32.83 1.78 -0.43	32.39 1.72 0.00	31.72 1.60 -2.59	30.63 1.47 -4.24	32.62 1.43 -6.53	37.72 1.54 -9.72	39.97 1.93 -5.40	49.69 1.96 0.00	60.81 2.11 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.51 1.98 0.00	37.96 1.81 0.00	34.63 1.52 0.00
EAST_HAMPTON___DIESEL 23722	37.35 0.22 0.04	27.97 0.07 6.36	27.99 0.16 4.78	28.09 0.25 4.06	28.14 0.23 4.51	37.10 0.40 0.05	44.79 0.55 11.17	49.37 1.46 21.44	45.03 1.10 2.07	32.68 1.33 3.61	32.85 1.81 -0.42	32.36 1.69 0.00	31.60 1.54 -2.52	30.55 1.50 -4.13	32.52 1.50 -6.36	37.68 1.75 -9.46	40.03 2.12 -5.26	49.87 2.15 0.01	60.75 2.05 0.01	59.66 2.46 0.01	47.25 1.95 0.01	41.71 2.17 0.00	38.03 1.88 0.00	34.39 1.29 0.01
EAST_POINT___SOLAR 323840	38.28 1.11 0.00	35.39 1.13 0.00	33.71 1.11 0.00	33.05 1.15 0.00	33.65 1.23 0.00	38.33 1.58 0.00	58.23 2.82 0.00	72.19 2.84 0.00	45.40 -0.60 0.00	33.33 -1.64 0.00	28.51 -2.11 0.00	28.34 -2.33 0.00	25.41 -2.12 0.00	23.01 -1.92 0.00	22.74 -1.92 0.00	24.61 -1.85 0.00	31.05 -1.60 0.00	47.88 0.14 0.00	60.87 2.17 0.00	59.79 2.58 0.00	47.40 2.09 0.00	41.27 1.74 0.00	37.56 1.41 0.00	34.37 1.26 0.00
EAST_PULASKI___ESR 323781	36.87 -0.30 0.00	33.95 -0.31 0.00	32.28 -0.33 0.00	31.62 -0.29 0.00	32.16 -0.26 0.00	36.41 -0.33 0.00	55.24 -0.17 0.00	69.14 -0.21 0.00	45.68 -0.32 0.00	34.44 -0.52 0.00	30.10 -0.52 0.00	30.09 -0.58 0.00	27.04 -0.49 0.00	24.45 -0.47 0.00	24.19 -0.47 0.00	25.96 -0.50 0.00	31.93 -0.72 0.00	46.97 -0.77 0.00	58.23 -0.47 0.00	56.69 -0.52 0.00	44.95 -0.36 0.00	39.18 -0.36 0.00	35.72 -0.43 0.00	32.75 -0.36 0.00
EAST_RIVER___1 323558	38.61 1.45 0.00	35.39 1.13 0.00	33.71 1.11 0.00	33.02 1.12 0.00	33.46 1.04 0.00	38.00 1.25 0.00	57.02 1.61 0.00	72.05 2.70 0.00	48.02 2.02 0.00	37.07 2.10 0.00	33.12 2.08 -0.42	32.70 2.02 0.00	31.94 1.87 -2.53	30.76 1.70 -4.14	32.69 1.65 -6.38	37.73 1.77 -9.49	40.14 2.22 -5.28	49.98 2.24 0.00	60.99 2.29 0.00	59.50 2.29 0.00	47.22 1.90 0.00	41.63 2.09 0.00	38.10 1.95 0.00	34.76 1.65 0.00
EAST_RIVER___2 323559	38.58 1.41 0.00	35.35 1.10 0.00	33.68 1.07 0.00	32.99 1.09 0.00	33.33 0.91 0.00	37.81 1.07 0.00	56.80 1.39 0.00	71.77 2.43 0.00	47.93 1.93 0.00	37.00 2.03 0.00	33.06 2.02 -0.42	32.67 1.99 0.00	31.91 1.84 -2.53	30.73 1.67 -4.14	32.72 1.68 -6.38	37.71 1.75 -9.49	40.14 2.22 -5.28	50.02 2.29 0.00	60.93 2.23 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.55 2.02 0.00	38.03 1.88 0.00	34.67 1.56 0.00
EAST___DELAWARE_HYD 23607	38.28 1.11 0.00	35.15 0.89 0.00	33.55 0.95 0.00	32.90 0.99 0.00	33.33 0.91 0.00	37.85 1.10 0.00	57.24 1.83 0.00	71.70 2.36 0.00	47.51 1.52 0.00	36.23 1.26 0.00	31.79 1.23 0.06	31.78 1.10 0.00	28.23 1.05 0.35	25.32 0.97 0.57	24.74 0.96 0.88	26.24 1.09 1.31	33.39 1.47 0.73	49.50 1.77 0.00	60.87 2.17 0.00	59.67 2.46 0.00	47.13 1.81 0.00	41.27 1.74 0.00	37.74 1.59 0.00	34.43 1.33 0.00
EIGHT_POINT___WT_PWR 323820	37.65 0.48 0.00	34.67 0.41 0.00	32.96 0.36 0.00	32.16 0.25 0.00	32.78 0.36 0.00	36.49 -0.26 0.00	54.24 -1.17 0.00	66.92 -2.43 0.00	45.36 -0.64 0.00	33.78 -1.19 0.00	29.74 -0.80 0.08	29.85 -0.83 0.00	26.64 -0.39 0.51	23.80 -0.30 0.83	22.85 -0.54 1.27	23.80 -0.77 1.90	30.42 -1.17 1.05	46.68 -1.05 0.00	58.35 -0.35 0.00	55.95 -1.26 0.00	43.77 -1.54 0.00	37.91 -1.62 0.00	34.49 -1.66 0.00	32.22 -0.89 0.00
ELBRIDGE_115KV_TB2 80188	36.72 -0.45 0.00	33.88 -0.38 0.00	32.24 -0.36 0.00	31.59 -0.32 0.00	32.13 -0.29 0.00	36.31 -0.44 0.00	54.80 -0.61 0.00	68.51 -0.83 0.00	45.63 -0.37 0.00	34.51 -0.45 0.00	30.19 -0.43 0.00	30.21 -0.46 0.00	27.20 -0.33 0.00	24.60 -0.32 0.00	24.34 -0.32 0.00	26.10 -0.37 0.00	32.12 -0.52 0.00	47.06 -0.67 0.00	58.11 -0.59 0.00	56.58 -0.63 0.00	44.77 -0.54 0.00	39.02 -0.51 0.00	35.64 -0.51 0.00	32.74 -0.36 0.00
ELEC_TRO_TEK 24086	37.80 0.63 0.00	34.66 0.41 0.01	33.05 0.46 0.01	32.38 0.48 0.01	32.80 0.39 0.01	37.29 0.55 0.01	53.44 0.61 2.57	65.73 1.32 4.94	46.53 1.01 0.48	36.26 1.29 0.01	32.60 1.56 -0.42	32.11 1.44 0.00	31.40 1.35 -2.52	30.35 1.30 -4.13	32.30 1.28 -6.36	37.33 1.40 -9.46	39.64 1.73 -5.26	49.16 1.43 0.01	60.04 1.35 0.01	58.69 1.49 0.01	46.58 1.27 0.01	41.08 1.54 0.00	37.52 1.37 0.00	34.13 1.03 0.01
ELLENBURG_WT_PWR 323604	37.84 0.67 0.00	34.91 0.65 0.00	33.16 0.55 0.00	32.38 0.48 0.00	32.91 0.49 0.00	37.33 0.59 0.00	56.46 1.05 0.00	70.52 1.18 0.00	46.55 0.55 0.00	35.42 0.45 0.00	31.02 0.40 0.00	31.16 0.49 0.00	27.95 0.41 0.00	25.25 0.32 0.00	24.94 0.27 0.00	26.76 0.29 0.00	33.07 0.42 0.00	48.59 0.86 0.00	59.81 1.11 0.00	58.12 0.91 0.00	45.90 0.59 0.00	39.73 0.20 0.00	36.19 0.04 0.00	33.01 -0.10 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.46 0.30 0.00	34.77 0.51 0.00	33.19 0.59 0.00	32.45 0.54 0.00	33.20 0.78 0.00	36.56 -0.18 0.00	53.58 -1.83 0.00	65.81 -3.54 0.00	45.36 -0.64 0.00	34.06 -0.91 0.00	30.06 -0.49 0.07	30.12 -0.55 0.00	27.10 0.00 0.44	24.33 0.12 0.72	23.24 -0.32 1.10	24.30 -0.53 1.64	30.32 -1.40 0.92	45.77 -1.96 0.00	57.00 -1.70 0.00	54.75 -2.46 0.00	42.87 -2.45 0.00	37.16 -2.37 0.00	34.45 -1.70 0.00	32.58 -0.53 0.00
EMPIRE_CC_1 323656	37.80 0.63 0.00	34.84 0.58 0.00	33.19 0.59 0.00	32.54 0.64 0.00	33.03 0.61 0.00	37.59 0.85 0.00	56.63 1.22 0.00	70.87 1.52 0.00	47.01 1.01 0.00	35.84 0.87 0.00	31.53 0.77 -0.15	31.44 0.77 0.00	29.03 0.60 -0.89	26.96 0.57 -1.46	27.47 0.57 -2.24	30.47 0.66 -3.34	35.45 0.95 -1.86	48.88 1.14 0.00	59.93 1.23 0.00	58.64 1.43 0.00	46.49 1.18 0.00	40.68 1.15 0.00	37.38 1.23 0.00	34.14 1.03 0.00
EMPIRE_CC_2 323658	37.80 0.63 0.00	34.84 0.58 0.00	33.19 0.59 0.00	32.54 0.64 0.00	33.03 0.61 0.00	37.59 0.85 0.00	56.63 1.22 0.00	70.87 1.52 0.00	47.01 1.01 0.00	35.84 0.87 0.00	31.53 0.77 -0.15	31.44 0.77 0.00	29.03 0.60 -0.89	26.96 0.57 -1.46	27.47 0.57 -2.24	30.47 0.66 -3.34	35.45 0.95 -1.86	48.88 1.14 0.00	59.93 1.23 0.00	58.64 1.43 0.00	46.49 1.18 0.00	40.68 1.15 0.00	37.38 1.23 0.00	34.14 1.03 0.00
ENORWICH_115KV_TB1 80156	40.44 3.27 0.00	36.96 2.71 0.00	34.92 2.31 0.00	34.20 2.30 0.00	34.82 2.40 0.00	39.58 2.83 0.00	60.78 5.37 0.00	76.35 7.00 0.00	49.17 3.17 0.00	36.16 1.19 0.00	31.04 0.55 0.13	30.89 0.21 0.00	26.99 0.25 0.79	23.73 0.10 1.29	22.82 0.15 1.99	23.83 0.32 2.96	31.57 0.49 1.56	49.59 1.86 0.00	62.34 3.64 0.00	60.53 3.32 0.00	47.63 2.31 0.00	41.08 1.54 0.00	37.27 1.12 0.00	34.30 1.19 0.00
ERIE_ST__34_KV_TB1-2 80199	37.43 0.26 0.00	34.64 0.38 0.00	33.09 0.49 0.00	32.42 0.51 0.00	33.13 0.71 0.00	36.53 -0.22 0.00	53.86 -1.55 0.00	66.29 -3.05 0.00	45.59 -0.41 0.00	34.16 -0.80 0.00	30.12 -0.43 0.08	30.18 -0.49 0.00	27.14 0.06 0.45	24.36 0.17 0.74	23.23 -0.30 1.14	24.30 -0.48 1.69	30.39 -1.31 0.95	46.06 -1.67 0.00	57.53 -1.17 0.00	55.15 -2.06 0.00	43.09 -2.22 0.00	37.32 -2.21 0.00	34.45 -1.70 0.00	32.58 -0.53 0.00
ERIE_WT_PWR 323693	37.65 0.48 0.00	34.84 0.58 0.00	33.29 0.69 0.00	32.51 0.60 0.00	33.30 0.88 0.00	36.75 0.00 0.00	53.86 -1.55 0.00	66.23 -3.12 0.00	45.58 -0.41 0.00	34.20 -0.77 0.00	30.27 -0.28 0.07	30.37 -0.31 0.00	27.25 0.17 0.45	24.44 0.25 0.73	23.41 -0.12 1.13	24.39 -0.40 1.68	30.43 -1.27 0.94	46.02 -1.72 0.00	57.41 -1.29 0.00	55.09 -2.12 0.00	43.05 -2.26 0.00	37.36 -2.17 0.00	34.52 -1.63 0.00	32.65 -0.46 0.00
ESPRGFLD_115KV_TB1 80157	37.76 0.59 0.00	34.74 0.48 0.00	33.06 0.46 0.00	32.38 0.48 0.00	32.94 0.52 0.00	37.44 0.70 0.00	56.91 1.50 0.00	71.15 1.80 0.00	46.18 0.18 0.00	34.58 -0.38 0.00	30.01 -0.61 0.00	29.88 -0.80 0.00	26.82 -0.72 0.00	24.25 -0.67 0.00	24.02 -0.64 0.00	25.91 -0.56 0.00	32.22 -0.42 0.00	47.97 0.24 0.00	59.87 1.17 0.00	58.53 1.32 0.00	46.36 1.04 0.00	40.41 0.87 0.00	36.73 0.58 0.00	33.67 0.56 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.72 0.56 0.00	34.77 0.51 0.00	33.06 0.46 0.00	32.38 0.48 0.00	32.94 0.52 0.00	37.22 0.48 0.00	56.30 0.89 0.00	70.39 1.04 0.00	46.74 0.74 0.00	35.14 0.17 0.00	30.59 0.06 0.09	30.64 -0.03 0.00	27.04 0.06 0.55	24.05 0.02 0.90	23.28 0.00 1.38	24.44 0.03 2.05	31.51 0.00 1.13	48.07 0.33 0.00	59.70 1.00 0.00	58.01 0.80 0.00	45.86 0.54 0.00	39.93 0.40 0.00	36.37 0.22 0.00	33.44 0.33 0.00
ETNA____115KV_TB2 80207	37.72 0.56 0.00	34.77 0.51 0.00	33.06 0.46 0.00	32.38 0.48 0.00	32.94 0.52 0.00	37.22 0.48 0.00	56.30 0.89 0.00	70.39 1.04 0.00	46.74 0.74 0.00	35.14 0.17 0.00	30.59 0.06 0.09	30.64 -0.03 0.00	27.04 0.06 0.55	24.05 0.02 0.90	23.28 0.00 1.38	24.44 0.03 2.05	31.51 0.00 1.13	48.07 0.33 0.00	59.70 1.00 0.00	58.01 0.80 0.00	45.86 0.54 0.00	39.93 0.40 0.00	36.37 0.22 0.00	33.44 0.33 0.00
EUCLID___115KV_TB2 356179	36.53 -0.63 0.00	33.68 -0.58 0.00	32.05 -0.55 0.00	31.40 -0.51 0.00	31.93 -0.49 0.00	36.08 -0.66 0.00	54.47 -0.94 0.00	68.10 -1.25 0.00	45.31 -0.69 0.00	34.37 -0.59 0.00	30.07 -0.55 0.00	30.09 -0.58 0.00	27.07 -0.47 0.00	24.50 -0.42 0.00	24.24 -0.42 0.00	25.99 -0.48 0.00	31.99 -0.65 0.00	46.82 -0.91 0.00	57.76 -0.94 0.00	56.18 -1.03 0.00	44.50 -0.82 0.00	38.82 -0.71 0.00	35.46 -0.69 0.00	32.58 -0.53 0.00
E_CANADA_CAP_HY 24051	37.61 0.45 0.00	34.70 0.44 0.00	33.06 0.46 0.00	32.41 0.51 0.00	32.97 0.55 0.00	37.55 0.81 0.00	57.07 1.66 0.00	71.08 1.73 0.00	45.54 -0.46 0.00	33.88 -1.08 0.00	29.15 -1.47 0.00	28.99 -1.69 0.00	25.97 -1.57 0.00	23.51 -1.42 0.00	23.28 -1.38 0.00	25.20 -1.27 0.00	31.60 -1.05 0.00	47.59 -0.14 0.00	59.70 1.00 0.00	58.58 1.37 0.00	46.40 1.09 0.00	40.48 0.95 0.00	36.87 0.72 0.00	33.74 0.63 0.00
E_CANADA_MHWK_HY 24050	39.17 2.01 0.00	36.04 1.78 0.00	34.23 1.63 0.00	33.53 1.63 0.00	34.07 1.65 0.00	38.66 1.91 0.00	58.40 2.99 0.00	73.09 3.74 0.00	48.34 2.34 0.00	36.65 1.68 0.00	32.09 1.47 0.00	32.12 1.44 0.00	28.83 1.29 0.00	26.10 1.17 0.00	25.80 1.14 0.00	27.69 1.22 0.00	34.18 1.53 0.00	49.98 2.24 0.00	61.63 2.93 0.00	60.07 2.86 0.00	47.45 2.13 0.00	41.43 1.90 0.00	37.92 1.77 0.00	34.76 1.65 0.00
E_FISHKILL___LBMP 23776	38.17 1.00 0.00	35.08 0.82 0.00	33.42 0.82 0.00	32.74 0.83 0.00	33.20 0.78 0.00	37.74 0.99 0.00	56.74 1.33 0.00	71.36 2.01 0.00	47.47 1.47 0.00	36.51 1.54 0.00	32.44 1.50 -0.32	32.11 1.44 0.00	30.79 1.32 -1.94	29.32 1.22 -3.17	30.73 1.18 -4.88	35.04 1.30 -7.27	38.35 1.66 -4.04	49.40 1.67 0.00	60.46 1.76 0.00	59.10 1.89 0.00	46.90 1.59 0.00	41.24 1.70 0.00	37.74 1.59 0.00	34.43 1.32 0.00
FALCON___SEABRD_CC1 323796	38.54 1.38 0.00	35.59 1.33 0.00	33.84 1.24 0.00	33.02 1.12 0.00	33.55 1.13 0.00	38.07 1.32 0.00	57.63 2.22 0.00	71.91 2.57 0.00	47.38 1.38 0.00	36.05 1.09 0.00	31.63 1.01 0.00	31.81 1.14 0.00	28.52 0.99 0.00	25.72 0.80 0.00	25.38 0.72 0.00	27.24 0.77 0.00	33.66 1.01 0.00	49.64 1.91 0.00	61.05 2.35 0.00	59.33 2.12 0.00	46.72 1.41 0.00	40.25 0.71 0.00	36.62 0.47 0.00	33.31 0.20 0.00
FALCON___SEABRD_CC2 323797	38.54 1.38 0.00	35.59 1.33 0.00	33.84 1.24 0.00	33.02 1.12 0.00	33.55 1.13 0.00	38.07 1.32 0.00	57.63 2.22 0.00	71.91 2.57 0.00	47.38 1.38 0.00	36.05 1.09 0.00	31.63 1.01 0.00	31.81 1.14 0.00	28.52 0.99 0.00	25.72 0.80 0.00	25.38 0.72 0.00	27.24 0.77 0.00	33.66 1.01 0.00	49.64 1.91 0.00	61.05 2.35 0.00	59.33 2.12 0.00	46.72 1.41 0.00	40.25 0.71 0.00	36.62 0.47 0.00	33.31 0.20 0.00

FAR ROCKAWAY___4 23548	38.24 1.08 0.00	35.04 0.79 0.01	33.41 0.82 0.01	32.70 0.80 0.01	33.16 0.75 0.01	37.70 0.96 0.01	55.51 1.22 1.12	69.21 2.01 2.15	47.26 1.47 0.21	36.60 1.64 0.01	32.94 1.90 -0.42	32.42 1.75 0.00	31.71 1.65 -2.52	30.62 1.57 -4.13	32.60 1.58 -6.36	37.65 1.72 -9.46	40.03 2.12 -5.26	49.78 2.05 0.01	60.81 2.11 0.01	59.49 2.29 0.01	47.17 1.86 0.01	41.55 2.02 0.00	37.92 1.77 0.00	34.49 1.39 0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.62 1.45 0.00	35.39 1.13 0.00	33.71 1.11 0.00	33.02 1.12 0.00	33.49 1.07 0.00	38.03 1.29 0.00	57.02 1.61 0.00	72.05 2.70 0.00	47.98 1.98 0.00	37.07 2.10 0.00	33.09 2.05 -0.42	32.64 1.96 0.00	31.91 1.84 -2.53	30.76 1.69 -4.14	32.69 1.65 -6.37	37.73 1.77 -9.49	40.14 2.22 -5.28	49.93 2.20 0.00	60.99 2.29 0.00	59.50 2.29 0.00	47.26 1.95 0.00	41.67 2.13 0.00	38.10 1.95 0.00	34.76 1.66 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.62 1.45 0.00	35.42 1.16 0.00	33.74 1.14 0.00	33.02 1.12 0.00	33.49 1.07 0.00	38.03 1.29 0.00	57.02 1.61 0.00	72.05 2.70 0.00	47.98 1.98 0.00	37.07 2.10 0.00	33.09 2.05 -0.42	32.64 1.96 0.00	31.91 1.84 -2.53	30.76 1.69 -4.14	32.69 1.65 -6.37	37.73 1.77 -9.49	40.14 2.22 -5.28	49.93 2.20 0.00	60.99 2.29 0.00	59.56 2.35 0.00	47.26 1.95 0.00	41.67 2.13 0.00	38.14 1.99 0.00	34.80 1.69 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.58 1.41 0.00	35.39 1.13 0.00	33.71 1.11 0.00	33.02 1.12 0.00	33.46 1.04 0.00	38.00 1.25 0.00	57.02 1.61 0.00	71.98 2.64 0.00	47.98 1.98 0.00	37.07 2.10 0.00	33.09 2.05 -0.42	32.61 1.93 0.00	31.91 1.84 -2.53	30.76 1.69 -4.14	32.67 1.63 -6.37	37.71 1.75 -9.49	40.14 2.22 -5.28	49.93 2.20 0.00	60.99 2.29 0.00	59.50 2.29 0.00	47.22 1.90 0.00	41.67 2.13 0.00	38.10 1.95 0.00	34.76 1.66 0.00
FARRAGUT___LBMP 323566	38.58 1.41 0.00	35.35 1.10 0.00	33.68 1.08 0.00	32.99 1.08 0.00	33.46 1.04 0.00	38.00 1.25 0.00	56.96 1.55 0.00	71.91 2.57 0.00	47.93 1.93 0.00	37.03 2.06 0.00	33.06 2.02 -0.42	32.61 1.93 0.00	31.88 1.82 -2.53	30.73 1.67 -4.14	32.64 1.60 -6.37	37.68 1.72 -9.49	40.11 2.19 -5.28	49.88 2.15 0.00	60.93 2.23 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.73 1.62 0.00
FENNER___WINDPWR 24204	37.72 0.56 0.00	34.74 0.48 0.00	33.03 0.42 0.00	32.32 0.41 0.00	32.91 0.49 0.00	37.26 0.51 0.00	56.46 1.05 0.00	70.66 1.31 0.00	46.69 0.69 0.00	35.21 0.25 0.00	30.77 0.15 0.00	30.73 0.06 0.00	27.62 0.08 0.00	25.00 0.08 0.00	24.74 0.07 0.00	26.55 0.08 0.00	32.74 0.10 0.00	48.16 0.43 0.00	59.70 1.00 0.00	58.12 0.91 0.00	45.95 0.63 0.00	40.01 0.48 0.00	36.48 0.32 0.00	33.47 0.36 0.00
FIBERTEK___ENERGY 23856	36.87 -0.30 0.00	34.02 -0.24 0.00	32.34 -0.26 0.00	31.68 -0.22 0.00	32.23 -0.19 0.00	36.42 -0.33 0.00	55.02 -0.39 0.00	68.86 -0.49 0.00	45.82 -0.18 0.00	34.69 -0.28 0.00	30.31 -0.31 0.00	30.34 -0.34 0.00	27.29 -0.25 0.00	24.68 -0.25 0.00	24.44 -0.22 0.00	26.20 -0.26 0.00	32.25 -0.39 0.00	47.25 -0.48 0.00	58.35 -0.35 0.00	56.81 -0.40 0.00	44.95 -0.36 0.00	39.22 -0.32 0.00	35.79 -0.36 0.00	32.84 -0.26 0.00
FITZPATRICK___ 23598	36.09 -1.08 0.00	33.26 -0.99 0.00	31.66 -0.95 0.00	30.98 -0.93 0.00	31.51 -0.91 0.00	35.64 -1.10 0.00	53.75 -1.66 0.00	67.27 -2.08 0.00	44.71 -1.29 0.00	33.92 -1.05 0.00	29.70 -0.92 0.00	29.75 -0.92 0.00	26.73 -0.80 0.00	24.20 -0.72 0.00	23.97 -0.69 0.00	25.70 -0.77 0.00	31.60 -1.05 0.00	46.25 -1.48 0.00	57.00 -1.70 0.00	55.50 -1.71 0.00	43.91 -1.41 0.00	38.31 -1.23 0.00	35.03 -1.12 0.00	32.15 -0.96 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.54 1.38 0.00	35.39 1.13 0.00	33.78 1.17 0.00	33.12 1.21 0.00	33.55 1.13 0.00	38.14 1.40 0.00	57.51 2.11 0.00	72.12 2.77 0.00	47.89 1.89 0.00	36.65 1.68 0.00	32.60 1.59 -0.39	32.15 1.47 0.00	31.21 1.35 -2.33	29.98 1.25 -3.81	31.76 1.23 -5.86	36.60 1.40 -8.73	39.29 1.80 -4.85	49.83 2.10 0.00	61.11 2.41 0.00	59.90 2.69 0.00	47.35 2.04 0.00	41.55 2.02 0.00	38.03 1.88 0.00	34.70 1.59 0.00
FORT ORANGE___ 23900	37.39 0.22 0.00	34.57 0.31 0.00	32.96 0.36 0.00	32.29 0.38 0.00	32.78 0.36 0.00	37.26 0.51 0.00	56.13 0.72 0.00	70.32 0.97 0.00	46.51 0.51 0.00	35.39 0.42 0.00	31.08 0.34 -0.12	30.95 0.28 0.00	28.44 0.19 -0.71	26.29 0.20 -1.17	26.68 0.22 -1.79	29.46 0.32 -2.67	34.69 0.55 -1.49	48.31 0.57 0.00	59.29 0.59 0.00	58.01 0.80 0.00	46.04 0.72 0.00	40.25 0.71 0.00	36.98 0.83 0.00	33.77 0.66 0.00
FORT_DRUM_COGEN 23780	38.28 1.11 0.00	35.11 0.86 0.00	33.26 0.65 0.00	32.61 0.70 0.00	33.20 0.78 0.00	37.63 0.88 0.00	57.79 2.38 0.00	72.54 3.19 0.00	46.92 0.92 0.00	35.00 0.03 0.00	30.38 -0.24 0.00	30.31 -0.37 0.00	27.20 -0.33 0.00	24.58 -0.35 0.00	24.32 -0.35 0.00	26.15 -0.32 0.00	32.32 -0.33 0.00	48.16 0.43 0.00	60.46 1.76 0.00	58.87 1.66 0.00	46.45 1.13 0.00	40.33 0.79 0.00	36.58 0.43 0.00	33.51 0.40 0.00
FOX_HILLS___ESR 323835	38.74 1.56 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.12 0.72 0.01	70.94 1.59 0.00	47.33 1.33 0.00	37.07 2.10 -0.01	33.06 2.02 -0.42	32.61 1.93 0.00	31.91 1.84 -2.54	30.79 1.72 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.18 2.25 -5.28	49.50 1.77 0.00	60.23 1.53 0.00	58.80 1.60 0.01	46.72 1.40 0.00	41.55 2.02 0.00	38.25 2.10 0.00	35.00 1.89 0.00
FPL_FAR_ROCK_GT1 24212	38.24 1.08 0.00	35.04 0.79 0.01	33.41 0.82 0.01	32.70 0.80 0.01	33.16 0.75 0.01	37.66 0.92 0.01	55.50 1.22 1.12	69.21 2.01 2.15	47.22 1.43 0.21	36.61 1.64 0.01	32.94 1.90 -0.42	32.48 1.81 0.00	31.73 1.68 -2.52	30.65 1.60 -4.13	32.60 1.58 -6.36	37.63 1.70 -9.46	40.03 2.12 -5.26	49.78 2.05 0.01	60.80 2.11 0.01	59.49 2.29 0.01	47.12 1.81 0.01	41.51 1.98 0.00	37.96 1.81 0.00	34.49 1.39 0.01
FPL_FAR_ROCK_GT2 23815	38.24 1.08 0.00	35.04 0.79 0.01	33.41 0.82 0.01	32.70 0.80 0.01	33.16 0.75 0.01	37.66 0.92 0.01	55.50 1.22 1.12	69.21 2.01 2.15	47.22 1.43 0.21	36.61 1.64 0.01	32.94 1.90 -0.42	32.48 1.81 0.00	31.73 1.68 -2.52	30.65 1.60 -4.13	32.60 1.58 -6.36	37.63 1.70 -9.46	40.03 2.12 -5.26	49.78 2.05 0.01	60.80 2.11 0.01	59.49 2.29 0.01	47.12 1.81 0.01	41.51 1.98 0.00	37.96 1.81 0.00	34.49 1.39 0.01
FRANKLIN_FALL_HYD 24054	38.28 1.11 0.00	35.32 1.06 0.00	33.52 0.91 0.00	32.70 0.80 0.00	33.26 0.84 0.00	37.81 1.07 0.00	57.40 1.99 0.00	71.63 2.29 0.00	47.06 1.06 0.00	35.74 0.77 0.00	31.32 0.70 0.00	31.50 0.83 0.00	28.22 0.69 0.00	25.45 0.52 0.00	25.11 0.44 0.00	26.97 0.50 0.00	33.33 0.69 0.00	49.21 1.48 0.00	60.64 1.94 0.00	58.93 1.72 0.00	46.49 1.18 0.00	40.21 0.67 0.00	36.66 0.51 0.00	33.41 0.30 0.00



FREEPORT_EQUS_GT1 23764	37.87 0.70 0.00	34.73 0.48 0.01	33.09 0.49 0.01	32.41 0.51 0.01	32.83 0.42 0.01	37.29 0.55 0.01	50.06 0.55 5.91	59.26 1.25 11.33	45.87 0.97 1.09	36.26 1.29 0.01	32.69 1.65 -0.42	32.24 1.56 0.00	31.49 1.43 -2.52	30.42 1.37 -4.13	32.40 1.38 -6.36	37.39 1.45 -9.46	39.77 1.86 -5.26	49.30 1.57 0.01	60.22 1.52 0.01	58.92 1.71 0.01	46.67 1.36 0.01	41.16 1.62 0.00	37.67 1.52 0.00	34.23 1.13 0.01
FREEPORT___CT2 23818	37.87 0.70 0.00	34.73 0.48 0.01	33.09 0.49 0.01	32.41 0.51 0.01	32.83 0.42 0.01	37.29 0.55 0.01	50.06 0.55 5.91	59.26 1.25 11.33	45.87 0.97 1.09	36.26 1.29 0.01	32.69 1.65 -0.42	32.24 1.56 0.00	31.49 1.43 -2.52	30.42 1.37 -4.13	32.40 1.38 -6.36	37.39 1.45 -9.46	39.77 1.86 -5.26	49.30 1.57 0.01	60.22 1.52 0.01	58.92 1.71 0.01	46.67 1.36 0.01	41.16 1.62 0.00	37.67 1.52 0.00	34.23 1.13 0.01
FRESHKLS_33_KV_LOAD 356253	38.77 1.60 -0.01	35.60 1.34 -0.01	33.95 1.34 -0.01	33.22 1.31 -0.01	33.69 1.26 -0.01	38.14 1.40 0.00	55.96 0.55 0.01	70.72 1.39 0.01	47.19 1.20 0.01	37.07 2.10 -0.01	33.09 2.05 -0.42	32.64 1.96 0.00	31.91 1.84 -2.54	30.79 1.72 -4.14	32.74 1.70 -6.37	37.80 1.85 -9.48	40.21 2.29 -5.28	49.44 1.72 0.01	60.04 1.35 0.01	58.69 1.49 0.01	46.62 1.31 0.01	41.51 1.98 0.00	38.32 2.17 0.00	35.06 1.95 0.00
FULTON COGEN____ 23766	36.46 -0.71 0.00	33.61 -0.65 0.00	31.98 -0.62 0.00	31.33 -0.57 0.00	31.87 -0.55 0.00	36.05 -0.70 0.00	54.41 -1.00 0.00	68.10 -1.25 0.00	45.31 -0.69 0.00	34.30 -0.66 0.00	30.01 -0.61 0.00	30.03 -0.64 0.00	26.98 -0.55 0.00	24.43 -0.50 0.00	24.20 -0.47 0.00	25.94 -0.53 0.00	31.93 -0.72 0.00	46.78 -0.95 0.00	57.70 -1.00 0.00	56.18 -1.03 0.00	44.50 -0.82 0.00	38.82 -0.71 0.00	35.43 -0.72 0.00	32.51 -0.60 0.00
FULTON___LFGE 323630	38.17 1.00 0.00	35.25 0.99 0.00	33.58 0.98 0.00	32.93 1.02 0.00	33.49 1.07 0.00	38.14 1.40 0.00	57.84 2.44 0.00	72.12 2.78 0.00	46.28 0.28 0.00	34.34 -0.63 0.00	29.46 -1.16 0.00	29.20 -1.47 0.00	26.10 -1.43 0.00	23.65 -1.27 0.00	23.48 -1.18 0.00	25.52 -0.95 0.00	32.09 -0.56 0.00	48.45 0.72 0.00	60.58 1.88 0.00	59.50 2.29 0.00	47.17 1.86 0.00	41.12 1.58 0.00	37.45 1.30 0.00	34.27 1.16 0.00
G.F.CEMENT___DRP 24184	38.06 0.89 0.00	35.25 0.99 0.00	33.65 1.04 0.00	32.99 1.08 0.00	33.52 1.10 0.00	38.07 1.32 0.00	57.51 2.11 0.00	71.91 2.57 0.00	47.15 1.15 0.00	35.56 0.59 0.00	30.84 0.12 -0.10	31.23 0.55 0.00	28.49 0.36 -0.60	26.28 0.37 -0.99	26.60 0.42 -1.52	29.36 0.64 -2.26	34.39 0.49 -1.26	48.92 1.19 0.00	60.34 1.64 0.00	59.33 2.12 0.00	47.04 1.72 0.00	40.96 1.42 0.00	37.49 1.34 0.00	34.37 1.26 0.00
GARDENVILLE___LBMP 24039	37.50 0.33 0.00	34.74 0.48 0.00	33.13 0.52 0.00	32.42 0.51 0.00	33.17 0.75 0.00	36.53 -0.22 0.00	53.64 -1.77 0.00	65.95 -3.40 0.00	45.36 -0.64 0.00	33.99 -0.98 0.00	29.99 -0.55 0.08	30.06 -0.61 0.00	27.02 -0.06 0.46	24.25 0.07 0.75	23.14 -0.37 1.15	24.17 -0.58 1.71	30.28 -1.40 0.96	45.87 -1.86 0.00	57.17 -1.53 0.00	54.86 -2.35 0.00	42.96 -2.36 0.00	37.20 -2.33 0.00	34.38 -1.77 0.00	32.51 -0.60 0.00
GARDNVLA_35_KV_LD 355827	37.69 0.52 0.00	34.91 0.65 0.00	33.32 0.72 0.00	32.61 0.70 0.00	33.36 0.94 0.00	36.75 0.00 0.00	54.02 -1.39 0.00	66.43 -2.91 0.00	45.72 -0.28 0.00	34.34 -0.63 0.00	30.27 -0.28 0.07	30.34 -0.34 0.00	27.28 0.19 0.45	24.49 0.30 0.73	23.39 -0.15 1.13	24.45 -0.34 1.67	30.56 -1.14 0.94	46.20 -1.53 0.00	57.58 -1.12 0.00	55.27 -1.95 0.00	43.23 -2.08 0.00	37.44 -2.10 0.00	34.63 -1.52 0.00	32.71 -0.40 0.00
GELCKHM___115KV_LOAD 80723	36.65 -0.52 0.00	33.81 -0.45 0.00	32.18 -0.42 0.00	31.49 -0.41 0.00	32.03 -0.39 0.00	36.20 -0.55 0.00	54.69 -0.72 0.00	68.37 -0.97 0.00	45.49 -0.51 0.00	34.48 -0.49 0.00	30.16 -0.46 0.00	30.18 -0.49 0.00	27.15 -0.39 0.00	24.55 -0.37 0.00	24.32 -0.35 0.00	26.07 -0.40 0.00	32.09 -0.55 0.00	46.97 -0.76 0.00	58.00 -0.70 0.00	56.41 -0.80 0.00	44.68 -0.63 0.00	38.98 -0.55 0.00	35.57 -0.58 0.00	32.68 -0.43 0.00
GENERAL___MILLS 23808	37.58 0.41 0.00	34.81 0.55 0.00	33.22 0.62 0.00	32.54 0.64 0.00	33.26 0.84 0.00	36.64 -0.11 0.00	53.80 -1.61 0.00	66.16 -3.19 0.00	45.54 -0.46 0.00	34.16 -0.80 0.00	30.15 -0.40 0.07	30.21 -0.46 0.00	27.17 0.08 0.45	24.39 0.20 0.73	23.29 -0.25 1.13	24.34 -0.45 1.68	30.43 -1.27 0.94	46.01 -1.72 0.00	57.35 -1.35 0.00	55.04 -2.17 0.00	43.05 -2.27 0.00	37.32 -2.21 0.00	34.52 -1.63 0.00	32.65 -0.46 0.00
GE_PLASTICS___DRP 24183	37.39 0.22 0.00	34.50 0.24 0.00	32.86 0.26 0.00	32.19 0.29 0.00	32.68 0.26 0.00	37.15 0.40 0.00	55.91 0.50 0.00	70.04 0.69 0.00	46.46 0.46 0.00	35.42 0.45 0.00	31.13 0.40 -0.11	31.01 0.34 0.00	28.50 0.28 -0.69	26.32 0.27 -1.12	26.69 0.30 -1.73	29.42 0.37 -2.58	34.60 0.52 -1.43	48.26 0.53 0.00	59.17 0.47 0.00	57.84 0.63 0.00	45.90 0.59 0.00	40.17 0.63 0.00	36.87 0.72 0.00	33.70 0.60 0.00
GILBOA___1 23756	37.65 0.48 0.00	34.67 0.41 0.00	33.03 0.42 0.00	32.35 0.45 0.00	32.84 0.42 0.00	37.30 0.55 0.00	56.13 0.72 0.00	70.39 1.04 0.00	46.78 0.78 0.00	35.70 0.74 0.00	31.33 0.70 0.00	31.38 0.71 0.00	28.14 0.60 0.00	25.50 0.57 0.00	25.23 0.57 0.00	27.08 0.61 0.00	33.46 0.82 0.00	48.54 0.81 0.00	59.29 0.59 0.00	57.90 0.69 0.00	46.13 0.82 0.00	40.41 0.87 0.00	36.98 0.83 0.00	33.84 0.73 0.00
GILBOA___2 23757	37.65 0.48 0.00	34.67 0.41 0.00	33.03 0.42 0.00	32.35 0.45 0.00	32.84 0.42 0.00	37.30 0.55 0.00	56.13 0.72 0.00	70.39 1.04 0.00	46.78 0.78 0.00	35.70 0.74 0.00	31.33 0.70 0.00	31.38 0.71 0.00	28.14 0.60 0.00	25.50 0.57 0.00	25.23 0.57 0.00	27.08 0.61 0.00	33.46 0.82 0.00	48.54 0.81 0.00	59.29 0.59 0.00	57.90 0.69 0.00	46.13 0.82 0.00	40.41 0.87 0.00	36.98 0.83 0.00	33.84 0.73 0.00
GILBOA___3 23758	37.65 0.48 0.00	34.67 0.41 0.00	33.03 0.42 0.00	32.35 0.45 0.00	32.84 0.42 0.00	37.30 0.55 0.00	56.13 0.72 0.00	70.39 1.04 0.00	46.78 0.78 0.00	35.70 0.74 0.00	31.33 0.70 0.00	31.38 0.71 0.00	28.14 0.60 0.00	25.50 0.57 0.00	25.23 0.57 0.00	27.08 0.61 0.00	33.46 0.82 0.00	48.54 0.81 0.00	59.29 0.59 0.00	57.90 0.69 0.00	46.13 0.82 0.00	40.41 0.87 0.00	36.98 0.83 0.00	33.84 0.73 0.00
GILBOA___4 23759	37.65 0.48 0.00	34.67 0.41 0.00	33.03 0.42 0.00	32.35 0.45 0.00	32.84 0.42 0.00	37.30 0.55 0.00	56.13 0.72 0.00	70.39 1.04 0.00	46.78 0.78 0.00	35.70 0.74 0.00	31.33 0.70 0.00	31.38 0.71 0.00	28.14 0.60 0.00	25.50 0.57 0.00	25.23 0.57 0.00	27.08 0.61 0.00	33.46 0.82 0.00	48.54 0.81 0.00	59.29 0.59 0.00	57.90 0.69 0.00	46.13 0.82 0.00	40.41 0.87 0.00	36.98 0.83 0.00	33.84 0.73 0.00

GILBOA____ 23599	37.65 0.48 0.00	34.67 0.41 0.00	33.03 0.42 0.00	32.35 0.45 0.00	32.84 0.42 0.00	37.30 0.55 0.00	56.13 0.72 0.00	70.39 1.04 0.00	46.78 0.78 0.00	35.70 0.73 0.00	31.36 0.73 0.00	31.35 0.67 0.00	28.14 0.61 0.00	25.50 0.57 0.00	25.23 0.57 0.00	27.10 0.64 0.00	33.46 0.82 0.00	48.54 0.81 0.00	59.29 0.59 0.00	57.90 0.69 0.00	46.13 0.82 0.00	40.41 0.87 0.00	36.98 0.83 0.00	33.84 0.73 0.00
GINNA____ 23603	35.68 -1.49 0.00	33.09 -1.16 0.00	31.43 -1.17 0.00	30.73 -1.18 0.00	31.41 -1.01 0.00	35.31 -1.43 0.00	52.59 -2.82 0.00	65.32 -4.02 0.00	44.20 -1.79 0.00	33.22 -1.75 0.00	29.15 -1.47 0.00	29.29 -1.38 0.00	26.43 -1.10 0.00	23.70 -1.22 0.00	23.31 -1.36 0.00	25.09 -1.38 0.00	30.72 -1.93 0.00	45.11 -2.63 0.00	55.71 -2.99 0.00	54.23 -2.98 0.00	42.78 -2.54 0.00	37.17 -2.37 0.00	33.94 -2.21 0.00	31.35 -1.76 0.00
GLEN PARK____ 23778	38.47 1.30 0.00	35.25 0.99 0.00	33.38 0.78 0.00	32.70 0.80 0.00	33.33 0.91 0.00	37.81 1.07 0.00	58.07 2.66 0.00	72.95 3.60 0.00	47.10 1.10 0.00	35.07 0.11 0.00	30.47 -0.15 0.00	30.34 -0.34 0.00	27.26 -0.28 0.00	24.65 -0.27 0.00	24.37 -0.29 0.00	26.18 -0.29 0.00	32.42 -0.23 0.00	48.35 0.62 0.00	60.81 2.11 0.00	59.21 2.00 0.00	46.72 1.41 0.00	40.53 0.99 0.00	36.76 0.61 0.00	33.67 0.56 0.00
GLENDALE_27_KV_LOAD 356172	38.88 1.71 -0.01	35.67 1.40 -0.01	33.98 1.37 -0.01	33.25 1.34 -0.01	33.72 1.30 -0.01	38.22 1.47 0.00	56.90 1.50 0.01	71.91 2.57 0.00	48.02 2.02 0.00	37.32 2.34 -0.01	33.28 2.24 -0.42	32.82 2.15 0.00	32.13 2.07 -2.54	30.94 1.87 -4.14	32.86 1.83 -6.37	37.91 1.96 -9.48	40.41 2.48 -5.28	50.07 2.34 0.00	60.93 2.23 0.00	59.43 2.23 0.01	47.31 1.99 0.00	41.83 2.29 0.00	38.36 2.21 0.00	35.03 1.92 0.00
GLENWOOD_IC_1_G5 23712	38.21 1.04 0.00	35.04 0.79 0.00	33.38 0.78 0.00	32.70 0.80 0.00	33.16 0.75 0.00	37.66 0.92 0.00	52.49 0.78 3.69	63.78 1.53 7.09	46.85 1.52 0.67	36.61 1.64 0.00	32.88 1.84 -0.42	32.39 1.72 0.00	31.68 1.62 -2.52	30.57 1.52 -4.13	32.50 1.48 -6.36	37.55 1.61 -9.46	39.93 2.02 -5.26	49.30 1.58 0.00	60.22 1.53 0.00	58.92 1.72 0.00	47.03 1.72 0.00	41.47 1.94 0.00	37.85 1.70 0.00	34.50 1.39 0.00
GLENWOOD_IC_2_G1 23688	38.21 1.04 0.00	35.08 0.82 0.00	33.42 0.82 0.00	32.73 0.83 0.00	33.17 0.75 0.00	37.70 0.95 0.00	55.61 1.17 0.97	69.50 2.01 1.86	47.51 1.52 0.01	36.61 1.64 0.00	32.82 1.78 -0.42	32.39 1.72 0.00	31.62 1.57 -2.52	30.52 1.47 -4.13	32.45 1.43 -6.36	37.47 1.53 -9.46	39.83 1.93 -5.26	49.54 1.81 0.00	60.58 1.88 0.00	59.21 2.00 0.00	46.94 1.63 0.00	41.39 1.86 0.00	37.89 1.74 0.00	34.50 1.39 0.00
GLENWOOD_IC_3_G1 23689	38.21 1.04 0.00	35.08 0.82 0.00	33.42 0.82 0.00	32.73 0.83 0.00	33.17 0.75 0.00	37.70 0.95 0.00	55.61 1.17 0.97	69.50 2.01 1.86	47.51 1.52 0.01	36.61 1.64 0.00	32.82 1.78 -0.42	32.39 1.72 0.00	31.62 1.57 -2.52	30.52 1.47 -4.13	32.45 1.43 -6.36	37.47 1.53 -9.46	39.83 1.93 -5.26	49.54 1.81 0.00	60.58 1.88 0.00	59.21 2.00 0.00	46.94 1.63 0.00	41.39 1.86 0.00	37.89 1.74 0.00	34.50 1.39 0.00
GLENWOOD____4 23550	38.21 1.04 0.00	35.04 0.79 0.00	33.38 0.78 0.00	32.70 0.80 0.00	33.16 0.75 0.00	37.66 0.92 0.00	52.66 0.94 3.69	63.99 1.73 7.09	46.85 1.52 0.67	36.61 1.64 0.00	32.88 1.84 -0.42	32.39 1.72 0.00	31.68 1.62 -2.52	30.57 1.52 -4.13	32.50 1.48 -6.36	37.55 1.61 -9.46	39.93 2.02 -5.26	49.45 1.72 0.00	60.40 1.70 0.00	59.04 1.83 0.00	47.03 1.72 0.00	41.47 1.94 0.00	37.85 1.70 0.00	34.50 1.39 0.00
GLENWOOD____5 23614	38.21 1.04 0.00	35.04 0.79 0.00	33.38 0.78 0.00	32.70 0.80 0.00	33.16 0.75 0.00	37.66 0.92 0.00	52.66 0.94 3.69	63.99 1.73 7.09	46.85 1.52 0.67	36.61 1.64 0.00	32.88 1.84 -0.42	32.39 1.72 0.00	31.68 1.62 -2.52	30.57 1.52 -4.13	32.50 1.48 -6.36	37.55 1.61 -9.46	39.93 2.02 -5.26	49.45 1.72 0.00	60.40 1.70 0.00	59.04 1.83 0.00	47.03 1.72 0.00	41.47 1.94 0.00	37.85 1.70 0.00	34.50 1.39 0.00
GLOBAL GREEN_PORT_GT1 23814	37.42 0.30 0.04	28.04 0.14 6.35	28.06 0.23 4.78	28.13 0.29 4.06	28.14 0.23 4.51	37.10 0.40 0.05	44.79 0.55 11.17	49.37 1.46 21.44	44.98 1.06 2.07	32.65 1.29 3.61	32.78 1.74 -0.42	32.30 1.62 0.00	31.57 1.51 -2.52	30.52 1.47 -4.13	32.50 1.48 -6.36	37.63 1.70 -9.46	40.03 2.12 -5.26	49.82 2.10 0.01	60.69 2.00 0.01	59.55 2.35 0.01	47.21 1.90 0.01	41.63 2.09 0.00	37.96 1.81 0.00	34.33 1.23 0.01
GLOBE____DSASP 323697	36.65 -0.52 0.00	34.74 0.48 0.00	33.16 0.55 0.00	31.87 -0.03 0.00	32.65 0.23 0.00	36.08 -0.66 0.00	52.08 -3.32 0.00	63.80 -5.55 0.00	44.11 -1.89 0.00	33.22 -1.75 0.00	29.36 -1.19 0.07	29.42 -1.26 0.00	26.45 -0.66 0.42	23.79 -0.45 0.69	22.72 -0.86 1.08	23.72 -1.16 1.58	29.54 -2.22 0.89	44.39 -3.34 0.00	55.18 -3.52 0.00	53.09 -4.12 0.00	41.64 -3.67 0.00	36.22 -3.32 0.00	33.71 -2.42 0.02	31.92 -1.19 0.00
GOETHSLN____LBMP 323567	38.36 1.19 0.00	35.18 0.92 0.00	33.52 0.91 0.00	32.80 0.89 0.00	33.26 0.84 0.00	37.77 1.03 0.01	56.63 1.22 0.00	71.56 2.22 0.00	47.66 1.66 0.00	36.86 1.89 0.00	32.94 1.90 -0.42	32.45 1.78 0.00	31.77 1.71 -2.53	30.61 1.55 -4.14	32.54 1.50 -6.37	37.57 1.61 -9.49	39.95 2.02 -5.28	49.59 1.86 0.00	60.58 1.88 0.00	59.10 1.89 0.00	46.95 1.63 0.00	41.43 1.90 0.00	37.89 1.74 0.00	34.57 1.46 0.00
GOLAH____69_KV_TB 1_2 80279	37.72 0.56 0.00	35.01 0.75 0.00	33.29 0.68 0.00	32.54 0.64 0.00	33.29 0.88 0.00	37.15 0.40 0.00	55.08 -0.33 0.00	68.10 -1.25 0.00	46.23 0.23 0.00	34.72 -0.24 0.06	30.41 -0.15 0.00	30.55 -0.12 0.00	27.33 0.14 0.34	24.54 0.17 0.56	23.71 -0.10 0.86	24.90 -0.29 1.28	31.18 -0.75 0.72	46.82 -0.91 0.00	58.05 -0.65 0.00	56.41 -0.80 0.00	44.41 -0.91 0.00	38.59 -0.95 0.00	35.43 -0.72 0.00	33.04 -0.07 0.00
GOODYEAR_LAKE_HYD 323669	38.02 0.85 0.00	34.91 0.65 0.00	33.22 0.62 0.00	32.54 0.64 0.00	33.10 0.68 0.00	37.55 0.81 0.00	56.96 1.55 0.00	71.43 2.08 0.00	46.92 0.92 0.00	35.42 0.45 0.13	30.79 0.31 0.00	30.86 0.18 0.00	26.95 0.22 0.80	23.79 0.17 1.31	22.82 0.17 2.02	23.70 0.24 3.01	31.39 0.39 1.65	48.59 0.86 0.00	60.17 1.47 0.00	58.70 1.49 0.00	46.49 1.18 0.00	40.56 1.03 0.00	36.98 0.83 0.00	33.87 0.76 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.39 0.22 0.00	34.46 0.21 0.00	32.86 0.26 0.00	32.16 0.26 0.00	32.71 0.29 0.00	36.86 0.11 0.00	55.46 0.06 0.00	69.14 -0.21 0.00	46.23 0.23 0.00	34.93 -0.03 0.00	30.52 0.03 0.13	30.67 0.00 0.00	26.91 0.14 0.76	23.83 0.15 1.25	22.79 0.05 1.92	23.63 0.03 2.86	30.87 -0.16 1.61	47.64 -0.10 0.00	59.05 0.35 0.00	57.32 0.11 0.00	45.31 0.00 0.00	39.50 -0.04 0.00	36.08 -0.07 0.00	33.27 0.17 0.00

GOUDEY___7 23579	37.39 0.22 0.00	34.46 0.21 0.00	32.86 0.26 0.00	32.16 0.26 0.00	32.71 0.29 0.00	36.86 0.11 0.00	55.46 0.06 0.00	69.14 -0.21 0.00	46.23 0.23 0.00	34.93 -0.03 0.00	30.52 0.03 0.13	30.67 0.00 0.00	26.91 0.14 0.76	23.83 0.15 1.25	22.79 0.05 1.92	23.63 0.03 2.86	30.87 -0.16 1.61	47.64 -0.10 0.00	59.05 0.35 0.00	57.32 0.11 0.00	45.31 0.00 0.00	39.50 -0.04 0.00	36.08 -0.07 0.00	33.27 0.17 0.00
GOUDEY___8 23580	37.39 0.22 0.00	34.46 0.21 0.00	32.86 0.26 0.00	32.16 0.26 0.00	32.71 0.29 0.00	36.86 0.11 0.00	55.46 0.06 0.00	69.14 -0.21 0.00	46.23 0.23 0.00	34.93 -0.03 0.00	30.52 0.03 0.13	30.67 0.00 0.00	26.91 0.14 0.76	23.83 0.15 1.25	22.79 0.05 1.92	23.63 0.03 2.86	30.87 -0.16 1.61	47.64 -0.10 0.00	59.05 0.35 0.00	57.32 0.11 0.00	45.31 0.00 0.00	39.50 -0.04 0.00	36.08 -0.07 0.00	33.27 0.17 0.00
GOWANUS_GT1_1 24077	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT1_2 24078	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT1_3 24079	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT1_4 24080	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT1_5 24084	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT1_6 24111	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT1_7 24112	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT1_8 24113	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT2_1 24114	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT2_2 24115	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT2_3 24116	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT2_4 24117	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT2_5 24118	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00

GOWANUS_GT2_6 24119	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT2_7 24120	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT2_8 24121	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT3_1 24122	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT3_2 24123	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT3_3 24124	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT3_4 24125	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT3_5 24126	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT3_6 24127	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT3_7 24128	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT3_8 24129	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT4_1 24130	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT4_2 24131	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT4_3 24132	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT4_4 24133	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00

GOWANUS_GT4_5 24134	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT4_6 24135	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT4_7 24136	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GOWANUS_GT4_8 24137	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GREATVRV_69_KV_BK1 356245	37.89 0.74 0.02	31.90 0.55 2.91	30.97 0.55 2.19	30.59 0.54 1.86	30.84 0.49 2.06	37.38 0.66 0.03	44.81 0.00 10.60	49.62 0.62 20.35	44.49 0.46 1.97	34.68 1.36 1.65	32.69 1.65 -0.42	32.15 1.47 0.00	31.43 1.38 -2.52	30.40 1.35 -4.13	32.40 1.38 -6.36	37.49 1.56 -9.46	39.93 2.02 -5.26	49.44 1.72 0.01	60.28 1.58 0.01	59.09 1.89 0.01	46.80 1.50 0.01	41.39 1.86 0.00	37.74 1.59 0.00	34.23 1.13 0.01
GREENBSH_115KV_TB3 55895	37.24 0.07 0.00	34.40 0.14 0.00	32.77 0.16 0.00	32.13 0.22 0.00	32.61 0.19 0.00	37.08 0.33 0.00	55.80 0.39 0.00	69.97 0.62 0.00	46.37 0.37 0.00	35.32 0.35 0.00	31.04 0.31 -0.12	30.89 0.21 0.00	28.40 0.17 -0.70	26.27 0.20 -1.15	26.63 0.20 -1.77	29.39 0.29 -2.63	34.56 0.46 -1.46	48.11 0.38 0.00	58.99 0.29 0.00	57.73 0.51 0.00	45.81 0.50 0.00	40.05 0.51 0.00	36.84 0.69 0.00	33.64 0.53 0.00
GREENDGE_115KV_TB5 80291	37.61 0.45 0.00	34.74 0.48 0.00	33.06 0.46 0.00	32.35 0.45 0.00	33.00 0.58 0.00	37.04 0.29 0.00	55.35 -0.06 0.00	68.79 -0.55 0.00	46.23 0.23 0.00	34.83 -0.14 0.00	30.42 -0.12 0.08	30.49 -0.18 0.00	27.09 0.06 0.50	24.14 0.02 0.81	23.27 -0.15 1.25	24.45 -0.16 1.86	31.21 -0.39 1.04	47.30 -0.43 0.00	58.99 0.29 0.00	57.04 -0.17 0.00	44.95 -0.36 0.00	39.26 -0.28 0.00	35.75 -0.40 0.00	33.11 0.00 0.00
GREENIDGE___3 23582	37.61 0.45 0.00	34.74 0.48 0.00	33.06 0.46 0.00	32.35 0.45 0.00	33.00 0.58 0.00	37.04 0.29 0.00	55.35 -0.06 0.00	68.79 -0.55 0.00	46.23 0.23 0.00	34.83 -0.14 0.00	30.42 -0.12 0.08	30.49 -0.18 0.00	27.09 0.06 0.50	24.14 0.02 0.81	23.27 -0.15 1.25	24.45 -0.16 1.86	31.21 -0.39 1.04	47.30 -0.43 0.00	58.99 0.29 0.00	57.04 -0.17 0.00	44.95 -0.36 0.00	39.26 -0.28 0.00	35.75 -0.40 0.00	33.11 0.00 0.00
GREENIDGE___4 23583	37.61 0.45 0.00	34.74 0.48 0.00	33.09 0.49 0.00	32.35 0.45 0.00	33.00 0.58 0.00	37.08 0.33 0.00	55.35 -0.06 0.00	68.79 -0.56 0.00	46.23 0.23 0.00	34.83 -0.14 0.00	30.45 -0.09 0.08	30.58 -0.09 0.00	27.12 0.08 0.50	24.16 0.05 0.81	23.34 -0.07 1.25	24.50 -0.11 1.86	31.21 -0.39 1.04	47.30 -0.43 0.00	58.99 0.29 0.00	57.04 -0.17 0.00	44.95 -0.36 0.00	39.26 -0.27 0.00	35.75 -0.40 0.00	33.11 0.00 0.00
GREENLWN_69_KV_BK 3 55738	37.58 0.41 -0.01	35.29 0.21 -0.83	33.45 0.23 -0.62	32.66 0.22 -0.53	33.17 0.16 -0.59	37.04 0.29 0.00	44.53 -0.11 10.76	49.03 0.35 20.66	44.37 0.37 2.00	36.52 1.08 -0.47	32.48 1.44 -0.42	31.96 1.29 0.00	31.29 1.24 -2.52	30.25 1.20 -4.13	32.23 1.21 -6.36	37.25 1.32 -9.46	39.54 1.63 -5.26	48.54 0.81 0.01	59.22 0.53 0.01	57.95 0.74 0.01	45.94 0.63 0.01	40.76 1.23 0.00	37.38 1.23 0.00	33.96 0.86 0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00
GRISSOM___SOLAR 323813	38.21 1.04 0.00	35.29 1.03 0.00	33.62 1.01 0.00	32.96 1.05 0.00	33.52 1.10 0.00	38.18 1.43 0.00	57.84 2.44 0.00	72.12 2.78 0.00	46.41 0.41 0.00	34.48 -0.49 0.00	29.61 -1.07 -0.06	29.26 -1.41 0.00	26.51 -1.38 -0.35	24.28 -1.22 -0.57	24.44 -1.11 -0.88	26.91 -0.87 -1.32	32.99 -0.39 -0.74	48.54 0.81 0.00	60.63 1.93 0.00	59.50 2.29 0.00	47.17 1.86 0.00	41.12 1.58 0.00	37.49 1.34 0.00	34.33 1.23 0.00
GROVEVILLE___HYD 323602	38.54 1.38 0.00	35.39 1.13 0.00	33.78 1.17 0.00	33.12 1.21 0.00	33.55 1.13 0.00	38.14 1.40 0.00	57.51 2.11 0.00	72.12 2.77 0.00	47.89 1.89 0.00	36.65 1.68 0.00	32.60 1.59 -0.39	32.15 1.47 0.00	31.21 1.35 -2.33	29.98 1.25 -3.81	31.76 1.23 -5.86	36.60 1.40 -8.73	39.29 1.80 -4.85	49.83 2.10 0.00	61.11 2.41 0.00	59.90 2.69 0.00	47.35 2.04 0.00	41.55 2.02 0.00	38.03 1.88 0.00	34.70 1.59 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.87 -0.30 0.00	34.02 -0.24 0.00	32.34 -0.26 0.00	31.68 -0.22 0.00	32.23 -0.19 0.00	36.42 -0.33 0.00	55.02 -0.39 0.00	68.86 -0.49 0.00	45.82 -0.18 0.00	34.69 -0.28 0.00	30.31 -0.31 0.00	30.34 -0.34 0.00	27.29 -0.25 0.00	24.68 -0.25 0.00	24.44 -0.22 0.00	26.20 -0.26 0.00	32.25 -0.39 0.00	47.25 -0.48 0.00	58.35 -0.35 0.00	56.81 -0.40 0.00	44.95 -0.36 0.00	39.22 -0.32 0.00	35.79 -0.36 0.00	32.84 -0.26 0.00
HAMLTNNY_34_KV_TB 80303	36.98 -0.19 0.00	34.16 -0.10 0.00	32.47 -0.13 0.00	31.81 -0.10 0.00	32.35 -0.06 0.00	36.56 -0.18 0.00	55.19 -0.22 0.00	68.93 -0.42 0.00	45.95 -0.05 0.00	34.76 -0.21 0.00	30.38 -0.24 0.00	30.40 -0.28 0.00	27.37 -0.17 0.00	24.75 -0.17 0.00	24.49 -0.17 0.00	26.26 -0.21 0.00	32.29 -0.36 0.00	47.35 -0.38 0.00	58.52 -0.18 0.00	56.92 -0.29 0.00	45.04 -0.27 0.00	39.26 -0.28 0.00	35.83 -0.33 0.00	32.91 -0.20 0.00

HAMPSHIRE___PAPER_HYD 323593	38.17 1.00 0.00	35.12 0.86 0.00	33.29 0.69 0.00	32.54 0.64 0.00	33.13 0.71 0.00	37.52 0.77 0.00	57.24 1.83 0.00	71.70 2.36 0.00	46.69 0.69 0.00	35.14 0.18 0.00	30.62 0.00 0.00	30.64 -0.03 0.00	27.48 -0.05 0.00	24.85 -0.07 0.00	24.52 -0.15 0.00	26.31 -0.16 0.00	32.45 -0.19 0.00	48.07 0.34 0.00	59.70 1.00 0.00	58.07 0.86 0.00	45.95 0.63 0.00	39.97 0.44 0.00	36.44 0.29 0.00	33.31 0.20 0.00
HARDSCRABBLE_WT_PWR 323673	38.76 1.60 0.00	35.66 1.41 0.00	33.91 1.31 0.00	33.18 1.28 0.00	33.72 1.30 0.00	38.25 1.51 0.00	57.84 2.44 0.00	72.33 2.98 0.00	47.84 1.84 0.00	36.30 1.33 0.00	31.78 1.16 0.00	31.81 1.14 0.00	28.55 1.02 0.00	25.85 0.92 0.00	25.55 0.89 0.00	27.42 0.95 0.00	33.85 1.21 0.00	49.50 1.77 0.00	61.05 2.35 0.00	59.44 2.23 0.00	46.99 1.68 0.00	41.04 1.50 0.00	37.52 1.37 0.00	34.40 1.29 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.28 1.11 0.00	35.15 0.89 0.00	33.58 0.98 0.00	32.89 0.99 0.00	33.33 0.91 0.00	37.89 1.14 0.00	57.13 1.72 0.00	71.70 2.36 0.00	47.66 1.66 0.00	36.47 1.50 0.00	32.61 1.47 -0.52	32.05 1.38 0.00	31.97 1.32 -3.12	31.25 1.22 -5.10	33.70 1.18 -7.86	39.49 1.32 -11.69	40.81 1.66 -6.50	49.64 1.91 0.00	60.93 2.23 0.00	59.67 2.46 0.00	47.22 1.90 0.00	41.43 1.90 0.00	37.89 1.74 0.00	34.57 1.46 0.00
HARSNRAD_115KV_TB1 81005	37.61 0.45 0.00	34.70 0.45 0.00	33.13 0.52 0.00	32.61 0.70 0.00	33.39 0.97 0.00	36.42 -0.33 0.00	53.19 -2.22 0.00	65.32 -4.02 0.00	45.08 -0.92 0.00	33.85 -1.12 0.00	29.85 -0.70 0.07	29.94 -0.74 0.00	26.93 -0.19 0.41	24.22 -0.02 0.68	23.15 -0.47 1.04	24.20 -0.71 1.55	30.14 -1.63 0.87	45.39 -2.34 0.00	56.47 -2.23 0.00	54.29 -2.92 0.00	42.55 -2.76 0.00	36.97 -2.57 0.00	34.31 -1.84 0.00	32.68 -0.43 0.00
HARZA MOOSE___RIVER 24016	38.06 0.89 0.00	34.98 0.72 0.00	33.19 0.59 0.00	32.51 0.61 0.00	33.07 0.65 0.00	37.41 0.66 0.00	56.96 1.55 0.00	71.36 2.01 0.00	46.64 0.64 0.00	35.07 0.10 0.00	30.53 -0.09 0.00	30.49 -0.18 0.00	27.40 -0.14 0.00	24.78 -0.15 0.00	24.52 -0.15 0.00	26.34 -0.13 0.00	32.55 -0.10 0.00	48.11 0.38 0.00	59.76 1.06 0.00	58.13 0.92 0.00	45.95 0.63 0.00	39.93 0.40 0.00	36.37 0.22 0.00	33.31 0.20 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.65 -0.52 0.00	33.81 -0.45 0.00	32.18 -0.42 0.00	31.49 -0.41 0.00	32.03 -0.39 0.00	36.20 -0.55 0.00	54.63 -0.78 0.00	68.31 -1.04 0.00	45.49 -0.51 0.00	34.51 -0.45 0.00	30.19 -0.43 0.00	30.21 -0.46 0.00	27.18 -0.36 0.00	24.58 -0.35 0.00	24.34 -0.32 0.00	26.10 -0.37 0.00	32.09 -0.55 0.00	46.97 -0.76 0.00	57.94 -0.76 0.00	56.41 -0.80 0.00	44.64 -0.68 0.00	38.98 -0.55 0.00	35.57 -0.58 0.00	32.68 -0.43 0.00
HELLGATE_13_KV_LD 55870	38.92 1.75 -0.01	35.71 1.44 -0.01	34.01 1.40 -0.01	33.32 1.40 -0.01	33.76 1.33 -0.01	38.22 1.47 0.00	56.84 1.44 0.01	71.91 2.57 0.00	48.02 2.02 0.00	37.35 2.38 -0.01	33.31 2.27 -0.42	32.85 2.18 0.00	32.13 2.07 -2.54	30.96 1.89 -4.14	32.86 1.83 -6.37	37.91 1.96 -9.48	40.41 2.48 -5.28	50.02 2.29 0.00	60.81 2.11 0.00	59.38 2.17 0.01	47.26 1.95 0.00	41.83 2.29 0.00	38.36 2.21 0.00	35.06 1.95 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.92 1.75 -0.01	35.71 1.44 -0.01	34.01 1.40 -0.01	33.32 1.40 -0.01	33.76 1.33 -0.01	38.22 1.47 0.00	56.84 1.44 0.01	71.91 2.57 0.00	48.02 2.02 0.00	37.35 2.38 -0.01	33.31 2.27 -0.42	32.85 2.18 0.00	32.13 2.07 -2.54	30.96 1.89 -4.14	32.86 1.83 -6.37	37.91 1.96 -9.48	40.41 2.48 -5.28	50.02 2.29 0.00	60.81 2.11 0.00	59.38 2.17 0.01	47.26 1.95 0.00	41.83 2.29 0.00	38.36 2.21 0.00	35.06 1.95 0.00
HEMPSTEAD___ 23647	37.72 0.56 0.00	34.63 0.38 0.01	32.99 0.39 0.01	32.31 0.41 0.01	32.74 0.32 0.01	37.18 0.44 0.01	50.37 0.39 5.43	59.97 1.04 10.42	45.92 0.92 1.00	36.19 1.22 0.01	32.57 1.53 -0.42	32.15 1.47 0.00	31.40 1.35 -2.52	30.32 1.27 -4.13	32.30 1.28 -6.36	37.28 1.35 -9.46	39.60 1.70 -5.26	49.02 1.29 0.01	59.87 1.17 0.01	58.58 1.37 0.01	46.44 1.13 0.01	41.00 1.46 0.00	37.52 1.37 0.00	34.10 0.99 0.01
HICKLING___1 23621	37.54 0.37 0.00	34.67 0.41 0.00	33.06 0.46 0.00	32.35 0.45 0.00	32.97 0.55 0.00	36.89 0.15 0.00	55.24 -0.17 0.00	68.44 -0.90 0.00	46.18 0.18 0.00	34.62 -0.35 0.00	30.30 -0.21 0.10	30.43 -0.25 0.00	27.00 0.08 0.62	23.99 0.07 1.01	22.94 -0.17 1.55	23.97 -0.19 2.31	30.72 -0.62 1.30	47.25 -0.48 0.00	59.11 0.41 0.00	57.04 -0.17 0.00	44.91 -0.41 0.00	38.98 -0.55 0.00	35.57 -0.58 0.00	33.08 -0.03 0.00
HICKLING___2 23622	37.54 0.37 0.00	34.67 0.41 0.00	33.06 0.46 0.00	32.35 0.45 0.00	32.97 0.55 0.00	36.89 0.15 0.00	55.24 -0.17 0.00	68.44 -0.90 0.00	46.18 0.18 0.00	34.62 -0.35 0.00	30.30 -0.21 0.10	30.43 -0.25 0.00	27.00 0.08 0.62	23.99 0.07 1.01	22.94 -0.17 1.55	23.97 -0.19 2.31	30.72 -0.62 1.30	47.25 -0.48 0.00	59.11 0.41 0.00	57.04 -0.17 0.00	44.91 -0.41 0.00	38.98 -0.55 0.00	35.57 -0.58 0.00	33.08 -0.03 0.00
HIGH FALLS___HY 23754	38.65 1.49 0.00	35.46 1.20 0.00	33.84 1.24 0.00	33.18 1.28 0.00	33.62 1.20 0.00	38.18 1.43 0.00	57.68 2.27 0.00	72.33 2.98 0.00	48.02 2.02 0.00	36.72 1.75 0.00	32.46 1.65 -0.19	32.24 1.56 0.00	30.13 1.46 -1.14	28.13 1.35 -1.86	28.86 1.33 -2.86	32.21 1.48 -4.26	36.94 1.93 -2.37	50.07 2.34 0.00	61.46 2.76 0.00	60.24 3.03 0.00	47.58 2.27 0.00	41.75 2.21 0.00	38.14 1.99 0.00	34.76 1.66 0.00
HIGH_RIVER___SOLAR 323847	38.06 0.89 0.00	35.15 0.89 0.00	33.48 0.88 0.00	32.83 0.93 0.00	33.36 0.94 0.00	37.96 1.21 0.00	57.46 2.05 0.00	71.56 2.22 0.00	46.14 0.14 0.00	34.58 -0.38 0.00	29.95 -0.74 -0.06	29.75 -0.92 0.00	27.01 -0.91 -0.38	24.76 -0.80 -0.63	24.89 -0.74 -0.97	27.31 -0.61 -1.44	33.13 -0.33 -0.81	48.35 0.62 0.00	60.34 1.64 0.00	59.21 2.00 0.00	46.94 1.63 0.00	40.92 1.38 0.00	37.34 1.19 0.00	34.17 1.06 0.00
HILLBURN___GT 23639	38.24 1.08 0.00	35.12 0.86 0.00	33.52 0.91 0.00	32.83 0.93 0.00	33.26 0.84 0.00	37.81 1.07 0.00	56.96 1.55 0.00	71.63 2.29 0.00	47.65 1.65 0.00	36.58 1.61 0.00	32.87 1.62 -0.63	32.27 1.59 0.00	32.76 1.46 -3.77	32.44 1.35 -6.17	35.48 1.31 -9.51	42.05 1.43 -14.15	42.27 1.76 -7.86	49.64 1.91 0.00	60.87 2.17 0.00	59.56 2.35 0.00	47.17 1.86 0.00	41.47 1.94 0.00	37.89 1.74 0.00	34.56 1.46 0.00
HILLSIDE_115KV_TB1 80332	37.09 -0.07 0.00	34.22 -0.03 0.00	32.67 0.07 0.00	31.97 0.06 0.00	32.55 0.13 0.00	36.49 -0.26 0.00	54.63 -0.78 0.00	67.75 -1.59 0.00	45.63 -0.37 0.00	34.27 -0.70 0.00	30.06 -0.46 0.11	30.18 -0.49 0.00	26.73 -0.17 0.64	23.76 -0.12 1.04	22.72 -0.35 1.60	23.69 -0.40 2.38	30.45 -0.85 1.35	46.82 -0.91 0.00	58.41 -0.29 0.00	56.47 -0.74 0.00	44.50 -0.82 0.00	38.67 -0.87 0.00	35.32 -0.83 0.00	32.81 -0.30 0.00

HISHELDN_WT_PWR 323625	37.43 0.26 0.00	34.57 0.31 0.00	32.93 0.33 0.00	32.13 0.22 0.00	32.87 0.45 0.00	36.41 -0.33 0.00	53.53 -1.88 0.00	65.88 -3.47 0.00	45.08 -0.92 0.00	33.78 -1.19 0.00	29.84 -0.70 0.08	29.97 -0.70 0.00	26.84 -0.22 0.48	24.02 -0.12 0.78	23.02 -0.44 1.20	23.97 -0.71 1.78	30.14 -1.50 1.00	45.87 -1.86 0.00	57.29 -1.41 0.00	54.98 -2.23 0.00	43.01 -2.31 0.00	37.28 -2.25 0.00	34.20 -1.95 0.00	32.28 -0.83 0.00
HOLTSVILLE_IC_1 23690	37.16 0.04 0.04	27.74 -0.14 6.38	27.71 -0.10 4.79	27.76 -0.06 4.08	27.73 -0.16 4.52	36.62 -0.07 0.05	43.82 -0.39 11.20	47.98 0.14 21.50	44.10 0.18 2.08	32.11 0.77 3.63	32.20 1.16 -0.42	31.75 1.07 0.00	31.07 1.02 -2.52	30.07 1.02 -4.13	32.03 1.01 -6.36	37.07 1.14 -9.46	39.38 1.47 -5.26	48.63 0.90 0.01	59.16 0.47 0.01	58.00 0.80 0.01	45.99 0.68 0.01	40.64 1.11 0.00	37.20 1.05 0.00	33.70 0.60 0.01
HOLTSVILLE_IC_10 23699	37.31 0.19 0.04	28.12 0.00 6.14	28.02 0.03 4.61	28.04 0.06 3.93	28.03 -0.03 4.35	36.77 0.07 0.05	44.19 -0.17 11.06	48.54 0.42 21.22	44.27 0.32 2.05	32.35 0.87 3.49	32.33 1.29 -0.42	31.87 1.20 0.00	31.16 1.10 -2.52	30.17 1.12 -4.13	32.13 1.11 -6.36	37.17 1.24 -9.46	39.54 1.63 -5.26	48.87 1.14 0.01	59.51 0.82 0.01	58.29 1.08 0.01	46.21 0.91 0.01	40.84 1.30 0.00	37.38 1.23 0.00	33.83 0.73 0.01
HOLTSVILLE_IC_2 23691	37.16 0.04 0.04	27.74 -0.14 6.38	27.71 -0.10 4.79	27.76 -0.06 4.08	27.73 -0.16 4.52	36.62 -0.07 0.05	43.82 -0.39 11.20	47.98 0.14 21.50	44.10 0.18 2.08	32.11 0.77 3.63	32.20 1.16 -0.42	31.75 1.07 0.00	31.07 1.02 -2.52	30.07 1.02 -4.13	32.03 1.01 -6.36	37.07 1.14 -9.46	39.38 1.47 -5.26	48.63 0.90 0.01	59.16 0.47 0.01	58.00 0.80 0.01	45.99 0.68 0.01	40.64 1.11 0.00	37.20 1.05 0.00	33.70 0.60 0.01
HOLTSVILLE_IC_3 23692	37.16 0.04 0.04	27.74 -0.14 6.38	27.71 -0.10 4.79	27.76 -0.06 4.08	27.73 -0.16 4.52	36.62 -0.07 0.05	43.82 -0.39 11.20	47.98 0.14 21.50	44.10 0.18 2.08	32.11 0.77 3.63	32.20 1.16 -0.42	31.75 1.07 0.00	31.07 1.02 -2.52	30.07 1.02 -4.13	32.03 1.01 -6.36	37.07 1.14 -9.46	39.38 1.47 -5.26	48.63 0.90 0.01	59.16 0.47 0.01	58.00 0.80 0.01	45.99 0.68 0.01	40.64 1.11 0.00	37.20 1.05 0.00	33.70 0.60 0.01
HOLTSVILLE_IC_4 23693	37.16 0.04 0.04	27.74 -0.14 6.38	27.71 -0.10 4.79	27.76 -0.06 4.08	27.73 -0.16 4.52	36.62 -0.07 0.05	43.82 -0.39 11.20	47.98 0.14 21.50	44.10 0.18 2.08	32.11 0.77 3.63	32.20 1.16 -0.42	31.75 1.07 0.00	31.07 1.02 -2.52	30.07 1.02 -4.13	32.03 1.01 -6.36	37.07 1.14 -9.46	39.38 1.47 -5.26	48.63 0.90 0.01	59.16 0.47 0.01	58.00 0.80 0.01	45.99 0.68 0.01	40.64 1.11 0.00	37.20 1.05 0.00	33.70 0.60 0.01
HOLTSVILLE_IC_5 23694	37.16 0.04 0.04	27.74 -0.14 6.38	27.71 -0.10 4.79	27.76 -0.06 4.08	27.73 -0.16 4.52	36.62 -0.07 0.05	43.82 -0.39 11.20	47.98 0.14 21.50	44.10 0.18 2.08	32.11 0.77 3.63	32.20 1.16 -0.42	31.75 1.07 0.00	31.07 1.02 -2.52	30.07 1.02 -4.13	32.03 1.01 -6.36	37.07 1.14 -9.46	39.38 1.47 -5.26	48.63 0.90 0.01	59.16 0.47 0.01	58.00 0.80 0.01	45.99 0.68 0.01	40.64 1.11 0.00	37.20 1.05 0.00	33.70 0.60 0.01
HOLTSVILLE_IC_6 23695	37.31 0.19 0.04	28.12 0.00 6.14	28.02 0.03 4.61	28.04 0.06 3.93	28.03 -0.03 4.35	36.77 0.07 0.05	44.19 -0.17 11.06	48.54 0.42 21.22	44.27 0.32 2.05	32.35 0.87 3.49	32.33 1.29 -0.42	31.87 1.20 0.00	31.16 1.10 -2.52	30.17 1.12 -4.13	32.13 1.11 -6.36	37.17 1.24 -9.46	39.54 1.63 -5.26	48.87 1.14 0.01	59.51 0.82 0.01	58.29 1.08 0.01	46.21 0.91 0.01	40.84 1.30 0.00	37.38 1.23 0.00	33.83 0.73 0.01
HOLTSVILLE_IC_7 23696	37.31 0.19 0.04	28.12 0.00 6.14	28.02 0.03 4.61	28.04 0.06 3.93	28.03 -0.03 4.35	36.77 0.07 0.05	44.19 -0.17 11.06	48.54 0.42 21.22	44.27 0.32 2.05	32.35 0.87 3.49	32.33 1.29 -0.42	31.87 1.20 0.00	31.16 1.10 -2.52	30.17 1.12 -4.13	32.13 1.11 -6.36	37.17 1.24 -9.46	39.54 1.63 -5.26	48.87 1.14 0.01	59.51 0.82 0.01	58.29 1.08 0.01	46.21 0.91 0.01	40.84 1.30 0.00	37.38 1.23 0.00	33.83 0.73 0.01
HOLTSVILLE_IC_8 23697	37.31 0.19 0.04	28.12 0.00 6.14	28.02 0.03 4.61	28.04 0.06 3.93	28.03 -0.03 4.35	36.77 0.07 0.05	44.19 -0.17 11.06	48.54 0.42 21.22	44.27 0.32 2.05	32.35 0.87 3.49	32.33 1.29 -0.42	31.87 1.20 0.00	31.16 1.10 -2.52	30.17 1.12 -4.13	32.13 1.11 -6.36	37.17 1.24 -9.46	39.54 1.63 -5.26	48.87 1.14 0.01	59.51 0.82 0.01	58.29 1.08 0.01	46.21 0.91 0.01	40.84 1.30 0.00	37.38 1.23 0.00	33.83 0.73 0.01
HOLTSVILLE_IC_9 23698	37.31 0.19 0.04	28.12 0.00 6.14	28.02 0.03 4.61	28.04 0.06 3.93	28.03 -0.03 4.35	36.77 0.07 0.05	44.19 -0.17 11.06	48.54 0.42 21.22	44.27 0.32 2.05	32.35 0.87 3.49	32.33 1.29 -0.42	31.87 1.20 0.00	31.16 1.10 -2.52	30.17 1.12 -4.13	32.13 1.11 -6.36	37.17 1.24 -9.46	39.54 1.63 -5.26	48.87 1.14 0.01	59.51 0.82 0.01	58.29 1.08 0.01	46.21 0.91 0.01	40.84 1.30 0.00	37.38 1.23 0.00	33.83 0.73 0.01
HOMER_HL_115KV_TB2 355744	36.98 -0.19 0.00	34.16 -0.10 0.00	32.70 0.10 0.00	32.03 0.13 0.00	32.65 0.23 0.00	36.31 -0.44 0.00	54.02 -1.39 0.00	66.64 -2.70 0.00	45.40 -0.60 0.00	33.92 -1.05 0.00	29.90 -0.64 0.08	30.00 -0.67 0.00	26.91 -0.14 0.48	24.08 -0.05 0.79	22.97 -0.47 1.22	24.07 -0.58 1.82	30.12 -1.50 1.02	46.06 -1.67 0.00	57.70 -1.00 0.00	55.32 -1.89 0.00	43.28 -2.04 0.00	37.40 -2.13 0.00	34.34 -1.81 0.00	32.31 -0.79 0.00
HOWARD_WT_PWR 323690	37.69 0.52 0.00	34.70 0.44 0.00	33.00 0.39 0.00	32.19 0.29 0.00	32.78 0.36 0.00	36.53 -0.22 0.00	54.24 -1.17 0.00	66.99 -2.36 0.00	45.40 -0.60 0.00	33.81 -1.15 0.00	29.74 -0.80 0.08	29.85 -0.83 0.00	26.64 -0.39 0.51	23.80 -0.30 0.83	22.85 -0.54 1.27	23.83 -0.74 1.90	30.42 -1.17 1.05	46.73 -1.00 0.00	58.35 -0.35 0.00	55.95 -1.26 0.00	43.77 -1.54 0.00	37.91 -1.62 0.00	34.49 -1.66 0.00	32.22 -0.89 0.00
HQ_GEN_CEDARS 23644	38.02 0.85 0.00	35.08 0.82 0.00	33.32 0.72 0.00	32.54 0.64 0.00	33.07 0.65 0.00	37.55 0.81 0.00	56.79 1.39 0.00	71.01 1.66 0.00	46.74 0.74 0.00	35.53 0.56 0.00	31.11 0.49 0.00	31.26 0.58 0.00	28.00 0.47 0.00	25.30 0.37 0.00	25.01 0.35 0.00	26.84 0.37 0.00	33.14 0.49 0.00	48.69 0.95 0.00	59.99 1.29 0.00	58.35 1.14 0.00	46.18 0.86 0.00	40.13 0.59 0.00	36.66 0.51 0.00	33.51 0.40 0.00
HQ_GEN_CEDARS_PROXY 323590	38.02 0.86 0.00	35.08 0.82 0.00	33.32 0.72 0.00	32.54 0.64 0.00	33.07 0.65 0.00	37.55 0.81 0.00	56.80 1.39 0.00	71.01 1.66 0.00	46.73 0.73 0.00	35.53 0.56 0.00	31.11 0.49 0.00	31.23 0.55 0.00	28.00 0.47 0.00	25.30 0.37 0.00	24.98 0.32 0.00	26.84 0.37 0.00	33.14 0.49 0.00	47.49 0.95 1.19	61.18 1.29 -1.19	58.35 1.14 0.00	46.22 0.91 0.00	40.13 0.59 0.00	36.66 0.51 0.00	33.51 0.40 0.00

HQ_GEN_IMPORT 323601	37.43 0.26 0.00	34.50 0.24 0.00	32.80 0.20 0.00	32.10 0.19 0.00	32.62 0.20 0.00	36.97 0.22 0.00	55.80 0.39 0.00	69.76 0.42 0.00	46.18 0.18 0.00	35.14 0.18 0.00	30.74 0.12 0.00	30.83 0.15 0.00	27.67 0.14 0.00	25.05 0.13 0.00	24.76 0.10 0.00	26.57 0.11 0.00	32.78 0.13 0.00	46.83 0.29 1.19	60.25 0.35 -1.19	57.56 0.35 0.00	45.54 0.23 0.00	39.66 0.12 0.00	36.22 0.07 0.00	33.14 0.03 0.00
HQ_GEN_WHEEL 23651	37.43 0.26 0.00	34.50 0.24 0.00	32.80 0.20 0.00	32.10 0.19 0.00	32.62 0.20 0.00	36.97 0.22 0.00	55.80 0.39 0.00	69.76 0.42 0.00	46.18 0.18 0.00	35.14 0.18 0.00	30.74 0.12 0.00	30.83 0.15 0.00	27.67 0.14 0.00	25.05 0.13 0.00	24.76 0.10 0.00	26.57 0.11 0.00	32.78 0.13 0.00	46.83 0.29 1.19	60.25 0.35 -1.19	57.56 0.35 0.00	45.54 0.23 0.00	39.66 0.12 0.00	36.22 0.07 0.00	33.14 0.03 0.00
HUDSON AVE_GT_3 23810	38.62 1.45 0.00	35.39 1.13 0.00	33.71 1.11 0.00	33.02 1.12 0.00	33.49 1.07 0.00	38.03 1.29 0.00	57.02 1.61 0.00	72.05 2.70 0.00	48.02 2.02 0.00	37.07 2.10 0.00	33.12 2.08 -0.42	32.64 1.96 0.00	31.93 1.87 -2.53	30.76 1.69 -4.14	32.69 1.65 -6.37	37.73 1.77 -9.49	40.18 2.25 -5.28	49.97 2.24 0.00	61.05 2.35 0.00	59.56 2.35 0.00	47.26 1.95 0.00	41.67 2.13 0.00	38.14 1.99 0.00	34.76 1.66 0.00
HUDSON AVE_GT_4 23540	38.62 1.45 0.00	35.39 1.13 0.00	33.71 1.11 0.00	33.02 1.12 0.00	33.49 1.07 0.00	38.03 1.29 0.00	57.02 1.61 0.00	72.05 2.70 0.00	48.02 2.02 0.00	37.07 2.10 0.00	33.12 2.08 -0.42	32.64 1.96 0.00	31.93 1.87 -2.53	30.76 1.69 -4.14	32.69 1.65 -6.37	37.73 1.77 -9.49	40.18 2.25 -5.28	49.97 2.24 0.00	61.05 2.35 0.00	59.56 2.35 0.00	47.26 1.95 0.00	41.67 2.13 0.00	38.14 1.99 0.00	34.76 1.66 0.00
HUDSON AVE_GT_5 23657	38.62 1.45 0.00	35.39 1.13 0.00	33.71 1.11 0.00	33.02 1.12 0.00	33.49 1.07 0.00	38.03 1.29 0.00	57.02 1.61 0.00	72.05 2.70 0.00	48.02 2.02 0.00	37.07 2.10 0.00	33.12 2.08 -0.42	32.64 1.96 0.00	31.93 1.87 -2.53	30.76 1.69 -4.14	32.69 1.65 -6.37	37.73 1.77 -9.49	40.18 2.25 -5.28	49.97 2.24 0.00	61.05 2.35 0.00	59.56 2.35 0.00	47.26 1.95 0.00	41.67 2.13 0.00	38.14 1.99 0.00	34.76 1.66 0.00
HUDSON_AVE_10 24168	38.50 1.34 0.00	35.32 1.06 0.00	33.65 1.04 0.00	32.93 1.02 0.00	33.39 0.97 0.00	37.92 1.18 0.00	56.91 1.50 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.03 2.06 0.00	33.03 1.99 -0.42	32.57 1.90 0.00	31.85 1.79 -2.53	30.71 1.65 -4.14	32.64 1.60 -6.37	37.68 1.72 -9.49	40.11 2.19 -5.28	49.83 2.10 0.00	60.87 2.17 0.00	59.38 2.17 0.00	47.13 1.81 0.00	41.59 2.06 0.00	38.07 1.92 0.00	34.70 1.59 0.00
HUDSON___115KV_TB 4 355613	37.95 0.78 0.00	35.05 0.79 0.00	33.42 0.82 0.00	32.77 0.86 0.00	33.26 0.84 0.00	37.81 1.07 0.00	57.07 1.66 0.00	71.29 1.94 0.00	46.97 0.97 0.00	35.53 0.56 0.00	31.27 0.52 -0.13	30.89 0.21 0.00	28.57 0.28 -0.76	26.44 0.27 -1.24	26.90 0.32 -1.92	29.80 0.48 -2.85	35.05 0.82 -1.59	48.83 1.10 0.00	60.05 1.35 0.00	58.87 1.66 0.00	46.63 1.31 0.00	40.72 1.19 0.00	37.38 1.23 0.00	34.14 1.03 0.00
HUNTER MOUNT___DRP 323613	38.06 0.89 0.00	35.18 0.92 0.00	33.55 0.95 0.00	32.93 1.02 0.00	33.39 0.97 0.00	37.96 1.21 0.00	57.40 1.99 0.00	71.50 2.15 0.00	47.06 1.06 0.00	35.49 0.52 0.00	31.28 0.52 -0.14	30.73 0.06 0.00	28.63 0.25 -0.85	26.59 0.27 -1.39	27.12 0.32 -2.14	30.16 0.50 -3.19	35.30 0.88 -1.77	48.92 1.19 0.00	60.23 1.53 0.00	59.10 1.89 0.00	46.72 1.40 0.00	40.72 1.19 0.00	37.42 1.27 0.00	34.17 1.06 0.00
HUNTINGTON_RES_REC 323705	37.39 0.30 0.08	22.78 0.07 11.54	24.06 0.13 8.67	24.65 0.13 7.38	24.30 0.06 8.19	36.81 0.15 0.08	44.22 -0.22 10.97	48.58 0.28 21.04	44.24 0.28 2.04	29.38 0.98 6.56	32.39 1.35 -0.42	31.93 1.26 0.00	31.21 1.16 -2.52	30.20 1.15 -4.13	32.18 1.16 -6.36	37.23 1.30 -9.46	39.54 1.63 -5.26	48.68 0.95 0.01	59.34 0.65 0.01	58.12 0.91 0.01	46.03 0.72 0.01	40.72 1.18 0.00	37.42 1.26 0.00	33.89 0.79 0.01
HUNTLEY___63 23557	37.58 0.41 0.00	35.05 0.79 0.00	33.45 0.85 0.00	32.61 0.70 0.00	33.36 0.94 0.00	36.67 -0.07 0.00	53.47 -1.94 0.00	65.67 -3.68 0.00	45.36 -0.64 0.00	34.06 -0.91 0.00	30.03 -0.52 0.07	30.09 -0.58 0.00	27.08 -0.03 0.43	24.35 0.12 0.70	23.24 -0.35 1.08	24.29 -0.58 1.60	30.28 -1.47 0.90	45.63 -2.10 0.00	56.82 -1.88 0.00	54.52 -2.69 0.00	42.69 -2.63 0.00	37.05 -2.49 0.00	34.37 -1.77 0.01	32.61 -0.50 0.00
HUNTLEY___64 23558	37.58 0.41 0.00	35.05 0.79 0.00	33.45 0.85 0.00	32.61 0.70 0.00	33.36 0.94 0.00	36.67 -0.07 0.00	53.47 -1.94 0.00	65.67 -3.68 0.00	45.36 -0.64 0.00	34.06 -0.91 0.00	30.03 -0.52 0.07	30.09 -0.58 0.00	27.08 -0.03 0.43	24.35 0.12 0.70	23.24 -0.35 1.08	24.29 -0.58 1.60	30.28 -1.47 0.90	45.63 -2.10 0.00	56.82 -1.88 0.00	54.52 -2.69 0.00	42.69 -2.63 0.00	37.05 -2.49 0.00	34.37 -1.77 0.01	32.61 -0.50 0.00
HUNTLEY___65 23559	37.58 0.41 0.00	35.05 0.79 0.00	33.45 0.85 0.00	32.61 0.70 0.00	33.36 0.94 0.00	36.67 -0.07 0.00	53.47 -1.94 0.00	65.67 -3.68 0.00	45.36 -0.64 0.00	34.06 -0.91 0.00	30.03 -0.52 0.07	30.09 -0.58 0.00	27.08 -0.03 0.43	24.35 0.12 0.70	23.24 -0.35 1.08	24.29 -0.58 1.60	30.28 -1.47 0.90	45.63 -2.10 0.00	56.82 -1.88 0.00	54.52 -2.69 0.00	42.69 -2.63 0.00	37.05 -2.49 0.00	34.37 -1.77 0.01	32.61 -0.50 0.00
HUNTLEY___66 23560	37.58 0.41 0.00	35.05 0.79 0.00	33.45 0.85 0.00	32.61 0.70 0.00	33.36 0.94 0.00	36.67 -0.07 0.00	53.47 -1.94 0.00	65.67 -3.68 0.00	45.36 -0.64 0.00	34.06 -0.91 0.00	30.03 -0.52 0.07	30.09 -0.58 0.00	27.08 -0.03 0.43	24.35 0.12 0.70	23.24 -0.35 1.08	24.29 -0.58 1.60	30.28 -1.47 0.90	45.63 -2.10 0.00	56.82 -1.88 0.00	54.52 -2.69 0.00	42.69 -2.63 0.00	37.05 -2.49 0.00	34.37 -1.77 0.01	32.61 -0.50 0.00
HUNTLEY___67 23561	37.35 0.19 0.00	34.67 0.41 0.00	33.09 0.49 0.00	32.35 0.45 0.00	33.10 0.68 0.00	36.42 -0.33 0.00	53.30 -2.11 0.00	65.39 -3.95 0.00	45.13 -0.87 0.00	33.92 -1.05 0.00	29.94 -0.61 0.07	30.00 -0.67 0.00	26.96 -0.14 0.43	24.24 0.02 0.71	23.15 -0.42 1.09	24.21 -0.64 1.62	30.20 -1.53 0.91	45.49 -2.24 0.00	56.65 -2.05 0.00	54.46 -2.75 0.00	42.69 -2.63 0.00	37.05 -2.49 0.00	34.34 -1.81 0.00	32.51 -0.60 0.00
HUNTLEY___68 23562	37.35 0.19 0.00	34.67 0.41 0.00	33.09 0.49 0.00	32.35 0.45 0.00	33.10 0.68 0.00	36.42 -0.33 0.00	53.30 -2.11 0.00	65.39 -3.95 0.00	45.13 -0.87 0.00	33.92 -1.05 0.00	29.94 -0.61 0.07	30.00 -0.67 0.00	26.96 -0.14 0.43	24.24 0.02 0.71	23.15 -0.42 1.09	24.21 -0.64 1.62	30.20 -1.53 0.91	45.49 -2.24 0.00	56.65 -2.05 0.00	54.46 -2.75 0.00	42.69 -2.63 0.00	37.05 -2.49 0.00	34.34 -1.81 0.00	32.51 -0.60 0.00



HYLAND___LFGE 323620	39.02 1.86 0.00	36.14 1.88 0.00	34.33 1.73 0.00	33.50 1.59 0.00	34.33 1.91 0.00	38.47 1.73 0.00	57.51 2.11 0.00	71.22 1.87 0.00	47.75 1.75 0.00	35.14 0.18 0.00	30.58 0.03 0.07	30.58 -0.09 0.00	27.31 0.22 0.45	24.42 0.22 0.73	23.59 0.05 1.12	24.82 0.03 1.67	31.64 -0.07 0.94	48.69 0.95 0.00	61.22 2.52 0.00	59.44 2.23 0.00	46.67 1.36 0.00	40.33 0.79 0.00	36.59 0.44 0.00	33.97 0.86 0.00
INDECK___CORINTH 23802	37.54 0.37 0.00	34.80 0.55 0.00	33.22 0.62 0.00	32.58 0.67 0.00	33.10 0.68 0.00	37.55 0.81 0.00	56.68 1.28 0.00	70.94 1.60 0.00	46.51 0.51 0.00	35.11 0.14 0.00	30.44 -0.28 -0.10	30.24 -0.43 0.00	27.60 -0.52 -0.59	25.47 -0.42 -0.97	25.76 -0.40 -1.50	28.48 -0.21 -2.23	33.98 0.10 -1.24	48.31 0.57 0.00	59.52 0.82 0.00	58.47 1.26 0.00	46.36 1.04 0.00	40.41 0.87 0.00	36.98 0.83 0.00	33.94 0.83 0.00
INDECK___ILION 23567	38.06 0.89 0.00	35.05 0.79 0.00	33.32 0.72 0.00	32.61 0.70 0.00	33.13 0.71 0.00	37.59 0.85 0.00	56.79 1.39 0.00	71.08 1.73 0.00	47.06 1.06 0.00	35.70 0.73 0.00	31.26 0.64 0.00	31.29 0.61 0.00	28.08 0.55 0.00	25.42 0.50 0.00	25.16 0.49 0.00	27.00 0.53 0.00	33.33 0.69 0.00	48.73 1.00 0.00	60.05 1.35 0.00	58.53 1.32 0.00	46.31 1.00 0.00	40.41 0.87 0.00	36.95 0.80 0.00	33.87 0.76 0.00
INDECK___OLEAN 23982	37.02 -0.15 0.00	34.16 -0.10 0.00	32.77 0.16 0.00	32.00 0.10 0.00	32.65 0.23 0.00	36.38 -0.37 0.00	54.03 -1.38 0.00	66.64 -2.71 0.00	45.40 -0.60 0.00	33.92 -1.05 0.00	30.02 -0.52 0.08	30.15 -0.52 0.00	26.99 -0.05 0.48	24.13 0.00 0.79	23.10 -0.35 1.22	24.12 -0.53 1.82	30.12 -1.50 1.02	46.06 -1.67 0.00	57.70 -1.00 0.00	55.32 -1.89 0.00	43.28 -2.04 0.00	37.44 -2.10 0.00	34.34 -1.81 0.00	32.31 -0.79 0.00
INDECK___OSWEGO 23783	36.31 -0.85 0.00	33.47 -0.79 0.00	31.86 -0.75 0.00	31.17 -0.73 0.00	31.71 -0.71 0.00	35.86 -0.88 0.00	54.19 -1.22 0.00	67.82 -1.53 0.00	45.03 -0.97 0.00	34.13 -0.84 0.00	29.86 -0.76 0.00	29.88 -0.80 0.00	26.85 -0.69 0.00	24.28 -0.65 0.00	24.07 -0.59 0.00	25.81 -0.66 0.00	31.73 -0.91 0.00	46.49 -1.24 0.00	57.41 -1.29 0.00	55.90 -1.31 0.00	44.27 -1.04 0.00	38.63 -0.91 0.00	35.25 -0.90 0.00	32.35 -0.76 0.00
INDECK___YERKES 23781	37.65 0.48 0.00	35.08 0.82 0.00	33.38 0.78 0.00	32.73 0.83 0.00	33.39 0.97 0.00	36.78 0.04 0.00	53.53 -1.88 0.00	65.74 -3.61 0.00	45.40 -0.60 0.00	34.10 -0.87 0.00	30.15 -0.40 0.07	30.24 -0.43 0.00	27.16 0.06 0.43	24.40 0.18 0.70	23.39 -0.20 1.08	24.34 -0.53 1.60	30.31 -1.44 0.90	45.68 -2.05 0.00	56.82 -1.88 0.00	54.58 -2.63 0.00	42.73 -2.58 0.00	37.08 -2.45 0.00	34.41 -1.73 0.01	32.65 -0.46 0.00
INDIAN POINT_GT_1 24139	38.24 1.08 0.00	35.11 0.86 0.00	33.48 0.88 0.00	32.80 0.89 0.00	33.23 0.81 0.00	37.78 1.03 0.00	56.85 1.44 0.00	71.56 2.22 0.00	47.61 1.61 0.00	36.58 1.61 0.00	32.71 1.62 -0.47	32.24 1.56 0.00	31.81 1.46 -2.81	30.88 1.35 -4.61	33.04 1.28 -7.10	38.43 1.40 -10.56	40.28 1.76 -5.87	49.55 1.81 0.00	60.70 2.00 0.00	59.38 2.17 0.00	47.08 1.77 0.00	41.39 1.86 0.00	37.85 1.70 0.00	34.53 1.42 0.00
INDIAN POINT_GT_2 23659	38.24 1.08 0.00	35.11 0.86 0.00	33.48 0.88 0.00	32.80 0.89 0.00	33.23 0.81 0.00	37.78 1.03 0.00	56.85 1.44 0.00	71.56 2.22 0.00	47.61 1.61 0.00	36.58 1.61 0.00	32.71 1.62 -0.47	32.24 1.56 0.00	31.81 1.46 -2.81	30.88 1.35 -4.61	33.04 1.28 -7.10	38.43 1.40 -10.56	40.28 1.76 -5.87	49.55 1.81 0.00	60.70 2.00 0.00	59.38 2.17 0.00	47.08 1.77 0.00	41.39 1.86 0.00	37.85 1.70 0.00	34.53 1.42 0.00
INDIAN POINT_GT_3 24019	38.24 1.08 0.00	35.11 0.86 0.00	33.48 0.88 0.00	32.80 0.89 0.00	33.23 0.81 0.00	37.78 1.03 0.00	56.85 1.44 0.00	71.56 2.22 0.00	47.61 1.61 0.00	36.58 1.61 0.00	32.71 1.62 -0.47	32.24 1.56 0.00	31.81 1.46 -2.81	30.88 1.35 -4.61	33.04 1.28 -7.10	38.43 1.40 -10.56	40.28 1.76 -5.87	49.55 1.81 0.00	60.70 2.00 0.00	59.38 2.17 0.00	47.08 1.77 0.00	41.39 1.86 0.00	37.85 1.70 0.00	34.53 1.42 0.00
INDIAN POINT___2 23530	38.24 1.08 0.00	35.08 0.82 0.00	33.48 0.88 0.00	32.80 0.89 0.00	33.23 0.81 0.00	37.74 0.99 0.00	56.80 1.39 0.00	71.50 2.15 0.00	47.56 1.56 0.00	36.58 1.61 0.00	32.75 1.62 -0.50	32.27 1.59 0.00	32.02 1.46 -3.03	31.23 1.35 -4.96	33.61 1.31 -7.64	39.24 1.40 -11.37	40.73 1.76 -6.32	49.54 1.81 0.00	60.70 2.00 0.00	59.33 2.12 0.00	47.04 1.72 0.00	41.39 1.86 0.00	37.85 1.70 0.00	34.53 1.42 0.00
INDIAN POINT___3 23531	38.24 1.08 0.00	35.11 0.86 0.00	33.48 0.88 0.00	32.80 0.89 0.00	33.23 0.81 0.00	37.78 1.03 0.00	56.79 1.39 0.00	71.50 2.15 0.00	47.56 1.56 0.00	36.58 1.61 0.00	32.68 1.59 -0.46	32.21 1.53 0.00	31.75 1.43 -2.78	30.80 1.32 -4.55	32.96 1.28 -7.01	38.31 1.40 -10.43	40.21 1.76 -5.80	49.55 1.81 0.00	60.70 2.00 0.00	59.33 2.12 0.00	47.04 1.72 0.00	41.39 1.86 0.00	37.85 1.70 0.00	34.53 1.42 0.00
INGHAM_C_115KV_TB7 356103	39.17 2.01 0.00	36.04 1.78 0.00	34.23 1.63 0.00	33.53 1.63 0.00	34.07 1.65 0.00	38.66 1.91 0.00	58.40 2.99 0.00	73.09 3.74 0.00	48.35 2.35 0.00	36.65 1.68 0.00	32.09 1.47 0.00	32.11 1.44 0.00	28.83 1.29 0.00	26.07 1.15 0.00	25.80 1.13 0.00	27.71 1.24 0.00	34.18 1.53 0.00	49.97 2.24 0.00	61.63 2.93 0.00	60.07 2.86 0.00	47.44 2.13 0.00	41.43 1.90 0.00	37.92 1.77 0.00	34.76 1.66 0.00
IP CORINTH___1 23988	37.76 0.59 0.00	35.01 0.75 0.00	33.39 0.78 0.00	32.74 0.83 0.00	33.26 0.84 0.00	37.78 1.03 0.00	57.02 1.61 0.00	71.29 1.94 0.00	46.78 0.78 0.00	35.32 0.35 0.00	30.63 -0.09 -0.10	31.19 0.52 0.00	28.46 0.33 -0.59	26.27 0.37 -0.97	26.55 0.39 -1.50	29.30 0.61 -2.23	34.15 0.26 -1.24	48.54 0.81 0.00	59.87 1.17 0.00	58.81 1.60 0.00	46.63 1.31 0.00	40.64 1.11 0.00	37.20 1.05 0.00	34.10 0.99 0.00
IP___TICONDEROGA 23804	38.99 1.82 0.00	36.25 1.99 0.00	34.59 1.99 0.00	33.95 2.04 0.00	34.53 2.11 0.00	39.21 2.46 0.00	59.34 3.93 0.00	74.06 4.72 0.00	48.16 2.16 0.00	36.09 1.12 0.00	31.00 0.28 -0.10	31.32 0.64 0.00	28.52 0.39 -0.60	26.33 0.42 -0.98	26.67 0.49 -1.51	29.54 0.82 -2.25	34.68 0.78 -1.25	49.93 2.20 0.00	61.87 3.17 0.00	61.04 3.83 0.00	48.44 3.13 0.00	42.07 2.53 0.00	38.39 2.24 0.00	35.23 2.12 0.00
ISLIP_RES_REC 323679	37.43 0.30 0.04	28.90 0.10 5.47	28.63 0.13 4.11	28.57 0.16 3.50	28.61 0.06 3.88	36.89 0.18 0.04	44.39 -0.06 10.96	48.93 0.62 21.04	44.42 0.46 2.04	32.87 1.01 3.11	32.42 1.38 -0.42	31.96 1.29 0.00	31.27 1.21 -2.52	30.25 1.20 -4.13	32.23 1.21 -6.36	37.28 1.35 -9.46	39.67 1.76 -5.26	49.11 1.39 0.01	59.75 1.06 0.01	58.57 1.37 0.01	46.44 1.13 0.01	41.00 1.46 0.00	37.49 1.34 0.00	33.93 0.83 0.01

JAMAICA__27_KV_LOAD 355505	38.69 1.52 0.00	35.42 1.16 0.00	33.74 1.14 0.00	33.02 1.12 0.00	33.49 1.07 0.00	38.07 1.32 0.00	57.07 1.66 0.00	72.19 2.84 0.00	48.16 2.16 0.00	37.28 2.31 0.00	33.18 2.14 -0.42	32.70 2.02 0.00	32.02 1.95 -2.53	30.83 1.77 -4.14	32.77 1.73 -6.37	37.81 1.85 -9.49	40.31 2.38 -5.28	50.02 2.29 0.00	61.17 2.47 0.00	59.61 2.40 0.00	47.31 1.99 0.00	41.83 2.29 0.00	38.25 2.10 0.00	34.86 1.75 0.00
JANIS__SOLAR 323808	39.06 1.89 0.00	35.84 1.58 0.00	33.97 1.37 0.00	33.28 1.37 0.00	33.88 1.46 0.00	38.36 1.62 0.00	58.51 3.10 0.00	73.23 3.88 0.00	47.84 1.84 0.00	35.42 0.45 0.00	30.60 0.09 0.11	30.49 -0.18 0.00	26.77 -0.08 0.68	23.71 -0.10 1.11	22.83 -0.12 1.71	23.89 -0.03 2.55	31.34 0.07 1.37	48.78 1.05 0.00	61.11 2.41 0.00	59.33 2.12 0.00	46.81 1.49 0.00	40.56 1.03 0.00	36.84 0.69 0.00	33.90 0.79 0.00
JARVIS____ 23743	37.24 0.07 0.00	34.29 0.03 0.00	32.64 0.03 0.00	31.97 0.06 0.00	32.45 0.03 0.00	36.82 0.07 0.00	55.52 0.11 0.00	69.55 0.21 0.00	46.09 0.09 0.00	35.04 0.07 0.00	30.68 0.06 0.00	30.70 0.03 0.00	27.56 0.03 0.00	24.95 0.02 0.00	24.69 0.02 0.00	26.52 0.05 0.00	32.71 0.07 0.00	47.83 0.10 0.00	58.82 0.12 0.00	57.33 0.11 0.00	45.41 0.09 0.00	39.66 0.12 0.00	36.26 0.11 0.00	33.21 0.10 0.00
JENNISON____1 23625	40.21 3.05 0.00	36.73 2.47 0.00	34.72 2.12 0.00	34.01 2.11 0.00	34.59 2.17 0.00	39.36 2.61 0.00	60.34 4.93 0.00	75.79 6.45 0.00	48.94 2.94 0.00	36.16 1.19 0.15	31.08 0.61 0.00	30.95 0.28 0.00	26.94 0.30 0.90	23.61 0.15 1.47	22.57 0.17 2.26	23.45 0.34 3.37	31.25 0.36 1.75	49.07 1.34 0.00	61.28 2.58 0.00	59.56 2.35 0.00	46.99 1.68 0.00	40.56 1.03 0.00	36.91 0.76 0.00	33.94 0.83 0.00
JENNISON____2 23626	40.21 3.05 0.00	36.73 2.47 0.00	34.72 2.12 0.00	34.01 2.11 0.00	34.59 2.17 0.00	39.36 2.61 0.00	60.34 4.93 0.00	75.79 6.45 0.00	48.94 2.94 0.00	36.16 1.19 0.15	31.08 0.61 0.00	30.95 0.28 0.00	26.94 0.30 0.90	23.61 0.15 1.47	22.57 0.17 2.26	23.45 0.34 3.37	31.25 0.36 1.75	49.07 1.34 0.00	61.28 2.58 0.00	59.56 2.35 0.00	46.99 1.68 0.00	40.56 1.03 0.00	36.91 0.76 0.00	33.94 0.83 0.00
JERICOHO_RISE_WT_PWR 323719	37.84 0.67 0.00	34.91 0.65 0.00	33.16 0.55 0.00	32.38 0.48 0.00	32.91 0.49 0.00	37.33 0.59 0.00	56.41 1.00 0.00	70.52 1.18 0.00	46.51 0.51 0.00	35.39 0.42 0.00	31.02 0.40 0.00	31.16 0.49 0.00	27.95 0.41 0.00	25.25 0.32 0.00	24.94 0.27 0.00	26.76 0.29 0.00	33.04 0.39 0.00	48.59 0.86 0.00	59.81 1.11 0.00	58.12 0.91 0.00	45.86 0.55 0.00	39.70 0.16 0.00	36.15 0.00 0.00	32.98 -0.13 0.00
KATONAH__115KV_46KV_TB4 355592	38.39 1.23 0.00	35.29 1.03 0.00	33.61 1.01 0.00	32.96 1.05 0.00	33.39 0.97 0.00	38.00 1.25 0.00	57.18 1.77 0.00	71.98 2.64 0.00	47.89 1.89 0.00	36.75 1.78 0.00	32.74 1.75 -0.38	32.33 1.66 0.00	31.32 1.51 -2.28	30.05 1.40 -3.72	31.76 1.36 -5.74	36.46 1.46 -8.54	39.22 1.83 -4.75	49.74 2.00 0.00	60.93 2.23 0.00	59.61 2.40 0.00	47.26 1.95 0.00	41.55 2.02 0.00	37.99 1.84 0.00	34.67 1.56 0.00
KCE_NY_1 323755	38.21 1.04 0.00	35.32 1.06 0.00	33.68 1.07 0.00	33.02 1.12 0.00	33.52 1.10 0.00	38.11 1.36 0.00	57.51 2.11 0.00	71.91 2.57 0.00	47.38 1.38 0.00	35.84 0.87 0.00	31.18 0.46 -0.10	31.04 0.37 0.00	28.36 0.22 -0.61	26.14 0.22 -0.99	26.44 0.25 -1.53	29.17 0.42 -2.28	34.69 0.78 -1.27	49.16 1.43 0.00	60.58 1.88 0.00	59.38 2.17 0.00	47.08 1.77 0.00	41.08 1.54 0.00	37.63 1.48 0.00	34.43 1.33 0.00
KCE_NY_6_ESR 323823	37.65 0.48 0.00	34.84 0.58 0.00	33.29 0.69 0.00	32.51 0.60 0.00	33.30 0.88 0.00	36.75 0.00 0.00	53.86 -1.55 0.00	66.23 -3.12 0.00	45.58 -0.41 0.00	34.20 -0.77 0.00	30.27 -0.28 0.07	30.37 -0.31 0.00	27.25 0.17 0.45	24.44 0.25 0.73	23.41 -0.12 1.13	24.39 -0.40 1.68	30.43 -1.27 0.94	46.02 -1.72 0.00	57.41 -1.29 0.00	55.09 -2.12 0.00	43.05 -2.26 0.00	37.36 -2.17 0.00	34.52 -1.63 0.00	32.65 -0.46 0.00
KEDC_PORT_JEFF_GT2 24210	37.31 0.19 0.04	27.40 -0.03 6.82	27.48 0.00 5.12	27.58 0.03 4.36	27.55 -0.03 4.84	36.73 0.04 0.05	44.08 -0.22 11.11	48.38 0.35 21.32	44.26 0.32 2.06	31.97 0.87 3.88	32.30 1.26 -0.42	31.87 1.20 0.00	31.16 1.10 -2.52	30.15 1.10 -4.13	32.13 1.11 -6.36	37.17 1.24 -9.46	39.51 1.60 -5.26	48.82 1.10 0.01	59.45 0.76 0.01	58.23 1.03 0.01	46.17 0.86 0.01	40.80 1.26 0.00	37.34 1.19 0.00	33.83 0.73 0.01
KEDC_PORT_JEFF_GT3 24211	37.31 0.19 0.04	27.40 -0.03 6.82	27.48 0.00 5.12	27.58 0.03 4.36	27.55 -0.03 4.84	36.73 0.04 0.05	44.08 -0.22 11.11	48.38 0.35 21.32	44.26 0.32 2.06	31.97 0.87 3.88	32.30 1.26 -0.42	31.87 1.20 0.00	31.16 1.10 -2.52	30.15 1.10 -4.13	32.13 1.11 -6.36	37.17 1.24 -9.46	39.51 1.60 -5.26	48.82 1.10 0.01	59.45 0.76 0.01	58.23 1.03 0.01	46.17 0.86 0.01	40.80 1.26 0.00	37.34 1.19 0.00	33.83 0.73 0.01
KEDC_GLWD_GT4 24219	38.21 1.04 0.00	35.04 0.79 0.00	33.38 0.78 0.00	32.70 0.80 0.00	33.16 0.75 0.00	37.66 0.92 0.00	52.49 0.78 3.69	63.78 1.52 7.09	46.84 1.52 0.67	36.61 1.64 0.00	32.88 1.84 -0.42	32.45 1.78 0.00	31.68 1.62 -2.52	30.57 1.52 -4.13	32.52 1.50 -6.36	37.55 1.61 -9.46	39.93 2.02 -5.26	49.30 1.57 0.00	60.22 1.52 0.00	58.92 1.71 0.00	46.85 1.54 0.00	41.43 1.90 0.00	37.89 1.74 0.00	34.50 1.39 0.00
KEDC_GLWD_GT5 24220	38.21 1.04 0.00	35.04 0.79 0.00	33.38 0.78 0.00	32.70 0.80 0.00	33.16 0.75 0.00	37.66 0.92 0.00	52.49 0.78 3.69	63.78 1.52 7.09	46.84 1.52 0.67	36.61 1.64 0.00	32.88 1.84 -0.42	32.45 1.78 0.00	31.68 1.62 -2.52	30.57 1.52 -4.13	32.52 1.50 -6.36	37.55 1.61 -9.46	39.93 2.02 -5.26	49.30 1.57 0.00	60.22 1.52 0.00	58.92 1.71 0.00	46.85 1.54 0.00	41.43 1.90 0.00	37.89 1.74 0.00	34.50 1.39 0.00
KENSICO____ 23655	38.36 1.19 0.00	35.22 0.96 0.00	33.58 0.98 0.00	32.89 0.99 0.00	33.33 0.91 0.00	37.89 1.14 0.00	56.91 1.50 0.00	71.70 2.36 0.00	47.75 1.75 0.00	36.75 1.78 0.00	32.83 1.78 -0.43	32.39 1.72 0.00	31.72 1.60 -2.59	30.63 1.47 -4.24	32.62 1.43 -6.53	37.72 1.54 -9.72	39.97 1.93 -5.40	49.69 1.96 0.00	60.81 2.11 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.51 1.98 0.00	37.96 1.81 0.00	34.63 1.52 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.58 1.41 0.00	35.39 1.13 0.00	33.78 1.17 0.00	33.12 1.21 0.00	33.55 1.13 0.00	38.11 1.36 0.00	57.63 2.22 0.00	72.19 2.84 0.00	47.89 1.89 0.00	36.58 1.61 0.00	32.26 1.53 -0.11	32.05 1.38 0.00	29.51 1.32 -0.65	27.22 1.22 -1.07	27.52 1.21 -1.65	30.27 1.35 -2.45	35.81 1.80 -1.37	49.93 2.20 0.00	61.28 2.58 0.00	60.13 2.92 0.00	47.49 2.18 0.00	41.63 2.10 0.00	38.03 1.88 0.00	34.70 1.59 0.00

KIAC_JFK_GT1 23816	38.50 1.34 0.00	35.25 0.99 0.00	33.55 0.95 0.00	32.86 0.96 0.00	33.33 0.91 0.00	37.89 1.14 0.00	56.52 1.11 0.00	71.56 2.22 0.00	47.70 1.70 0.00	37.10 2.13 0.00	33.00 1.96 -0.42	32.54 1.87 0.00	31.85 1.79 -2.53	30.68 1.62 -4.14	32.62 1.58 -6.37	37.68 1.72 -9.49	40.14 2.22 -5.28	49.55 1.81 0.00	60.52 1.82 0.00	59.04 1.83 0.00	46.86 1.54 0.00	41.59 2.06 0.00	38.07 1.92 0.00	34.67 1.56 0.00
KIAC_JFK_GT2 23817	38.50 1.34 0.00	35.25 0.99 0.00	33.55 0.95 0.00	32.86 0.96 0.00	33.33 0.91 0.00	37.89 1.14 0.00	56.52 1.11 0.00	71.56 2.22 0.00	47.70 1.70 0.00	37.10 2.13 0.00	33.00 1.96 -0.42	32.54 1.87 0.00	31.85 1.79 -2.53	30.68 1.62 -4.14	32.62 1.58 -6.37	37.68 1.72 -9.49	40.14 2.22 -5.28	49.55 1.81 0.00	60.52 1.82 0.00	59.04 1.83 0.00	46.86 1.54 0.00	41.59 2.06 0.00	38.07 1.92 0.00	34.67 1.56 0.00
KIAC_JFK____ 323774	38.50 1.34 0.00	35.25 0.99 0.00	33.58 0.98 0.00	32.86 0.96 0.00	33.33 0.91 0.00	37.85 1.10 0.00	56.52 1.11 0.00	71.56 2.22 0.00	47.70 1.70 0.00	37.10 2.13 0.00	33.00 1.96 -0.42	32.61 1.93 0.00	31.85 1.79 -2.53	30.71 1.64 -4.14	32.64 1.60 -6.37	37.68 1.72 -9.49	40.14 2.22 -5.28	49.54 1.81 0.00	60.52 1.82 0.00	59.04 1.83 0.00	46.86 1.54 0.00	41.59 2.05 0.00	38.07 1.91 0.00	34.67 1.56 0.00
KINTIGH__24_KV_GSU 356498	37.32 0.15 0.00	34.64 0.38 0.00	33.03 0.42 0.00	32.29 0.38 0.00	33.03 0.61 0.00	36.56 -0.18 0.00	53.47 -1.94 0.00	65.67 -3.68 0.00	45.17 -0.83 0.00	33.99 -0.98 0.00	30.06 -0.49 0.07	30.18 -0.49 0.00	27.06 -0.08 0.39	24.30 0.02 0.65	23.40 -0.27 0.99	24.43 -0.56 1.48	30.41 -1.40 0.83	45.63 -2.10 0.00	56.70 -2.00 0.00	54.69 -2.52 0.00	42.96 -2.36 0.00	37.40 -2.14 0.00	34.60 -1.55 0.00	32.58 -0.53 0.00
KINTIGH____ 23543	37.28 0.11 0.00	34.64 0.38 0.00	33.06 0.46 0.00	32.29 0.38 0.00	33.04 0.62 0.00	36.49 -0.26 0.00	53.47 -1.94 0.00	65.67 -3.68 0.00	45.17 -0.83 0.00	33.99 -0.98 0.00	29.97 -0.58 0.07	30.06 -0.61 0.00	27.00 -0.14 0.39	24.25 -0.02 0.65	23.28 -0.39 0.99	24.38 -0.61 1.48	30.41 -1.40 0.83	45.63 -2.10 0.00	56.70 -2.00 0.00	54.69 -2.52 0.00	42.96 -2.36 0.00	37.36 -2.17 0.00	34.60 -1.55 0.00	32.58 -0.53 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.50 1.34 0.00	35.56 1.30 0.00	33.78 1.17 0.00	32.96 1.05 0.00	33.49 1.07 0.00	38.03 1.29 0.00	57.63 2.22 0.00	71.91 2.57 0.00	47.33 1.33 0.00	35.98 1.01 0.00	31.54 0.92 0.00	31.75 1.07 0.00	28.44 0.91 0.00	25.65 0.72 0.00	25.33 0.67 0.00	27.21 0.74 0.00	33.66 1.01 0.00	49.64 1.91 0.00	61.11 2.41 0.00	59.33 2.12 0.00	46.72 1.40 0.00	40.29 0.75 0.00	36.66 0.51 0.00	33.34 0.23 0.00
LACHUTE____HYDRO 323717	38.99 1.82 0.00	36.24 1.99 0.00	34.59 1.99 0.00	33.95 2.04 0.00	34.53 2.11 0.00	39.21 2.46 0.00	59.34 3.93 0.00	74.06 4.72 0.00	48.16 2.16 0.00	36.09 1.12 0.00	30.96 0.24 -0.10	30.61 -0.06 0.00	27.91 -0.22 -0.60	25.76 -0.15 -0.98	26.08 -0.10 -1.51	28.90 0.19 -2.25	34.68 0.78 -1.25	49.93 2.20 0.00	61.87 3.17 0.00	61.04 3.83 0.00	48.40 3.08 0.00	42.07 2.53 0.00	38.39 2.24 0.00	35.23 2.12 0.00
LAWRNCALV_115KV_TB1 80681	38.24 1.08 0.00	35.25 0.99 0.00	33.42 0.82 0.00	32.64 0.73 0.00	33.20 0.78 0.00	37.70 0.96 0.00	57.29 1.88 0.00	71.56 2.22 0.00	46.87 0.87 0.00	35.49 0.52 0.00	31.02 0.40 0.00	31.16 0.49 0.00	27.92 0.39 0.00	25.20 0.27 0.00	24.89 0.22 0.00	26.68 0.21 0.00	32.87 0.23 0.00	48.50 0.76 0.00	59.93 1.23 0.00	58.30 1.09 0.00	46.13 0.82 0.00	40.17 0.63 0.00	36.69 0.54 0.00	33.51 0.40 0.00
LEDERLE____ 23769	38.39 1.23 0.00	35.25 0.99 0.00	33.65 1.04 0.00	32.96 1.05 0.00	33.39 0.97 0.00	38.03 1.29 0.00	57.29 1.88 0.00	72.05 2.70 0.00	47.89 1.89 0.00	36.72 1.75 0.00	32.95 1.75 -0.58	32.33 1.66 0.00	32.59 1.57 -3.48	32.05 1.42 -5.70	34.82 1.38 -8.78	41.07 1.54 -13.07	41.70 1.86 -7.19	49.83 2.10 0.00	61.11 2.41 0.00	59.73 2.52 0.00	47.31 1.99 0.00	41.59 2.06 0.00	38.03 1.88 0.00	34.67 1.56 0.00
LIGHTHSE_115KV_TB6 355974	37.02 -0.15 0.00	34.09 -0.17 0.00	32.38 -0.23 0.00	31.71 -0.19 0.00	32.26 -0.16 0.00	36.53 -0.22 0.00	55.46 0.06 0.00	69.48 0.14 0.00	45.82 -0.18 0.00	34.51 -0.45 0.00	30.10 -0.52 0.00	30.09 -0.58 0.00	27.04 -0.50 0.00	24.45 -0.47 0.00	24.20 -0.47 0.00	25.94 -0.53 0.00	31.96 -0.69 0.00	47.06 -0.67 0.00	58.41 -0.29 0.00	56.87 -0.34 0.00	45.09 -0.23 0.00	39.30 -0.24 0.00	35.79 -0.36 0.00	32.84 -0.26 0.00
LINDEN COGEN____ 23786	38.32 1.15 0.00	35.15 0.89 0.00	33.48 0.88 0.00	32.80 0.89 0.00	33.23 0.81 0.00	37.69 0.95 0.01	56.63 1.22 0.00	71.50 2.15 0.00	47.65 1.65 0.00	36.82 1.85 0.00	32.91 1.87 -0.42	32.51 1.84 0.00	31.77 1.71 -2.53	30.61 1.55 -4.14	32.54 1.50 -6.37	37.55 1.59 -9.49	39.95 2.02 -5.28	49.59 1.86 0.00	60.58 1.88 0.00	59.10 1.89 0.00	46.90 1.59 0.00	41.39 1.86 0.00	37.85 1.70 0.00	34.53 1.42 0.00
LINDHRST_69_KV_BK1 356055	37.94 0.78 0.00	34.40 0.55 0.40	32.85 0.55 0.31	32.22 0.57 0.26	32.65 0.52 0.29	37.40 0.66 0.01	47.02 0.55 8.95	53.43 1.25 17.17	45.31 0.97 1.66	36.13 1.40 0.23	32.79 1.75 -0.42	32.24 1.56 0.00	31.54 1.49 -2.52	30.50 1.45 -4.13	32.48 1.46 -6.36	37.52 1.59 -9.46	39.96 2.06 -5.26	49.54 1.81 0.01	60.45 1.76 0.01	59.21 2.00 0.01	46.89 1.59 0.01	41.43 1.90 0.00	37.78 1.63 0.00	34.33 1.23 0.01
LIPA_MISC_IPP 23656	36.98 -0.15 0.04	27.59 -0.31 6.36	27.56 -0.26 4.78	27.61 -0.22 4.07	27.58 -0.32 4.51	36.48 -0.22 0.05	43.67 -0.55 11.18	47.82 -0.07 21.46	43.92 0.00 2.08	31.94 0.59 3.62	32.05 1.01 -0.42	31.56 0.89 0.00	30.94 0.88 -2.52	29.95 0.90 -4.13	31.91 0.89 -6.36	36.96 1.03 -9.46	39.25 1.34 -5.26	48.49 0.76 0.01	58.99 0.29 0.01	57.83 0.63 0.01	45.90 0.59 0.01	40.64 1.11 0.00	37.02 0.87 0.00	33.56 0.46 0.01
LISF____SOLAR 323691	37.01 -0.11 0.04	27.63 -0.31 6.32	27.63 -0.23 4.75	27.64 -0.22 4.04	27.65 -0.29 4.48	36.48 -0.22 0.05	43.70 -0.55 11.15	47.94 0.00 21.41	43.93 0.00 2.07	31.97 0.59 3.59	32.05 1.01 -0.42	31.59 0.92 0.00	30.94 0.88 -2.52	29.95 0.90 -4.13	31.91 0.89 -6.36	36.96 1.03 -9.46	39.28 1.37 -5.26	48.53 0.81 0.01	59.05 0.35 0.01	57.94 0.74 0.01	45.94 0.63 0.01	40.56 1.03 0.00	37.13 0.98 0.00	33.60 0.50 0.01
LITTLE FALLS____HYD 24013	39.17 2.01 0.00	36.04 1.78 0.00	34.23 1.63 0.00	33.53 1.63 0.00	34.07 1.65 0.00	38.66 1.91 0.00	58.40 2.99 0.00	73.09 3.74 0.00	48.35 2.35 0.00	36.65 1.68 0.00	32.09 1.47 0.00	32.11 1.44 0.00	28.83 1.29 0.00	26.07 1.15 0.00	25.80 1.13 0.00	27.71 1.24 0.00	34.18 1.53 0.00	49.97 2.24 0.00	61.63 2.93 0.00	60.07 2.86 0.00	47.44 2.13 0.00	41.43 1.90 0.00	37.92 1.77 0.00	34.76 1.66 0.00

LITTLRIV_115KV_TB1 356100	38.62 1.45 0.00	35.56 1.30 0.00	33.71 1.11 0.00	32.93 1.02 0.00	33.49 1.07 0.00	38.07 1.32 0.00	58.01 2.60 0.00	72.54 3.19 0.00	47.20 1.20 0.00	35.63 0.66 0.00	31.11 0.49 0.00	31.26 0.58 0.00	27.97 0.44 0.00	25.22 0.30 0.00	24.93 0.27 0.00	26.73 0.26 0.00	33.00 0.36 0.00	48.88 1.15 0.00	60.64 1.94 0.00	59.04 1.83 0.00	46.67 1.36 0.00	40.56 1.03 0.00	37.02 0.87 0.00	33.80 0.70 0.00
LI_NEWBRDGE___DRP 323616	37.54 0.37 0.00	34.46 0.21 0.01	32.82 0.23 0.01	32.15 0.26 0.01	32.57 0.16 0.01	37.03 0.29 0.01	43.67 0.22 11.96	47.22 0.83 22.96	44.47 0.69 2.22	36.01 1.05 0.01	32.42 1.38 -0.42	31.93 1.26 0.00	31.24 1.18 -2.52	30.20 1.15 -4.13	32.18 1.16 -6.36	37.17 1.24 -9.46	39.47 1.57 -5.26	48.77 1.05 0.01	59.57 0.88 0.01	58.29 1.09 0.01	46.26 0.95 0.01	40.84 1.30 0.00	37.31 1.16 0.00	33.93 0.83 0.01
LOCKPORT_115KV_TB60_63_64 80432	37.65 0.48 0.00	34.70 0.45 0.00	33.13 0.52 0.00	32.64 0.73 0.00	33.46 1.04 0.00	36.38 -0.37 0.00	53.19 -2.22 0.00	65.32 -4.02 0.00	45.08 -0.92 0.00	33.85 -1.12 0.00	29.85 -0.70 0.07	29.91 -0.77 0.00	26.90 -0.22 0.41	24.20 -0.05 0.67	23.14 -0.49 1.03	24.19 -0.74 1.54	30.15 -1.63 0.86	45.39 -2.34 0.00	56.47 -2.23 0.00	54.29 -2.92 0.00	42.55 -2.76 0.00	36.93 -2.61 0.00	34.27 -1.88 0.00	32.74 -0.36 0.00
LOCKPORT___CC1 323769	37.65 0.48 0.00	34.70 0.44 0.00	33.35 0.75 0.00	32.35 0.45 0.00	33.39 0.97 0.00	36.49 -0.26 0.00	53.19 -2.22 0.00	65.25 -4.09 0.00	45.08 -0.92 0.00	33.85 -1.12 0.00	29.94 -0.61 0.07	30.06 -0.61 0.00	26.98 -0.14 0.41	24.25 0.00 0.68	23.28 -0.35 1.04	24.26 -0.66 1.55	30.14 -1.63 0.87	45.39 -2.34 0.00	56.47 -2.23 0.00	54.29 -2.92 0.00	42.55 -2.77 0.00	36.97 -2.57 0.00	34.31 -1.84 0.00	32.68 -0.43 0.00
LOCKPORT___CC2 323770	37.65 0.48 0.00	34.70 0.44 0.00	33.35 0.75 0.00	32.35 0.45 0.00	33.39 0.97 0.00	36.49 -0.26 0.00	53.19 -2.22 0.00	65.25 -4.09 0.00	45.08 -0.92 0.00	33.85 -1.12 0.00	29.94 -0.61 0.07	30.06 -0.61 0.00	26.98 -0.14 0.41	24.25 0.00 0.68	23.28 -0.35 1.04	24.26 -0.66 1.55	30.14 -1.63 0.87	45.39 -2.34 0.00	56.47 -2.23 0.00	54.29 -2.92 0.00	42.55 -2.77 0.00	36.97 -2.57 0.00	34.31 -1.84 0.00	32.68 -0.43 0.00
LOCKPORT___CC3 323771	37.65 0.48 0.00	34.70 0.44 0.00	33.35 0.75 0.00	32.35 0.45 0.00	33.39 0.97 0.00	36.49 -0.26 0.00	53.19 -2.22 0.00	65.25 -4.09 0.00	45.08 -0.92 0.00	33.85 -1.12 0.00	29.94 -0.61 0.07	30.06 -0.61 0.00	26.98 -0.14 0.41	24.25 0.00 0.68	23.28 -0.35 1.04	24.26 -0.66 1.55	30.14 -1.63 0.87	45.39 -2.34 0.00	56.47 -2.23 0.00	54.29 -2.92 0.00	42.55 -2.77 0.00	36.97 -2.57 0.00	34.31 -1.84 0.00	32.68 -0.43 0.00
LOCUSVLY_69_KV_BK2 55797	38.06 0.89 0.00	34.90 0.65 0.00	33.28 0.68 0.00	32.57 0.67 0.00	33.03 0.62 0.00	37.55 0.81 0.00	50.60 0.78 5.58	60.09 1.46 10.71	46.26 1.29 1.03	36.50 1.54 0.00	32.82 1.78 -0.42	32.33 1.66 0.00	31.62 1.57 -2.52	30.55 1.50 -4.13	32.50 1.48 -6.36	37.52 1.59 -9.46	39.90 1.99 -5.26	49.35 1.62 0.00	60.28 1.58 0.00	58.98 1.77 0.00	46.85 1.54 0.00	41.35 1.82 0.00	37.81 1.66 0.00	34.40 1.29 0.00
LONG_LAKE_PHOENIX 24014	36.46 -0.71 0.00	33.61 -0.65 0.00	31.98 -0.62 0.00	31.33 -0.57 0.00	31.87 -0.55 0.00	36.05 -0.70 0.00	54.41 -1.00 0.00	68.10 -1.25 0.00	45.31 -0.69 0.00	34.30 -0.66 0.00	30.01 -0.61 0.00	30.03 -0.64 0.00	26.98 -0.55 0.00	24.43 -0.50 0.00	24.20 -0.47 0.00	25.94 -0.53 0.00	31.93 -0.72 0.00	46.78 -0.95 0.00	57.70 -1.00 0.00	56.18 -1.03 0.00	44.50 -0.82 0.00	38.82 -0.71 0.00	35.43 -0.72 0.00	32.51 -0.60 0.00
LOVETT___3 23632	38.21 1.04 0.00	35.08 0.82 0.00	33.48 0.88 0.00	32.80 0.89 0.00	33.23 0.81 0.00	37.74 0.99 0.00	56.79 1.39 0.00	71.43 2.08 0.00	47.52 1.52 0.00	36.54 1.57 0.00	32.75 1.59 -0.54	32.18 1.50 0.00	32.19 1.43 -3.22	31.49 1.30 -5.27	34.04 1.26 -8.12	39.93 1.38 -12.09	41.11 1.73 -6.74	49.55 1.81 0.00	60.70 2.00 0.00	59.33 2.12 0.00	47.04 1.72 0.00	41.39 1.86 0.00	37.85 1.70 0.00	34.53 1.42 0.00
LOVETT___4 23642	38.21 1.04 0.00	35.08 0.82 0.00	33.48 0.88 0.00	32.80 0.89 0.00	33.23 0.81 0.00	37.74 0.99 0.00	56.79 1.39 0.00	71.43 2.08 0.00	47.52 1.52 0.00	36.54 1.57 0.00	32.75 1.59 -0.54	32.18 1.50 0.00	32.19 1.43 -3.22	31.49 1.30 -5.27	34.04 1.26 -8.12	39.93 1.38 -12.09	41.11 1.73 -6.74	49.55 1.81 0.00	60.70 2.00 0.00	59.33 2.12 0.00	47.04 1.72 0.00	41.39 1.86 0.00	37.85 1.70 0.00	34.53 1.42 0.00
LOVETT___5 23593	38.21 1.04 0.00	35.08 0.82 0.00	33.48 0.88 0.00	32.80 0.89 0.00	33.23 0.81 0.00	37.74 0.99 0.00	56.79 1.39 0.00	71.43 2.08 0.00	47.52 1.52 0.00	36.54 1.57 0.00	32.75 1.59 -0.54	32.18 1.50 0.00	32.19 1.43 -3.22	31.49 1.30 -5.27	34.04 1.26 -8.12	39.93 1.38 -12.09	41.11 1.73 -6.74	49.55 1.81 0.00	60.70 2.00 0.00	59.33 2.12 0.00	47.04 1.72 0.00	41.39 1.86 0.00	37.85 1.70 0.00	34.53 1.42 0.00
LOWER RAQUET___HYD 24057	38.32 1.15 0.00	35.29 1.03 0.00	33.45 0.85 0.00	32.67 0.76 0.00	33.23 0.81 0.00	37.74 0.99 0.00	57.46 2.05 0.00	71.77 2.43 0.00	46.92 0.92 0.00	35.49 0.53 0.00	31.02 0.40 0.00	31.10 0.43 0.00	27.89 0.36 0.00	25.20 0.27 0.00	24.84 0.17 0.00	26.63 0.16 0.00	32.81 0.16 0.00	48.45 0.72 0.00	59.93 1.23 0.00	58.29 1.08 0.00	46.17 0.86 0.00	40.17 0.63 0.00	36.73 0.58 0.00	33.51 0.40 0.00
LOWER___HUDSON 24059	37.95 0.78 0.00	35.01 0.75 0.00	33.35 0.75 0.00	32.70 0.80 0.00	33.20 0.78 0.00	37.77 1.03 0.00	56.96 1.55 0.00	71.28 1.94 0.00	47.19 1.19 0.00	35.88 0.91 0.00	31.41 0.67 -0.11	31.35 0.67 0.00	28.71 0.50 -0.68	26.52 0.47 -1.12	26.88 0.49 -1.72	29.64 0.61 -2.56	34.99 0.91 -1.43	49.02 1.29 0.00	60.22 1.52 0.00	58.93 1.71 0.00	46.72 1.41 0.00	40.84 1.30 0.00	37.49 1.34 0.00	34.24 1.13 0.00
LOWVILLE_115KV_TB2 356335	38.17 1.00 0.00	35.08 0.82 0.00	33.26 0.65 0.00	32.54 0.64 0.00	33.13 0.71 0.00	37.37 0.62 0.00	57.07 1.66 0.00	71.50 2.15 0.00	46.55 0.55 0.00	34.90 -0.07 0.00	30.31 -0.31 0.00	30.31 -0.37 0.00	27.20 -0.33 0.00	24.60 -0.32 0.00	24.34 -0.32 0.00	26.15 -0.32 0.00	32.32 -0.33 0.00	47.87 0.14 0.00	59.64 0.94 0.00	57.95 0.74 0.00	45.77 0.45 0.00	39.77 0.24 0.00	36.19 0.04 0.00	33.11 0.00 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.21 1.04 0.00	35.32 1.06 0.00	33.68 1.08 0.00	32.99 1.08 0.00	33.52 1.10 0.00	38.11 1.36 0.00	57.46 2.05 0.00	71.84 2.50 0.00	47.33 1.33 0.00	35.84 0.87 0.00	31.21 0.49 -0.10	31.26 0.58 0.00	28.55 0.41 -0.61	26.34 0.42 -0.99	26.66 0.47 -1.53	29.38 0.64 -2.28	34.70 0.78 -1.27	49.16 1.43 0.00	60.52 1.82 0.00	59.33 2.12 0.00	47.08 1.77 0.00	41.08 1.54 0.00	37.60 1.45 0.00	34.43 1.32 0.00

LUTHERNY_35_KV_BK2 355980	38.21 1.04 0.00	35.32 1.06 0.00	33.68 1.08 0.00	33.02 1.12 0.00	33.52 1.10 0.00	38.11 1.36 0.00	57.51 2.11 0.00	71.91 2.57 0.00	47.38 1.38 0.00	35.84 0.87 0.00	31.21 0.49 -0.10	31.26 0.58 0.00	28.55 0.41 -0.61	26.34 0.42 -0.99	26.66 0.47 -1.53	29.38 0.64 -2.28	34.70 0.78 -1.27	49.16 1.43 0.00	60.58 1.88 0.00	59.38 2.17 0.00	47.08 1.77 0.00	41.08 1.54 0.00	37.63 1.48 0.00	34.43 1.32 0.00
LWR___OSWEGATCHIE_HYD 23850	38.17 1.00 0.00	35.11 0.86 0.00	33.29 0.68 0.00	32.54 0.64 0.00	33.13 0.71 0.00	37.52 0.77 0.00	57.24 1.83 0.00	71.70 2.36 0.00	46.69 0.69 0.00	35.14 0.17 0.00	30.59 -0.03 0.00	30.64 -0.03 0.00	27.48 -0.06 0.00	24.83 -0.10 0.00	24.52 -0.15 0.00	26.31 -0.16 0.00	32.45 -0.20 0.00	48.07 0.33 0.00	59.70 1.00 0.00	58.07 0.86 0.00	45.90 0.59 0.00	39.97 0.43 0.00	36.44 0.29 0.00	33.31 0.20 0.00
LYONS_FALL_HYD 23570	38.06 0.89 0.00	34.98 0.72 0.00	33.19 0.59 0.00	32.51 0.60 0.00	33.07 0.65 0.00	37.41 0.66 0.00	56.96 1.55 0.00	71.36 2.01 0.00	46.64 0.64 0.00	35.07 0.11 0.00	30.56 -0.06 0.00	30.52 -0.15 0.00	27.40 -0.14 0.00	24.80 -0.12 0.00	24.52 -0.15 0.00	26.34 -0.13 0.00	32.55 -0.10 0.00	48.11 0.38 0.00	59.76 1.06 0.00	58.12 0.91 0.00	45.95 0.63 0.00	39.93 0.40 0.00	36.37 0.22 0.00	33.31 0.20 0.00
MADISON___COUNTY_LFGE 323628	37.95 0.78 0.00	34.91 0.65 0.00	33.16 0.55 0.00	32.51 0.61 0.00	33.07 0.65 0.00	37.48 0.73 0.00	56.91 1.50 0.00	71.29 1.94 0.00	46.92 0.92 0.00	35.35 0.38 0.00	30.84 0.21 0.00	30.80 0.12 0.00	27.67 0.14 0.00	25.00 0.07 0.00	24.76 0.10 0.00	26.60 0.13 0.00	32.84 0.20 0.00	48.40 0.67 0.00	60.05 1.35 0.00	58.47 1.26 0.00	46.18 0.86 0.00	40.21 0.67 0.00	36.66 0.51 0.00	33.61 0.50 0.00
MALONE___115KV_TB1 356076	38.28 1.11 0.00	35.32 1.06 0.00	33.52 0.91 0.00	32.70 0.80 0.00	33.26 0.84 0.00	37.81 1.07 0.00	57.40 1.99 0.00	71.63 2.29 0.00	47.06 1.06 0.00	35.74 0.77 0.00	31.32 0.70 0.00	31.50 0.83 0.00	28.22 0.69 0.00	25.45 0.52 0.00	25.11 0.44 0.00	26.97 0.50 0.00	33.33 0.69 0.00	49.21 1.48 0.00	60.64 1.94 0.00	58.93 1.72 0.00	46.49 1.18 0.00	40.21 0.67 0.00	36.66 0.51 0.00	33.41 0.30 0.00
MAPLEWOD_115KV_TB3 80458	37.69 0.52 0.00	34.81 0.55 0.00	33.16 0.55 0.00	32.51 0.61 0.00	33.00 0.58 0.00	37.55 0.81 0.00	56.52 1.11 0.00	70.80 1.46 0.00	46.92 0.92 0.00	35.70 0.73 0.00	31.29 0.55 -0.12	31.16 0.49 0.00	28.61 0.39 -0.69	26.43 0.37 -1.13	26.80 0.39 -1.75	29.57 0.50 -2.60	34.84 0.75 -1.45	48.69 0.95 0.00	59.76 1.06 0.00	58.47 1.26 0.00	46.40 1.09 0.00	40.56 1.03 0.00	37.24 1.08 0.00	34.04 0.93 0.00
MAPLE_RIDGE_WT_1 323574	37.20 0.04 0.00	34.26 0.00 0.00	32.51 -0.10 0.00	31.68 -0.22 0.00	32.13 -0.29 0.00	36.34 -0.40 0.00	54.69 -0.72 0.00	68.31 -1.04 0.00	45.26 -0.74 0.00	34.55 -0.42 0.00	30.31 -0.31 0.00	30.37 -0.31 0.00	27.26 -0.28 0.00	24.70 -0.22 0.00	24.42 -0.25 0.00	26.20 -0.26 0.00	32.35 -0.29 0.00	47.30 -0.43 0.00	57.94 -0.76 0.00	56.12 -1.09 0.00	44.23 -1.09 0.00	38.43 -1.11 0.00	35.07 -1.08 0.00	32.08 -1.03 0.00
MAPLE_RIDGE_WT_2 323611	37.20 0.04 0.00	34.26 0.00 0.00	32.51 -0.10 0.00	31.68 -0.22 0.00	32.13 -0.29 0.00	36.34 -0.40 0.00	54.69 -0.72 0.00	68.31 -1.04 0.00	45.26 -0.74 0.00	34.55 -0.42 0.00	30.31 -0.31 0.00	30.37 -0.31 0.00	27.26 -0.28 0.00	24.70 -0.22 0.00	24.42 -0.25 0.00	26.20 -0.26 0.00	32.35 -0.29 0.00	47.30 -0.43 0.00	57.94 -0.76 0.00	56.12 -1.09 0.00	44.23 -1.09 0.00	38.43 -1.11 0.00	35.07 -1.08 0.00	32.08 -1.03 0.00
MARBLE_RIVER_WT_PWR 323696	38.47 1.30 0.00	35.56 1.30 0.00	33.81 1.21 0.00	32.99 1.09 0.00	33.52 1.10 0.00	38.03 1.29 0.00	57.51 2.11 0.00	71.70 2.36 0.00	47.24 1.24 0.00	35.98 1.01 0.00	31.57 0.95 0.00	31.75 1.07 0.00	28.47 0.94 0.00	25.67 0.75 0.00	25.33 0.67 0.00	27.18 0.71 0.00	33.59 0.95 0.00	49.50 1.77 0.00	60.87 2.17 0.00	59.10 1.89 0.00	46.49 1.18 0.00	40.01 0.48 0.00	36.30 0.15 0.00	33.01 -0.10 0.00
MARSHVLE_115KV_TB1 80742	37.76 0.59 0.00	34.88 0.62 0.00	33.22 0.62 0.00	32.58 0.67 0.00	33.13 0.71 0.00	37.74 0.99 0.00	57.35 1.94 0.00	71.36 2.01 0.00	45.68 -0.32 0.00	33.92 -1.05 0.00	29.15 -1.47 0.00	29.02 -1.66 0.00	25.99 -1.54 0.00	23.53 -1.40 0.00	23.33 -1.33 0.00	25.25 -1.22 0.00	31.63 -1.01 0.00	47.78 0.05 0.00	59.99 1.29 0.00	58.87 1.66 0.00	46.67 1.36 0.00	40.68 1.15 0.00	37.02 0.87 0.00	33.90 0.79 0.00
MARSH_HILL_WT_PWR 323713	37.65 0.48 0.00	34.67 0.41 0.00	32.96 0.36 0.00	32.16 0.25 0.00	32.78 0.36 0.00	36.49 -0.26 0.00	54.24 -1.17 0.00	66.92 -2.43 0.00	45.36 -0.64 0.00	33.78 -1.19 0.00	29.74 -0.80 0.08	29.85 -0.83 0.00	26.64 -0.39 0.51	23.80 -0.30 0.83	22.85 -0.54 1.27	23.80 -0.77 1.90	30.42 -1.17 1.05	46.68 -1.05 0.00	58.35 -0.35 0.00	55.95 -1.26 0.00	43.77 -1.54 0.00	37.91 -1.62 0.00	34.49 -1.66 0.00	32.22 -0.89 0.00
MCINTYRE_115KV_TB2 80467	38.73 1.56 0.00	35.66 1.40 0.00	33.78 1.17 0.00	32.99 1.08 0.00	33.55 1.13 0.00	38.18 1.43 0.00	58.18 2.77 0.00	72.67 3.33 0.00	47.24 1.24 0.00	35.63 0.66 0.00	31.14 0.52 0.00	31.29 0.61 0.00	28.00 0.47 0.00	25.27 0.35 0.00	24.96 0.30 0.00	26.81 0.34 0.00	33.17 0.52 0.00	49.12 1.38 0.00	60.99 2.29 0.00	59.38 2.17 0.00	46.90 1.59 0.00	40.72 1.19 0.00	37.13 0.98 0.00	33.90 0.79 0.00
MECO_____69_KV_BK1 80468	38.50 1.34 0.00	35.63 1.37 0.00	33.94 1.34 0.00	33.28 1.37 0.00	33.85 1.43 0.00	38.58 1.84 0.00	58.51 3.10 0.00	72.88 3.54 0.00	46.74 0.74 0.00	34.69 -0.28 0.00	29.67 -0.95 0.00	29.45 -1.23 0.00	26.32 -1.21 0.00	23.85 -1.07 0.00	23.70 -0.96 0.00	25.78 -0.69 0.00	32.38 -0.26 0.00	48.92 1.19 0.00	61.22 2.52 0.00	60.19 2.97 0.00	47.72 2.40 0.00	41.51 1.98 0.00	37.81 1.66 0.00	34.63 1.52 0.00
MENANDS___115KV_TB5 355628	37.50 0.33 0.00	34.64 0.38 0.00	32.99 0.39 0.00	32.32 0.41 0.00	32.81 0.39 0.00	37.33 0.59 0.00	56.24 0.83 0.00	70.46 1.11 0.00	46.69 0.69 0.00	35.56 0.59 0.00	31.23 0.49 -0.12	31.10 0.43 0.00	28.57 0.33 -0.70	26.40 0.32 -1.15	26.78 0.35 -1.77	29.55 0.45 -2.63	34.76 0.65 -1.47	48.50 0.76 0.00	59.46 0.76 0.00	58.18 0.97 0.00	46.18 0.86 0.00	40.37 0.83 0.00	37.09 0.94 0.00	33.87 0.76 0.00
MG INDUSTRY___DRP 24185	37.69 0.52 0.00	34.81 0.55 0.00	33.19 0.59 0.00	32.51 0.61 0.00	33.00 0.58 0.00	37.48 0.73 0.00	56.41 1.00 0.00	70.59 1.25 0.00	46.64 0.64 0.00	35.42 0.45 0.00	31.17 0.43 -0.12	30.86 0.18 0.00	28.41 0.17 -0.71	26.27 0.17 -1.17	26.66 0.20 -1.80	29.46 0.32 -2.68	34.69 0.55 -1.49	48.50 0.76 0.00	59.52 0.82 0.00	58.24 1.03 0.00	46.22 0.91 0.00	40.45 0.91 0.00	37.09 0.94 0.00	33.94 0.83 0.00

MID___OSWEGATCHIE_HYD 23849	38.17 1.00 0.00	35.11 0.86 0.00	33.29 0.68 0.00	32.54 0.64 0.00	33.13 0.71 0.00	37.52 0.77 0.00	57.24 1.83 0.00	71.70 2.36 0.00	46.69 0.69 0.00	35.14 0.17 0.00	30.59 -0.03 0.00	30.64 -0.03 0.00	27.48 -0.06 0.00	24.83 -0.10 0.00	24.52 -0.15 0.00	26.31 -0.16 0.00	32.45 -0.20 0.00	48.07 0.33 0.00	59.70 1.00 0.00	58.07 0.86 0.00	45.90 0.59 0.00	39.97 0.43 0.00	36.44 0.29 0.00	33.31 0.20 0.00
MID___RAQUETTE_HYD 23851	38.32 1.15 0.00	35.29 1.03 0.00	33.45 0.85 0.00	32.67 0.77 0.00	33.23 0.81 0.00	37.74 0.99 0.00	57.46 2.05 0.00	71.77 2.43 0.00	46.92 0.92 0.00	35.49 0.52 0.00	30.99 0.37 0.00	31.13 0.46 0.00	27.89 0.36 0.00	25.17 0.25 0.00	24.84 0.17 0.00	26.63 0.16 0.00	32.81 0.16 0.00	48.45 0.72 0.00	59.93 1.23 0.00	58.30 1.09 0.00	46.13 0.82 0.00	40.17 0.63 0.00	36.73 0.58 0.00	33.51 0.40 0.00
MILLIKEN___1 23584	37.69 0.52 0.00	34.77 0.51 0.00	33.06 0.46 0.00	32.38 0.48 0.00	32.94 0.52 0.00	37.22 0.48 0.00	56.30 0.89 0.00	70.39 1.04 0.00	46.74 0.74 0.00	35.18 0.21 0.00	30.63 0.09 0.08	30.67 0.00 0.00	27.12 0.08 0.50	24.16 0.05 0.81	23.44 0.02 1.25	24.66 0.05 1.86	31.62 0.00 1.03	48.07 0.33 0.00	59.70 1.00 0.00	58.01 0.80 0.00	45.86 0.54 0.00	39.93 0.40 0.00	36.37 0.22 0.00	33.44 0.33 0.00
MILLIKEN___2 23585	37.69 0.52 0.00	34.77 0.51 0.00	33.06 0.46 0.00	32.38 0.48 0.00	32.94 0.52 0.00	37.22 0.48 0.00	56.30 0.89 0.00	70.39 1.04 0.00	46.74 0.74 0.00	35.18 0.21 0.00	30.63 0.09 0.08	30.67 0.00 0.00	27.12 0.08 0.50	24.16 0.05 0.81	23.44 0.02 1.25	24.66 0.05 1.86	31.62 0.00 1.03	48.07 0.33 0.00	59.70 1.00 0.00	58.01 0.80 0.00	45.86 0.54 0.00	39.93 0.40 0.00	36.37 0.22 0.00	33.44 0.33 0.00
MILLIKEN___DIESEL 23629	37.69 0.52 0.00	34.77 0.51 0.00	33.06 0.46 0.00	32.38 0.48 0.00	32.94 0.52 0.00	37.22 0.48 0.00	56.30 0.89 0.00	70.39 1.04 0.00	46.74 0.74 0.00	35.18 0.21 0.00	30.63 0.09 0.08	30.67 0.00 0.00	27.12 0.08 0.50	24.16 0.05 0.81	23.44 0.02 1.25	24.66 0.05 1.86	31.62 0.00 1.03	48.07 0.33 0.00	59.70 1.00 0.00	58.01 0.80 0.00	45.86 0.54 0.00	39.93 0.40 0.00	36.37 0.22 0.00	33.44 0.33 0.00
MILLSEAT___LFGE 323607	38.13 0.96 0.00	35.18 0.93 0.00	33.74 1.14 0.00	32.70 0.80 0.00	33.78 1.36 0.00	37.08 0.33 0.00	54.41 -1.00 0.00	66.99 -2.36 0.00	46.05 0.05 0.00	34.44 -0.52 0.00	30.37 -0.18 0.07	30.52 -0.15 0.00	27.33 0.19 0.40	24.60 0.32 0.65	23.64 -0.02 1.00	24.63 -0.34 1.49	30.76 -1.05 0.84	46.40 -1.34 0.00	57.70 -1.00 0.00	55.72 -1.49 0.00	43.69 -1.63 0.00	37.88 -1.66 0.00	34.92 -1.23 0.00	33.14 0.03 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.28 1.11 0.00	35.15 0.89 0.00	33.52 0.91 0.00	32.83 0.93 0.00	33.26 0.84 0.00	37.81 1.07 0.00	56.85 1.44 0.00	71.56 2.22 0.00	47.66 1.66 0.00	36.65 1.68 0.00	32.72 1.65 -0.44	32.27 1.60 0.00	31.70 1.49 -2.68	30.68 1.37 -4.38	32.72 1.31 -6.75	37.94 1.43 -10.04	40.03 1.80 -5.58	49.59 1.86 0.00	60.70 2.00 0.00	59.38 2.17 0.00	47.08 1.77 0.00	41.43 1.90 0.00	37.89 1.74 0.00	34.57 1.46 0.00
MILLWOOD_13_KV_LOAD 356217	38.32 1.15 0.00	35.22 0.96 0.00	33.58 0.98 0.00	32.89 0.99 0.00	33.33 0.91 0.00	37.89 1.14 0.00	56.96 1.55 0.00	71.77 2.43 0.00	47.75 1.75 0.00	36.68 1.71 0.00	32.78 1.71 -0.44	32.30 1.63 0.00	31.72 1.51 -2.68	30.70 1.40 -4.38	32.77 1.36 -6.75	37.97 1.46 -10.04	40.06 1.83 -5.58	49.64 1.91 0.00	60.81 2.11 0.00	59.50 2.29 0.00	47.17 1.86 0.00	41.47 1.94 0.00	37.92 1.77 0.00	34.60 1.49 0.00
MODEL_CITY_ENERGY 24167	37.54 0.37 0.00	34.43 0.17 0.00	33.26 0.65 0.00	32.10 0.19 0.00	33.30 0.88 0.00	36.16 -0.59 0.00	52.64 -2.77 0.00	64.56 -4.78 0.00	44.62 -1.38 0.00	33.53 -1.44 0.00	29.69 -0.86 0.07	29.81 -0.86 0.00	26.73 -0.39 0.42	24.02 -0.22 0.68	23.05 -0.57 1.05	24.00 -0.90 1.56	29.84 -1.93 0.88	44.92 -2.82 0.00	55.82 -2.87 0.00	53.72 -3.49 0.00	42.10 -3.22 0.00	36.61 -2.93 0.00	33.98 -2.17 0.00	32.58 -0.53 0.00
MODERN_LFGE___ 323580	37.54 0.37 0.00	34.43 0.17 0.00	33.26 0.65 0.00	32.10 0.19 0.00	33.30 0.88 0.00	36.16 -0.59 0.00	52.64 -2.77 0.00	64.56 -4.78 0.00	44.62 -1.38 0.00	33.53 -1.44 0.00	29.69 -0.86 0.07	29.81 -0.86 0.00	26.73 -0.39 0.42	24.02 -0.22 0.68	23.05 -0.57 1.05	24.00 -0.90 1.56	29.84 -1.93 0.88	44.92 -2.82 0.00	55.82 -2.87 0.00	53.72 -3.49 0.00	42.10 -3.22 0.00	36.61 -2.93 0.00	33.98 -2.17 0.00	32.58 -0.53 0.00
MOHAWK_PAPER___DRP 24187	37.69 0.52 0.00	34.81 0.55 0.00	33.16 0.55 0.00	32.51 0.61 0.00	33.00 0.58 0.00	37.55 0.81 0.00	56.52 1.11 0.00	70.80 1.46 0.00	46.92 0.92 0.00	35.70 0.73 0.00	31.29 0.55 -0.12	31.16 0.49 0.00	28.61 0.39 -0.69	26.43 0.37 -1.13	26.80 0.39 -1.75	29.57 0.50 -2.60	34.84 0.75 -1.45	48.69 0.95 0.00	59.76 1.06 0.00	58.47 1.26 0.00	46.40 1.09 0.00	40.56 1.03 0.00	37.24 1.08 0.00	34.04 0.93 0.00
MOHICAN___35_KV_115KV_LD 80490	38.06 0.89 0.00	35.25 0.99 0.00	33.65 1.04 0.00	32.99 1.08 0.00	33.52 1.10 0.00	38.07 1.32 0.00	57.51 2.11 0.00	71.91 2.57 0.00	47.15 1.15 0.00	35.56 0.59 0.00	30.84 0.12 -0.10	31.23 0.55 0.00	28.49 0.36 -0.60	26.28 0.37 -0.99	26.60 0.42 -1.52	29.36 0.64 -2.26	34.39 0.49 -1.26	48.92 1.19 0.00	60.34 1.64 0.00	59.33 2.12 0.00	47.04 1.72 0.00	40.96 1.42 0.00	37.49 1.34 0.00	34.37 1.26 0.00
MONGAUP___HYD 23641	38.36 1.19 0.00	35.22 0.96 0.00	33.65 1.04 0.00	32.99 1.09 0.00	33.39 0.97 0.00	37.92 1.18 0.00	57.35 1.94 0.00	71.70 2.36 0.00	47.51 1.52 0.00	36.16 1.19 0.00	30.02 1.16 1.76	31.75 1.07 0.00	17.94 1.02 10.61	8.51 0.95 17.37	-1.15 0.94 26.75	-12.26 1.09 39.81	11.91 1.43 22.17	49.59 1.86 0.00	60.99 2.29 0.00	59.90 2.69 0.00	47.26 1.95 0.00	41.39 1.86 0.00	37.85 1.70 0.00	34.53 1.42 0.00
MONTAUK___DIESEL 23721	37.35 0.22 0.04	28.01 0.10 6.36	28.02 0.20 4.78	28.10 0.26 4.06	28.14 0.23 4.51	37.10 0.40 0.05	44.79 0.55 11.17	49.43 1.53 21.44	45.03 1.10 2.07	32.68 1.33 3.61	32.82 1.78 -0.42	32.30 1.63 0.00	31.60 1.54 -2.52	30.55 1.50 -4.13	32.52 1.50 -6.36	37.68 1.75 -9.46	40.03 2.12 -5.26	49.87 2.15 0.01	60.75 2.05 0.01	59.66 2.46 0.01	47.30 1.99 0.01	41.83 2.29 0.00	37.96 1.81 0.00	34.39 1.29 0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.54 0.37 0.00	34.67 0.41 0.00	33.06 0.46 0.00	32.32 0.41 0.00	32.94 0.52 0.00	36.42 -0.33 0.00	53.86 -1.55 0.00	66.43 -2.91 0.00	45.59 -0.41 0.00	34.20 -0.77 0.00	30.21 -0.34 0.08	30.31 -0.37 0.00	27.34 0.28 0.46	24.59 0.42 0.76	23.44 -0.05 1.17	24.54 -0.19 1.74	30.72 -0.95 0.98	46.78 -0.95 0.00	58.41 -0.29 0.00	55.72 -1.49 0.00	43.19 -2.13 0.00	37.05 -2.49 0.00	34.02 -2.13 0.00	31.95 -1.16 0.00

MORRIS_RIDGE___SOLAR 323848	37.46 0.30 0.00	34.57 0.31 0.00	32.93 0.33 0.00	32.13 0.22 0.00	32.81 0.39 0.00	36.49 -0.26 0.00	54.03 -1.38 0.00	66.64 -2.71 0.00	45.17 -0.83 0.00	33.71 -1.26 0.00	29.71 -0.83 0.09	29.85 -0.83 0.00	26.64 -0.39 0.51	23.79 -0.30 0.84	22.81 -0.57 1.29	23.75 -0.79 1.92	30.10 -1.47 1.08	46.16 -1.57 0.00	57.88 -0.82 0.00	55.61 -1.60 0.00	43.55 -1.77 0.00	37.80 -1.74 0.00	34.52 -1.63 0.00	32.38 -0.73 0.00
MORTIMER_115KV_TB3 55949	37.43 0.26 0.00	34.74 0.48 0.00	33.03 0.42 0.00	32.29 0.38 0.00	33.04 0.62 0.00	36.93 0.18 0.00	54.86 -0.55 0.00	68.03 -1.32 0.00	46.14 0.14 0.00	34.69 -0.28 0.00	30.41 -0.15 0.06	30.55 -0.12 0.00	27.31 0.11 0.34	24.52 0.15 0.55	23.71 -0.10 0.85	24.96 -0.24 1.27	31.35 -0.59 0.71	47.02 -0.72 0.00	58.23 -0.47 0.00	56.52 -0.69 0.00	44.54 -0.77 0.00	38.71 -0.83 0.00	35.46 -0.69 0.00	32.88 -0.23 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.08 0.00	32.99 1.08 0.00	33.46 1.04 0.00	38.00 1.25 0.00	56.96 1.55 0.00	71.84 2.50 0.00	47.89 1.89 0.00	36.96 1.99 0.00	33.00 1.96 -0.42	32.54 1.87 0.00	31.82 1.76 -2.53	30.68 1.62 -4.13	32.61 1.58 -6.37	37.64 1.69 -9.48	40.07 2.15 -5.27	49.83 2.10 0.00	60.87 2.17 0.00	59.44 2.23 0.00	47.22 1.90 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.73 1.62 0.00
MUNSVILLE_WIND_PWR 323609	40.70 3.53 0.00	37.14 2.88 0.00	35.08 2.48 0.00	34.33 2.42 0.00	34.95 2.53 0.00	39.76 3.01 0.00	61.12 5.71 0.00	76.77 7.42 0.00	49.40 3.40 0.00	36.26 1.29 0.00	31.22 0.73 0.13	30.98 0.31 0.00	27.10 0.36 0.79	23.88 0.25 1.29	22.90 0.22 1.99	23.88 0.37 2.96	31.60 0.52 1.56	49.74 2.00 0.00	62.57 3.87 0.00	60.70 3.49 0.00	47.76 2.45 0.00	41.20 1.66 0.00	37.31 1.16 0.00	34.33 1.23 0.00
N SALMON___HYD 24042	38.28 1.11 0.00	35.32 1.06 0.00	33.52 0.91 0.00	32.70 0.80 0.00	33.26 0.84 0.00	37.81 1.07 0.00	57.40 1.99 0.00	71.63 2.29 0.00	47.06 1.06 0.00	35.74 0.77 0.00	31.33 0.70 0.00	31.47 0.80 0.00	28.22 0.69 0.00	25.45 0.52 0.00	25.11 0.44 0.00	26.97 0.50 0.00	33.33 0.69 0.00	49.21 1.48 0.00	60.63 1.93 0.00	58.93 1.71 0.00	46.54 1.22 0.00	40.21 0.67 0.00	36.66 0.51 0.00	33.41 0.30 0.00
N.AKRON__115KV_KNAPP 355671	38.02 0.85 0.00	35.11 0.86 0.00	33.45 0.85 0.00	32.93 1.02 0.00	33.75 1.33 0.00	36.97 0.22 0.00	54.25 -1.16 0.00	66.85 -2.50 0.00	45.95 -0.05 0.00	34.41 -0.56 0.00	30.25 -0.31 0.07	30.34 -0.34 0.00	27.24 0.11 0.40	24.52 0.25 0.66	23.48 -0.17 1.01	24.54 -0.42 1.50	30.69 -1.11 0.84	46.30 -1.43 0.00	57.58 -1.12 0.00	55.55 -1.66 0.00	43.55 -1.77 0.00	37.72 -1.82 0.00	34.85 -1.30 0.00	33.11 0.00 0.00
N.E_GEN_SANDY PD 24062	37.95 0.78 0.00	34.94 0.68 0.00	33.32 0.72 0.00	32.64 0.73 0.00	33.10 0.68 0.00	37.70 0.95 0.00	56.85 1.44 0.00	71.22 1.87 0.00	47.29 1.29 0.00	36.16 1.19 0.00	31.90 1.07 -0.21	31.78 1.10 0.00	29.69 0.91 -1.25	27.82 0.85 -2.05	28.63 0.81 -3.16	32.09 0.93 -4.70	36.53 1.27 -2.61	48.02 1.48 1.19	61.48 1.59 -1.19	58.93 1.71 0.00	46.72 1.41 0.00	41.00 1.46 0.00	37.67 1.52 0.00	34.33 1.23 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.28 1.11 0.00	35.11 0.86 0.00	33.52 0.91 0.00	32.83 0.93 0.00	33.26 0.84 0.00	37.81 1.07 0.00	56.96 1.55 0.00	71.63 2.29 0.00	47.66 1.66 0.00	36.58 1.61 0.00	32.77 1.59 -0.56	32.21 1.53 0.00	32.34 1.43 -3.37	31.77 1.32 -5.52	34.45 1.28 -8.50	40.53 1.40 -12.66	41.44 1.76 -7.03	49.64 1.91 0.00	60.81 2.11 0.00	59.50 2.29 0.00	47.13 1.81 0.00	41.43 1.90 0.00	37.89 1.74 0.00	34.57 1.46 0.00
N.QUEENS_27_KV_LOAD 356247	38.77 1.60 -0.01	35.60 1.34 -0.01	33.92 1.30 -0.01	33.22 1.31 -0.01	33.66 1.23 -0.01	38.00 1.25 0.00	56.57 1.16 0.01	71.56 2.22 0.00	47.75 1.75 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.70 2.02 0.00	31.98 1.93 -2.52	30.82 1.77 -4.13	32.74 1.70 -6.37	37.78 1.83 -9.48	40.24 2.32 -5.28	49.74 2.00 0.00	60.46 1.76 0.00	59.03 1.83 0.01	46.99 1.68 0.00	41.63 2.10 0.00	38.21 2.06 0.00	35.00 1.89 0.00
N.TROY___115KV_TB1 355778	37.95 0.78 0.00	35.01 0.75 0.00	33.35 0.75 0.00	32.70 0.80 0.00	33.20 0.78 0.00	37.78 1.03 0.00	56.96 1.55 0.00	71.29 1.94 0.00	47.20 1.20 0.00	35.88 0.91 0.00	31.47 0.73 -0.11	31.41 0.74 0.00	28.77 0.55 -0.68	26.59 0.55 -1.12	26.93 0.54 -1.72	29.72 0.69 -2.56	34.99 0.91 -1.43	49.02 1.29 0.00	60.23 1.53 0.00	58.93 1.72 0.00	46.72 1.40 0.00	40.84 1.30 0.00	37.49 1.34 0.00	34.23 1.13 0.00
NARROWS_GT1_1 24228	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NARROWS_GT1_2 24229	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NARROWS_GT1_3 24230	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NARROWS_GT1_4 24231	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NARROWS_GT1_5 24232	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00

NARROWS_GT1_6 24233	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NARROWS_GT1_7 24234	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NARROWS_GT1_8 24235	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NARROWS_GT2_1 24236	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NARROWS_GT2_2 24237	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NARROWS_GT2_3 24238	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NARROWS_GT2_4 24239	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NARROWS_GT2_5 24240	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NARROWS_GT2_6 24241	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NARROWS_GT2_7 24242	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NARROWS_GT2_8 24243	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.06 0.89 0.00	35.18 0.92 0.00	33.55 0.95 0.00	32.93 1.02 0.00	33.39 0.97 0.00	37.96 1.21 0.00	57.40 1.99 0.00	71.50 2.15 0.00	47.06 1.06 0.00	35.49 0.52 0.00	31.28 0.52 -0.14	30.73 0.06 0.00	28.63 0.25 -0.85	26.59 0.27 -1.39	27.12 0.32 -2.14	30.16 0.50 -3.19	35.30 0.88 -1.77	48.92 1.19 0.00	60.23 1.53 0.00	59.10 1.89 0.00	46.72 1.40 0.00	40.72 1.19 0.00	37.42 1.27 0.00	34.17 1.06 0.00
NCHELSEA_115KV_TR2 355582	38.47 1.30 0.00	35.35 1.10 0.00	33.74 1.14 0.00	33.05 1.15 0.00	33.49 1.07 0.00	38.07 1.32 0.00	57.40 1.99 0.00	72.05 2.70 0.00	47.84 1.84 0.00	36.61 1.64 0.00	32.58 1.56 -0.40	32.11 1.44 0.00	31.26 1.35 -2.38	30.06 1.25 -3.89	31.89 1.23 -5.99	36.76 1.38 -8.92	39.40 1.80 -4.96	49.78 2.05 0.00	61.05 2.35 0.00	59.78 2.57 0.00	47.31 1.99 0.00	41.51 1.98 0.00	37.99 1.84 0.00	34.67 1.56 0.00
NEG CAPITAL___MECHNVIL 23645	38.28 1.11 0.00	35.39 1.13 0.00	33.71 1.11 0.00	33.05 1.15 0.00	33.59 1.17 0.00	38.18 1.43 0.00	57.63 2.22 0.00	72.05 2.70 0.00	47.47 1.47 0.00	35.95 0.98 0.00	31.31 0.58 -0.10	31.16 0.49 0.00	28.50 0.33 -0.63	26.28 0.32 -1.03	26.60 0.35 -1.59	29.34 0.50 -2.37	34.88 0.91 -1.32	49.30 1.57 0.00	60.70 2.00 0.00	59.50 2.29 0.00	47.17 1.86 0.00	41.20 1.66 0.00	37.70 1.55 0.00	34.50 1.39 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.72 -0.44 0.00	34.02 -0.24 0.00	32.34 -0.26 0.00	31.62 -0.29 0.00	32.32 -0.10 0.00	36.27 -0.48 0.00	54.08 -1.33 0.00	67.12 -2.22 0.00	45.40 -0.60 0.00	34.13 -0.84 0.00	29.98 -0.64 0.00	30.09 -0.58 0.00	27.17 -0.36 0.00	24.50 -0.42 0.00	24.10 -0.57 0.00	25.81 -0.66 0.00	31.54 -1.11 0.00	46.35 -1.39 0.00	57.29 -1.41 0.00	55.72 -1.49 0.00	43.91 -1.41 0.00	38.19 -1.34 0.00	34.88 -1.27 0.00	32.25 -0.86 0.00



NEG CENTRAL___DRP 24199	37.31 0.15 0.00	34.46 0.21 0.00	32.80 0.20 0.00	32.10 0.19 0.00	32.71 0.29 0.00	36.86 0.11 0.00	55.41 0.00 0.00	69.14 -0.21 0.00	46.23 0.23 0.00	34.86 -0.10 0.00	30.50 -0.12 0.00	30.49 -0.18 0.00	27.51 -0.03 0.00	24.88 -0.05 0.00	24.54 -0.12 0.00	26.31 -0.16 0.00	32.32 -0.33 0.00	47.45 -0.29 0.00	58.93 0.23 0.00	57.15 -0.06 0.00	45.13 -0.18 0.00	39.34 -0.20 0.00	35.86 -0.29 0.00	33.04 -0.07 0.00
NEG CENTRAL___INDECK 23768	38.54 1.38 0.00	35.70 1.44 0.00	33.94 1.34 0.00	33.12 1.21 0.00	33.91 1.49 0.00	37.96 1.21 0.00	56.57 1.17 0.00	70.11 0.76 0.00	47.24 1.24 0.00	35.07 0.11 0.00	30.67 0.12 0.07	30.77 0.09 0.00	27.44 0.36 0.45	24.54 0.35 0.73	23.69 0.15 1.12	24.82 0.03 1.67	31.51 -0.19 0.94	48.21 0.48 0.00	60.29 1.59 0.00	58.41 1.20 0.00	45.86 0.55 0.00	39.70 0.16 0.00	36.11 -0.04 0.00	33.57 0.46 0.00
NEG CENTRAL___SENECA 23627	37.58 0.41 0.00	34.74 0.48 0.00	33.06 0.46 0.00	32.35 0.45 0.00	33.00 0.58 0.00	37.08 0.33 0.00	55.58 0.17 0.00	69.21 -0.14 0.00	46.46 0.46 0.00	34.93 -0.03 0.00	30.50 -0.06 0.06	30.58 -0.09 0.00	27.27 0.11 0.38	24.39 0.07 0.61	23.64 -0.07 0.95	24.98 -0.08 1.41	31.56 -0.29 0.79	47.54 -0.19 0.00	59.17 0.47 0.00	57.32 0.11 0.00	45.18 -0.14 0.00	39.38 -0.16 0.00	35.86 -0.29 0.00	33.14 0.03 0.00
NEG CENTRAL___STATE_STREET 24147	37.13 -0.04 0.00	34.26 0.00 0.00	32.60 0.00 0.00	31.91 0.00 0.00	32.48 0.06 0.00	36.71 -0.04 0.00	55.41 0.00 0.00	69.28 -0.07 0.00	46.18 0.18 0.00	34.83 -0.14 0.00	30.44 -0.18 0.00	30.46 -0.21 0.00	27.42 -0.11 0.00	24.80 -0.12 0.00	24.52 -0.15 0.00	26.31 -0.16 0.00	32.35 -0.29 0.00	47.59 -0.14 0.00	58.88 0.18 0.00	57.27 0.06 0.00	45.27 -0.05 0.00	39.46 -0.08 0.00	35.93 -0.22 0.00	33.04 -0.07 0.00
NEG MILLWOOD___DRP 24198	38.50 1.34 0.00	35.42 1.16 0.00	33.78 1.17 0.00	33.09 1.18 0.00	33.52 1.10 0.00	38.14 1.40 0.00	57.51 2.11 0.00	72.26 2.91 0.00	48.07 2.07 0.00	36.79 1.82 0.00	32.71 1.71 -0.37	32.30 1.63 0.00	31.24 1.46 -2.24	29.97 1.37 -3.67	31.65 1.33 -5.66	36.35 1.46 -8.42	39.19 1.86 -4.68	49.88 2.15 0.00	61.17 2.47 0.00	59.90 2.69 0.00	47.40 2.08 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.73 1.62 0.00
NEG NORTH_FLCN_SEA 23793	38.54 1.38 0.00	35.59 1.34 0.00	33.84 1.24 0.00	33.02 1.12 0.00	33.55 1.13 0.00	38.07 1.32 0.00	57.63 2.22 0.00	71.91 2.57 0.00	47.38 1.38 0.00	36.05 1.08 0.00	31.63 1.01 0.00	31.84 1.17 0.00	28.52 0.99 0.00	25.72 0.80 0.00	25.38 0.72 0.00	27.26 0.79 0.00	33.66 1.01 0.00	49.64 1.91 0.00	61.05 2.35 0.00	59.33 2.12 0.00	46.67 1.36 0.00	40.25 0.71 0.00	36.62 0.47 0.00	33.31 0.20 0.00
NEG NORTH_KES_CHATEGAY 23792	37.87 0.71 0.00	34.98 0.72 0.00	33.22 0.62 0.00	32.42 0.51 0.00	32.94 0.52 0.00	37.41 0.66 0.00	56.57 1.16 0.00	70.66 1.32 0.00	46.55 0.55 0.00	35.42 0.45 0.00	31.02 0.40 0.00	31.19 0.52 0.00	27.95 0.41 0.00	25.25 0.32 0.00	24.93 0.27 0.00	26.79 0.32 0.00	33.10 0.46 0.00	48.69 0.95 0.00	59.93 1.23 0.00	58.24 1.03 0.00	45.95 0.63 0.00	39.77 0.24 0.00	36.22 0.07 0.00	33.04 -0.07 0.00
NEG NORTH___ALICE_FALLS 23915	38.50 1.34 0.00	35.56 1.30 0.00	33.78 1.17 0.00	32.96 1.05 0.00	33.49 1.07 0.00	38.03 1.29 0.00	57.63 2.22 0.00	71.91 2.57 0.00	47.33 1.33 0.00	35.98 1.01 0.00	31.54 0.92 0.00	31.75 1.07 0.00	28.44 0.91 0.00	25.65 0.72 0.00	25.33 0.67 0.00	27.21 0.74 0.00	33.66 1.01 0.00	49.64 1.91 0.00	61.11 2.41 0.00	59.33 2.12 0.00	46.72 1.40 0.00	40.29 0.75 0.00	36.66 0.51 0.00	33.34 0.23 0.00
NEG NORTH___LWR_SARANAC 23913	38.50 1.34 0.00	35.56 1.30 0.00	33.78 1.17 0.00	32.96 1.05 0.00	33.49 1.07 0.00	38.03 1.29 0.00	57.63 2.22 0.00	71.91 2.57 0.00	47.33 1.33 0.00	35.98 1.01 0.00	31.54 0.92 0.00	31.75 1.07 0.00	28.44 0.91 0.00	25.65 0.72 0.00	25.33 0.67 0.00	27.21 0.74 0.00	33.66 1.01 0.00	49.64 1.91 0.00	61.11 2.41 0.00	59.33 2.12 0.00	46.72 1.40 0.00	40.29 0.75 0.00	36.66 0.51 0.00	33.34 0.23 0.00
NEG NORTH___PLATTSBURG 23628	38.50 1.34 0.00	35.56 1.30 0.00	33.78 1.17 0.00	32.96 1.05 0.00	33.49 1.07 0.00	38.03 1.29 0.00	57.63 2.22 0.00	71.91 2.57 0.00	47.33 1.33 0.00	35.98 1.01 0.00	31.54 0.92 0.00	31.72 1.04 0.00	28.44 0.91 0.00	25.65 0.72 0.00	25.33 0.67 0.00	27.21 0.74 0.00	33.66 1.01 0.00	49.64 1.91 0.00	61.11 2.41 0.00	59.33 2.12 0.00	46.76 1.45 0.00	40.29 0.75 0.00	36.66 0.51 0.00	33.34 0.23 0.00
NEG WEST_LEA_LOCKPORT 23791	37.61 0.45 0.00	34.70 0.45 0.00	33.13 0.52 0.00	32.61 0.70 0.00	33.39 0.97 0.00	36.42 -0.33 0.00	53.19 -2.22 0.00	65.32 -4.02 0.00	45.08 -0.92 0.00	33.85 -1.12 0.00	29.85 -0.70 0.07	29.94 -0.74 0.00	26.93 -0.19 0.41	24.22 -0.02 0.68	23.15 -0.47 1.04	24.20 -0.71 1.55	30.14 -1.63 0.87	45.39 -2.34 0.00	56.47 -2.23 0.00	54.29 -2.92 0.00	42.55 -2.76 0.00	36.97 -2.57 0.00	34.31 -1.84 0.00	32.68 -0.43 0.00
NEG WEST___LANCASTER 23811	36.94 -0.22 0.00	34.16 -0.10 0.00	32.67 0.07 0.00	31.97 0.06 0.00	32.65 0.23 0.00	36.12 -0.62 0.00	53.36 -2.05 0.00	65.74 -3.61 0.00	45.03 -0.97 0.00	33.74 -1.22 0.00	29.75 -0.80 0.08	29.85 -0.83 0.00	26.79 -0.28 0.47	24.01 -0.15 0.76	22.89 -0.59 1.18	23.98 -0.74 1.75	30.03 -1.63 0.98	45.63 -2.10 0.00	57.06 -1.64 0.00	54.75 -2.46 0.00	42.82 -2.49 0.00	37.09 -2.45 0.00	34.16 -1.99 0.00	32.21 -0.89 0.00
NEG_PENN_ALLEGHNY 23528	37.46 0.30 0.00	34.53 0.27 0.00	32.93 0.33 0.00	32.22 0.32 0.00	32.78 0.36 0.00	36.97 0.22 0.00	55.63 0.22 0.00	69.35 0.00 0.00	46.37 0.37 0.00	35.04 0.07 0.00	30.65 0.15 0.13	30.83 0.15 0.00	27.01 0.25 0.77	23.89 0.22 1.25	22.88 0.15 1.93	23.73 0.13 2.88	30.97 -0.07 1.62	47.78 0.05 0.00	59.23 0.53 0.00	57.50 0.29 0.00	45.45 0.14 0.00	39.62 0.08 0.00	36.15 0.00 0.00	33.34 0.23 0.00
NEG___GEN_MONROE 24207	37.72 0.56 0.00	35.01 0.75 0.00	33.29 0.68 0.00	32.54 0.64 0.00	33.29 0.88 0.00	37.15 0.40 0.00	55.08 -0.33 0.00	68.10 -1.25 0.00	46.23 0.23 0.00	34.72 -0.24 0.00	30.41 -0.15 0.06	30.55 -0.12 0.00	27.33 0.14 0.34	24.54 0.17 0.56	23.71 -0.10 0.86	24.90 -0.29 1.28	31.18 -0.75 0.72	46.82 -0.91 0.00	58.05 -0.65 0.00	56.41 -0.80 0.00	44.41 -0.91 0.00	38.59 -0.95 0.00	35.43 -0.72 0.00	33.04 -0.07 0.00
NEPA___ENERGY 23901	37.43 0.26 0.00	34.60 0.34 0.00	33.09 0.49 0.00	32.38 0.48 0.00	33.04 0.62 0.00	36.64 -0.11 0.00	54.13 -1.27 0.00	66.64 -2.70 0.00	45.59 -0.41 0.00	34.13 -0.84 0.00	30.14 -0.40 0.08	30.27 -0.40 0.00	27.18 0.11 0.47	24.38 0.22 0.77	23.26 -0.22 1.18	24.37 -0.34 1.76	30.52 -1.14 0.99	46.40 -1.34 0.00	58.00 -0.70 0.00	55.67 -1.54 0.00	43.55 -1.77 0.00	37.68 -1.86 0.00	34.67 -1.48 0.00	32.65 -0.46 0.00

NEVERSINK___HYD 23608	38.36 1.19 0.00	35.22 0.96 0.00	33.62 1.01 0.00	32.96 1.05 0.00	33.39 0.97 0.00	37.92 1.18 0.00	57.35 1.94 0.00	71.84 2.49 0.00	47.61 1.61 0.00	36.26 1.29 0.00	31.79 1.26 0.08	31.84 1.17 0.00	28.14 1.10 0.50	25.11 1.00 0.81	24.40 0.99 1.25	25.75 1.14 1.86	33.12 1.50 1.03	49.59 1.86 0.00	60.99 2.29 0.00	59.79 2.58 0.00	47.22 1.90 0.00	41.36 1.82 0.00	37.81 1.66 0.00	34.50 1.39 0.00
NEWKRMKL_115KV_TB1 55635	37.28 0.11 0.00	34.46 0.21 0.00	32.83 0.23 0.00	32.16 0.26 0.00	32.65 0.23 0.00	37.15 0.40 0.00	55.91 0.50 0.00	70.04 0.69 0.00	46.41 0.41 0.00	35.35 0.38 0.00	31.01 0.28 -0.11	30.86 0.18 0.00	28.35 0.14 -0.68	26.22 0.17 -1.12	26.56 0.17 -1.72	29.29 0.26 -2.56	34.53 0.46 -1.42	48.16 0.43 0.00	59.05 0.35 0.00	57.78 0.57 0.00	45.86 0.54 0.00	40.13 0.59 0.00	36.87 0.72 0.00	33.67 0.56 0.00
NEWTON___FALLS_HYD 23847	38.17 1.00 0.00	35.11 0.86 0.00	33.29 0.68 0.00	32.54 0.64 0.00	33.13 0.71 0.00	37.52 0.77 0.00	57.24 1.83 0.00	71.70 2.36 0.00	46.69 0.69 0.00	35.14 0.17 0.00	30.59 -0.03 0.00	30.64 -0.03 0.00	27.48 -0.06 0.00	24.83 -0.10 0.00	24.52 -0.15 0.00	26.31 -0.16 0.00	32.45 -0.20 0.00	48.07 0.33 0.00	59.70 1.00 0.00	58.07 0.86 0.00	45.90 0.59 0.00	39.97 0.43 0.00	36.44 0.29 0.00	33.31 0.20 0.00
NGRID_A1_DSASP 323792	36.79 -0.37 0.00	34.77 0.51 0.00	32.67 0.07 0.00	32.45 0.54 0.00	32.71 0.29 0.00	36.27 -0.48 0.00	52.25 -3.16 0.00	63.94 -5.41 0.00	44.25 -1.75 0.00	33.33 -1.64 0.00	29.51 -1.04 0.07	29.63 -1.04 0.00	26.59 -0.52 0.42	23.88 -0.35 0.69	22.90 -0.69 1.08	23.85 -1.03 1.58	29.63 -2.12 0.89	44.48 -3.25 0.00	55.29 -3.41 0.00	53.20 -4.01 0.00	41.73 -3.58 0.00	36.34 -3.20 0.00	33.78 -2.35 0.02	31.98 -1.13 0.00
NGRID_A2_DSASP 323793	36.79 -0.37 0.00	34.77 0.51 0.00	32.67 0.07 0.00	32.45 0.54 0.00	32.71 0.29 0.00	36.27 -0.48 0.00	52.25 -3.16 0.00	63.94 -5.41 0.00	44.25 -1.75 0.00	33.33 -1.64 0.00	29.51 -1.04 0.07	29.63 -1.04 0.00	26.59 -0.52 0.42	23.88 -0.35 0.69	22.90 -0.69 1.08	23.85 -1.03 1.58	29.63 -2.12 0.89	44.48 -3.25 0.00	55.29 -3.41 0.00	53.20 -4.01 0.00	41.73 -3.58 0.00	36.34 -3.20 0.00	33.78 -2.35 0.02	31.98 -1.13 0.00
NGRID_A4_DSASP 323807	36.79 -0.37 0.00	34.77 0.51 0.00	32.67 0.07 0.00	32.45 0.54 0.00	32.71 0.29 0.00	36.27 -0.48 0.00	52.25 -3.16 0.00	63.94 -5.41 0.00	44.25 -1.75 0.00	33.33 -1.64 0.00	29.51 -1.04 0.07	29.63 -1.04 0.00	26.59 -0.52 0.42	23.88 -0.35 0.69	22.90 -0.69 1.08	23.85 -1.03 1.58	29.63 -2.12 0.89	44.48 -3.25 0.00	55.29 -3.41 0.00	53.20 -4.01 0.00	41.73 -3.58 0.00	36.34 -3.20 0.00	33.78 -2.35 0.02	31.98 -1.13 0.00
NIAGARA_115E_LBMP 323715	37.46 0.30 0.00	34.29 0.03 0.00	33.22 0.62 0.00	31.97 0.06 0.00	33.26 0.84 0.00	35.97 -0.77 0.00	52.36 -3.05 0.00	64.14 -5.20 0.00	44.35 -1.65 0.00	33.36 -1.61 0.00	29.54 -1.01 0.07	29.66 -1.01 0.00	26.59 -0.52 0.42	23.91 -0.32 0.69	22.94 -0.66 1.06	23.88 -1.01 1.58	29.67 -2.09 0.89	44.63 -3.10 0.00	55.53 -3.17 0.00	53.38 -3.83 0.00	41.87 -3.45 0.00	36.41 -3.12 0.00	33.84 -2.31 0.00	32.51 -0.60 0.00
NIAGARA_115W_LBMP 323714	36.68 -0.48 0.00	34.74 0.48 0.00	32.60 0.00 0.00	32.41 0.51 0.00	32.65 0.23 0.00	36.20 -0.55 0.00	52.09 -3.32 0.00	63.80 -5.55 0.00	44.11 -1.89 0.00	33.22 -1.75 0.00	29.45 -1.10 0.07	29.57 -1.10 0.00	26.51 -0.61 0.42	23.81 -0.42 0.69	22.82 -0.76 1.08	23.77 -1.11 1.58	29.57 -2.19 0.89	44.39 -3.34 0.00	55.18 -3.52 0.00	53.09 -4.12 0.00	41.65 -3.67 0.00	36.26 -3.28 0.00	33.71 -2.42 0.02	31.92 -1.19 0.00
NIAGARA_230_LBMP 323716	37.20 0.04 0.00	34.53 0.27 0.00	32.93 0.33 0.00	32.22 0.32 0.00	32.97 0.55 0.00	36.31 -0.44 0.00	52.86 -2.55 0.00	64.77 -4.58 0.00	44.76 -1.24 0.00	33.67 -1.29 0.00	29.82 -0.74 0.07	29.97 -0.70 0.00	26.87 -0.25 0.42	24.14 -0.10 0.69	23.16 -0.44 1.06	24.16 -0.74 1.57	30.00 -1.76 0.88	45.06 -2.67 0.00	56.06 -2.64 0.00	53.95 -3.26 0.00	42.32 -2.99 0.00	36.85 -2.69 0.00	34.23 -1.92 0.00	32.41 -0.70 0.00
NIAGARA___115KV_198_GIBSON 55903	36.65 -0.52 0.00	34.74 0.48 0.00	33.16 0.55 0.00	31.87 -0.03 0.00	32.65 0.23 0.00	36.08 -0.66 0.00	52.08 -3.32 0.00	63.80 -5.55 0.00	44.11 -1.89 0.00	33.22 -1.75 0.00	29.36 -1.19 0.07	29.42 -1.26 0.00	26.45 -0.66 0.42	23.79 -0.45 0.69	22.72 -0.86 1.08	23.72 -1.16 1.58	29.54 -2.22 0.89	44.39 -3.34 0.00	55.18 -3.52 0.00	53.09 -4.12 0.00	41.64 -3.67 0.00	36.22 -3.32 0.00	33.71 -2.42 0.02	31.92 -1.19 0.00
NIAGARA____ 23760	37.20 0.04 0.00	34.53 0.27 0.00	32.93 0.33 0.00	32.22 0.32 0.00	32.97 0.55 0.00	36.31 -0.44 0.00	52.86 -2.55 0.00	64.77 -4.58 0.00	44.76 -1.24 0.00	33.67 -1.29 0.00	29.82 -0.74 0.07	29.97 -0.70 0.00	26.86 -0.25 0.42	24.14 -0.10 0.69	23.15 -0.44 1.07	24.15 -0.74 1.58	30.00 -1.76 0.89	45.06 -2.67 0.00	56.06 -2.64 0.00	53.95 -3.26 0.00	42.32 -2.99 0.00	36.85 -2.69 0.00	34.22 -1.92 0.01	32.41 -0.70 0.00
NINE_MILE_1 23575	36.09 -1.08 0.00	33.26 -0.99 0.00	31.66 -0.95 0.00	30.98 -0.93 0.00	31.51 -0.91 0.00	35.64 -1.10 0.00	53.75 -1.66 0.00	67.27 -2.08 0.00	44.71 -1.29 0.00	33.92 -1.05 0.00	29.70 -0.92 0.00	29.75 -0.92 0.00	26.73 -0.80 0.00	24.20 -0.72 0.00	23.97 -0.69 0.00	25.70 -0.77 0.00	31.60 -1.05 0.00	46.25 -1.48 0.00	56.94 -1.76 0.00	55.50 -1.71 0.00	43.91 -1.41 0.00	38.31 -1.23 0.00	35.03 -1.12 0.00	32.15 -0.96 0.00
NINE_MILE_2 23744	36.09 -1.08 0.00	33.26 -0.99 0.00	31.66 -0.95 0.00	30.98 -0.93 0.00	31.51 -0.91 0.00	35.64 -1.10 0.00	53.75 -1.66 0.00	67.27 -2.08 0.00	44.71 -1.29 0.00	33.92 -1.05 0.00	29.70 -0.92 0.00	29.75 -0.92 0.00	26.73 -0.80 0.00	24.20 -0.72 0.00	23.97 -0.69 0.00	25.70 -0.77 0.00	31.60 -1.05 0.00	46.25 -1.48 0.00	57.00 -1.70 0.00	55.50 -1.71 0.00	43.91 -1.41 0.00	38.31 -1.23 0.00	35.03 -1.12 0.00	32.15 -0.96 0.00
NM_CAPITAL___DRP 24208	37.43 0.26 0.00	34.57 0.31 0.00	32.93 0.33 0.00	32.26 0.35 0.00	32.74 0.32 0.00	37.26 0.51 0.00	56.07 0.66 0.00	70.32 0.97 0.00	46.60 0.60 0.00	35.49 0.52 0.00	31.17 0.43 -0.12	31.04 0.37 0.00	28.51 0.28 -0.70	26.38 0.30 -1.15	26.73 0.30 -1.77	29.51 0.40 -2.64	34.70 0.59 -1.47	48.35 0.62 0.00	59.29 0.59 0.00	58.01 0.80 0.00	46.04 0.73 0.00	40.29 0.75 0.00	37.02 0.87 0.00	33.80 0.70 0.00
NM_CENTRAL___DRP 24181	36.68 -0.48 0.00	33.85 -0.41 0.00	32.21 -0.39 0.00	31.52 -0.38 0.00	32.06 -0.36 0.00	36.23 -0.51 0.00	54.69 -0.72 0.00	68.44 -0.90 0.00	45.54 -0.46 0.00	34.55 -0.42 0.00	30.22 -0.40 0.00	30.24 -0.43 0.00	27.18 -0.36 0.00	24.60 -0.32 0.00	24.34 -0.32 0.00	26.10 -0.37 0.00	32.12 -0.52 0.00	47.02 -0.72 0.00	58.00 -0.70 0.00	56.47 -0.74 0.00	44.68 -0.63 0.00	39.02 -0.51 0.00	35.61 -0.54 0.00	32.71 -0.40 0.00

NM_FRONTIER___DRP 24179	36.65 -0.52 0.00	34.74 0.48 0.00	33.16 0.55 0.00	31.87 -0.03 0.00	32.65 0.23 0.00	36.08 -0.66 0.00	52.08 -3.32 0.00	63.80 -5.55 0.00	44.11 -1.89 0.00	33.22 -1.75 0.00	29.36 -1.19 0.07	29.42 -1.26 0.00	26.45 -0.66 0.42	23.79 -0.45 0.69	22.72 -0.86 1.08	23.72 -1.16 1.58	29.54 -2.22 0.89	44.39 -3.34 0.00	55.18 -3.52 0.00	53.09 -4.12 0.00	41.64 -3.67 0.00	36.22 -3.32 0.00	33.71 -2.42 0.02	31.92 -1.19 0.00
NM_ST_REGIS___HYD 24053	38.32 1.15 0.00	35.32 1.06 0.00	33.52 0.91 0.00	32.70 0.80 0.00	33.26 0.84 0.00	37.78 1.03 0.00	57.46 2.05 0.00	71.84 2.50 0.00	46.97 0.97 0.00	35.56 0.59 0.00	31.11 0.49 0.00	31.26 0.58 0.00	28.00 0.47 0.00	25.25 0.32 0.00	24.93 0.27 0.00	26.73 0.26 0.00	32.97 0.33 0.00	48.64 0.91 0.00	60.17 1.47 0.00	58.53 1.32 0.00	46.27 0.95 0.00	40.21 0.67 0.00	36.73 0.58 0.00	33.51 0.40 0.00
NORTHPORT___1 23551	37.43 0.26 0.00	34.32 0.07 0.01	32.69 0.10 0.01	31.99 0.10 0.01	32.44 0.03 0.01	36.89 0.15 0.01	43.80 -0.28 11.33	44.54 0.21 25.01	44.13 0.23 2.10	35.90 0.94 0.01	32.36 1.32 -0.42	31.90 1.23 0.00	31.21 1.16 -2.52	30.17 1.12 -4.13	32.16 1.14 -6.36	37.17 1.24 -9.46	39.44 1.53 -5.26	48.49 0.76 0.01	59.05 0.35 0.01	57.83 0.63 0.01	45.85 0.55 0.01	40.60 1.07 0.00	37.31 1.16 0.00	33.86 0.76 0.01
NORTHPORT___2 23552	37.46 0.30 0.00	34.35 0.10 0.01	32.73 0.13 0.01	32.06 0.16 0.01	32.51 0.10 0.01	36.92 0.18 0.01	44.02 -0.06 11.33	48.08 0.49 21.75	44.31 0.41 2.10	35.94 0.98 0.01	32.42 1.38 -0.42	31.96 1.29 0.00	31.24 1.18 -2.52	30.22 1.17 -4.13	32.18 1.16 -6.36	37.17 1.24 -9.46	39.44 1.53 -5.26	48.49 0.76 0.01	59.05 0.35 0.01	57.83 0.63 0.01	45.85 0.55 0.01	40.60 1.07 0.00	37.31 1.16 0.00	33.86 0.76 0.01
NORTHPORT___3 23553	37.46 0.30 0.00	34.35 0.10 0.01	32.73 0.13 0.01	32.06 0.16 0.01	32.51 0.10 0.01	36.92 0.18 0.01	44.02 -0.06 11.33	48.08 0.49 21.75	44.31 0.41 2.10	35.94 0.98 0.01	32.42 1.38 -0.42	31.96 1.29 0.00	31.24 1.18 -2.52	30.22 1.17 -4.13	32.18 1.16 -6.36	37.17 1.24 -9.46	39.44 1.53 -5.26	48.49 0.76 0.01	59.05 0.35 0.01	57.83 0.63 0.01	45.85 0.55 0.01	40.60 1.07 0.00	37.31 1.16 0.00	33.86 0.76 0.01
NORTHPORT___4 23650	37.50 0.33 0.00	34.72 0.14 -0.33	33.01 0.16 -0.24	32.31 0.19 -0.21	32.78 0.13 -0.23	36.96 0.22 0.01	43.91 -0.33 11.17	47.91 0.00 21.43	44.11 0.18 2.07	36.17 1.01 -0.18	32.42 1.38 -0.42	31.96 1.29 0.00	31.24 1.18 -2.52	30.22 1.17 -4.13	32.18 1.16 -6.36	37.20 1.27 -9.46	39.44 1.53 -5.26	41.94 0.62 6.41	46.55 0.24 12.39	41.94 0.51 15.78	41.94 0.45 3.83	40.56 1.03 0.00	37.38 1.23 0.00	33.93 0.83 0.01
NORTHPORT___IC 23718	37.43 0.26 0.00	34.32 0.07 0.01	32.69 0.10 0.01	31.99 0.10 0.01	32.44 0.03 0.01	36.89 0.15 0.01	43.80 -0.28 11.33	44.54 0.21 25.01	44.17 0.28 2.10	35.90 0.94 0.01	32.36 1.32 -0.42	31.87 1.20 0.00	31.18 1.13 -2.52	30.17 1.12 -4.13	32.15 1.13 -6.36	37.17 1.24 -9.46	39.44 1.53 -5.26	48.49 0.76 0.01	59.04 0.35 0.01	57.83 0.63 0.01	45.90 0.59 0.01	40.76 1.23 0.00	37.27 1.12 0.00	33.86 0.76 0.01
NORTH___COUNTRY_ESR 323785	37.84 0.67 0.00	34.91 0.65 0.00	33.16 0.55 0.00	32.38 0.48 0.00	32.91 0.49 0.00	37.33 0.59 0.00	56.41 1.00 0.00	70.52 1.18 0.00	46.51 0.51 0.00	35.39 0.42 0.00	31.02 0.40 0.00	31.16 0.49 0.00	27.95 0.41 0.00	25.25 0.32 0.00	24.94 0.27 0.00	26.76 0.29 0.00	33.04 0.39 0.00	48.59 0.86 0.00	59.81 1.11 0.00	58.12 0.91 0.00	45.86 0.55 0.00	39.70 0.16 0.00	36.15 0.00 0.00	32.98 -0.13 0.00
NPX_GEN_1385_PROXY 323591	37.43 0.26 0.00	34.32 0.07 0.01	32.69 0.10 0.01	31.99 0.10 0.01	32.44 0.03 0.01	36.89 0.15 0.01	43.80 -0.28 11.33	44.54 0.21 25.01	44.13 0.23 2.10	35.90 0.94 0.01	32.36 1.32 -0.42	31.90 1.23 0.00	31.21 1.16 -2.52	30.17 1.12 -4.13	32.16 1.14 -6.36	37.09 1.16 -9.46	39.21 1.31 -5.26	47.15 0.62 1.20	59.89 0.00 -1.19	57.49 0.29 0.01	45.54 0.23 0.01	40.33 0.79 0.00	37.09 0.94 0.00	33.63 0.53 0.01
NPX_GEN_CSC 323557	36.79 -0.34 0.04	27.40 -0.48 6.37	27.39 -0.42 4.79	27.45 -0.38 4.08	27.45 -0.45 4.52	36.29 -0.40 0.05	43.40 -0.83 11.18	47.55 -0.35 21.45	43.69 -0.23 2.08	31.76 0.42 3.62	31.93 0.89 -0.42	31.47 0.80 0.00	30.82 0.77 -2.52	29.85 0.80 -4.13	31.81 0.79 -6.36	36.83 0.90 -9.46	39.12 1.21 -5.26	47.11 0.57 1.20	59.94 0.06 -1.19	57.66 0.46 0.01	45.71 0.41 0.01	40.37 0.83 0.00	36.94 0.79 0.00	33.43 0.33 0.01
NSINS_S_GLNS_FALLS 23858	37.98 0.82 0.00	35.22 0.96 0.00	33.58 0.98 0.00	32.93 1.02 0.00	33.46 1.04 0.00	38.00 1.25 0.00	57.40 1.99 0.00	71.77 2.43 0.00	47.06 1.06 0.00	35.49 0.52 0.00	30.78 0.06 -0.10	31.23 0.55 0.00	28.49 0.36 -0.60	26.28 0.37 -0.98	26.59 0.42 -1.51	29.35 0.64 -2.25	34.32 0.42 -1.25	48.83 1.10 0.00	60.23 1.53 0.00	59.16 1.95 0.00	46.95 1.63 0.00	40.88 1.34 0.00	37.42 1.27 0.00	34.30 1.19 0.00
NUCOR_STEEL___DRP 24197	37.17 0.00 0.00	34.33 0.07 0.00	32.64 0.03 0.00	31.97 0.06 0.00	32.55 0.13 0.00	36.75 0.00 0.00	55.52 0.11 0.00	69.35 0.00 0.00	46.18 0.18 0.00	34.86 -0.10 0.00	30.50 -0.12 0.00	30.49 -0.18 0.00	27.45 -0.08 0.00	24.83 -0.10 0.00	24.54 -0.12 0.00	26.34 -0.13 0.00	32.38 -0.26 0.00	47.59 -0.14 0.00	58.88 0.18 0.00	57.27 0.06 0.00	45.27 -0.05 0.00	39.46 -0.08 0.00	35.97 -0.18 0.00	33.08 -0.03 0.00
NUMBER_THREE_WT_PWR 323818	38.17 1.00 0.00	35.05 0.79 0.00	33.22 0.62 0.00	32.54 0.64 0.00	33.13 0.71 0.00	37.33 0.59 0.00	57.02 1.61 0.00	71.42 2.08 0.00	46.51 0.51 0.00	34.86 -0.10 0.00	30.31 -0.31 0.00	30.27 -0.40 0.00	27.20 -0.33 0.00	24.63 -0.30 0.00	24.32 -0.35 0.00	26.12 -0.34 0.00	32.29 -0.36 0.00	47.83 0.10 0.00	59.58 0.88 0.00	57.90 0.69 0.00	45.72 0.41 0.00	39.73 0.20 0.00	36.15 0.00 0.00	33.08 -0.03 0.00
NYISO_LBMP_REFERENCE 24008	37.17 0.00 0.00	34.26 0.00 0.00	32.60 0.00 0.00	31.91 0.00 0.00	32.42 0.00 0.00	36.75 0.00 0.00	55.41 0.00 0.00	69.35 0.00 0.00	46.00 0.00 0.00	34.97 0.00 0.00	30.62 0.00 0.00	30.67 0.00 0.00	27.53 0.00 0.00	24.92 0.00 0.00	24.66 0.00 0.00	26.47 0.00 0.00	32.65 0.00 0.00	47.73 0.00 0.00	58.70 0.00 0.00	57.21 0.00 0.00	45.31 0.00 0.00	39.54 0.00 0.00	36.15 0.00 0.00	33.11 0.00 0.00
NYPA_BRENTWD____GT 24164	37.79 0.63 0.00	34.02 0.41 0.65	32.57 0.46 0.49	31.94 0.45 0.42	32.35 0.39 0.46	37.29 0.55 0.01	44.53 -0.11 10.77	49.16 0.49 20.67	44.37 0.37 2.00	35.85 1.26 0.37	32.60 1.56 -0.42	32.12 1.44 0.00	31.38 1.32 -2.52	30.35 1.30 -4.13	32.33 1.31 -6.36	37.39 1.45 -9.46	39.77 1.86 -5.26	49.11 1.39 0.01	59.87 1.17 0.01	58.69 1.48 0.01	46.44 1.13 0.01	41.04 1.50 0.00	37.63 1.48 0.00	34.13 1.03 0.01

NYPA_GOWANUS____GT5 24156	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NYPA_GOWANUS____GT6 24157	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.51 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.73 1.70 -6.37	37.78 1.82 -9.48	40.21 2.28 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.78 0.01	46.90 1.59 0.00	41.59 2.05 0.00	38.25 2.10 0.00	34.96 1.85 0.00
NYPA_HARLEM__RVR__GT1 24160	38.70 1.52 -0.01	35.53 1.27 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.89 1.14 0.00	56.51 1.11 0.01	71.42 2.08 0.00	47.65 1.65 0.00	37.11 2.13 -0.01	33.05 2.02 -0.41	32.69 2.02 0.01	31.93 1.87 -2.52	30.77 1.72 -4.13	32.68 1.65 -6.36	37.69 1.75 -9.48	40.15 2.22 -5.28	49.58 1.86 0.01	60.28 1.59 0.01	58.86 1.66 0.01	46.85 1.54 0.01	41.55 2.02 0.00	38.14 1.99 0.00	34.93 1.82 0.00
NYPA_HARLEM__RVR__GT2 24161	38.70 1.52 -0.01	35.53 1.27 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.89 1.14 0.00	56.51 1.11 0.01	71.42 2.08 0.00	47.65 1.65 0.00	37.11 2.13 -0.01	33.05 2.02 -0.41	32.69 2.02 0.01	31.93 1.87 -2.52	30.77 1.72 -4.13	32.68 1.65 -6.36	37.69 1.75 -9.48	40.15 2.22 -5.28	49.58 1.86 0.01	60.28 1.59 0.01	58.86 1.66 0.01	46.85 1.54 0.01	41.55 2.02 0.00	38.14 1.99 0.00	34.93 1.82 0.00
NYPA_KENT____GT 24152	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.03 1.29 0.00	56.51 1.11 0.01	71.42 2.08 0.00	47.70 1.70 0.00	37.15 2.17 -0.01	33.12 2.08 -0.42	32.76 2.09 0.00	32.00 1.93 -2.54	30.84 1.77 -4.14	32.76 1.73 -6.37	37.78 1.82 -9.48	40.25 2.32 -5.28	49.74 2.00 0.00	60.52 1.82 0.00	59.09 1.89 0.01	46.99 1.68 0.00	41.63 2.09 0.00	38.21 2.06 0.00	34.93 1.82 0.00
NYPA_POUCH1____GT 24155	38.73 1.56 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	38.00 1.25 0.00	56.12 0.72 0.01	70.94 1.60 0.00	47.33 1.33 0.00	37.07 2.10 -0.01	33.06 2.02 -0.42	32.70 2.02 0.00	31.91 1.84 -2.54	30.79 1.72 -4.14	32.71 1.68 -6.37	37.78 1.82 -9.48	40.18 2.25 -5.28	49.50 1.77 0.00	60.22 1.52 0.00	58.80 1.60 0.01	46.72 1.41 0.00	41.51 1.98 0.00	38.25 2.10 0.00	35.00 1.89 0.00
NYPA_VERNON____GT2 24162	38.77 1.60 -0.01	35.54 1.27 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.03 1.29 0.00	56.68 1.28 0.01	71.63 2.29 0.00	47.84 1.84 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.79 2.11 0.00	32.02 1.96 -2.54	30.84 1.77 -4.15	32.76 1.73 -6.37	37.80 1.85 -9.48	40.25 2.32 -5.28	49.83 2.10 0.00	60.63 1.93 0.00	59.15 1.95 0.01	47.08 1.77 0.00	41.67 2.13 0.00	38.21 2.06 0.00	34.90 1.79 0.00
NYPA_VERNON____GT3 24163	38.77 1.60 -0.01	35.54 1.27 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.03 1.29 0.00	56.68 1.28 0.01	71.63 2.29 0.00	47.84 1.84 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.79 2.11 0.00	32.02 1.96 -2.54	30.84 1.77 -4.15	32.76 1.73 -6.37	37.80 1.85 -9.48	40.25 2.32 -5.28	49.83 2.10 0.00	60.63 1.93 0.00	59.15 1.95 0.01	47.08 1.77 0.00	41.67 2.13 0.00	38.21 2.06 0.00	34.90 1.79 0.00
NYPA__ASTORIA_CC1 323568	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	38.03 1.29 0.00	56.57 1.17 0.01	71.56 2.22 0.00	47.79 1.79 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.76 2.09 0.00	32.02 1.96 -2.54	30.84 1.77 -4.14	32.76 1.73 -6.37	37.78 1.82 -9.48	40.25 2.32 -5.28	49.78 2.05 0.00	60.52 1.82 0.00	59.03 1.83 0.01	47.04 1.72 0.00	41.63 2.09 0.00	38.21 2.06 0.00	34.90 1.79 0.00
NYPA__ASTORIA_CC2 323569	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	38.03 1.29 0.00	56.57 1.17 0.01	71.56 2.22 0.00	47.79 1.79 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.76 2.09 0.00	32.02 1.96 -2.54	30.84 1.77 -4.14	32.76 1.73 -6.37	37.78 1.82 -9.48	40.25 2.32 -5.28	49.78 2.05 0.00	60.52 1.82 0.00	59.03 1.83 0.01	47.04 1.72 0.00	41.63 2.09 0.00	38.21 2.06 0.00	34.90 1.79 0.00
NYPA__HOLTSVILL 23794	37.16 0.04 0.04	27.74 -0.14 6.38	27.71 -0.10 4.79	27.76 -0.06 4.08	27.73 -0.16 4.52	36.62 -0.07 0.05	43.82 -0.39 11.20	47.98 0.14 21.50	44.10 0.18 2.08	32.11 0.77 3.63	32.20 1.16 -0.42	31.75 1.07 0.00	31.07 1.02 -2.52	30.07 1.02 -4.13	32.03 1.01 -6.36	37.07 1.14 -9.46	39.38 1.47 -5.26	48.63 0.90 0.01	59.16 0.47 0.01	58.00 0.80 0.01	45.99 0.68 0.01	40.64 1.11 0.00	37.20 1.05 0.00	33.70 0.60 0.01
NYPA____HELLGATE_GT1 24158	38.70 1.52 -0.01	35.53 1.27 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.89 1.14 0.00	56.51 1.11 0.01	71.42 2.08 0.00	47.65 1.65 0.00	37.11 2.13 -0.01	33.05 2.02 -0.41	32.69 2.02 0.01	31.93 1.87 -2.52	30.77 1.72 -4.13	32.68 1.65 -6.36	37.69 1.75 -9.48	40.15 2.22 -5.28	49.58 1.86 0.01	60.28 1.59 0.01	58.86 1.66 0.01	46.85 1.54 0.01	41.55 2.02 0.00	38.14 1.99 0.00	34.93 1.82 0.00
NYPA____HELLGATE_GT2 24159	38.70 1.52 -0.01	35.53 1.27 -0.01	33.88 1.27 -0.01	33.19 1.28 -0.01	33.63 1.20 -0.01	37.89 1.14 0.00	56.51 1.11 0.01	71.42 2.08 0.00	47.65 1.65 0.00	37.11 2.13 -0.01	33.05 2.02 -0.41	32.69 2.02 0.01	31.93 1.87 -2.52	30.77 1.72 -4.13	32.68 1.65 -6.36	37.69 1.75 -9.48	40.15 2.22 -5.28	49.58 1.86 0.01	60.28 1.59 0.01	58.86 1.66 0.01	46.85 1.54 0.01	41.55 2.02 0.00	38.14 1.99 0.00	34.93 1.82 0.00
NYS_BARGE__HYD 23848	37.72 0.56 0.00	34.70 0.44 0.00	33.42 0.82 0.00	32.35 0.45 0.00	33.46 1.04 0.00	36.45 -0.30 0.00	53.19 -2.22 0.00	65.32 -4.02 0.00	45.08 -0.92 0.00	33.85 -1.12 0.00	29.94 -0.61 0.07	30.06 -0.61 0.00	26.96 -0.16 0.41	24.25 0.00 0.67	23.26 -0.37 1.03	24.24 -0.69 1.54	30.15 -1.63 0.86	45.39 -2.34 0.00	56.47 -2.23 0.00	54.29 -2.92 0.00	42.55 -2.77 0.00	36.97 -2.57 0.00	34.27 -1.88 0.00	32.75 -0.36 0.00
OAK ORCHARD__HYD 24046	37.46 0.30 0.00	34.74 0.48 0.00	33.03 0.42 0.00	32.29 0.38 0.00	33.03 0.61 0.00	36.97 0.22 0.00	54.86 -0.55 0.00	68.03 -1.32 0.00	46.14 0.14 0.00	34.69 -0.28 0.06	30.47 -0.09 0.00	30.64 -0.03 0.00	27.36 0.17 0.34	24.55 0.18 0.55	23.79 -0.02 0.85	25.02 -0.18 1.27	31.35 -0.59 0.71	47.02 -0.71 0.00	58.23 -0.47 0.00	56.53 -0.68 0.00	44.54 -0.77 0.00	38.70 -0.83 0.00	35.46 -0.69 0.00	32.88 -0.23 0.00

OAKDALE___35_KV_LOAD 356122	37.28 0.11 0.00	34.40 0.14 0.00	32.77 0.16 0.00	32.10 0.19 0.00	32.65 0.23 0.00	36.78 0.04 0.00	55.35 -0.06 0.00	69.00 -0.35 0.00	46.14 0.14 0.00	34.90 -0.07 0.00	30.49 0.00 0.13	30.64 -0.03 0.00	26.88 0.11 0.76	23.78 0.10 1.24	22.75 0.00 1.92	23.61 0.00 2.85	30.84 -0.20 1.61	47.59 -0.14 0.00	58.93 0.23 0.00	57.21 0.00 0.00	45.27 -0.05 0.00	39.42 -0.12 0.00	36.01 -0.14 0.00	33.21 0.10 0.00
OCC_CHEM___DRP 24175	36.76 -0.41 0.00	34.77 0.51 0.00	33.19 0.59 0.00	31.94 0.03 0.00	32.71 0.29 0.00	36.16 -0.59 0.00	52.25 -3.16 0.00	63.94 -5.41 0.00	44.25 -1.75 0.00	33.32 -1.64 0.00	29.42 -1.13 0.07	29.51 -1.17 0.00	26.51 -0.61 0.42	23.84 -0.40 0.69	22.77 -0.81 1.08	23.80 -1.09 1.58	29.63 -2.12 0.89	44.49 -3.25 0.00	55.30 -3.40 0.00	53.21 -4.00 0.00	41.74 -3.58 0.00	36.29 -3.24 0.00	33.78 -2.35 0.02	31.98 -1.13 0.00
OH_GEN_PROXY 24063	37.17 0.00 0.00	34.50 0.24 0.00	32.90 0.29 0.00	32.16 0.25 0.00	32.94 0.52 0.00	36.31 -0.44 0.00	52.92 -2.49 0.00	64.91 -4.44 0.00	44.76 -1.24 0.00	33.71 -1.26 0.00	29.85 -0.70 0.07	30.00 -0.67 0.00	26.86 -0.25 0.42	24.13 -0.10 0.69	23.18 -0.42 1.06	24.17 -0.71 1.59	30.06 -1.70 0.89	43.96 -2.58 1.19	57.37 -2.52 -1.19	54.06 -3.15 0.00	42.46 -2.85 0.00	36.93 -2.61 0.00	34.27 -1.88 0.00	32.41 -0.70 0.00
OLIN_CORP_DRP 24177	37.43 0.26 0.00	34.33 0.07 0.00	32.77 0.16 0.00	32.45 0.54 0.00	33.23 0.81 0.00	35.97 -0.77 0.00	52.47 -2.94 0.00	64.35 -4.99 0.00	44.48 -1.52 0.00	33.43 -1.54 0.00	29.51 -1.04 0.07	29.60 -1.07 0.00	26.59 -0.52 0.42	23.91 -0.32 0.69	22.86 -0.74 1.07	23.87 -1.01 1.59	29.76 -1.99 0.89	44.72 -3.01 0.00	55.65 -3.05 0.00	53.49 -3.72 0.00	41.96 -3.35 0.00	36.45 -3.08 0.00	33.91 -2.24 0.00	32.51 -0.60 0.00
OLIN_CORP_DSASP 323712	36.79 -0.37 0.00	34.77 0.51 0.00	32.67 0.07 0.00	32.45 0.54 0.00	32.71 0.29 0.00	36.27 -0.48 0.00	52.25 -3.16 0.00	63.94 -5.41 0.00	44.25 -1.75 0.00	33.33 -1.64 0.00	29.51 -1.04 0.07	29.63 -1.04 0.00	26.59 -0.52 0.42	23.88 -0.35 0.69	22.90 -0.69 1.08	23.85 -1.03 1.58	29.63 -2.12 0.89	44.48 -3.25 0.00	55.29 -3.41 0.00	53.20 -4.01 0.00	41.73 -3.58 0.00	36.34 -3.20 0.00	33.78 -2.35 0.02	31.98 -1.13 0.00
ONEIDA_HERK_LFGE 323681	37.98 0.82 0.00	34.91 0.65 0.00	33.16 0.55 0.00	32.48 0.57 0.00	33.03 0.61 0.00	37.41 0.66 0.00	56.85 1.44 0.00	71.28 1.94 0.00	46.69 0.69 0.00	35.18 0.21 0.00	30.68 0.06 0.00	30.61 -0.06 0.00	27.51 -0.03 0.00	24.90 -0.02 0.00	24.61 -0.05 0.00	26.44 -0.03 0.00	32.68 0.03 0.00	48.21 0.48 0.00	59.81 1.11 0.00	58.24 1.03 0.00	46.04 0.72 0.00	40.05 0.51 0.00	36.48 0.32 0.00	33.41 0.30 0.00
ONEIDA___115KV_TB4 55905	37.95 0.78 0.00	34.91 0.65 0.00	33.16 0.55 0.00	32.51 0.61 0.00	33.07 0.65 0.00	37.48 0.73 0.00	56.91 1.50 0.00	71.29 1.94 0.00	46.92 0.92 0.00	35.35 0.38 0.00	30.84 0.21 0.00	30.80 0.12 0.00	27.67 0.14 0.00	25.00 0.07 0.00	24.76 0.10 0.00	26.60 0.13 0.00	32.84 0.20 0.00	48.40 0.67 0.00	60.05 1.35 0.00	58.47 1.26 0.00	46.18 0.86 0.00	40.21 0.67 0.00	36.66 0.51 0.00	33.61 0.50 0.00
ONONDAGA_REF_OCCRA 23987	36.83 -0.33 0.00	33.95 -0.31 0.00	32.31 -0.29 0.00	31.65 -0.26 0.00	32.19 -0.23 0.00	36.38 -0.37 0.00	54.97 -0.44 0.00	68.72 -0.62 0.00	45.72 -0.28 0.00	34.65 -0.31 0.00	30.31 -0.31 0.00	30.31 -0.37 0.00	27.26 -0.28 0.00	24.68 -0.25 0.00	24.42 -0.25 0.00	26.18 -0.29 0.00	32.22 -0.42 0.00	47.21 -0.53 0.00	58.29 -0.41 0.00	56.75 -0.46 0.00	44.91 -0.41 0.00	39.18 -0.36 0.00	35.75 -0.40 0.00	32.84 -0.26 0.00
ONONDAGA___COGEN 23986	36.87 -0.30 0.00	34.02 -0.24 0.00	32.34 -0.26 0.00	31.68 -0.22 0.00	32.23 -0.19 0.00	36.42 -0.33 0.00	55.02 -0.39 0.00	68.86 -0.49 0.00	45.82 -0.18 0.00	34.69 -0.28 0.00	30.31 -0.31 0.00	30.34 -0.34 0.00	27.29 -0.25 0.00	24.68 -0.25 0.00	24.44 -0.22 0.00	26.20 -0.26 0.00	32.25 -0.39 0.00	47.25 -0.48 0.00	58.35 -0.35 0.00	56.81 -0.40 0.00	44.95 -0.36 0.00	39.22 -0.32 0.00	35.79 -0.36 0.00	32.84 -0.26 0.00
ONTARIO___LFGE 23819	37.61 0.45 0.00	34.74 0.48 0.00	33.06 0.46 0.00	32.35 0.45 0.00	33.00 0.58 0.00	37.11 0.37 0.00	55.58 0.17 0.00	69.21 -0.14 0.00	46.46 0.46 0.00	34.93 -0.03 0.00	30.56 0.00 0.06	30.67 0.00 0.00	27.30 0.14 0.38	24.41 0.10 0.61	23.72 0.00 0.95	25.01 -0.05 1.41	31.56 -0.29 0.79	47.54 -0.19 0.00	59.17 0.47 0.00	57.33 0.11 0.00	45.18 -0.14 0.00	39.38 -0.16 0.00	35.86 -0.29 0.00	33.14 0.03 0.00
ORANGEVILLE_WT_PWR 323706	37.39 0.22 0.00	34.53 0.27 0.00	32.90 0.29 0.00	32.10 0.19 0.00	32.84 0.42 0.00	36.38 -0.37 0.00	53.63 -1.78 0.00	66.02 -3.33 0.00	45.08 -0.92 0.00	33.71 -1.26 0.00	29.78 -0.76 0.08	29.91 -0.77 0.00	26.75 -0.30 0.49	23.96 -0.17 0.80	22.95 -0.49 1.22	23.90 -0.74 1.82	30.09 -1.53 1.02	45.92 -1.81 0.00	57.41 -1.29 0.00	55.09 -2.12 0.00	43.10 -2.22 0.00	37.36 -2.17 0.00	34.23 -1.92 0.00	32.22 -0.89 0.00
ORANGEVILLE___ESR 323794	37.39 0.22 0.00	34.53 0.27 0.00	32.90 0.29 0.00	32.10 0.19 0.00	32.84 0.42 0.00	36.38 -0.37 0.00	53.63 -1.78 0.00	66.02 -3.33 0.00	45.08 -0.92 0.00	33.71 -1.26 0.00	29.78 -0.76 0.08	29.91 -0.77 0.00	26.75 -0.30 0.49	23.96 -0.17 0.80	22.95 -0.49 1.22	23.90 -0.74 1.82	30.09 -1.53 1.02	45.92 -1.81 0.00	57.41 -1.29 0.00	55.09 -2.12 0.00	43.10 -2.22 0.00	37.36 -2.17 0.00	34.23 -1.92 0.00	32.22 -0.89 0.00
OSWEGATCHIE___HYD 24044	38.17 1.00 0.00	35.12 0.86 0.00	33.29 0.69 0.00	32.54 0.64 0.00	33.13 0.71 0.00	37.52 0.77 0.00	57.24 1.83 0.00	71.70 2.36 0.00	46.69 0.69 0.00	35.14 0.18 0.00	30.62 0.00 0.00	30.64 -0.03 0.00	27.48 -0.05 0.00	24.85 -0.07 0.00	24.52 -0.15 0.00	26.31 -0.16 0.00	32.45 -0.19 0.00	48.07 0.34 0.00	59.70 1.00 0.00	58.07 0.86 0.00	45.95 0.63 0.00	39.97 0.44 0.00	36.44 0.29 0.00	33.31 0.20 0.00
OSWEGO___5 23606	36.35 -0.82 0.00	33.50 -0.75 0.00	31.89 -0.72 0.00	31.23 -0.67 0.00	31.77 -0.65 0.00	35.90 -0.84 0.00	54.14 -1.27 0.00	67.75 -1.59 0.00	45.03 -0.97 0.00	34.17 -0.80 0.00	29.92 -0.70 0.00	29.97 -0.70 0.00	26.93 -0.61 0.00	24.38 -0.55 0.00	24.14 -0.52 0.00	25.86 -0.61 0.00	31.83 -0.81 0.00	46.59 -1.15 0.00	57.41 -1.29 0.00	55.90 -1.31 0.00	44.23 -1.09 0.00	38.59 -0.95 0.00	35.25 -0.90 0.00	32.38 -0.73 0.00
OSWEGO___6 23613	36.35 -0.82 0.00	33.50 -0.75 0.00	31.89 -0.72 0.00	31.23 -0.67 0.00	31.77 -0.65 0.00	35.90 -0.84 0.00	54.14 -1.27 0.00	67.75 -1.59 0.00	45.03 -0.97 0.00	34.17 -0.80 0.00	29.92 -0.70 0.00	29.97 -0.70 0.00	26.93 -0.61 0.00	24.38 -0.55 0.00	24.14 -0.52 0.00	25.86 -0.61 0.00	31.83 -0.81 0.00	46.59 -1.15 0.00	57.41 -1.29 0.00	55.90 -1.31 0.00	44.23 -1.09 0.00	38.59 -0.95 0.00	35.25 -0.90 0.00	32.38 -0.73 0.00

OUTOKUMPU-AB___DRP 24206	37.58 0.41 0.00	35.05 0.79 0.00	33.45 0.85 0.00	32.61 0.70 0.00	33.36 0.94 0.00	36.67 -0.07 0.00	53.47 -1.94 0.00	65.67 -3.68 0.00	45.36 -0.64 0.00	34.06 -0.91 0.00	30.03 -0.52 0.07	30.09 -0.58 0.00	27.08 -0.03 0.43	24.35 0.12 0.70	23.24 -0.35 1.08	24.29 -0.58 1.60	30.28 -1.47 0.90	45.63 -2.10 0.00	56.82 -1.88 0.00	54.52 -2.69 0.00	42.69 -2.63 0.00	37.05 -2.49 0.00	34.37 -1.77 0.01	32.61 -0.50 0.00
OXBOW___BTM 323836	37.24 0.07 0.00	34.98 0.72 0.00	33.06 0.46 0.00	32.61 0.70 0.00	33.10 0.68 0.00	36.56 -0.18 0.00	52.92 -2.49 0.00	64.91 -4.44 0.00	44.89 -1.10 0.00	33.74 -1.22 0.00	29.88 -0.67 0.07	29.97 -0.70 0.00	26.89 -0.22 0.42	24.18 -0.05 0.69	23.17 -0.42 1.08	24.14 -0.74 1.59	29.99 -1.76 0.89	45.15 -2.58 0.00	56.18 -2.52 0.00	53.95 -3.26 0.00	42.28 -3.04 0.00	36.73 -2.81 0.00	34.11 -2.02 0.01	32.35 -0.76 0.00
OXBOW___ 24026	37.20 0.04 0.00	34.98 0.72 0.00	33.39 0.78 0.00	32.32 0.41 0.00	33.10 0.68 0.00	36.49 -0.26 0.00	52.92 -2.49 0.00	64.91 -4.44 0.00	44.90 -1.10 0.00	33.74 -1.22 0.00	29.78 -0.77 0.07	29.85 -0.83 0.00	26.83 -0.28 0.42	24.13 -0.10 0.69	23.04 -0.54 1.08	24.08 -0.79 1.59	29.99 -1.76 0.89	45.15 -2.58 0.00	56.18 -2.52 0.00	53.95 -3.26 0.00	42.28 -3.04 0.00	36.73 -2.81 0.00	34.11 -2.02 0.01	32.35 -0.76 0.00
OXY_CHEM_DSASP 323612	36.76 -0.41 0.00	34.77 0.51 0.00	33.19 0.59 0.00	31.94 0.03 0.00	32.71 0.29 0.00	36.16 -0.59 0.00	52.25 -3.16 0.00	63.94 -5.41 0.00	44.25 -1.75 0.00	33.32 -1.64 0.00	29.42 -1.13 0.07	29.51 -1.17 0.00	26.51 -0.61 0.42	23.84 -0.40 0.69	22.77 -0.81 1.08	23.80 -1.09 1.58	29.63 -2.12 0.89	44.49 -3.25 0.00	55.30 -3.40 0.00	53.21 -4.00 0.00	41.74 -3.58 0.00	36.29 -3.24 0.00	33.78 -2.35 0.02	31.98 -1.13 0.00
OZONE_PARK_ESR 323760	38.84 1.67 0.00	35.59 1.34 0.00	33.91 1.30 0.00	33.18 1.28 0.00	33.65 1.23 0.00	38.22 1.47 0.00	57.35 1.94 0.00	72.47 3.12 0.00	48.30 2.30 0.00	37.28 2.31 0.00	33.31 2.27 -0.42	32.82 2.15 0.00	32.10 2.04 -2.53	30.91 1.84 -4.14	32.84 1.80 -6.37	37.89 1.93 -9.49	40.37 2.45 -5.28	50.31 2.58 0.00	61.46 2.76 0.00	59.96 2.75 0.00	47.58 2.27 0.00	41.95 2.41 0.00	38.36 2.21 0.00	35.00 1.89 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.76 -0.41 0.00	34.77 0.51 0.00	33.19 0.59 0.00	31.94 0.03 0.00	32.71 0.29 0.00	36.16 -0.59 0.00	52.25 -3.16 0.00	63.94 -5.41 0.00	44.25 -1.75 0.00	33.32 -1.64 0.00	29.42 -1.13 0.07	29.51 -1.17 0.00	26.51 -0.61 0.42	23.84 -0.40 0.69	22.77 -0.81 1.08	23.80 -1.09 1.58	29.63 -2.12 0.89	44.49 -3.25 0.00	55.30 -3.40 0.00	53.21 -4.00 0.00	41.74 -3.58 0.00	36.29 -3.24 0.00	33.78 -2.35 0.02	31.98 -1.13 0.00
PACKARD___115KV_DUPONT_184 80571	36.76 -0.41 0.00	34.77 0.51 0.00	33.19 0.59 0.00	31.94 0.03 0.00	32.71 0.29 0.00	36.16 -0.59 0.00	52.25 -3.16 0.00	63.94 -5.41 0.00	44.25 -1.75 0.00	33.32 -1.64 0.00	29.42 -1.13 0.07	29.51 -1.17 0.00	26.51 -0.61 0.42	23.84 -0.40 0.69	22.77 -0.81 1.08	23.80 -1.09 1.58	29.63 -2.12 0.89	44.49 -3.25 0.00	55.30 -3.40 0.00	53.21 -4.00 0.00	41.74 -3.58 0.00	36.29 -3.24 0.00	33.78 -2.35 0.02	31.98 -1.13 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	38.74 1.56 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	37.96 1.21 0.00	56.51 1.11 0.01	71.43 2.08 0.00	47.66 1.66 0.00	37.11 2.13 -0.01	33.03 1.99 -0.42	32.57 1.90 0.00	31.87 1.82 -2.52	30.72 1.67 -4.13	32.64 1.60 -6.37	37.67 1.72 -9.48	40.11 2.19 -5.28	49.59 1.86 0.00	60.28 1.58 0.00	58.86 1.66 0.01	46.86 1.54 0.00	41.51 1.98 0.00	38.10 1.95 0.00	34.86 1.75 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.11 1.93 -0.01	35.91 1.64 -0.01	34.21 1.60 -0.01	33.51 1.60 -0.01	33.98 1.56 -0.01	38.36 1.62 0.00	57.12 1.72 0.01	72.19 2.84 0.00	48.16 2.16 0.00	37.42 2.45 -0.01	33.31 2.27 -0.42	32.85 2.18 0.00	32.12 2.07 -2.52	30.95 1.89 -4.13	32.86 1.83 -6.37	37.91 1.96 -9.48	40.41 2.48 -5.28	50.02 2.29 0.00	60.87 2.17 0.00	59.38 2.17 0.01	47.31 1.99 0.00	41.87 2.33 0.00	38.43 2.28 0.00	35.19 2.09 0.00
PATROON___115KV_TB1 80586	37.39 0.22 0.00	34.57 0.31 0.00	32.93 0.33 0.00	32.26 0.35 0.00	32.74 0.32 0.00	37.26 0.51 0.00	56.07 0.66 0.00	70.25 0.90 0.00	46.55 0.55 0.00	35.42 0.45 0.00	31.07 0.34 -0.11	30.92 0.25 0.00	28.40 0.19 -0.68	26.23 0.20 -1.11	26.59 0.22 -1.71	29.33 0.32 -2.54	34.58 0.52 -1.41	48.30 0.57 0.00	59.23 0.53 0.00	57.95 0.74 0.00	45.99 0.68 0.00	40.25 0.71 0.00	36.98 0.83 0.00	33.77 0.66 0.00
PATTRSNVILLE___SOLAR 323815	37.91 0.74 0.00	35.01 0.75 0.00	33.35 0.75 0.00	32.67 0.76 0.00	33.20 0.78 0.00	37.74 0.99 0.00	57.02 1.61 0.00	71.22 1.87 0.00	46.51 0.51 0.00	35.07 0.11 0.00	30.52 -0.18 -0.08	30.34 -0.34 0.00	27.64 -0.36 -0.47	25.39 -0.30 -0.76	25.57 -0.27 -1.17	28.08 -0.13 -1.75	33.75 0.13 -0.97	48.49 0.76 0.00	60.11 1.41 0.00	58.87 1.66 0.00	46.67 1.36 0.00	40.72 1.18 0.00	37.23 1.08 0.00	34.07 0.96 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	37.28 0.11 0.00	34.46 0.21 0.00	32.93 0.33 0.00	32.29 0.38 0.00	32.97 0.55 0.00	36.38 -0.37 0.00	53.64 -1.77 0.00	66.02 -3.33 0.00	45.36 -0.64 0.00	33.99 -0.98 0.00	29.96 -0.58 0.08	30.06 -0.61 0.00	27.00 -0.08 0.46	24.23 0.05 0.75	23.12 -0.39 1.15	24.18 -0.58 1.71	30.25 -1.44 0.96	45.87 -1.86 0.00	57.29 -1.41 0.00	54.98 -2.23 0.00	42.96 -2.36 0.00	37.20 -2.33 0.00	34.34 -1.81 0.00	32.45 -0.66 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	38.50 1.34 0.00	35.42 1.16 0.00	33.78 1.17 0.00	33.09 1.18 0.00	33.52 1.10 0.00	38.14 1.40 0.00	57.51 2.11 0.00	72.26 2.91 0.00	48.07 2.07 0.00	36.79 1.82 0.00	32.71 1.71 -0.37	32.30 1.63 0.00	31.24 1.46 -2.24	29.97 1.37 -3.67	31.65 1.33 -5.66	36.35 1.46 -8.42	39.19 1.86 -4.68	49.88 2.15 0.00	61.17 2.47 0.00	59.90 2.69 0.00	47.40 2.08 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.73 1.62 0.00
PEEKSKILL___ 23653	38.24 1.08 0.00	35.12 0.86 0.00	33.48 0.88 0.00	32.80 0.89 0.00	33.23 0.81 0.00	37.77 1.03 0.00	56.85 1.44 0.00	71.56 2.22 0.00	47.61 1.61 0.00	36.58 1.61 0.00	32.71 1.62 -0.47	32.27 1.59 0.00	31.81 1.46 -2.81	30.88 1.35 -4.61	33.07 1.31 -7.10	38.43 1.40 -10.56	40.28 1.76 -5.87	49.54 1.81 0.00	60.70 2.00 0.00	59.38 2.17 0.00	47.04 1.72 0.00	41.39 1.86 0.00	37.85 1.70 0.00	34.53 1.42 0.00
PGE MADISON___WINDPWR 24146	40.66 3.49 0.00	37.14 2.88 0.00	35.05 2.45 0.00	34.33 2.42 0.00	34.95 2.53 0.00	39.76 3.01 0.00	61.12 5.71 0.00	76.77 7.42 0.00	49.40 3.40 0.00	36.26 1.29 0.00	31.10 0.61 0.13	30.92 0.25 0.00	27.05 0.30 0.79	23.76 0.12 1.29	22.85 0.17 1.99	23.85 0.34 2.96	31.61 0.52 1.56	49.74 2.00 0.00	62.57 3.87 0.00	60.70 3.49 0.00	47.76 2.45 0.00	41.20 1.66 0.00	37.31 1.16 0.00	34.33 1.23 0.00

PIERCEFIELD___HYD 23852	38.32 1.15 0.00	35.29 1.03 0.00	33.45 0.85 0.00	32.67 0.77 0.00	33.23 0.81 0.00	37.74 0.99 0.00	57.46 2.05 0.00	71.77 2.43 0.00	46.92 0.92 0.00	35.49 0.52 0.00	30.99 0.37 0.00	31.13 0.46 0.00	27.89 0.36 0.00	25.17 0.25 0.00	24.84 0.17 0.00	26.63 0.16 0.00	32.81 0.16 0.00	48.45 0.72 0.00	59.93 1.23 0.00	58.30 1.09 0.00	46.13 0.82 0.00	40.17 0.63 0.00	36.73 0.58 0.00	33.51 0.40 0.00
PINELAWN_CC_1 323563	37.65 0.48 0.00	34.27 0.31 0.30	32.70 0.33 0.22	32.03 0.32 0.19	32.47 0.26 0.21	37.10 0.37 0.01	46.03 0.17 9.55	51.86 0.84 18.32	44.87 0.64 1.77	35.95 1.15 0.17	32.54 1.50 -0.42	32.05 1.38 0.00	31.32 1.27 -2.52	30.30 1.25 -4.13	32.30 1.28 -6.36	37.31 1.38 -9.46	39.67 1.76 -5.26	49.06 1.33 0.01	59.87 1.17 0.01	58.63 1.43 0.01	46.44 1.13 0.01	41.00 1.46 0.00	37.52 1.37 0.00	34.06 0.96 0.01
PJM_GEN_HTTP_PROXY 323702	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.07 0.00	32.99 1.09 0.00	33.43 1.01 0.00	37.96 1.21 0.00	56.96 1.55 0.00	71.91 2.57 0.00	47.89 1.89 0.00	36.96 1.99 0.00	33.03 1.99 -0.42	32.61 1.93 0.00	31.85 1.79 -2.53	30.69 1.62 -4.14	32.62 1.58 -6.38	37.66 1.70 -9.50	40.05 2.12 -5.28	48.64 2.10 1.19	62.07 2.17 -1.19	59.44 2.23 0.00	47.13 1.81 0.00	41.59 2.05 0.00	38.03 1.88 0.00	34.70 1.59 0.00
PJM_GEN_KEystone 24065	37.50 0.33 0.00	34.53 0.27 0.00	33.00 0.39 0.00	32.26 0.35 0.00	32.81 0.39 0.00	36.93 0.18 0.00	55.13 -0.28 0.00	68.72 -0.63 0.00	46.23 0.23 0.00	35.14 0.18 0.00	31.30 0.43 -0.25	31.13 0.46 0.00	29.62 0.58 -1.51	27.97 0.57 -2.47	28.86 0.39 -3.80	32.50 0.37 -5.66	35.92 0.13 -3.14	46.44 -0.10 1.19	60.07 0.18 -1.19	57.21 0.00 0.00	45.13 -0.18 0.00	39.50 -0.04 0.00	36.19 0.04 0.00	33.44 0.33 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.54 0.37 0.00	34.42 0.17 0.01	32.79 0.20 0.01	32.12 0.22 0.01	32.54 0.13 0.01	37.00 0.26 0.01	43.61 0.17 11.96	47.08 0.69 22.96	44.42 0.64 2.22	35.97 1.01 0.01	32.39 1.35 -0.42	31.96 1.29 0.00	31.24 1.18 -2.52	30.20 1.15 -4.13	32.18 1.16 -6.36	37.17 1.24 -9.46	39.44 1.53 -5.26	47.58 1.05 1.20	60.71 0.82 -1.19	58.23 1.03 0.01	46.17 0.86 0.01	40.72 1.18 0.00	37.34 1.19 0.00	33.93 0.83 0.01
PJM_GEN_VFT_PROXY 323633	38.32 1.15 0.00	35.15 0.89 0.00	33.48 0.88 0.00	32.80 0.89 0.00	33.23 0.81 0.00	37.69 0.95 0.01	56.63 1.22 0.00	71.50 2.15 0.00	47.65 1.65 0.00	36.82 1.85 0.00	32.91 1.87 -0.42	32.51 1.84 0.00	31.77 1.71 -2.53	30.61 1.55 -4.14	32.54 1.50 -6.37	37.55 1.59 -9.49	39.95 2.02 -5.28	48.40 1.86 1.19	61.77 1.88 -1.19	59.10 1.89 0.00	46.90 1.59 0.00	41.39 1.86 0.00	37.85 1.70 0.00	34.53 1.42 0.00
PLATSBURG_115KV_PMLD1 355749	38.54 1.38 0.00	35.59 1.34 0.00	33.81 1.21 0.00	32.99 1.08 0.00	33.55 1.13 0.00	38.07 1.32 0.00	57.57 2.16 0.00	71.84 2.50 0.00	47.38 1.38 0.00	36.05 1.08 0.00	31.60 0.98 0.00	31.81 1.13 0.00	28.50 0.96 0.00	25.70 0.77 0.00	25.38 0.72 0.00	27.24 0.77 0.00	33.66 1.01 0.00	49.59 1.86 0.00	61.05 2.35 0.00	59.27 2.06 0.00	46.63 1.31 0.00	40.25 0.71 0.00	36.58 0.43 0.00	33.31 0.20 0.00
PLEASANTVLY___LBMP 24000	38.13 0.97 0.00	35.05 0.79 0.00	33.39 0.78 0.00	32.70 0.80 0.00	33.17 0.75 0.00	37.74 0.99 0.00	56.74 1.33 0.00	71.29 1.94 0.00	47.43 1.43 0.00	36.44 1.47 0.00	32.40 1.47 -0.31	32.05 1.38 0.00	30.64 1.27 -1.84	29.10 1.17 -3.00	30.42 1.13 -4.63	34.60 1.24 -6.89	38.08 1.60 -3.83	49.35 1.62 0.00	60.40 1.70 0.00	59.04 1.83 0.00	46.86 1.54 0.00	41.20 1.66 0.00	37.70 1.55 0.00	34.40 1.29 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.39 1.23 0.00	35.22 0.96 0.00	33.58 0.98 0.00	32.89 0.99 0.00	33.36 0.94 0.00	37.89 1.14 0.00	56.96 1.55 0.00	71.77 2.43 0.00	47.79 1.79 0.00	36.79 1.82 0.00	32.81 1.81 -0.39	32.39 1.72 0.00	31.45 1.60 -2.32	30.17 1.45 -3.80	31.92 1.41 -5.85	36.71 1.54 -8.71	39.42 1.93 -4.84	49.74 2.00 0.00	60.81 2.11 0.00	59.50 2.29 0.00	47.17 1.86 0.00	41.51 1.98 0.00	37.96 1.81 0.00	34.63 1.52 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.39 1.23 0.00	35.22 0.96 0.00	33.58 0.98 0.00	32.89 0.99 0.00	33.36 0.94 0.00	37.89 1.14 0.00	56.96 1.55 0.00	71.77 2.43 0.00	47.79 1.79 0.00	36.79 1.82 0.00	32.81 1.81 -0.39	32.39 1.72 0.00	31.45 1.60 -2.32	30.17 1.45 -3.80	31.92 1.41 -5.85	36.71 1.54 -8.71	39.42 1.93 -4.84	49.74 2.00 0.00	60.81 2.11 0.00	59.50 2.29 0.00	47.17 1.86 0.00	41.51 1.98 0.00	37.96 1.81 0.00	34.63 1.52 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.36 1.19 0.00	35.25 0.99 0.00	33.61 1.01 0.00	32.96 1.05 0.00	33.39 0.97 0.00	37.96 1.21 0.00	57.18 1.77 0.00	71.77 2.43 0.00	47.70 1.70 0.00	36.54 1.57 0.00	32.48 1.50 -0.35	32.08 1.41 0.00	30.96 1.29 -2.13	29.61 1.20 -3.49	31.23 1.18 -5.38	35.80 1.32 -8.01	38.80 1.70 -4.45	49.64 1.91 0.00	60.81 2.11 0.00	59.50 2.29 0.00	47.13 1.81 0.00	41.39 1.86 0.00	37.89 1.74 0.00	34.57 1.46 0.00
POLETTI____ 23519	26.03 1.15 12.29	26.03 0.92 9.15	26.03 0.91 7.49	26.03 0.93 6.80	26.03 0.84 7.23	26.07 0.81 11.49	33.53 0.55 22.44	52.19 1.39 18.55	28.72 1.20 18.47	26.03 1.78 10.72	27.88 1.75 4.49	27.79 1.66 4.54	27.84 1.60 1.29	27.84 1.47 -1.44	27.82 1.41 -1.75	27.85 1.51 0.13	27.84 1.93 6.73	30.61 1.43 18.55	41.98 1.06 17.78	41.59 1.14 16.76	29.29 1.13 17.16	28.13 1.66 13.07	27.84 1.63 9.94	27.84 1.49 6.76
POMONA___ESR 323819	38.28 1.11 0.00	35.12 0.86 0.00	33.52 0.91 0.00	32.83 0.93 0.00	33.26 0.84 0.00	37.81 1.07 0.00	56.96 1.55 0.00	71.63 2.29 0.00	47.65 1.65 0.00	36.58 1.61 0.00	32.80 1.62 -0.56	32.27 1.59 0.00	32.36 1.46 -3.37	31.79 1.35 -5.52	34.45 1.28 -8.50	40.53 1.40 -12.66	41.44 1.76 -7.03	49.64 1.91 0.00	60.81 2.11 0.00	59.50 2.29 0.00	47.13 1.81 0.00	41.43 1.90 0.00	37.89 1.74 0.00	34.56 1.46 0.00
PORT_JEFF_3 23555	37.24 0.11 0.04	27.72 -0.07 6.47	27.71 -0.03 4.87	27.76 0.00 4.14	27.73 -0.10 4.59	36.70 0.00 0.05	43.95 -0.28 11.18	48.17 0.28 21.46	44.20 0.28 2.08	32.09 0.80 3.68	32.27 1.23 -0.42	31.81 1.14 0.00	31.13 1.07 -2.52	30.12 1.07 -4.13	32.08 1.06 -6.36	37.12 1.19 -9.46	39.44 1.53 -5.26	48.73 1.00 0.01	59.34 0.65 0.01	58.17 0.97 0.01	46.12 0.82 0.01	40.72 1.18 0.00	37.31 1.16 0.00	33.80 0.70 0.01
PORT_JEFF_4 23616	37.24 0.11 0.04	27.72 -0.07 6.47	27.71 -0.03 4.87	27.76 0.00 4.14	27.73 -0.10 4.59	36.70 0.00 0.05	43.95 -0.28 11.18	48.17 0.28 21.46	44.20 0.28 2.08	32.09 0.80 3.68	32.27 1.23 -0.42	31.81 1.14 0.00	31.13 1.07 -2.52	30.12 1.07 -4.13	32.08 1.06 -6.36	37.12 1.19 -9.46	39.44 1.53 -5.26	48.73 1.00 0.01	59.34 0.65 0.01	58.17 0.97 0.01	46.12 0.82 0.01	40.72 1.18 0.00	37.31 1.16 0.00	33.80 0.70 0.01

PORT_JEFF_IC 23713	37.31 0.19 0.04	27.40 -0.03 6.82	27.48 0.00 5.12	27.58 0.03 4.36	27.55 -0.03 4.84	36.77 0.07 0.05	44.14 -0.17 11.11	48.45 0.42 21.32	44.26 0.32 2.06	31.96 0.87 3.88	32.33 1.29 -0.42	31.81 1.13 0.00	31.16 1.10 -2.52	30.15 1.10 -4.13	32.11 1.09 -6.36	37.17 1.24 -9.46	39.51 1.60 -5.26	48.82 1.10 0.01	59.46 0.76 0.01	58.23 1.03 0.01	46.21 0.91 0.01	40.92 1.38 0.00	37.31 1.16 0.00	33.83 0.73 0.01
PPL PILGRIM_ST_GT1 24216	37.79 0.63 0.00	34.02 0.41 0.65	32.57 0.46 0.49	31.94 0.45 0.42	32.35 0.39 0.46	37.29 0.55 0.01	44.53 -0.11 10.77	49.16 0.49 20.67	44.37 0.37 2.00	35.85 1.26 0.37	32.60 1.56 -0.42	32.12 1.44 0.00	31.38 1.32 -2.52	30.35 1.30 -4.13	32.33 1.31 -6.36	37.39 1.45 -9.46	39.77 1.86 -5.26	49.11 1.39 0.01	59.87 1.17 0.01	58.69 1.48 0.01	46.44 1.13 0.01	41.04 1.50 0.00	37.63 1.48 0.00	34.13 1.03 0.01
PPL PILGRIM_ST_GT2 24217	37.79 0.63 0.00	34.02 0.41 0.65	32.57 0.46 0.49	31.94 0.45 0.42	32.35 0.39 0.46	37.29 0.55 0.01	44.53 -0.11 10.77	49.16 0.49 20.67	44.37 0.37 2.00	35.85 1.26 0.37	32.60 1.56 -0.42	32.12 1.44 0.00	31.38 1.32 -2.52	30.35 1.30 -4.13	32.33 1.31 -6.36	37.39 1.45 -9.46	39.77 1.86 -5.26	49.11 1.39 0.01	59.87 1.17 0.01	58.69 1.48 0.01	46.44 1.13 0.01	41.04 1.50 0.00	37.63 1.48 0.00	34.13 1.03 0.01
PPL_SHRM_GT3 24213	36.75 -0.37 0.04	27.28 -0.55 6.43	27.28 -0.49 4.83	27.35 -0.45 4.11	27.34 -0.52 4.56	36.22 -0.48 0.05	43.38 -0.89 11.14	47.48 -0.48 21.39	43.66 -0.27 2.07	31.66 0.35 3.66	31.87 0.83 -0.42	31.41 0.73 0.00	30.74 0.69 -2.52	29.78 0.72 -4.13	31.76 0.74 -6.36	36.80 0.87 -9.46	39.08 1.17 -5.26	48.25 0.53 0.01	58.69 0.00 0.01	57.61 0.40 0.01	45.67 0.36 0.01	40.33 0.79 0.00	36.91 0.76 0.00	33.40 0.30 0.01
PPL_SHRM_GT4 24214	36.75 -0.37 0.04	27.28 -0.55 6.43	27.28 -0.49 4.83	27.35 -0.45 4.11	27.34 -0.52 4.56	36.22 -0.48 0.05	43.38 -0.89 11.14	47.48 -0.48 21.39	43.66 -0.27 2.07	31.66 0.35 3.66	31.87 0.83 -0.42	31.41 0.73 0.00	30.74 0.69 -2.52	29.78 0.72 -4.13	31.76 0.74 -6.36	36.80 0.87 -9.46	39.08 1.17 -5.26	48.25 0.53 0.01	58.69 0.00 0.01	57.61 0.40 0.01	45.67 0.36 0.01	40.33 0.79 0.00	36.91 0.76 0.00	33.40 0.30 0.01
PROJECT___ORANGE 1 24174	36.72 -0.45 0.00	33.85 -0.41 0.00	32.21 -0.39 0.00	31.55 -0.35 0.00	32.10 -0.32 0.00	36.23 -0.51 0.00	54.74 -0.66 0.00	68.44 -0.90 0.00	45.59 -0.41 0.00	34.55 -0.42 0.00	30.22 -0.40 0.00	30.24 -0.43 0.00	27.20 -0.33 0.00	24.63 -0.30 0.00	24.37 -0.30 0.00	26.12 -0.34 0.00	32.16 -0.49 0.00	47.02 -0.72 0.00	58.05 -0.65 0.00	56.47 -0.74 0.00	44.73 -0.59 0.00	39.02 -0.51 0.00	35.64 -0.51 0.00	32.74 -0.36 0.00
PROJECT___ORANGE 2 24166	36.72 -0.45 0.00	33.85 -0.41 0.00	32.21 -0.39 0.00	31.55 -0.35 0.00	32.10 -0.32 0.00	36.23 -0.51 0.00	54.74 -0.66 0.00	68.44 -0.90 0.00	45.59 -0.41 0.00	34.55 -0.42 0.00	30.22 -0.40 0.00	30.24 -0.43 0.00	27.20 -0.33 0.00	24.63 -0.30 0.00	24.37 -0.30 0.00	26.12 -0.34 0.00	32.16 -0.49 0.00	47.02 -0.72 0.00	58.05 -0.65 0.00	56.47 -0.74 0.00	44.73 -0.59 0.00	39.02 -0.51 0.00	35.64 -0.51 0.00	32.74 -0.36 0.00
PUCKETT___SOLAR 323809	40.47 3.31 0.00	37.00 2.74 0.00	34.98 2.38 0.00	34.27 2.36 0.00	34.85 2.43 0.00	39.65 2.90 0.00	60.84 5.43 0.00	76.49 7.14 0.00	49.17 3.17 0.00	36.05 1.09 0.00	30.90 0.43 0.15	30.67 0.00 0.00	26.69 0.06 0.90	23.43 -0.02 1.47	22.35 -0.05 2.26	23.23 0.13 3.37	30.89 -0.10 1.66	48.11 0.38 0.00	59.93 1.23 0.00	58.18 0.97 0.00	45.95 0.63 0.00	39.93 0.40 0.00	36.41 0.25 0.00	33.54 0.43 0.00
PYRITES___HYD 24023	38.73 1.56 0.00	35.66 1.40 0.00	33.81 1.21 0.00	33.02 1.12 0.00	33.59 1.17 0.00	38.22 1.47 0.00	58.24 2.83 0.00	72.81 3.47 0.00	47.29 1.29 0.00	35.67 0.70 0.00	31.14 0.52 0.00	31.29 0.61 0.00	28.00 0.47 0.00	25.25 0.32 0.00	24.96 0.30 0.00	26.76 0.29 0.00	33.07 0.42 0.00	49.02 1.29 0.00	60.93 2.23 0.00	59.27 2.06 0.00	46.86 1.54 0.00	40.68 1.15 0.00	37.13 0.98 0.00	33.87 0.76 0.00
QUAKERRD_115KV_BK1 80622	36.57 -0.59 0.00	33.92 -0.34 0.00	32.28 -0.33 0.00	31.52 -0.38 0.00	32.23 -0.19 0.00	36.12 -0.62 0.00	53.80 -1.61 0.00	66.78 -2.57 0.00	45.22 -0.78 0.00	34.02 -0.94 0.00	29.82 -0.80 0.00	29.91 -0.77 0.00	27.04 -0.50 0.00	24.43 -0.50 0.00	23.95 -0.72 0.00	25.70 -0.77 0.00	31.44 -1.21 0.00	46.16 -1.58 0.00	57.06 -1.64 0.00	55.44 -1.77 0.00	43.73 -1.59 0.00	38.03 -1.50 0.00	34.78 -1.37 0.00	32.18 -0.93 0.00
QUENSBRY_115KV_TB8 356137	37.95 0.78 0.00	35.18 0.92 0.00	33.55 0.95 0.00	32.89 0.99 0.00	33.42 1.01 0.00	37.96 1.21 0.00	57.35 1.94 0.00	71.70 2.36 0.00	47.01 1.01 0.00	35.46 0.49 0.00	30.72 0.00 -0.10	31.19 0.52 0.00	28.46 0.33 -0.60	26.27 0.37 -0.98	26.59 0.42 -1.50	29.34 0.64 -2.24	34.25 0.36 -1.25	48.78 1.05 0.00	60.17 1.47 0.00	59.16 1.95 0.00	46.90 1.59 0.00	40.84 1.30 0.00	37.34 1.19 0.00	34.27 1.16 0.00
RAMAPO___LBMP 323565	38.13 0.97 0.00	35.01 0.75 0.00	33.42 0.82 0.00	32.74 0.83 0.00	33.17 0.75 0.00	37.70 0.96 0.00	56.74 1.33 0.00	71.36 2.01 0.00	47.47 1.47 0.00	36.44 1.47 0.00	32.68 1.50 -0.56	32.08 1.41 0.00	32.22 1.35 -3.34	31.64 1.25 -5.47	34.27 1.18 -8.42	40.33 1.32 -12.54	41.25 1.63 -6.97	49.45 1.72 0.00	60.64 1.94 0.00	59.27 2.06 0.00	46.99 1.68 0.00	41.32 1.78 0.00	37.78 1.63 0.00	34.47 1.36 0.00
RANKINE____ 23646	37.58 0.41 0.00	34.81 0.55 0.00	33.22 0.62 0.00	32.54 0.64 0.00	33.26 0.84 0.00	36.64 -0.11 0.00	53.80 -1.61 0.00	66.16 -3.19 0.00	45.54 -0.46 0.00	34.16 -0.80 0.00	30.15 -0.40 0.07	30.21 -0.46 0.00	27.17 0.08 0.45	24.39 0.20 0.73	23.29 -0.25 1.13	24.34 -0.45 1.68	30.43 -1.27 0.94	46.01 -1.72 0.00	57.35 -1.35 0.00	55.04 -2.17 0.00	43.05 -2.27 0.00	37.32 -2.21 0.00	34.52 -1.63 0.00	32.65 -0.46 0.00
RAVENSWOOD_GT2_1 24244	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.08 0.00	32.99 1.08 0.00	33.46 1.04 0.00	38.00 1.25 0.00	56.91 1.50 0.00	71.84 2.50 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.03 1.99 -0.42	32.57 1.90 0.00	31.85 1.79 -2.53	30.71 1.65 -4.14	32.64 1.60 -6.37	37.67 1.72 -9.48	40.07 2.15 -5.27	49.83 2.10 0.00	60.87 2.17 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.73 1.62 0.00
RAVENSWOOD_GT2_2 24245	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.08 0.00	32.99 1.08 0.00	33.46 1.04 0.00	38.00 1.25 0.00	56.91 1.50 0.00	71.84 2.50 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.03 1.99 -0.42	32.57 1.90 0.00	31.85 1.79 -2.53	30.71 1.65 -4.14	32.64 1.60 -6.37	37.67 1.72 -9.48	40.07 2.15 -5.27	49.83 2.10 0.00	60.87 2.17 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.73 1.62 0.00



RAVENSWOOD_GT2_3 24246	38.58 1.41 0.00	35.39 1.13 0.00	33.71 1.11 0.00	33.02 1.12 0.00	33.46 1.04 0.00	38.00 1.25 0.00	56.96 1.55 0.00	71.91 2.57 0.00	47.93 1.93 0.00	37.03 2.06 0.00	33.06 2.02 -0.42	32.57 1.90 0.00	31.88 1.82 -2.53	30.71 1.65 -4.14	32.64 1.60 -6.37	37.67 1.72 -9.48	40.11 2.19 -5.27	49.88 2.15 0.00	60.93 2.23 0.00	59.44 2.23 0.00	47.22 1.90 0.00	41.63 2.10 0.00	38.10 1.95 0.00	34.76 1.66 0.00
RAVENSWOOD_GT2_4 24247	38.58 1.41 0.00	35.39 1.13 0.00	33.71 1.11 0.00	33.02 1.12 0.00	33.46 1.04 0.00	38.00 1.25 0.00	56.96 1.55 0.00	71.91 2.57 0.00	47.93 1.93 0.00	37.03 2.06 0.00	33.06 2.02 -0.42	32.57 1.90 0.00	31.88 1.82 -2.53	30.71 1.65 -4.14	32.64 1.60 -6.37	37.67 1.72 -9.48	40.11 2.19 -5.27	49.88 2.15 0.00	60.93 2.23 0.00	59.44 2.23 0.00	47.22 1.90 0.00	41.63 2.10 0.00	38.10 1.95 0.00	34.76 1.66 0.00
RAVENSWOOD_GT3_1 24248	38.58 1.41 0.00	35.35 1.10 0.00	33.71 1.11 0.00	32.99 1.08 0.00	33.46 1.04 0.00	38.00 1.25 0.00	56.91 1.50 0.00	71.84 2.50 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.03 1.99 -0.42	32.57 1.90 0.00	31.85 1.79 -2.53	30.71 1.65 -4.14	32.64 1.60 -6.37	37.67 1.72 -9.48	40.07 2.15 -5.27	49.83 2.10 0.00	60.87 2.17 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.73 1.62 0.00
RAVENSWOOD_GT3_2 24249	38.58 1.41 0.00	35.35 1.10 0.00	33.71 1.11 0.00	32.99 1.08 0.00	33.46 1.04 0.00	38.00 1.25 0.00	56.91 1.50 0.00	71.84 2.50 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.03 1.99 -0.42	32.57 1.90 0.00	31.85 1.79 -2.53	30.71 1.65 -4.14	32.64 1.60 -6.37	37.67 1.72 -9.48	40.07 2.15 -5.27	49.83 2.10 0.00	60.87 2.17 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.73 1.62 0.00
RAVENSWOOD_GT3_3 24250	38.62 1.45 0.00	35.42 1.16 0.00	33.74 1.14 0.00	33.02 1.12 0.00	33.49 1.07 0.00	38.03 1.29 0.00	57.02 1.61 0.00	71.98 2.64 0.00	47.98 1.98 0.00	37.07 2.10 0.00	33.09 2.05 -0.42	32.61 1.93 0.00	31.91 1.84 -2.53	30.73 1.67 -4.14	32.66 1.63 -6.37	37.70 1.75 -9.48	40.14 2.22 -5.27	49.93 2.20 0.00	60.99 2.29 0.00	59.50 2.29 0.00	47.26 1.95 0.00	41.67 2.13 0.00	38.14 1.99 0.00	34.80 1.69 0.00
RAVENSWOOD_GT3_4 24251	38.62 1.45 0.00	35.42 1.16 0.00	33.74 1.14 0.00	33.02 1.12 0.00	33.49 1.07 0.00	38.03 1.29 0.00	57.02 1.61 0.00	71.98 2.64 0.00	47.98 1.98 0.00	37.07 2.10 0.00	33.09 2.05 -0.42	32.61 1.93 0.00	31.91 1.84 -2.53	30.73 1.67 -4.14	32.66 1.63 -6.37	37.70 1.75 -9.48	40.14 2.22 -5.27	49.93 2.20 0.00	60.99 2.29 0.00	59.50 2.29 0.00	47.26 1.95 0.00	41.67 2.13 0.00	38.14 1.99 0.00	34.80 1.69 0.00
RAVENSWOOD_GT_1 23729	38.77 1.60 -0.01	35.54 1.27 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.67 1.27 0.01	71.63 2.29 0.00	47.84 1.84 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.70 2.02 0.00	32.00 1.93 -2.54	30.84 1.77 -4.15	32.74 1.70 -6.37	37.80 1.85 -9.48	40.25 2.32 -5.28	49.83 2.10 0.00	60.64 1.94 0.00	59.15 1.95 0.01	47.08 1.77 0.00	41.67 2.13 0.00	38.21 2.06 0.00	34.90 1.79 0.00
RAVENSWOOD_GT_10 24258	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.08 0.00	32.99 1.08 0.00	33.46 1.04 0.00	38.00 1.25 0.00	56.96 1.55 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.03 1.99 -0.42	32.57 1.90 0.00	31.85 1.79 -2.53	30.71 1.65 -4.14	32.64 1.60 -6.37	37.67 1.72 -9.48	40.07 2.15 -5.27	49.88 2.15 0.00	60.87 2.17 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.73 1.62 0.00
RAVENSWOOD_GT_11 24259	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.08 0.00	32.99 1.08 0.00	33.46 1.04 0.00	38.00 1.25 0.00	56.96 1.55 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.03 1.99 -0.42	32.57 1.90 0.00	31.85 1.79 -2.53	30.71 1.65 -4.14	32.64 1.60 -6.37	37.67 1.72 -9.48	40.07 2.15 -5.27	49.88 2.15 0.00	60.87 2.17 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.73 1.62 0.00
RAVENSWOOD_GT_4 24252	38.54 1.38 0.01	35.32 1.06 0.01	33.67 1.08 0.01	32.95 1.05 0.01	33.42 1.01 0.01	37.96 1.21 0.00	57.02 1.61 -0.01	71.91 2.57 0.00	47.93 1.93 0.00	36.96 1.99 0.01	33.03 1.99 -0.42	32.54 1.87 0.00	31.82 1.76 -2.52	30.68 1.62 -4.13	32.61 1.58 -6.37	37.65 1.69 -9.48	40.07 2.15 -5.27	49.88 2.15 0.00	60.93 2.23 0.00	59.50 2.29 -0.01	47.22 1.90 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.70 1.59 0.00
RAVENSWOOD_GT_5 24254	38.54 1.38 0.01	35.32 1.06 0.01	33.67 1.08 0.01	32.95 1.05 0.01	33.42 1.01 0.01	37.96 1.21 0.00	57.02 1.61 -0.01	71.91 2.57 0.00	47.93 1.93 0.00	36.96 1.99 0.01	33.03 1.99 -0.42	32.54 1.87 0.00	31.82 1.76 -2.52	30.68 1.62 -4.13	32.61 1.58 -6.37	37.65 1.69 -9.48	40.07 2.15 -5.27	49.88 2.15 0.00	60.93 2.23 0.00	59.50 2.29 -0.01	47.22 1.90 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.70 1.59 0.00
RAVENSWOOD_GT_6 24253	38.54 1.38 0.01	35.32 1.06 0.01	33.67 1.08 0.01	32.95 1.05 0.01	33.42 1.01 0.01	37.96 1.21 0.00	57.02 1.61 -0.01	71.91 2.57 0.00	47.93 1.93 0.00	36.96 1.99 0.01	33.03 1.99 -0.42	32.54 1.87 0.00	31.82 1.76 -2.52	30.68 1.62 -4.13	32.61 1.58 -6.37	37.65 1.69 -9.48	40.07 2.15 -5.27	49.88 2.15 0.00	60.93 2.23 0.00	59.50 2.29 -0.01	47.22 1.90 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.70 1.59 0.00
RAVENSWOOD_GT_7 24255	38.54 1.38 0.01	35.32 1.06 0.01	33.67 1.08 0.01	32.95 1.05 0.01	33.42 1.01 0.01	37.96 1.21 0.00	57.02 1.61 -0.01	71.91 2.57 0.00	47.93 1.93 0.00	36.96 1.99 0.01	33.03 1.99 -0.42	32.54 1.87 0.00	31.82 1.76 -2.52	30.68 1.62 -4.13	32.61 1.58 -6.37	37.65 1.69 -9.48	40.07 2.15 -5.27	49.88 2.15 0.00	60.93 2.23 0.00	59.50 2.29 -0.01	47.22 1.90 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.70 1.59 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.08 0.00	32.99 1.08 0.00	33.46 1.04 0.00	38.00 1.25 0.00	56.96 1.55 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.03 1.99 -0.42	32.57 1.90 0.00	31.85 1.79 -2.53	30.71 1.65 -4.14	32.64 1.60 -6.37	37.67 1.72 -9.48	40.07 2.15 -5.27	49.88 2.15 0.00	60.87 2.17 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.73 1.62 0.00
RAVENSWOOD_GT_9 24257	38.54 1.38 0.00	35.35 1.10 0.00	33.68 1.08 0.00	32.99 1.08 0.00	33.46 1.04 0.00	38.00 1.25 0.00	56.96 1.55 0.00	71.91 2.57 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.03 1.99 -0.42	32.57 1.90 0.00	31.85 1.79 -2.53	30.71 1.65 -4.14	32.64 1.60 -6.37	37.67 1.72 -9.48	40.07 2.15 -5.27	49.88 2.15 0.00	60.87 2.17 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.63 2.10 0.00	38.07 1.92 0.00	34.73 1.62 0.00

RAVENSWOOD___1 23533	38.73 1.56 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.03 1.29 0.00	56.68 1.28 0.01	71.63 2.29 0.00	47.84 1.84 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.76 2.09 0.00	32.00 1.93 -2.54	30.84 1.77 -4.14	32.76 1.73 -6.37	37.78 1.82 -9.48	40.25 2.32 -5.28	49.83 2.10 0.00	60.63 1.93 0.00	59.15 1.95 0.01	47.08 1.77 0.00	41.67 2.13 0.00	38.21 2.06 0.00	34.90 1.79 0.00
RAVENSWOOD___2 23534	38.66 1.49 -0.01	35.46 1.20 -0.01	33.78 1.17 -0.01	33.09 1.18 -0.01	33.56 1.13 -0.01	37.96 1.21 0.00	56.29 0.88 0.01	71.22 1.87 0.00	47.75 1.75 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.73 2.06 0.00	31.97 1.90 -2.54	30.79 1.72 -4.14	32.71 1.68 -6.37	37.73 1.77 -9.48	40.18 2.25 -5.28	49.74 2.00 0.00	60.22 1.52 0.00	58.80 1.60 0.01	46.99 1.68 0.00	41.59 2.05 0.00	38.14 1.99 0.00	34.83 1.72 0.00
RAVENSWOOD___3 23535	38.58 1.41 0.00	35.35 1.10 0.00	33.71 1.11 0.00	32.99 1.09 0.00	33.46 1.04 0.00	37.96 1.21 0.00	56.91 1.50 0.00	71.84 2.49 0.00	47.89 1.89 0.00	37.00 2.03 0.00	33.03 1.99 -0.42	32.64 1.96 0.00	31.88 1.82 -2.53	30.71 1.64 -4.14	32.64 1.60 -6.37	37.67 1.72 -9.48	40.11 2.19 -5.27	49.83 2.10 0.00	60.87 2.17 0.00	59.44 2.23 0.00	47.17 1.86 0.00	41.59 2.05 0.00	38.07 1.91 0.00	34.76 1.65 0.00
RAVENSWOOD___4 23820	38.73 1.56 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.16 1.24 -0.01	33.59 1.17 -0.01	38.03 1.29 0.00	56.68 1.28 0.01	71.63 2.29 0.00	47.84 1.84 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.76 2.09 0.00	31.99 1.93 -2.53	30.84 1.77 -4.14	32.76 1.73 -6.37	37.78 1.82 -9.48	40.24 2.32 -5.28	49.83 2.10 0.00	60.63 1.93 0.00	59.15 1.95 0.01	47.08 1.77 0.00	41.67 2.13 0.00	38.21 2.06 0.00	34.90 1.79 0.00
RCPL_TRUST___DRP 24196	38.58 1.41 0.00	35.39 1.13 0.00	33.71 1.11 0.00	33.02 1.12 0.00	33.46 1.04 0.00	38.03 1.29 0.00	57.07 1.66 0.00	72.05 2.70 0.00	47.98 1.98 0.00	37.03 2.06 0.00	33.09 2.05 -0.42	32.61 1.93 0.00	31.88 1.82 -2.53	30.74 1.67 -4.14	32.67 1.63 -6.38	37.71 1.75 -9.50	40.11 2.19 -5.28	49.93 2.20 0.00	60.99 2.29 0.00	59.50 2.29 0.00	47.22 1.90 0.00	41.63 2.10 0.00	38.10 1.95 0.00	34.73 1.62 0.00
RED___ROCHESTER 323720	37.65 0.48 0.00	34.91 0.65 0.00	33.19 0.59 0.00	32.41 0.51 0.00	33.20 0.78 0.00	37.15 0.40 0.00	55.19 -0.22 0.00	68.37 -0.97 0.00	46.46 0.46 0.00	34.90 -0.07 0.00	30.68 0.06 0.00	30.83 0.15 0.00	27.86 0.33 0.00	25.25 0.32 0.00	24.79 0.12 0.00	26.42 -0.05 0.00	31.55 -0.39 0.71	47.40 -0.33 0.00	58.64 -0.06 0.00	56.98 -0.23 0.00	44.86 -0.45 0.00	38.98 -0.55 0.00	35.64 -0.51 0.00	33.04 -0.07 0.00
REGAN___SOLAR 323812	38.43 1.26 0.00	35.53 1.27 0.00	33.84 1.24 0.00	33.18 1.28 0.00	33.75 1.33 0.00	38.44 1.69 0.00	58.29 2.88 0.00	72.61 3.26 0.00	46.55 0.55 0.00	34.48 -0.49 0.00	29.51 -1.16 -0.06	29.14 -1.53 0.00	26.36 -1.51 -0.34	24.13 -1.35 -0.55	24.31 -1.21 -0.85	26.84 -0.90 -1.27	33.00 -0.36 -0.71	48.78 1.05 0.00	61.05 2.35 0.00	59.96 2.75 0.00	47.53 2.22 0.00	41.39 1.86 0.00	37.74 1.59 0.00	34.53 1.42 0.00
RENSSELAER___COGEN 23796	37.20 0.04 0.00	34.40 0.14 0.00	32.77 0.16 0.00	32.13 0.22 0.00	32.62 0.20 0.00	37.08 0.33 0.00	55.80 0.39 0.00	69.97 0.62 0.00	46.37 0.37 0.00	35.32 0.35 0.00	31.01 0.27 -0.12	30.92 0.24 0.00	28.40 0.17 -0.70	26.25 0.18 -1.15	26.63 0.20 -1.77	29.36 0.26 -2.63	34.56 0.46 -1.46	48.11 0.38 0.00	58.99 0.29 0.00	57.72 0.51 0.00	45.77 0.45 0.00	40.05 0.51 0.00	36.84 0.69 0.00	33.64 0.53 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.21 2.04 0.00	36.49 2.23 0.00	34.82 2.22 0.00	34.17 2.27 0.00	34.75 2.33 0.00	39.50 2.76 0.00	59.84 4.43 0.00	74.62 5.27 0.00	48.53 2.53 0.00	36.26 1.29 0.00	31.09 0.37 -0.10	31.38 0.71 0.00	28.57 0.44 -0.60	26.38 0.47 -0.98	26.72 0.54 -1.51	29.62 0.90 -2.25	34.84 0.95 -1.25	50.21 2.48 0.00	62.28 3.58 0.00	61.50 4.29 0.00	48.76 3.44 0.00	42.34 2.81 0.00	38.61 2.46 0.00	35.43 2.32 0.00
REVERE_CPPR_DRP 24186	38.28 1.11 0.00	35.18 0.92 0.00	33.39 0.78 0.00	32.70 0.80 0.00	33.29 0.88 0.00	37.74 0.99 0.00	57.46 2.05 0.00	71.98 2.64 0.00	47.20 1.20 0.00	35.46 0.49 0.00	30.87 0.24 0.00	30.83 0.15 0.00	27.70 0.17 0.00	25.02 0.10 0.00	24.79 0.12 0.00	26.63 0.16 0.00	32.94 0.29 0.00	48.64 0.91 0.00	60.52 1.82 0.00	58.93 1.72 0.00	46.54 1.22 0.00	40.45 0.91 0.00	36.84 0.69 0.00	33.74 0.63 0.00
REYNLDPA_13_KV_LD 356490	37.72 0.56 0.00	34.80 0.55 0.00	33.06 0.46 0.00	32.29 0.38 0.00	32.81 0.39 0.00	37.22 0.48 0.00	56.29 0.88 0.00	70.39 1.04 0.00	46.41 0.41 0.00	35.32 0.35 0.00	30.93 0.31 0.00	31.07 0.40 0.00	27.86 0.33 0.00	25.17 0.25 0.00	24.86 0.20 0.00	26.71 0.24 0.00	32.97 0.33 0.00	48.45 0.72 0.00	59.58 0.88 0.00	57.95 0.74 0.00	45.90 0.59 0.00	39.85 0.31 0.00	36.41 0.25 0.00	33.28 0.17 0.00
REYNOLDS_115KV_TB3 80639	37.58 0.41 0.00	34.67 0.41 0.00	33.06 0.46 0.00	32.38 0.48 0.00	32.87 0.45 0.00	37.41 0.66 0.00	56.30 0.89 0.00	70.52 1.18 0.00	46.78 0.78 0.00	35.67 0.70 0.00	31.32 0.58 -0.12	31.19 0.52 0.00	28.66 0.41 -0.72	26.52 0.42 -1.17	26.89 0.42 -1.81	29.66 0.50 -2.69	34.89 0.75 -1.50	48.59 0.86 0.00	59.58 0.88 0.00	58.24 1.03 0.00	46.22 0.91 0.00	40.45 0.91 0.00	37.16 1.01 0.00	33.94 0.83 0.00
RIVERBAY____ 323610	39.11 1.93 -0.01	35.91 1.64 -0.01	34.21 1.60 -0.01	33.51 1.60 -0.01	33.98 1.56 -0.01	38.36 1.62 0.00	57.12 1.72 0.01	72.19 2.84 0.00	48.16 2.16 0.00	37.42 2.45 -0.01	33.31 2.27 -0.42	32.85 2.18 0.00	32.12 2.07 -2.52	30.95 1.89 -4.13	32.86 1.83 -6.37	37.91 1.96 -9.48	40.41 2.48 -5.28	50.02 2.29 0.00	60.87 2.17 0.00	59.38 2.17 0.01	47.31 1.99 0.00	41.87 2.33 0.00	38.43 2.28 0.00	35.19 2.09 0.00
RIVERSDE_115KV_TB3 55908	37.43 0.26 0.00	34.57 0.31 0.00	32.93 0.33 0.00	32.26 0.35 0.00	32.74 0.32 0.00	37.26 0.51 0.00	56.07 0.66 0.00	70.32 0.97 0.00	46.60 0.60 0.00	35.49 0.52 0.00	31.17 0.43 -0.12	31.04 0.37 0.00	28.51 0.28 -0.70	26.38 0.30 -1.15	26.73 0.30 -1.77	29.51 0.40 -2.64	34.70 0.59 -1.47	48.35 0.62 0.00	59.29 0.59 0.00	58.01 0.80 0.00	46.04 0.73 0.00	40.29 0.75 0.00	37.02 0.87 0.00	33.80 0.70 0.00
ROARING___BROOK_WT_PWR 323790	37.20 0.04 0.00	34.26 0.00 0.00	32.51 -0.10 0.00	31.68 -0.22 0.00	32.13 -0.29 0.00	36.34 -0.40 0.00	54.69 -0.72 0.00	68.31 -1.04 0.00	45.26 -0.74 0.00	34.55 -0.42 0.00	30.31 -0.31 0.00	30.37 -0.31 0.00	27.26 -0.28 0.00	24.70 -0.22 0.00	24.42 -0.25 0.00	26.20 -0.26 0.00	32.35 -0.29 0.00	47.30 -0.43 0.00	57.94 -0.76 0.00	56.12 -1.09 0.00	44.23 -1.09 0.00	38.43 -1.11 0.00	35.07 -1.08 0.00	32.08 -1.03 0.00

ROCHESRG_115KV_T4 355643	37.31 0.15 0.00	34.60 0.34 0.00	32.93 0.33 0.00	32.16 0.26 0.00	32.91 0.49 0.00	36.78 0.04 0.00	54.63 -0.78 0.00	67.68 -1.66 0.00	45.95 -0.05 0.00	34.55 -0.42 0.00	30.38 -0.24 0.00	30.43 -0.25 0.00	27.56 0.03 0.00	25.00 0.07 0.00	24.49 -0.17 0.00	26.15 -0.32 0.00	31.93 -0.72 0.00	46.82 -0.91 0.00	58.00 -0.70 0.00	56.30 -0.92 0.00	44.36 -0.95 0.00	38.55 -0.99 0.00	35.36 -0.80 0.00	32.78 -0.33 0.00
ROCHESTER_9_IC 23652	37.50 0.33 0.00	34.77 0.51 0.00	33.09 0.49 0.00	32.32 0.41 0.00	33.07 0.65 0.00	36.97 0.22 0.00	54.97 -0.44 0.00	68.10 -1.25 0.00	46.23 0.23 0.00	34.76 -0.21 0.00	30.50 -0.12 0.00	30.61 -0.06 0.00	27.70 0.17 0.00	25.12 0.20 0.00	24.61 -0.05 0.00	26.28 -0.19 0.00	31.42 -0.52 0.71	47.11 -0.62 0.00	58.35 -0.35 0.00	56.64 -0.57 0.00	44.64 -0.68 0.00	38.75 -0.79 0.00	35.50 -0.65 0.00	32.94 -0.17 0.00
ROCKVIEW_13_KV_LD 356306	38.50 1.34 0.00	35.35 1.10 0.00	33.68 1.08 0.00	32.99 1.08 0.00	33.42 1.01 0.00	38.00 1.25 0.00	57.07 1.66 0.00	72.05 2.70 0.00	47.98 1.98 0.00	36.96 1.99 0.00	33.00 1.96 -0.42	32.54 1.87 0.00	31.82 1.76 -2.53	30.68 1.62 -4.14	32.62 1.58 -6.37	37.62 1.67 -9.49	40.04 2.12 -5.28	49.93 2.20 0.00	61.11 2.41 0.00	59.73 2.52 0.00	47.35 2.04 0.00	41.71 2.17 0.00	38.14 1.99 0.00	34.80 1.69 0.00
ROME____115KV_TB2 80656	38.28 1.11 0.00	35.18 0.92 0.00	33.39 0.78 0.00	32.70 0.80 0.00	33.29 0.88 0.00	37.74 0.99 0.00	57.46 2.05 0.00	71.98 2.64 0.00	47.20 1.20 0.00	35.46 0.49 0.00	30.87 0.24 0.00	30.83 0.15 0.00	27.70 0.17 0.00	25.02 0.10 0.00	24.79 0.12 0.00	26.63 0.16 0.00	32.94 0.29 0.00	48.64 0.91 0.00	60.52 1.82 0.00	58.93 1.72 0.00	46.54 1.22 0.00	40.45 0.91 0.00	36.84 0.69 0.00	33.74 0.63 0.00
ROSETON____1 23587	38.13 0.96 0.00	35.05 0.79 0.00	33.42 0.82 0.00	32.73 0.83 0.00	33.20 0.78 0.00	37.70 0.95 0.00	56.74 1.33 0.00	71.36 2.01 0.00	47.47 1.47 0.00	36.47 1.50 0.00	32.40 1.47 -0.31	32.12 1.44 0.00	30.68 1.29 -1.85	29.16 1.20 -3.03	30.50 1.16 -4.67	34.67 1.24 -6.96	38.11 1.60 -3.87	49.36 1.62 0.00	60.40 1.70 0.00	59.04 1.83 0.00	46.81 1.49 0.00	41.20 1.66 0.00	37.70 1.55 0.00	34.40 1.29 0.00
ROSETON____2 23588	38.13 0.96 0.00	35.05 0.79 0.00	33.42 0.82 0.00	32.73 0.83 0.00	33.20 0.78 0.00	37.70 0.95 0.00	56.74 1.33 0.00	71.36 2.01 0.00	47.47 1.47 0.00	36.47 1.50 0.00	32.40 1.47 -0.31	32.12 1.44 0.00	30.68 1.29 -1.85	29.16 1.20 -3.03	30.50 1.16 -4.67	34.67 1.24 -6.96	38.11 1.60 -3.87	49.36 1.62 0.00	60.40 1.70 0.00	59.04 1.83 0.00	46.81 1.49 0.00	41.20 1.66 0.00	37.70 1.55 0.00	34.40 1.29 0.00
ROTRRDAM_115KV_TB3 80664	37.80 0.63 0.00	34.84 0.58 0.00	33.19 0.59 0.00	32.51 0.61 0.00	33.04 0.62 0.00	37.52 0.77 0.00	56.57 1.16 0.00	70.80 1.46 0.00	46.78 0.78 0.00	35.53 0.56 0.00	31.11 0.40 -0.09	31.07 0.40 0.00	28.41 0.33 -0.55	26.14 0.32 -0.89	26.36 0.32 -1.38	28.94 0.42 -2.05	34.34 0.55 -1.14	48.64 0.91 0.00	59.82 1.12 0.00	58.47 1.26 0.00	46.40 1.09 0.00	40.52 0.99 0.00	37.09 0.94 0.00	33.94 0.83 0.00
RUSSELL____1 23602	37.61 0.45 0.00	34.91 0.65 0.00	33.19 0.59 0.00	32.42 0.51 0.00	33.20 0.78 0.00	37.11 0.37 0.00	55.19 -0.22 0.00	68.37 -0.97 0.00	46.46 0.46 0.00	34.90 -0.07 0.00	30.65 0.03 0.00	30.73 0.06 0.00	27.81 0.28 0.00	25.25 0.32 0.00	24.71 0.05 0.00	26.39 -0.08 0.00	31.55 -0.39 0.71	47.40 -0.33 0.00	58.64 -0.06 0.00	56.98 -0.23 0.00	44.86 -0.45 0.00	38.94 -0.59 0.00	35.64 -0.51 0.00	33.04 -0.07 0.00
RUSSELL____2 23532	37.61 0.45 0.00	34.91 0.65 0.00	33.19 0.59 0.00	32.42 0.51 0.00	33.20 0.78 0.00	37.11 0.37 0.00	55.19 -0.22 0.00	68.37 -0.97 0.00	46.46 0.46 0.00	34.90 -0.07 0.00	30.65 0.03 0.00	30.73 0.06 0.00	27.81 0.28 0.00	25.25 0.32 0.00	24.71 0.05 0.00	26.39 -0.08 0.00	31.55 -0.39 0.71	47.40 -0.33 0.00	58.64 -0.06 0.00	56.98 -0.23 0.00	44.86 -0.45 0.00	38.94 -0.59 0.00	35.64 -0.51 0.00	33.04 -0.07 0.00
RUSSELL____3 23549	37.61 0.45 0.00	34.91 0.65 0.00	33.19 0.59 0.00	32.42 0.51 0.00	33.20 0.78 0.00	37.11 0.37 0.00	55.19 -0.22 0.00	68.37 -0.97 0.00	46.46 0.46 0.00	34.90 -0.07 0.00	30.65 0.03 0.00	30.73 0.06 0.00	27.81 0.28 0.00	25.25 0.32 0.00	24.71 0.05 0.00	26.39 -0.08 0.00	31.55 -0.39 0.71	47.40 -0.33 0.00	58.64 -0.06 0.00	56.98 -0.23 0.00	44.86 -0.45 0.00	38.94 -0.59 0.00	35.64 -0.51 0.00	33.04 -0.07 0.00
RUSSELL____4 23556	37.61 0.45 0.00	34.91 0.65 0.00	33.19 0.59 0.00	32.42 0.51 0.00	33.20 0.78 0.00	37.11 0.37 0.00	55.19 -0.22 0.00	68.37 -0.97 0.00	46.46 0.46 0.00	34.90 -0.07 0.00	30.65 0.03 0.00	30.73 0.06 0.00	27.81 0.28 0.00	25.25 0.32 0.00	24.71 0.05 0.00	26.39 -0.08 0.00	31.55 -0.39 0.71	47.40 -0.33 0.00	58.64 -0.06 0.00	56.98 -0.23 0.00	44.86 -0.45 0.00	38.94 -0.59 0.00	35.64 -0.51 0.00	33.04 -0.07 0.00
RUSSELL____STATION 23914	37.61 0.45 0.00	34.91 0.65 0.00	33.19 0.59 0.00	32.42 0.51 0.00	33.20 0.78 0.00	37.11 0.37 0.00	55.19 -0.22 0.00	68.37 -0.97 0.00	46.46 0.46 0.00	34.90 -0.07 0.00	30.65 0.03 0.00	30.73 0.06 0.00	27.81 0.28 0.00	25.25 0.32 0.00	24.71 0.05 0.00	26.39 -0.08 0.00	31.55 -0.39 0.71	47.40 -0.33 0.00	58.64 -0.06 0.00	56.98 -0.23 0.00	44.86 -0.45 0.00	38.94 -0.59 0.00	35.64 -0.51 0.00	33.04 -0.07 0.00
S SALMON____HYD 24043	37.02 -0.15 0.00	34.09 -0.17 0.00	32.38 -0.23 0.00	31.72 -0.19 0.00	32.26 -0.16 0.00	36.53 -0.22 0.00	55.46 0.06 0.00	69.48 0.14 0.00	45.82 -0.18 0.00	34.51 -0.46 0.00	30.13 -0.49 0.00	30.12 -0.55 0.00	27.07 -0.47 0.00	24.48 -0.45 0.00	24.19 -0.47 0.00	25.96 -0.50 0.00	31.96 -0.69 0.00	47.06 -0.67 0.00	58.41 -0.29 0.00	56.87 -0.34 0.00	45.09 -0.23 0.00	39.30 -0.24 0.00	35.79 -0.36 0.00	32.84 -0.27 0.00
S.PERRY__115KV_TB1 80734	38.50 1.34 0.00	35.70 1.44 0.00	33.91 1.30 0.00	33.15 1.24 0.00	33.91 1.49 0.00	37.92 1.18 0.00	56.57 1.16 0.00	70.11 0.76 0.00	47.24 1.24 0.00	35.07 0.10 0.00	30.61 0.06 0.07	30.64 -0.03 0.00	27.39 0.30 0.45	24.52 0.32 0.73	23.59 0.05 1.12	24.80 0.00 1.67	31.51 -0.20 0.94	48.21 0.48 0.00	60.28 1.58 0.00	58.41 1.20 0.00	45.86 0.54 0.00	39.65 0.12 0.00	36.11 -0.04 0.00	33.57 0.46 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.43 0.26 0.00	34.74 0.48 0.00	33.16 0.55 0.00	32.42 0.51 0.00	33.17 0.75 0.00	36.53 -0.22 0.00	53.41 -1.99 0.00	65.60 -3.74 0.00	45.22 -0.78 0.00	33.99 -0.98 0.00	30.00 -0.55 0.07	30.09 -0.58 0.00	27.05 -0.06 0.43	24.29 0.07 0.71	23.23 -0.35 1.09	24.26 -0.58 1.62	30.27 -1.47 0.91	45.63 -2.10 0.00	56.82 -1.88 0.00	54.58 -2.63 0.00	42.78 -2.54 0.00	37.12 -2.41 0.00	34.42 -1.74 0.00	32.58 -0.53 0.00

SAWYER___23_KV_LOAD 55526	37.43 0.26 0.00	34.74 0.48 0.00	33.16 0.55 0.00	32.42 0.51 0.00	33.17 0.75 0.00	36.53 -0.22 0.00	53.41 -1.99 0.00	65.60 -3.74 0.00	45.22 -0.78 0.00	33.99 -0.98 0.00	30.00 -0.55 0.07	30.09 -0.58 0.00	27.05 -0.06 0.43	24.29 0.07 0.71	23.23 -0.35 1.09	24.26 -0.58 1.62	30.27 -1.47 0.91	45.63 -2.10 0.00	56.82 -1.88 0.00	54.58 -2.63 0.00	42.78 -2.54 0.00	37.12 -2.41 0.00	34.42 -1.74 0.00	32.58 -0.53 0.00
SELKIRK___I 23801	37.69 0.52 0.00	34.80 0.55 0.00	33.19 0.59 0.00	32.51 0.60 0.00	33.00 0.58 0.00	37.48 0.73 0.00	56.41 1.00 0.00	70.60 1.25 0.00	46.64 0.64 0.00	35.42 0.45 0.00	31.14 0.40 -0.12	30.92 0.24 0.00	28.41 0.17 -0.71	26.27 0.18 -1.17	26.66 0.20 -1.80	29.44 0.29 -2.68	34.69 0.55 -1.49	48.49 0.76 0.00	59.52 0.82 0.00	58.24 1.03 0.00	46.22 0.91 0.00	40.45 0.91 0.00	37.09 0.94 0.00	33.94 0.83 0.00
SELKIRK___II 23799	37.39 0.22 0.00	34.50 0.24 0.00	32.86 0.26 0.00	32.19 0.29 0.00	32.68 0.26 0.00	37.15 0.40 0.00	55.91 0.50 0.00	70.04 0.69 0.00	46.46 0.46 0.00	35.42 0.45 0.00	31.13 0.40 -0.11	31.04 0.37 0.00	28.50 0.28 -0.69	26.32 0.27 -1.12	26.67 0.27 -1.73	29.39 0.34 -2.58	34.60 0.52 -1.43	48.26 0.53 0.00	59.17 0.47 0.00	57.84 0.63 0.00	45.90 0.59 0.00	40.17 0.63 0.00	36.87 0.72 0.00	33.71 0.60 0.00
SENECA OSWGO___HYD 24041	36.46 -0.71 0.00	33.61 -0.65 0.00	31.98 -0.62 0.00	31.33 -0.57 0.00	31.87 -0.55 0.00	36.05 -0.70 0.00	54.41 -1.00 0.00	68.10 -1.25 0.00	45.31 -0.69 0.00	34.30 -0.67 0.00	30.01 -0.61 0.00	30.06 -0.61 0.00	27.01 -0.52 0.00	24.43 -0.50 0.00	24.22 -0.44 0.00	25.96 -0.50 0.00	31.93 -0.72 0.00	46.78 -0.95 0.00	57.70 -1.00 0.00	56.18 -1.03 0.00	44.50 -0.81 0.00	38.83 -0.71 0.00	35.43 -0.72 0.00	32.51 -0.60 0.00
SENECA___115KV_TB3 355854	37.65 0.48 0.00	34.88 0.62 0.00	33.29 0.68 0.00	32.58 0.67 0.00	33.29 0.88 0.00	36.71 -0.04 0.00	53.91 -1.50 0.00	66.29 -3.05 0.00	45.63 -0.37 0.00	34.23 -0.73 0.00	30.21 -0.34 0.07	30.24 -0.43 0.00	27.20 0.11 0.45	24.44 0.25 0.73	23.31 -0.22 1.13	24.37 -0.42 1.68	30.46 -1.24 0.94	46.06 -1.67 0.00	57.47 -1.23 0.00	55.09 -2.12 0.00	43.09 -2.22 0.00	37.36 -2.17 0.00	34.56 -1.59 0.00	32.68 -0.43 0.00
SENECA___ENERGY 23797	37.17 0.00 0.00	34.33 0.07 0.00	32.64 0.03 0.00	31.97 0.06 0.00	32.58 0.16 0.00	36.75 0.00 0.00	55.19 -0.22 0.00	68.86 -0.48 0.00	46.09 0.09 0.00	34.72 -0.24 0.00	30.44 -0.18 0.00	30.46 -0.21 0.00	27.45 -0.08 0.00	24.83 -0.10 0.00	24.52 -0.15 0.00	26.26 -0.21 0.00	32.22 -0.43 0.00	47.30 -0.43 0.00	58.64 -0.06 0.00	56.93 -0.28 0.00	44.95 -0.36 0.00	39.18 -0.36 0.00	35.72 -0.43 0.00	32.94 -0.16 0.00
SHOEMAKER___GT 23640	37.98 0.82 0.00	34.88 0.62 0.00	33.32 0.72 0.00	32.64 0.73 0.00	33.07 0.65 0.00	37.55 0.81 0.00	56.63 1.22 0.00	71.01 1.66 0.00	47.19 1.19 0.00	36.09 1.12 0.00	29.99 1.13 1.76	31.75 1.07 0.00	17.94 1.02 10.61	8.48 0.92 17.37	-1.20 0.89 26.75	-12.34 1.01 39.81	11.75 1.27 22.17	49.12 1.39 0.00	60.34 1.64 0.00	59.16 1.95 0.00	46.81 1.49 0.00	41.08 1.54 0.00	37.56 1.41 0.00	34.27 1.16 0.00
SHOEMAKR_138KV_BK 111 55601	37.95 0.78 0.00	34.88 0.62 0.00	33.29 0.68 0.00	32.61 0.70 0.00	33.07 0.65 0.00	37.55 0.81 0.00	56.57 1.16 0.00	71.01 1.66 0.00	47.20 1.20 0.00	36.09 1.12 0.00	29.32 1.13 2.43	31.75 1.07 0.00	13.92 1.02 14.64	1.92 0.95 23.95	-11.32 0.91 36.89	-27.45 1.01 54.92	3.37 1.31 30.58	49.12 1.38 0.00	60.34 1.64 0.00	59.10 1.89 0.00	46.81 1.50 0.00	41.08 1.54 0.00	37.56 1.41 0.00	34.27 1.16 0.00
SHOREHAM_IC_1 23715	36.75 -0.37 0.04	27.28 -0.55 6.43	27.28 -0.49 4.83	27.35 -0.45 4.11	27.34 -0.52 4.56	36.22 -0.48 0.05	43.38 -0.89 11.14	47.48 -0.48 21.39	43.66 -0.27 2.07	31.66 0.35 3.66	31.87 0.83 -0.42	31.41 0.73 0.00	30.74 0.69 -2.52	29.78 0.72 -4.13	31.76 0.74 -6.36	36.80 0.87 -9.46	39.08 1.17 -5.26	48.25 0.53 0.01	58.69 0.00 0.01	57.61 0.40 0.01	45.67 0.36 0.01	40.33 0.79 0.00	36.91 0.76 0.00	33.40 0.30 0.01
SHOREHAM_IC_2 23716	36.75 -0.37 0.04	27.28 -0.55 6.43	27.28 -0.49 4.83	27.35 -0.45 4.11	27.34 -0.52 4.56	36.22 -0.48 0.05	43.38 -0.89 11.14	47.54 -0.42 21.39	43.65 -0.28 2.07	31.66 0.35 3.66	31.87 0.83 -0.42	31.35 0.67 0.00	30.74 0.69 -2.52	29.77 0.72 -4.13	31.76 0.74 -6.36	36.80 0.87 -9.46	39.08 1.18 -5.26	48.25 0.53 0.01	58.69 0.00 0.01	57.60 0.40 0.01	45.72 0.41 0.01	40.45 0.91 0.00	36.84 0.69 0.00	33.40 0.30 0.01
SISSONVILLE____ 23735	38.32 1.15 0.00	35.29 1.03 0.00	33.45 0.85 0.00	32.67 0.77 0.00	33.23 0.81 0.00	37.74 0.99 0.00	57.46 2.05 0.00	71.77 2.43 0.00	46.92 0.92 0.00	35.49 0.52 0.00	30.99 0.37 0.00	31.13 0.46 0.00	27.89 0.36 0.00	25.17 0.25 0.00	24.84 0.17 0.00	26.63 0.16 0.00	32.81 0.16 0.00	48.45 0.72 0.00	59.93 1.23 0.00	58.30 1.09 0.00	46.13 0.82 0.00	40.17 0.63 0.00	36.73 0.58 0.00	33.51 0.40 0.00
SITHE_IND_GS1 24169	36.09 -1.08 0.00	33.26 -0.99 0.00	31.66 -0.95 0.00	31.01 -0.89 0.00	31.55 -0.87 0.00	35.64 -1.10 0.00	53.75 -1.66 0.00	67.27 -2.08 0.00	44.71 -1.29 0.00	33.92 -1.05 0.00	29.70 -0.92 0.00	29.75 -0.92 0.00	26.73 -0.80 0.00	24.20 -0.72 0.00	23.97 -0.69 0.00	25.70 -0.77 0.00	31.60 -1.05 0.00	46.25 -1.48 0.00	57.00 -1.70 0.00	55.50 -1.71 0.00	43.91 -1.41 0.00	38.31 -1.23 0.00	35.03 -1.12 0.00	32.15 -0.96 0.00
SITHE_IND_GS2 24170	36.09 -1.08 0.00	33.26 -0.99 0.00	31.66 -0.95 0.00	31.01 -0.89 0.00	31.55 -0.87 0.00	35.64 -1.10 0.00	53.75 -1.66 0.00	67.27 -2.08 0.00	44.71 -1.29 0.00	33.92 -1.05 0.00	29.70 -0.92 0.00	29.75 -0.92 0.00	26.73 -0.80 0.00	24.20 -0.72 0.00	23.97 -0.69 0.00	25.70 -0.77 0.00	31.60 -1.05 0.00	46.25 -1.48 0.00	57.00 -1.70 0.00	55.50 -1.71 0.00	43.91 -1.41 0.00	38.31 -1.23 0.00	35.03 -1.12 0.00	32.15 -0.96 0.00
SITHE_IND_GS3 24171	36.09 -1.08 0.00	33.26 -0.99 0.00	31.66 -0.95 0.00	31.01 -0.89 0.00	31.55 -0.87 0.00	35.64 -1.10 0.00	53.75 -1.66 0.00	67.27 -2.08 0.00	44.71 -1.29 0.00	33.92 -1.05 0.00	29.70 -0.92 0.00	29.75 -0.92 0.00	26.73 -0.80 0.00	24.20 -0.72 0.00	23.97 -0.69 0.00	25.70 -0.77 0.00	31.60 -1.05 0.00	46.25 -1.48 0.00	57.00 -1.70 0.00	55.50 -1.71 0.00	43.91 -1.41 0.00	38.31 -1.23 0.00	35.03 -1.12 0.00	32.15 -0.96 0.00
SITHE_IND_GS4 24172	36.09 -1.08 0.00	33.26 -0.99 0.00	31.66 -0.95 0.00	31.01 -0.89 0.00	31.55 -0.87 0.00	35.64 -1.10 0.00	53.75 -1.66 0.00	67.27 -2.08 0.00	44.71 -1.29 0.00	33.92 -1.05 0.00	29.70 -0.92 0.00	29.75 -0.92 0.00	26.73 -0.80 0.00	24.20 -0.72 0.00	23.97 -0.69 0.00	25.70 -0.77 0.00	31.60 -1.05 0.00	46.25 -1.48 0.00	57.00 -1.70 0.00	55.50 -1.71 0.00	43.91 -1.41 0.00	38.31 -1.23 0.00	35.03 -1.12 0.00	32.15 -0.96 0.00

SITHE___BATAVIA 24024	38.28 1.11 0.00	35.35 1.10 0.00	33.87 1.27 0.00	32.86 0.96 0.00	33.91 1.49 0.00	37.37 0.62 0.00	54.96 -0.45 0.00	67.82 -1.53 0.00	46.46 0.46 0.00	34.72 -0.24 0.00	30.59 0.03 0.06	30.73 0.06 0.00	27.50 0.36 0.39	24.74 0.45 0.63	23.81 0.12 0.98	24.86 -0.16 1.45	31.08 -0.75 0.82	46.87 -0.86 0.00	58.29 -0.41 0.00	56.35 -0.86 0.00	44.18 -1.13 0.00	38.31 -1.23 0.00	35.25 -0.90 0.00	33.31 0.20 0.00
SITHE___INDEPEND 23800	36.09 -1.08 0.00	33.26 -0.99 0.00	31.66 -0.95 0.00	31.01 -0.89 0.00	31.54 -0.88 0.00	35.64 -1.10 0.00	53.75 -1.66 0.00	67.27 -2.08 0.00	44.71 -1.29 0.00	33.92 -1.05 0.00	29.70 -0.92 0.00	29.72 -0.95 0.00	26.73 -0.80 0.00	24.20 -0.72 0.00	23.97 -0.69 0.00	25.67 -0.79 0.00	31.60 -1.04 0.00	46.25 -1.48 0.00	57.00 -1.70 0.00	55.49 -1.72 0.00	43.96 -1.36 0.00	38.31 -1.23 0.00	35.03 -1.12 0.00	32.15 -0.96 0.00
SITHE___MASSENA 23902	37.91 0.74 0.00	34.98 0.72 0.00	33.22 0.62 0.00	32.45 0.54 0.00	32.97 0.55 0.00	37.44 0.70 0.00	56.63 1.22 0.00	70.80 1.46 0.00	46.64 0.64 0.00	35.42 0.45 0.00	31.02 0.40 0.00	31.16 0.49 0.00	27.95 0.41 0.00	25.25 0.32 0.00	24.94 0.27 0.00	26.79 0.32 0.00	33.07 0.42 0.00	48.59 0.86 0.00	59.87 1.17 0.00	58.24 1.03 0.00	46.08 0.77 0.00	40.05 0.51 0.00	36.59 0.44 0.00	33.41 0.30 0.00
SITHE___OGDNSBRG 24021	38.62 1.45 0.00	35.56 1.30 0.00	33.71 1.11 0.00	32.93 1.02 0.00	33.49 1.07 0.00	38.07 1.32 0.00	57.96 2.55 0.00	72.40 3.05 0.00	47.15 1.15 0.00	35.60 0.63 0.00	31.11 0.49 0.00	31.26 0.58 0.00	27.97 0.44 0.00	25.25 0.32 0.00	24.96 0.30 0.00	26.79 0.32 0.00	33.14 0.49 0.00	49.07 1.34 0.00	60.81 2.11 0.00	59.21 2.00 0.00	46.81 1.50 0.00	40.60 1.07 0.00	37.05 0.90 0.00	33.84 0.73 0.00
SITHE___STERLING 23777	37.95 0.78 0.00	34.91 0.65 0.00	33.16 0.55 0.00	32.51 0.60 0.00	33.07 0.65 0.00	37.48 0.73 0.00	56.91 1.50 0.00	71.28 1.94 0.00	46.92 0.92 0.00	35.35 0.39 0.00	30.84 0.22 0.00	30.80 0.12 0.00	27.67 0.14 0.00	25.05 0.13 0.00	24.79 0.12 0.00	26.60 0.13 0.00	32.84 0.20 0.00	48.40 0.67 0.00	60.05 1.35 0.00	58.47 1.26 0.00	46.17 0.86 0.00	40.21 0.67 0.00	36.66 0.51 0.00	33.61 0.50 0.00
SLEIGHT__34_KV_TB1 80719	37.05 -0.11 0.00	34.33 0.07 0.00	32.64 0.03 0.00	31.91 0.00 0.00	32.61 0.19 0.00	36.64 -0.11 0.00	54.86 -0.55 0.00	68.24 -1.11 0.00	46.00 0.00 0.00	34.58 -0.38 0.00	30.28 -0.34 0.00	30.34 -0.34 0.00	27.40 -0.14 0.00	24.75 -0.17 0.00	24.32 -0.35 0.00	26.10 -0.37 0.00	31.96 -0.69 0.00	46.97 -0.76 0.00	58.17 -0.53 0.00	56.52 -0.69 0.00	44.59 -0.73 0.00	38.79 -0.75 0.00	35.39 -0.76 0.00	32.68 -0.43 0.00
SMITHTWN_69_KV_BK 1 55830	37.45 0.33 0.05	26.01 0.10 8.35	26.46 0.13 6.27	26.73 0.16 5.34	26.56 0.06 5.92	36.90 0.22 0.06	44.37 0.00 11.04	48.71 0.55 21.19	44.41 0.46 2.05	31.24 1.01 4.75	32.42 1.38 -0.42	31.93 1.26 0.00	31.27 1.21 -2.52	30.25 1.20 -4.13	32.20 1.18 -6.36	37.28 1.35 -9.46	39.64 1.73 -5.26	48.96 1.24 0.01	59.63 0.94 0.01	58.46 1.26 0.01	46.35 1.04 0.01	41.04 1.50 0.00	37.45 1.30 0.00	33.96 0.86 0.01
SOUTH CAIRO___GT 23612	38.43 1.26 0.00	35.53 1.27 0.00	33.88 1.27 0.00	33.25 1.34 0.00	33.72 1.30 0.00	38.33 1.58 0.00	58.07 2.66 0.00	72.19 2.84 0.00	47.38 1.38 0.00	35.63 0.66 0.00	31.34 0.58 -0.14	30.80 0.12 0.00	28.66 0.28 -0.85	26.61 0.30 -1.39	27.17 0.37 -2.14	30.24 0.58 -3.19	35.46 1.04 -1.77	49.31 1.58 0.00	60.81 2.11 0.00	59.73 2.52 0.00	47.13 1.81 0.00	41.04 1.50 0.00	37.70 1.55 0.00	34.40 1.29 0.00
SOUTH HAMPTN___IC 23720	37.16 0.04 0.04	27.77 -0.14 6.36	27.76 -0.07 4.78	27.81 -0.03 4.07	27.81 -0.10 4.51	36.70 0.00 0.05	44.07 -0.17 11.17	48.39 0.49 21.44	44.29 0.37 2.07	32.19 0.84 3.61	32.33 1.29 -0.42	31.87 1.20 0.00	31.18 1.13 -2.52	30.17 1.12 -4.13	32.13 1.11 -6.36	37.23 1.30 -9.46	39.57 1.66 -5.26	49.06 1.33 0.01	59.69 1.00 0.01	58.57 1.37 0.01	46.39 1.09 0.01	40.96 1.42 0.00	37.42 1.26 0.00	33.86 0.76 0.01
SOUTHDOW_115KV_TB1 355954	37.95 0.78 0.00	35.08 0.82 0.00	33.52 0.91 0.00	32.77 0.86 0.00	33.42 1.01 0.00	37.04 0.29 0.00	54.91 -0.50 0.00	67.82 -1.53 0.00	46.51 0.51 0.00	34.79 -0.17 0.00	30.70 0.15 0.08	30.77 0.09 0.00	27.72 0.66 0.47	24.90 0.75 0.77	23.70 0.22 1.19	24.81 0.11 1.77	31.03 -0.62 0.99	47.35 -0.38 0.00	59.17 0.47 0.00	56.47 -0.74 0.00	43.82 -1.50 0.00	37.68 -1.86 0.00	34.63 -1.52 0.00	32.58 -0.53 0.00
SOUTHOLD_69_KV_BK 2 55809	37.42 0.30 0.04	28.04 0.14 6.35	28.06 0.23 4.78	28.13 0.29 4.06	28.14 0.23 4.51	37.10 0.40 0.05	44.79 0.55 11.17	49.36 1.46 21.44	44.98 1.06 2.07	32.65 1.29 3.61	32.79 1.75 -0.42	32.24 1.56 0.00	31.54 1.49 -2.52	30.52 1.47 -4.13	32.48 1.46 -6.36	37.62 1.69 -9.46	40.03 2.12 -5.26	49.82 2.10 0.01	60.69 2.00 0.01	59.55 2.35 0.01	47.26 1.95 0.01	41.75 2.21 0.00	37.92 1.77 0.00	34.33 1.23 0.01
SOUTHOLD___IC 23719	37.42 0.30 0.04	28.04 0.14 6.35	28.06 0.23 4.78	28.13 0.29 4.06	28.14 0.23 4.51	37.10 0.40 0.05	44.79 0.55 11.17	49.37 1.46 21.44	44.98 1.06 2.07	32.65 1.29 3.61	32.78 1.74 -0.42	32.30 1.62 0.00	31.57 1.51 -2.52	30.52 1.47 -4.13	32.50 1.48 -6.36	37.63 1.70 -9.46	40.03 2.12 -5.26	49.82 2.10 0.01	60.69 2.00 0.01	59.55 2.35 0.01	47.21 1.90 0.01	41.63 2.09 0.00	37.96 1.81 0.00	34.33 1.23 0.01
SOUTH_FORK_WT_PWR 323839	37.35 0.22 0.04	27.97 0.07 6.36	27.99 0.16 4.78	28.09 0.25 4.06	28.14 0.23 4.51	37.10 0.40 0.05	44.79 0.55 11.17	49.37 1.46 21.44	45.03 1.10 2.07	32.68 1.33 3.61	32.85 1.81 -0.42	32.36 1.69 0.00	31.60 1.54 -2.52	30.55 1.50 -4.13	32.52 1.50 -6.36	37.68 1.75 -9.46	40.03 2.12 -5.26	49.87 2.15 0.01	60.75 2.05 0.01	59.66 2.46 0.01	47.25 1.95 0.01	41.71 2.17 0.00	38.03 1.88 0.00	34.39 1.29 0.01
SPIERFLS_115KV_TB 1 80737	37.76 0.59 0.00	35.01 0.75 0.00	33.39 0.78 0.00	32.74 0.83 0.00	33.26 0.84 0.00	37.78 1.03 0.00	57.02 1.61 0.00	71.29 1.94 0.00	46.78 0.78 0.00	35.32 0.35 0.00	30.63 -0.09 -0.10	31.19 0.52 0.00	28.46 0.33 -0.59	26.27 0.37 -0.97	26.55 0.39 -1.50	29.30 0.61 -2.23	34.15 0.26 -1.24	48.54 0.81 0.00	59.87 1.17 0.00	58.81 1.60 0.00	46.63 1.31 0.00	40.64 1.11 0.00	37.20 1.05 0.00	34.10 0.99 0.00
ST LAWRENCE____ 23600	37.43 0.26 0.00	34.50 0.24 0.00	32.80 0.20 0.00	32.07 0.16 0.00	32.58 0.16 0.00	36.93 0.18 0.00	55.80 0.39 0.00	69.76 0.42 0.00	46.14 0.14 0.00	35.07 0.11 0.00	30.71 0.09 0.00	30.83 0.15 0.00	27.64 0.11 0.00	25.00 0.08 0.00	24.71 0.05 0.00	26.52 0.05 0.00	32.74 0.10 0.00	48.02 0.29 0.00	59.05 0.35 0.00	57.50 0.29 0.00	45.50 0.18 0.00	39.58 0.04 0.00	36.15 0.00 0.00	33.04 -0.07 0.00

STATE_CA_115KV_115_LB 55624	37.39 0.22 0.00	34.57 0.31 0.00	32.93 0.33 0.00	32.26 0.35 0.00	32.74 0.32 0.00	37.26 0.51 0.00	56.07 0.66 0.00	70.25 0.90 0.00	46.55 0.55 0.00	35.46 0.49 0.00	31.07 0.34 -0.11	30.92 0.25 0.00	28.40 0.19 -0.68	26.23 0.20 -1.11	26.59 0.22 -1.70	29.32 0.32 -2.54	34.58 0.52 -1.41	48.30 0.57 0.00	59.23 0.53 0.00	57.95 0.74 0.00	46.04 0.73 0.00	40.25 0.71 0.00	36.98 0.83 0.00	33.77 0.66 0.00
STATE_ST_34_KV_LOAD 55959	37.13 -0.04 0.00	34.26 0.00 0.00	32.60 0.00 0.00	31.91 0.00 0.00	32.48 0.06 0.00	36.71 -0.04 0.00	55.41 0.00 0.00	69.28 -0.07 0.00	46.18 0.18 0.00	34.83 -0.14 0.00	30.44 -0.18 0.00	30.46 -0.21 0.00	27.42 -0.11 0.00	24.80 -0.12 0.00	24.52 -0.15 0.00	26.31 -0.16 0.00	32.35 -0.29 0.00	47.59 -0.14 0.00	58.88 0.18 0.00	57.27 0.06 0.00	45.27 -0.05 0.00	39.46 -0.08 0.00	35.93 -0.22 0.00	33.04 -0.07 0.00
STATION_5_MISC_HYD 23604	37.50 0.33 0.00	34.77 0.51 0.00	33.06 0.46 0.00	32.32 0.41 0.00	33.07 0.65 0.00	37.01 0.26 0.00	54.96 -0.45 0.00	68.10 -1.25 0.00	46.23 0.23 0.00	34.76 -0.21 0.00	30.56 -0.06 0.00	30.70 0.03 0.00	27.75 0.22 0.00	25.15 0.22 0.00	24.69 0.02 0.00	26.31 -0.16 0.00	31.41 -0.52 0.71	47.11 -0.62 0.00	58.35 -0.35 0.00	56.64 -0.57 0.00	44.64 -0.68 0.00	38.78 -0.75 0.00	35.50 -0.65 0.00	32.94 -0.16 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.31 0.15 0.00	34.57 0.31 0.00	32.86 0.26 0.00	32.13 0.22 0.00	32.84 0.42 0.00	36.86 0.11 0.00	55.08 -0.33 0.00	68.51 -0.83 0.00	46.18 0.18 0.00	34.76 -0.21 0.00	30.44 -0.18 0.00	30.52 -0.15 0.00	27.56 0.03 0.00	24.95 0.02 0.00	24.52 -0.15 0.00	26.23 -0.24 0.00	32.16 -0.49 0.00	47.21 -0.53 0.00	58.47 -0.23 0.00	56.81 -0.40 0.00	44.82 -0.50 0.00	38.94 -0.59 0.00	35.57 -0.58 0.00	32.88 -0.23 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.24 0.07 0.00	34.53 0.27 0.00	32.86 0.26 0.00	32.10 0.19 0.00	32.84 0.42 0.00	36.75 0.00 0.00	54.69 -0.72 0.00	67.82 -1.53 0.00	46.00 0.00 0.00	34.58 -0.38 0.00	30.35 -0.28 0.00	30.43 -0.25 0.00	27.53 0.00 0.00	24.95 0.02 0.00	24.44 -0.22 0.00	26.12 -0.34 0.00	31.96 -0.69 0.00	46.92 -0.81 0.00	58.00 -0.70 0.00	56.35 -0.86 0.00	44.41 -0.91 0.00	38.59 -0.95 0.00	35.32 -0.83 0.00	32.71 -0.40 0.00
STA_56___34_KV_BUS2 355983	37.24 0.07 0.00	34.53 0.27 0.00	32.86 0.26 0.00	32.10 0.19 0.00	32.84 0.42 0.00	36.75 0.00 0.00	54.69 0.00 0.00	67.82 0.00 0.00	46.00 0.00 0.00	34.58 -0.38 0.00	30.35 -0.28 0.00	30.43 -0.25 0.00	27.53 0.00 0.00	24.95 0.02 0.00	24.44 -0.22 0.00	26.12 -0.34 0.00	31.96 -0.69 0.00	46.92 -0.81 0.00	58.00 -0.70 0.00	56.35 -0.86 0.00	44.41 -0.91 0.00	38.59 -0.95 0.00	35.32 -0.83 0.00	32.71 -0.40 0.00
STA_67___115KV_BK2 355882	37.43 0.26 0.00	34.70 0.45 0.00	33.03 0.42 0.00	32.26 0.35 0.00	33.00 0.58 0.00	36.89 0.15 0.00	54.86 -0.55 0.00	67.96 -1.39 0.00	46.14 0.14 0.00	34.69 -0.28 0.00	30.44 -0.18 0.00	30.52 -0.15 0.00	27.64 0.11 0.00	25.07 0.15 0.00	24.57 -0.10 0.00	26.23 -0.24 0.00	31.32 -0.62 0.71	47.02 -0.72 0.00	58.17 -0.53 0.00	56.52 -0.69 0.00	44.54 -0.77 0.00	38.67 -0.87 0.00	35.43 -0.72 0.00	32.88 -0.23 0.00
STA_7___115KV_9TRANS 80674	37.61 0.45 0.00	34.91 0.65 0.00	33.19 0.59 0.00	32.42 0.51 0.00	33.20 0.78 0.00	37.11 0.37 0.00	55.19 -0.22 0.00	68.37 -0.97 0.00	46.46 0.46 0.00	34.90 -0.07 0.00	30.65 0.03 0.00	30.73 0.06 0.00	27.81 0.28 0.00	25.25 0.32 0.00	24.71 0.05 0.00	26.39 -0.08 0.00	31.55 -0.39 0.71	47.40 -0.33 0.00	58.64 -0.06 0.00	56.98 -0.23 0.00	44.86 -0.45 0.00	38.94 -0.59 0.00	35.64 -0.51 0.00	33.04 -0.07 0.00
STA_82___115KV_TB1 80780	37.43 0.26 0.00	34.74 0.48 0.00	33.03 0.42 0.00	32.26 0.35 0.00	33.00 0.58 0.00	36.89 0.15 0.00	54.86 -0.55 0.00	67.96 -1.39 0.00	46.14 0.14 0.00	34.69 -0.28 0.00	30.41 -0.15 0.06	30.55 -0.12 0.00	27.31 0.11 0.34	24.52 0.15 0.55	23.71 -0.10 0.85	24.96 -0.24 1.27	31.35 -0.59 0.71	47.02 -0.72 0.00	58.17 -0.53 0.00	56.52 -0.69 0.00	44.54 -0.77 0.00	38.71 -0.83 0.00	35.46 -0.69 0.00	32.88 -0.23 0.00
STEEL___WIND 323596	37.65 0.48 0.00	34.84 0.58 0.00	33.29 0.69 0.00	32.51 0.60 0.00	33.30 0.88 0.00	36.75 0.00 0.00	53.86 -1.55 0.00	66.23 -3.12 0.00	45.58 -0.41 0.00	34.20 -0.77 0.00	30.27 -0.28 0.07	30.37 -0.31 0.00	27.25 0.17 0.45	24.44 0.25 0.73	23.41 -0.12 1.13	24.39 -0.40 1.68	30.43 -1.27 0.94	46.02 -1.72 0.00	57.41 -1.29 0.00	55.09 -2.12 0.00	43.05 -2.26 0.00	37.36 -2.17 0.00	34.52 -1.63 0.00	32.65 -0.46 0.00
STEPHTWN_115KV_BK_2 55603	37.54 0.37 0.00	34.70 0.45 0.00	33.06 0.46 0.00	32.42 0.51 0.00	32.91 0.49 0.00	37.44 0.70 0.00	56.41 1.00 0.00	70.66 1.32 0.00	46.78 0.78 0.00	35.56 0.59 0.00	31.17 0.43 -0.12	30.98 0.31 0.00	28.48 0.25 -0.70	26.32 0.25 -1.15	26.70 0.27 -1.77	29.49 0.40 -2.63	34.76 0.65 -1.46	48.54 0.81 0.00	59.58 0.88 0.00	58.35 1.14 0.00	46.31 1.00 0.00	40.45 0.91 0.00	37.16 1.01 0.00	33.94 0.83 0.00
STEUBEN_REC_LFGE 323667	37.80 0.63 0.00	34.88 0.62 0.00	33.09 0.49 0.00	32.35 0.45 0.00	32.94 0.52 0.00	36.64 -0.11 0.00	54.58 -0.83 0.00	67.40 -1.94 0.00	45.68 -0.32 0.00	33.99 -0.98 0.00	29.80 -0.73 0.08	29.88 -0.80 0.00	26.73 -0.30 0.51	23.87 -0.22 0.83	22.85 -0.54 1.27	23.91 -0.66 1.90	30.58 -1.01 1.05	46.97 -0.76 0.00	58.64 -0.06 0.00	56.24 -0.97 0.00	44.00 -1.31 0.00	38.07 -1.46 0.00	34.67 -1.48 0.00	32.38 -0.73 0.00
STILLWATER___SOLAR 323814	38.17 1.00 0.00	35.29 1.03 0.00	33.62 1.01 0.00	32.96 1.05 0.00	33.49 1.07 0.00	38.03 1.29 0.00	57.40 1.99 0.00	71.77 2.43 0.00	47.29 1.29 0.00	35.77 0.80 0.00	31.15 0.43 -0.10	30.98 0.31 0.00	28.32 0.17 -0.62	26.11 0.18 -1.01	26.44 0.22 -1.56	29.15 0.37 -2.32	34.69 0.75 -1.29	49.12 1.39 0.00	60.46 1.76 0.00	59.27 2.06 0.00	46.99 1.68 0.00	41.04 1.50 0.00	37.60 1.45 0.00	34.40 1.29 0.00
STONY___BROOK 24151	37.38 0.26 0.05	27.13 0.03 7.16	27.29 0.07 5.38	27.42 0.10 4.58	27.37 0.03 5.08	36.80 0.11 0.06	44.21 -0.11 11.08	48.56 0.49 21.27	44.31 0.37 2.06	31.84 0.94 4.07	32.36 1.32 -0.42	31.93 1.26 0.00	31.21 1.16 -2.52	30.20 1.15 -4.13	32.18 1.16 -6.36	37.23 1.30 -9.46	39.60 1.70 -5.26	48.92 1.19 0.01	59.57 0.88 0.01	58.41 1.20 0.01	46.26 0.95 0.01	40.88 1.34 0.00	37.42 1.26 0.00	33.89 0.79 0.01
STURGEON_POOL_HYD 23609	38.36 1.19 0.00	35.22 0.96 0.00	33.58 0.98 0.00	32.93 1.02 0.00	33.36 0.94 0.00	37.89 1.14 0.00	57.13 1.72 0.00	71.63 2.29 0.00	47.61 1.61 0.00	36.54 1.57 0.00	32.51 1.65 -0.24	32.08 1.41 0.00	30.40 1.43 -1.43	28.59 1.32 -2.35	29.59 1.31 -3.62	33.28 1.43 -5.38	37.50 1.86 -3.00	49.59 1.86 0.00	60.70 2.00 0.00	59.44 2.23 0.00	47.04 1.72 0.00	41.32 1.78 0.00	37.81 1.66 0.00	34.50 1.39 0.00

ST_LAW_115_BK7_LBMP 345037	37.43 0.26 0.00	34.53 0.27 0.00	32.83 0.23 0.00	32.07 0.16 0.00	32.58 0.16 0.00	36.97 0.22 0.00	55.85 0.44 0.00	69.83 0.49 0.00	46.14 0.14 0.00	35.07 0.11 0.00	30.71 0.09 0.00	30.83 0.15 0.00	27.64 0.11 0.00	25.00 0.08 0.00	24.71 0.05 0.00	26.52 0.05 0.00	32.74 0.10 0.00	48.07 0.34 0.00	59.11 0.41 0.00	57.56 0.35 0.00	45.54 0.23 0.00	39.58 0.04 0.00	36.15 0.00 0.00	33.04 -0.07 0.00
ST_LAW_115_BK8_LBMP 345038	37.43 0.26 0.00	34.53 0.27 0.00	32.83 0.23 0.00	32.07 0.16 0.00	32.58 0.16 0.00	36.97 0.22 0.00	55.85 0.44 0.00	69.83 0.49 0.00	46.14 0.14 0.00	35.07 0.11 0.00	30.71 0.09 0.00	30.83 0.15 0.00	27.64 0.11 0.00	25.00 0.08 0.00	24.71 0.05 0.00	26.52 0.05 0.00	32.74 0.10 0.00	48.07 0.34 0.00	59.11 0.41 0.00	57.56 0.35 0.00	45.54 0.23 0.00	39.58 0.04 0.00	36.15 0.00 0.00	33.04 -0.07 0.00
ST_LAW_230_BK5_LBMP 345035	37.43 0.26 0.00	34.50 0.24 0.00	32.80 0.20 0.00	32.07 0.16 0.00	32.58 0.16 0.00	36.93 0.18 0.00	55.80 0.39 0.00	69.76 0.42 0.00	46.14 0.14 0.00	35.07 0.11 0.00	30.71 0.09 0.00	30.83 0.15 0.00	27.64 0.11 0.00	25.00 0.08 0.00	24.71 0.05 0.00	26.52 0.05 0.00	32.74 0.10 0.00	48.02 0.29 0.00	59.05 0.35 0.00	57.50 0.29 0.00	45.50 0.18 0.00	39.58 0.04 0.00	36.15 0.00 0.00	33.04 -0.07 0.00
ST_LAW_230_BK6_LBMP 345036	37.43 0.26 0.00	34.50 0.24 0.00	32.80 0.20 0.00	32.07 0.16 0.00	32.58 0.16 0.00	36.93 0.18 0.00	55.80 0.39 0.00	69.76 0.42 0.00	46.14 0.14 0.00	35.07 0.11 0.00	30.71 0.09 0.00	30.83 0.15 0.00	27.64 0.11 0.00	25.00 0.08 0.00	24.71 0.05 0.00	26.52 0.05 0.00	32.74 0.10 0.00	48.02 0.29 0.00	59.05 0.35 0.00	57.50 0.29 0.00	45.50 0.18 0.00	39.58 0.04 0.00	36.15 0.00 0.00	33.04 -0.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.06 0.89 0.00	34.94 0.69 0.00	33.39 0.78 0.00	32.70 0.80 0.00	33.13 0.71 0.00	37.63 0.88 0.00	56.68 1.27 0.00	71.22 1.87 0.00	47.38 1.38 0.00	36.26 1.29 0.00	32.41 1.32 -0.47	31.90 1.23 0.00	31.55 1.18 -2.83	30.65 1.10 -4.63	32.86 1.06 -7.14	38.26 1.16 -10.62	40.02 1.47 -5.91	49.31 1.58 0.00	60.52 1.82 0.00	59.27 2.06 0.00	46.95 1.63 0.00	41.24 1.70 0.00	37.67 1.52 0.00	34.40 1.29 0.00
SWANROAD_115KV_TB1 355699	37.46 0.30 0.00	34.36 0.10 0.00	32.80 0.20 0.00	32.51 0.61 0.00	33.29 0.88 0.00	35.97 -0.77 0.00	52.53 -2.88 0.00	64.35 -4.99 0.00	44.48 -1.52 0.00	33.46 -1.50 0.00	29.54 -1.01 0.07	29.60 -1.07 0.00	26.62 -0.50 0.42	23.94 -0.30 0.68	22.87 -0.74 1.05	23.89 -1.01 1.57	29.77 -1.99 0.88	44.77 -2.96 0.00	55.71 -2.99 0.00	53.55 -3.66 0.00	42.01 -3.31 0.00	36.49 -3.04 0.00	33.91 -2.24 0.00	32.58 -0.53 0.00
SYNERGY___BIOGAS 323694	38.24 1.08 0.00	35.35 1.10 0.00	33.65 1.04 0.00	33.09 1.18 0.00	33.91 1.49 0.00	37.30 0.55 0.00	54.97 -0.44 0.00	67.82 -1.53 0.00	46.46 0.46 0.00	34.72 -0.24 0.00	30.50 -0.06 0.06	30.58 -0.09 0.00	27.45 0.30 0.39	24.71 0.42 0.63	23.71 0.02 0.98	24.80 -0.21 1.45	31.08 -0.75 0.82	46.87 -0.86 0.00	58.29 -0.41 0.00	56.35 -0.86 0.00	44.18 -1.13 0.00	38.27 -1.27 0.00	35.25 -0.90 0.00	33.31 0.20 0.00
SYRACUSE___ENERGY_ST1 323597	36.87 -0.30 0.00	34.02 -0.24 0.00	32.34 -0.26 0.00	31.68 -0.22 0.00	32.23 -0.19 0.00	36.42 -0.33 0.00	55.02 -0.39 0.00	68.86 -0.49 0.00	45.82 -0.18 0.00	34.69 -0.28 0.00	30.31 -0.31 0.00	30.34 -0.34 0.00	27.29 -0.25 0.00	24.68 -0.25 0.00	24.44 -0.22 0.00	26.20 -0.26 0.00	32.25 -0.39 0.00	47.25 -0.48 0.00	58.35 -0.35 0.00	56.81 -0.40 0.00	44.95 -0.36 0.00	39.22 -0.32 0.00	35.79 -0.36 0.00	32.84 -0.26 0.00
SYRACUSE___ENERGY_ST2 323598	36.87 -0.30 0.00	34.02 -0.24 0.00	32.34 -0.26 0.00	31.68 -0.22 0.00	32.23 -0.19 0.00	36.42 -0.33 0.00	55.02 -0.39 0.00	68.86 -0.49 0.00	45.82 -0.18 0.00	34.69 -0.28 0.00	30.31 -0.31 0.00	30.34 -0.34 0.00	27.29 -0.25 0.00	24.68 -0.25 0.00	24.44 -0.22 0.00	26.20 -0.26 0.00	32.25 -0.39 0.00	47.25 -0.48 0.00	58.35 -0.35 0.00	56.81 -0.40 0.00	44.95 -0.36 0.00	39.22 -0.32 0.00	35.79 -0.36 0.00	32.84 -0.26 0.00
SYRACUSE___POWER 24017	36.79 -0.37 0.00	33.95 -0.31 0.00	32.31 -0.29 0.00	31.62 -0.29 0.00	32.16 -0.26 0.00	36.34 -0.40 0.00	54.91 -0.50 0.00	68.72 -0.62 0.00	45.72 -0.28 0.00	34.62 -0.35 0.00	30.28 -0.34 0.00	30.31 -0.37 0.00	27.26 -0.28 0.00	24.65 -0.27 0.00	24.42 -0.25 0.00	26.18 -0.29 0.00	32.22 -0.42 0.00	47.16 -0.57 0.00	58.29 -0.41 0.00	56.70 -0.51 0.00	44.91 -0.41 0.00	39.18 -0.36 0.00	35.75 -0.40 0.00	32.81 -0.30 0.00
TALLMAN__138KV_BK151 55660	38.21 1.04 0.00	35.08 0.82 0.00	33.48 0.88 0.00	32.80 0.89 0.00	33.23 0.81 0.00	37.78 1.03 0.00	56.91 1.50 0.00	71.56 2.22 0.00	47.61 1.61 0.00	36.54 1.57 0.00	32.83 1.59 -0.62	32.18 1.50 0.00	32.67 1.43 -3.71	32.31 1.32 -6.06	35.26 1.26 -9.34	41.78 1.40 -13.91	42.10 1.73 -7.73	49.59 1.86 0.00	60.81 2.11 0.00	59.44 2.23 0.00	47.13 1.81 0.00	41.43 1.90 0.00	37.85 1.70 0.00	34.53 1.42 0.00
TEALLAVE_115KV_TB7 355573	36.68 -0.48 0.00	33.85 -0.41 0.00	32.21 -0.39 0.00	31.52 -0.38 0.00	32.06 -0.36 0.00	36.23 -0.51 0.00	54.69 -0.72 0.00	68.44 -0.90 0.00	45.54 -0.46 0.00	34.55 -0.42 0.00	30.22 -0.40 0.00	30.24 -0.43 0.00	27.18 -0.36 0.00	24.60 -0.32 0.00	24.34 -0.32 0.00	26.10 -0.37 0.00	32.12 -0.52 0.00	47.02 -0.72 0.00	58.00 -0.70 0.00	56.47 -0.74 0.00	44.68 -0.63 0.00	39.02 -0.51 0.00	35.61 -0.54 0.00	32.71 -0.40 0.00
TELGRAPH_34_KV_EAST 80808	37.87 0.71 0.00	34.94 0.69 0.00	33.32 0.72 0.00	32.80 0.89 0.00	33.62 1.20 0.00	36.75 0.00 0.00	53.91 -1.50 0.00	66.36 -2.98 0.00	45.63 -0.37 0.00	34.23 -0.73 0.00	30.13 -0.43 0.07	30.21 -0.46 0.00	27.13 0.00 0.40	24.42 0.15 0.65	23.38 -0.27 1.01	24.47 -0.50 1.50	30.56 -1.24 0.84	46.01 -1.72 0.00	57.23 -1.47 0.00	55.15 -2.06 0.00	43.23 -2.08 0.00	37.52 -2.02 0.00	34.70 -1.45 0.00	32.94 -0.17 0.00
TEMPLE___115KV_TB 2 55572	36.72 -0.45 0.00	33.85 -0.41 0.00	32.21 -0.39 0.00	31.55 -0.35 0.00	32.10 -0.32 0.00	36.23 -0.51 0.00	54.74 -0.66 0.00	68.44 -0.90 0.00	45.59 -0.41 0.00	34.55 -0.42 0.00	30.22 -0.40 0.00	30.24 -0.43 0.00	27.20 -0.33 0.00	24.63 -0.30 0.00	24.37 -0.30 0.00	26.12 -0.34 0.00	32.16 -0.49 0.00	47.02 -0.72 0.00	58.05 -0.65 0.00	56.47 -0.74 0.00	44.73 -0.59 0.00	39.02 -0.51 0.00	35.64 -0.51 0.00	32.74 -0.36 0.00
TIANA____69_KV_BK 1 55817	37.09 -0.04 0.04	27.70 -0.21 6.35	27.70 -0.13 4.78	27.75 -0.10 4.06	27.75 -0.16 4.51	36.62 -0.07 0.05	43.96 -0.28 11.17	48.25 0.35 21.44	44.20 0.28 2.07	32.12 0.77 3.61	32.23 1.19 -0.42	31.72 1.04 0.00	31.07 1.02 -2.52	30.10 1.05 -4.13	32.06 1.04 -6.36	37.15 1.22 -9.46	39.47 1.57 -5.26	48.92 1.19 0.01	59.51 0.82 0.01	58.35 1.14 0.01	46.30 1.00 0.01	40.96 1.42 0.00	37.27 1.12 0.00	33.76 0.66 0.01

TILDEN___115KV_TB1 80814	36.79 -0.37 0.00	33.95 -0.31 0.00	32.31 -0.29 0.00	31.62 -0.29 0.00	32.16 -0.26 0.00	36.34 -0.40 0.00	54.91 -0.50 0.00	68.72 -0.62 0.00	45.72 -0.28 0.00	34.62 -0.35 0.00	30.28 -0.34 0.00	30.31 -0.37 0.00	27.26 -0.28 0.00	24.65 -0.27 0.00	24.42 -0.25 0.00	26.18 -0.29 0.00	32.22 -0.42 0.00	47.16 -0.57 0.00	58.29 -0.41 0.00	56.70 -0.51 0.00	44.91 -0.41 0.00	39.18 -0.36 0.00	35.75 -0.40 0.00	32.81 -0.30 0.00
TRIGEN___CC 323695	37.80 0.63 0.00	34.66 0.41 0.01	33.05 0.46 0.01	32.38 0.48 0.01	32.80 0.39 0.01	37.29 0.55 0.01	53.44 0.61 2.57	65.73 1.32 4.94	46.53 1.01 0.48	36.26 1.29 0.01	32.60 1.56 -0.42	32.11 1.44 0.00	31.40 1.35 -2.52	30.35 1.30 -4.13	32.30 1.28 -6.36	37.33 1.40 -9.46	39.64 1.73 -5.26	49.16 1.43 0.01	60.04 1.35 0.01	58.69 1.49 0.01	46.58 1.27 0.01	41.08 1.54 0.00	37.52 1.37 0.00	34.13 1.03 0.01
TRINITY___115KV___4 BK 55933	37.31 0.15 0.00	34.46 0.21 0.00	32.83 0.23 0.00	32.16 0.26 0.00	32.65 0.23 0.00	37.15 0.40 0.00	55.91 0.50 0.00	70.04 0.69 0.00	46.46 0.46 0.00	35.39 0.42 0.00	31.07 0.34 -0.12	30.95 0.28 0.00	28.42 0.19 -0.70	26.26 0.20 -1.14	26.64 0.22 -1.75	29.40 0.32 -2.61	34.59 0.49 -1.45	48.21 0.48 0.00	59.11 0.41 0.00	57.84 0.63 0.00	45.90 0.59 0.00	40.13 0.59 0.00	36.87 0.72 0.00	33.70 0.60 0.00
UNION___PROCESSING_DRP 323587	37.43 0.26 0.00	34.74 0.48 0.00	33.03 0.42 0.00	32.29 0.38 0.00	33.04 0.62 0.00	36.93 0.18 0.00	54.86 -0.55 0.00	68.03 -1.32 0.00	46.14 0.14 0.00	34.69 -0.28 0.00	30.41 -0.15 0.06	30.55 -0.12 0.00	27.31 0.11 0.34	24.52 0.15 0.55	23.71 -0.10 0.85	24.96 -0.24 1.27	31.35 -0.59 0.71	47.02 -0.72 0.00	58.23 -0.47 0.00	56.52 -0.69 0.00	44.54 -0.77 0.00	38.71 -0.83 0.00	35.46 -0.69 0.00	32.88 -0.23 0.00
UPPER HUDSON___HYD 24058	37.76 0.59 0.00	35.01 0.75 0.00	33.38 0.78 0.00	32.73 0.83 0.00	33.26 0.84 0.00	37.77 1.03 0.00	57.02 1.61 0.00	71.28 1.94 0.00	46.78 0.78 0.00	35.32 0.35 0.00	30.63 -0.09 -0.10	30.40 -0.28 0.00	27.74 -0.39 -0.59	25.60 -0.30 -0.97	25.91 -0.25 -1.50	28.62 -0.08 -2.23	34.15 0.26 -1.24	48.54 0.81 0.00	59.87 1.17 0.00	58.81 1.60 0.00	46.63 1.31 0.00	40.64 1.11 0.00	37.20 1.05 0.00	34.10 0.99 0.00
UPPER RAQUET___HYD 24056	38.32 1.15 0.00	35.29 1.03 0.00	33.45 0.85 0.00	32.67 0.76 0.00	33.23 0.81 0.00	37.74 0.99 0.00	57.46 2.05 0.00	71.77 2.43 0.00	46.92 0.92 0.00	35.49 0.53 0.00	31.02 0.40 0.00	31.10 0.43 0.00	27.89 0.36 0.00	25.20 0.27 0.00	24.84 0.17 0.00	26.63 0.16 0.00	32.81 0.16 0.00	48.45 0.72 0.00	59.93 1.23 0.00	58.29 1.08 0.00	46.17 0.86 0.00	40.17 0.63 0.00	36.73 0.58 0.00	33.51 0.40 0.00
VALLEY44_115KV_TB2 355964	37.02 -0.15 0.00	34.22 -0.03 0.00	32.73 0.13 0.00	32.07 0.16 0.00	32.68 0.26 0.00	36.31 -0.44 0.00	53.97 -1.44 0.00	66.50 -2.84 0.00	45.36 -0.64 0.00	33.92 -1.05 0.00	29.90 -0.64 0.08	30.03 -0.64 0.00	26.91 -0.14 0.48	24.08 -0.05 0.79	22.98 -0.47 1.22	24.07 -0.58 1.81	30.16 -1.47 1.02	46.01 -1.72 0.00	57.64 -1.06 0.00	55.27 -1.95 0.00	43.23 -2.08 0.00	37.40 -2.13 0.00	34.38 -1.77 0.00	32.35 -0.76 0.00
VALLEY___115KV_TB 1-4 80826	38.47 1.30 0.00	35.39 1.13 0.00	33.65 1.04 0.00	32.93 1.02 0.00	33.49 1.07 0.00	38.00 1.25 0.00	57.40 1.99 0.00	71.84 2.50 0.00	47.52 1.52 0.00	36.05 1.08 0.00	31.54 0.92 0.00	31.56 0.89 0.00	28.33 0.80 0.00	25.65 0.72 0.00	25.38 0.72 0.00	27.24 0.77 0.00	33.62 0.98 0.00	49.16 1.43 0.00	60.64 1.94 0.00	59.10 1.89 0.00	46.72 1.40 0.00	40.80 1.27 0.00	37.31 1.16 0.00	34.17 1.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.43 1.26 0.00	35.29 1.03 0.00	33.55 0.95 0.00	32.86 0.96 0.00	33.39 0.97 0.00	37.92 1.18 0.00	57.46 2.05 0.00	72.12 2.77 0.00	47.52 1.52 0.00	35.88 0.91 0.00	31.18 0.73 0.18	31.29 0.61 0.00	27.08 0.61 1.06	23.72 0.52 1.73	22.52 0.52 2.66	23.11 0.61 3.96	31.29 0.82 2.18	49.16 1.43 0.00	60.81 2.11 0.00	59.38 2.17 0.00	47.04 1.72 0.00	41.00 1.46 0.00	37.38 1.23 0.00	34.27 1.16 0.00
VISCHER___FERRY HYD 24020	37.95 0.78 0.00	35.01 0.75 0.00	33.35 0.75 0.00	32.70 0.80 0.00	33.20 0.78 0.00	37.77 1.03 0.00	56.96 1.55 0.00	71.28 1.94 0.00	47.19 1.19 0.00	35.88 0.91 0.00	31.41 0.67 -0.11	31.35 0.67 0.00	28.71 0.50 -0.68	26.52 0.47 -1.12	26.88 0.49 -1.72	29.64 0.61 -2.56	34.99 0.91 -1.43	49.02 1.29 0.00	60.22 1.52 0.00	58.93 1.71 0.00	46.72 1.41 0.00	40.84 1.30 0.00	37.49 1.34 0.00	34.24 1.13 0.00
V_A_10_SYNC_DSASP 323832	37.28 0.11 0.00	34.64 0.38 0.00	33.06 0.46 0.00	32.29 0.38 0.00	33.04 0.62 0.00	36.49 -0.26 0.00	53.47 -1.94 0.00	65.67 -3.68 0.00	45.17 -0.83 0.00	33.99 -0.98 0.00	29.97 -0.58 0.07	30.06 -0.61 0.00	27.00 -0.14 0.39	24.25 -0.02 0.65	23.28 -0.39 0.99	24.38 -0.61 1.48	30.41 -1.40 0.83	45.63 -2.10 0.00	56.70 -2.00 0.00	54.69 -2.52 0.00	42.96 -2.36 0.00	37.36 -2.17 0.00	34.60 -1.55 0.00	32.58 -0.53 0.00
V_CMM_10_SYNC_DSASP 323787	37.58 0.41 0.00	34.67 0.41 0.00	32.93 0.33 0.00	32.16 0.26 0.00	32.68 0.26 0.00	37.11 0.37 0.00	56.07 0.66 0.00	70.11 0.76 0.00	46.28 0.28 0.00	35.18 0.21 0.00	30.80 0.18 0.00	30.98 0.31 0.00	27.75 0.22 0.00	25.07 0.15 0.00	24.79 0.12 0.00	26.60 0.13 0.00	32.84 0.20 0.00	48.26 0.53 0.00	59.35 0.65 0.00	57.73 0.51 0.00	45.68 0.36 0.00	39.73 0.20 0.00	36.30 0.14 0.00	33.14 0.03 0.00
V_CMP_10_SYNC_DSASP 323788	38.54 1.38 0.00	35.59 1.33 0.00	33.81 1.21 0.00	32.99 1.09 0.00	33.55 1.13 0.00	38.07 1.32 0.00	57.57 2.16 0.00	71.84 2.49 0.00	47.38 1.38 0.00	36.05 1.09 0.00	31.60 0.98 0.00	31.78 1.10 0.00	28.50 0.96 0.00	25.72 0.80 0.00	25.38 0.72 0.00	27.24 0.77 0.00	33.66 1.01 0.00	49.59 1.86 0.00	61.05 2.35 0.00	59.27 2.06 0.00	46.72 1.41 0.00	40.25 0.71 0.00	36.59 0.44 0.00	33.31 0.20 0.00
V_D_10_SYNC_DSASP 323841	37.91 0.74 0.00	34.98 0.72 0.00	33.22 0.62 0.00	32.45 0.54 0.00	32.97 0.55 0.00	37.41 0.66 0.00	56.63 1.22 0.00	70.73 1.39 0.00	46.60 0.60 0.00	35.42 0.45 0.00	31.02 0.40 0.00	31.16 0.49 0.00	27.95 0.41 0.00	25.25 0.32 0.00	24.94 0.27 0.00	26.76 0.29 0.00	33.07 0.42 0.00	48.59 0.86 0.00	59.81 1.11 0.00	58.24 1.03 0.00	46.08 0.77 0.00	40.01 0.48 0.00	36.55 0.40 0.00	33.41 0.30 0.00
V_E_10_SYNC_DSASP 323830	40.70 3.53 0.00	37.14 2.88 0.00	35.08 2.48 0.00	34.33 2.42 0.00	34.95 2.53 0.00	39.76 3.01 0.00	61.12 5.71 0.00	76.77 7.42 0.00	49.40 3.40 0.00	36.26 1.29 0.00	31.22 0.73 0.13	30.98 0.31 0.00	27.10 0.36 0.79	23.88 0.25 1.29	22.90 0.22 1.99	23.88 0.37 2.96	31.60 0.52 1.56	49.74 2.00 0.00	62.57 3.87 0.00	60.70 3.49 0.00	47.76 2.45 0.00	41.20 1.66 0.00	37.31 1.16 0.00	34.33 1.23 0.00



V_F_30_NSYNC___DSASP 323816	38.21 1.04 0.00	35.32 1.06 0.00	33.68 1.07 0.00	32.99 1.09 0.00	33.52 1.10 0.00	38.07 1.32 0.00	57.46 2.05 0.00	71.84 2.49 0.00	47.33 1.33 0.00	35.84 0.87 0.00	31.18 0.46 -0.10	31.01 0.34 0.00	28.33 0.19 -0.61	26.14 0.22 -0.99	26.44 0.25 -1.53	29.14 0.40 -2.28	34.69 0.78 -1.27	49.16 1.43 0.00	60.52 1.82 0.00	59.33 2.12 0.00	47.04 1.72 0.00	41.08 1.54 0.00	37.60 1.45 0.00	34.43 1.33 0.00
V_F_30_SYNC_DSASP 323786	37.39 0.22 0.00	34.57 0.31 0.00	32.93 0.33 0.00	32.26 0.35 0.00	32.74 0.32 0.00	37.26 0.51 0.00	56.07 0.66 0.00	70.25 0.90 0.00	46.55 0.55 0.00	35.42 0.45 0.00	31.07 0.34 -0.11	30.92 0.25 0.00	28.40 0.19 -0.68	26.23 0.20 -1.11	26.59 0.22 -1.71	29.33 0.32 -2.54	34.58 0.52 -1.41	48.30 0.57 0.00	59.23 0.53 0.00	57.95 0.74 0.00	45.99 0.68 0.00	40.25 0.71 0.00	36.98 0.83 0.00	33.77 0.66 0.00
V_XM_10_SYNC_DSASP 323789	38.54 1.38 0.00	35.59 1.33 0.00	33.81 1.21 0.00	32.99 1.09 0.00	33.55 1.13 0.00	38.07 1.32 0.00	57.57 2.16 0.00	71.84 2.49 0.00	47.38 1.38 0.00	36.05 1.09 0.00	31.60 0.98 0.00	31.78 1.10 0.00	28.50 0.96 0.00	25.72 0.80 0.00	25.38 0.72 0.00	27.24 0.77 0.00	33.66 1.01 0.00	49.59 1.86 0.00	61.05 2.35 0.00	59.27 2.06 0.00	46.72 1.41 0.00	40.25 0.71 0.00	36.59 0.44 0.00	33.31 0.20 0.00
W.BABYLN_69_KV_BK1 56697	37.91 0.74 0.00	34.27 0.55 0.53	32.76 0.55 0.40	32.10 0.54 0.34	32.53 0.49 0.38	37.40 0.66 0.01	46.46 0.44 9.40	52.42 1.11 18.03	45.08 0.83 1.74	36.03 1.36 0.31	32.75 1.71 -0.42	32.21 1.53 0.00	31.51 1.46 -2.52	30.47 1.42 -4.13	32.45 1.43 -6.36	37.52 1.59 -9.46	39.93 2.02 -5.26	49.49 1.77 0.01	60.34 1.64 0.01	59.15 1.95 0.01	46.85 1.54 0.01	41.43 1.90 0.00	37.74 1.59 0.00	34.29 1.19 0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.39 1.23 0.00	35.22 0.96 0.00	33.61 1.01 0.00	32.93 1.02 0.00	33.36 0.94 0.00	38.07 1.32 0.00	57.40 1.99 0.00	72.12 2.77 0.00	47.98 1.98 0.00	36.75 1.78 0.00	32.94 1.75 -0.57	32.33 1.66 0.00	32.53 1.57 -3.43	31.99 1.45 -5.61	34.72 1.41 -8.65	40.90 1.56 -12.87	41.49 1.86 -6.99	49.78 2.05 0.00	61.05 2.35 0.00	59.73 2.52 0.00	47.31 1.99 0.00	41.55 2.02 0.00	37.99 1.84 0.00	34.67 1.56 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.58 1.41 0.00	35.39 1.13 0.00	33.71 1.11 0.00	33.02 1.12 0.00	33.46 1.04 0.00	38.03 1.29 0.00	57.07 1.66 0.00	72.05 2.70 0.00	47.98 1.98 0.00	37.03 2.06 0.00	33.09 2.05 -0.42	32.61 1.93 0.00	31.88 1.82 -2.53	30.74 1.67 -4.14	32.67 1.63 -6.38	37.71 1.75 -9.50	40.11 2.19 -5.28	49.93 2.20 0.00	60.99 2.29 0.00	59.50 2.29 0.00	47.22 1.90 0.00	41.63 2.10 0.00	38.10 1.95 0.00	34.73 1.62 0.00
W50THST__13_KV_LOAD 356117	38.73 1.56 0.00	35.53 1.27 0.00	33.84 1.24 0.00	33.15 1.24 0.00	33.59 1.17 0.00	38.18 1.43 0.00	57.29 1.88 0.00	72.40 3.05 0.00	48.25 2.25 0.00	37.21 2.24 0.00	33.25 2.20 -0.42	32.79 2.12 0.00	32.05 1.98 -2.53	30.89 1.82 -4.14	32.79 1.75 -6.38	37.84 1.88 -9.50	40.31 2.38 -5.28	50.21 2.48 0.00	61.34 2.64 0.00	59.78 2.57 0.00	47.44 2.13 0.00	41.83 2.29 0.00	38.25 2.10 0.00	34.86 1.75 0.00
WADING RIVER_IC_1 23522	36.79 -0.34 0.04	27.40 -0.48 6.37	27.39 -0.42 4.79	27.45 -0.38 4.08	27.45 -0.45 4.52	36.29 -0.40 0.05	43.40 -0.83 11.18	47.55 -0.35 21.45	43.69 -0.23 2.08	31.76 0.42 3.62	31.93 0.89 -0.42	31.47 0.80 0.00	30.82 0.77 -2.52	29.85 0.80 -4.13	31.81 0.79 -6.36	36.83 0.90 -9.46	39.12 1.21 -5.26	48.30 0.57 0.01	58.75 0.06 0.01	57.66 0.46 0.01	45.71 0.41 0.01	40.37 0.83 0.00	36.94 0.79 0.00	33.43 0.33 0.01
WADING RIVER_IC_2 23547	36.79 -0.34 0.04	27.40 -0.48 6.37	27.39 -0.42 4.79	27.45 -0.38 4.08	27.45 -0.45 4.52	36.29 -0.40 0.05	43.40 -0.83 11.18	47.55 -0.35 21.45	43.69 -0.23 2.08	31.76 0.42 3.62	31.93 0.89 -0.42	31.47 0.80 0.00	30.82 0.77 -2.52	29.85 0.80 -4.13	31.81 0.79 -6.36	36.83 0.90 -9.46	39.12 1.21 -5.26	48.30 0.57 0.01	58.75 0.06 0.01	57.66 0.46 0.01	45.71 0.41 0.01	40.37 0.83 0.00	36.94 0.79 0.00	33.43 0.33 0.01
WADING RIVER_IC_3 23601	36.79 -0.34 0.04	27.40 -0.48 6.37	27.39 -0.42 4.79	27.45 -0.38 4.08	27.45 -0.45 4.52	36.29 -0.40 0.05	43.40 -0.83 11.18	47.55 -0.35 21.45	43.69 -0.23 2.08	31.76 0.42 3.62	31.93 0.89 -0.42	31.47 0.80 0.00	30.82 0.77 -2.52	29.85 0.80 -4.13	31.81 0.79 -6.36	36.83 0.90 -9.46	39.12 1.21 -5.26	48.30 0.57 0.01	58.75 0.06 0.01	57.66 0.46 0.01	45.71 0.41 0.01	40.37 0.83 0.00	36.94 0.79 0.00	33.43 0.33 0.01
WALDENNY_12_KV_BK2 80841	37.72 0.56 0.00	34.88 0.62 0.00	33.29 0.68 0.00	32.64 0.73 0.00	33.39 0.97 0.00	36.71 -0.04 0.00	53.86 -1.55 0.00	66.23 -3.12 0.00	45.63 -0.37 0.00	34.23 -0.73 0.00	30.21 -0.34 0.07	30.27 -0.40 0.00	27.23 0.14 0.44	24.45 0.25 0.73	23.32 -0.22 1.12	24.38 -0.42 1.67	30.47 -1.24 0.94	46.06 -1.67 0.00	57.41 -1.29 0.00	55.09 -2.12 0.00	43.05 -2.27 0.00	37.32 -2.21 0.00	34.56 -1.59 0.00	32.71 -0.40 0.00
WALDEN___HYDRO 24148	38.24 1.08 0.00	35.11 0.86 0.00	33.52 0.91 0.00	32.83 0.93 0.00	33.26 0.84 0.00	37.81 1.07 0.00	57.02 1.61 0.00	71.56 2.22 0.00	47.56 1.56 0.00	36.40 1.43 0.00	32.53 1.41 -0.50	31.96 1.29 0.00	31.78 1.24 -3.01	30.99 1.15 -4.92	33.36 1.11 -7.58	39.00 1.24 -11.29	40.52 1.60 -6.28	49.50 1.77 0.00	60.75 2.05 0.00	59.50 2.29 0.00	47.13 1.81 0.00	41.35 1.82 0.00	37.81 1.66 0.00	34.50 1.39 0.00
WARRENSBURG____ 23737	37.76 0.59 0.00	35.01 0.75 0.00	33.39 0.78 0.00	32.74 0.83 0.00	33.26 0.84 0.00	37.78 1.03 0.00	57.02 1.61 0.00	71.29 1.94 0.00	46.78 0.78 0.00	35.32 0.35 0.00	30.63 -0.09 -0.10	31.19 0.52 0.00	28.46 0.33 -0.59	26.27 0.37 -0.97	26.55 0.39 -1.50	29.30 0.61 -2.23	34.15 0.26 -1.24	48.54 0.81 0.00	59.87 1.17 0.00	58.81 1.60 0.00	46.63 1.31 0.00	40.64 1.11 0.00	37.20 1.05 0.00	34.10 0.99 0.00
WATERSIDE___6 8 9 23538	38.73 1.56 -0.01	35.53 1.27 -0.01	33.85 1.24 -0.01	33.16 1.24 -0.01	33.59 1.17 -0.01	38.07 1.32 0.00	56.68 1.27 0.01	71.63 2.29 0.00	47.84 1.84 0.00	37.18 2.20 -0.01	33.15 2.11 -0.42	32.70 2.02 0.00	31.99 1.93 -2.53	30.84 1.77 -4.14	32.74 1.70 -6.37	37.78 1.83 -9.48	40.24 2.32 -5.28	49.83 2.10 0.00	60.64 1.94 0.00	59.15 1.95 0.01	47.08 1.77 0.00	41.67 2.13 0.00	38.21 2.06 0.00	34.90 1.79 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.06 0.89 0.00	35.05 0.79 0.00	33.32 0.72 0.00	32.61 0.70 0.00	33.13 0.71 0.00	37.59 0.85 0.00	56.79 1.39 0.00	71.08 1.73 0.00	47.06 1.06 0.00	35.70 0.73 0.00	31.26 0.64 0.00	31.29 0.61 0.00	28.08 0.55 0.00	25.42 0.50 0.00	25.16 0.49 0.00	27.00 0.53 0.00	33.33 0.69 0.00	48.73 1.00 0.00	60.05 1.35 0.00	58.53 1.32 0.00	46.31 1.00 0.00	40.41 0.87 0.00	36.95 0.80 0.00	33.87 0.76 0.00

WDELAWARE___HYD 323627	38.28 1.11 0.00	35.15 0.89 0.00	33.55 0.95 0.00	32.90 0.99 0.00	33.33 0.91 0.00	37.85 1.10 0.00	57.24 1.83 0.00	71.70 2.36 0.00	47.51 1.52 0.00	36.23 1.26 0.00	31.75 1.19 0.06	31.78 1.10 0.00	28.20 1.05 0.38	25.26 0.95 0.62	24.65 0.94 0.95	26.14 1.09 1.41	33.30 1.43 0.78	49.50 1.77 0.00	60.87 2.17 0.00	59.67 2.46 0.00	47.13 1.81 0.00	41.27 1.74 0.00	37.74 1.59 0.00	34.40 1.29 0.00
WEST BABYLON___IC 23714	37.91 0.74 0.00	34.27 0.55 0.53	32.76 0.55 0.40	32.10 0.54 0.34	32.53 0.49 0.38	37.40 0.66 0.01	46.46 0.44 9.40	52.42 1.11 18.03	45.08 0.83 1.74	36.03 1.36 0.31	32.75 1.71 -0.42	32.21 1.53 0.00	31.51 1.46 -2.52	30.47 1.42 -4.13	32.45 1.43 -6.36	37.52 1.59 -9.46	39.93 2.02 -5.26	49.49 1.77 0.01	60.34 1.64 0.01	59.15 1.95 0.01	46.85 1.54 0.01	41.43 1.90 0.00	37.74 1.59 0.00	34.29 1.19 0.01
WEST CANADA___HYD 24049	37.24 0.07 0.00	34.29 0.03 0.00	32.64 0.03 0.00	31.97 0.06 0.00	32.45 0.03 0.00	36.82 0.07 0.00	55.52 0.11 0.00	69.55 0.21 0.00	46.09 0.09 0.00	35.04 0.07 0.00	30.68 0.06 0.00	30.70 0.03 0.00	27.56 0.03 0.00	24.95 0.02 0.00	24.69 0.02 0.00	26.52 0.05 0.00	32.71 0.07 0.00	47.83 0.10 0.00	58.82 0.12 0.00	57.33 0.11 0.00	45.41 0.09 0.00	39.66 0.12 0.00	36.26 0.11 0.00	33.21 0.10 0.00
WESTERN_NY_WIND 24143	38.21 1.04 0.00	35.32 1.06 0.00	33.65 1.04 0.00	33.05 1.15 0.00	33.88 1.46 0.00	37.26 0.51 0.00	54.86 -0.55 0.00	67.68 -1.66 0.00	46.37 0.37 0.00	34.69 -0.28 0.00	30.46 -0.09 0.07	30.55 -0.12 0.00	27.42 0.28 0.39	24.68 0.40 0.64	23.67 0.00 0.99	24.76 -0.24 1.47	31.00 -0.82 0.83	46.78 -0.95 0.00	58.23 -0.47 0.00	56.24 -0.97 0.00	44.09 -1.22 0.00	38.19 -1.34 0.00	35.21 -0.94 0.00	33.27 0.17 0.00
WESTOVER___LESR 323668	37.39 0.22 0.00	34.46 0.21 0.00	32.86 0.26 0.00	32.16 0.26 0.00	32.71 0.29 0.00	36.86 0.11 0.00	55.46 0.06 0.00	69.14 -0.21 0.00	46.23 0.23 0.00	34.93 -0.03 0.00	30.52 0.03 0.13	30.67 0.00 0.00	26.91 0.14 0.76	23.83 0.15 1.25	22.79 0.05 1.92	23.63 0.03 2.86	30.87 -0.16 1.61	47.64 -0.10 0.00	59.05 0.35 0.00	57.32 0.11 0.00	45.31 0.00 0.00	39.50 -0.04 0.00	36.08 -0.07 0.00	33.27 0.17 0.00
WETHRSFD_WT_PWR 323626	37.39 0.22 0.00	34.53 0.27 0.00	32.90 0.29 0.00	32.10 0.19 0.00	32.81 0.39 0.00	36.41 -0.33 0.00	53.63 -1.78 0.00	66.09 -3.26 0.00	45.08 -0.92 0.00	33.71 -1.26 0.00	29.78 -0.76 0.08	29.91 -0.77 0.00	26.74 -0.30 0.49	23.93 -0.20 0.80	22.94 -0.49 1.23	23.87 -0.77 1.83	30.08 -1.53 1.03	45.92 -1.81 0.00	57.46 -1.24 0.00	55.09 -2.12 0.00	43.14 -2.17 0.00	37.40 -2.14 0.00	34.23 -1.92 0.00	32.22 -0.89 0.00
WHAVSTOR_138KV_BK127 55557	38.21 1.04 0.00	35.08 0.82 0.00	33.45 0.85 0.00	32.77 0.86 0.00	33.20 0.78 0.00	37.74 0.99 0.00	56.79 1.39 0.00	71.43 2.08 0.00	47.56 1.56 0.00	36.51 1.54 0.00	32.73 1.56 -0.55	32.18 1.50 0.00	32.22 1.40 -3.28	31.60 1.30 -5.38	34.20 1.26 -8.28	40.17 1.38 -12.33	41.24 1.73 -6.86	49.55 1.81 0.00	60.70 2.00 0.00	59.33 2.12 0.00	47.04 1.72 0.00	41.39 1.86 0.00	37.81 1.66 0.00	34.53 1.42 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.21 1.04 0.00	35.08 0.82 0.00	33.45 0.85 0.00	32.77 0.86 0.00	33.20 0.78 0.00	37.74 0.99 0.00	56.79 1.39 0.00	71.43 2.08 0.00	47.56 1.56 0.00	36.51 1.54 0.00	32.73 1.56 -0.55	32.18 1.50 0.00	32.22 1.40 -3.28	31.60 1.30 -5.38	34.20 1.26 -8.28	40.17 1.38 -12.33	41.24 1.73 -6.86	49.55 1.81 0.00	60.70 2.00 0.00	59.33 2.12 0.00	47.04 1.72 0.00	41.39 1.86 0.00	37.81 1.66 0.00	34.53 1.42 0.00
WHITEHAL_115KV_TB1 80871	38.28 1.11 0.00	35.53 1.27 0.00	33.88 1.27 0.00	33.25 1.34 0.00	33.78 1.36 0.00	38.40 1.65 0.00	58.07 2.66 0.00	72.54 3.19 0.00	47.38 1.38 0.00	35.63 0.66 0.00	30.75 0.03 -0.10	31.16 0.49 0.00	28.41 0.28 -0.60	26.23 0.32 -0.98	26.54 0.37 -1.51	29.35 0.64 -2.25	34.39 0.49 -1.25	49.16 1.43 0.00	60.75 2.05 0.00	59.78 2.57 0.00	47.44 2.13 0.00	41.28 1.74 0.00	37.70 1.55 0.00	34.57 1.46 0.00
WHITEPLN_13_KV_LOAD 356215	38.62 1.45 0.00	35.42 1.16 0.00	33.78 1.17 0.00	33.09 1.18 0.00	33.55 1.13 0.00	38.11 1.36 0.00	57.35 1.94 0.00	72.54 3.19 0.00	48.30 2.30 0.00	37.14 2.17 0.00	33.23 2.17 -0.43	32.73 2.06 0.00	32.05 1.93 -2.59	30.91 1.74 -4.24	32.89 1.70 -6.53	37.98 1.80 -9.72	40.30 2.25 -5.40	50.21 2.48 0.00	61.40 2.70 0.00	60.13 2.92 0.00	47.63 2.31 0.00	41.91 2.37 0.00	38.28 2.13 0.00	34.93 1.82 0.00
WM_FLOYD_69_KV_BK2 356380	37.09 -0.04 0.04	27.73 -0.24 6.29	27.68 -0.20 4.73	27.72 -0.16 4.02	27.73 -0.23 4.46	36.55 -0.15 0.05	43.88 -0.39 11.14	48.11 0.14 21.37	44.07 0.14 2.07	32.06 0.66 3.58	32.11 1.07 -0.42	31.62 0.95 0.00	30.96 0.91 -2.52	30.00 0.95 -4.13	31.96 0.94 -6.36	37.02 1.09 -9.46	39.34 1.44 -5.26	48.68 0.95 0.01	59.22 0.53 0.01	58.06 0.86 0.01	46.08 0.77 0.01	40.76 1.23 0.00	37.13 0.98 0.00	33.66 0.56 0.01
WOODARD___115KV_TB2 355635	36.65 -0.52 0.00	33.78 -0.48 0.00	32.15 -0.46 0.00	31.49 -0.41 0.00	32.03 -0.39 0.00	36.20 -0.55 0.00	54.63 -0.78 0.00	68.37 -0.97 0.00	45.49 -0.51 0.00	34.48 -0.49 0.00	30.16 -0.46 0.00	30.18 -0.49 0.00	27.15 -0.39 0.00	24.55 -0.37 0.00	24.32 -0.35 0.00	26.07 -0.40 0.00	32.09 -0.55 0.00	46.97 -0.76 0.00	57.94 -0.76 0.00	56.41 -0.80 0.00	44.68 -0.63 0.00	38.98 -0.55 0.00	35.57 -0.58 0.00	32.68 -0.43 0.00
WOODMERE_69_KV_BK1 55827	38.17 1.00 0.00	35.01 0.75 0.01	33.35 0.75 0.01	32.66 0.77 0.01	33.09 0.68 0.01	37.62 0.88 0.01	55.39 1.11 1.12	69.07 1.87 2.15	47.17 1.38 0.21	36.53 1.57 0.01	32.88 1.84 -0.42	32.39 1.72 0.00	31.65 1.60 -2.52	30.60 1.55 -4.13	32.55 1.53 -6.36	37.60 1.67 -9.46	39.96 2.06 -5.26	49.68 1.96 0.01	60.69 2.00 0.01	59.38 2.17 0.01	47.08 1.77 0.01	41.47 1.94 0.00	37.85 1.70 0.00	34.43 1.32 0.01
YORK___WARBASSE 23770	38.77 1.60 -0.01	35.57 1.30 -0.01	33.88 1.27 -0.01	33.16 1.24 -0.01	33.63 1.20 -0.01	38.07 1.32 0.00	56.34 0.94 0.01	71.22 1.87 0.00	47.52 1.52 0.00	37.11 2.13 -0.01	33.09 2.05 -0.42	32.67 1.99 0.00	31.97 1.90 -2.54	30.81 1.74 -4.14	32.71 1.68 -6.37	37.78 1.83 -9.48	40.21 2.29 -5.28	49.69 1.96 0.00	60.46 1.76 0.00	58.98 1.77 0.01	46.90 1.59 0.00	41.59 2.06 0.00	38.25 2.10 0.00	34.96 1.85 0.00