

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								10/17/2025		
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		40.88	38.06	36.62	35.89	36.31	40.18	53.77	73.09	52.78	40.53	37.12	36.13	34.05	33.80	33.56	35.63	41.54	54.83	63.18	61.52	49.02	44.73	41.65	38.66			
24138		2.20	1.85	1.64	1.55	1.50	1.60	1.72	2.93	2.13	1.95	2.12	2.05	2.03	2.15	2.30	2.40	2.76	2.81	2.95	2.87	2.29	2.09	2.13	2.00			
		0.00	0.00	0.00	0.00	0.00	-0.51	0.00	-1.97	0.00	-1.76	-1.86	-2.02	-1.75	-1.42	-1.43	-1.22	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	-0.38			
74TH STREET_GT_1		40.96	38.17	36.69	35.96	36.38	40.25	53.82	73.09	52.78	40.58	37.16	36.17	34.09	33.87	33.60	35.70	41.58	54.83	63.24	61.58	49.06	44.77	41.73	38.74			
24260		2.28	1.96	1.71	1.61	1.57	1.67	1.77	2.93	2.13	1.99	2.15	2.08	2.06	2.21	2.33	2.46	2.80	2.81	3.01	2.93	2.34	2.13	2.21	2.07			
		0.00	0.00	0.00	0.00	0.00	-0.51	0.00	-1.98	0.00	-1.76	-1.87	-2.03	-1.76	-1.42	-1.44	-1.22	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	-0.38			
74TH STREET_GT_2		40.96	38.17	36.69	35.96	36.38	40.25	53.82	73.09	52.78	40.58	37.16	36.17	34.09	33.87	33.60	35.70	41.58	54.83	63.24	61.58	49.06	44.77	41.73	38.74			
24261		2.28	1.96	1.71	1.61	1.57	1.67	1.77	2.93	2.13	1.99	2.15	2.08	2.06	2.21	2.33	2.46	2.80	2.81	3.01	2.93	2.34	2.13	2.21	2.07			
		0.00	0.00	0.00	0.00	0.00	-0.51	0.00	-1.98	0.00	-1.76	-1.87	-2.03	-1.76	-1.42	-1.44	-1.22	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	-0.38			
ADK HUDSON___FALLS		39.84	37.34	36.06	35.41	35.93	38.94	53.66	69.38	51.87	36.58	32.57	31.36	29.61	29.81	29.39	31.83	38.72	53.63	62.52	60.64	48.36	44.00	40.67	37.15			
24011		1.16	1.12	1.08	1.06	1.11	1.18	1.61	2.39	1.22	0.48	0.20	0.13	0.06	0.15	0.15	0.32	0.61	1.61	2.29	1.99	1.64	1.36	1.15	1.02			
		0.00	0.00	0.00	0.00	0.00	0.31	0.00	1.19	0.00	0.72	0.76	0.83	0.72	0.58	0.59	0.50	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.16			
ADK RESOURCE___RCVRY		39.92	37.41	36.17	35.52	36.03	39.06	53.92	69.66	51.97	36.63	32.62	31.37	29.59	29.78	29.37	31.80	38.76	53.79	62.76	60.88	48.55	44.17	40.75	37.22			
23798		1.24	1.19	1.19	1.17	1.22	1.30	1.87	2.66	1.31	0.52	0.23	0.13	0.03	0.12	0.12	0.29	0.65	1.77	2.53	2.23	1.82	1.53	1.23	1.09			
		0.00	0.00	0.00	0.00	0.00	0.30	0.00	1.18	0.00	0.71	0.75	0.82	0.71	0.57	0.58	0.49	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.15			
ADK S GLENS___FALLS		39.84	37.34	36.06	35.41	35.93	38.94	53.66	69.38	51.87	36.58	32.57	31.36	29.61	29.81	29.39	31.83	38.72	53.63	62.52	60.64	48.36	44.00	40.67	37.15			
24028		1.16	1.12	1.08	1.06	1.11	1.18	1.61	2.39	1.22	0.48	0.20	0.13	0.06	0.15	0.15	0.32	0.61	1.61	2.29	1.99	1.64	1.36	1.15	1.02			
		0.00	0.00	0.00	0.00	0.00	0.31	0.00	1.19	0.00	0.72	0.76	0.83	0.72	0.58	0.59	0.50	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.16			
ADK_NYS___DAM		39.76	37.09	35.75	35.03	35.44	38.21	53.03	67.13	51.72	36.14	32.34	31.09	29.56	29.91	29.59	32.10	39.44	53.89	62.58	60.88	48.36	43.96	40.78	37.11			
23527		1.08	0.87	0.77	0.69	0.63	0.84	0.99	1.63	1.07	0.88	0.86	0.83	0.85	0.94	1.04	1.18	1.57	1.87	2.35	2.23	1.63	1.32	1.26	1.16			
		0.00	0.00	0.00	0.00	0.00	0.70	0.00	2.69	0.00	1.57	1.66	1.80	1.56	1.26	1.28	1.09	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.34			
AIR_PRODUCTS___DRP		38.60	36.22	34.95	34.28	34.71	37.66	51.48	66.74	50.30	36.04	32.40	31.30	29.64	29.81	29.43	31.71	38.25	52.02	60.23	58.65	46.73	42.55	39.44	36.23			
24190		-0.08	0.00	-0.03	-0.07	-0.10	-0.15	-0.57	-0.48	-0.35	-0.18	-0.10	-0.06	-0.03	0.06	0.09	0.13	0.11	0.00	0.00	0.00	0.00	-0.09	-0.08	0.07			
		0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.96	0.00	0.61	0.64	0.70	0.60	0.49	0.49	0.42	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.13			
AKWESSNE_115KV_BK		38.99	36.58	35.33	34.69	35.23	38.60	52.83	68.93	51.32	37.27	33.37	32.35	30.45	30.36	29.95	32.13	38.57	52.48	60.83	59.35	47.19	43.11	39.87	36.61			
355683		0.31	0.36	0.35	0.34	0.42	0.53	0.78	0.75	0.66	0.44	0.23	0.29	0.18	0.12	0.12	0.13	0.27	0.47	0.60	0.70	0.47	0.47	0.36	0.33			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		39.49	37.01	35.79	35.10	35.55	39.02	53.25	69.58	51.31	36.91	33.05	31.94	30.15	30.25	29.90	32.25	38.82	53.06	61.50	59.88	47.75	43.49	40.27	37.05			
323833		0.81	0.80	0.81	0.75	0.73	1.06	1.20	1.84	0.66	0.33	0.17	0.16	0.12	0.21	0.27	0.41	0.61	1.04	1.27	1.23	1.03	0.85	0.75	0.84			
		0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.45	0.00	0.24	0.26	0.28	0.24	0.20	0.20	0.17	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.07			
ALBANY_2_SOLAR		39.49	37.01	35.75	35.07	35.55	39.02	53.19	69.58	51.31	36.91	33.05	31.91	30.15	30.25	29.90	32.25	38.82	53.00	61.50	59.88	47.71	43.49	40.27	37.05			
323834		0.81	0.80	0.77	0.72	0.73	1.06	1.14	1.84	0.66	0.33	0.17	0.13	0.12	0.21	0.27	0.41	0.61	0.99	1.27	1.23	0.98	0.85	0.75	0.84			
		0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.45	0.00	0.24	0.26	0.28	0.24	0.20	0.20	0.17	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.07			
ALBANY___1		38.60	36.22	34.95	34.28	34.71	37.66	51.48	66.74	50.30	36.04	32.40	31.30	29.64	29.81	29.43	31.71	38.25	52.02	60.23	58.65	46.73	42.55	39.44	36.23			
23571		-0.08	0.00	-0.03	-0.07	-0.10	-0.15	-0.57	-0.48	-0.35	-0.18	-0.10	-0.06	-0.03	0.06	0.09	0.13	0.11	0.00	0.00	0.00	0.00	-0.09	-0.08	0.07			
		0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.96	0.00	0.61	0.64	0.70	0.60	0.49	0.49	0.42	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.13			

ALBANY___2 23572	38.60 -0.08 0.00	36.22 0.00 0.00	34.95 -0.03 0.00	34.28 -0.07 0.00	34.71 -0.10 0.00	37.66 -0.15 0.25	51.48 -0.57 0.00	66.74 -0.48 0.96	50.30 -0.35 0.00	36.04 -0.18 0.61	32.40 -0.10 0.64	31.30 -0.06 0.70	29.64 -0.03 0.60	29.81 0.06 0.49	29.43 0.09 0.49	31.71 0.13 0.42	38.25 0.11 0.16	52.02 0.00 0.00	60.23 0.00 0.00	58.65 0.00 0.00	46.73 0.00 0.00	42.55 -0.09 0.00	39.44 -0.08 0.00	36.23 0.07 0.13
ALBANY___3 23573	38.60 -0.08 0.00	36.22 0.00 0.00	34.95 -0.03 0.00	34.28 -0.07 0.00	34.71 -0.10 0.00	37.66 -0.15 0.25	51.48 -0.57 0.00	66.74 -0.48 0.96	50.30 -0.35 0.00	36.04 -0.18 0.61	32.40 -0.10 0.64	31.30 -0.06 0.70	29.64 -0.03 0.60	29.81 0.06 0.49	29.43 0.09 0.49	31.71 0.13 0.42	38.25 0.11 0.16	52.02 0.00 0.00	60.23 0.00 0.00	58.65 0.00 0.00	46.73 0.00 0.00	42.55 -0.09 0.00	39.44 -0.08 0.00	36.23 0.07 0.13
ALBANY___4 23574	38.60 -0.08 0.00	36.22 0.00 0.00	34.95 -0.03 0.00	34.28 -0.07 0.00	34.71 -0.10 0.00	37.66 -0.15 0.25	51.48 -0.57 0.00	66.74 -0.48 0.96	50.30 -0.35 0.00	36.04 -0.18 0.61	32.40 -0.10 0.64	31.30 -0.06 0.70	29.64 -0.03 0.60	29.81 0.06 0.49	29.43 0.09 0.49	31.71 0.13 0.42	38.25 0.11 0.16	52.02 0.00 0.00	60.23 0.00 0.00	58.65 0.00 0.00	46.73 0.00 0.00	42.55 -0.09 0.00	39.44 -0.08 0.00	36.23 0.07 0.13
ALBANY___LFGE 323615	38.91 0.23 0.00	36.51 0.29 0.00	35.26 0.28 0.00	34.55 0.21 0.00	35.03 0.21 0.00	37.94 0.15 0.28	52.00 -0.05 0.00	67.29 0.21 1.10	50.71 0.05 0.00	36.21 0.07 0.68	32.55 0.13 0.72	31.43 0.16 0.79	29.74 0.15 0.68	29.93 0.24 0.55	29.54 0.27 0.56	31.88 0.35 0.48	38.54 0.42 0.19	52.54 0.52 0.00	60.83 0.60 0.00	59.18 0.53 0.00	47.15 0.42 0.00	42.94 0.30 0.00	39.76 0.24 0.00	36.50 0.36 0.15
ALCOA_PA_115KV_PL-6C 55860	39.14 0.46 0.00	36.76 0.54 0.00	35.50 0.52 0.00	34.86 0.52 0.00	35.41 0.59 0.00	38.83 0.76 0.00	53.19 1.15 0.00	69.27 1.09 0.00	51.52 0.86 0.00	37.41 0.59 0.00	33.47 0.33 0.00	32.47 0.42 0.00	30.54 0.27 0.00	30.45 0.21 0.00	30.01 0.18 0.00	32.23 0.22 0.00	38.68 0.38 0.00	52.69 0.68 0.00	61.07 0.84 0.00	59.65 1.00 0.00	47.43 0.70 0.00	43.32 0.68 0.00	40.07 0.55 0.00	36.79 0.51 0.00
ALCOA_RYNLDS___DRP 24188	39.14 0.46 0.00	36.76 0.54 0.00	35.50 0.52 0.00	34.86 0.52 0.00	35.41 0.59 0.00	38.83 0.76 0.00	53.19 1.15 0.00	69.27 1.09 0.00	51.52 0.86 0.00	37.41 0.59 0.00	33.47 0.33 0.00	32.47 0.42 0.00	30.54 0.27 0.00	30.45 0.21 0.00	30.01 0.18 0.00	32.23 0.22 0.00	38.68 0.38 0.00	52.69 0.68 0.00	61.07 0.84 0.00	59.65 1.00 0.00	47.43 0.70 0.00	43.32 0.68 0.00	40.07 0.55 0.00	36.79 0.51 0.00
ALCOA___DSASP 323711	39.14 0.47 0.00	36.76 0.54 0.00	35.51 0.53 0.00	34.86 0.52 0.00	35.34 0.52 0.00	38.83 0.76 0.00	53.19 1.14 0.00	69.27 1.09 0.00	51.52 0.86 0.00	37.41 0.59 0.00	33.47 0.33 0.00	32.47 0.42 0.00	30.54 0.27 0.00	30.45 0.21 0.00	30.01 0.18 0.00	32.23 0.23 0.00	38.68 0.38 0.00	52.69 0.67 0.00	61.07 0.84 0.00	59.65 1.00 0.00	47.43 0.70 0.00	43.32 0.68 0.00	40.07 0.55 0.00	36.79 0.51 0.00
ALLEGHENY___COGEN 23514	40.34 1.66 0.00	37.70 1.49 0.00	36.52 1.54 0.00	36.03 1.68 0.00	36.62 1.81 0.00	40.01 1.94 0.00	55.22 3.18 0.00	72.07 3.88 0.00	53.09 2.43 0.00	37.85 1.03 0.00	33.97 0.83 0.00	32.44 0.39 0.00	30.66 0.39 0.00	30.63 0.39 0.00	30.13 0.30 0.00	32.26 0.25 0.00	38.53 0.23 0.00	53.37 1.35 0.00	62.58 2.35 0.00	60.58 1.93 0.00	48.46 1.73 0.00	44.26 1.62 0.00	41.02 1.50 0.00	37.48 1.20 0.00
ALTAMONT_115KV_TB 2 55880	39.10 0.43 0.00	36.58 0.36 0.00	35.33 0.35 0.00	34.66 0.31 0.00	35.09 0.28 0.00	38.19 0.27 0.14	52.15 0.10 0.00	67.98 0.34 0.55	50.86 0.20 0.00	36.69 0.22 0.36	33.06 0.30 0.38	31.97 0.32 0.41	30.28 0.36 0.36	30.37 0.42 0.29	29.99 0.45 0.29	32.27 0.51 0.25	38.78 0.57 0.10	52.59 0.57 0.00	60.83 0.60 0.00	59.24 0.59 0.00	47.19 0.47 0.00	43.02 0.38 0.00	39.95 0.43 0.00	36.64 0.44 0.08
ALTONA_WT_PWR 323606	39.33 0.66 0.00	36.98 0.76 0.00	35.68 0.70 0.00	35.07 0.72 0.00	35.55 0.73 0.00	39.10 1.03 0.00	53.19 1.14 0.00	69.27 1.09 0.00	51.57 0.91 0.00	37.82 0.99 0.00	33.80 0.66 0.00	32.80 0.74 0.00	30.82 0.55 0.00	30.63 0.39 0.00	30.16 0.33 0.00	32.42 0.41 0.00	38.95 0.65 0.00	52.80 0.78 0.00	61.25 1.02 0.00	59.76 1.11 0.00	47.47 0.75 0.00	43.41 0.77 0.00	40.35 0.83 0.00	37.05 0.76 0.00
AMERICAN_REF_FUEL 24010	38.45 -0.23 0.00	35.86 -0.36 0.00	34.70 -0.28 0.00	34.42 0.07 0.00	34.85 0.03 0.00	37.50 -0.57 0.00	51.43 -0.62 0.00	66.28 -1.91 0.00	49.95 -0.71 0.00	36.31 -0.52 0.00	33.11 -0.03 0.00	31.58 -0.48 0.00	29.79 -0.49 0.00	29.81 -0.42 0.00	29.32 -0.51 0.00	31.08 -0.93 0.00	36.50 -1.80 0.00	49.16 -2.86 0.00	56.86 -3.37 0.00	54.66 -3.99 0.00	44.11 -2.62 0.00	40.59 -2.05 0.00	38.18 -1.34 0.00	35.20 -1.09 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.57 0.89 0.00	36.98 0.76 0.00	35.85 0.87 0.00	35.58 1.23 0.00	36.00 1.18 0.00	38.94 0.88 0.00	53.98 1.93 0.00	69.89 1.71 0.00	52.18 1.52 0.00	37.75 0.92 0.00	34.43 1.29 0.00	32.86 0.80 0.00	31.03 0.76 0.00	30.99 0.76 0.00	30.49 0.66 0.00	32.29 0.29 0.00	38.07 -0.23 0.00	51.60 -0.42 0.00	60.05 -0.18 0.00	57.60 -1.05 0.00	46.17 -0.56 0.00	42.43 -0.21 0.00	39.64 0.12 0.00	36.36 0.07 0.00
ARTHUR KILL_GT_1 23520	41.35 2.67 -0.01	38.54 2.32 -0.01	37.09 2.10 -0.01	36.35 1.99 -0.01	36.77 1.95 -0.01	40.60 2.02 -0.51	53.09 1.04 0.00	71.93 1.77 -1.97	51.77 1.11 0.00	40.58 1.99 -1.76	37.13 2.12 -1.87	36.14 2.05 -2.03	34.09 2.06 -1.76	33.90 2.24 -1.42	33.66 2.39 -1.44	35.79 2.56 -1.22	41.74 2.95 -0.49	54.04 2.03 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.46 1.73 0.00	44.52 1.88 0.00	41.97 2.45 0.00	39.22 2.54 -0.39
ARTHUR_KILL_2 23512	41.16 2.48 -0.01	38.43 2.21 -0.01	36.98 1.99 -0.01	36.28 1.92 -0.01	36.67 1.84 -0.01	40.48 1.90 -0.51	52.93 0.88 0.00	71.73 1.57 -1.97	51.52 0.86 0.00	40.47 1.88 -1.76	37.06 2.06 -1.87	36.07 1.99 -2.03	34.02 2.00 -1.76	33.81 2.15 -1.42	33.60 2.33 -1.44	35.70 2.46 -1.22	41.66 2.87 -0.49	53.88 1.87 0.01	62.39 2.17 0.01	60.81 2.17 0.01	48.27 1.54 0.00	44.56 1.92 0.00	41.89 2.37 0.00	39.11 2.43 -0.39
ARTHUR_KILL_3 23513	40.46 1.78 0.00	37.77 1.56 0.00	36.28 1.30 0.00	35.58 1.23 0.00	35.96 1.15 0.00	39.76 1.18 -0.51	53.25 1.20 0.00	72.41 2.25 -1.98	52.18 1.52 0.00	40.20 1.62 -1.76	36.82 1.82 -1.86	35.81 1.73 -2.02	33.78 1.76 -1.75	33.53 1.88 -1.42	33.32 2.06 -1.44	35.37 2.14 -1.22	41.20 2.41 -0.49	54.30 2.29 0.00	62.58 2.35 0.00	60.94 2.29 0.00	48.60 1.87 0.00	44.39 1.75 0.00	41.26 1.74 0.00	38.34 1.67 -0.38

ARTHUR_KILL_COGEN 323718	41.24 2.55 -0.01	38.55 2.32 -0.01	37.09 2.10 -0.01	36.35 1.99 -0.01	36.74 1.91 -0.01	40.60 2.02 -0.51	53.09 1.04 0.00	71.93 1.77 -1.97	51.62 0.96 0.00	40.58 1.99 -1.76	37.13 2.12 -1.87	36.17 2.08 -2.03	34.09 2.06 -1.76	33.86 2.21 -1.42	33.66 2.39 -1.44	35.79 2.56 -1.22	41.78 2.99 -0.49	54.04 2.03 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.46 1.73 0.00	44.64 2.00 0.00	42.01 2.49 0.00	39.22 2.54 -0.39
ASHOKAN____ 23654	40.03 1.35 0.00	37.45 1.23 0.00	36.07 1.09 0.00	35.38 1.03 0.00	35.79 0.97 0.00	40.35 2.28 0.00	53.82 1.77 0.00	73.10 4.91 0.00	51.62 0.96 0.00	38.88 1.69 -0.36	34.92 1.39 -0.39	33.76 1.28 -0.42	31.94 1.30 -0.36	31.95 1.42 -0.29	31.74 1.61 -0.30	34.08 1.82 -0.25	40.68 2.30 -0.08	53.63 1.61 0.00	62.04 1.81 0.00	60.70 2.05 0.00	48.03 1.31 0.00	43.75 1.11 0.00	40.59 1.07 0.00	38.41 2.07 -0.06
ASTORIA_EAST_ENERGY_CC1 323581	40.89 2.20 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.19 1.14 0.00	72.13 1.98 -1.97	51.82 1.17 0.00	40.20 1.62 -1.75	36.85 1.85 -1.86	35.90 1.83 -2.02	33.84 1.82 -1.75	33.61 1.96 -1.41	33.41 2.15 -1.43	35.46 2.24 -1.22	41.35 2.57 -0.48	53.98 1.98 0.01	62.27 2.05 0.01	60.69 2.05 0.01	48.45 1.73 0.01	44.39 1.75 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
ASTORIA_EAST_ENERGY_CC2 323582	40.89 2.20 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.00 1.65 -0.01	36.39 1.57 -0.01	40.18 1.60 -0.51	53.14 1.09 0.00	72.06 1.91 -1.97	51.82 1.17 0.00	40.16 1.58 -1.75	36.85 1.85 -1.86	35.87 1.79 -2.02	33.84 1.82 -1.75	33.61 1.96 -1.41	33.38 2.12 -1.43	35.43 2.21 -1.22	41.35 2.57 -0.48	53.98 1.98 0.01	62.21 1.98 0.01	60.64 2.00 0.01	48.40 1.68 0.01	44.35 1.71 0.00	41.57 2.05 0.00	38.82 2.14 -0.39
ASTORIA_GT2_1 24094	40.97 2.28 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.19 1.15 0.00	72.13 1.98 -1.97	51.97 1.32 0.00	40.21 1.62 -1.76	36.86 1.86 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	53.99 1.98 0.01	62.27 2.05 0.01	60.64 1.99 0.01	48.46 1.73 0.00	44.30 1.66 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
ASTORIA_GT2_2 24095	40.97 2.28 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.19 1.15 0.00	72.13 1.98 -1.97	51.97 1.32 0.00	40.21 1.62 -1.76	36.86 1.86 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	53.99 1.98 0.01	62.27 2.05 0.01	60.64 1.99 0.01	48.46 1.73 0.00	44.30 1.66 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
ASTORIA_GT2_3 24096	40.97 2.28 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.19 1.15 0.00	72.13 1.98 -1.97	51.97 1.32 0.00	40.21 1.62 -1.76	36.86 1.86 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	53.99 1.98 0.01	62.27 2.05 0.01	60.64 1.99 0.01	48.46 1.73 0.00	44.30 1.66 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
ASTORIA_GT2_4 24097	40.97 2.28 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.19 1.15 0.00	72.13 1.98 -1.97	51.97 1.32 0.00	40.21 1.62 -1.76	36.86 1.86 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	53.99 1.98 0.01	62.27 2.05 0.01	60.64 1.99 0.01	48.46 1.73 0.00	44.30 1.66 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
ASTORIA_GT3_1 24098	40.97 2.28 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.19 1.15 0.00	72.13 1.98 -1.97	51.97 1.32 0.00	40.21 1.62 -1.76	36.86 1.86 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	53.99 1.98 0.01	62.27 2.05 0.01	60.64 1.99 0.01	48.46 1.73 0.00	44.30 1.66 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
ASTORIA_GT3_2 24099	40.97 2.28 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.19 1.15 0.00	72.13 1.98 -1.97	51.97 1.32 0.00	40.21 1.62 -1.76	36.86 1.86 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	53.99 1.98 0.01	62.27 2.05 0.01	60.64 1.99 0.01	48.46 1.73 0.00	44.30 1.66 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
ASTORIA_GT3_3 24100	40.97 2.28 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.19 1.15 0.00	72.13 1.98 -1.97	51.97 1.32 0.00	40.21 1.62 -1.76	36.86 1.86 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	53.99 1.98 0.01	62.27 2.05 0.01	60.64 1.99 0.01	48.46 1.73 0.00	44.30 1.66 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
ASTORIA_GT3_4 24101	40.97 2.28 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.19 1.15 0.00	72.13 1.98 -1.97	51.97 1.32 0.00	40.21 1.62 -1.76	36.86 1.86 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	53.99 1.98 0.01	62.27 2.05 0.01	60.64 1.99 0.01	48.46 1.73 0.00	44.30 1.66 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
ASTORIA_GT4_1 24102	40.97 2.28 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.19 1.15 0.00	72.13 1.98 -1.97	51.97 1.32 0.00	40.21 1.62 -1.76	36.86 1.86 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	53.99 1.98 0.01	62.27 2.05 0.01	60.64 1.99 0.01	48.46 1.73 0.00	44.30 1.66 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
ASTORIA_GT4_2 24103	40.97 2.28 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.19 1.15 0.00	72.13 1.98 -1.97	51.97 1.32 0.00	40.21 1.62 -1.76	36.86 1.86 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	53.99 1.98 0.01	62.27 2.05 0.01	60.64 1.99 0.01	48.46 1.73 0.00	44.30 1.66 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
ASTORIA_GT4_3 24104	40.97 2.28 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.19 1.15 0.00	72.13 1.98 -1.97	51.97 1.32 0.00	40.21 1.62 -1.76	36.86 1.86 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	53.99 1.98 0.01	62.27 2.05 0.01	60.64 1.99 0.01	48.46 1.73 0.00	44.30 1.66 0.00	41.61 2.09 0.00	38.85 2.18 -0.39

ASTORIA_GT4_4 24105	40.97 2.28 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.19 1.15 0.00	72.13 1.98 -1.97	51.97 1.32 0.00	40.21 1.62 -1.76	36.86 1.86 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	53.99 1.98 0.01	62.27 2.05 0.01	60.64 1.99 0.01	48.46 1.73 0.00	44.30 1.66 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
ASTORIA_GT_1 23523	41.05 2.36 -0.01	38.29 2.06 -0.01	36.81 1.82 -0.01	36.07 1.72 -0.01	36.49 1.67 -0.01	40.29 1.71 -0.51	53.30 1.25 0.00	72.27 2.11 -1.97	52.08 1.42 0.00	40.28 1.69 -1.76	36.93 1.92 -1.87	35.94 1.86 -2.03	33.93 1.91 -1.76	33.68 2.03 -1.42	33.45 2.18 -1.44	35.54 2.30 -1.22	41.43 2.64 -0.49	54.09 2.08 0.01	62.39 2.17 0.01	60.75 2.11 0.01	48.50 1.78 0.00	44.39 1.75 0.00	41.69 2.17 0.00	38.93 2.25 -0.39
ASTORIA_GT_10 24110	40.93 2.24 -0.01	38.14 1.92 -0.01	36.67 1.68 -0.01	35.97 1.61 -0.01	36.36 1.53 -0.01	40.18 1.60 -0.51	53.14 1.09 0.00	72.13 1.98 -1.97	52.13 1.47 0.00	40.36 1.77 -1.76	36.96 1.96 -1.87	35.97 1.89 -2.03	33.93 1.91 -1.76	33.71 2.06 -1.42	33.48 2.21 -1.44	35.54 2.30 -1.22	41.43 2.64 -0.49	54.09 2.08 0.01	62.39 2.17 0.01	60.75 2.11 0.01	48.55 1.82 0.00	44.39 1.75 0.00	41.61 2.09 0.00	38.71 2.03 -0.39
ASTORIA_GT_11 24225	40.93 2.24 -0.01	38.14 1.92 -0.01	36.67 1.68 -0.01	35.97 1.61 -0.01	36.36 1.53 -0.01	40.18 1.60 -0.51	53.14 1.09 0.00	72.13 1.98 -1.97	52.13 1.47 0.00	40.36 1.77 -1.76	36.96 1.96 -1.87	35.97 1.89 -2.03	33.93 1.91 -1.76	33.71 2.06 -1.42	33.48 2.21 -1.44	35.54 2.30 -1.22	41.43 2.64 -0.49	54.09 2.08 0.01	62.39 2.17 0.01	60.75 2.11 0.01	48.55 1.82 0.00	44.39 1.75 0.00	41.61 2.09 0.00	38.71 2.03 -0.39
ASTORIA_GT_12 24226	40.93 2.24 -0.01	38.14 1.92 -0.01	36.67 1.68 -0.01	35.97 1.61 -0.01	36.36 1.53 -0.01	40.18 1.60 -0.51	53.14 1.09 0.00	72.13 1.98 -1.97	52.13 1.47 0.00	40.36 1.77 -1.76	36.96 1.96 -1.87	35.97 1.89 -2.03	33.93 1.91 -1.76	33.71 2.06 -1.42	33.48 2.21 -1.44	35.54 2.30 -1.22	41.43 2.64 -0.49	54.09 2.08 0.01	62.39 2.17 0.01	60.75 2.11 0.01	48.55 1.82 0.00	44.39 1.75 0.00	41.61 2.09 0.00	38.71 2.03 -0.39
ASTORIA_GT_13 24227	40.93 2.24 -0.01	38.14 1.92 -0.01	36.67 1.68 -0.01	35.97 1.61 -0.01	36.36 1.53 -0.01	40.18 1.60 -0.51	53.14 1.09 0.00	72.13 1.98 -1.97	52.13 1.47 0.00	40.36 1.77 -1.76	36.96 1.96 -1.87	35.97 1.89 -2.03	33.93 1.91 -1.76	33.71 2.06 -1.42	33.48 2.21 -1.44	35.54 2.30 -1.22	41.43 2.64 -0.49	54.09 2.08 0.01	62.39 2.17 0.01	60.75 2.11 0.01	48.55 1.82 0.00	44.39 1.75 0.00	41.61 2.09 0.00	38.71 2.03 -0.39
ASTORIA_GT_5 24106	41.05 2.36 -0.01	38.29 2.06 -0.01	36.81 1.82 -0.01	36.07 1.72 -0.01	36.49 1.67 -0.01	40.29 1.71 -0.51	53.30 1.25 0.00	72.27 2.11 -1.97	52.08 1.42 0.00	40.28 1.69 -1.76	36.93 1.92 -1.87	35.94 1.86 -2.03	33.93 1.91 -1.76	33.68 2.03 -1.42	33.45 2.18 -1.44	35.54 2.30 -1.22	41.43 2.64 -0.49	54.09 2.08 0.01	62.39 2.17 0.01	60.75 2.11 0.01	48.50 1.78 0.00	44.39 1.75 0.00	41.69 2.17 0.00	38.93 2.25 -0.39
ASTORIA_GT_7 24107	41.05 2.36 -0.01	38.29 2.06 -0.01	36.81 1.82 -0.01	36.07 1.72 -0.01	36.49 1.67 -0.01	40.29 1.71 -0.51	53.30 1.25 0.00	72.27 2.11 -1.97	52.08 1.42 0.00	40.28 1.69 -1.76	36.93 1.92 -1.87	35.94 1.86 -2.03	33.93 1.91 -1.76	33.68 2.03 -1.42	33.45 2.18 -1.44	35.54 2.30 -1.22	41.43 2.64 -0.49	54.09 2.08 0.01	62.39 2.17 0.01	60.75 2.11 0.01	48.50 1.78 0.00	44.39 1.75 0.00	41.69 2.17 0.00	38.93 2.25 -0.39
ASTORIA_GT_8 24108	41.05 2.36 -0.01	38.29 2.06 -0.01	36.81 1.82 -0.01	36.07 1.72 -0.01	36.49 1.67 -0.01	40.29 1.71 -0.51	53.30 1.25 0.00	72.27 2.11 -1.97	52.08 1.42 0.00	40.28 1.69 -1.76	36.93 1.92 -1.87	35.94 1.86 -2.03	33.93 1.91 -1.76	33.68 2.03 -1.42	33.45 2.18 -1.44	35.54 2.30 -1.22	41.43 2.64 -0.49	54.09 2.08 0.01	62.39 2.17 0.01	60.75 2.11 0.01	48.50 1.78 0.00	44.39 1.75 0.00	41.69 2.17 0.00	38.93 2.25 -0.39
ASTORIA___2 24149	40.89 2.20 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.19 1.14 0.00	72.13 1.98 -1.97	51.82 1.17 0.00	40.20 1.62 -1.75	36.85 1.85 -1.86	35.90 1.83 -2.02	33.84 1.82 -1.75	33.61 1.96 -1.41	33.41 2.15 -1.43	35.46 2.24 -1.22	41.35 2.57 -0.48	53.98 1.98 0.01	62.27 2.05 0.01	60.69 2.05 0.01	48.45 1.73 0.01	44.39 1.75 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
ASTORIA___3 23516	40.85 2.16 -0.01	38.14 1.92 -0.01	36.67 1.68 -0.01	35.97 1.61 -0.01	36.35 1.53 -0.01	40.14 1.56 -0.51	53.14 1.09 0.00	72.13 1.98 -1.97	51.97 1.31 0.00	40.36 1.77 -1.76	36.96 1.95 -1.87	35.97 1.89 -2.03	33.94 1.91 -1.76	33.68 2.03 -1.42	33.48 2.21 -1.44	35.54 2.31 -1.22	41.43 2.64 -0.49	54.14 2.13 0.01	62.39 2.17 0.01	60.75 2.11 0.01	48.55 1.82 0.00	44.47 1.83 0.00	41.57 2.05 0.00	38.71 2.03 -0.39
ASTORIA___4 23517	40.93 2.24 -0.01	38.14 1.92 -0.01	36.67 1.68 -0.01	35.97 1.61 -0.01	36.36 1.53 -0.01	40.14 1.56 -0.51	53.14 1.09 0.00	72.13 1.98 -1.97	52.13 1.47 0.00	40.36 1.77 -1.76	36.96 1.96 -1.87	35.97 1.89 -2.03	33.93 1.91 -1.76	33.71 2.06 -1.42	33.48 2.21 -1.44	35.54 2.30 -1.22	41.43 2.64 -0.49	54.09 2.08 0.01	62.39 2.17 0.01	60.75 2.11 0.01	48.55 1.82 0.00	44.39 1.75 0.00	41.61 2.09 0.00	38.71 2.03 -0.39
ASTORIA___5 23518	40.85 2.16 -0.01	38.14 1.92 -0.01	36.67 1.68 -0.01	35.97 1.61 -0.01	36.35 1.53 -0.01	40.14 1.56 -0.51	53.14 1.09 0.00	72.13 1.98 -1.97	51.97 1.31 0.00	40.36 1.77 -1.76	36.96 1.95 -1.87	35.97 1.89 -2.03	33.94 1.91 -1.76	33.68 2.03 -1.42	33.48 2.21 -1.44	35.54 2.31 -1.22	41.43 2.64 -0.49	54.14 2.13 0.01	62.39 2.17 0.01	60.75 2.11 0.01	48.55 1.82 0.00	44.47 1.83 0.00	41.57 2.05 0.00	38.71 2.03 -0.39
AST_ENERGY_2_CC3 323677	30.27 1.82 10.23	29.61 1.63 8.24	28.13 1.40 8.25	28.13 1.30 7.52	28.13 1.22 7.90	29.61 1.22 9.67	35.30 0.57 17.32	47.49 1.29 21.98	30.82 0.66 20.49	28.62 1.21 9.42	29.48 1.53 5.18	29.48 1.48 4.05	29.48 1.51 2.30	29.48 1.66 2.42	29.48 1.82 2.17	29.48 1.89 4.41	29.48 2.18 11.00	36.06 1.45 17.41	45.99 1.44 15.68	44.34 1.47 15.78	31.91 1.21 16.03	30.48 1.28 13.44	29.48 1.70 11.74	29.48 1.81 8.62
AST_ENERGY_2_CC4 323678	30.27 1.82 10.23	29.61 1.63 8.24	28.13 1.40 8.25	28.13 1.30 7.52	28.13 1.22 7.90	29.61 1.22 9.67	35.30 0.57 17.32	47.49 1.29 21.98	30.82 0.66 20.49	28.62 1.21 9.42	29.48 1.53 5.18	29.48 1.48 4.05	29.48 1.51 2.30	29.48 1.66 2.42	29.48 1.82 2.17	29.48 1.89 4.41	29.48 2.18 11.00	36.06 1.45 17.41	45.99 1.44 15.68	44.34 1.47 15.78	31.91 1.21 16.03	30.48 1.28 13.44	29.48 1.70 11.74	29.48 1.81 8.62

ATHENS_STG_1 23668	39.45 0.77 0.00	36.90 0.69 0.00	35.61 0.63 0.00	34.93 0.58 0.00	35.34 0.52 0.00	38.74 0.49 -0.18	52.46 0.41 0.00	69.71 0.82 -0.70	51.11 0.45 0.00	37.87 0.55 -0.49	34.36 0.70 -0.52	33.33 0.70 -0.57	31.49 0.73 -0.49	31.42 0.78 -0.40	31.10 0.87 -0.40	33.24 0.89 -0.34	39.47 1.03 -0.14	53.06 1.04 0.00	61.25 1.02 0.00	59.71 1.06 0.00	47.57 0.84 0.00	43.41 0.77 0.00	40.27 0.75 0.00	37.16 0.76 -0.11
ATHENS_STG_2 23670	39.45 0.77 0.00	36.90 0.69 0.00	35.61 0.63 0.00	34.93 0.58 0.00	35.34 0.52 0.00	38.74 0.49 -0.18	52.46 0.41 0.00	69.71 0.82 -0.70	51.11 0.45 0.00	37.87 0.55 -0.49	34.36 0.70 -0.52	33.33 0.70 -0.57	31.49 0.73 -0.49	31.42 0.78 -0.40	31.10 0.87 -0.40	33.24 0.89 -0.34	39.47 1.03 -0.14	53.06 1.04 0.00	61.25 1.02 0.00	59.71 1.06 0.00	47.57 0.84 0.00	43.41 0.77 0.00	40.27 0.75 0.00	37.16 0.76 -0.11
ATHENS_STG_3 23677	39.45 0.77 0.00	36.90 0.69 0.00	35.61 0.63 0.00	34.93 0.58 0.00	35.34 0.52 0.00	38.74 0.49 -0.18	52.46 0.41 0.00	69.71 0.82 -0.70	51.11 0.45 0.00	37.87 0.55 -0.49	34.36 0.70 -0.52	33.33 0.70 -0.57	31.49 0.73 -0.49	31.42 0.78 -0.40	31.10 0.87 -0.40	33.24 0.89 -0.34	39.47 1.03 -0.14	53.06 1.04 0.00	61.25 1.02 0.00	59.71 1.06 0.00	47.57 0.84 0.00	43.41 0.77 0.00	40.27 0.75 0.00	37.16 0.76 -0.11
AUBURN___LFGE 323710	38.64 -0.04 0.00	36.18 -0.04 0.00	34.95 -0.03 0.00	34.38 0.03 0.00	34.82 0.00 0.00	38.14 0.08 0.00	52.46 0.42 0.00	68.73 0.55 0.00	50.86 0.20 0.00	36.83 0.00 0.00	33.14 0.00 0.00	31.96 -0.10 0.00	30.21 -0.06 0.00	30.09 -0.15 0.00	29.65 -0.18 0.00	31.81 -0.19 0.00	38.11 -0.19 0.00	52.02 0.00 0.00	60.47 0.24 0.00	58.71 0.06 0.00	46.82 0.09 0.00	42.68 0.04 0.00	39.52 0.00 0.00	36.25 -0.04 0.00
BABYLON_RES_REC 323704	40.92 2.24 0.00	38.35 2.14 0.00	36.76 1.78 0.00	35.96 1.61 0.00	36.31 1.50 0.00	40.10 1.52 -0.51	50.25 -0.10 1.69	54.62 0.41 13.97	48.21 0.05 2.50	40.11 1.51 -1.77	37.17 2.15 -1.88	36.16 2.05 -2.05	34.07 2.03 -1.77	33.78 2.12 -1.43	33.62 2.33 -1.46	35.85 2.46 -1.38	40.86 2.07 -0.49	53.16 1.14 0.00	60.66 0.42 0.00	59.06 0.41 0.00	47.29 0.56 0.00	43.41 0.77 0.00	40.90 1.38 0.00	38.92 2.25 -0.38
BALL_HILL_WT_PWR 323825	39.14 0.47 0.00	36.58 0.36 0.00	35.43 0.45 0.00	35.14 0.79 0.00	35.51 0.70 0.00	38.37 0.30 0.00	52.99 0.94 0.00	68.60 0.41 0.00	51.27 0.61 0.00	37.16 0.33 0.00	33.90 0.76 0.00	32.35 0.29 0.00	30.54 0.27 0.00	30.54 0.30 0.00	30.04 0.21 0.00	31.82 -0.19 0.00	37.49 -0.81 0.00	50.77 -1.25 0.00	59.03 -1.20 0.00	56.66 -1.99 0.00	45.47 -1.26 0.00	41.79 -0.85 0.00	39.16 -0.36 0.00	36.03 -0.25 0.00
BARON_WINDS___WT_PWR 323822	38.95 0.27 0.00	36.36 0.15 0.00	35.26 0.28 0.00	34.90 0.55 0.00	35.34 0.52 0.00	38.41 0.34 0.00	52.99 0.94 0.00	68.94 0.75 0.00	51.11 0.45 0.00	36.83 0.00 0.00	33.44 0.30 0.00	31.99 -0.06 0.00	30.27 0.00 0.00	30.21 -0.03 0.00	29.71 -0.12 0.00	31.66 -0.35 0.00	37.61 -0.69 0.00	51.34 -0.68 0.00	59.93 -0.30 0.00	57.83 -0.82 0.00	46.26 -0.47 0.00	42.30 -0.34 0.00	39.48 -0.04 0.00	36.36 0.07 0.00
BARRETT_IC_1 23704	40.92 2.24 0.00	38.39 2.17 0.00	36.83 1.85 0.00	36.03 1.68 0.00	36.42 1.60 0.00	40.18 1.60 -0.51	51.90 -0.05 0.10	69.71 0.54 -0.98	50.65 0.15 0.16	40.22 1.62 -1.77	37.20 2.19 -1.88	36.28 2.18 -2.05	34.20 2.15 -1.77	33.90 2.24 -1.43	33.60 2.27 -1.51	36.73 2.34 -2.39	40.97 2.18 -0.49	53.84 1.82 0.00	61.92 1.68 0.00	60.30 1.64 -0.01	48.03 1.31 0.00	43.96 1.32 0.00	41.02 1.50 0.00	38.85 2.18 -0.38
BARRETT_IC_10 23701	40.92 2.24 0.00	38.39 2.17 0.00	36.83 1.85 0.00	36.03 1.68 0.00	36.42 1.60 0.00	40.18 1.60 -0.51	51.90 -0.05 0.10	69.71 0.54 -0.98	50.65 0.15 0.16	40.22 1.62 -1.77	37.20 2.19 -1.88	36.28 2.18 -2.05	34.20 2.15 -1.77	33.90 2.24 -1.43	33.60 2.27 -1.51	36.73 2.34 -2.39	40.97 2.18 -0.49	53.84 1.82 0.00	61.92 1.68 0.00	60.30 1.64 -0.01	48.03 1.31 0.00	43.96 1.32 0.00	41.02 1.50 0.00	38.85 2.18 -0.38
BARRETT_IC_11 23702	40.92 2.24 0.00	38.39 2.17 0.00	36.83 1.85 0.00	36.03 1.68 0.00	36.42 1.60 0.00	40.18 1.60 -0.51	51.90 -0.05 0.10	69.71 0.54 -0.98	50.65 0.15 0.16	40.22 1.62 -1.77	37.20 2.19 -1.88	36.28 2.18 -2.05	34.20 2.15 -1.77	33.90 2.24 -1.43	33.60 2.27 -1.51	36.73 2.34 -2.39	40.97 2.18 -0.49	53.84 1.82 0.00	61.92 1.68 0.00	60.30 1.64 -0.01	48.03 1.31 0.00	43.96 1.32 0.00	41.02 1.50 0.00	38.85 2.18 -0.38
BARRETT_IC_12 23703	40.92 2.24 0.00	38.39 2.17 0.00	36.83 1.85 0.00	36.03 1.68 0.00	36.42 1.60 0.00	40.18 1.60 -0.51	51.90 -0.05 0.10	69.71 0.54 -0.98	50.65 0.15 0.16	40.22 1.62 -1.77	37.20 2.19 -1.88	36.28 2.18 -2.05	34.20 2.15 -1.77	33.90 2.24 -1.43	33.60 2.27 -1.51	36.73 2.34 -2.39	40.97 2.18 -0.49	53.84 1.82 0.00	61.92 1.68 0.00	60.30 1.64 -0.01	48.03 1.31 0.00	43.96 1.32 0.00	41.02 1.50 0.00	38.85 2.18 -0.38
BARRETT_IC_2 23705	40.92 2.24 0.00	38.39 2.17 0.00	36.83 1.85 0.00	36.03 1.68 0.00	36.42 1.60 0.00	40.18 1.60 -0.51	51.90 -0.05 0.10	69.71 0.54 -0.98	50.65 0.15 0.16	40.22 1.62 -1.77	37.20 2.19 -1.88	36.28 2.18 -2.05	34.20 2.15 -1.77	33.90 2.24 -1.43	33.60 2.27 -1.51	36.73 2.34 -2.39	40.97 2.18 -0.49	53.84 1.82 0.00	61.92 1.68 0.00	60.30 1.64 -0.01	48.03 1.31 0.00	43.96 1.32 0.00	41.02 1.50 0.00	38.85 2.18 -0.38
BARRETT_IC_3 23706	40.92 2.24 0.00	38.39 2.17 0.00	36.83 1.85 0.00	36.03 1.68 0.00	36.42 1.60 0.00	40.18 1.60 -0.51	51.90 -0.05 0.10	69.71 0.54 -0.98	50.65 0.15 0.16	40.22 1.62 -1.77	37.20 2.19 -1.88	36.28 2.18 -2.05	34.20 2.15 -1.77	33.90 2.24 -1.43	33.60 2.27 -1.51	36.73 2.34 -2.39	40.97 2.18 -0.49	53.84 1.82 0.00	61.92 1.68 0.00	60.30 1.64 -0.01	48.03 1.31 0.00	43.96 1.32 0.00	41.02 1.50 0.00	38.85 2.18 -0.38
BARRETT_IC_4 23707	40.92 2.24 0.00	38.39 2.17 0.00	36.83 1.85 0.00	36.03 1.68 0.00	36.42 1.60 0.00	40.18 1.60 -0.51	51.90 -0.05 0.10	69.71 0.54 -0.98	50.65 0.15 0.16	40.22 1.62 -1.77	37.20 2.19 -1.88	36.28 2.18 -2.05	34.20 2.15 -1.77	33.90 2.24 -1.43	33.60 2.27 -1.51	36.73 2.34 -2.39	40.97 2.18 -0.49	53.84 1.82 0.00	61.92 1.68 0.00	60.30 1.64 -0.01	48.03 1.31 0.00	43.96 1.32 0.00	41.02 1.50 0.00	38.85 2.18 -0.38
BARRETT_IC_5 23708	40.92 2.24 0.00	38.39 2.17 0.00	36.83 1.85 0.00	36.03 1.68 0.00	36.42 1.60 0.00	40.18 1.60 -0.51	51.90 -0.05 0.10	69.71 0.54 -0.98	50.65 0.15 0.16	40.22 1.62 -1.77	37.20 2.19 -1.88	36.28 2.18 -2.05	34.20 2.15 -1.77	33.90 2.24 -1.43	33.60 2.27 -1.51	36.73 2.34 -2.39	40.97 2.18 -0.49	53.84 1.82 0.00	61.92 1.68 0.00	60.30 1.64 -0.01	48.03 1.31 0.00	43.96 1.32 0.00	41.02 1.50 0.00	38.85 2.18 -0.38

BARRETT_IC_6 23709	40.92 2.24 0.00	38.39 2.17 0.00	36.83 1.85 0.00	36.03 1.68 0.00	36.42 1.60 0.00	40.18 1.60 -0.51	51.90 -0.05 0.10	69.71 0.54 -0.98	50.65 0.15 0.16	40.22 1.62 -1.77	37.20 2.19 -1.88	36.28 2.18 -2.05	34.20 2.15 -1.77	33.90 2.24 -1.43	33.60 2.27 -1.51	36.73 2.34 -2.39	40.97 2.18 -0.49	53.84 1.82 0.00	61.92 1.68 0.00	60.30 1.64 -0.01	48.03 1.31 0.00	43.96 1.32 0.00	41.02 1.50 0.00	38.85 2.18 -0.38
BARRETT_IC_7 23710	41.19 2.51 0.00	38.39 2.17 0.00	36.83 1.85 0.00	36.03 1.68 0.00	36.42 1.60 0.00	40.22 1.64 -0.51	51.90 -0.05 0.10	69.71 0.55 -0.98	50.76 0.25 0.16	40.22 1.62 -1.77	37.20 2.19 -1.88	36.28 2.18 -2.05	34.19 2.15 -1.77	33.90 2.24 -1.43	33.60 2.27 -1.51	36.76 2.37 -2.39	40.90 2.11 -0.49	53.73 1.72 0.00	61.92 1.69 0.00	60.29 1.64 0.00	48.04 1.31 0.00	43.96 1.32 0.00	41.30 1.78 0.00	38.88 2.21 -0.38
BARRETT_IC_8 23711	40.92 2.24 0.00	38.39 2.17 0.00	36.83 1.85 0.00	36.03 1.68 0.00	36.42 1.60 0.00	40.18 1.60 -0.51	51.90 -0.05 0.10	69.71 0.54 -0.98	50.65 0.15 0.16	40.22 1.62 -1.77	37.20 2.19 -1.88	36.28 2.18 -2.05	34.20 2.15 -1.77	33.90 2.24 -1.43	33.60 2.27 -1.51	36.73 2.34 -2.39	40.97 2.18 -0.49	53.84 1.82 0.00	61.92 1.68 0.00	60.30 1.64 -0.01	48.03 1.31 0.00	43.96 1.32 0.00	41.02 1.50 0.00	38.85 2.18 -0.38
BARRETT_IC_9 23700	40.92 2.24 0.00	38.39 2.17 0.00	36.83 1.85 0.00	36.03 1.68 0.00	36.42 1.60 0.00	40.18 1.60 -0.51	51.90 -0.05 0.10	69.71 0.54 -0.98	50.65 0.15 0.16	40.22 1.62 -1.77	37.20 2.19 -1.88	36.28 2.18 -2.05	34.20 2.15 -1.77	33.90 2.24 -1.43	33.60 2.27 -1.51	36.73 2.34 -2.39	40.97 2.18 -0.49	53.84 1.82 0.00	61.92 1.68 0.00	60.30 1.64 -0.01	48.03 1.31 0.00	43.96 1.32 0.00	41.02 1.50 0.00	38.85 2.18 -0.38
BARRETT___1 23545	40.92 2.24 0.00	38.39 2.17 0.00	36.83 1.85 0.00	36.03 1.68 0.00	36.42 1.60 0.00	40.18 1.60 -0.51	51.90 -0.05 0.10	69.71 0.54 -0.98	50.65 0.15 0.16	40.22 1.62 -1.77	37.20 2.19 -1.88	36.28 2.18 -2.05	34.20 2.15 -1.77	33.90 2.24 -1.43	33.60 2.27 -1.51	36.73 2.34 -2.39	40.97 2.18 -0.49	53.84 1.82 0.00	61.92 1.68 0.00	60.30 1.64 -0.01	48.03 1.31 0.00	43.96 1.32 0.00	41.02 1.50 0.00	38.85 2.18 -0.38
BARRETT___2 23546	40.92 2.24 0.00	38.39 2.17 0.00	36.83 1.85 0.00	36.03 1.68 0.00	36.42 1.60 0.00	40.18 1.60 -0.51	51.90 -0.05 0.10	69.71 0.54 -0.98	50.65 0.15 0.16	40.22 1.62 -1.77	37.20 2.19 -1.88	36.28 2.18 -2.05	34.20 2.15 -1.77	33.90 2.24 -1.43	33.60 2.27 -1.51	36.73 2.34 -2.39	40.97 2.18 -0.49	53.84 1.82 0.00	61.92 1.68 0.00	60.30 1.64 -0.01	48.03 1.31 0.00	43.96 1.32 0.00	41.02 1.50 0.00	38.85 2.18 -0.38
BATAVIA__115KV_TB1 55881	39.30 0.62 0.00	36.87 0.65 0.00	35.68 0.70 0.00	35.27 0.93 0.00	35.51 0.70 0.00	38.68 0.61 0.00	53.30 1.25 0.00	69.21 1.02 0.00	51.37 0.71 0.00	37.49 0.66 0.00	33.93 0.80 0.00	32.44 0.38 0.00	30.51 0.24 0.00	30.57 0.33 0.00	30.07 0.24 0.00	31.91 -0.10 0.00	37.76 -0.54 0.00	51.44 -0.57 0.00	59.51 -0.72 0.00	57.48 -1.17 0.00	46.07 -0.65 0.00	42.30 -0.34 0.00	39.40 -0.12 0.00	36.21 -0.07 0.00
BAYONEEC___CTG1 323682	40.61 1.93 0.00	37.92 1.70 0.00	36.45 1.47 0.00	35.76 1.41 0.00	36.14 1.32 0.00	39.95 1.37 -0.51	53.45 1.41 0.00	72.69 2.52 -1.98	52.33 1.67 0.00	40.32 1.73 -1.76	36.92 1.92 -1.86	35.94 1.86 -2.02	33.90 1.88 -1.75	33.65 2.00 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	54.51 2.50 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.56 1.92 0.00	41.45 1.94 0.00	38.52 1.85 -0.38
BAYONEEC___CTG10 323750	40.61 1.93 0.00	37.92 1.70 0.00	36.45 1.47 0.00	35.76 1.41 0.00	36.14 1.32 0.00	39.95 1.37 -0.51	53.45 1.41 0.00	72.69 2.52 -1.98	52.33 1.67 0.00	40.32 1.73 -1.76	36.92 1.92 -1.86	35.94 1.86 -2.02	33.90 1.88 -1.75	33.65 2.00 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	54.51 2.50 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.56 1.92 0.00	41.45 1.94 0.00	38.52 1.85 -0.38
BAYONEEC___CTG2 323683	40.61 1.93 0.00	37.92 1.70 0.00	36.45 1.47 0.00	35.76 1.41 0.00	36.14 1.32 0.00	39.95 1.37 -0.51	53.45 1.41 0.00	72.69 2.52 -1.98	52.33 1.67 0.00	40.32 1.73 -1.76	36.92 1.92 -1.86	35.94 1.86 -2.02	33.90 1.88 -1.75	33.65 2.00 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	54.51 2.50 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.56 1.92 0.00	41.45 1.94 0.00	38.52 1.85 -0.38
BAYONEEC___CTG3 323684	40.61 1.93 0.00	37.92 1.70 0.00	36.45 1.47 0.00	35.76 1.41 0.00	36.14 1.32 0.00	39.95 1.37 -0.51	53.45 1.41 0.00	72.69 2.52 -1.98	52.33 1.67 0.00	40.32 1.73 -1.76	36.92 1.92 -1.86	35.94 1.86 -2.02	33.90 1.88 -1.75	33.65 2.00 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	54.51 2.50 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.56 1.92 0.00	41.45 1.94 0.00	38.52 1.85 -0.38
BAYONEEC___CTG4 323685	40.61 1.93 0.00	37.92 1.70 0.00	36.45 1.47 0.00	35.76 1.41 0.00	36.14 1.32 0.00	39.95 1.37 -0.51	53.45 1.41 0.00	72.69 2.52 -1.98	52.33 1.67 0.00	40.32 1.73 -1.76	36.92 1.92 -1.86	35.94 1.86 -2.02	33.90 1.88 -1.75	33.65 2.00 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	54.51 2.50 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.56 1.92 0.00	41.45 1.94 0.00	38.52 1.85 -0.38
BAYONEEC___CTG5 323686	40.61 1.93 0.00	37.92 1.70 0.00	36.45 1.47 0.00	35.76 1.41 0.00	36.14 1.32 0.00	39.95 1.37 -0.51	53.45 1.41 0.00	72.69 2.52 -1.98	52.33 1.67 0.00	40.32 1.73 -1.76	36.92 1.92 -1.86	35.94 1.86 -2.02	33.90 1.88 -1.75	33.65 2.00 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	54.51 2.50 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.56 1.92 0.00	41.45 1.94 0.00	38.52 1.85 -0.38
BAYONEEC___CTG6 323687	40.61 1.93 0.00	37.92 1.70 0.00	36.45 1.47 0.00	35.76 1.41 0.00	36.14 1.32 0.00	39.95 1.37 -0.51	53.45 1.41 0.00	72.69 2.52 -1.98	52.33 1.67 0.00	40.32 1.73 -1.76	36.92 1.92 -1.86	35.94 1.86 -2.02	33.90 1.88 -1.75	33.65 2.00 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	54.51 2.50 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.56 1.92 0.00	41.45 1.94 0.00	38.52 1.85 -0.38
BAYONEEC___CTG7 323688	40.61 1.93 0.00	37.92 1.70 0.00	36.45 1.47 0.00	35.76 1.41 0.00	36.14 1.32 0.00	39.95 1.37 -0.51	53.45 1.41 0.00	72.69 2.52 -1.98	52.33 1.67 0.00	40.32 1.73 -1.76	36.92 1.92 -1.86	35.94 1.86 -2.02	33.90 1.88 -1.75	33.65 2.00 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	54.51 2.50 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.56 1.92 0.00	41.45 1.94 0.00	38.52 1.85 -0.38

BAYONEEC___CTG8 323689	40.61 1.93 0.00	37.92 1.70 0.00	36.45 1.47 0.00	35.76 1.41 0.00	36.14 1.32 0.00	39.95 1.37 -0.51	53.45 1.41 0.00	72.69 2.52 -1.98	52.33 1.67 0.00	40.32 1.73 -1.76	36.92 1.92 -1.86	35.94 1.86 -2.02	33.90 1.88 -1.75	33.65 2.00 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	54.51 2.50 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.56 1.92 0.00	41.45 1.94 0.00	38.52 1.85 -0.38
BAYONEEC___CTG9 323749	40.61 1.93 0.00	37.92 1.70 0.00	36.45 1.47 0.00	35.76 1.41 0.00	36.14 1.32 0.00	39.95 1.37 -0.51	53.45 1.41 0.00	72.69 2.52 -1.98	52.33 1.67 0.00	40.32 1.73 -1.76	36.92 1.92 -1.86	35.94 1.86 -2.02	33.90 1.88 -1.75	33.65 2.00 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	54.51 2.50 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.56 1.92 0.00	41.45 1.94 0.00	38.52 1.85 -0.38
BEACON___LESR 323632	39.10 0.43 0.00	36.69 0.47 0.00	35.40 0.42 0.00	34.73 0.38 0.00	35.20 0.38 0.00	38.18 0.38 0.27	52.31 0.26 0.00	67.83 0.68 1.04	50.96 0.31 0.00	36.44 0.26 0.65	32.69 0.23 0.68	31.57 0.26 0.74	29.87 0.24 0.64	30.02 0.30 0.52	29.66 0.36 0.53	32.01 0.45 0.45	38.74 0.61 0.18	52.85 0.83 0.00	61.25 1.02 0.00	59.59 0.94 0.00	47.47 0.75 0.00	43.24 0.60 0.00	40.03 0.51 0.00	36.73 0.58 0.14
BEAVER RIVER___HYD 24048	39.68 1.00 0.00	37.38 1.16 0.00	36.03 1.05 0.00	35.24 0.89 0.00	35.93 1.11 0.00	39.67 1.60 0.00	54.75 2.70 0.00	71.39 3.21 0.00	52.48 1.82 0.00	37.63 0.81 0.00	33.60 0.46 0.00	32.47 0.42 0.00	30.54 0.27 0.00	30.39 0.15 0.00	29.95 0.12 0.00	32.23 0.23 0.00	38.68 0.38 0.00	53.37 1.35 0.00	62.16 1.93 0.00	60.76 2.11 0.00	48.46 1.73 0.00	44.51 1.87 0.00	40.86 1.34 0.00	37.30 1.01 0.00
BEEBEE_GT_13 23619	38.79 0.12 0.00	36.40 0.18 0.00	35.19 0.21 0.00	34.69 0.34 0.00	35.02 0.21 0.00	38.26 0.19 0.00	52.57 0.52 0.00	68.59 0.41 0.00	50.96 0.30 0.00	37.12 0.29 0.00	33.54 0.40 0.00	32.19 0.13 0.00	30.33 0.06 0.00	30.36 0.12 0.00	29.83 0.00 0.00	31.85 -0.16 0.00	37.84 -0.46 0.00	51.65 -0.36 0.00	59.69 -0.54 0.00	57.89 -0.76 0.00	46.26 -0.47 0.00	42.34 -0.30 0.00	39.28 -0.24 0.00	36.03 -0.25 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.16 2.48 -0.01	38.33 2.10 -0.01	36.84 1.85 -0.01	36.14 1.79 -0.01	36.56 1.74 -0.01	40.37 1.79 -0.51	53.25 1.20 0.00	72.27 2.11 -1.97	52.18 1.52 0.00	40.50 1.91 -1.76	37.13 2.12 -1.87	36.14 2.05 -2.03	34.09 2.06 -1.76	33.87 2.21 -1.42	33.63 2.36 -1.44	35.73 2.50 -1.22	41.70 2.91 -0.49	54.30 2.29 0.01	62.87 2.65 0.01	61.22 2.58 0.01	48.69 1.96 0.00	44.60 1.96 0.00	41.81 2.29 0.00	38.96 2.29 -0.39
BETHLEHEM___GRP 23843	38.60 -0.08 0.00	36.22 0.00 0.00	34.95 -0.03 0.00	34.28 -0.07 0.00	34.71 -0.10 0.00	37.66 -0.15 0.25	51.48 -0.57 0.00	66.74 -0.48 0.96	50.30 -0.35 0.00	36.04 -0.18 0.61	32.40 -0.10 0.64	31.30 -0.06 0.70	29.64 -0.03 0.60	29.81 0.06 0.49	29.43 0.09 0.49	31.71 0.13 0.42	38.25 0.11 0.16	52.02 0.00 0.00	60.23 0.00 0.00	58.65 0.00 0.00	46.73 0.00 0.00	42.55 -0.09 0.00	39.44 -0.08 0.00	36.23 0.07 0.13
BETHLEHEM___GS1 323560	38.56 -0.12 0.00	36.22 0.00 0.00	34.95 -0.03 0.00	34.28 -0.07 0.00	34.71 -0.10 0.00	37.63 -0.19 0.25	51.48 -0.57 0.00	66.75 -0.47 0.96	50.20 -0.46 0.00	36.04 -0.18 0.61	32.40 -0.10 0.64	31.30 -0.06 0.70	29.64 -0.03 0.60	29.78 0.03 0.49	29.43 0.09 0.49	31.71 0.13 0.42	38.29 0.15 0.16	52.07 0.05 0.00	60.23 0.00 0.00	58.65 0.00 0.00	46.73 0.00 0.00	42.55 -0.09 0.00	39.44 -0.08 0.00	36.23 0.07 0.13
BETHLEHEM___GS2 323561	38.56 -0.12 0.00	36.22 0.00 0.00	34.95 -0.03 0.00	34.28 -0.07 0.00	34.71 -0.10 0.00	37.63 -0.19 0.25	51.48 -0.57 0.00	66.75 -0.47 0.96	50.20 -0.46 0.00	36.04 -0.18 0.61	32.40 -0.10 0.64	31.30 -0.06 0.70	29.64 -0.03 0.60	29.78 0.03 0.49	29.43 0.09 0.49	31.71 0.13 0.42	38.29 0.15 0.16	52.07 0.05 0.00	60.23 0.00 0.00	58.65 0.00 0.00	46.73 0.00 0.00	42.55 -0.09 0.00	39.44 -0.08 0.00	36.23 0.07 0.13
BETHLEHEM___GS3 323562	38.56 -0.12 0.00	36.22 0.00 0.00	34.95 -0.03 0.00	34.28 -0.07 0.00	34.71 -0.10 0.00	37.63 -0.19 0.25	51.48 -0.57 0.00	66.75 -0.47 0.96	50.20 -0.46 0.00	36.04 -0.18 0.61	32.40 -0.10 0.64	31.30 -0.06 0.70	29.64 -0.03 0.60	29.78 0.03 0.49	29.43 0.09 0.49	31.71 0.13 0.42	38.29 0.15 0.16	52.07 0.05 0.00	60.23 0.00 0.00	58.65 0.00 0.00	46.73 0.00 0.00	42.55 -0.09 0.00	39.44 -0.08 0.00	36.23 0.07 0.13
BETHLEHEM___STEEL 23779	38.83 0.15 0.00	36.51 0.29 0.00	35.33 0.35 0.00	35.03 0.69 0.00	35.16 0.35 0.00	38.18 0.11 0.00	52.78 0.73 0.00	68.18 0.00 0.00	50.71 0.05 0.00	37.08 0.26 0.00	33.77 0.63 0.00	32.25 0.19 0.00	30.42 0.15 0.00	30.36 0.12 0.00	29.95 0.12 0.00	31.75 -0.26 0.00	37.46 -0.84 0.00	50.66 -1.35 0.00	58.67 -1.57 0.00	56.48 -2.17 0.00	45.28 -1.45 0.00	41.66 -0.98 0.00	38.93 -0.59 0.00	35.92 -0.36 0.00
BETHLHEM_115KV_TB1 79974	38.72 0.04 0.00	36.29 0.07 0.00	35.05 0.07 0.00	34.38 0.03 0.00	34.82 0.00 0.00	37.80 -0.04 0.23	51.63 -0.42 0.00	67.01 -0.27 0.90	50.45 -0.20 0.00	36.18 -0.07 0.57	32.54 0.00 0.60	31.44 0.03 0.65	29.77 0.06 0.57	29.93 0.15 0.46	29.55 0.18 0.46	31.84 0.22 0.39	38.38 0.23 0.15	52.17 0.16 0.00	60.35 0.12 0.00	58.77 0.12 0.00	46.82 0.09 0.00	42.68 0.04 0.00	39.56 0.04 0.00	36.35 0.18 0.12
BETHPAGE_CC_5 323564	40.80 2.13 0.00	38.32 2.10 0.00	36.69 1.71 0.00	35.93 1.58 0.00	36.21 1.39 0.00	39.95 1.37 -0.51	50.28 -0.16 1.61	55.91 0.41 12.69	48.39 0.05 2.32	40.00 1.40 -1.77	37.17 2.15 -1.88	36.19 2.08 -2.05	34.11 2.06 -1.78	33.81 2.15 -1.43	33.62 2.33 -1.47	35.89 2.46 -1.42	40.86 2.07 -0.49	53.58 1.56 0.00	61.50 1.27 0.00	59.88 1.23 0.00	47.71 0.98 0.00	43.71 1.07 0.00	40.82 1.30 0.00	38.85 2.18 -0.38
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.79 0.12 0.00	36.47 0.25 0.00	35.29 0.31 0.00	35.00 0.65 0.00	35.13 0.31 0.00	38.18 0.11 0.00	52.78 0.73 0.00	68.25 0.07 0.00	50.76 0.10 0.00	37.08 0.26 0.00	33.80 0.66 0.00	32.25 0.19 0.00	30.42 0.15 0.00	30.36 0.12 0.00	29.95 0.12 0.00	31.75 -0.26 0.00	37.50 -0.80 0.00	50.72 -1.30 0.00	58.73 -1.51 0.00	56.54 -2.11 0.00	45.33 -1.40 0.00	41.66 -0.98 0.00	38.97 -0.55 0.00	35.92 -0.36 0.00
BINGHAMTON___COGEN 23790	38.95 0.27 0.00	36.47 0.25 0.00	35.26 0.28 0.00	34.73 0.38 0.00	35.09 0.28 0.00	38.33 0.27 0.00	52.72 0.68 0.00	68.93 0.75 0.00	51.01 0.35 0.00	37.19 0.18 -0.18	33.66 0.33 -0.19	32.46 0.19 -0.21	30.67 0.21 -0.18	30.57 0.18 -0.15	30.13 0.15 -0.15	32.20 0.06 -0.13	38.39 0.04 -0.05	52.12 0.10 0.00	60.53 0.30 0.00	58.71 0.06 0.00	46.87 0.14 0.00	42.77 0.13 0.00	39.68 0.16 0.00	36.54 0.22 -0.04

BIXINCNT_115KV_LOAD 355685	38.52 -0.15 0.00	36.29 0.07 0.00	35.26 0.28 0.00	35.00 0.65 0.00	35.13 0.31 0.00	38.26 0.19 0.00	53.19 1.15 0.00	68.87 0.68 0.00	51.01 0.35 0.00	37.16 0.33 0.00	33.87 0.73 0.00	32.35 0.29 0.00	30.51 0.24 0.00	30.45 0.21 0.00	30.01 0.18 0.00	31.78 -0.22 0.00	37.57 -0.73 0.00	50.98 -1.04 0.00	59.21 -1.02 0.00	56.89 -1.76 0.00	45.51 -1.21 0.00	41.79 -0.85 0.00	39.04 -0.47 0.00	35.96 -0.33 0.00
BLACK RIVER___HYD 24047	39.95 1.27 0.00	37.67 1.45 0.00	36.31 1.33 0.00	35.45 1.10 0.00	36.21 1.39 0.00	40.12 2.05 0.00	55.59 3.54 0.00	72.41 4.23 0.00	53.14 2.48 0.00	37.78 0.96 0.00	33.74 0.60 0.00	32.54 0.48 0.00	30.61 0.33 0.00	30.42 0.18 0.00	29.95 0.12 0.00	32.26 0.25 0.00	38.80 0.50 0.00	53.79 1.77 0.00	62.88 2.65 0.00	61.52 2.87 0.00	49.02 2.29 0.00	44.98 2.34 0.00	41.18 1.66 0.00	37.56 1.27 0.00
BLACKRVR_115KV_TB2 79977	39.92 1.24 0.00	37.67 1.45 0.00	36.31 1.33 0.00	35.45 1.10 0.00	36.21 1.39 0.00	40.08 2.02 0.00	55.59 3.54 0.00	72.41 4.23 0.00	53.09 2.43 0.00	37.78 0.96 0.00	33.74 0.60 0.00	32.54 0.48 0.00	30.60 0.33 0.00	30.42 0.18 0.00	29.95 0.12 0.00	32.26 0.26 0.00	38.80 0.50 0.00	53.84 1.82 0.00	62.88 2.65 0.00	61.52 2.87 0.00	49.02 2.29 0.00	44.98 2.35 0.00	41.18 1.66 0.00	37.56 1.27 0.00
BLDWN_LI_69_KV_BK4 356085	41.35 2.67 0.00	38.50 2.28 0.00	36.90 1.92 0.00	36.13 1.79 0.00	36.49 1.67 0.00	40.33 1.75 -0.51	51.65 0.36 0.76	62.61 1.09 6.66	50.03 0.66 1.29	40.33 1.73 -1.77	37.33 2.32 -1.88	36.35 2.24 -2.05	34.29 2.24 -1.78	33.99 2.33 -1.43	33.75 2.45 -1.48	36.29 2.59 -1.69	41.09 2.30 -0.49	54.05 2.03 0.00	62.28 2.05 0.00	60.64 1.99 0.00	48.32 1.59 0.00	44.17 1.54 0.00	41.53 2.02 0.00	39.07 2.39 -0.38
BLISS_WT_PWR 323608	38.72 0.04 0.00	36.25 0.04 0.00	35.26 0.28 0.00	35.00 0.65 0.00	35.37 0.56 0.00	38.34 0.27 0.00	53.25 1.20 0.00	69.01 0.82 0.00	51.42 0.76 0.00	37.19 0.37 0.00	33.90 0.76 0.00	32.35 0.29 0.00	30.54 0.27 0.00	30.54 0.30 0.00	30.04 0.21 0.00	31.78 -0.22 0.00	37.54 -0.77 0.00	50.87 -1.14 0.00	59.21 -1.02 0.00	56.77 -1.88 0.00	45.51 -1.22 0.00	41.83 -0.81 0.00	39.16 -0.36 0.00	35.99 -0.29 0.00
BLUESTONE___WT_PWR 323821	39.92 1.24 0.00	37.52 1.30 0.00	36.24 1.26 0.00	35.48 1.13 0.00	36.14 1.32 0.00	39.82 1.75 0.00	55.17 3.12 0.00	72.14 3.95 0.00	53.09 2.43 0.00	38.08 1.07 -0.19	34.26 0.93 -0.20	33.01 0.74 -0.21	31.09 0.64 -0.19	30.90 0.51 -0.15	30.46 0.48 -0.15	32.71 0.58 -0.13	39.23 0.88 -0.05	54.25 2.24 0.00	63.24 3.01 0.00	61.58 2.93 0.00	49.11 2.38 0.00	44.73 2.09 0.00	41.26 1.74 0.00	37.81 1.49 -0.04
BLUE_CIRC_CHEM_DRP 24182	39.30 0.62 0.00	36.80 0.58 0.00	35.54 0.56 0.00	34.90 0.55 0.00	35.34 0.52 0.00	38.63 0.69 0.12	52.72 0.68 0.00	68.87 1.16 0.47	51.11 0.46 0.00	36.81 0.26 0.27	33.05 0.20 0.29	31.94 0.19 0.31	30.18 0.18 0.27	30.29 0.27 0.22	29.91 0.30 0.22	32.24 0.42 0.19	38.74 0.54 0.10	52.80 0.78 0.00	61.13 0.90 0.00	59.53 0.88 0.00	47.47 0.75 0.00	43.24 0.60 0.00	40.11 0.59 0.00	36.86 0.65 0.08
BOC_GAS_DRP 24189	39.06 0.39 0.00	36.54 0.33 0.00	35.29 0.31 0.00	34.62 0.27 0.00	35.06 0.24 0.00	38.15 0.23 0.14	52.10 0.05 0.00	67.91 0.27 0.55	50.81 0.15 0.00	36.69 0.22 0.36	33.06 0.30 0.38	31.97 0.32 0.41	30.28 0.36 0.36	30.37 0.42 0.29	29.99 0.45 0.29	32.24 0.48 0.25	38.78 0.57 0.10	52.54 0.52 0.00	60.77 0.54 0.00	59.18 0.53 0.00	47.15 0.42 0.00	42.98 0.34 0.00	39.91 0.40 0.00	36.61 0.40 0.08
BOONVILLE_115KV_TB1 79983	39.53 0.85 0.00	37.16 0.94 0.00	35.85 0.87 0.00	35.07 0.72 0.00	35.72 0.91 0.00	39.32 1.26 0.00	54.18 2.13 0.00	70.77 2.59 0.00	52.23 1.57 0.00	37.52 0.70 0.00	33.64 0.50 0.00	32.51 0.45 0.00	30.63 0.36 0.00	30.54 0.30 0.00	30.10 0.27 0.00	32.36 0.35 0.00	38.84 0.54 0.00	53.32 1.30 0.00	61.98 1.75 0.00	60.47 1.82 0.00	48.18 1.45 0.00	44.09 1.45 0.00	40.59 1.07 0.00	37.12 0.83 0.00
BORALEX_4TH_BRANCH 23824	39.80 1.12 0.00	37.09 0.87 0.00	35.75 0.77 0.00	35.03 0.69 0.00	35.48 0.66 0.00	38.21 0.84 0.70	53.04 0.99 0.00	67.13 1.64 2.69	51.82 1.17 0.00	36.14 0.88 1.57	32.34 0.86 1.66	31.09 0.83 1.80	29.56 0.85 1.56	29.91 0.94 1.26	29.60 1.04 1.28	32.10 1.18 1.09	39.40 1.53 0.43	53.89 1.87 0.00	62.58 2.35 0.00	60.82 2.17 0.00	48.36 1.64 0.00	43.96 1.32 0.00	40.82 1.30 0.00	37.11 1.16 0.34
BOWLINE___1 23526	40.26 1.59 0.00	37.56 1.34 0.00	36.17 1.19 0.00	35.48 1.13 0.00	35.86 1.04 0.00	39.62 1.10 -0.45	53.19 1.14 0.00	71.96 2.04 -1.73	51.87 1.21 0.00	39.54 1.25 -1.46	36.21 1.53 -1.55	35.18 1.44 -1.68	33.21 1.48 -1.46	32.99 1.57 -1.18	32.75 1.73 -1.19	34.81 1.79 -1.02	40.73 2.03 -0.40	54.10 2.08 0.00	62.52 2.29 0.00	60.88 2.23 0.00	48.41 1.68 0.00	44.17 1.53 0.00	41.10 1.58 0.00	38.13 1.52 -0.32
BOWLINE___2 23595	40.26 1.59 0.00	37.56 1.34 0.00	36.17 1.19 0.00	35.48 1.13 0.00	35.86 1.04 0.00	39.58 1.06 -0.45	53.19 1.14 0.00	71.96 2.04 -1.73	51.87 1.21 0.00	39.54 1.25 -1.46	36.18 1.49 -1.55	35.18 1.44 -1.68	33.21 1.48 -1.46	32.99 1.57 -1.18	32.72 1.70 -1.19	34.78 1.76 -1.02	40.73 2.03 -0.40	54.04 2.03 0.00	62.52 2.29 0.00	60.88 2.23 0.00	48.41 1.68 0.00	44.17 1.53 0.00	41.06 1.54 0.00	38.09 1.49 -0.32
BRADY___115KV_TB2 356060	39.53 0.85 0.00	37.20 0.98 0.00	35.89 0.91 0.00	35.21 0.86 0.00	35.83 1.01 0.00	39.40 1.33 0.00	54.08 2.03 0.00	70.30 2.11 0.00	52.02 1.37 0.00	37.60 0.77 0.00	33.57 0.43 0.00	32.57 0.51 0.00	30.60 0.33 0.00	30.48 0.24 0.00	30.04 0.21 0.00	32.29 0.29 0.00	38.84 0.54 0.00	53.21 1.20 0.00	61.74 1.51 0.00	60.35 1.70 0.00	48.08 1.36 0.00	43.96 1.32 0.00	40.55 1.03 0.00	37.16 0.87 0.00
BRANSCOMB___SOLAR 323811	39.76 1.08 0.00	37.23 1.01 0.00	35.96 0.98 0.00	35.28 0.93 0.00	35.76 0.94 0.00	38.75 1.03 0.35	53.40 1.35 0.00	68.83 1.98 1.33	51.72 1.07 0.00	36.50 0.48 0.80	32.55 0.26 0.85	31.36 0.23 0.92	29.65 0.18 0.80	29.86 0.27 0.65	29.47 0.30 0.66	31.90 0.45 0.56	38.81 0.73 0.22	53.47 1.45 0.00	62.28 2.05 0.00	60.58 1.93 0.00	48.27 1.54 0.00	43.92 1.28 0.00	40.62 1.10 0.00	37.13 1.01 0.17
BRDGHMPT_69_KV_BK1 55812	40.73 2.05 0.00	37.85 1.63 0.00	36.20 1.22 0.00	35.41 1.06 0.00	35.83 1.01 0.00	39.65 1.07 -0.51	49.36 -1.46 1.23	51.13 -1.43 15.62	47.01 -1.17 2.48	39.22 0.63 -1.77	36.41 1.39 -1.88	35.42 1.31 -2.04	33.41 1.36 -1.77	33.06 1.39 -1.43	33.05 1.76 -1.46	35.29 1.98 -1.29	40.25 1.46 -0.49	52.85 0.83 0.00	60.71 0.48 0.00	59.24 0.59 0.00	47.38 0.65 0.00	43.49 0.85 0.00	41.14 1.62 0.00	38.85 2.18 -0.38



BRENTWOD_69_KV_W. BRTWOOD 56703	41.31 2.63 0.00	38.46 2.25 0.00	36.80 1.82 0.00	36.00 1.65 0.00	36.38 1.57 0.00	40.29 1.71 -0.51	50.28 -0.16 1.61	52.79 0.20 15.60	48.06 0.05 2.64	40.11 1.51 -1.77	37.17 2.15 -1.88	36.15 2.05 -2.04	34.07 2.03 -1.77	33.75 2.09 -1.43	33.65 2.36 -1.46	35.63 2.30 -1.32	40.67 1.88 -0.49	53.32 1.30 0.00	61.25 1.02 0.00	59.65 1.00 0.00	47.61 0.89 0.00	43.62 0.98 0.00	41.30 1.78 0.00	38.99 2.32 -0.38
BRISTLHL_115KV_TB1 79998	38.06 -0.62 0.00	35.64 -0.58 0.00	34.42 -0.56 0.00	33.83 -0.52 0.00	34.29 -0.52 0.00	37.50 -0.57 0.00	51.37 -0.68 0.00	67.37 -0.82 0.00	49.95 -0.71 0.00	36.24 -0.59 0.00	32.64 -0.50 0.00	31.51 -0.54 0.00	29.76 -0.51 0.00	29.69 -0.54 0.00	29.26 -0.57 0.00	31.40 -0.61 0.00	37.57 -0.73 0.00	51.13 -0.88 0.00	59.27 -0.96 0.00	57.65 -1.00 0.00	45.98 -0.75 0.00	41.96 -0.68 0.00	38.89 -0.63 0.00	35.67 -0.62 0.00
BROOKHAVEN___DRP 24191	40.81 2.13 0.00	37.96 1.74 0.00	36.31 1.33 0.00	35.52 1.17 0.00	35.93 1.11 0.00	39.76 1.18 -0.51	49.69 -1.15 1.21	51.56 -1.02 15.60	47.37 -0.81 2.47	39.59 0.99 -1.77	36.67 1.66 -1.88	35.67 1.57 -2.04	33.65 1.60 -1.77	33.33 1.66 -1.43	33.23 1.94 -1.46	35.41 2.11 -1.29	40.28 1.49 -0.49	52.69 0.68 0.00	60.47 0.24 0.00	58.88 0.23 0.00	47.10 0.37 0.00	43.28 0.64 0.00	41.06 1.54 0.00	38.74 2.07 -0.38
BROOKLYN_NAVY_YARD 23515	40.57 1.89 0.00	37.88 1.67 0.00	36.38 1.40 0.00	35.69 1.34 0.00	36.07 1.25 0.00	39.91 1.33 -0.51	53.40 1.35 0.00	72.61 2.45 -1.98	52.33 1.67 0.00	40.28 1.69 -1.76	36.86 1.85 -1.86	35.87 1.79 -2.02	33.84 1.82 -1.75	33.59 1.94 -1.42	33.35 2.09 -1.44	35.41 2.18 -1.22	41.31 2.53 -0.49	54.46 2.45 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.47 1.83 0.00	41.38 1.86 0.00	38.45 1.78 -0.38
BROOKLYN___ARMY_DRP 323595	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
BROOME_2_LFGE 323671	39.03 0.35 0.00	36.47 0.26 0.00	35.26 0.28 0.00	34.73 0.38 0.00	35.16 0.35 0.00	38.34 0.27 0.00	52.72 0.67 0.00	68.94 0.75 0.00	51.11 0.45 0.00	37.19 0.19 -0.18	33.66 0.33 -0.19	32.46 0.19 -0.21	30.67 0.21 -0.18	30.60 0.21 -0.15	30.16 0.18 -0.15	32.20 0.06 -0.13	38.35 0.00 -0.05	52.07 0.05 0.00	60.53 0.30 0.00	58.71 0.06 0.00	46.87 0.14 0.00	42.77 0.13 0.00	39.72 0.20 0.00	36.54 0.22 -0.04
BROOME___LFGE 323600	39.03 0.35 0.00	36.47 0.26 0.00	35.26 0.28 0.00	34.73 0.38 0.00	35.16 0.35 0.00	38.34 0.27 0.00	52.72 0.67 0.00	68.94 0.75 0.00	51.11 0.45 0.00	37.19 0.19 -0.18	33.66 0.33 -0.19	32.46 0.19 -0.21	30.67 0.21 -0.18	30.60 0.21 -0.15	30.16 0.18 -0.15	32.20 0.06 -0.13	38.35 0.00 -0.05	52.07 0.05 0.00	60.53 0.30 0.00	58.71 0.06 0.00	46.87 0.14 0.00	42.77 0.13 0.00	39.72 0.20 0.00	36.54 0.22 -0.04
BROWNFLS_115KV_TB 3_5 80003	39.57 0.89 0.00	37.27 1.05 0.00	35.96 0.98 0.00	35.21 0.86 0.00	35.89 1.08 0.00	39.55 1.48 0.00	54.39 2.34 0.00	70.77 2.59 0.00	52.23 1.57 0.00	37.67 0.85 0.00	33.64 0.50 0.00	32.54 0.48 0.00	30.57 0.30 0.00	30.42 0.18 0.00	29.98 0.15 0.00	32.26 0.26 0.00	38.68 0.38 0.00	53.16 1.14 0.00	61.68 1.45 0.00	60.29 1.64 0.00	48.13 1.40 0.00	44.30 1.66 0.00	40.70 1.19 0.00	37.23 0.94 0.00
BROWNSV1_27_KV_LOAD 356125	41.00 2.32 0.00	38.17 1.96 0.00	36.69 1.71 0.00	35.96 1.61 0.00	36.38 1.57 0.00	40.25 1.67 -0.51	53.87 1.82 0.00	73.23 3.07 -1.98	52.89 2.23 0.00	40.61 2.03 -1.76	37.19 2.19 -1.86	36.20 2.12 -2.02	34.11 2.09 -1.75	33.86 2.21 -1.42	33.62 2.36 -1.44	35.73 2.50 -1.22	41.62 2.83 -0.49	54.93 2.91 0.00	63.36 3.13 0.00	61.70 3.05 0.00	49.16 2.43 0.00	44.81 2.17 0.00	41.77 2.25 0.00	38.77 2.10 -0.38
BURROWS___LYONSDAL 23803	39.57 0.89 0.00	37.20 0.98 0.00	35.89 0.91 0.00	35.10 0.76 0.00	35.79 0.97 0.00	39.44 1.37 0.00	54.34 2.29 0.00	70.91 2.73 0.00	52.28 1.62 0.00	37.56 0.74 0.00	33.64 0.50 0.00	32.47 0.42 0.00	30.60 0.33 0.00	30.51 0.27 0.00	30.07 0.24 0.00	32.33 0.32 0.00	38.80 0.50 0.00	53.37 1.35 0.00	62.04 1.81 0.00	60.59 1.94 0.00	48.27 1.54 0.00	44.17 1.54 0.00	40.63 1.11 0.00	37.16 0.87 0.00
CAITHNESS_CC_1 323624	40.53 1.86 0.00	37.99 1.77 0.00	36.34 1.36 0.00	35.55 1.20 0.00	35.93 1.11 0.00	39.72 1.14 -0.51	49.76 -1.10 1.19	51.64 -0.95 15.59	47.33 -0.86 2.46	39.63 1.03 -1.77	36.70 1.69 -1.88	35.74 1.63 -2.04	33.68 1.63 -1.77	33.36 1.69 -1.43	33.26 1.97 -1.46	35.44 2.14 -1.29	40.40 1.61 -0.49	52.85 0.83 0.00	60.47 0.24 0.00	58.88 0.24 0.00	47.15 0.42 0.00	43.32 0.68 0.00	40.54 1.03 0.00	38.70 2.03 -0.38
CALPINE BETH_PAGE_GT4 24209	41.19 2.51 0.00	38.39 2.17 0.00	36.76 1.78 0.00	36.00 1.65 0.00	36.28 1.46 0.00	40.07 1.48 -0.51	50.43 -0.05 1.57	57.37 0.55 11.36	48.75 0.25 2.16	40.07 1.47 -1.77	37.23 2.22 -1.88	36.25 2.15 -2.05	34.20 2.15 -1.78	33.87 2.21 -1.43	33.68 2.39 -1.47	36.00 2.53 -1.47	40.86 2.07 -0.49	53.58 1.56 0.00	61.68 1.45 0.00	60.00 1.35 0.00	47.85 1.12 0.00	43.79 1.15 0.00	41.18 1.66 0.00	38.96 2.29 -0.38
CALPINE_BETH_PAGE_GT_4 323586	40.92 2.24 0.00	38.39 2.17 0.00	36.76 1.78 0.00	36.00 1.65 0.00	36.24 1.43 0.00	39.99 1.41 -0.51	50.43 -0.05 1.57	57.36 0.54 11.36	48.65 0.15 2.16	40.07 1.47 -1.77	37.23 2.22 -1.88	36.25 2.15 -2.05	34.17 2.12 -1.78	33.87 2.21 -1.43	33.69 2.39 -1.47	36.00 2.53 -1.47	40.97 2.18 -0.49	53.68 1.66 0.00	61.67 1.44 0.00	60.05 1.41 0.00	47.85 1.12 0.00	43.79 1.15 0.00	40.90 1.38 0.00	38.92 2.25 -0.38
CALPINE_BP_GT1 23823	40.92 2.24 0.00	38.39 2.17 0.00	36.76 1.78 0.00	36.00 1.65 0.00	36.24 1.43 0.00	39.99 1.41 -0.51	50.43 -0.05 1.57	57.36 0.54 11.36	48.65 0.15 2.16	40.07 1.47 -1.77	37.23 2.22 -1.88	36.25 2.15 -2.05	34.17 2.12 -1.78	33.87 2.21 -1.43	33.69 2.39 -1.47	36.00 2.53 -1.47	40.97 2.18 -0.49	53.68 1.66 0.00	61.67 1.44 0.00	60.05 1.41 0.00	47.85 1.12 0.00	43.79 1.15 0.00	40.90 1.38 0.00	38.92 2.25 -0.38
CALSPAN___DRP 24200	38.83 0.15 0.00	36.51 0.29 0.00	35.33 0.35 0.00	35.03 0.69 0.00	35.16 0.35 0.00	38.18 0.11 0.00	52.78 0.73 0.00	68.18 0.00 0.00	50.71 0.05 0.00	37.08 0.26 0.00	33.77 0.63 0.00	32.25 0.19 0.00	30.42 0.15 0.00	30.36 0.12 0.00	29.95 0.12 0.00	31.75 -0.26 0.00	37.46 -0.84 0.00	50.66 -1.35 0.00	58.67 -1.57 0.00	56.48 -2.17 0.00	45.28 -1.45 0.00	41.66 -0.98 0.00	38.93 -0.59 0.00	35.92 -0.36 0.00

CALVERTON___SOLAR 323806	40.50 1.82 0.00	37.96 1.74 0.00	36.31 1.33 0.00	35.52 1.17 0.00	35.86 1.04 0.00	39.69 1.10 -0.51	49.63 -1.20 1.22	51.48 -1.09 15.61	47.22 -0.96 2.48	39.52 0.92 -1.77	36.60 1.59 -1.88	35.64 1.54 -2.04	33.59 1.54 -1.77	33.27 1.60 -1.43	33.20 1.91 -1.46	35.38 2.08 -1.29	40.36 1.57 -0.49	52.85 0.83 0.00	60.47 0.24 0.00	58.94 0.29 0.00	47.15 0.42 0.00	43.32 0.68 0.00	40.51 0.99 0.00	38.66 1.99 -0.38
CANDIGU_WT_PWR 323617	38.95 0.27 0.00	36.36 0.15 0.00	35.26 0.28 0.00	34.90 0.55 0.00	35.34 0.52 0.00	38.41 0.34 0.00	52.99 0.94 0.00	68.94 0.75 0.00	51.11 0.45 0.00	36.83 0.00 0.00	33.44 0.30 0.00	31.99 -0.06 0.00	30.27 0.00 0.00	30.21 -0.03 0.00	29.71 -0.12 0.00	31.66 -0.35 0.00	37.61 -0.69 0.00	51.34 -0.68 0.00	59.93 -0.30 0.00	57.83 -0.82 0.00	46.26 -0.47 0.00	42.30 -0.34 0.00	39.48 -0.04 0.00	36.36 0.07 0.00
CARR STREET_E_SYR 24060	38.25 -0.42 0.00	35.78 -0.43 0.00	34.56 -0.42 0.00	34.00 -0.34 0.00	34.47 -0.35 0.00	37.57 -0.50 0.00	51.53 -0.52 0.00	67.50 -0.68 0.00	50.15 -0.51 0.00	36.42 -0.40 0.00	32.84 -0.30 0.00	31.67 -0.38 0.00	29.94 -0.33 0.00	29.88 -0.36 0.00	29.44 -0.39 0.00	31.56 -0.45 0.00	37.73 -0.57 0.00	51.24 -0.78 0.00	59.39 -0.84 0.00	57.71 -0.94 0.00	46.07 -0.65 0.00	42.13 -0.51 0.00	39.05 -0.47 0.00	35.81 -0.47 0.00
CARTHAGE___PAPER 23857	39.84 1.16 0.00	37.52 1.30 0.00	36.17 1.19 0.00	35.34 1.00 0.00	36.07 1.25 0.00	39.89 1.83 0.00	55.22 3.18 0.00	71.93 3.75 0.00	52.83 2.18 0.00	37.71 0.88 0.00	33.67 0.53 0.00	32.47 0.42 0.00	30.57 0.30 0.00	30.42 0.18 0.00	29.95 0.12 0.00	32.26 0.25 0.00	38.76 0.46 0.00	53.63 1.61 0.00	62.58 2.35 0.00	61.23 2.58 0.00	48.78 2.05 0.00	44.77 2.13 0.00	41.02 1.50 0.00	37.45 1.16 0.00
CASSADAGA_WT_PWR 323784	39.65 0.97 0.00	37.05 0.83 0.00	35.92 0.94 0.00	35.69 1.34 0.00	36.07 1.25 0.00	39.10 1.03 0.00	54.34 2.29 0.00	70.37 2.18 0.00	52.48 1.82 0.00	37.93 1.10 0.00	34.60 1.46 0.00	33.02 0.96 0.00	31.15 0.88 0.00	31.14 0.91 0.00	30.64 0.81 0.00	32.42 0.41 0.00	38.26 -0.04 0.00	51.91 -0.10 0.00	60.47 0.24 0.00	57.95 -0.70 0.00	46.40 -0.32 0.00	42.64 0.00 0.00	39.83 0.31 0.00	36.51 0.22 0.00
CE_DUNWOOD___DRP 24194	40.46 1.78 0.00	37.74 1.52 0.00	36.31 1.33 0.00	35.58 1.24 0.00	36.00 1.18 0.00	39.78 1.22 -0.49	53.25 1.20 0.00	72.28 2.18 -1.91	52.13 1.47 0.00	39.93 1.44 -1.66	36.56 1.66 -1.76	35.57 1.60 -1.91	33.53 1.60 -1.66	33.30 1.72 -1.34	33.07 1.88 -1.36	35.11 1.95 -1.16	40.94 2.18 -0.46	54.20 2.18 0.00	62.64 2.41 0.00	61.00 2.35 0.00	48.55 1.82 0.00	44.30 1.66 0.00	41.22 1.70 0.00	38.28 1.63 -0.36
CE_MILLWOOD___DRP 24193	40.38 1.70 0.00	37.63 1.41 0.00	36.20 1.22 0.00	35.52 1.17 0.00	35.93 1.11 0.00	39.68 1.14 -0.47	53.19 1.15 0.00	72.03 2.05 -1.80	52.02 1.37 0.00	39.65 1.33 -1.50	36.25 1.52 -1.59	35.29 1.51 -1.72	33.28 1.51 -1.49	33.05 1.60 -1.21	32.82 1.76 -1.23	34.87 1.82 -1.04	40.78 2.07 -0.41	54.10 2.08 0.00	62.52 2.29 0.00	60.88 2.23 0.00	48.46 1.73 0.00	44.17 1.54 0.00	41.14 1.62 0.00	38.14 1.52 -0.33
CE_NYC2_DRP 24202	40.93 2.24 -0.01	38.11 1.88 -0.01	36.67 1.68 -0.01	35.94 1.58 -0.01	36.36 1.53 -0.01	40.14 1.56 -0.51	53.19 1.15 0.00	72.20 2.05 -1.97	52.18 1.52 0.00	40.36 1.77 -1.76	36.96 1.96 -1.87	35.97 1.89 -2.03	33.93 1.91 -1.76	33.71 2.06 -1.42	33.48 2.21 -1.44	35.54 2.30 -1.22	41.43 2.64 -0.49	54.14 2.13 0.01	62.45 2.23 0.01	60.81 2.17 0.01	48.60 1.87 0.00	44.43 1.79 0.00	41.57 2.05 0.00	38.71 2.03 -0.39
CE_NYC_DRP 24195	40.77 2.09 0.00	37.99 1.77 0.00	36.52 1.54 0.00	35.79 1.44 0.00	36.21 1.39 0.00	40.06 1.48 -0.51	53.56 1.51 0.00	72.82 2.66 -1.98	52.58 1.92 0.00	40.39 1.80 -1.76	36.99 1.99 -1.86	36.00 1.92 -2.02	33.96 1.94 -1.75	33.71 2.06 -1.42	33.47 2.21 -1.44	35.53 2.30 -1.22	41.43 2.64 -0.49	54.62 2.60 0.00	63.00 2.77 0.00	61.35 2.70 0.00	48.88 2.15 0.00	44.60 1.96 0.00	41.53 2.02 0.00	38.59 1.92 -0.38
CHAFFEE___LFGE 323603	39.06 0.39 0.00	36.51 0.29 0.00	35.29 0.31 0.00	35.03 0.69 0.00	35.44 0.63 0.00	38.26 0.19 0.00	52.83 0.78 0.00	68.39 0.21 0.00	51.22 0.56 0.00	37.12 0.29 0.00	33.80 0.66 0.00	32.28 0.23 0.00	30.45 0.18 0.00	30.45 0.21 0.00	29.95 0.12 0.00	31.75 -0.26 0.00	37.42 -0.88 0.00	50.66 -1.35 0.00	58.85 -1.38 0.00	56.42 -2.23 0.00	45.37 -1.36 0.00	41.70 -0.94 0.00	39.09 -0.43 0.00	35.92 -0.36 0.00
CHATEAUG_35_KV_LOAD 355732	39.14 0.46 0.00	36.76 0.54 0.00	35.47 0.49 0.00	34.86 0.52 0.00	35.41 0.59 0.00	38.83 0.76 0.00	53.14 1.09 0.00	69.21 1.02 0.00	51.47 0.81 0.00	37.45 0.63 0.00	33.50 0.36 0.00	32.47 0.42 0.00	30.54 0.27 0.00	30.42 0.18 0.00	29.98 0.15 0.00	32.23 0.22 0.00	38.72 0.42 0.00	52.69 0.68 0.00	61.13 0.90 0.00	59.71 1.06 0.00	47.43 0.70 0.00	43.36 0.72 0.00	40.11 0.59 0.00	36.79 0.51 0.00
CHATEAUG_WT_PWR 323614	39.03 0.35 0.00	36.62 0.40 0.00	35.37 0.39 0.00	34.76 0.41 0.00	35.23 0.42 0.00	38.67 0.61 0.00	52.83 0.78 0.00	68.94 0.75 0.00	51.27 0.61 0.00	37.38 0.55 0.00	33.44 0.30 0.00	32.44 0.39 0.00	30.51 0.24 0.00	30.42 0.18 0.00	29.95 0.12 0.00	32.20 0.19 0.00	38.61 0.30 0.00	52.48 0.47 0.00	60.90 0.66 0.00	59.36 0.71 0.00	47.19 0.47 0.00	43.11 0.47 0.00	39.95 0.44 0.00	36.69 0.40 0.00
CHAT_HIGH_FALL_HYD 323578	39.14 0.46 0.00	36.76 0.54 0.00	35.47 0.49 0.00	34.86 0.52 0.00	35.41 0.59 0.00	38.83 0.76 0.00	53.14 1.09 0.00	69.21 1.02 0.00	51.47 0.81 0.00	37.45 0.63 0.00	33.50 0.36 0.00	32.47 0.42 0.00	30.54 0.27 0.00	30.42 0.18 0.00	29.98 0.15 0.00	32.23 0.22 0.00	38.72 0.42 0.00	52.69 0.68 0.00	61.13 0.90 0.00	59.71 1.06 0.00	47.43 0.70 0.00	43.36 0.72 0.00	40.11 0.59 0.00	36.79 0.51 0.00
CHAUTAUQUA___LFGE 323629	39.49 0.81 0.00	36.87 0.65 0.00	35.75 0.77 0.00	35.45 1.10 0.00	35.86 1.04 0.00	38.79 0.72 0.00	53.71 1.67 0.00	69.48 1.29 0.00	51.92 1.27 0.00	37.56 0.74 0.00	34.27 1.13 0.00	32.70 0.64 0.00	30.88 0.61 0.00	30.87 0.64 0.00	30.37 0.54 0.00	32.14 0.13 0.00	37.92 -0.38 0.00	51.34 -0.68 0.00	59.81 -0.42 0.00	57.30 -1.35 0.00	45.98 -0.75 0.00	42.25 -0.38 0.00	39.56 0.04 0.00	36.32 0.04 0.00
CHERRYST_13_KV_LD 356241	40.88 2.20 0.00	38.06 1.85 0.00	36.59 1.61 0.00	35.89 1.55 0.00	36.31 1.50 0.00	40.14 1.56 -0.51	53.77 1.72 0.00	73.02 2.86 -1.98	52.78 2.13 0.00	40.54 1.95 -1.76	37.12 2.12 -1.86	36.13 2.05 -2.02	34.05 2.03 -1.75	33.80 2.15 -1.42	33.56 2.30 -1.44	35.63 2.40 -1.22	41.54 2.76 -0.49	54.77 2.76 0.00	63.18 2.95 0.00	61.47 2.82 0.00	49.02 2.29 0.00	44.69 2.05 0.00	41.65 2.13 0.00	38.66 2.00 -0.38

CHESTROR_138KV_BK263 355645	40.26 1.59 0.00	37.56 1.34 0.00	36.17 1.19 0.00	35.48 1.13 0.00	35.89 1.08 0.00	39.58 1.10 -0.41	53.35 1.30 0.00	71.96 2.18 -1.59	52.02 1.37 0.00	39.37 1.18 -1.37	35.98 1.39 -1.45	34.95 1.31 -1.58	33.00 1.36 -1.37	32.79 1.45 -1.11	32.53 1.58 -1.12	34.59 1.63 -0.95	40.56 1.88 -0.38	54.05 2.03 0.00	62.52 2.29 0.00	60.88 2.23 0.00	48.41 1.68 0.00	44.13 1.49 0.00	41.06 1.54 0.00	38.03 1.45 -0.30
CH_MIDHUDSON___DRP 24192	40.19 1.51 0.00	37.49 1.27 0.00	36.10 1.12 0.00	35.41 1.06 0.00	35.79 0.97 0.00	39.46 1.03 -0.36	53.14 1.09 0.00	71.42 1.84 -1.40	51.87 1.22 0.00	39.39 1.10 -1.46	35.91 1.23 -1.54	34.95 1.22 -1.68	32.97 1.24 -1.45	32.74 1.33 -1.18	32.48 1.46 -1.19	34.59 1.57 -1.01	40.50 1.80 -0.40	53.94 1.92 0.00	62.28 2.05 0.00	60.70 2.05 0.00	48.32 1.59 0.00	44.05 1.41 0.00	40.94 1.42 0.00	37.94 1.34 -0.32
CH_MISC_IPPS 23765	40.42 1.74 0.00	37.77 1.56 0.00	36.34 1.36 0.00	35.65 1.30 0.00	36.03 1.22 0.00	39.79 1.30 -0.43	53.61 1.56 0.00	72.37 2.52 -1.66	52.18 1.52 0.00	39.81 1.32 -1.66	36.32 1.42 -1.76	35.34 1.38 -1.91	33.32 1.39 -1.65	33.09 1.51 -1.34	32.86 1.67 -1.36	34.92 1.76 -1.15	40.86 2.11 -0.46	54.41 2.39 0.00	62.82 2.59 0.00	61.29 2.64 0.00	48.69 1.96 0.00	44.39 1.75 0.00	41.18 1.66 0.00	38.24 1.59 -0.36
CH_RES_BVR_FALLS 23983	38.45 -0.23 0.00	36.04 -0.18 0.00	34.84 -0.14 0.00	34.24 -0.10 0.00	34.75 -0.07 0.00	38.07 0.00 0.00	52.10 0.05 0.00	68.18 0.00 0.00	50.71 0.05 0.00	36.90 0.07 0.00	33.17 0.03 0.00	32.09 0.03 0.00	30.27 0.00 0.00	30.24 0.00 0.00	29.83 0.00 0.00	32.01 0.00 0.00	38.34 0.04 0.00	52.12 0.10 0.00	60.35 0.12 0.00	58.77 0.12 0.00	46.82 0.09 0.00	42.72 0.09 0.00	39.56 0.04 0.00	36.32 0.04 0.00
CH_RES_NIAGARA 23895	38.68 0.00 0.00	36.40 0.18 0.00	35.22 0.24 0.00	34.93 0.58 0.00	35.06 0.24 0.00	37.65 -0.42 0.00	51.48 -0.57 0.00	66.27 -1.91 0.00	49.59 -1.06 0.00	36.42 -0.41 0.00	33.20 0.07 0.00	31.67 -0.38 0.00	29.85 -0.42 0.00	29.81 -0.42 0.00	29.41 -0.42 0.00	31.17 -0.83 0.00	36.69 -1.61 0.00	49.31 -2.70 0.00	56.86 -3.37 0.00	54.78 -3.87 0.00	44.16 -2.57 0.00	40.64 -2.00 0.00	38.14 -1.38 0.00	35.56 -0.73 0.00
CH_RES_SYRACUSE 23985	38.49 -0.19 0.00	36.00 -0.22 0.00	34.74 -0.24 0.00	34.18 -0.17 0.00	34.64 -0.17 0.00	37.88 -0.19 0.00	51.94 -0.10 0.00	68.12 -0.07 0.00	50.56 -0.10 0.00	36.61 -0.22 0.00	32.97 -0.16 0.00	31.84 -0.22 0.00	30.09 -0.18 0.00	29.99 -0.24 0.00	29.56 -0.27 0.00	31.69 -0.32 0.00	37.92 -0.38 0.00	51.66 -0.36 0.00	59.93 -0.30 0.00	58.24 -0.41 0.00	46.45 -0.28 0.00	42.39 -0.25 0.00	39.28 -0.24 0.00	36.03 -0.25 0.00
CLINTON_WT_PWR 323605	39.03 0.35 0.00	36.62 0.40 0.00	35.37 0.39 0.00	34.76 0.41 0.00	35.23 0.42 0.00	38.67 0.61 0.00	52.83 0.78 0.00	68.94 0.75 0.00	51.27 0.61 0.00	37.38 0.55 0.00	33.44 0.30 0.00	32.44 0.39 0.00	30.51 0.24 0.00	30.42 0.18 0.00	29.95 0.12 0.00	32.20 0.19 0.00	38.61 0.30 0.00	52.48 0.47 0.00	60.90 0.66 0.00	59.36 0.71 0.00	47.19 0.47 0.00	43.11 0.47 0.00	39.95 0.44 0.00	36.69 0.40 0.00
CLINTON___LFGE 323618	39.45 0.77 0.00	37.09 0.87 0.00	35.82 0.84 0.00	35.21 0.86 0.00	35.69 0.87 0.00	39.28 1.22 0.00	53.61 1.56 0.00	69.75 1.57 0.00	51.87 1.21 0.00	37.89 1.07 0.00	33.84 0.70 0.00	32.86 0.80 0.00	30.85 0.57 0.00	30.66 0.42 0.00	30.22 0.39 0.00	32.49 0.48 0.00	39.07 0.77 0.00	53.11 1.09 0.00	61.67 1.44 0.00	60.23 1.58 0.00	47.80 1.08 0.00	43.66 1.02 0.00	40.54 1.03 0.00	37.19 0.91 0.00
COBBLENY_34_KV_TB1 80064	38.83 0.15 0.00	36.51 0.29 0.00	35.29 0.31 0.00	35.03 0.69 0.00	35.13 0.31 0.00	38.18 0.11 0.00	52.83 0.78 0.00	68.32 0.14 0.00	50.81 0.15 0.00	37.12 0.29 0.00	33.80 0.66 0.00	32.28 0.22 0.00	30.42 0.15 0.00	30.39 0.15 0.00	29.95 0.12 0.00	31.75 -0.26 0.00	37.53 -0.77 0.00	50.77 -1.25 0.00	58.79 -1.45 0.00	56.60 -2.05 0.00	45.37 -1.36 0.00	41.70 -0.94 0.00	38.97 -0.55 0.00	35.92 -0.36 0.00
COFFEEN___115KV_TB3 355620	40.07 1.39 0.00	37.81 1.59 0.00	36.45 1.47 0.00	35.55 1.20 0.00	36.38 1.57 0.00	40.31 2.25 0.00	55.95 3.90 0.00	72.89 4.70 0.00	53.34 2.68 0.00	37.89 1.07 0.00	33.80 0.66 0.00	32.57 0.51 0.00	30.63 0.36 0.00	30.45 0.21 0.00	30.01 0.18 0.00	32.33 0.32 0.00	38.88 0.57 0.00	54.05 2.03 0.00	63.18 2.95 0.00	61.88 3.23 0.00	49.30 2.57 0.00	45.24 2.60 0.00	41.38 1.86 0.00	37.70 1.42 0.00
COLDSPRG_115KV_BK1 355956	39.30 0.62 0.00	36.94 0.72 0.00	35.78 0.80 0.00	35.52 1.17 0.00	35.65 0.84 0.00	38.87 0.80 0.00	54.29 2.24 0.00	70.37 2.18 0.00	51.97 1.32 0.00	37.78 0.96 0.00	34.46 1.33 0.00	32.92 0.87 0.00	31.03 0.76 0.00	30.96 0.73 0.00	30.52 0.69 0.00	32.29 0.29 0.00	38.22 -0.08 0.00	51.96 -0.05 0.00	60.47 0.24 0.00	58.12 -0.53 0.00	46.35 -0.37 0.00	42.55 -0.09 0.00	39.64 0.12 0.00	36.47 0.18 0.00
COLONIE_LFGE___ 323577	39.49 0.81 0.00	36.94 0.72 0.00	35.64 0.66 0.00	34.93 0.58 0.00	35.41 0.59 0.00	38.35 0.69 0.41	52.83 0.78 0.00	67.84 1.23 1.57	51.37 0.71 0.00	36.40 0.52 0.94	32.64 0.50 1.00	31.46 0.48 1.08	29.81 0.48 0.94	30.02 0.54 0.76	29.66 0.60 0.77	32.05 0.70 0.66	39.00 0.96 0.26	53.32 1.30 0.00	61.86 1.63 0.00	60.17 1.52 0.00	47.90 1.17 0.00	43.62 0.98 0.00	40.43 0.91 0.00	36.92 0.84 0.20
COOPERNY_115KV_TB1 80082	39.95 1.28 0.00	37.27 1.05 0.00	35.96 0.98 0.00	35.27 0.93 0.00	35.72 0.91 0.00	39.29 0.95 -0.28	53.19 1.15 0.00	71.09 1.84 -1.07	51.82 1.17 0.00	38.67 0.92 -0.92	35.21 1.09 -0.98	34.18 1.06 -1.06	32.25 1.06 -0.92	32.10 1.12 -0.74	31.78 1.19 -0.75	33.86 1.22 -0.64	39.97 1.42 -0.25	53.58 1.56 0.00	62.04 1.81 0.00	60.41 1.76 0.00	48.08 1.36 0.00	43.88 1.24 0.00	40.74 1.23 0.00	37.65 1.16 -0.20
COPENHAGEN_WT_PWR 323753	39.76 1.08 0.00	37.45 1.23 0.00	36.10 1.12 0.00	35.28 0.93 0.00	36.03 1.22 0.00	39.86 1.79 0.00	55.17 3.12 0.00	71.93 3.75 0.00	52.83 2.18 0.00	37.63 0.81 0.00	33.64 0.50 0.00	32.41 0.35 0.00	30.51 0.24 0.00	30.36 0.12 0.00	29.89 0.06 0.00	32.20 0.19 0.00	38.64 0.34 0.00	53.53 1.51 0.00	62.46 2.23 0.00	61.11 2.46 0.00	48.69 1.96 0.00	44.69 2.05 0.00	40.94 1.42 0.00	37.37 1.09 0.00
CORNELL_____ 23752	39.26 0.58 0.00	36.76 0.54 0.00	35.50 0.52 0.00	34.93 0.58 0.00	35.41 0.59 0.00	38.75 0.69 0.00	53.40 1.35 0.00	69.96 1.77 0.00	51.62 0.96 0.00	37.23 0.41 0.00	33.50 0.36 0.00	32.25 0.19 0.00	30.48 0.21 0.00	30.36 0.12 0.00	29.95 0.12 0.00	32.13 0.13 0.00	38.57 0.27 0.00	52.74 0.73 0.00	61.44 1.20 0.00	59.65 1.00 0.00	47.57 0.84 0.00	43.36 0.72 0.00	40.15 0.63 0.00	36.83 0.54 0.00

CORONA__69_KV_TB1 355595	41.39 2.71 0.00	38.54 2.32 0.00	36.97 1.99 0.00	36.20 1.85 0.00	36.59 1.78 0.00	40.45 1.87 -0.51	52.53 0.68 0.20	69.30 1.43 0.32	51.22 0.91 0.34	40.44 1.84 -1.77	37.40 2.39 -1.88	36.42 2.31 -2.05	34.35 2.30 -1.78	34.05 2.39 -1.43	33.77 2.45 -1.50	36.66 2.59 -2.06	41.20 2.41 -0.49	54.31 2.29 0.00	62.58 2.35 0.00	60.88 2.23 0.00	48.55 1.82 0.00	44.39 1.75 0.00	41.61 2.09 0.00	39.10 2.43 -0.38
CORTLAND__115KV_TB3 80093	38.95 0.27 0.00	36.47 0.25 0.00	35.26 0.28 0.00	34.66 0.31 0.00	35.13 0.31 0.00	38.45 0.38 0.00	52.88 0.83 0.00	69.21 1.02 0.00	51.21 0.56 0.00	37.01 0.18 0.00	33.37 0.23 0.00	32.15 0.10 0.00	30.39 0.12 0.00	30.30 0.06 0.00	29.89 0.06 0.00	32.04 0.03 0.00	38.38 0.08 0.00	52.33 0.31 0.00	60.83 0.60 0.00	59.12 0.47 0.00	47.15 0.42 0.00	42.98 0.34 0.00	39.80 0.28 0.00	36.54 0.25 0.00
COXSACKIE__GT 23611	40.07 1.39 0.00	37.59 1.38 0.00	36.28 1.30 0.00	35.58 1.23 0.00	36.03 1.22 0.00	40.35 2.28 0.00	55.01 2.97 0.00	73.10 4.91 0.00	52.69 2.03 0.00	38.00 1.18 0.00	33.80 0.66 0.00	32.64 0.58 0.00	30.82 0.55 0.00	30.90 0.66 0.00	30.60 0.77 0.00	33.06 1.05 0.00	39.64 1.34 0.00	54.20 2.18 0.00	62.88 2.65 0.00	61.41 2.76 0.00	48.69 1.96 0.00	44.22 1.58 0.00	40.82 1.30 0.00	37.85 1.56 0.00
CPV_VALLEY__CC1 323721	40.23 1.55 0.00	37.52 1.30 0.00	36.17 1.19 0.00	35.45 1.10 0.00	35.83 1.01 0.00	39.54 1.06 -0.41	53.25 1.20 0.00	71.80 2.04 -1.57	51.87 1.21 0.00	39.36 1.18 -1.35	36.00 1.42 -1.43	34.96 1.35 -1.56	33.01 1.39 -1.35	32.81 1.48 -1.09	32.55 1.61 -1.11	34.61 1.66 -0.94	40.55 1.88 -0.37	53.99 1.98 0.00	62.46 2.23 0.00	60.82 2.17 0.00	48.36 1.63 0.00	44.13 1.49 0.00	41.02 1.50 0.00	38.03 1.45 -0.29
CPV_VALLEY__CC2 323722	40.23 1.55 0.00	37.52 1.30 0.00	36.17 1.19 0.00	35.45 1.10 0.00	35.83 1.01 0.00	39.54 1.06 -0.41	53.25 1.20 0.00	71.80 2.04 -1.57	51.87 1.21 0.00	39.36 1.18 -1.35	36.00 1.42 -1.43	34.96 1.35 -1.56	33.01 1.39 -1.35	32.81 1.48 -1.09	32.55 1.61 -1.11	34.61 1.66 -0.94	40.55 1.88 -0.37	53.99 1.98 0.00	62.46 2.23 0.00	60.82 2.17 0.00	48.36 1.63 0.00	44.13 1.49 0.00	41.02 1.50 0.00	38.03 1.45 -0.29
CRESCENT__HYD 24018	39.49 0.81 0.00	36.94 0.72 0.00	35.64 0.66 0.00	34.93 0.58 0.00	35.41 0.59 0.00	38.35 0.69 0.41	52.83 0.78 0.00	67.84 1.23 1.57	51.37 0.71 0.00	36.40 0.52 0.94	32.64 0.50 1.00	31.46 0.48 1.08	29.81 0.48 0.94	30.02 0.54 0.76	29.66 0.60 0.77	32.05 0.70 0.66	39.00 0.96 0.26	53.32 1.30 0.00	61.86 1.63 0.00	60.17 1.52 0.00	47.90 1.17 0.00	43.62 0.98 0.00	40.43 0.91 0.00	36.92 0.84 0.20
CRICKET__VALLEY_CC1 323756	39.53 0.85 0.00	36.90 0.69 0.00	35.51 0.53 0.00	34.79 0.45 0.00	35.20 0.38 0.00	33.76 0.34 4.64	52.10 0.05 0.00	50.78 0.54 17.94	50.86 0.20 0.00	27.50 0.52 9.84	23.49 0.76 10.42	21.49 0.74 11.31	21.26 0.79 9.80	23.21 0.91 7.93	22.84 1.04 8.04	26.26 1.09 6.84	36.80 1.23 2.72	53.06 1.04 0.00	61.25 1.02 0.00	59.71 1.06 0.00	47.47 0.75 0.00	43.36 0.72 0.00	40.27 0.75 0.00	34.87 0.73 2.14
CRICKET__VALLEY_CC2 323757	39.53 0.85 0.00	36.90 0.69 0.00	35.51 0.53 0.00	34.79 0.45 0.00	35.20 0.38 0.00	33.76 0.34 4.64	52.10 0.05 0.00	50.78 0.54 17.94	50.86 0.20 0.00	27.50 0.52 9.84	23.49 0.76 10.42	21.49 0.74 11.31	21.26 0.79 9.80	23.21 0.91 7.93	22.84 1.04 8.04	26.26 1.09 6.84	36.80 1.23 2.72	53.06 1.04 0.00	61.25 1.02 0.00	59.71 1.06 0.00	47.47 0.75 0.00	43.36 0.72 0.00	40.27 0.75 0.00	34.87 0.73 2.14
CRICKET__VALLEY_CC3 323758	39.53 0.85 0.00	36.90 0.69 0.00	35.51 0.53 0.00	34.79 0.45 0.00	35.20 0.38 0.00	33.76 0.34 4.64	52.10 0.05 0.00	50.78 0.54 17.94	50.86 0.20 0.00	27.50 0.52 9.84	23.49 0.76 10.42	21.49 0.74 11.31	21.26 0.79 9.80	23.21 0.91 7.93	22.84 1.04 8.04	26.26 1.09 6.84	36.80 1.23 2.72	53.06 1.04 0.00	61.25 1.02 0.00	59.71 1.06 0.00	47.47 0.75 0.00	43.36 0.72 0.00	40.27 0.75 0.00	34.87 0.73 2.14
CRUCIBLE__METL_DRP 24180	38.45 -0.23 0.00	36.00 -0.22 0.00	34.74 -0.24 0.00	34.18 -0.17 0.00	34.64 -0.17 0.00	37.88 -0.19 0.00	51.94 -0.10 0.00	68.12 -0.07 0.00	50.51 -0.15 0.00	36.60 -0.22 0.00	32.97 -0.17 0.00	31.83 -0.22 0.00	30.09 -0.18 0.00	29.97 -0.27 0.00	29.56 -0.27 0.00	31.69 -0.32 0.00	37.92 -0.38 0.00	51.65 -0.36 0.00	59.93 -0.30 0.00	58.24 -0.41 0.00	46.45 -0.28 0.00	42.38 -0.26 0.00	39.24 -0.28 0.00	36.03 -0.25 0.00
DAHOWA__HYDRO 323763	39.84 1.16 0.00	37.30 1.09 0.00	36.03 1.05 0.00	35.34 1.00 0.00	35.86 1.04 0.00	38.88 1.14 0.33	53.56 1.51 0.00	69.08 2.18 1.28	51.82 1.17 0.00	36.57 0.52 0.77	32.62 0.30 0.82	31.40 0.23 0.89	29.69 0.18 0.77	29.89 0.27 0.62	29.47 0.27 0.63	31.89 0.41 0.54	38.81 0.73 0.21	53.58 1.56 0.00	62.40 2.17 0.00	60.70 2.05 0.00	48.36 1.63 0.00	44.00 1.36 0.00	40.70 1.18 0.00	37.17 1.05 0.17
DANC__LFGE 323619	39.10 0.43 0.00	36.76 0.54 0.00	35.43 0.45 0.00	34.69 0.34 0.00	35.37 0.56 0.00	38.94 0.88 0.00	53.71 1.67 0.00	70.16 1.98 0.00	51.72 1.07 0.00	37.08 0.26 0.00	33.21 0.07 0.00	32.06 0.00 0.00	30.21 -0.06 0.00	30.09 -0.15 0.00	29.62 -0.21 0.00	31.85 -0.16 0.00	38.19 -0.11 0.00	52.54 0.52 0.00	61.19 0.96 0.00	59.71 1.06 0.00	47.57 0.84 0.00	43.66 1.02 0.00	40.15 0.63 0.00	36.69 0.40 0.00
DANSKAMMER__1 23586	40.42 1.74 0.00	37.77 1.56 0.00	36.34 1.36 0.00	35.65 1.30 0.00	36.03 1.22 0.00	39.79 1.30 -0.43	53.61 1.56 0.00	72.37 2.52 -1.66	52.18 1.52 0.00	39.81 1.32 -1.66	36.32 1.42 -1.76	35.34 1.38 -1.91	33.32 1.39 -1.65	33.09 1.51 -1.34	32.86 1.67 -1.36	34.92 1.76 -1.15	40.86 2.11 -0.46	54.41 2.39 0.00	62.82 2.59 0.00	61.29 2.64 0.00	48.69 1.96 0.00	44.39 1.75 0.00	41.18 1.66 0.00	38.24 1.59 -0.36
DANSKAMMER__2 23589	40.42 1.74 0.00	37.77 1.56 0.00	36.34 1.36 0.00	35.65 1.30 0.00	36.03 1.22 0.00	39.79 1.30 -0.43	53.61 1.56 0.00	72.37 2.52 -1.66	52.18 1.52 0.00	39.81 1.32 -1.66	36.32 1.42 -1.76	35.34 1.38 -1.91	33.32 1.39 -1.65	33.09 1.51 -1.34	32.86 1.67 -1.36	34.92 1.76 -1.15	40.86 2.11 -0.46	54.41 2.39 0.00	62.82 2.59 0.00	61.29 2.64 0.00	48.69 1.96 0.00	44.39 1.75 0.00	41.18 1.66 0.00	38.24 1.59 -0.36
DANSKAMMER__3 23590	40.42 1.74 0.00	37.77 1.56 0.00	36.34 1.36 0.00	35.65 1.30 0.00	36.03 1.22 0.00	39.79 1.30 -0.43	53.61 1.56 0.00	72.37 2.52 -1.66	52.18 1.52 0.00	39.81 1.32 -1.66	36.32 1.42 -1.76	35.34 1.38 -1.91	33.32 1.39 -1.65	33.09 1.51 -1.34	32.86 1.67 -1.36	34.92 1.76 -1.15	40.86 2.11 -0.46	54.41 2.39 0.00	62.82 2.59 0.00	61.29 2.64 0.00	48.69 1.96 0.00	44.39 1.75 0.00	41.18 1.66 0.00	38.24 1.59 -0.36

DANSKAMMER___4 23591	40.42 1.74 0.00	37.77 1.56 0.00	36.34 1.36 0.00	35.65 1.30 0.00	36.03 1.22 0.00	39.79 1.30 -0.43	53.61 1.56 0.00	72.37 2.52 -1.66	52.18 1.52 0.00	39.81 1.32 -1.66	36.32 1.42 -1.76	35.34 1.38 -1.91	33.32 1.39 -1.65	33.09 1.51 -1.34	32.86 1.67 -1.36	34.92 1.76 -1.15	40.86 2.11 -0.46	54.41 2.39 0.00	62.82 2.59 0.00	61.29 2.64 0.00	48.69 1.96 0.00	44.39 1.75 0.00	41.18 1.66 0.00	38.24 1.59 -0.36
DANSKAMMER___DIESEL 23592	40.46 1.78 0.00	37.77 1.56 0.00	36.34 1.36 0.00	35.65 1.31 0.00	36.07 1.25 0.00	39.79 1.29 -0.43	53.61 1.56 0.00	72.37 2.52 -1.66	52.28 1.62 0.00	39.81 1.33 -1.66	36.32 1.42 -1.76	35.34 1.38 -1.91	33.32 1.39 -1.65	33.09 1.51 -1.34	32.86 1.67 -1.36	34.92 1.76 -1.15	40.83 2.07 -0.46	54.36 2.34 0.00	62.82 2.59 0.00	61.23 2.58 0.00	48.69 1.96 0.00	44.35 1.71 0.00	41.22 1.70 0.00	38.24 1.60 -0.36
DARBY___SOLAR 323810	39.72 1.04 0.00	37.20 0.98 0.00	35.96 0.98 0.00	35.28 0.93 0.00	35.76 0.94 0.00	38.75 1.03 0.34	53.40 1.35 0.00	68.83 1.98 1.33	51.67 1.01 0.00	36.50 0.48 0.80	32.55 0.26 0.85	31.36 0.23 0.92	29.66 0.18 0.80	29.83 0.24 0.65	29.47 0.30 0.65	31.90 0.45 0.56	38.85 0.77 0.22	53.53 1.51 0.00	62.28 2.05 0.00	60.53 1.88 0.00	48.22 1.49 0.00	43.92 1.28 0.00	40.62 1.10 0.00	37.09 0.98 0.17
DASHVILLE___HYD 23610	40.15 1.47 0.00	37.45 1.23 0.00	36.03 1.05 0.00	35.34 1.00 0.00	35.76 0.94 0.00	39.61 1.26 -0.29	53.09 1.04 0.00	71.74 2.45 -1.10	51.67 1.01 0.00	39.18 1.25 -1.11	35.67 1.36 -1.17	34.64 1.31 -1.27	32.71 1.33 -1.10	32.58 1.45 -0.89	32.32 1.58 -0.90	34.47 1.70 -0.77	40.59 1.99 -0.30	53.73 1.72 0.00	62.04 1.81 0.00	60.53 1.88 0.00	48.08 1.36 0.00	43.88 1.24 0.00	40.82 1.30 0.00	38.04 1.52 -0.23
DELAWARE___LFGE 323621	39.49 0.81 0.00	36.98 0.76 0.00	35.75 0.77 0.00	35.03 0.69 0.00	35.55 0.73 0.00	38.87 0.80 0.00	53.25 1.20 0.00	69.82 1.64 0.00	51.62 0.96 0.00	37.59 0.55 -0.22	34.00 0.63 -0.23	32.92 0.61 -0.25	31.09 0.61 -0.22	31.02 0.60 -0.17	30.60 0.60 -0.18	32.76 0.61 -0.15	39.09 0.73 -0.06	53.11 1.09 0.00	61.50 1.26 0.00	59.94 1.29 0.00	47.76 1.03 0.00	43.62 0.98 0.00	40.39 0.87 0.00	37.13 0.80 -0.05
DERFIELD_115KV_TB7 355931	38.79 0.12 0.00	36.33 0.11 0.00	35.08 0.10 0.00	34.42 0.07 0.00	34.89 0.07 0.00	38.14 0.08 0.00	52.15 0.10 0.00	68.39 0.20 0.00	50.76 0.10 0.00	36.86 0.04 0.00	33.20 0.07 0.00	32.12 0.06 0.00	30.33 0.06 0.00	30.33 0.09 0.00	29.92 0.09 0.00	32.10 0.10 0.00	38.42 0.11 0.00	52.17 0.16 0.00	60.41 0.18 0.00	58.83 0.18 0.00	46.91 0.19 0.00	42.77 0.13 0.00	39.64 0.12 0.00	36.39 0.11 0.00
DOGLEVILLE___HYD 23807	40.61 1.93 0.00	38.10 1.88 0.00	36.80 1.82 0.00	36.10 1.75 0.00	36.63 1.81 0.00	40.16 2.09 0.00	55.07 3.02 0.00	71.93 3.75 0.00	53.29 2.63 0.00	38.63 1.80 0.00	34.89 1.76 0.00	33.72 1.67 0.00	31.82 1.54 0.00	31.75 1.51 0.00	31.32 1.49 0.00	33.57 1.57 0.00	40.18 1.88 0.00	54.62 2.60 0.00	63.24 3.01 0.00	61.64 2.99 0.00	49.16 2.43 0.00	45.03 2.39 0.00	41.73 2.21 0.00	38.32 2.03 0.00
DUNKIRK___115KV_TB_200 55889	39.18 0.50 0.00	36.83 0.62 0.00	35.68 0.70 0.00	35.41 1.06 0.00	35.51 0.70 0.00	38.64 0.57 0.00	53.61 1.56 0.00	69.34 1.16 0.00	51.42 0.76 0.00	37.49 0.66 0.00	34.20 1.06 0.00	32.63 0.58 0.00	30.82 0.54 0.00	30.75 0.51 0.00	30.31 0.48 0.00	32.10 0.10 0.00	37.92 -0.38 0.00	51.39 -0.62 0.00	59.69 -0.54 0.00	57.36 -1.29 0.00	45.89 -0.84 0.00	42.17 -0.47 0.00	39.36 -0.16 0.00	36.29 0.00 0.00
DUNKIRK___1 23563	39.18 0.50 0.00	36.83 0.62 0.00	35.68 0.70 0.00	35.41 1.06 0.00	35.51 0.70 0.00	38.64 0.57 0.00	53.61 1.56 0.00	69.34 1.16 0.00	51.42 0.76 0.00	37.49 0.66 0.00	34.20 1.06 0.00	32.63 0.58 0.00	30.82 0.54 0.00	30.75 0.51 0.00	30.31 0.48 0.00	32.10 0.10 0.00	37.92 -0.38 0.00	51.39 -0.62 0.00	59.69 -0.54 0.00	57.36 -1.29 0.00	45.89 -0.84 0.00	42.17 -0.47 0.00	39.36 -0.16 0.00	36.29 0.00 0.00
DUNKIRK___2 23564	39.18 0.50 0.00	36.83 0.62 0.00	35.68 0.70 0.00	35.41 1.06 0.00	35.51 0.70 0.00	38.64 0.57 0.00	53.61 1.56 0.00	69.34 1.16 0.00	51.42 0.76 0.00	37.49 0.66 0.00	34.20 1.06 0.00	32.63 0.58 0.00	30.82 0.54 0.00	30.75 0.51 0.00	30.31 0.48 0.00	32.10 0.10 0.00	37.92 -0.38 0.00	51.39 -0.62 0.00	59.69 -0.54 0.00	57.36 -1.29 0.00	45.89 -0.84 0.00	42.17 -0.47 0.00	39.36 -0.16 0.00	36.29 0.00 0.00
DUNKIRK___3 23565	38.99 0.31 0.00	36.62 0.40 0.00	35.47 0.49 0.00	35.17 0.82 0.00	35.30 0.49 0.00	38.37 0.30 0.00	53.14 1.09 0.00	68.73 0.55 0.00	51.01 0.35 0.00	37.23 0.41 0.00	33.97 0.83 0.00	32.41 0.35 0.00	30.57 0.30 0.00	30.51 0.27 0.00	30.10 0.27 0.00	31.88 -0.13 0.00	37.69 -0.61 0.00	51.03 -0.99 0.00	59.21 -1.02 0.00	56.95 -1.70 0.00	45.61 -1.12 0.00	41.91 -0.72 0.00	39.12 -0.40 0.00	36.07 -0.22 0.00
DUNKIRK___4 23566	38.99 0.31 0.00	36.62 0.40 0.00	35.47 0.49 0.00	35.17 0.82 0.00	35.30 0.49 0.00	38.37 0.30 0.00	53.14 1.09 0.00	68.73 0.55 0.00	51.01 0.35 0.00	37.23 0.41 0.00	33.97 0.83 0.00	32.41 0.35 0.00	30.57 0.30 0.00	30.51 0.27 0.00	30.10 0.27 0.00	31.88 -0.13 0.00	37.69 -0.61 0.00	51.03 -0.99 0.00	59.21 -1.02 0.00	56.95 -1.70 0.00	45.61 -1.12 0.00	41.91 -0.72 0.00	39.12 -0.40 0.00	36.07 -0.22 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.53 1.86 0.00	37.77 1.56 0.00	36.34 1.36 0.00	35.62 1.27 0.00	36.03 1.22 0.00	39.87 1.29 -0.51	53.30 1.25 0.00	72.41 2.25 -1.98	52.23 1.57 0.00	40.10 1.51 -1.76	36.73 1.72 -1.86	35.75 1.67 -2.02	33.72 1.70 -1.75	33.47 1.81 -1.42	33.21 1.94 -1.44	35.28 2.05 -1.22	41.09 2.30 -0.49	54.31 2.29 0.00	62.70 2.47 0.00	61.11 2.46 0.00	48.64 1.92 0.00	44.39 1.75 0.00	41.30 1.78 0.00	38.34 1.67 -0.38
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.42 1.74 0.00	37.70 1.48 0.00	36.31 1.33 0.00	35.62 1.27 0.00	36.00 1.18 0.00	39.73 1.26 -0.41	53.51 1.46 0.00	72.21 2.45 -1.57	52.18 1.52 0.00	39.59 1.29 -1.48	36.16 1.46 -1.57	35.17 1.41 -1.70	33.17 1.42 -1.47	32.97 1.54 -1.19	32.71 1.67 -1.21	34.79 1.76 -1.03	40.74 2.03 -0.41	54.25 2.24 0.00	62.76 2.53 0.00	61.17 2.52 0.00	48.60 1.87 0.00	44.30 1.66 0.00	41.18 1.66 0.00	38.20 1.60 -0.32
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.05 2.36 -0.01	38.25 2.03 -0.01	36.77 1.78 -0.01	36.07 1.72 -0.01	36.46 1.64 -0.01	40.25 1.67 -0.51	53.19 1.15 0.00	72.13 1.98 -1.97	51.97 1.32 0.00	40.21 1.62 -1.76	36.83 1.82 -1.87	35.88 1.80 -2.03	33.81 1.79 -1.76	33.59 1.94 -1.42	33.36 2.09 -1.44	35.41 2.18 -1.22	41.28 2.49 -0.49	53.93 1.92 0.01	62.21 1.99 0.01	60.58 1.94 0.01	48.41 1.68 0.00	44.26 1.62 0.00	41.61 2.09 0.00	38.85 2.18 -0.39

E179THST_13_KV_LOAD 356214	41.20 2.51 -0.01	38.40 2.17 -0.01	36.91 1.92 -0.01	36.18 1.82 -0.01	36.60 1.78 -0.01	40.37 1.79 -0.51	53.40 1.35 0.00	72.41 2.25 -1.97	52.23 1.57 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.71 2.06 -1.42	33.48 2.21 -1.44	35.57 2.34 -1.22	41.47 2.68 -0.49	54.19 2.18 0.01	62.51 2.29 0.01	60.87 2.23 0.01	48.60 1.87 0.00	44.47 1.83 0.00	41.77 2.25 0.00	39.00 2.32 -0.39
EAST HAMPTON___GT 23717	40.03 1.35 0.00	37.45 1.23 0.00	35.82 0.84 0.00	35.03 0.69 0.00	35.41 0.59 0.00	39.19 0.61 -0.51	48.53 -2.29 1.23	50.11 -2.45 15.62	46.10 -2.08 2.48	38.60 0.00 -1.77	35.81 0.79 -1.88	34.87 0.77 -2.04	32.89 0.85 -1.77	32.54 0.88 -1.43	32.60 1.31 -1.46	34.87 1.57 -1.29	39.94 1.15 -0.49	52.48 0.47 0.00	60.29 0.06 0.00	59.00 0.35 0.00	47.15 0.42 0.00	43.28 0.64 0.00	40.35 0.83 0.00	38.63 1.96 -0.38
EAST RIVER___6 23660	40.65 1.97 0.00	37.99 1.77 0.00	36.52 1.54 0.00	35.79 1.44 0.00	36.17 1.36 0.00	40.02 1.45 -0.51	53.61 1.56 0.00	72.96 2.80 -1.98	52.58 1.92 0.00	40.46 1.88 -1.76	37.06 2.06 -1.86	36.07 1.99 -2.02	34.02 2.00 -1.75	33.77 2.12 -1.42	33.53 2.27 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.77 2.76 0.00	63.00 2.77 0.00	61.41 2.76 0.00	48.92 2.20 0.00	44.64 2.00 0.00	41.53 2.01 0.00	38.55 1.89 -0.38
EAST RIVER___7 23524	40.65 1.97 0.00	37.99 1.77 0.00	36.52 1.54 0.00	35.79 1.44 0.00	36.17 1.36 0.00	40.02 1.45 -0.51	53.61 1.56 0.00	72.96 2.80 -1.98	52.58 1.92 0.00	40.46 1.88 -1.76	37.06 2.06 -1.86	36.07 1.99 -2.02	34.02 2.00 -1.75	33.77 2.12 -1.42	33.53 2.27 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.77 2.76 0.00	63.00 2.77 0.00	61.41 2.76 0.00	48.92 2.20 0.00	44.64 2.00 0.00	41.53 2.01 0.00	38.55 1.89 -0.38
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.46 1.78 0.00	37.74 1.52 0.00	36.31 1.33 0.00	35.58 1.24 0.00	36.00 1.18 0.00	39.78 1.22 -0.49	53.25 1.20 0.00	72.28 2.18 -1.91	52.13 1.47 0.00	39.93 1.44 -1.66	36.56 1.66 -1.76	35.57 1.60 -1.91	33.53 1.60 -1.66	33.30 1.72 -1.34	33.07 1.88 -1.36	35.11 1.95 -1.16	40.94 2.18 -0.46	54.20 2.18 0.00	62.64 2.41 0.00	61.00 2.35 0.00	48.55 1.82 0.00	44.30 1.66 0.00	41.22 1.70 0.00	38.28 1.63 -0.36
EAST_HAMPTON___DIESEL 23722	39.95 1.27 0.00	37.38 1.16 0.00	35.75 0.77 0.00	34.97 0.62 0.00	35.34 0.52 0.00	39.11 0.53 -0.51	48.37 -2.45 1.23	49.91 -2.66 15.62	45.95 -2.23 2.48	38.49 -0.11 -1.77	35.71 0.70 -1.88	34.78 0.67 -2.04	32.80 0.76 -1.77	32.45 0.78 -1.43	32.54 1.25 -1.46	34.77 1.47 -1.29	39.82 1.03 -0.49	52.38 0.37 0.00	60.17 -0.06 0.00	58.88 0.24 0.00	47.06 0.33 0.00	43.19 0.55 0.00	40.27 0.75 0.00	38.59 1.92 -0.38
EAST_POINT___SOLAR 323840	39.88 1.20 0.00	37.34 1.12 0.00	36.07 1.09 0.00	35.41 1.07 0.00	36.00 1.18 0.00	39.41 1.52 0.19	54.49 2.45 0.00	70.40 2.93 0.72	50.30 -0.35 0.00	34.59 -1.80 0.43	30.56 -2.12 0.45	29.48 -2.08 0.49	27.88 -1.97 0.43	27.96 -1.94 0.35	27.48 -2.00 0.35	29.79 -1.92 0.30	36.65 -1.53 0.12	52.85 0.83 0.00	62.70 2.47 0.00	60.88 2.23 0.00	48.60 1.87 0.00	44.39 1.75 0.00	40.82 1.30 0.00	37.21 1.01 0.09
EAST_PULASKI___ESR 323781	38.49 -0.19 0.00	36.07 -0.14 0.00	34.81 -0.17 0.00	34.18 -0.17 0.00	34.71 -0.10 0.00	38.07 0.00 0.00	52.31 0.26 0.00	68.46 0.27 0.00	50.71 0.05 0.00	36.57 -0.26 0.00	32.84 -0.30 0.00	31.71 -0.35 0.00	29.94 -0.33 0.00	29.84 -0.39 0.00	29.38 -0.45 0.00	31.56 -0.45 0.00	37.76 -0.54 0.00	51.60 -0.42 0.00	59.99 -0.24 0.00	58.42 -0.23 0.00	46.59 -0.14 0.00	42.64 0.00 0.00	39.40 -0.12 0.00	36.07 -0.22 0.00
EAST_RIVER___1 323558	40.69 2.01 0.00	37.99 1.77 0.00	36.52 1.54 0.00	35.79 1.44 0.00	36.17 1.36 0.00	40.02 1.45 -0.51	53.56 1.51 0.00	72.82 2.66 -1.98	52.48 1.82 0.00	40.39 1.80 -1.76	36.99 1.99 -1.86	36.00 1.92 -2.02	33.96 1.94 -1.75	33.71 2.06 -1.42	33.47 2.21 -1.44	35.53 2.31 -1.22	41.43 2.64 -0.49	54.62 2.60 0.00	63.00 2.77 0.00	61.35 2.70 0.00	48.88 2.15 0.00	44.64 2.00 0.00	41.49 1.98 0.00	38.55 1.89 -0.38
EAST_RIVER___2 323559	40.65 1.97 0.00	37.99 1.77 0.00	36.52 1.54 0.00	35.79 1.44 0.00	36.17 1.36 0.00	40.02 1.45 -0.51	53.61 1.56 0.00	72.96 2.80 -1.98	52.58 1.92 0.00	40.46 1.88 -1.76	37.06 2.06 -1.86	36.07 1.99 -2.02	34.02 2.00 -1.75	33.77 2.12 -1.42	33.53 2.27 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.77 2.76 0.00	63.00 2.77 0.00	61.41 2.76 0.00	48.92 2.20 0.00	44.64 2.00 0.00	41.53 2.01 0.00	38.55 1.89 -0.38
EAST___DELAWARE_HYD 23607	40.61 1.93 0.00	37.96 1.74 0.00	36.56 1.58 0.00	35.86 1.51 0.00	36.28 1.46 0.00	39.99 1.60 -0.33	54.23 2.19 0.00	72.72 3.27 -1.26	52.63 1.97 0.00	39.49 1.47 -1.19	35.89 1.49 -1.26	34.86 1.44 -1.36	32.91 1.45 -1.18	32.70 1.51 -0.96	32.44 1.64 -0.97	34.59 1.76 -0.82	40.81 2.18 -0.33	54.72 2.70 0.00	63.30 3.07 0.00	61.76 3.11 0.00	49.06 2.34 0.00	44.73 2.09 0.00	41.45 1.94 0.00	38.35 1.81 -0.26
EIGHT_POINT___WT_PWR 323820	38.95 0.27 0.00	36.47 0.26 0.00	35.40 0.42 0.00	35.10 0.75 0.00	35.65 0.83 0.00	38.79 0.72 0.00	53.61 1.56 0.00	69.75 1.57 0.00	51.77 1.11 0.00	37.19 0.37 0.00	33.67 0.53 0.00	32.19 0.13 0.00	30.48 0.21 0.00	30.39 0.15 0.00	29.89 0.06 0.00	31.88 -0.13 0.00	37.96 -0.35 0.00	51.96 -0.05 0.00	60.83 0.60 0.00	58.65 0.00 0.00	46.96 0.23 0.00	42.90 0.26 0.00	40.03 0.51 0.00	36.76 0.47 0.00
ELBRIDGE_115KV_TB2 80188	38.25 -0.43 0.00	35.82 -0.40 0.00	34.60 -0.38 0.00	34.04 -0.31 0.00	34.47 -0.35 0.00	37.69 -0.38 0.00	51.74 -0.31 0.00	67.77 -0.41 0.00	50.25 -0.41 0.00	36.42 -0.41 0.00	32.84 -0.30 0.00	31.67 -0.38 0.00	29.94 -0.33 0.00	29.84 -0.39 0.00	29.41 -0.42 0.00	31.56 -0.45 0.00	37.73 -0.57 0.00	51.39 -0.62 0.00	59.63 -0.60 0.00	57.95 -0.70 0.00	46.21 -0.51 0.00	42.17 -0.47 0.00	39.08 -0.43 0.00	35.85 -0.44 0.00
ELEC_TRO_TEK 24086	41.11 2.44 0.00	38.28 2.06 0.00	36.73 1.75 0.00	35.96 1.61 0.00	36.35 1.53 0.00	40.18 1.60 -0.51	52.10 0.42 0.36	67.06 1.09 2.22	50.74 0.71 0.63	40.22 1.62 -1.77	37.17 2.15 -1.88	36.23 2.12 -2.05	34.14 2.09 -1.78	33.84 2.18 -1.43	33.61 2.30 -1.48	36.09 2.40 -1.69	40.94 2.14 -0.49	53.89 1.87 0.00	62.04 1.81 0.00	60.41 1.76 0.00	48.13 1.40 0.00	44.05 1.41 0.00	41.34 1.82 0.00	38.85 2.18 -0.38
ELLENBURG_WT_PWR 323604	39.03 0.35 0.00	36.62 0.40 0.00	35.37 0.39 0.00	34.76 0.41 0.00	35.23 0.42 0.00	38.67 0.61 0.00	52.83 0.78 0.00	68.94 0.75 0.00	51.27 0.61 0.00	37.38 0.55 0.00	33.44 0.30 0.00	32.44 0.39 0.00	30.51 0.24 0.00	30.42 0.18 0.00	29.95 0.12 0.00	32.20 0.19 0.00	38.61 0.30 0.00	52.48 0.47 0.00	60.90 0.66 0.00	59.36 0.71 0.00	47.19 0.47 0.00	43.11 0.47 0.00	39.95 0.44 0.00	36.69 0.40 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.76 0.08 0.00	36.47 0.25 0.00	35.29 0.31 0.00	35.00 0.65 0.00	35.09 0.28 0.00	38.07 0.00 0.00	52.52 0.47 0.00	67.84 -0.34 0.00	50.56 -0.10 0.00	36.97 0.15 0.00	33.70 0.56 0.00	32.19 0.13 0.00	30.33 0.06 0.00	30.30 0.06 0.00	29.86 0.03 0.00	31.65 -0.35 0.00	37.34 -0.96 0.00	50.46 -1.56 0.00	58.36 -1.87 0.00	56.19 -2.46 0.00	45.09 -1.64 0.00	41.49 -1.15 0.00	38.81 -0.71 0.00	35.81 -0.47 0.00
EMPIRE_CC_1 323656	39.33 0.66 0.00	36.76 0.54 0.00	35.47 0.49 0.00	34.76 0.41 0.00	35.20 0.38 0.00	37.96 0.42 0.53	52.42 0.37 0.00	66.90 0.75 2.04	51.06 0.40 0.00	35.97 0.44 1.30	32.22 0.46 1.38	31.04 0.48 1.50	29.49 0.51 1.30	29.76 0.57 1.05	29.42 0.66 1.06	31.84 0.74 0.91	38.86 0.92 0.36	53.06 1.04 0.00	61.44 1.20 0.00	59.82 1.17 0.00	47.61 0.89 0.00	43.36 0.72 0.00	40.23 0.71 0.00	36.69 0.69 0.28
EMPIRE_CC_2 323658	39.33 0.66 0.00	36.76 0.54 0.00	35.47 0.49 0.00	34.76 0.41 0.00	35.20 0.38 0.00	37.96 0.42 0.53	52.42 0.37 0.00	66.90 0.75 2.04	51.06 0.40 0.00	35.97 0.44 1.30	32.22 0.46 1.38	31.04 0.48 1.50	29.49 0.51 1.30	29.76 0.57 1.05	29.42 0.66 1.06	31.84 0.74 0.91	38.86 0.92 0.36	53.06 1.04 0.00	61.44 1.20 0.00	59.82 1.17 0.00	47.61 0.89 0.00	43.36 0.72 0.00	40.23 0.71 0.00	36.69 0.69 0.28
ENORWICH_115KV_TB1 80156	40.46 1.78 0.00	38.14 1.92 0.00	36.80 1.82 0.00	36.00 1.65 0.00	36.73 1.91 0.00	40.66 2.59 0.00	56.52 4.48 0.00	73.84 5.66 0.00	54.05 3.39 0.00	38.47 1.47 -0.17	34.41 1.09 -0.18	33.12 0.87 -0.19	31.14 0.70 -0.17	30.89 0.51 -0.14	30.44 0.48 -0.14	32.80 0.67 -0.12	39.50 1.15 -0.05	54.98 2.96 0.00	64.27 4.04 0.00	62.64 3.99 0.00	49.90 3.18 0.00	45.54 2.90 0.00	41.89 2.37 0.00	38.32 2.00 -0.04
ERIE_ST__34_KV_TB1-2 80199	38.56 -0.12 0.00	36.25 0.04 0.00	35.08 0.10 0.00	34.79 0.45 0.00	34.92 0.10 0.00	37.95 -0.11 0.00	52.62 0.57 0.00	68.05 -0.14 0.00	50.56 -0.10 0.00	36.90 0.07 0.00	33.64 0.50 0.00	32.12 0.06 0.00	30.27 0.00 0.00	30.24 0.00 0.00	29.80 -0.03 0.00	31.59 -0.42 0.00	37.34 -0.96 0.00	50.61 -1.40 0.00	58.67 -1.57 0.00	56.42 -2.23 0.00	45.19 -1.54 0.00	41.53 -1.11 0.00	38.77 -0.75 0.00	35.74 -0.54 0.00
ERIE_WT_PWR 323693	39.06 0.39 0.00	36.51 0.29 0.00	35.33 0.35 0.00	35.07 0.72 0.00	35.48 0.66 0.00	38.30 0.23 0.00	52.78 0.73 0.00	68.25 0.07 0.00	51.16 0.51 0.00	37.08 0.26 0.00	33.80 0.66 0.00	32.28 0.23 0.00	30.45 0.18 0.00	30.45 0.21 0.00	29.95 0.12 0.00	31.75 -0.26 0.00	37.42 -0.88 0.00	50.56 -1.46 0.00	58.73 -1.50 0.00	56.36 -2.29 0.00	45.33 -1.40 0.00	41.70 -0.94 0.00	39.09 -0.43 0.00	35.96 -0.33 0.00
ESPRGFLD_115KV_TB1 80157	39.26 0.58 0.00	36.76 0.54 0.00	35.54 0.56 0.00	34.83 0.48 0.00	35.41 0.59 0.00	38.80 0.84 0.10	53.56 1.51 0.00	69.70 1.91 0.39	51.06 0.41 0.00	36.21 -0.41 0.21	32.42 -0.50 0.22	31.27 -0.54 0.24	29.52 -0.54 0.21	29.52 -0.54 0.17	29.09 -0.57 0.17	31.35 -0.51 0.15	37.86 -0.38 0.06	52.64 0.62 0.00	61.50 1.26 0.00	59.82 1.17 0.00	47.71 0.98 0.00	43.62 0.98 0.00	40.19 0.67 0.00	36.75 0.51 0.05
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.18 0.50 0.00	36.69 0.47 0.00	35.47 0.49 0.00	34.86 0.52 0.00	35.34 0.52 0.00	38.71 0.65 0.00	53.30 1.25 0.00	69.82 1.64 0.00	51.52 0.86 0.00	37.16 0.33 0.00	33.47 0.33 0.00	32.22 0.16 0.00	30.45 0.18 0.00	30.33 0.09 0.00	29.92 0.09 0.00	32.10 0.10 0.00	38.49 0.19 0.00	52.69 0.68 0.00	61.32 1.08 0.00	59.53 0.88 0.00	47.52 0.79 0.00	43.28 0.64 0.00	40.07 0.55 0.00	36.79 0.51 0.00
ETNA____115KV_TB2 80207	39.18 0.50 0.00	36.69 0.47 0.00	35.47 0.49 0.00	34.86 0.52 0.00	35.34 0.52 0.00	38.71 0.65 0.00	53.30 1.25 0.00	69.82 1.64 0.00	51.52 0.86 0.00	37.16 0.33 0.00	33.47 0.33 0.00	32.22 0.16 0.00	30.45 0.18 0.00	30.33 0.09 0.00	29.92 0.09 0.00	32.10 0.10 0.00	38.49 0.19 0.00	52.69 0.68 0.00	61.32 1.08 0.00	59.53 0.88 0.00	47.52 0.79 0.00	43.28 0.64 0.00	40.07 0.55 0.00	36.79 0.51 0.00
EUCLID____115KV_TB2 356179	38.14 -0.54 0.00	35.67 -0.54 0.00	34.49 -0.49 0.00	33.90 -0.45 0.00	34.33 -0.49 0.00	37.50 -0.57 0.00	51.42 -0.62 0.00	67.37 -0.82 0.00	50.00 -0.66 0.00	36.31 -0.52 0.00	32.71 -0.43 0.00	31.58 -0.48 0.00	29.85 -0.42 0.00	29.78 -0.45 0.00	29.35 -0.48 0.00	31.46 -0.54 0.00	37.65 -0.65 0.00	51.13 -0.88 0.00	59.27 -0.96 0.00	57.65 -1.00 0.00	45.98 -0.75 0.00	42.00 -0.64 0.00	38.89 -0.63 0.00	35.71 -0.58 0.00
E_CANADA_CAP_HY 24051	39.10 0.43 0.00	36.65 0.44 0.00	35.40 0.42 0.00	34.73 0.38 0.00	35.30 0.49 0.00	38.63 0.72 0.16	53.35 1.30 0.00	69.19 1.63 0.63	50.25 -0.41 0.00	35.13 -1.32 0.37	31.22 -1.52 0.39	30.06 -1.57 0.42	28.39 -1.51 0.37	28.46 -1.48 0.30	28.07 -1.46 0.30	30.41 -1.34 0.26	36.97 -1.23 0.10	52.17 0.16 0.00	61.32 1.09 0.00	59.59 0.94 0.00	47.52 0.79 0.00	43.54 0.90 0.00	40.07 0.55 0.00	36.53 0.33 0.08
E_CANADA_MHWK_HY 24050	40.65 1.97 0.00	38.10 1.88 0.00	36.80 1.82 0.00	36.10 1.75 0.00	36.66 1.84 0.00	40.16 2.09 0.00	55.07 3.02 0.00	71.93 3.75 0.00	53.29 2.63 0.00	38.63 1.80 0.00	34.89 1.76 0.00	33.72 1.67 0.00	31.81 1.54 0.00	31.75 1.51 0.00	31.32 1.49 0.00	33.57 1.57 0.00	40.18 1.88 0.00	54.62 2.60 0.00	63.24 3.01 0.00	61.64 2.99 0.00	49.16 2.43 0.00	45.03 2.39 0.00	41.73 2.21 0.00	38.32 2.03 0.00
E_FISHKILL__LBMP 23776	40.03 1.35 0.00	37.34 1.12 0.00	35.96 0.98 0.00	35.24 0.89 0.00	35.65 0.84 0.00	39.62 0.88 -0.68	52.78 0.73 0.00	72.24 1.43 -2.63	51.62 0.96 0.00	40.58 1.03 -2.72	37.24 1.23 -2.88	36.37 1.19 -3.12	34.22 1.24 -2.71	33.76 1.33 -2.19	33.51 1.46 -2.22	35.43 1.54 -1.89	40.78 1.72 -0.75	53.63 1.61 0.00	61.98 1.75 0.00	60.35 1.70 0.00	48.04 1.31 0.00	43.83 1.19 0.00	40.82 1.30 0.00	38.11 1.23 -0.59
FALCON__SEABRD_CC1 323796	39.29 0.62 0.00	36.94 0.72 0.00	35.68 0.70 0.00	35.07 0.72 0.00	35.51 0.70 0.00	39.10 1.03 0.00	53.09 1.04 0.00	69.14 0.95 0.00	51.42 0.76 0.00	37.78 0.96 0.00	33.77 0.63 0.00	32.76 0.70 0.00	30.75 0.48 0.00	30.60 0.36 0.00	30.16 0.33 0.00	32.39 0.39 0.00	38.95 0.65 0.00	52.64 0.63 0.00	61.14 0.90 0.00	59.65 1.00 0.00	47.33 0.61 0.00	43.32 0.68 0.00	40.35 0.83 0.00	37.01 0.73 0.00
FALCON__SEABRD_CC2 323797	39.29 0.62 0.00	36.94 0.72 0.00	35.68 0.70 0.00	35.07 0.72 0.00	35.51 0.70 0.00	39.10 1.03 0.00	53.09 1.04 0.00	69.14 0.95 0.00	51.42 0.76 0.00	37.78 0.96 0.00	33.77 0.63 0.00	32.76 0.70 0.00	30.75 0.48 0.00	30.60 0.36 0.00	30.16 0.33 0.00	32.39 0.39 0.00	38.95 0.65 0.00	52.64 0.63 0.00	61.14 0.90 0.00	59.65 1.00 0.00	47.33 0.61 0.00	43.32 0.68 0.00	40.35 0.83 0.00	37.01 0.73 0.00

FAR ROCKAWAY___4 23548	41.66 2.98 0.00	38.83 2.61 0.00	37.22 2.24 0.00	36.41 2.06 0.00	36.80 1.98 0.00	40.67 2.09 -0.51	52.83 0.99 0.20	70.16 1.84 -0.13	51.58 1.22 0.30	40.70 2.10 -1.77	37.63 2.62 -1.88	36.67 2.56 -2.05	34.59 2.54 -1.78	34.27 2.60 -1.43	34.01 2.68 -1.50	36.91 2.82 -2.09	41.51 2.72 -0.49	54.72 2.70 0.00	63.06 2.83 0.00	61.35 2.70 0.00	48.88 2.15 0.00	44.69 2.05 0.00	41.93 2.41 0.00	39.36 2.69 -0.38
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.77 2.09 0.00	37.99 1.77 0.00	36.52 1.54 0.00	35.79 1.44 0.00	36.21 1.39 0.00	40.06 1.48 -0.51	53.56 1.51 0.00	72.75 2.59 -1.98	52.53 1.87 0.00	40.39 1.80 -1.76	36.99 1.99 -1.86	36.00 1.92 -2.02	33.93 1.91 -1.75	33.68 2.03 -1.42	33.44 2.18 -1.44	35.53 2.30 -1.22	41.39 2.60 -0.49	54.57 2.55 0.00	62.94 2.71 0.00	61.29 2.64 0.00	48.83 2.10 0.00	44.56 1.92 0.00	41.53 2.02 0.00	38.55 1.89 -0.38
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.77 2.09 0.00	37.99 1.77 0.00	36.52 1.54 0.00	35.79 1.44 0.00	36.21 1.39 0.00	40.06 1.48 -0.51	53.56 1.51 0.00	72.75 2.59 -1.98	52.53 1.87 0.00	40.39 1.80 -1.76	36.99 1.99 -1.86	36.00 1.92 -2.02	33.93 1.91 -1.75	33.68 2.03 -1.42	33.44 2.18 -1.44	35.53 2.30 -1.22	41.39 2.60 -0.49	54.57 2.55 0.00	62.94 2.71 0.00	61.29 2.64 0.00	48.83 2.10 0.00	44.56 1.92 0.00	41.53 2.02 0.00	38.59 1.92 -0.38
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.77 2.09 0.00	37.96 1.74 0.00	36.48 1.50 0.00	35.79 1.44 0.00	36.21 1.39 0.00	40.03 1.45 -0.51	53.51 1.46 0.00	72.75 2.59 -1.98	52.53 1.87 0.00	40.35 1.77 -1.76	36.96 1.96 -1.86	35.97 1.89 -2.02	33.93 1.91 -1.75	33.68 2.03 -1.42	33.44 2.18 -1.44	35.50 2.27 -1.22	41.35 2.57 -0.49	54.51 2.50 0.00	62.88 2.65 0.00	61.23 2.58 0.00	48.83 2.10 0.00	44.56 1.92 0.00	41.49 1.98 0.00	38.55 1.89 -0.38
FARRAGUT___LBMP 323566	40.73 2.05 0.00	37.96 1.74 0.00	36.48 1.50 0.00	35.76 1.41 0.00	36.17 1.36 0.00	40.03 1.45 -0.51	53.51 1.46 0.00	72.68 2.52 -1.98	52.48 1.82 0.00	40.32 1.73 -1.76	36.92 1.92 -1.86	35.94 1.86 -2.02	33.90 1.88 -1.75	33.65 2.00 -1.42	33.42 2.15 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	54.51 2.50 0.00	62.88 2.65 0.00	61.23 2.58 0.00	48.78 2.06 0.00	44.52 1.88 0.00	41.49 1.98 0.00	38.52 1.85 -0.38
FENNER___WINDPWR 24204	39.29 0.62 0.00	36.83 0.62 0.00	35.57 0.59 0.00	34.90 0.55 0.00	35.44 0.63 0.00	38.90 0.84 0.00	53.50 1.46 0.00	70.03 1.84 0.00	51.77 1.11 0.00	37.30 0.48 0.00	33.54 0.40 0.00	32.38 0.32 0.00	30.57 0.30 0.00	30.48 0.24 0.00	30.04 0.21 0.00	32.26 0.25 0.00	38.64 0.34 0.00	52.90 0.88 0.00	61.44 1.20 0.00	59.82 1.17 0.00	47.66 0.93 0.00	43.54 0.90 0.00	40.19 0.67 0.00	36.83 0.55 0.00
FIBERTEK___ENERGY 23856	38.45 -0.23 0.00	36.00 -0.22 0.00	34.74 -0.24 0.00	34.18 -0.17 0.00	34.64 -0.17 0.00	37.88 -0.19 0.00	51.94 -0.10 0.00	68.12 -0.07 0.00	50.51 -0.15 0.00	36.60 -0.22 0.00	32.97 -0.17 0.00	31.83 -0.22 0.00	30.09 -0.18 0.00	29.97 -0.27 0.00	29.56 -0.27 0.00	31.69 -0.32 0.00	37.92 -0.38 0.00	51.65 -0.36 0.00	59.93 -0.30 0.00	58.24 -0.41 0.00	46.45 -0.28 0.00	42.38 -0.26 0.00	39.24 -0.28 0.00	36.03 -0.25 0.00
FITZPATRICK___ 23598	37.60 -1.08 0.00	35.20 -1.01 0.00	34.00 -0.98 0.00	33.42 -0.93 0.00	33.88 -0.94 0.00	37.00 -1.07 0.00	50.69 -1.35 0.00	66.41 -1.77 0.00	49.29 -1.37 0.00	35.79 -1.03 0.00	32.25 -0.89 0.00	31.16 -0.90 0.00	29.42 -0.85 0.00	29.36 -0.88 0.00	28.96 -0.87 0.00	31.05 -0.96 0.00	37.11 -1.19 0.00	50.46 -1.56 0.00	58.48 -1.75 0.00	56.89 -1.76 0.00	45.37 -1.36 0.00	41.40 -1.24 0.00	38.37 -1.15 0.00	35.23 -1.05 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.50 1.82 0.00	37.81 1.59 0.00	36.38 1.40 0.00	35.69 1.34 0.00	36.10 1.29 0.00	39.85 1.33 -0.45	53.66 1.61 0.00	72.52 2.59 -1.74	52.33 1.67 0.00	39.91 1.33 -1.76	36.42 1.42 -1.86	35.46 1.38 -2.02	33.44 1.42 -1.75	33.20 1.54 -1.42	32.94 1.67 -1.44	34.99 1.76 -1.22	40.89 2.11 -0.48	54.41 2.39 0.00	62.88 2.65 0.00	61.35 2.70 0.00	48.74 2.01 0.00	44.39 1.75 0.00	41.26 1.74 0.00	38.30 1.63 -0.38
FORT ORANGE___ 23900	38.95 0.27 0.00	36.54 0.33 0.00	35.29 0.31 0.00	34.59 0.24 0.00	35.06 0.25 0.00	37.84 0.04 0.27	51.79 -0.26 0.00	67.15 0.00 1.04	50.51 -0.15 0.00	36.18 0.00 0.65	32.49 0.03 0.68	31.38 0.06 0.74	29.72 0.09 0.64	29.90 0.18 0.52	29.51 0.21 0.53	31.84 0.29 0.45	38.60 0.46 0.16	52.54 0.52 0.00	60.90 0.66 0.00	59.30 0.65 0.00	47.19 0.47 0.00	42.98 0.34 0.00	39.83 0.31 0.00	36.60 0.44 0.13
FORT_DRUM_COGEN 23780	39.88 1.20 0.00	37.63 1.41 0.00	36.27 1.29 0.00	35.41 1.06 0.00	36.17 1.36 0.00	40.05 1.98 0.00	55.48 3.44 0.00	72.34 4.16 0.00	53.09 2.43 0.00	37.78 0.96 0.00	33.74 0.60 0.00	32.51 0.45 0.00	30.60 0.33 0.00	30.42 0.18 0.00	29.95 0.12 0.00	32.26 0.26 0.00	38.76 0.46 0.00	53.79 1.77 0.00	62.76 2.53 0.00	61.47 2.82 0.00	48.92 2.20 0.00	44.94 2.30 0.00	41.14 1.62 0.00	37.52 1.23 0.00
FOX_HILLS___ESR 323835	41.16 2.48 -0.01	38.33 2.10 -0.01	36.88 1.89 -0.01	36.18 1.82 -0.01	36.60 1.78 -0.01	40.41 1.83 -0.51	53.04 0.99 0.00	71.86 1.70 -1.97	51.82 1.17 0.00	40.43 1.84 -1.76	37.03 2.02 -1.87	36.04 1.96 -2.03	33.99 1.97 -1.76	33.78 2.12 -1.42	33.57 2.30 -1.44	35.66 2.43 -1.22	41.58 2.80 -0.49	53.99 1.98 0.01	62.51 2.29 0.01	60.87 2.23 0.01	48.41 1.68 0.00	44.43 1.79 0.00	41.77 2.25 0.00	39.00 2.32 -0.39
FPL_FAR_ROCK_GT1 24212	41.42 2.75 0.00	38.83 2.61 0.00	37.22 2.24 0.00	36.41 2.06 0.00	36.80 1.98 0.00	40.63 2.05 -0.51	52.83 0.99 0.20	70.16 1.84 -0.13	51.47 1.11 0.30	40.70 2.10 -1.77	37.63 2.62 -1.88	36.67 2.57 -2.05	34.56 2.51 -1.78	34.27 2.60 -1.43	34.01 2.69 -1.50	36.91 2.82 -2.09	41.59 2.79 -0.49	54.82 2.81 0.00	63.06 2.83 0.00	61.41 2.76 0.00	48.88 2.15 0.00	44.73 2.09 0.00	41.65 2.13 0.00	39.32 2.65 -0.38
FPL_FAR_ROCK_GT2 23815	41.42 2.75 0.00	38.83 2.61 0.00	37.22 2.24 0.00	36.41 2.06 0.00	36.80 1.98 0.00	40.63 2.05 -0.51	52.83 0.99 0.20	70.16 1.84 -0.13	51.47 1.11 0.30	40.70 2.10 -1.77	37.63 2.62 -1.88	36.67 2.57 -2.05	34.56 2.51 -1.78	34.27 2.60 -1.43	34.01 2.69 -1.50	36.91 2.82 -2.09	41.59 2.79 -0.49	54.82 2.81 0.00	63.06 2.83 0.00	61.41 2.76 0.00	48.88 2.15 0.00	44.73 2.09 0.00	41.65 2.13 0.00	39.32 2.65 -0.38
FRANKLIN_FALL_HYD 24054	39.61 0.93 0.00	37.27 1.05 0.00	35.96 0.98 0.00	35.31 0.96 0.00	35.93 1.11 0.00	39.48 1.41 0.00	54.18 2.13 0.00	70.50 2.32 0.00	52.33 1.67 0.00	38.04 1.22 0.00	33.93 0.80 0.00	32.96 0.90 0.00	30.94 0.67 0.00	30.75 0.51 0.00	30.31 0.48 0.00	32.58 0.58 0.00	39.18 0.88 0.00	53.53 1.51 0.00	62.10 1.87 0.00	60.64 1.99 0.00	48.27 1.54 0.00	44.13 1.49 0.00	40.70 1.19 0.00	37.34 1.05 0.00



FREEPORT_EQUS_GT1 23764	41.08 2.40 0.00	38.50 2.28 0.00	36.90 1.92 0.00	36.10 1.75 0.00	36.45 1.64 0.00	40.25 1.67 -0.51	51.62 0.41 0.84	61.73 1.16 7.61	49.79 0.56 1.43	40.33 1.73 -1.77	37.33 2.32 -1.88	36.35 2.24 -2.05	34.26 2.21 -1.78	33.96 2.30 -1.43	33.75 2.45 -1.47	36.21 2.59 -1.61	41.20 2.41 -0.49	54.15 2.13 0.00	62.28 2.05 0.00	60.64 2.00 0.00	48.32 1.59 0.00	44.17 1.53 0.00	41.22 1.70 0.00	39.03 2.36 -0.38
FREEPORT___CT2 23818	41.08 2.40 0.00	38.50 2.28 0.00	36.90 1.92 0.00	36.10 1.75 0.00	36.45 1.64 0.00	40.25 1.67 -0.51	51.62 0.41 0.84	61.73 1.16 7.61	49.79 0.56 1.43	40.33 1.73 -1.77	37.33 2.32 -1.88	36.35 2.24 -2.05	34.26 2.21 -1.78	33.96 2.30 -1.43	33.75 2.45 -1.47	36.21 2.59 -1.61	41.20 2.41 -0.49	54.15 2.13 0.00	62.28 2.05 0.00	60.64 2.00 0.00	48.32 1.59 0.00	44.17 1.53 0.00	41.22 1.70 0.00	39.03 2.36 -0.38
FRESHKLS_33_KV_LOAD 356253	41.35 2.67 -0.01	38.54 2.32 -0.01	37.09 2.10 -0.01	36.35 1.99 -0.01	36.77 1.95 -0.01	40.60 2.02 -0.51	53.09 1.04 0.00	71.93 1.77 -1.97	51.77 1.11 0.00	40.58 1.99 -1.76	37.13 2.12 -1.87	36.14 2.05 -2.03	34.09 2.06 -1.76	33.90 2.24 -1.42	33.66 2.39 -1.44	35.79 2.56 -1.22	41.74 2.95 -0.49	54.04 2.03 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.46 1.73 0.00	44.52 1.88 0.00	41.97 2.45 0.00	39.22 2.54 -0.39
FULTON COGEN____ 23766	38.06 -0.62 0.00	35.64 -0.58 0.00	34.42 -0.56 0.00	33.83 -0.52 0.00	34.29 -0.52 0.00	37.50 -0.57 0.00	51.37 -0.68 0.00	67.37 -0.82 0.00	49.95 -0.71 0.00	36.24 -0.59 0.00	32.64 -0.50 0.00	31.51 -0.54 0.00	29.76 -0.51 0.00	29.69 -0.54 0.00	29.26 -0.57 0.00	31.40 -0.61 0.00	37.57 -0.73 0.00	51.13 -0.88 0.00	59.27 -0.96 0.00	57.65 -1.00 0.00	45.98 -0.75 0.00	41.96 -0.68 0.00	38.89 -0.63 0.00	35.67 -0.62 0.00
FULTON___LFGE 323630	39.76 1.08 0.00	37.23 1.01 0.00	35.96 0.98 0.00	35.31 0.96 0.00	35.86 1.04 0.00	39.21 1.33 0.19	54.13 2.08 0.00	70.10 2.66 0.74	51.01 0.36 0.00	35.57 -0.81 0.44	31.48 -1.19 0.47	30.23 -1.32 0.51	28.53 -1.30 0.44	28.67 -1.21 0.36	28.30 -1.16 0.36	30.77 -0.93 0.31	37.68 -0.50 0.12	53.21 1.20 0.00	62.46 2.23 0.00	60.65 2.00 0.00	48.36 1.63 0.00	44.17 1.53 0.00	40.70 1.18 0.00	37.13 0.94 0.10
G.F.CEMENT___DRP 24184	39.84 1.16 0.00	37.34 1.12 0.00	36.06 1.08 0.00	35.41 1.06 0.00	35.93 1.11 0.00	38.94 1.18 0.31	53.66 1.61 0.00	69.38 2.39 1.19	51.87 1.22 0.00	36.58 0.48 0.72	32.57 0.20 0.76	31.36 0.13 0.83	29.61 0.06 0.72	29.81 0.15 0.58	29.39 0.15 0.59	31.83 0.32 0.50	38.72 0.61 0.20	53.63 1.61 0.00	62.52 2.29 0.00	60.64 1.99 0.00	48.36 1.64 0.00	44.00 1.36 0.00	40.67 1.15 0.00	37.15 1.02 0.16
GARDENVILLE___LBMP 24039	38.76 0.08 0.00	36.43 0.22 0.00	35.26 0.28 0.00	34.97 0.62 0.00	35.09 0.28 0.00	38.10 0.04 0.00	52.62 0.57 0.00	67.98 -0.20 0.00	50.56 -0.10 0.00	36.94 0.11 0.00	33.67 0.53 0.00	32.12 0.06 0.00	30.30 0.03 0.00	30.24 0.00 0.00	29.83 0.00 0.00	31.62 -0.38 0.00	37.38 -0.92 0.00	50.56 -1.46 0.00	58.61 -1.63 0.00	56.42 -2.23 0.00	45.23 -1.50 0.00	41.57 -1.07 0.00	38.89 -0.63 0.00	35.89 -0.40 0.00
GARDNVLA_35_KV_LD 355827	38.95 0.27 0.00	36.62 0.40 0.00	35.43 0.45 0.00	35.14 0.79 0.00	35.27 0.45 0.00	38.30 0.23 0.00	52.93 0.88 0.00	68.39 0.20 0.00	50.91 0.25 0.00	37.23 0.41 0.00	33.90 0.76 0.00	32.38 0.32 0.00	30.54 0.27 0.00	30.48 0.24 0.00	30.07 0.24 0.00	31.88 -0.13 0.00	37.65 -0.65 0.00	50.92 -1.09 0.00	58.91 -1.33 0.00	56.71 -1.94 0.00	45.47 -1.26 0.00	41.83 -0.81 0.00	39.08 -0.43 0.00	36.03 -0.25 0.00
GELCKHM___115KV_LOAD 80723	38.25 -0.43 0.00	35.82 -0.40 0.00	34.60 -0.38 0.00	34.00 -0.34 0.00	34.43 -0.38 0.00	37.65 -0.42 0.00	51.63 -0.42 0.00	67.71 -0.48 0.00	50.20 -0.46 0.00	36.42 -0.41 0.00	32.81 -0.33 0.00	31.67 -0.38 0.00	29.94 -0.33 0.00	29.84 -0.39 0.00	29.44 -0.39 0.00	31.56 -0.45 0.00	37.76 -0.54 0.00	51.34 -0.68 0.00	59.51 -0.72 0.00	57.89 -0.76 0.00	46.17 -0.56 0.00	42.13 -0.51 0.00	39.04 -0.47 0.00	35.81 -0.47 0.00
GENERAL___MILLS 23808	38.83 0.15 0.00	36.51 0.29 0.00	35.33 0.35 0.00	35.03 0.69 0.00	35.16 0.35 0.00	38.18 0.11 0.00	52.78 0.73 0.00	68.18 0.00 0.00	50.71 0.05 0.00	37.08 0.26 0.00	33.77 0.63 0.00	32.25 0.19 0.00	30.42 0.15 0.00	30.36 0.12 0.00	29.95 0.12 0.00	31.75 -0.26 0.00	37.46 -0.84 0.00	50.66 -1.35 0.00	58.67 -1.57 0.00	56.48 -2.17 0.00	45.28 -1.45 0.00	41.66 -0.98 0.00	38.93 -0.59 0.00	35.92 -0.36 0.00
GE_PLASTICS___DRP 24183	38.99 0.31 0.00	36.51 0.29 0.00	35.26 0.28 0.00	34.59 0.24 0.00	35.02 0.21 0.00	38.08 0.19 0.18	52.05 0.00 0.00	67.77 0.27 0.68	50.76 0.10 0.00	36.55 0.15 0.43	32.89 0.20 0.45	31.79 0.22 0.49	30.09 0.24 0.42	30.23 0.33 0.34	29.84 0.36 0.35	32.13 0.42 0.30	38.64 0.46 0.12	52.48 0.47 0.00	60.71 0.48 0.00	59.12 0.47 0.00	47.10 0.37 0.00	42.94 0.30 0.00	39.84 0.32 0.00	36.55 0.36 0.09
GILBOA___1 23756	39.33 0.66 0.00	36.76 0.54 0.00	35.61 0.63 0.00	34.93 0.58 0.00	35.37 0.56 0.00	38.61 0.46 -0.09	52.46 0.41 0.00	69.20 0.68 -0.33	51.11 0.45 0.00	37.51 0.44 -0.24	33.95 0.56 -0.25	32.97 0.64 -0.27	31.17 0.67 -0.24	31.15 0.72 -0.19	30.68 0.66 -0.20	32.88 0.70 -0.17	39.17 0.81 -0.07	52.85 0.83 0.00	60.90 0.66 0.00	59.41 0.76 0.00	47.43 0.70 0.00	43.28 0.64 0.00	40.15 0.63 0.00	36.95 0.62 -0.05
GILBOA___2 23757	39.33 0.66 0.00	36.76 0.54 0.00	35.61 0.63 0.00	34.93 0.58 0.00	35.37 0.56 0.00	38.61 0.46 -0.09	52.46 0.41 0.00	69.20 0.68 -0.33	51.11 0.45 0.00	37.51 0.44 -0.24	33.95 0.56 -0.25	32.97 0.64 -0.27	31.17 0.67 -0.24	31.15 0.72 -0.19	30.68 0.66 -0.20	32.88 0.70 -0.17	39.17 0.81 -0.07	52.85 0.83 0.00	60.90 0.66 0.00	59.41 0.76 0.00	47.43 0.70 0.00	43.28 0.64 0.00	40.15 0.63 0.00	36.95 0.62 -0.05
GILBOA___3 23758	39.33 0.66 0.00	36.76 0.54 0.00	35.61 0.63 0.00	34.93 0.58 0.00	35.37 0.56 0.00	38.61 0.46 -0.09	52.46 0.41 0.00	69.20 0.68 -0.33	51.11 0.45 0.00	37.51 0.44 -0.24	33.95 0.56 -0.25	32.97 0.64 -0.27	31.17 0.67 -0.24	31.15 0.72 -0.19	30.68 0.66 -0.20	32.88 0.70 -0.17	39.17 0.81 -0.07	52.85 0.83 0.00	60.90 0.66 0.00	59.41 0.76 0.00	47.43 0.70 0.00	43.28 0.64 0.00	40.15 0.63 0.00	36.95 0.62 -0.05
GILBOA___4 23759	39.33 0.66 0.00	36.76 0.54 0.00	35.61 0.63 0.00	34.93 0.58 0.00	35.37 0.56 0.00	38.61 0.46 -0.09	52.46 0.41 0.00	69.20 0.68 -0.33	51.11 0.45 0.00	37.51 0.44 -0.24	33.95 0.56 -0.25	32.97 0.64 -0.27	31.17 0.67 -0.24	31.15 0.72 -0.19	30.68 0.66 -0.20	32.88 0.70 -0.17	39.17 0.81 -0.07	52.85 0.83 0.00	60.90 0.66 0.00	59.41 0.76 0.00	47.43 0.70 0.00	43.28 0.64 0.00	40.15 0.63 0.00	36.95 0.62 -0.05

GILBOA____ 23599	39.34 0.66 0.00	36.76 0.54 0.00	35.61 0.63 0.00	34.93 0.58 0.00	35.37 0.56 0.00	38.61 0.46 -0.09	52.46 0.42 0.00	69.20 0.68 -0.33	51.16 0.51 0.00	37.51 0.44 -0.24	33.96 0.56 -0.25	32.97 0.64 -0.27	31.18 0.67 -0.24	31.16 0.73 -0.19	30.68 0.66 -0.20	32.88 0.70 -0.17	39.17 0.80 -0.07	52.85 0.83 0.00	60.89 0.66 0.00	59.41 0.76 0.00	47.43 0.70 0.00	43.28 0.64 0.00	40.15 0.63 0.00	36.95 0.62 -0.05
GINNA____ 23603	36.90 -1.78 0.00	34.52 -1.70 0.00	33.37 -1.61 0.00	32.84 -1.51 0.00	33.35 -1.46 0.00	36.39 -1.67 0.00	49.91 -2.14 0.00	65.32 -2.86 0.00	48.63 -2.03 0.00	35.28 -1.55 0.00	31.75 -1.39 0.00	30.55 -1.51 0.00	28.79 -1.48 0.00	28.54 -1.69 0.00	28.04 -1.79 0.00	30.25 -1.76 0.00	35.96 -2.34 0.00	49.21 -2.81 0.00	56.98 -3.25 0.00	55.19 -3.46 0.00	44.11 -2.62 0.00	40.34 -2.30 0.00	37.42 -2.10 0.00	34.22 -2.07 0.00
GLEN PARK____ 23778	40.07 1.39 0.00	37.77 1.56 0.00	36.41 1.43 0.00	35.52 1.17 0.00	36.35 1.53 0.00	40.27 2.21 0.00	55.85 3.80 0.00	72.75 4.57 0.00	53.29 2.63 0.00	37.85 1.03 0.00	33.80 0.66 0.00	32.57 0.51 0.00	30.64 0.36 0.00	30.45 0.21 0.00	29.98 0.15 0.00	32.33 0.32 0.00	38.84 0.54 0.00	53.99 1.98 0.00	63.12 2.89 0.00	61.76 3.11 0.00	49.20 2.47 0.00	45.20 2.56 0.00	41.34 1.82 0.00	37.66 1.38 0.00
GLENDALE_27_KV_LOAD 356172	41.05 2.36 -0.01	38.25 2.03 -0.01	36.77 1.78 -0.01	36.04 1.68 -0.01	36.46 1.64 -0.01	40.25 1.67 -0.51	53.40 1.35 0.00	72.54 2.39 -1.97	52.43 1.77 0.00	40.50 1.91 -1.76	37.09 2.09 -1.87	36.14 2.05 -2.03	34.06 2.03 -1.76	33.84 2.18 -1.42	33.60 2.33 -1.44	35.66 2.43 -1.22	41.58 2.80 -0.49	54.40 2.39 0.01	62.81 2.59 0.01	61.16 2.52 0.01	48.83 2.10 0.00	44.60 1.96 0.00	41.73 2.21 0.00	38.82 2.14 -0.39
GLENWOOD_IC_1_G5 23712	41.04 2.36 0.00	38.21 1.99 0.00	36.69 1.71 0.00	35.96 1.61 0.00	36.35 1.53 0.00	40.18 1.60 -0.51	52.31 0.94 0.67	65.91 1.84 4.12	50.90 1.22 0.97	40.33 1.73 -1.77	37.17 2.15 -1.88	36.19 2.08 -2.05	34.11 2.06 -1.78	33.81 2.15 -1.43	33.60 2.30 -1.48	35.99 2.43 -1.55	41.17 2.37 -0.49	54.31 2.29 0.00	62.64 2.41 0.00	60.94 2.29 0.00	48.55 1.82 0.00	44.35 1.71 0.00	41.49 1.98 0.00	38.81 2.14 -0.38
GLENWOOD_IC_2_G1 23688	40.65 1.97 0.00	37.99 1.77 0.00	36.52 1.54 0.00	35.79 1.44 0.00	36.14 1.32 0.00	39.99 1.41 -0.51	52.98 0.94 0.01	71.96 1.84 -1.93	51.81 1.17 0.01	40.18 1.58 -1.77	36.94 1.92 -1.88	35.95 1.86 -2.04	33.88 1.85 -1.77	33.63 1.96 -1.43	33.37 2.09 -1.45	35.45 2.21 -1.24	41.09 2.30 -0.49	54.20 2.18 0.00	62.46 2.23 0.00	60.88 2.23 0.00	48.46 1.73 0.00	44.30 1.66 0.00	41.22 1.70 0.00	38.56 1.89 -0.38
GLENWOOD_IC_3_G1 23689	40.65 1.97 0.00	37.99 1.77 0.00	36.52 1.54 0.00	35.79 1.44 0.00	36.14 1.32 0.00	39.99 1.41 -0.51	52.98 0.94 0.01	71.96 1.84 -1.93	51.81 1.17 0.01	40.18 1.58 -1.77	36.94 1.92 -1.88	35.95 1.86 -2.04	33.88 1.85 -1.77	33.63 1.96 -1.43	33.37 2.09 -1.45	35.45 2.21 -1.24	41.09 2.30 -0.49	54.20 2.18 0.00	62.46 2.23 0.00	60.88 2.23 0.00	48.46 1.73 0.00	44.30 1.66 0.00	41.22 1.70 0.00	38.56 1.89 -0.38
GLENWOOD____4 23550	41.04 2.36 0.00	38.21 1.99 0.00	36.69 1.71 0.00	35.96 1.61 0.00	36.35 1.53 0.00	40.18 1.60 -0.51	52.31 0.94 0.67	65.91 1.84 4.12	50.90 1.22 0.97	40.33 1.73 -1.77	37.17 2.15 -1.88	36.19 2.08 -2.05	34.11 2.06 -1.78	33.81 2.15 -1.43	33.60 2.30 -1.48	35.99 2.43 -1.55	41.17 2.37 -0.49	54.31 2.29 0.00	62.64 2.41 0.00	60.94 2.29 0.00	48.55 1.82 0.00	44.35 1.71 0.00	41.49 1.98 0.00	38.81 2.14 -0.38
GLENWOOD____5 23614	41.04 2.36 0.00	38.21 1.99 0.00	36.69 1.71 0.00	35.96 1.61 0.00	36.35 1.53 0.00	40.18 1.60 -0.51	52.31 0.94 0.67	65.91 1.84 4.12	50.90 1.22 0.97	40.33 1.73 -1.77	37.17 2.15 -1.88	36.19 2.08 -2.05	34.11 2.06 -1.78	33.81 2.15 -1.43	33.60 2.30 -1.48	35.99 2.43 -1.55	41.17 2.37 -0.49	54.31 2.29 0.00	62.64 2.41 0.00	60.94 2.29 0.00	48.55 1.82 0.00	44.35 1.71 0.00	41.49 1.98 0.00	38.81 2.14 -0.38
GLOBAL GREEN_PORT_GT1 23814	40.38 1.70 0.00	37.77 1.56 0.00	36.13 1.15 0.00	35.34 1.00 0.00	35.72 0.90 0.00	39.53 0.95 -0.51	49.15 -1.67 1.23	50.93 -1.64 15.62	46.70 -1.47 2.48	39.04 0.44 -1.77	36.24 1.23 -1.88	35.25 1.15 -2.04	33.26 1.21 -1.77	32.91 1.24 -1.43	32.96 1.67 -1.46	35.19 1.89 -1.29	40.28 1.49 -0.49	52.95 0.94 0.00	60.77 0.54 0.00	59.41 0.76 0.00	47.47 0.75 0.00	43.58 0.94 0.00	40.62 1.10 0.00	38.85 2.18 -0.38
GLOBE____DSASP 323697	38.64 -0.04 0.00	36.36 0.14 0.00	35.19 0.21 0.00	34.90 0.55 0.00	35.02 0.21 0.00	37.57 -0.49 0.00	51.37 -0.68 0.00	66.14 -2.05 0.00	49.49 -1.17 0.00	36.35 -0.48 0.00	33.14 0.00 0.00	31.61 -0.45 0.00	29.79 -0.48 0.00	29.75 -0.48 0.00	29.35 -0.48 0.00	31.11 -0.90 0.00	36.62 -1.69 0.00	49.21 -2.81 0.00	56.74 -3.49 0.00	54.66 -3.99 0.00	44.06 -2.66 0.00	40.55 -2.09 0.00	38.06 -1.46 0.00	35.52 -0.76 0.00
GOETHSLN____LBMP 323567	40.53 1.86 0.00	37.77 1.56 0.00	36.27 1.29 0.00	35.58 1.24 0.00	36.00 1.18 0.00	39.80 1.22 -0.51	53.25 1.20 0.00	72.41 2.25 -1.98	52.28 1.62 0.00	40.21 1.62 -1.76	36.82 1.82 -1.86	35.81 1.73 -2.02	33.81 1.79 -1.75	33.56 1.90 -1.42	33.33 2.06 -1.44	35.37 2.14 -1.22	41.20 2.41 -0.49	54.25 2.24 0.00	62.58 2.35 0.00	60.94 2.29 0.00	48.60 1.87 0.00	44.35 1.71 0.00	41.30 1.78 0.00	38.34 1.67 -0.38
GOLAH____69_KV_TB 1_2 80279	39.03 0.35 0.00	36.62 0.40 0.00	35.40 0.42 0.00	34.90 0.55 0.00	35.23 0.42 0.00	38.49 0.42 0.00	52.83 0.78 0.00	68.73 0.55 0.00	51.01 0.35 0.00	37.16 0.33 0.00	33.57 0.43 0.00	32.22 0.16 0.00	30.33 0.06 0.00	30.33 0.09 0.00	29.80 -0.03 0.00	31.78 -0.22 0.00	37.69 -0.61 0.00	51.34 -0.68 0.00	59.45 -0.78 0.00	57.65 -1.00 0.00	46.12 -0.61 0.00	42.26 -0.38 0.00	39.28 -0.24 0.00	36.10 -0.18 0.00
GOODYEAR_LAKE_HYD 323669	39.57 0.89 0.00	37.09 0.87 0.00	35.82 0.84 0.00	35.10 0.76 0.00	35.65 0.84 0.00	39.06 0.99 0.00	53.71 1.67 0.00	70.30 2.11 0.00	51.82 1.17 0.00	37.34 0.52 0.00	33.64 0.50 0.00	32.51 0.45 0.00	30.73 0.45 0.00	30.66 0.42 0.00	30.22 0.39 0.00	32.45 0.45 0.00	38.88 0.57 0.00	53.26 1.25 0.00	61.80 1.57 0.00	60.23 1.58 0.00	47.99 1.26 0.00	43.83 1.19 0.00	40.51 0.99 0.00	37.12 0.83 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.99 0.31 0.00	36.47 0.25 0.00	35.29 0.31 0.00	34.76 0.41 0.00	35.13 0.31 0.00	38.37 0.30 0.00	52.78 0.73 0.00	69.00 0.82 0.00	51.01 0.35 0.00	37.19 0.18 -0.18	33.70 0.36 -0.19	32.46 0.19 -0.21	30.69 0.24 -0.18	30.57 0.18 -0.15	30.16 0.18 -0.15	32.20 0.06 -0.13	38.35 0.00 -0.05	52.12 0.10 0.00	60.53 0.30 0.00	58.71 0.06 0.00	46.87 0.14 0.00	42.77 0.13 0.00	39.72 0.20 0.00	36.58 0.25 -0.04

GOUDEY___7 23579	38.99 0.31 0.00	36.47 0.25 0.00	35.29 0.31 0.00	34.76 0.41 0.00	35.13 0.31 0.00	38.37 0.30 0.00	52.78 0.73 0.00	69.00 0.82 0.00	51.01 0.35 0.00	37.19 0.18 -0.18	33.70 0.36 -0.19	32.46 0.19 -0.21	30.69 0.24 -0.18	30.57 0.18 -0.15	30.16 0.18 -0.15	32.20 0.06 -0.13	38.35 0.00 -0.05	52.12 0.10 0.00	60.53 0.30 0.00	58.71 0.06 0.00	46.87 0.14 0.00	42.77 0.13 0.00	39.72 0.20 0.00	36.58 0.25 -0.04
GOUDEY___8 23580	38.99 0.31 0.00	36.47 0.25 0.00	35.29 0.31 0.00	34.76 0.41 0.00	35.13 0.31 0.00	38.37 0.30 0.00	52.78 0.73 0.00	69.00 0.82 0.00	51.01 0.35 0.00	37.19 0.18 -0.18	33.70 0.36 -0.19	32.46 0.19 -0.21	30.69 0.24 -0.18	30.57 0.18 -0.15	30.16 0.18 -0.15	32.20 0.06 -0.13	38.35 0.00 -0.05	52.12 0.10 0.00	60.53 0.30 0.00	58.71 0.06 0.00	46.87 0.14 0.00	42.77 0.13 0.00	39.72 0.20 0.00	36.58 0.25 -0.04
GOWANUS_GT1_1 24077	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GOWANUS_GT1_2 24078	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GOWANUS_GT1_3 24079	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GOWANUS_GT1_4 24080	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GOWANUS_GT1_5 24084	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GOWANUS_GT1_6 24111	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GOWANUS_GT1_7 24112	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GOWANUS_GT1_8 24113	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GOWANUS_GT2_1 24114	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
GOWANUS_GT2_2 24115	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
GOWANUS_GT2_3 24116	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
GOWANUS_GT2_4 24117	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
GOWANUS_GT2_5 24118	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39

GOWANUS_GT2_6 24119	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
GOWANUS_GT2_7 24120	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
GOWANUS_GT2_8 24121	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
GOWANUS_GT3_1 24122	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
GOWANUS_GT3_2 24123	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
GOWANUS_GT3_3 24124	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
GOWANUS_GT3_4 24125	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
GOWANUS_GT3_5 24126	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
GOWANUS_GT3_6 24127	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
GOWANUS_GT3_7 24128	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
GOWANUS_GT3_8 24129	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
GOWANUS_GT4_1 24130	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GOWANUS_GT4_2 24131	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GOWANUS_GT4_3 24132	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GOWANUS_GT4_4 24133	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39

GOWANUS_GT4_5 24134	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GOWANUS_GT4_6 24135	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GOWANUS_GT4_7 24136	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GOWANUS_GT4_8 24137	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GREATVR_69_KV_BK1 356245	41.50 2.82 0.00	38.61 2.39 0.00	36.94 1.96 0.00	36.13 1.79 0.00	36.56 1.74 0.00	40.45 1.87 -0.51	50.72 0.21 1.54	53.55 0.61 15.25	48.44 0.35 2.57	40.22 1.62 -1.77	37.27 2.25 -1.88	36.25 2.15 -2.05	34.16 2.12 -1.77	33.84 2.18 -1.43	33.77 2.48 -1.46	35.73 2.40 -1.32	40.90 2.11 -0.49	53.68 1.66 0.00	61.68 1.45 0.00	60.06 1.41 0.00	47.94 1.21 0.00	43.96 1.32 0.00	41.57 2.05 0.00	39.21 2.54 -0.38
GREENBSH_115KV_TB3 55895	38.83 0.15 0.00	36.36 0.14 0.00	35.12 0.14 0.00	34.42 0.07 0.00	34.89 0.07 0.00	37.80 0.00 0.27	51.74 -0.31 0.00	67.01 -0.14 1.04	50.51 -0.15 0.00	36.14 -0.04 0.65	32.49 0.03 0.68	31.38 0.06 0.74	29.72 0.09 0.64	29.90 0.18 0.52	29.54 0.24 0.53	31.85 0.29 0.45	38.43 0.31 0.18	52.28 0.26 0.00	60.53 0.30 0.00	58.94 0.29 0.00	46.96 0.23 0.00	42.77 0.13 0.00	39.68 0.16 0.00	36.40 0.25 0.14
GREENDGE_115KV_TB5 80291	39.03 0.35 0.00	36.58 0.36 0.00	35.40 0.42 0.00	34.93 0.58 0.00	35.34 0.52 0.00	38.64 0.57 0.00	53.04 0.99 0.00	69.34 1.16 0.00	51.21 0.56 0.00	37.19 0.37 0.00	33.57 0.43 0.00	32.22 0.16 0.00	30.42 0.15 0.00	30.30 0.06 0.00	29.86 0.03 0.00	31.94 -0.06 0.00	38.22 -0.08 0.00	51.96 -0.05 0.00	60.59 0.36 0.00	58.65 0.00 0.00	46.82 0.09 0.00	42.64 0.00 0.00	39.84 0.32 0.00	36.58 0.29 0.00
GREENIDGE___3 23582	39.03 0.35 0.00	36.58 0.36 0.00	35.40 0.42 0.00	34.93 0.58 0.00	35.34 0.52 0.00	38.64 0.57 0.00	53.04 0.99 0.00	69.34 1.16 0.00	51.21 0.56 0.00	37.19 0.37 0.00	33.57 0.43 0.00	32.22 0.16 0.00	30.42 0.15 0.00	30.30 0.06 0.00	29.86 0.03 0.00	31.94 -0.06 0.00	38.22 -0.08 0.00	51.96 -0.05 0.00	60.59 0.36 0.00	58.65 0.00 0.00	46.82 0.09 0.00	42.64 0.00 0.00	39.84 0.32 0.00	36.58 0.29 0.00
GREENIDGE___4 23583	39.14 0.47 0.00	36.58 0.36 0.00	35.40 0.42 0.00	34.93 0.58 0.00	35.44 0.63 0.00	38.67 0.61 0.00	53.09 1.04 0.00	69.34 1.16 0.00	51.37 0.71 0.00	37.19 0.37 0.00	33.57 0.43 0.00	32.22 0.16 0.00	30.45 0.18 0.00	30.33 0.09 0.00	29.86 0.03 0.00	31.94 -0.06 0.00	38.19 -0.11 0.00	51.91 -0.10 0.00	60.59 0.36 0.00	58.59 -0.06 0.00	46.77 0.05 0.00	42.64 0.00 0.00	39.87 0.35 0.00	36.57 0.29 0.00
GREENLWN_69_KV_BK 3 55738	40.88 2.20 0.00	38.14 1.92 0.00	36.52 1.54 0.00	35.76 1.41 0.00	36.14 1.32 0.00	39.95 1.37 -0.51	47.00 -0.94 4.11	48.39 -0.61 19.18	45.98 -0.56 4.12	39.96 1.36 -1.77	37.00 1.99 -1.88	36.03 1.92 -2.04	33.98 1.94 -1.77	33.69 2.03 -1.43	33.47 2.18 -1.46	35.66 2.34 -1.31	40.13 1.34 -0.49	52.64 0.62 0.00	60.59 0.36 0.00	59.00 0.35 0.00	47.05 0.33 0.00	43.02 0.38 0.00	40.70 1.19 0.00	38.67 2.00 -0.38
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39
GRISSOM___SOLAR 323813	39.80 1.12 0.00	37.30 1.09 0.00	36.00 1.02 0.00	35.34 1.00 0.00	35.90 1.08 0.00	39.20 1.33 0.20	54.08 2.03 0.00	70.08 2.66 0.76	51.11 0.45 0.00	35.67 -0.70 0.46	31.56 -1.09 0.49	30.28 -1.25 0.53	28.55 -1.27 0.46	28.69 -1.18 0.37	28.38 -1.07 0.37	30.89 -0.80 0.32	37.87 -0.31 0.13	53.37 1.35 0.00	62.46 2.23 0.00	60.70 2.05 0.00	48.41 1.68 0.00	44.17 1.53 0.00	40.75 1.23 0.00	37.17 0.98 0.10
GROVEVILLE___HYD 323602	40.50 1.82 0.00	37.81 1.59 0.00	36.38 1.40 0.00	35.69 1.34 0.00	36.10 1.29 0.00	39.85 1.33 -0.45	53.66 1.61 0.00	72.52 2.59 -1.74	52.33 1.67 0.00	39.91 1.33 -1.76	36.42 1.42 -1.86	35.46 1.38 -2.02	33.44 1.42 -1.75	33.20 1.54 -1.42	32.94 1.67 -1.44	34.99 1.76 -1.22	40.89 2.11 -0.48	54.41 2.39 0.00	62.88 2.65 0.00	61.35 2.70 0.00	48.74 2.01 0.00	44.39 1.75 0.00	41.26 1.74 0.00	38.30 1.63 -0.38
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.45 -0.23 0.00	36.00 -0.22 0.00	34.74 -0.24 0.00	34.18 -0.17 0.00	34.64 -0.17 0.00	37.88 -0.19 0.00	51.94 -0.10 0.00	68.12 -0.07 0.00	50.51 -0.15 0.00	36.60 -0.22 0.00	32.97 -0.17 0.00	31.83 -0.22 0.00	30.09 -0.18 0.00	29.97 -0.27 0.00	29.56 -0.27 0.00	31.69 -0.32 0.00	37.92 -0.38 0.00	51.65 -0.36 0.00	59.93 -0.30 0.00	58.24 -0.41 0.00	46.45 -0.28 0.00	42.38 -0.26 0.00	39.24 -0.28 0.00	36.03 -0.25 0.00
HAMLTNNY_34_KV_TB 80303	38.52 -0.15 0.00	36.07 -0.14 0.00	34.84 -0.14 0.00	34.28 -0.07 0.00	34.71 -0.10 0.00	37.99 -0.08 0.00	52.15 0.10 0.00	68.32 0.14 0.00	50.61 -0.05 0.00	36.68 -0.15 0.00	33.04 -0.10 0.00	31.87 -0.19 0.00	30.12 -0.15 0.00	30.03 -0.21 0.00	29.59 -0.24 0.00	31.72 -0.29 0.00	37.96 -0.34 0.00	51.76 -0.26 0.00	60.05 -0.18 0.00	58.30 -0.35 0.00	46.54 -0.19 0.00	42.43 -0.21 0.00	39.32 -0.20 0.00	36.07 -0.22 0.00

HAMPSHIRE___PAPER_HYD 323593	39.60 0.93 0.00	37.27 1.05 0.00	35.96 0.98 0.00	35.21 0.86 0.00	35.86 1.04 0.00	39.55 1.48 0.00	54.39 2.34 0.00	70.77 2.59 0.00	52.23 1.57 0.00	37.67 0.85 0.00	33.64 0.50 0.00	32.54 0.48 0.00	30.57 0.30 0.00	30.42 0.18 0.00	29.98 0.15 0.00	32.26 0.25 0.00	38.68 0.38 0.00	53.16 1.14 0.00	61.67 1.44 0.00	60.29 1.64 0.00	48.13 1.40 0.00	44.26 1.62 0.00	40.70 1.18 0.00	37.23 0.94 0.00
HARDSCRABBLE_WT_PWR 323673	40.18 1.51 0.00	37.70 1.49 0.00	36.38 1.40 0.00	35.69 1.34 0.00	36.24 1.43 0.00	39.70 1.64 0.00	54.44 2.40 0.00	71.11 2.93 0.00	52.73 2.08 0.00	38.26 1.43 0.00	34.53 1.39 0.00	33.37 1.31 0.00	31.48 1.21 0.00	31.42 1.18 0.00	30.99 1.16 0.00	33.22 1.22 0.00	39.76 1.46 0.00	54.04 2.03 0.00	62.58 2.35 0.00	61.00 2.35 0.00	48.64 1.92 0.00	44.56 1.92 0.00	41.30 1.78 0.00	37.92 1.63 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.50 1.82 0.00	37.77 1.56 0.00	36.38 1.40 0.00	35.65 1.31 0.00	36.07 1.25 0.00	39.82 1.33 -0.42	53.66 1.61 0.00	72.41 2.59 -1.63	52.33 1.67 0.00	39.62 1.40 -1.40	36.18 1.56 -1.48	35.17 1.51 -1.61	33.21 1.54 -1.39	33.00 1.63 -1.13	32.76 1.79 -1.14	34.83 1.86 -0.97	40.87 2.18 -0.39	54.46 2.44 0.00	63.00 2.77 0.00	61.35 2.70 0.00	48.74 2.01 0.00	44.43 1.79 0.00	41.30 1.78 0.00	38.26 1.67 -0.30
HARSNRAD_115KV_TB1 81005	38.60 -0.08 0.00	36.29 0.07 0.00	35.12 0.14 0.00	34.83 0.48 0.00	34.92 0.10 0.00	37.88 -0.19 0.00	52.10 0.05 0.00	67.23 -0.95 0.00	50.15 -0.51 0.00	36.75 -0.07 0.00	33.47 0.33 0.00	31.93 -0.13 0.00	30.09 -0.18 0.00	30.09 -0.15 0.00	29.65 -0.18 0.00	31.43 -0.58 0.00	37.04 -1.26 0.00	50.04 -1.98 0.00	57.76 -2.47 0.00	55.66 -2.99 0.00	44.76 -1.96 0.00	41.19 -1.45 0.00	38.57 -0.95 0.00	35.60 -0.69 0.00
HARZA MOOSE___RIVER 24016	39.57 0.89 0.00	37.20 0.98 0.00	35.89 0.91 0.00	35.10 0.76 0.00	35.79 0.97 0.00	39.44 1.37 0.00	54.34 2.29 0.00	70.91 2.73 0.00	52.28 1.62 0.00	37.56 0.74 0.00	33.64 0.50 0.00	32.47 0.42 0.00	30.60 0.33 0.00	30.51 0.27 0.00	30.07 0.24 0.00	32.33 0.32 0.00	38.80 0.50 0.00	53.37 1.35 0.00	62.04 1.81 0.00	60.59 1.94 0.00	48.27 1.54 0.00	44.17 1.54 0.00	40.63 1.11 0.00	37.16 0.87 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.21 -0.46 0.00	35.78 -0.43 0.00	34.56 -0.42 0.00	33.97 -0.38 0.00	34.43 -0.38 0.00	37.57 -0.49 0.00	51.58 -0.47 0.00	67.57 -0.61 0.00	50.10 -0.56 0.00	36.42 -0.41 0.00	32.81 -0.33 0.00	31.67 -0.38 0.00	29.94 -0.33 0.00	29.84 -0.39 0.00	29.41 -0.42 0.00	31.56 -0.45 0.00	37.73 -0.57 0.00	51.29 -0.73 0.00	59.45 -0.78 0.00	57.77 -0.88 0.00	46.12 -0.61 0.00	42.09 -0.55 0.00	39.01 -0.51 0.00	35.81 -0.47 0.00
HELLGATE_13_KV_LD 55870	41.12 2.44 -0.01	38.33 2.10 -0.01	36.84 1.85 -0.01	36.11 1.75 -0.01	36.53 1.71 -0.01	40.33 1.75 -0.51	53.40 1.35 0.00	72.47 2.32 -1.97	52.38 1.72 0.00	40.54 1.95 -1.76	37.13 2.12 -1.87	36.14 2.05 -2.03	34.09 2.06 -1.76	33.84 2.18 -1.42	33.60 2.33 -1.44	35.70 2.46 -1.22	41.62 2.83 -0.49	54.35 2.34 0.01	62.69 2.47 0.01	61.05 2.40 0.01	48.78 2.06 0.00	44.60 1.96 0.00	41.77 2.25 0.00	38.89 2.21 -0.39
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.12 2.44 -0.01	38.33 2.10 -0.01	36.84 1.85 -0.01	36.11 1.75 -0.01	36.53 1.71 -0.01	40.33 1.75 -0.51	53.40 1.35 0.00	72.47 2.32 -1.97	52.38 1.72 0.00	40.54 1.95 -1.76	37.13 2.12 -1.87	36.14 2.05 -2.03	34.09 2.06 -1.76	33.84 2.18 -1.42	33.60 2.33 -1.44	35.70 2.46 -1.22	41.62 2.83 -0.49	54.35 2.34 0.01	62.69 2.47 0.01	61.05 2.40 0.01	48.78 2.06 0.00	44.60 1.96 0.00	41.77 2.25 0.00	38.89 2.21 -0.39
HEMPSTEAD____ 23647	40.77 2.09 0.00	38.17 1.95 0.00	36.62 1.64 0.00	35.86 1.51 0.00	36.21 1.39 0.00	39.99 1.41 -0.51	51.60 0.31 0.76	62.37 0.95 6.77	49.87 0.51 1.30	40.11 1.51 -1.77	37.10 2.09 -1.88	36.13 2.02 -2.05	34.05 2.00 -1.78	33.75 2.08 -1.43	33.54 2.24 -1.47	35.93 2.37 -1.56	40.97 2.18 -0.49	53.89 1.87 0.00	61.98 1.75 0.00	60.35 1.70 0.00	48.08 1.36 0.00	43.96 1.32 0.00	40.98 1.46 0.00	38.74 2.07 -0.38
HICKLING___1 23621	39.06 0.39 0.00	36.58 0.36 0.00	35.43 0.45 0.00	35.03 0.69 0.00	35.34 0.52 0.00	38.56 0.49 0.00	53.35 1.30 0.00	69.48 1.30 0.00	51.26 0.61 0.00	37.12 0.29 0.00	33.67 0.53 0.00	32.28 0.22 0.00	30.54 0.27 0.00	30.42 0.18 0.00	29.95 0.12 0.00	31.94 -0.06 0.00	38.07 -0.23 0.00	51.91 -0.10 0.00	60.59 0.36 0.00	58.53 -0.12 0.00	46.73 0.00 0.00	42.64 0.00 0.00	39.68 0.16 0.00	36.58 0.29 0.00
HICKLING___2 23622	39.06 0.39 0.00	36.58 0.36 0.00	35.43 0.45 0.00	35.03 0.69 0.00	35.34 0.52 0.00	38.56 0.49 0.00	53.35 1.30 0.00	69.48 1.30 0.00	51.26 0.61 0.00	37.12 0.29 0.00	33.67 0.53 0.00	32.28 0.22 0.00	30.54 0.27 0.00	30.42 0.18 0.00	29.95 0.12 0.00	31.94 -0.06 0.00	38.07 -0.23 0.00	51.91 -0.10 0.00	60.59 0.36 0.00	58.53 -0.12 0.00	46.73 0.00 0.00	42.64 0.00 0.00	39.68 0.16 0.00	36.58 0.29 0.00
HIGH FALLS___HY 23754	40.84 2.17 0.00	38.06 1.85 0.00	36.62 1.64 0.00	35.93 1.58 0.00	36.35 1.53 0.00	40.01 1.64 -0.31	54.18 2.13 0.00	72.64 3.27 -1.18	52.78 2.13 0.00	39.57 1.58 -1.17	36.06 1.69 -1.23	35.00 1.60 -1.34	33.07 1.63 -1.16	32.90 1.72 -0.94	32.66 1.88 -0.95	34.80 1.98 -0.81	41.03 2.41 -0.32	54.93 2.91 0.00	63.42 3.19 0.00	61.93 3.28 0.00	49.16 2.43 0.00	44.77 2.13 0.00	41.61 2.09 0.00	38.46 1.92 -0.25
HIGH_RIVER___SOLAR 323847	39.65 0.97 0.00	37.12 0.91 0.00	35.85 0.87 0.00	35.21 0.86 0.00	35.76 0.94 0.00	39.01 1.14 0.20	53.76 1.72 0.00	69.52 2.12 0.78	50.71 0.05 0.00	35.76 -0.59 0.47	31.84 -0.80 0.50	30.68 -0.83 0.55	28.98 -0.82 0.47	29.10 -0.75 0.38	28.73 -0.72 0.39	31.10 -0.58 0.33	37.83 -0.35 0.13	53.00 0.99 0.00	62.16 1.93 0.00	60.41 1.76 0.00	48.18 1.45 0.00	43.96 1.32 0.00	40.59 1.07 0.00	37.05 0.87 0.10
HILLBURN___GT 23639	40.38 1.70 0.00	37.67 1.45 0.00	36.28 1.30 0.00	35.58 1.23 0.00	35.96 1.15 0.00	39.72 1.22 -0.43	53.40 1.35 0.00	72.25 2.39 -1.68	52.07 1.42 0.00	39.66 1.40 -1.43	36.28 1.62 -1.52	35.27 1.57 -1.64	33.30 1.60 -1.43	33.08 1.69 -1.15	32.82 1.82 -1.17	34.89 1.89 -0.99	40.88 2.18 -0.40	54.30 2.29 0.00	62.82 2.59 0.00	61.11 2.46 0.00	48.60 1.87 0.00	44.35 1.71 0.00	41.22 1.70 0.00	38.23 1.63 -0.31
HILLSIDE_115KV_TB1 80332	38.60 -0.08 0.00	36.11 -0.11 0.00	35.01 0.03 0.00	34.59 0.24 0.00	34.89 0.07 0.00	38.03 -0.04 0.00	52.57 0.52 0.00	68.46 0.27 0.00	50.51 -0.15 0.00	36.60 -0.22 0.00	33.30 0.17 0.00	31.93 -0.13 0.00	30.21 -0.06 0.00	30.12 -0.12 0.00	29.68 -0.15 0.00	31.62 -0.38 0.00	37.69 -0.61 0.00	51.24 -0.78 0.00	59.81 -0.42 0.00	57.77 -0.88 0.00	46.12 -0.61 0.00	42.09 -0.55 0.00	39.16 -0.36 0.00	36.14 -0.15 0.00

HISHELDN_WT_PWR 323625	38.87 0.19 0.00	36.36 0.15 0.00	35.23 0.25 0.00	34.93 0.58 0.00	35.37 0.56 0.00	38.22 0.15 0.00	52.67 0.63 0.00	68.18 0.00 0.00	50.96 0.31 0.00	36.83 0.00 0.00	33.50 0.37 0.00	31.99 -0.06 0.00	30.21 -0.06 0.00	30.21 -0.03 0.00	29.71 -0.12 0.00	31.56 -0.45 0.00	37.27 -1.03 0.00	50.56 -1.46 0.00	58.85 -1.38 0.00	56.60 -2.05 0.00	45.47 -1.26 0.00	41.74 -0.90 0.00	39.09 -0.43 0.00	35.99 -0.29 0.00
HOLTSVILLE_IC_1 23690	40.61 1.93 0.00	38.03 1.81 0.00	36.41 1.43 0.00	35.58 1.23 0.00	35.96 1.15 0.00	39.76 1.18 -0.51	49.85 -1.04 1.16	51.73 -0.89 15.57	47.45 -0.76 2.45	39.70 1.10 -1.77	36.77 1.76 -1.88	35.80 1.70 -2.04	33.74 1.69 -1.77	33.42 1.75 -1.43	33.32 2.03 -1.46	35.51 2.21 -1.29	40.44 1.65 -0.49	52.90 0.88 0.00	60.47 0.24 0.00	58.88 0.24 0.00	47.15 0.42 0.00	43.32 0.68 0.00	40.54 1.03 0.00	38.70 2.03 -0.38
HOLTSVILLE_IC_10 23699	40.77 2.09 0.00	38.17 1.95 0.00	36.52 1.54 0.00	35.72 1.38 0.00	36.10 1.29 0.00	39.91 1.33 -0.51	49.78 -0.83 1.43	51.82 -0.61 15.75	47.52 -0.56 2.58	39.85 1.25 -1.77	36.90 1.89 -1.88	35.93 1.83 -2.04	33.86 1.82 -1.77	33.54 1.88 -1.43	33.44 2.15 -1.46	35.64 2.34 -1.30	40.63 1.84 -0.49	53.11 1.09 0.00	60.71 0.48 0.00	59.11 0.47 0.00	47.33 0.61 0.00	43.54 0.90 0.00	40.75 1.23 0.00	38.85 2.18 -0.38
HOLTSVILLE_IC_2 23691	40.61 1.93 0.00	38.03 1.81 0.00	36.41 1.43 0.00	35.58 1.23 0.00	35.96 1.15 0.00	39.76 1.18 -0.51	49.85 -1.04 1.16	51.73 -0.89 15.57	47.45 -0.76 2.45	39.70 1.10 -1.77	36.77 1.76 -1.88	35.80 1.70 -2.04	33.74 1.69 -1.77	33.42 1.75 -1.43	33.32 2.03 -1.46	35.51 2.21 -1.29	40.44 1.65 -0.49	52.90 0.88 0.00	60.47 0.24 0.00	58.88 0.24 0.00	47.15 0.42 0.00	43.32 0.68 0.00	40.54 1.03 0.00	38.70 2.03 -0.38
HOLTSVILLE_IC_3 23692	40.61 1.93 0.00	38.03 1.81 0.00	36.41 1.43 0.00	35.58 1.23 0.00	35.96 1.15 0.00	39.76 1.18 -0.51	49.85 -1.04 1.16	51.73 -0.89 15.57	47.45 -0.76 2.45	39.70 1.10 -1.77	36.77 1.76 -1.88	35.80 1.70 -2.04	33.74 1.69 -1.77	33.42 1.75 -1.43	33.32 2.03 -1.46	35.51 2.21 -1.29	40.44 1.65 -0.49	52.90 0.88 0.00	60.47 0.24 0.00	58.88 0.24 0.00	47.15 0.42 0.00	43.32 0.68 0.00	40.54 1.03 0.00	38.70 2.03 -0.38
HOLTSVILLE_IC_4 23693	40.61 1.93 0.00	38.03 1.81 0.00	36.41 1.43 0.00	35.58 1.23 0.00	35.96 1.15 0.00	39.76 1.18 -0.51	49.85 -1.04 1.16	51.73 -0.76 15.57	47.45 -0.76 2.45	39.70 1.10 -1.77	36.77 1.76 -1.88	35.80 1.70 -2.04	33.74 1.69 -1.77	33.42 1.75 -1.43	33.32 2.03 -1.46	35.51 2.21 -1.29	40.44 1.65 -0.49	52.90 0.88 0.00	60.47 0.24 0.00	58.88 0.24 0.00	47.15 0.42 0.00	43.32 0.68 0.00	40.54 1.03 0.00	38.70 2.03 -0.38
HOLTSVILLE_IC_5 23694	40.61 1.93 0.00	38.03 1.81 0.00	36.41 1.43 0.00	35.58 1.23 0.00	35.96 1.15 0.00	39.76 1.18 -0.51	49.85 -1.04 1.16	51.73 -0.89 15.57	47.45 -0.76 2.45	39.70 1.10 -1.77	36.77 1.76 -1.88	35.80 1.70 -2.04	33.74 1.69 -1.77	33.42 1.75 -1.43	33.32 2.03 -1.46	35.51 2.21 -1.29	40.44 1.65 -0.49	52.90 0.88 0.00	60.47 0.24 0.00	58.88 0.24 0.00	47.15 0.42 0.00	43.32 0.68 0.00	40.54 1.03 0.00	38.70 2.03 -0.38
HOLTSVILLE_IC_6 23695	40.77 2.09 0.00	38.17 1.95 0.00	36.52 1.54 0.00	35.72 1.38 0.00	36.10 1.29 0.00	39.91 1.33 -0.51	49.78 -0.83 1.43	51.82 -0.61 15.75	47.52 -0.56 2.58	39.85 1.25 -1.77	36.90 1.89 -1.88	35.93 1.83 -2.04	33.86 1.82 -1.77	33.54 1.88 -1.43	33.44 2.15 -1.46	35.64 2.34 -1.30	40.63 1.84 -0.49	53.11 1.09 0.00	60.71 0.48 0.00	59.11 0.47 0.00	47.33 0.61 0.00	43.54 0.90 0.00	40.75 1.23 0.00	38.85 2.18 -0.38
HOLTSVILLE_IC_7 23696	40.77 2.09 0.00	38.17 1.95 0.00	36.52 1.54 0.00	35.72 1.38 0.00	36.10 1.29 0.00	39.91 1.33 -0.51	49.78 -0.83 1.43	51.82 -0.61 15.75	47.52 -0.56 2.58	39.85 1.25 -1.77	36.90 1.89 -1.88	35.93 1.83 -2.04	33.86 1.82 -1.77	33.54 1.88 -1.43	33.44 2.15 -1.46	35.64 2.34 -1.30	40.63 1.84 -0.49	53.11 1.09 0.00	60.71 0.48 0.00	59.11 0.47 0.00	47.33 0.61 0.00	43.54 0.90 0.00	40.75 1.23 0.00	38.85 2.18 -0.38
HOLTSVILLE_IC_8 23697	40.77 2.09 0.00	38.17 1.95 0.00	36.52 1.54 0.00	35.72 1.38 0.00	36.10 1.29 0.00	39.91 1.33 -0.51	49.78 -0.83 1.43	51.82 -0.61 15.75	47.52 -0.56 2.58	39.85 1.25 -1.77	36.90 1.89 -1.88	35.93 1.83 -2.04	33.86 1.82 -1.77	33.54 1.88 -1.43	33.44 2.15 -1.46	35.64 2.34 -1.30	40.63 1.84 -0.49	53.11 1.09 0.00	60.71 0.48 0.00	59.11 0.47 0.00	47.33 0.61 0.00	43.54 0.90 0.00	40.75 1.23 0.00	38.85 2.18 -0.38
HOLTSVILLE_IC_9 23698	40.77 2.09 0.00	38.17 1.95 0.00	36.52 1.54 0.00	35.72 1.38 0.00	36.10 1.29 0.00	39.91 1.33 -0.51	49.78 -0.83 1.43	51.82 -0.61 15.75	47.52 -0.56 2.58	39.85 1.25 -1.77	36.90 1.89 -1.88	35.93 1.83 -2.04	33.86 1.82 -1.77	33.54 1.88 -1.43	33.44 2.15 -1.46	35.64 2.34 -1.30	40.63 1.84 -0.49	53.11 1.09 0.00	60.71 0.48 0.00	59.11 0.47 0.00	47.33 0.61 0.00	43.54 0.90 0.00	40.75 1.23 0.00	38.85 2.18 -0.38
HOMER_HL_115KV_TB2 355744	38.21 -0.46 0.00	35.78 -0.43 0.00	34.77 -0.21 0.00	34.45 0.10 0.00	34.57 -0.24 0.00	37.65 -0.42 0.00	52.46 0.42 0.00	67.98 -0.20 0.00	50.10 -0.56 0.00	36.38 -0.44 0.00	33.30 0.17 0.00	31.80 -0.26 0.00	30.03 -0.24 0.00	29.97 -0.27 0.00	29.53 -0.30 0.00	31.21 -0.80 0.00	36.96 -1.34 0.00	50.20 -1.82 0.00	58.67 -1.57 0.00	56.36 -2.29 0.00	44.95 -1.78 0.00	41.23 -1.41 0.00	38.45 -1.07 0.00	35.56 -0.73 0.00
HOWARD_WT_PWR 323690	38.99 0.31 0.00	36.47 0.26 0.00	35.40 0.42 0.00	35.14 0.79 0.00	35.69 0.87 0.00	38.83 0.76 0.00	53.66 1.62 0.00	69.82 1.63 0.00	51.82 1.17 0.00	37.23 0.41 0.00	33.70 0.56 0.00	32.22 0.16 0.00	30.51 0.24 0.00	30.42 0.18 0.00	29.92 0.09 0.00	31.91 -0.10 0.00	37.96 -0.35 0.00	51.96 -0.05 0.00	60.83 0.60 0.00	58.65 0.00 0.00	46.96 0.23 0.00	42.90 0.26 0.00	40.03 0.51 0.00	36.79 0.51 0.00
HQ_GEN_CEDARS 23644	39.18 0.50 0.00	36.80 0.58 0.00	35.54 0.56 0.00	34.90 0.55 0.00	35.44 0.63 0.00	38.87 0.80 0.00	53.25 1.20 0.00	69.34 1.16 0.00	51.57 0.91 0.00	37.45 0.63 0.00	33.50 0.36 0.00	32.47 0.42 0.00	30.57 0.30 0.00	30.45 0.21 0.00	30.01 0.18 0.00	32.23 0.22 0.00	38.68 0.38 0.00	52.74 0.73 0.00	61.07 0.84 0.00	59.65 1.00 0.00	47.47 0.75 0.00	43.36 0.72 0.00	40.11 0.59 0.00	36.79 0.51 0.00
HQ_GEN_CEDARS_PROXY 323590	39.18 0.50 0.00	36.80 0.58 0.00	35.54 0.56 0.00	34.90 0.55 0.00	35.37 0.56 0.00	38.69 0.80 0.17	53.42 1.20 -0.17	69.34 1.16 0.00	51.57 0.91 0.00	37.45 0.63 0.00	33.50 0.37 0.00	32.47 0.42 0.00	30.57 0.30 0.00	30.45 0.21 0.00	30.01 0.18 0.00	32.23 0.23 0.00	38.68 0.38 0.00	52.74 0.73 0.00	61.07 0.84 0.00	59.65 1.00 0.00	47.47 0.75 0.00	43.36 0.72 0.00	40.11 0.59 0.00	36.79 0.51 0.00

HQ_GEN_IMPORT 323601	38.83 0.16 0.00	36.40 0.18 0.00	35.16 0.18 0.00	34.52 0.17 0.00	34.99 0.17 0.00	38.12 0.23 0.17	52.59 0.37 -0.17	68.53 0.34 0.00	51.01 0.36 0.00	37.08 0.26 0.00	33.27 0.13 0.00	32.22 0.16 0.00	30.39 0.12 0.00	30.33 0.09 0.00	29.92 0.09 0.00	32.10 0.10 0.00	38.45 0.15 0.00	52.28 0.26 0.00	60.53 0.30 0.00	59.00 0.35 0.00	46.96 0.23 0.00	42.85 0.21 0.00	39.68 0.16 0.00	36.43 0.15 0.00
HQ_GEN_WHEEL 23651	38.83 0.16 0.00	36.40 0.18 0.00	35.16 0.18 0.00	34.52 0.17 0.00	34.99 0.17 0.00	38.12 0.23 0.17	52.59 0.37 -0.17	68.53 0.34 0.00	51.01 0.36 0.00	37.08 0.26 0.00	33.27 0.13 0.00	32.22 0.16 0.00	30.39 0.12 0.00	30.33 0.09 0.00	29.92 0.09 0.00	32.10 0.10 0.00	38.45 0.15 0.00	52.28 0.26 0.00	60.53 0.30 0.00	59.00 0.35 0.00	46.96 0.23 0.00	42.85 0.21 0.00	39.68 0.16 0.00	36.43 0.15 0.00
HUDSON AVE_GT_3 23810	40.77 2.09 0.00	37.99 1.77 0.00	36.52 1.54 0.00	35.79 1.44 0.00	36.21 1.39 0.00	40.06 1.48 -0.51	53.56 1.51 0.00	72.75 2.59 -1.98	52.53 1.87 0.00	40.39 1.80 -1.76	36.99 1.99 -1.86	36.00 1.92 -2.02	33.96 1.94 -1.75	33.71 2.06 -1.42	33.44 2.18 -1.44	35.53 2.30 -1.22	41.39 2.60 -0.49	54.57 2.55 0.00	62.94 2.71 0.00	61.29 2.64 0.00	48.83 2.10 0.00	44.56 1.92 0.00	41.53 2.02 0.00	38.59 1.92 -0.38
HUDSON AVE_GT_4 23540	40.77 2.09 0.00	37.99 1.77 0.00	36.52 1.54 0.00	35.79 1.44 0.00	36.21 1.39 0.00	40.06 1.48 -0.51	53.56 1.51 0.00	72.75 2.59 -1.98	52.53 1.87 0.00	40.39 1.80 -1.76	36.99 1.99 -1.86	36.00 1.92 -2.02	33.96 1.94 -1.75	33.71 2.06 -1.42	33.44 2.18 -1.44	35.53 2.30 -1.22	41.39 2.60 -0.49	54.57 2.55 0.00	62.94 2.71 0.00	61.29 2.64 0.00	48.83 2.10 0.00	44.56 1.92 0.00	41.53 2.02 0.00	38.59 1.92 -0.38
HUDSON AVE_GT_5 23657	40.77 2.09 0.00	37.99 1.77 0.00	36.52 1.54 0.00	35.79 1.44 0.00	36.21 1.39 0.00	40.06 1.48 -0.51	53.56 1.51 0.00	72.75 2.59 -1.98	52.53 1.87 0.00	40.39 1.80 -1.76	36.99 1.99 -1.86	36.00 1.92 -2.02	33.96 1.94 -1.75	33.71 2.06 -1.42	33.44 2.18 -1.44	35.53 2.30 -1.22	41.39 2.60 -0.49	54.57 2.55 0.00	62.94 2.71 0.00	61.29 2.64 0.00	48.83 2.10 0.00	44.56 1.92 0.00	41.53 2.02 0.00	38.59 1.92 -0.38
HUDSON_AVE_10 24168	40.65 1.97 0.00	37.88 1.67 0.00	36.38 1.40 0.00	35.69 1.34 0.00	36.10 1.29 0.00	39.91 1.33 -0.51	53.40 1.35 0.00	72.62 2.45 -1.98	52.43 1.77 0.00	40.28 1.69 -1.76	36.86 1.86 -1.86	35.88 1.80 -2.02	33.84 1.82 -1.75	33.59 1.94 -1.42	33.36 2.09 -1.44	35.41 2.18 -1.22	41.28 2.49 -0.49	54.41 2.39 0.00	62.82 2.59 0.00	61.11 2.46 0.00	48.74 2.01 0.00	44.43 1.79 0.00	41.42 1.90 0.00	38.45 1.78 -0.38
HUDSON___115KV_TB 4 355613	39.49 0.81 0.00	37.01 0.80 0.00	35.71 0.73 0.00	35.07 0.72 0.00	35.51 0.70 0.00	39.85 1.87 0.09	54.34 2.29 0.00	71.67 3.82 0.33	52.23 1.57 0.00	37.78 0.96 0.00	33.77 0.63 0.00	32.60 0.54 0.00	30.82 0.54 0.00	30.87 0.63 0.00	30.55 0.72 0.00	32.93 0.93 0.00	39.04 0.84 0.10	53.21 1.20 0.00	61.74 1.51 0.00	60.12 1.47 0.00	47.85 1.12 0.00	43.53 0.90 0.00	40.31 0.79 0.00	37.15 0.94 0.08
HUNTER MOUNT___DRP 323613	39.57 0.89 0.00	37.09 0.87 0.00	35.78 0.80 0.00	35.14 0.79 0.00	35.58 0.77 0.00	39.78 1.71 0.00	54.03 1.98 0.00	71.73 3.55 0.00	52.02 1.37 0.00	37.71 0.88 0.00	33.67 0.53 0.00	32.54 0.48 0.00	30.73 0.45 0.00	30.81 0.57 0.00	30.49 0.66 0.00	32.87 0.86 0.00	39.26 0.96 0.00	53.32 1.30 0.00	61.86 1.63 0.00	60.29 1.64 0.00	47.94 1.21 0.00	43.58 0.94 0.00	40.35 0.83 0.00	37.37 1.09 0.00
HUNTINGTON_RES_REC 323705	40.53 1.86 0.00	38.10 1.88 0.00	36.48 1.50 0.00	35.69 1.34 0.00	36.03 1.22 0.00	39.84 1.25 -0.51	47.85 -1.04 3.15	49.27 -0.82 18.10	46.31 -0.76 3.59	39.85 1.25 -1.77	36.90 1.89 -1.88	35.93 1.83 -2.04	33.89 1.85 -1.77	33.57 1.91 -1.43	33.44 2.15 -1.46	35.62 2.31 -1.30	40.32 1.53 -0.49	52.84 0.83 0.00	60.47 0.24 0.00	58.88 0.24 0.01	47.10 0.37 0.00	43.19 0.55 0.00	40.43 0.91 0.00	38.66 1.99 -0.38
HUNTLEY___63 23557	39.03 0.35 0.00	36.69 0.47 0.00	35.50 0.52 0.00	35.21 0.86 0.00	35.30 0.49 0.00	38.18 0.11 0.00	52.57 0.52 0.00	67.77 -0.41 0.00	50.61 -0.05 0.00	37.05 0.22 0.00	33.74 0.60 0.00	32.22 0.16 0.00	30.33 0.06 0.00	30.30 0.06 0.00	29.89 0.06 0.00	31.69 -0.32 0.00	37.38 -0.92 0.00	50.46 -1.56 0.00	58.24 -1.99 0.00	56.07 -2.58 0.00	45.09 -1.64 0.00	41.49 -1.15 0.00	38.85 -0.67 0.00	35.92 -0.36 0.00
HUNTLEY___64 23558	39.03 0.35 0.00	36.69 0.47 0.00	35.50 0.52 0.00	35.21 0.86 0.00	35.30 0.49 0.00	38.18 0.11 0.00	52.57 0.52 0.00	67.77 -0.41 0.00	50.61 -0.05 0.00	37.05 0.22 0.00	33.74 0.60 0.00	32.22 0.16 0.00	30.33 0.06 0.00	30.30 0.06 0.00	29.89 0.06 0.00	31.69 -0.32 0.00	37.38 -0.92 0.00	50.46 -1.56 0.00	58.24 -1.99 0.00	56.07 -2.58 0.00	45.09 -1.64 0.00	41.49 -1.15 0.00	38.85 -0.67 0.00	35.92 -0.36 0.00
HUNTLEY___65 23559	39.03 0.35 0.00	36.69 0.47 0.00	35.50 0.52 0.00	35.21 0.86 0.00	35.30 0.49 0.00	38.18 0.11 0.00	52.57 0.52 0.00	67.77 -0.41 0.00	50.61 -0.05 0.00	37.05 0.22 0.00	33.74 0.60 0.00	32.22 0.16 0.00	30.33 0.06 0.00	30.30 0.06 0.00	29.89 0.06 0.00	31.69 -0.32 0.00	37.38 -0.92 0.00	50.46 -1.56 0.00	58.24 -1.99 0.00	56.07 -2.58 0.00	45.09 -1.64 0.00	41.49 -1.15 0.00	38.85 -0.67 0.00	35.92 -0.36 0.00
HUNTLEY___66 23560	39.03 0.35 0.00	36.69 0.47 0.00	35.50 0.52 0.00	35.21 0.86 0.00	35.30 0.49 0.00	38.18 0.11 0.00	52.57 0.52 0.00	67.77 -0.41 0.00	50.61 -0.05 0.00	37.05 0.22 0.00	33.74 0.60 0.00	32.22 0.16 0.00	30.33 0.06 0.00	30.30 0.06 0.00	29.89 0.06 0.00	31.69 -0.32 0.00	37.38 -0.92 0.00	50.46 -1.56 0.00	58.24 -1.99 0.00	56.07 -2.58 0.00	45.09 -1.64 0.00	41.49 -1.15 0.00	38.85 -0.67 0.00	35.92 -0.36 0.00
HUNTLEY___67 23561	38.64 -0.04 0.00	36.33 0.11 0.00	35.19 0.21 0.00	34.86 0.52 0.00	34.99 0.17 0.00	37.91 -0.15 0.00	52.20 0.16 0.00	67.37 -0.82 0.00	50.25 -0.41 0.00	36.83 0.00 0.00	33.57 0.43 0.00	32.03 -0.03 0.00	30.21 -0.06 0.00	30.15 -0.09 0.00	29.74 -0.09 0.00	31.53 -0.48 0.00	37.19 -1.11 0.00	50.14 -1.87 0.00	57.94 -2.29 0.00	55.83 -2.82 0.00	44.86 -1.87 0.00	41.28 -1.36 0.00	38.61 -0.91 0.00	35.67 -0.62 0.00
HUNTLEY___68 23562	38.64 -0.04 0.00	36.33 0.11 0.00	35.19 0.21 0.00	34.86 0.52 0.00	34.99 0.17 0.00	37.91 -0.15 0.00	52.20 0.16 0.00	67.37 -0.82 0.00	50.25 -0.41 0.00	36.83 0.00 0.00	33.57 0.43 0.00	32.03 -0.03 0.00	30.21 -0.06 0.00	30.15 -0.09 0.00	29.74 -0.09 0.00	31.53 -0.48 0.00	37.19 -1.11 0.00	50.14 -1.87 0.00	57.94 -2.29 0.00	55.83 -2.82 0.00	44.86 -1.87 0.00	41.28 -1.36 0.00	38.61 -0.91 0.00	35.67 -0.62 0.00



HYLAND___LFGE 323620	40.53 1.86 0.00	37.85 1.63 0.00	36.66 1.68 0.00	36.17 1.82 0.00	36.76 1.95 0.00	40.20 2.13 0.00	55.54 3.49 0.00	72.48 4.30 0.00	53.29 2.63 0.00	37.85 1.03 0.00	33.93 0.79 0.00	32.38 0.32 0.00	30.61 0.33 0.00	30.57 0.33 0.00	30.07 0.24 0.00	32.26 0.25 0.00	38.57 0.27 0.00	53.53 1.51 0.00	62.88 2.65 0.00	60.94 2.29 0.00	48.69 1.96 0.00	44.47 1.83 0.00	41.22 1.70 0.00	37.63 1.34 0.00
INDECK___CORINTH 23802	39.26 0.58 0.00	36.83 0.62 0.00	35.61 0.63 0.00	34.97 0.62 0.00	35.48 0.66 0.00	38.38 0.61 0.30	52.93 0.88 0.00	68.40 1.36 1.15	51.11 0.45 0.00	36.17 0.04 0.70	32.20 -0.20 0.74	31.04 -0.22 0.80	29.28 -0.30 0.69	29.47 -0.21 0.56	29.05 -0.21 0.57	31.46 -0.06 0.48	38.23 0.12 0.19	52.95 0.94 0.00	61.62 1.39 0.00	59.88 1.23 0.00	47.71 0.98 0.00	43.41 0.77 0.00	40.11 0.59 0.00	36.68 0.55 0.15
INDECK___ILION 23567	39.57 0.89 0.00	37.05 0.83 0.00	35.78 0.80 0.00	35.10 0.76 0.00	35.62 0.80 0.00	39.02 0.95 0.00	53.40 1.35 0.00	69.89 1.70 0.00	51.87 1.22 0.00	37.64 0.81 0.00	33.90 0.76 0.00	32.80 0.74 0.00	30.97 0.70 0.00	30.93 0.70 0.00	30.49 0.66 0.00	32.71 0.70 0.00	39.18 0.88 0.00	53.21 1.20 0.00	61.62 1.39 0.00	60.06 1.41 0.00	47.85 1.12 0.00	43.75 1.11 0.00	40.55 1.03 0.00	37.23 0.94 0.00
INDECK___OLEAN 23982	38.45 -0.23 0.00	35.78 -0.43 0.00	34.77 -0.21 0.00	34.42 0.07 0.00	34.78 -0.03 0.00	37.72 -0.34 0.00	52.46 0.41 0.00	68.05 -0.14 0.00	50.40 -0.25 0.00	36.39 -0.44 0.00	33.31 0.17 0.00	31.80 -0.26 0.00	30.03 -0.24 0.00	29.99 -0.24 0.00	29.53 -0.30 0.00	31.21 -0.80 0.00	36.88 -1.42 0.00	50.09 -1.92 0.00	58.66 -1.57 0.00	56.24 -2.41 0.00	44.90 -1.82 0.00	41.23 -1.41 0.00	38.57 -0.95 0.00	35.56 -0.73 0.00
INDECK___OSWEGO 23783	37.86 -0.81 0.00	35.46 -0.76 0.00	34.24 -0.74 0.00	33.66 -0.69 0.00	34.12 -0.70 0.00	37.31 -0.76 0.00	51.16 -0.89 0.00	67.02 -1.16 0.00	49.75 -0.91 0.00	36.01 -0.81 0.00	32.44 -0.70 0.00	31.32 -0.74 0.00	29.61 -0.67 0.00	29.51 -0.73 0.00	29.11 -0.72 0.00	31.24 -0.77 0.00	37.34 -0.96 0.00	50.82 -1.19 0.00	58.96 -1.27 0.00	57.36 -1.29 0.00	45.74 -0.98 0.00	41.79 -0.85 0.00	38.69 -0.83 0.00	35.49 -0.80 0.00
INDECK___YERKES 23781	39.29 0.62 0.00	36.72 0.51 0.00	35.51 0.53 0.00	35.24 0.89 0.00	35.65 0.83 0.00	38.30 0.23 0.00	52.62 0.57 0.00	67.91 -0.27 0.00	51.06 0.40 0.00	37.08 0.26 0.00	33.77 0.63 0.00	32.25 0.19 0.00	30.39 0.12 0.00	30.42 0.18 0.00	29.92 0.09 0.00	31.72 -0.29 0.00	37.30 -1.00 0.00	50.35 -1.67 0.00	58.30 -1.93 0.00	56.01 -2.64 0.00	45.09 -1.64 0.00	41.53 -1.11 0.00	38.97 -0.55 0.00	35.99 -0.29 0.00
INDIAN POINT_GT_1 24139	40.34 1.66 0.00	37.63 1.41 0.00	36.20 1.22 0.00	35.52 1.17 0.00	35.93 1.11 0.00	39.68 1.14 -0.47	53.19 1.15 0.00	72.03 2.05 -1.80	52.02 1.37 0.00	39.63 1.29 -1.51	36.27 1.52 -1.60	35.27 1.47 -1.74	33.29 1.51 -1.51	33.06 1.60 -1.22	32.83 1.76 -1.24	34.88 1.82 -1.05	40.79 2.07 -0.42	54.10 2.08 0.00	62.52 2.29 0.00	60.88 2.23 0.00	48.46 1.73 0.00	44.17 1.54 0.00	41.14 1.62 0.00	38.14 1.52 -0.33
INDIAN POINT_GT_2 23659	40.34 1.66 0.00	37.63 1.41 0.00	36.20 1.22 0.00	35.52 1.17 0.00	35.93 1.11 0.00	39.68 1.14 -0.47	53.19 1.15 0.00	72.03 2.05 -1.80	52.02 1.37 0.00	39.63 1.29 -1.51	36.27 1.52 -1.60	35.27 1.47 -1.74	33.29 1.51 -1.51	33.06 1.60 -1.22	32.83 1.76 -1.24	34.88 1.82 -1.05	40.79 2.07 -0.42	54.10 2.08 0.00	62.52 2.29 0.00	60.88 2.23 0.00	48.46 1.73 0.00	44.17 1.54 0.00	41.14 1.62 0.00	38.14 1.52 -0.33
INDIAN POINT_GT_3 24019	40.34 1.66 0.00	37.63 1.41 0.00	36.20 1.22 0.00	35.52 1.17 0.00	35.93 1.11 0.00	39.68 1.14 -0.47	53.19 1.15 0.00	72.03 2.05 -1.80	52.02 1.37 0.00	39.63 1.29 -1.51	36.27 1.52 -1.60	35.27 1.47 -1.74	33.29 1.51 -1.51	33.06 1.60 -1.22	32.83 1.76 -1.24	34.88 1.82 -1.05	40.79 2.07 -0.42	54.10 2.08 0.00	62.52 2.29 0.00	60.88 2.23 0.00	48.46 1.73 0.00	44.17 1.54 0.00	41.14 1.62 0.00	38.14 1.52 -0.33
INDIAN POINT___2 23530	40.30 1.62 0.00	37.63 1.41 0.00	36.24 1.26 0.00	35.52 1.17 0.00	35.90 1.08 0.00	39.67 1.14 -0.47	53.25 1.20 0.00	72.10 2.12 -1.80	51.92 1.27 0.00	39.71 1.32 -1.56	36.34 1.56 -1.65	35.35 1.51 -1.79	33.37 1.54 -1.55	33.12 1.63 -1.26	32.86 1.76 -1.27	34.94 1.86 -1.08	40.84 2.11 -0.43	54.15 2.13 0.00	62.58 2.35 0.00	60.94 2.29 0.00	48.46 1.73 0.00	44.22 1.58 0.00	41.14 1.62 0.00	38.18 1.56 -0.34
INDIAN POINT___3 23531	40.34 1.66 0.00	37.59 1.38 0.00	36.20 1.22 0.00	35.48 1.13 0.00	35.89 1.08 0.00	39.63 1.10 -0.46	53.19 1.15 0.00	71.94 1.98 -1.78	51.97 1.32 0.00	39.59 1.29 -1.48	36.22 1.52 -1.56	35.23 1.47 -1.70	33.22 1.48 -1.47	33.03 1.60 -1.19	32.77 1.73 -1.20	34.82 1.79 -1.02	40.74 2.03 -0.41	54.05 2.03 0.00	62.46 2.23 0.00	60.82 2.17 0.00	48.41 1.68 0.00	44.17 1.54 0.00	41.10 1.58 0.00	38.13 1.52 -0.32
INGHAM_C_115KV_TB7 356103	40.61 1.93 0.00	38.10 1.88 0.00	36.80 1.82 0.00	36.10 1.75 0.00	36.63 1.81 0.00	40.16 2.09 0.00	55.07 3.02 0.00	71.93 3.75 0.00	53.29 2.63 0.00	38.63 1.80 0.00	34.89 1.76 0.00	33.72 1.67 0.00	31.82 1.54 0.00	31.75 1.51 0.00	31.32 1.49 0.00	33.57 1.57 0.00	40.18 1.88 0.00	54.62 2.60 0.00	63.24 3.01 0.00	61.64 2.99 0.00	49.16 2.43 0.00	45.03 2.39 0.00	41.73 2.21 0.00	38.32 2.03 0.00
IP CORINTH___1 23988	39.53 0.85 0.00	37.05 0.83 0.00	35.82 0.84 0.00	35.14 0.79 0.00	35.65 0.84 0.00	38.65 0.88 0.30	53.25 1.20 0.00	68.81 1.77 1.15	51.47 0.81 0.00	36.35 0.22 0.70	32.40 0.00 0.74	31.19 -0.06 0.80	29.46 -0.12 0.69	29.65 -0.03 0.56	29.23 -0.03 0.57	31.62 0.10 0.48	38.45 0.34 0.19	53.21 1.20 0.00	61.98 1.75 0.00	60.17 1.52 0.00	47.99 1.26 0.00	43.66 1.02 0.00	40.35 0.83 0.00	36.86 0.73 0.15
IP___TICONDEROGA 23804	41.08 2.40 0.00	38.54 2.32 0.00	37.25 2.27 0.00	36.58 2.23 0.00	37.15 2.33 0.00	40.39 2.63 0.30	55.80 3.75 0.00	72.05 5.05 1.18	53.49 2.84 0.00	37.37 1.25 0.71	33.15 0.76 0.75	31.82 0.58 0.82	29.96 0.39 0.71	30.15 0.48 0.57	29.70 0.45 0.58	32.22 0.70 0.49	39.41 1.30 0.20	55.29 3.28 0.00	64.75 4.52 0.00	62.76 4.11 0.00	50.09 3.36 0.00	45.54 2.90 0.00	41.89 2.37 0.00	38.20 2.07 0.15
ISLIP_RES_REC 323679	40.88 2.20 0.00	38.28 2.06 0.00	36.62 1.64 0.00	35.82 1.48 0.00	36.21 1.39 0.00	40.03 1.45 -0.51	49.97 -0.62 1.46	52.20 -0.34 15.64	47.72 -0.35 2.58	39.96 1.36 -1.77	37.04 2.02 -1.88	36.03 1.92 -2.04	33.95 1.91 -1.77	33.63 1.96 -1.43	33.55 2.27 -1.46	35.74 2.43 -1.31	40.78 1.99 -0.49	53.37 1.35 0.00	61.01 0.78 0.00	59.41 0.76 0.00	47.52 0.79 0.00	43.70 1.07 0.00	40.86 1.34 0.00	38.99 2.32 -0.38

JAMAICA__27_KV_LOAD 355505	40.77 2.09 0.00	37.96 1.74 0.00	36.45 1.47 0.00	35.72 1.37 0.00	36.14 1.32 0.00	39.99 1.41 -0.51	53.61 1.56 0.00	72.96 2.80 -1.98	52.73 2.08 0.00	40.43 1.84 -1.76	36.89 1.89 -1.86	35.91 1.83 -2.02	33.84 1.82 -1.75	33.62 1.97 -1.42	33.39 2.12 -1.44	35.47 2.24 -1.22	41.39 2.60 -0.49	54.62 2.60 0.00	63.06 2.83 0.00	61.41 2.76 0.00	48.88 2.15 0.00	44.56 1.92 0.00	41.57 2.05 0.00	38.55 1.89 -0.38
JANIS__SOLAR 323808	39.92 1.24 0.00	37.45 1.23 0.00	36.13 1.15 0.00	35.48 1.13 0.00	36.10 1.29 0.00	39.74 1.67 0.00	55.01 2.97 0.00	71.93 3.75 0.00	52.78 2.13 0.00	37.52 0.70 0.00	33.54 0.40 0.00	32.22 0.16 0.00	30.36 0.09 0.00	30.24 0.00 0.00	29.83 0.00 0.00	32.14 0.13 0.00	38.80 0.50 0.00	53.73 1.71 0.00	62.82 2.59 0.00	61.11 2.46 0.00	48.74 2.01 0.00	44.43 1.79 0.00	41.02 1.50 0.00	37.56 1.27 0.00
JARVIS____ 23743	38.79 0.12 0.00	36.33 0.11 0.00	35.09 0.11 0.00	34.42 0.07 0.00	34.89 0.07 0.00	38.14 0.08 0.00	52.15 0.10 0.00	68.39 0.21 0.00	50.76 0.10 0.00	36.86 0.04 0.00	33.21 0.07 0.00	32.12 0.06 0.00	30.33 0.06 0.00	30.33 0.09 0.00	29.92 0.09 0.00	32.10 0.10 0.00	38.42 0.12 0.00	52.17 0.16 0.00	60.41 0.18 0.00	58.83 0.18 0.00	46.91 0.19 0.00	42.81 0.17 0.00	39.64 0.12 0.00	36.40 0.11 0.00
JENNISON____1 23625	39.88 1.20 0.00	37.49 1.27 0.00	36.20 1.22 0.00	35.48 1.13 0.00	36.07 1.25 0.00	39.74 1.67 0.00	55.01 2.97 0.00	71.93 3.75 0.00	52.89 2.23 0.00	38.04 1.03 -0.19	34.20 0.86 -0.20	32.95 0.67 -0.21	31.06 0.61 -0.19	30.87 0.48 -0.15	30.43 0.45 -0.15	32.68 0.54 -0.13	39.20 0.84 -0.05	54.05 2.03 0.00	62.94 2.71 0.00	61.29 2.64 0.00	48.88 2.15 0.00	44.56 1.92 0.00	41.10 1.58 0.00	37.71 1.38 -0.04
JENNISON____2 23626	39.88 1.20 0.00	37.49 1.27 0.00	36.20 1.22 0.00	35.48 1.13 0.00	36.07 1.25 0.00	39.74 1.67 0.00	55.01 2.97 0.00	71.93 3.75 0.00	52.89 2.23 0.00	38.04 1.03 -0.19	34.20 0.86 -0.20	32.95 0.67 -0.21	31.06 0.61 -0.19	30.87 0.48 -0.15	30.43 0.45 -0.15	32.68 0.54 -0.13	39.20 0.84 -0.05	54.05 2.03 0.00	62.94 2.71 0.00	61.29 2.64 0.00	48.88 2.15 0.00	44.56 1.92 0.00	41.10 1.58 0.00	37.71 1.38 -0.04
JERICOHO_RISE_WT_PWR 323719	39.03 0.35 0.00	36.65 0.44 0.00	35.40 0.42 0.00	34.79 0.45 0.00	35.27 0.45 0.00	38.71 0.65 0.00	52.93 0.88 0.00	69.01 0.82 0.00	51.37 0.71 0.00	37.41 0.59 0.00	33.47 0.33 0.00	32.47 0.42 0.00	30.54 0.27 0.00	30.42 0.18 0.00	29.98 0.15 0.00	32.20 0.19 0.00	38.64 0.34 0.00	52.59 0.57 0.00	60.96 0.73 0.00	59.47 0.82 0.00	47.29 0.56 0.00	43.15 0.51 0.00	39.99 0.48 0.00	36.72 0.44 0.00
KATONAH__115KV_46KV_TB4 355592	40.42 1.74 0.00	37.74 1.52 0.00	36.34 1.36 0.00	35.65 1.31 0.00	36.03 1.22 0.00	39.82 1.26 -0.50	53.45 1.41 0.00	72.42 2.32 -1.91	52.23 1.57 0.00	39.79 1.29 -1.67	36.40 1.49 -1.77	35.45 1.47 -1.92	33.42 1.48 -1.66	33.16 1.57 -1.35	32.93 1.73 -1.37	34.96 1.79 -1.16	40.87 2.11 -0.46	54.20 2.18 0.00	62.58 2.35 0.00	61.05 2.40 0.00	48.55 1.82 0.00	44.30 1.66 0.00	41.18 1.66 0.00	38.21 1.56 -0.36
KCE_NY_1 323755	39.88 1.20 0.00	37.34 1.12 0.00	36.07 1.09 0.00	35.38 1.03 0.00	35.86 1.04 0.00	38.89 1.14 0.32	53.56 1.51 0.00	69.15 2.18 1.22	51.87 1.21 0.00	36.75 0.66 0.74	32.82 0.46 0.78	31.63 0.42 0.84	29.90 0.36 0.73	30.10 0.45 0.59	29.71 0.48 0.60	32.10 0.61 0.51	39.02 0.92 0.20	53.73 1.71 0.00	62.46 2.23 0.00	60.70 2.05 0.00	48.36 1.63 0.00	44.04 1.41 0.00	40.75 1.23 0.00	37.21 1.09 0.16
KCE_NY_6_ESR 323823	39.06 0.39 0.00	36.51 0.29 0.00	35.33 0.35 0.00	35.07 0.72 0.00	35.48 0.66 0.00	38.30 0.23 0.00	52.78 0.73 0.00	68.25 0.07 0.00	51.16 0.51 0.00	37.08 0.26 0.00	33.80 0.66 0.00	32.28 0.23 0.00	30.45 0.18 0.00	30.45 0.21 0.00	29.95 0.12 0.00	31.75 -0.26 0.00	37.42 -0.88 0.00	50.56 -1.46 0.00	58.73 -1.50 0.00	56.36 -2.29 0.00	45.33 -1.40 0.00	41.70 -0.94 0.00	39.09 -0.43 0.00	35.96 -0.33 0.00
KEDC_PORT_JEFF_GT2 24210	40.69 2.01 0.00	38.10 1.88 0.00	36.48 1.50 0.00	35.69 1.34 0.00	36.03 1.22 0.00	39.84 1.25 -0.51	49.44 -1.10 1.51	51.30 -0.95 15.93	47.31 -0.71 2.64	39.78 1.18 -1.77	36.87 1.85 -1.88	35.86 1.76 -2.04	33.83 1.79 -1.77	33.51 1.84 -1.43	33.41 2.12 -1.46	35.61 2.31 -1.30	40.51 1.73 -0.49	52.85 0.83 0.00	60.05 -0.18 0.00	58.53 -0.12 0.00	47.10 0.37 0.00	43.36 0.72 0.00	40.67 1.15 0.00	38.81 2.14 -0.38
KEDC_PORT_JEFF_GT3 24211	40.69 2.01 0.00	38.10 1.88 0.00	36.48 1.50 0.00	35.69 1.34 0.00	36.03 1.22 0.00	39.84 1.25 -0.51	49.44 -1.10 1.51	51.30 -0.95 15.93	47.31 -0.71 2.64	39.78 1.18 -1.77	36.87 1.85 -1.88	35.86 1.76 -2.04	33.83 1.79 -1.77	33.51 1.84 -1.43	33.41 2.12 -1.46	35.61 2.31 -1.30	40.51 1.73 -0.49	52.85 0.83 0.00	60.05 -0.18 0.00	58.53 -0.12 0.00	47.10 0.37 0.00	43.36 0.72 0.00	40.67 1.15 0.00	38.81 2.14 -0.38
KEDC_GLWD_GT4 24219	40.84 2.16 0.00	38.21 1.99 0.00	36.69 1.71 0.00	35.96 1.61 0.00	36.31 1.50 0.00	40.14 1.56 -0.51	52.31 0.94 0.67	65.91 1.84 4.12	50.80 1.11 0.97	40.33 1.73 -1.77	37.17 2.15 -1.88	36.19 2.08 -2.05	34.11 2.06 -1.78	33.81 2.15 -1.43	33.60 2.30 -1.48	35.99 2.43 -1.55	41.24 2.45 -0.49	54.36 2.34 0.00	62.64 2.41 0.00	61.00 2.35 0.00	48.55 1.82 0.00	44.39 1.75 0.00	41.30 1.78 0.00	38.77 2.10 -0.38
KEDC_GLWD_GT5 24220	40.84 2.16 0.00	38.21 1.99 0.00	36.69 1.71 0.00	35.96 1.61 0.00	36.31 1.50 0.00	40.14 1.56 -0.51	52.31 0.94 0.67	65.91 1.84 4.12	50.80 1.11 0.97	40.33 1.73 -1.77	37.17 2.15 -1.88	36.19 2.08 -2.05	34.11 2.06 -1.78	33.81 2.15 -1.43	33.60 2.30 -1.48	35.99 2.43 -1.55	41.24 2.45 -0.49	54.36 2.34 0.00	62.64 2.41 0.00	61.00 2.35 0.00	48.55 1.82 0.00	44.39 1.75 0.00	41.30 1.78 0.00	38.77 2.10 -0.38
KENSICO____ 23655	40.46 1.78 0.00	37.74 1.52 0.00	36.31 1.33 0.00	35.58 1.24 0.00	36.00 1.18 0.00	39.78 1.22 -0.49	53.25 1.20 0.00	72.28 2.18 -1.91	52.13 1.47 0.00	39.93 1.44 -1.66	36.56 1.66 -1.76	35.57 1.60 -1.91	33.53 1.60 -1.66	33.30 1.72 -1.34	33.07 1.88 -1.36	35.11 1.95 -1.16	40.94 2.18 -0.46	54.20 2.18 0.00	62.64 2.41 0.00	61.00 2.35 0.00	48.55 1.82 0.00	44.30 1.66 0.00	41.22 1.70 0.00	38.28 1.63 -0.36
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.73 2.05 0.00	37.99 1.77 0.00	36.55 1.57 0.00	35.86 1.51 0.00	36.28 1.46 0.00	39.99 1.60 -0.33	54.13 2.08 0.00	72.65 3.20 -1.26	52.68 2.03 0.00	39.54 1.51 -1.21	35.98 1.56 -1.28	34.92 1.47 -1.39	32.99 1.51 -1.20	32.82 1.60 -0.98	32.58 1.76 -0.99	34.70 1.86 -0.84	40.89 2.26 -0.33	54.77 2.76 0.00	63.30 3.07 0.00	61.82 3.17 0.00	49.06 2.34 0.00	44.69 2.05 0.00	41.49 1.98 0.00	38.40 1.85 -0.26

KIAC_JFK_GT1 23816	40.65 1.97 0.00	37.85 1.63 0.00	36.34 1.36 0.00	35.62 1.27 0.00	36.03 1.22 0.00	39.87 1.29 -0.51	53.45 1.41 0.00	72.75 2.59 -1.98	52.53 1.87 0.00	40.32 1.73 -1.76	36.79 1.79 -1.86	35.81 1.73 -2.02	33.78 1.76 -1.75	33.53 1.87 -1.42	33.30 2.03 -1.44	35.37 2.14 -1.22	41.28 2.49 -0.49	54.46 2.44 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.43 1.79 0.00	41.46 1.94 0.00	38.45 1.78 -0.38
KIAC_JFK_GT2 23817	40.65 1.97 0.00	37.85 1.63 0.00	36.34 1.36 0.00	35.62 1.27 0.00	36.03 1.22 0.00	39.87 1.29 -0.51	53.45 1.41 0.00	72.75 2.59 -1.98	52.53 1.87 0.00	40.32 1.73 -1.76	36.79 1.79 -1.86	35.81 1.73 -2.02	33.78 1.76 -1.75	33.53 1.87 -1.42	33.30 2.03 -1.44	35.37 2.14 -1.22	41.28 2.49 -0.49	54.46 2.44 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.43 1.79 0.00	41.46 1.94 0.00	38.45 1.78 -0.38
KIAC_JFK____ 323774	40.57 1.89 0.00	37.85 1.63 0.00	36.34 1.36 0.00	35.62 1.27 0.00	36.00 1.18 0.00	39.87 1.30 -0.51	53.45 1.41 0.00	72.75 2.59 -1.98	52.43 1.77 0.00	40.32 1.73 -1.76	36.79 1.79 -1.86	35.81 1.73 -2.02	33.78 1.76 -1.75	33.53 1.88 -1.42	33.30 2.03 -1.44	35.37 2.14 -1.22	41.31 2.53 -0.49	54.46 2.45 0.00	62.82 2.59 0.00	61.23 2.58 0.00	48.74 2.01 0.00	44.47 1.83 0.00	41.42 1.90 0.00	38.41 1.74 -0.38
KINTIGH__24_KV_GSU 356498	38.79 0.12 0.00	36.29 0.07 0.00	35.12 0.14 0.00	34.76 0.41 0.00	35.23 0.42 0.00	37.99 -0.08 0.00	52.05 0.00 0.00	67.30 -0.89 0.00	50.61 -0.05 0.00	36.79 -0.04 0.00	33.47 0.33 0.00	31.99 -0.06 0.00	30.21 -0.06 0.00	30.21 -0.03 0.00	29.68 -0.15 0.00	31.56 -0.45 0.00	37.15 -1.15 0.00	50.15 -1.87 0.00	58.00 -2.23 0.00	55.84 -2.81 0.00	45.00 -1.73 0.00	41.36 -1.28 0.00	38.73 -0.79 0.00	35.70 -0.58 0.00
KINTIGH____ 23543	38.60 -0.08 0.00	36.29 0.07 0.00	35.12 0.14 0.00	34.79 0.45 0.00	34.95 0.14 0.00	37.88 -0.19 0.00	52.05 0.00 0.00	67.30 -0.89 0.00	50.20 -0.46 0.00	36.79 -0.04 0.00	33.47 0.33 0.00	31.99 -0.06 0.00	30.18 -0.09 0.00	30.12 -0.12 0.00	29.68 -0.15 0.00	31.53 -0.48 0.00	37.23 -1.07 0.00	50.25 -1.77 0.00	58.00 -2.23 0.00	55.95 -2.70 0.00	45.00 -1.73 0.00	41.32 -1.32 0.00	38.65 -0.87 0.00	35.67 -0.62 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.45 0.77 0.00	37.09 0.87 0.00	35.82 0.84 0.00	35.21 0.86 0.00	35.79 0.97 0.00	39.29 1.22 0.00	53.61 1.56 0.00	69.75 1.57 0.00	51.87 1.22 0.00	37.89 1.07 0.00	33.83 0.70 0.00	32.86 0.80 0.00	30.85 0.58 0.00	30.66 0.42 0.00	30.22 0.39 0.00	32.49 0.48 0.00	39.07 0.77 0.00	53.11 1.09 0.00	61.68 1.45 0.00	60.23 1.58 0.00	47.80 1.07 0.00	43.88 1.24 0.00	40.55 1.03 0.00	37.19 0.91 0.00
LACHUTE____HYDRO 323717	41.04 2.36 0.00	38.50 2.28 0.00	37.25 2.27 0.00	36.58 2.23 0.00	37.15 2.33 0.00	40.35 2.59 0.30	55.80 3.75 0.00	72.05 5.05 1.18	53.44 2.78 0.00	37.37 1.25 0.71	33.15 0.76 0.75	31.82 0.58 0.82	29.96 0.39 0.71	30.15 0.48 0.57	29.70 0.45 0.58	32.22 0.70 0.49	39.41 1.30 0.20	55.30 3.28 0.00	64.75 4.52 0.00	62.75 4.10 0.00	50.09 3.37 0.00	45.54 2.90 0.00	41.89 2.37 0.00	38.20 2.07 0.15
LAWRNCALV_115KV_TB1 80681	39.41 0.73 0.00	37.12 0.91 0.00	35.82 0.84 0.00	35.10 0.76 0.00	35.76 0.94 0.00	39.32 1.26 0.00	53.82 1.77 0.00	70.02 1.84 0.00	51.87 1.22 0.00	37.67 0.85 0.00	33.60 0.46 0.00	32.60 0.54 0.00	30.63 0.36 0.00	30.48 0.24 0.00	30.04 0.21 0.00	32.29 0.29 0.00	38.80 0.50 0.00	53.00 0.99 0.00	61.26 1.02 0.00	59.88 1.23 0.00	47.85 1.12 0.00	43.92 1.28 0.00	40.47 0.95 0.00	37.08 0.80 0.00
LEDERLE____ 23769	40.53 1.86 0.00	37.77 1.56 0.00	36.38 1.40 0.00	35.69 1.34 0.00	36.07 1.25 0.00	39.84 1.33 -0.44	53.61 1.56 0.00	72.56 2.66 -1.72	52.38 1.72 0.00	39.79 1.51 -1.45	36.40 1.72 -1.54	35.39 1.67 -1.67	33.41 1.70 -1.45	33.19 1.78 -1.17	32.96 1.94 -1.19	35.03 2.02 -1.01	41.00 2.30 -0.40	54.51 2.50 0.00	63.06 2.83 0.00	61.29 2.64 0.00	48.74 2.01 0.00	44.43 1.79 0.00	41.34 1.82 0.00	38.31 1.71 -0.32
LIGHTHSE_115KV_TB6 355974	38.60 -0.08 0.00	36.25 0.04 0.00	34.98 0.00 0.00	34.31 -0.03 0.00	34.85 0.03 0.00	38.30 0.23 0.00	52.62 0.57 0.00	68.80 0.61 0.00	50.91 0.25 0.00	36.71 -0.11 0.00	32.94 -0.20 0.00	31.80 -0.26 0.00	30.00 -0.27 0.00	29.90 -0.33 0.00	29.47 -0.36 0.00	31.65 -0.35 0.00	37.88 -0.42 0.00	51.81 -0.21 0.00	60.23 0.00 0.00	58.65 0.00 0.00	46.77 0.05 0.00	42.90 0.26 0.00	39.56 0.04 0.00	36.21 -0.07 0.00
LINDEN COGEN____ 23786	40.42 1.74 0.00	37.77 1.56 0.00	36.28 1.30 0.00	35.55 1.20 0.00	35.93 1.11 0.00	39.76 1.18 -0.51	53.19 1.14 0.00	72.34 2.18 -1.98	52.13 1.47 0.00	40.17 1.58 -1.76	36.79 1.79 -1.86	35.81 1.73 -2.02	33.78 1.76 -1.75	33.53 1.88 -1.42	33.30 2.03 -1.44	35.37 2.14 -1.22	41.20 2.41 -0.49	54.25 2.24 0.00	62.58 2.35 0.00	60.94 2.29 0.00	48.55 1.82 0.00	44.35 1.71 0.00	41.26 1.74 0.00	38.34 1.67 -0.38
LINDHRST_69_KV_BK1 356055	41.54 2.86 0.00	38.64 2.43 0.00	37.01 2.03 0.00	36.20 1.85 0.00	36.59 1.78 0.00	40.45 1.87 -0.51	50.92 0.42 1.55	56.29 1.02 12.92	48.95 0.61 2.32	40.36 1.77 -1.77	37.43 2.42 -1.88	36.41 2.31 -2.05	34.35 2.30 -1.77	34.02 2.36 -1.43	33.89 2.60 -1.46	36.11 2.69 -1.41	41.05 2.26 -0.49	53.94 1.92 0.00	62.04 1.81 0.00	60.41 1.76 0.00	48.22 1.50 0.00	44.13 1.49 0.00	41.65 2.13 0.00	39.25 2.58 -0.38
LIPA_MISC_IPP 23656	40.81 2.13 0.00	37.96 1.74 0.00	36.31 1.33 0.00	35.52 1.17 0.00	35.93 1.11 0.00	39.76 1.18 -0.51	49.69 -1.15 1.21	51.56 -1.02 15.60	47.37 -0.81 2.47	39.59 0.99 -1.77	36.67 1.66 -1.88	35.67 1.57 -2.04	33.65 1.60 -1.77	33.33 1.66 -1.43	33.23 1.94 -1.46	35.41 2.11 -1.29	40.28 1.49 -0.49	52.69 0.68 0.00	60.47 0.24 0.00	58.88 0.23 0.00	47.10 0.37 0.00	43.28 0.64 0.00	41.06 1.54 0.00	38.74 2.07 -0.38
LISF____SOLAR 323691	40.57 1.89 0.00	37.99 1.77 0.00	36.38 1.40 0.00	35.55 1.20 0.00	35.93 1.11 0.00	39.72 1.14 -0.51	49.69 -1.10 1.26	51.59 -0.95 15.64	47.30 -0.86 2.50	39.59 0.99 -1.77	36.67 1.66 -1.88	35.70 1.60 -2.04	33.65 1.60 -1.77	33.30 1.63 -1.43	33.23 1.94 -1.46	35.45 2.14 -1.30	40.44 1.65 -0.49	52.95 0.94 0.00	60.59 0.36 0.00	59.00 0.35 0.00	47.19 0.47 0.00	43.41 0.77 0.00	40.59 1.07 0.00	38.74 2.07 -0.38
LITTLE FALLS____HYD 24013	40.61 1.93 0.00	38.10 1.88 0.00	36.80 1.82 0.00	36.10 1.75 0.00	36.63 1.81 0.00	40.16 2.09 0.00	55.07 3.02 0.00	71.93 3.75 0.00	53.29 2.63 0.00	38.63 1.80 0.00	34.89 1.76 0.00	33.72 1.67 0.00	31.82 1.54 0.00	31.75 1.51 0.00	31.32 1.49 0.00	33.57 1.57 0.00	40.18 1.88 0.00	54.62 2.60 0.00	63.24 3.01 0.00	61.64 2.99 0.00	49.16 2.43 0.00	45.03 2.39 0.00	41.73 2.21 0.00	38.32 2.03 0.00

LITTLRIV_115KV_TB1 356100	39.76 1.08 0.00	37.49 1.27 0.00	36.17 1.19 0.00	35.41 1.06 0.00	36.14 1.32 0.00	39.82 1.75 0.00	54.70 2.65 0.00	70.98 2.80 0.00	52.43 1.77 0.00	37.86 1.03 0.00	33.74 0.60 0.00	32.70 0.64 0.00	30.70 0.42 0.00	30.54 0.30 0.00	30.10 0.27 0.00	32.39 0.38 0.00	38.99 0.69 0.00	53.53 1.51 0.00	62.04 1.81 0.00	60.70 2.05 0.00	48.46 1.73 0.00	44.47 1.83 0.00	40.90 1.38 0.00	37.45 1.16 0.00
LI_NEWBRDGE___DRP 323616	41.04 2.36 0.00	38.25 2.03 0.00	36.62 1.64 0.00	35.86 1.51 0.00	36.24 1.43 0.00	40.07 1.48 -0.51	51.87 -0.05 0.13	53.57 0.55 15.15	49.00 0.30 1.96	40.11 1.51 -1.77	37.10 2.09 -1.88	36.12 2.02 -2.04	34.04 2.00 -1.77	33.75 2.09 -1.43	33.52 2.24 -1.46	35.63 2.37 -1.25	40.67 1.88 -0.49	53.42 1.40 0.00	61.50 1.26 0.00	59.88 1.23 0.00	47.76 1.03 0.00	43.71 1.07 0.00	41.18 1.66 0.00	38.81 2.14 -0.38
LOCKPORT_115KV_TB60_63_64 80432	38.60 -0.08 0.00	36.25 0.04 0.00	35.08 0.10 0.00	34.79 0.45 0.00	34.92 0.10 0.00	37.84 -0.23 0.00	52.10 0.05 0.00	67.23 -0.95 0.00	50.15 -0.51 0.00	36.75 -0.07 0.00	33.44 0.30 0.00	31.93 -0.13 0.00	30.06 -0.21 0.00	30.06 -0.18 0.00	29.62 -0.21 0.00	31.43 -0.58 0.00	37.04 -1.26 0.00	50.04 -1.98 0.00	57.76 -2.47 0.00	55.66 -2.99 0.00	44.76 -1.96 0.00	41.19 -1.45 0.00	38.53 -0.99 0.00	35.56 -0.73 0.00
LOCKPORT___CC1 323769	38.83 0.16 0.00	36.29 0.07 0.00	35.12 0.14 0.00	34.83 0.48 0.00	35.27 0.45 0.00	37.95 -0.11 0.00	52.10 0.05 0.00	67.30 -0.89 0.00	50.61 -0.05 0.00	36.75 -0.07 0.00	33.47 0.33 0.00	31.93 -0.13 0.00	30.12 -0.15 0.00	30.15 -0.09 0.00	29.65 -0.18 0.00	31.43 -0.58 0.00	36.96 -1.34 0.00	49.88 -2.13 0.00	57.76 -2.47 0.00	55.48 -3.17 0.00	44.77 -1.96 0.00	41.19 -1.45 0.00	38.65 -0.87 0.00	35.60 -0.69 0.00
LOCKPORT___CC2 323770	38.83 0.16 0.00	36.29 0.07 0.00	35.12 0.14 0.00	34.83 0.48 0.00	35.27 0.45 0.00	37.95 -0.11 0.00	52.10 0.05 0.00	67.30 -0.89 0.00	50.61 -0.05 0.00	36.75 -0.07 0.00	33.47 0.33 0.00	31.93 -0.13 0.00	30.12 -0.15 0.00	30.15 -0.09 0.00	29.65 -0.18 0.00	31.43 -0.58 0.00	36.96 -1.34 0.00	49.88 -2.13 0.00	57.76 -2.47 0.00	55.48 -3.17 0.00	44.77 -1.96 0.00	41.19 -1.45 0.00	38.65 -0.87 0.00	35.60 -0.69 0.00
LOCKPORT___CC3 323771	38.83 0.16 0.00	36.29 0.07 0.00	35.12 0.14 0.00	34.83 0.48 0.00	35.27 0.45 0.00	37.95 -0.11 0.00	52.10 0.05 0.00	67.30 -0.89 0.00	50.61 -0.05 0.00	36.75 -0.07 0.00	33.47 0.33 0.00	31.93 -0.13 0.00	30.12 -0.15 0.00	30.15 -0.09 0.00	29.65 -0.18 0.00	31.43 -0.58 0.00	36.96 -1.34 0.00	49.88 -2.13 0.00	57.76 -2.47 0.00	55.48 -3.17 0.00	44.77 -1.96 0.00	41.19 -1.45 0.00	38.65 -0.87 0.00	35.60 -0.69 0.00
LOCUSVLY_69_KV_BK2 55797	41.15 2.48 0.00	38.35 2.14 0.00	36.76 1.78 0.00	36.00 1.65 0.00	36.38 1.57 0.00	40.22 1.64 -0.51	50.89 0.52 1.68	61.21 1.30 8.27	49.66 0.86 1.86	40.33 1.73 -1.77	37.23 2.22 -1.88	36.29 2.18 -2.05	34.20 2.15 -1.78	33.90 2.24 -1.43	33.69 2.39 -1.47	36.03 2.53 -1.49	41.01 2.22 -0.49	54.05 2.03 0.00	62.28 2.05 0.00	60.59 1.94 0.00	48.27 1.54 0.00	44.13 1.49 0.00	41.42 1.90 0.00	38.92 2.25 -0.38
LONG_LAKE_PHOENIX 24014	38.06 -0.62 0.00	35.64 -0.58 0.00	34.42 -0.56 0.00	33.83 -0.52 0.00	34.29 -0.52 0.00	37.50 -0.57 0.00	51.37 -0.68 0.00	67.37 -0.82 0.00	49.95 -0.71 0.00	36.24 -0.59 0.00	32.64 -0.50 0.00	31.51 -0.54 0.00	29.76 -0.51 0.00	29.69 -0.54 0.00	29.26 -0.57 0.00	31.40 -0.61 0.00	37.57 -0.73 0.00	51.13 -0.88 0.00	59.27 -0.96 0.00	57.65 -1.00 0.00	45.98 -0.75 0.00	41.96 -0.68 0.00	38.89 -0.63 0.00	35.67 -0.62 0.00
LOVETT___3 23632	40.34 1.66 0.00	37.59 1.38 0.00	36.20 1.22 0.00	35.52 1.17 0.00	35.89 1.08 0.00	39.66 1.14 -0.45	53.19 1.15 0.00	71.96 2.05 -1.73	52.02 1.37 0.00	39.57 1.29 -1.46	36.21 1.52 -1.55	35.21 1.47 -1.68	33.24 1.51 -1.45	33.02 1.60 -1.18	32.78 1.76 -1.19	34.85 1.82 -1.01	40.73 2.03 -0.40	54.10 2.08 0.00	62.52 2.29 0.00	60.88 2.23 0.00	48.46 1.73 0.00	44.17 1.54 0.00	41.14 1.62 0.00	38.13 1.52 -0.32
LOVETT___4 23642	40.34 1.66 0.00	37.59 1.38 0.00	36.20 1.22 0.00	35.52 1.17 0.00	35.89 1.08 0.00	39.66 1.14 -0.45	53.19 1.15 0.00	71.96 2.05 -1.73	52.02 1.37 0.00	39.57 1.29 -1.46	36.21 1.52 -1.55	35.21 1.47 -1.68	33.24 1.51 -1.45	33.02 1.60 -1.18	32.78 1.76 -1.19	34.85 1.82 -1.01	40.73 2.03 -0.40	54.10 2.08 0.00	62.52 2.29 0.00	60.88 2.23 0.00	48.46 1.73 0.00	44.17 1.54 0.00	41.14 1.62 0.00	38.13 1.52 -0.32
LOVETT___5 23593	40.34 1.66 0.00	37.59 1.38 0.00	36.20 1.22 0.00	35.52 1.17 0.00	35.89 1.08 0.00	39.66 1.14 -0.45	53.19 1.15 0.00	71.96 2.05 -1.73	52.02 1.37 0.00	39.57 1.29 -1.46	36.21 1.52 -1.55	35.21 1.47 -1.68	33.24 1.51 -1.45	33.02 1.60 -1.18	32.78 1.76 -1.19	34.85 1.82 -1.01	40.73 2.03 -0.40	54.10 2.08 0.00	62.52 2.29 0.00	60.88 2.23 0.00	48.46 1.73 0.00	44.17 1.54 0.00	41.14 1.62 0.00	38.13 1.52 -0.32
LOWER RAQUET___HYD 24057	39.53 0.85 0.00	37.20 0.98 0.00	35.89 0.91 0.00	35.21 0.86 0.00	35.76 0.94 0.00	39.48 1.41 0.00	54.03 1.98 0.00	70.30 2.12 0.00	51.97 1.31 0.00	37.75 0.92 0.00	33.67 0.53 0.00	32.64 0.58 0.00	30.66 0.39 0.00	30.51 0.27 0.00	30.04 0.21 0.00	32.33 0.32 0.00	38.84 0.54 0.00	53.11 1.09 0.00	61.32 1.09 0.00	60.00 1.35 0.00	47.99 1.26 0.00	44.04 1.41 0.00	40.59 1.07 0.00	37.19 0.91 0.00
LOWER___HUDSON 24059	39.49 0.81 0.00	36.94 0.72 0.00	35.64 0.66 0.00	34.93 0.58 0.00	35.41 0.59 0.00	38.35 0.69 0.41	52.83 0.78 0.00	67.84 1.23 1.57	51.37 0.71 0.00	36.40 0.52 0.94	32.64 0.50 1.00	31.46 0.48 1.08	29.81 0.48 0.94	30.02 0.54 0.76	29.66 0.60 0.77	32.05 0.70 0.66	39.00 0.96 0.26	53.32 1.30 0.00	61.86 1.63 0.00	60.17 1.52 0.00	47.90 1.17 0.00	43.62 0.98 0.00	40.43 0.91 0.00	36.92 0.84 0.20
LOWVILLE_115KV_TB2 356335	39.68 1.01 0.00	37.38 1.16 0.00	36.06 1.08 0.00	35.24 0.89 0.00	35.96 1.15 0.00	39.67 1.60 0.00	54.75 2.71 0.00	71.39 3.20 0.00	52.53 1.87 0.00	37.64 0.81 0.00	33.67 0.53 0.00	32.51 0.45 0.00	30.60 0.33 0.00	30.48 0.24 0.00	30.04 0.21 0.00	32.33 0.32 0.00	38.80 0.50 0.00	53.47 1.46 0.00	62.28 2.05 0.00	60.88 2.23 0.00	48.50 1.78 0.00	44.47 1.83 0.00	40.82 1.30 0.00	37.30 1.02 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.88 1.20 0.00	37.34 1.12 0.00	36.03 1.05 0.00	35.38 1.03 0.00	35.86 1.04 0.00	38.89 1.14 0.32	53.56 1.51 0.00	69.15 2.18 1.22	51.92 1.27 0.00	36.72 0.63 0.74	32.82 0.46 0.78	31.63 0.42 0.84	29.90 0.36 0.73	30.10 0.45 0.59	29.68 0.45 0.60	32.10 0.61 0.51	39.02 0.92 0.20	53.68 1.66 0.00	62.40 2.17 0.00	60.64 1.99 0.00	48.32 1.59 0.00	44.00 1.36 0.00	40.74 1.23 0.00	37.22 1.09 0.16

LUTHERNY_35_KV_BK2 355980	39.92 1.24 0.00	37.34 1.12 0.00	36.06 1.08 0.00	35.38 1.03 0.00	35.86 1.04 0.00	38.93 1.18 0.32	53.56 1.51 0.00	69.15 2.18 1.22	51.92 1.27 0.00	36.75 0.66 0.74	32.82 0.46 0.78	31.63 0.42 0.84	29.90 0.36 0.73	30.10 0.45 0.59	29.71 0.48 0.60	32.10 0.61 0.51	39.02 0.92 0.20	53.73 1.72 0.00	62.46 2.23 0.00	60.64 1.99 0.00	48.36 1.64 0.00	44.05 1.41 0.00	40.74 1.23 0.00	37.22 1.09 0.16
LWR___OSWEGATCHIE_HYD 23850	39.57 0.89 0.00	37.27 1.05 0.00	35.96 0.98 0.00	35.21 0.86 0.00	35.89 1.08 0.00	39.55 1.48 0.00	54.39 2.34 0.00	70.77 2.59 0.00	52.23 1.57 0.00	37.67 0.85 0.00	33.64 0.50 0.00	32.54 0.48 0.00	30.57 0.30 0.00	30.42 0.18 0.00	29.98 0.15 0.00	32.26 0.26 0.00	38.68 0.38 0.00	53.16 1.14 0.00	61.68 1.45 0.00	60.29 1.64 0.00	48.13 1.40 0.00	44.30 1.66 0.00	40.70 1.19 0.00	37.23 0.94 0.00
LYONS_FALL_HYD 23570	39.57 0.89 0.00	37.20 0.98 0.00	35.89 0.91 0.00	35.10 0.75 0.00	35.79 0.97 0.00	39.44 1.37 0.00	54.34 2.29 0.00	70.91 2.73 0.00	52.28 1.62 0.00	37.56 0.74 0.00	33.64 0.50 0.00	32.47 0.42 0.00	30.61 0.33 0.00	30.51 0.27 0.00	30.07 0.24 0.00	32.33 0.32 0.00	38.80 0.50 0.00	53.37 1.35 0.00	62.04 1.81 0.00	60.58 1.93 0.00	48.27 1.54 0.00	44.17 1.53 0.00	40.62 1.10 0.00	37.16 0.87 0.00
MADISON___COUNTY_LFGE 323628	39.49 0.81 0.00	37.09 0.87 0.00	35.78 0.80 0.00	35.07 0.72 0.00	35.65 0.84 0.00	39.21 1.14 0.00	53.97 1.93 0.00	70.57 2.39 0.00	52.13 1.47 0.00	37.49 0.66 0.00	33.67 0.53 0.00	32.51 0.45 0.00	30.67 0.39 0.00	30.57 0.33 0.00	30.13 0.30 0.00	32.36 0.35 0.00	38.84 0.54 0.00	53.21 1.20 0.00	61.86 1.63 0.00	60.29 1.64 0.00	47.99 1.26 0.00	43.83 1.19 0.00	40.43 0.91 0.00	37.01 0.73 0.00
MALONE___115KV_TB1 356076	39.61 0.93 0.00	37.27 1.05 0.00	35.96 0.98 0.00	35.31 0.96 0.00	35.93 1.11 0.00	39.48 1.41 0.00	54.18 2.13 0.00	70.50 2.32 0.00	52.33 1.67 0.00	38.04 1.22 0.00	33.93 0.80 0.00	32.96 0.90 0.00	30.94 0.67 0.00	30.75 0.51 0.00	30.31 0.48 0.00	32.58 0.58 0.00	39.18 0.88 0.00	53.53 1.51 0.00	62.10 1.87 0.00	60.64 1.99 0.00	48.27 1.54 0.00	44.13 1.49 0.00	40.70 1.19 0.00	37.34 1.05 0.00
MAPLEWOD_115KV_TB3 80458	39.30 0.62 0.00	36.80 0.58 0.00	35.50 0.52 0.00	34.83 0.48 0.00	35.27 0.45 0.00	38.26 0.49 0.30	52.46 0.42 0.00	67.83 0.82 1.17	51.16 0.51 0.00	36.46 0.37 0.73	32.73 0.36 0.77	31.57 0.35 0.84	29.91 0.36 0.73	30.07 0.42 0.59	29.71 0.48 0.60	32.04 0.54 0.51	38.83 0.73 0.20	52.95 0.94 0.00	61.38 1.14 0.00	59.71 1.06 0.00	47.57 0.84 0.00	43.32 0.68 0.00	40.15 0.63 0.00	36.78 0.65 0.16
MAPLE_RIDGE_WT_1 323574	38.37 -0.31 0.00	36.00 -0.22 0.00	34.77 -0.21 0.00	34.18 -0.17 0.00	34.68 -0.14 0.00	37.99 -0.08 0.00	52.00 -0.05 0.00	68.12 -0.07 0.00	50.66 0.00 0.00	36.86 0.04 0.00	33.14 0.00 0.00	32.09 0.03 0.00	30.27 0.00 0.00	30.24 0.00 0.00	29.83 0.00 0.00	32.01 0.00 0.00	38.34 0.04 0.00	52.07 0.05 0.00	60.29 0.06 0.00	58.77 0.12 0.00	46.77 0.05 0.00	42.68 0.04 0.00	39.56 0.04 0.00	36.32 0.04 0.00
MAPLE_RIDGE_WT_2 323611	38.37 -0.31 0.00	36.00 -0.22 0.00	34.77 -0.21 0.00	34.18 -0.17 0.00	34.68 -0.14 0.00	37.99 -0.08 0.00	52.00 -0.05 0.00	68.12 -0.07 0.00	50.66 0.00 0.00	36.86 0.04 0.00	33.14 0.00 0.00	32.09 0.03 0.00	30.27 0.00 0.00	30.24 0.00 0.00	29.83 0.00 0.00	32.01 0.00 0.00	38.34 0.04 0.00	52.07 0.05 0.00	60.29 0.06 0.00	58.77 0.12 0.00	46.77 0.05 0.00	42.68 0.04 0.00	39.56 0.04 0.00	36.32 0.04 0.00
MARBLE_RIVER_WT_PWR 323696	39.29 0.62 0.00	36.94 0.72 0.00	35.68 0.70 0.00	35.07 0.72 0.00	35.55 0.73 0.00	39.10 1.03 0.00	53.19 1.14 0.00	69.27 1.09 0.00	51.52 0.86 0.00	37.82 0.99 0.00	33.80 0.66 0.00	32.80 0.74 0.00	30.79 0.51 0.00	30.63 0.39 0.00	30.16 0.33 0.00	32.42 0.41 0.00	38.95 0.65 0.00	52.74 0.73 0.00	61.25 1.02 0.00	59.76 1.11 0.00	47.43 0.70 0.00	43.36 0.72 0.00	40.35 0.83 0.00	37.01 0.73 0.00
MARSHVLE_115KV_TB1 80742	39.30 0.62 0.00	36.80 0.58 0.00	35.57 0.59 0.00	34.90 0.55 0.00	35.48 0.66 0.00	38.81 0.91 0.17	53.66 1.61 0.00	69.51 1.98 0.65	50.40 -0.25 0.00	35.19 -1.25 0.39	31.24 -1.49 0.41	30.08 -1.54 0.44	28.37 -1.51 0.38	28.47 -1.45 0.31	28.08 -1.43 0.32	30.39 -1.34 0.27	37.05 -1.15 0.11	52.43 0.42 0.00	61.68 1.45 0.00	59.94 1.29 0.00	47.80 1.07 0.00	43.71 1.07 0.00	40.27 0.75 0.00	36.71 0.51 0.08
MARSH_HILL_WT_PWR 323713	38.95 0.27 0.00	36.47 0.26 0.00	35.40 0.42 0.00	35.10 0.75 0.00	35.65 0.83 0.00	38.79 0.72 0.00	53.61 1.56 0.00	69.75 1.57 0.00	51.77 1.11 0.00	37.19 0.37 0.00	33.67 0.53 0.00	32.19 0.13 0.00	30.48 0.21 0.00	30.39 0.15 0.00	29.89 0.06 0.00	31.88 -0.13 0.00	37.96 -0.35 0.00	51.96 -0.05 0.00	60.83 0.60 0.00	58.65 0.00 0.00	46.96 0.23 0.00	42.90 0.26 0.00	40.03 0.51 0.00	36.76 0.47 0.00
MCINTYRE_115KV_TB2 80467	39.84 1.16 0.00	37.56 1.34 0.00	36.24 1.26 0.00	35.48 1.13 0.00	36.17 1.36 0.00	39.89 1.83 0.00	54.86 2.81 0.00	71.18 3.00 0.00	52.48 1.82 0.00	37.82 0.99 0.00	33.67 0.53 0.00	32.67 0.61 0.00	30.67 0.39 0.00	30.51 0.27 0.00	30.07 0.24 0.00	32.39 0.38 0.00	38.99 0.69 0.00	53.63 1.61 0.00	62.28 2.05 0.00	61.00 2.35 0.00	48.60 1.87 0.00	44.52 1.88 0.00	40.94 1.42 0.00	37.48 1.20 0.00
MECO_____69_KV_BK1 80468	40.15 1.47 0.00	37.59 1.38 0.00	36.31 1.33 0.00	35.65 1.31 0.00	36.24 1.43 0.00	39.67 1.79 0.19	54.75 2.71 0.00	70.93 3.48 0.73	51.57 0.91 0.00	35.91 -0.48 0.44	31.74 -0.93 0.47	30.49 -1.06 0.51	28.74 -1.09 0.44	28.88 -1.00 0.36	28.55 -0.92 0.36	31.03 -0.67 0.31	38.03 -0.15 0.12	53.79 1.77 0.00	63.18 2.95 0.00	61.29 2.64 0.00	48.92 2.20 0.00	44.64 2.00 0.00	41.10 1.58 0.00	37.46 1.27 0.10
MENANDS___115KV_TB5 355628	39.10 0.43 0.00	36.62 0.40 0.00	35.33 0.35 0.00	34.62 0.27 0.00	35.09 0.28 0.00	38.03 0.27 0.30	52.15 0.10 0.00	67.42 0.41 1.17	50.91 0.25 0.00	36.32 0.22 0.73	32.60 0.23 0.77	31.48 0.26 0.84	29.82 0.27 0.73	30.01 0.36 0.59	29.62 0.39 0.59	31.98 0.48 0.51	38.68 0.57 0.20	52.69 0.68 0.00	61.01 0.78 0.00	59.41 0.76 0.00	47.29 0.56 0.00	43.07 0.43 0.00	39.95 0.43 0.00	36.60 0.47 0.16
MG INDUSTRY___DRP 24185	39.30 0.62 0.00	36.80 0.58 0.00	35.54 0.56 0.00	34.90 0.55 0.00	35.34 0.52 0.00	38.63 0.69 0.12	52.72 0.68 0.00	68.87 1.16 0.47	51.11 0.46 0.00	36.81 0.26 0.27	33.05 0.20 0.29	31.94 0.19 0.31	30.18 0.18 0.27	30.29 0.27 0.22	29.91 0.30 0.22	32.24 0.42 0.19	38.74 0.54 0.10	52.80 0.78 0.00	61.13 0.90 0.00	59.53 0.88 0.00	47.47 0.75 0.00	43.24 0.60 0.00	40.11 0.59 0.00	36.86 0.65 0.08

MID___OSWEGATCHIE_HYD 23849	39.57 0.89 0.00	37.27 1.05 0.00	35.96 0.98 0.00	35.21 0.86 0.00	35.89 1.08 0.00	39.55 1.48 0.00	54.39 2.34 0.00	70.77 2.59 0.00	52.23 1.57 0.00	37.67 0.85 0.00	33.64 0.50 0.00	32.54 0.48 0.00	30.57 0.30 0.00	30.42 0.18 0.00	29.98 0.15 0.00	32.26 0.26 0.00	38.68 0.38 0.00	53.16 1.14 0.00	61.68 1.45 0.00	60.29 1.64 0.00	48.13 1.40 0.00	44.30 1.66 0.00	40.70 1.19 0.00	37.23 0.94 0.00
MID___RAQUETTE_HYD 23851	39.53 0.85 0.00	37.20 0.98 0.00	35.89 0.91 0.00	35.21 0.86 0.00	35.86 1.04 0.00	39.48 1.41 0.00	54.03 1.98 0.00	70.30 2.11 0.00	52.02 1.37 0.00	37.75 0.92 0.00	33.67 0.53 0.00	32.63 0.58 0.00	30.67 0.39 0.00	30.51 0.27 0.00	30.04 0.21 0.00	32.33 0.32 0.00	38.84 0.54 0.00	53.11 1.09 0.00	61.32 1.08 0.00	60.00 1.35 0.00	47.99 1.26 0.00	44.09 1.45 0.00	40.59 1.07 0.00	37.19 0.91 0.00
MILLIKEN___1 23584	39.18 0.50 0.00	36.69 0.47 0.00	35.43 0.45 0.00	34.86 0.52 0.00	35.34 0.52 0.00	38.71 0.65 0.00	53.30 1.25 0.00	69.82 1.64 0.00	51.57 0.91 0.00	37.19 0.37 0.00	33.47 0.33 0.00	32.22 0.16 0.00	30.45 0.18 0.00	30.36 0.12 0.00	29.92 0.09 0.00	32.10 0.10 0.00	38.53 0.23 0.00	52.69 0.68 0.00	61.32 1.08 0.00	59.53 0.88 0.00	47.52 0.79 0.00	43.28 0.64 0.00	40.07 0.55 0.00	36.76 0.47 0.00
MILLIKEN___2 23585	39.18 0.50 0.00	36.69 0.47 0.00	35.43 0.45 0.00	34.86 0.52 0.00	35.34 0.52 0.00	38.71 0.65 0.00	53.30 1.25 0.00	69.82 1.64 0.00	51.57 0.91 0.00	37.19 0.37 0.00	33.47 0.33 0.00	32.22 0.16 0.00	30.45 0.18 0.00	30.36 0.12 0.00	29.92 0.09 0.00	32.10 0.10 0.00	38.53 0.23 0.00	52.69 0.68 0.00	61.32 1.08 0.00	59.53 0.88 0.00	47.52 0.79 0.00	43.28 0.64 0.00	40.07 0.55 0.00	36.76 0.47 0.00
MILLIKEN___DIESEL 23629	39.18 0.50 0.00	36.69 0.47 0.00	35.43 0.45 0.00	34.86 0.52 0.00	35.34 0.52 0.00	38.71 0.65 0.00	53.30 1.25 0.00	69.82 1.64 0.00	51.57 0.91 0.00	37.19 0.37 0.00	33.47 0.33 0.00	32.22 0.16 0.00	30.45 0.18 0.00	30.36 0.12 0.00	29.92 0.09 0.00	32.10 0.10 0.00	38.53 0.23 0.00	52.69 0.68 0.00	61.32 1.08 0.00	59.53 0.88 0.00	47.52 0.79 0.00	43.28 0.64 0.00	40.07 0.55 0.00	36.76 0.47 0.00
MILLSEAT___LFGE 323607	39.29 0.62 0.00	36.69 0.47 0.00	35.51 0.53 0.00	35.14 0.79 0.00	35.65 0.83 0.00	38.53 0.46 0.00	52.99 0.94 0.00	68.66 0.48 0.00	51.47 0.81 0.00	37.27 0.44 0.00	33.80 0.66 0.00	32.28 0.23 0.00	30.42 0.15 0.00	30.51 0.27 0.00	29.95 0.12 0.00	31.78 -0.22 0.00	37.46 -0.84 0.00	50.92 -1.09 0.00	59.03 -1.20 0.00	56.83 -1.82 0.00	45.70 -1.03 0.00	42.00 -0.64 0.00	39.24 -0.27 0.00	36.03 -0.25 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.38 1.70 0.00	37.63 1.41 0.00	36.20 1.22 0.00	35.52 1.17 0.00	35.93 1.11 0.00	39.68 1.14 -0.47	53.19 1.15 0.00	72.03 2.05 -1.80	52.02 1.37 0.00	39.65 1.33 -1.50	36.25 1.52 -1.59	35.29 1.51 -1.72	33.28 1.51 -1.49	33.05 1.60 -1.21	32.82 1.76 -1.23	34.87 1.82 -1.04	40.78 2.07 -0.41	54.10 2.08 0.00	62.52 2.29 0.00	60.88 2.23 0.00	48.46 1.73 0.00	44.17 1.54 0.00	41.14 1.62 0.00	38.14 1.52 -0.33
MILLWOOD_13_KV_LOAD 356217	40.42 1.74 0.00	37.70 1.48 0.00	36.31 1.33 0.00	35.58 1.24 0.00	36.00 1.18 0.00	39.75 1.22 -0.47	53.35 1.30 0.00	72.17 2.18 -1.80	52.13 1.47 0.00	39.65 1.33 -1.50	36.28 1.56 -1.59	35.29 1.51 -1.72	33.31 1.54 -1.49	33.08 1.63 -1.21	32.85 1.79 -1.23	34.91 1.86 -1.04	40.82 2.11 -0.41	54.20 2.18 0.00	62.58 2.35 0.00	61.00 2.35 0.00	48.55 1.82 0.00	44.26 1.62 0.00	41.18 1.66 0.00	38.21 1.60 -0.33
MODEL_CITY_ENERGY 24167	38.52 -0.15 0.00	35.97 -0.25 0.00	34.77 -0.21 0.00	34.49 0.14 0.00	34.96 0.14 0.00	37.57 -0.50 0.00	51.58 -0.47 0.00	66.55 -1.64 0.00	50.10 -0.56 0.00	36.42 -0.40 0.00	33.17 0.03 0.00	31.64 -0.42 0.00	29.88 -0.39 0.00	29.88 -0.36 0.00	29.38 -0.45 0.00	31.14 -0.86 0.00	36.62 -1.68 0.00	49.37 -2.65 0.00	57.10 -3.13 0.00	54.84 -3.81 0.00	44.25 -2.48 0.00	40.76 -1.88 0.00	38.29 -1.23 0.00	35.27 -1.02 0.00
MODERN_LFGE___ 323580	38.52 -0.15 0.00	35.97 -0.25 0.00	34.77 -0.21 0.00	34.49 0.14 0.00	34.96 0.14 0.00	37.57 -0.50 0.00	51.58 -0.47 0.00	66.55 -1.64 0.00	50.10 -0.56 0.00	36.42 -0.40 0.00	33.17 0.03 0.00	31.64 -0.42 0.00	29.88 -0.39 0.00	29.88 -0.36 0.00	29.38 -0.45 0.00	31.14 -0.86 0.00	36.62 -1.68 0.00	49.37 -2.65 0.00	57.10 -3.13 0.00	54.84 -3.81 0.00	44.25 -2.48 0.00	40.76 -1.88 0.00	38.29 -1.23 0.00	35.27 -1.02 0.00
MOHAWK_PAPER___DRP 24187	39.30 0.62 0.00	36.80 0.58 0.00	35.50 0.52 0.00	34.83 0.48 0.00	35.27 0.45 0.00	38.26 0.49 0.30	52.46 0.42 0.00	67.83 0.82 1.17	51.16 0.51 0.00	36.46 0.37 0.73	32.73 0.36 0.77	31.57 0.35 0.84	29.91 0.36 0.73	30.07 0.42 0.59	29.71 0.48 0.60	32.04 0.54 0.51	38.83 0.73 0.20	52.95 0.94 0.00	61.38 1.14 0.00	59.71 1.06 0.00	47.57 0.84 0.00	43.32 0.68 0.00	40.15 0.63 0.00	36.78 0.65 0.16
MOHICAN___35_KV_115KV_LD 80490	39.84 1.16 0.00	37.34 1.12 0.00	36.06 1.08 0.00	35.41 1.06 0.00	35.93 1.11 0.00	38.94 1.18 0.31	53.66 1.61 0.00	69.38 2.39 1.19	51.87 1.22 0.00	36.58 0.48 0.72	32.57 0.20 0.76	31.36 0.13 0.83	29.61 0.06 0.72	29.81 0.15 0.58	29.39 0.15 0.59	31.83 0.32 0.50	38.72 0.61 0.20	53.63 1.61 0.00	62.52 2.29 0.00	60.64 1.99 0.00	48.36 1.64 0.00	44.00 1.36 0.00	40.67 1.15 0.00	37.15 1.02 0.16
MONGAUP___HYD 23641	40.53 1.86 0.00	37.85 1.63 0.00	36.45 1.47 0.00	35.76 1.41 0.00	36.17 1.36 0.00	39.91 1.45 -0.40	54.03 1.98 0.00	72.66 2.93 -1.55	52.33 1.67 0.00	39.37 1.21 -1.33	35.84 1.29 -1.41	34.80 1.22 -1.53	32.84 1.24 -1.32	32.64 1.33 -1.07	32.41 1.49 -1.09	34.53 1.60 -0.92	40.66 1.99 -0.37	54.56 2.55 0.00	63.18 2.95 0.00	61.64 2.99 0.00	48.97 2.24 0.00	44.60 1.96 0.00	41.34 1.82 0.00	38.28 1.71 -0.29
MONTAUK___DIESEL 23721	40.34 1.66 0.00	37.45 1.23 0.00	35.82 0.84 0.00	35.03 0.69 0.00	35.44 0.63 0.00	39.27 0.69 -0.51	48.53 -2.29 1.23	50.11 -2.45 15.62	46.20 -1.98 2.48	38.60 0.00 -1.77	35.81 0.80 -1.88	34.87 0.77 -2.04	32.89 0.85 -1.77	32.57 0.91 -1.43	32.63 0.91 -1.46	34.87 1.34 -1.29	39.82 1.57 -0.49	52.33 1.03 0.00	60.29 0.06 0.00	58.94 0.29 0.00	47.15 0.42 0.00	43.28 0.64 0.00	40.90 1.38 0.00	38.70 2.03 -0.38
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.41 0.73 0.00	37.05 0.83 0.00	35.92 0.94 0.00	35.69 1.34 0.00	35.79 0.97 0.00	39.02 0.95 0.00	54.34 2.29 0.00	70.37 2.18 0.00	52.13 1.47 0.00	37.93 1.10 0.00	34.60 1.46 0.00	33.02 0.96 0.00	31.12 0.85 0.00	31.05 0.82 0.00	30.64 0.81 0.00	32.42 0.42 0.00	38.34 0.04 0.00	52.07 0.05 0.00	60.47 0.24 0.00	58.12 -0.53 0.00	46.45 -0.28 0.00	42.64 0.00 0.00	39.72 0.20 0.00	36.47 0.18 0.00

MORRIS RIDGE___SOLAR 323848	38.95 0.27 0.00	36.40 0.18 0.00	35.29 0.31 0.00	34.93 0.58 0.00	35.41 0.59 0.00	38.37 0.30 0.00	52.93 0.88 0.00	68.73 0.54 0.00	51.06 0.40 0.00	36.75 -0.07 0.00	33.34 0.20 0.00	31.87 -0.19 0.00	30.15 -0.12 0.00	30.12 -0.12 0.00	29.62 -0.21 0.00	31.49 -0.51 0.00	37.38 -0.92 0.00	51.03 -0.99 0.00	59.63 -0.60 0.00	57.42 -1.23 0.00	46.03 -0.70 0.00	42.17 -0.47 0.00	39.40 -0.12 0.00	36.25 -0.04 0.00
MORTIMER_115KV_TB3 55949	38.76 0.08 0.00	36.36 0.14 0.00	35.15 0.17 0.00	34.62 0.27 0.00	34.99 0.17 0.00	38.22 0.15 0.00	52.46 0.42 0.00	68.46 0.27 0.00	50.86 0.20 0.00	37.08 0.26 0.00	33.47 0.33 0.00	32.15 0.10 0.00	30.30 0.03 0.00	30.30 0.06 0.00	29.80 -0.03 0.00	31.81 -0.19 0.00	37.80 -0.50 0.00	51.55 -0.47 0.00	59.63 -0.60 0.00	57.77 -0.88 0.00	46.21 -0.51 0.00	42.26 -0.38 0.00	39.24 -0.28 0.00	36.00 -0.29 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.69 2.01 0.00	37.92 1.70 0.00	36.45 1.47 0.00	35.76 1.41 0.00	36.14 1.32 0.00	39.99 1.41 -0.51	53.40 1.35 0.00	72.55 2.39 -1.98	52.38 1.72 0.00	40.25 1.66 -1.77	36.86 1.86 -1.87	35.88 1.80 -2.03	33.85 1.82 -1.76	33.60 1.94 -1.42	33.36 2.09 -1.44	35.41 2.18 -1.23	41.24 2.45 -0.49	54.41 2.39 0.00	62.76 2.53 0.00	61.11 2.46 0.00	48.74 2.01 0.00	44.47 1.83 0.00	41.46 1.94 0.00	38.48 1.81 -0.38
MUNSVILLE_WIND_PWR 323609	40.61 1.93 0.00	38.28 2.06 0.00	36.94 1.96 0.00	36.10 1.75 0.00	36.94 2.12 0.00	40.92 2.86 0.00	56.94 4.89 0.00	74.32 6.14 0.00	54.46 3.80 0.00	38.61 1.62 -0.17	34.54 1.23 -0.18	33.21 0.96 -0.19	31.22 0.79 -0.17	30.98 0.60 -0.14	30.51 0.54 -0.14	32.89 0.77 -0.12	39.61 1.26 -0.05	55.24 3.23 0.00	64.57 4.34 0.00	62.93 4.28 0.00	50.23 3.51 0.00	45.84 3.20 0.00	42.13 2.61 0.00	38.50 2.18 -0.04
N SALMON___HYD 24042	39.60 0.93 0.00	37.27 1.05 0.00	35.96 0.98 0.00	35.31 0.96 0.00	35.83 1.01 0.00	39.48 1.41 0.00	54.18 2.13 0.00	70.50 2.32 0.00	52.33 1.67 0.00	38.04 1.21 0.00	33.93 0.79 0.00	32.95 0.90 0.00	30.94 0.67 0.00	30.75 0.51 0.00	30.31 0.48 0.00	32.58 0.58 0.00	39.18 0.88 0.00	53.53 1.51 0.00	62.10 1.87 0.00	60.65 2.00 0.00	48.27 1.54 0.00	44.00 1.36 0.00	40.70 1.18 0.00	37.34 1.05 0.00
N.AKRON__115KV_KNAPP 355671	39.06 0.39 0.00	36.65 0.43 0.00	35.47 0.49 0.00	35.14 0.79 0.00	35.30 0.49 0.00	38.37 0.30 0.00	52.88 0.83 0.00	68.52 0.34 0.00	50.96 0.30 0.00	37.23 0.41 0.00	33.80 0.66 0.00	32.25 0.19 0.00	30.36 0.09 0.00	30.42 0.18 0.00	29.92 0.09 0.00	31.75 -0.26 0.00	37.50 -0.80 0.00	50.92 -1.09 0.00	58.85 -1.39 0.00	56.83 -1.82 0.00	45.61 -1.12 0.00	41.91 -0.72 0.00	39.08 -0.43 0.00	35.96 -0.33 0.00
N.E_GEN_SANDY PD 24062	39.45 0.77 0.00	36.87 0.65 0.00	35.51 0.53 0.00	32.03 0.45 2.76	35.20 0.38 0.00	36.00 0.42 2.49	52.54 0.31 -0.17	60.00 0.75 8.94	51.06 0.40 0.00	32.39 0.55 4.99	28.52 0.66 5.28	27.00 0.67 5.73	26.00 0.70 4.97	27.00 0.78 4.02	26.65 0.89 4.07	29.50 0.96 3.47	38.11 1.19 1.38	53.21 1.20 0.00	61.62 1.39 0.00	60.00 1.35 0.00	47.71 0.98 0.00	43.45 0.81 0.00	40.35 0.83 0.00	36.00 0.80 1.08
N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.42 1.74 0.00	37.67 1.45 0.00	36.24 1.26 0.00	35.55 1.20 0.00	35.96 1.15 0.00	39.69 1.18 -0.45	53.30 1.25 0.00	72.09 2.18 -1.72	52.08 1.42 0.00	39.61 1.33 -1.46	36.24 1.56 -1.54	35.24 1.51 -1.67	33.27 1.54 -1.45	33.04 1.63 -1.17	32.78 1.76 -1.19	34.84 1.82 -1.01	40.77 2.07 -0.40	54.15 2.13 0.00	62.64 2.41 0.00	61.05 2.40 0.00	48.55 1.82 0.00	44.26 1.62 0.00	41.18 1.66 0.00	38.20 1.60 -0.32
N.QUEENS_27_KV_LOAD 356247	41.05 2.36 -0.01	38.29 2.06 -0.01	36.81 1.82 -0.01	36.07 1.72 -0.01	36.49 1.67 -0.01	40.29 1.71 -0.51	53.30 1.25 0.00	72.27 2.11 -1.97	52.08 1.42 0.00	40.28 1.69 -1.76	36.93 1.92 -1.87	35.94 1.86 -2.03	33.93 1.91 -1.76	33.68 2.03 -1.42	33.45 2.18 -1.44	35.54 2.30 -1.22	41.43 2.64 -0.49	54.09 2.08 0.01	62.39 2.17 0.01	60.75 2.11 0.01	48.50 1.78 0.00	44.39 1.75 0.00	41.69 2.17 0.00	38.93 2.25 -0.39
N.TROY___115KV_TB1 355778	39.53 0.85 0.00	36.94 0.72 0.00	35.64 0.66 0.00	34.93 0.58 0.00	35.41 0.59 0.00	38.34 0.69 0.41	52.83 0.78 0.00	67.84 1.23 1.57	51.47 0.81 0.00	36.40 0.52 0.94	32.64 0.50 1.00	31.45 0.48 1.08	29.82 0.48 0.94	30.02 0.54 0.76	29.66 0.60 0.77	32.06 0.70 0.66	39.00 0.96 0.26	53.32 1.30 0.00	61.86 1.63 0.00	60.17 1.52 0.00	47.90 1.17 0.00	43.58 0.94 0.00	40.43 0.91 0.00	36.92 0.83 0.20
NARROWS_GT1_1 24228	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NARROWS_GT1_2 24229	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NARROWS_GT1_3 24230	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NARROWS_GT1_4 24231	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NARROWS_GT1_5 24232	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39

NARROWS_GT1_6 24233	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NARROWS_GT1_7 24234	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NARROWS_GT1_8 24235	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NARROWS_GT2_1 24236	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NARROWS_GT2_2 24237	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NARROWS_GT2_3 24238	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NARROWS_GT2_4 24239	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NARROWS_GT2_5 24240	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NARROWS_GT2_6 24241	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NARROWS_GT2_7 24242	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NARROWS_GT2_8 24243	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.57 0.89 0.00	37.09 0.87 0.00	35.78 0.80 0.00	35.14 0.79 0.00	35.58 0.77 0.00	39.78 1.71 0.00	54.03 1.98 0.00	71.73 3.55 0.00	52.02 1.37 0.00	37.71 0.88 0.00	33.67 0.53 0.00	32.54 0.48 0.00	30.73 0.45 0.00	30.81 0.57 0.00	30.49 0.66 0.00	32.87 0.86 0.00	39.26 0.96 0.00	53.32 1.30 0.00	61.86 1.63 0.00	60.29 1.64 0.00	47.94 1.21 0.00	43.58 0.94 0.00	40.35 0.83 0.00	37.37 1.09 0.00
NCHELSEA_115KV_TR2 355582	40.46 1.78 0.00	37.77 1.56 0.00	36.34 1.36 0.00	35.65 1.31 0.00	36.07 1.25 0.00	39.79 1.29 -0.43	53.61 1.56 0.00	72.38 2.52 -1.67	52.28 1.62 0.00	39.83 1.33 -1.68	36.34 1.42 -1.78	35.37 1.38 -1.93	33.34 1.39 -1.67	33.10 1.51 -1.35	32.87 1.67 -1.37	34.93 1.76 -1.17	40.83 2.07 -0.46	54.36 2.34 0.00	62.82 2.59 0.00	61.23 2.58 0.00	48.69 1.96 0.00	44.35 1.71 0.00	41.22 1.70 0.00	38.25 1.60 -0.36
NEG CAPITAL___MECHNVIL 23645	39.92 1.24 0.00	37.34 1.12 0.00	36.07 1.09 0.00	35.38 1.03 0.00	35.86 1.04 0.00	38.90 1.18 0.35	53.61 1.56 0.00	69.08 2.25 1.35	51.97 1.31 0.00	36.75 0.74 0.81	32.84 0.56 0.86	31.64 0.51 0.93	29.92 0.45 0.81	30.13 0.54 0.65	29.73 0.57 0.66	32.15 0.70 0.56	39.11 1.03 0.22	53.84 1.82 0.00	62.58 2.35 0.00	60.82 2.17 0.00	48.46 1.73 0.00	44.09 1.45 0.00	40.78 1.26 0.00	37.27 1.16 0.17
NEG CENTRAL_HIGH_ACRES 23767	37.98 -0.70 0.00	35.53 -0.69 0.00	34.35 -0.63 0.00	33.83 -0.51 0.00	34.33 -0.49 0.00	37.46 -0.61 0.00	51.37 -0.68 0.00	67.16 -1.02 0.00	50.05 -0.61 0.00	36.27 -0.55 0.00	32.71 -0.43 0.00	31.45 -0.61 0.00	29.67 -0.61 0.00	29.54 -0.69 0.00	29.03 -0.80 0.00	31.14 -0.86 0.00	37.04 -1.26 0.00	50.61 -1.40 0.00	58.61 -1.62 0.00	56.77 -1.88 0.00	45.42 -1.31 0.00	41.49 -1.15 0.00	38.49 -1.03 0.00	35.27 -1.02 0.00



NEG CENTRAL___DRP 24199	38.79 0.12 0.00	36.33 0.11 0.00	35.12 0.14 0.00	34.62 0.27 0.00	35.06 0.24 0.00	38.37 0.30 0.00	52.72 0.68 0.00	69.00 0.82 0.00	51.06 0.41 0.00	36.97 0.15 0.00	33.34 0.20 0.00	32.06 0.00 0.00	30.30 0.03 0.00	30.21 -0.03 0.00	29.74 -0.09 0.00	31.85 -0.16 0.00	38.11 -0.19 0.00	51.96 -0.05 0.00	60.47 0.24 0.00	58.65 0.00 0.00	46.77 0.05 0.00	42.64 0.00 0.00	39.60 0.08 0.00	36.36 0.07 0.00
NEG CENTRAL___INDECK 23768	40.03 1.35 0.00	37.41 1.19 0.00	36.24 1.26 0.00	35.79 1.44 0.00	36.35 1.53 0.00	39.67 1.60 0.00	54.70 2.65 0.00	71.39 3.21 0.00	52.78 2.13 0.00	37.82 0.99 0.00	34.03 0.90 0.00	32.57 0.51 0.00	30.75 0.48 0.00	30.72 0.48 0.00	30.19 0.36 0.00	32.29 0.29 0.00	38.49 0.19 0.00	53.00 0.99 0.00	61.98 1.75 0.00	59.94 1.29 0.00	47.94 1.21 0.00	43.83 1.19 0.00	40.67 1.15 0.00	37.19 0.91 0.00
NEG CENTRAL___SENECA 23627	39.03 0.35 0.00	36.58 0.36 0.00	35.36 0.38 0.00	34.86 0.52 0.00	35.30 0.49 0.00	38.64 0.57 0.00	53.14 1.09 0.00	69.48 1.30 0.00	51.32 0.66 0.00	37.23 0.41 0.00	33.57 0.43 0.00	32.25 0.19 0.00	30.45 0.18 0.00	30.33 0.09 0.00	29.86 0.03 0.00	31.97 -0.03 0.00	38.22 -0.08 0.00	52.17 0.16 0.00	60.71 0.48 0.00	58.83 0.18 0.00	46.91 0.19 0.00	42.77 0.13 0.00	39.80 0.28 0.00	36.54 0.25 0.00
NEG CENTRAL___STATE_STREET 24147	38.64 -0.04 0.00	36.18 -0.04 0.00	34.95 -0.03 0.00	34.38 0.03 0.00	34.82 0.00 0.00	38.14 0.08 0.00	52.46 0.42 0.00	68.73 0.55 0.00	50.86 0.20 0.00	36.83 0.00 0.00	33.14 0.00 0.00	31.96 -0.10 0.00	30.21 -0.06 0.00	30.09 -0.15 0.00	29.65 -0.18 0.00	31.81 -0.19 0.00	38.11 -0.19 0.00	52.02 0.00 0.00	60.47 0.24 0.00	58.71 0.06 0.00	46.82 0.09 0.00	42.68 0.04 0.00	39.52 0.00 0.00	36.25 -0.04 0.00
NEG MILLWOOD___DRP 24198	40.53 1.86 0.00	37.85 1.63 0.00	36.45 1.47 0.00	35.76 1.41 0.00	36.17 1.36 0.00	39.95 1.41 -0.47	53.77 1.72 0.00	72.68 2.66 -1.83	52.43 1.77 0.00	39.92 1.33 -1.77	36.50 1.49 -1.87	35.53 1.44 -2.03	33.48 1.45 -1.76	33.20 1.54 -1.42	33.00 1.73 -1.44	35.03 1.79 -1.23	40.97 2.18 -0.49	54.41 2.39 0.00	62.82 2.59 0.00	61.29 2.64 0.00	48.69 1.96 0.00	44.43 1.79 0.00	41.26 1.74 0.00	38.30 1.63 -0.38
NEG NORTH_FLCN_SEA 23793	39.30 0.62 0.00	36.94 0.72 0.00	35.68 0.70 0.00	35.07 0.72 0.00	35.62 0.80 0.00	39.09 1.03 0.00	53.09 1.04 0.00	69.14 0.95 0.00	51.42 0.76 0.00	37.78 0.96 0.00	33.77 0.63 0.00	32.76 0.71 0.00	30.79 0.51 0.00	30.60 0.36 0.00	30.16 0.33 0.00	32.39 0.38 0.00	38.95 0.65 0.00	52.64 0.62 0.00	61.13 0.90 0.00	59.65 1.00 0.00	47.33 0.61 0.00	43.62 0.98 0.00	40.35 0.83 0.00	37.01 0.73 0.00
NEG NORTH_KES_CHATEGAY 23792	39.14 0.46 0.00	36.76 0.54 0.00	35.47 0.49 0.00	34.86 0.52 0.00	35.41 0.59 0.00	38.83 0.76 0.00	53.14 1.09 0.00	69.21 1.02 0.00	51.47 0.81 0.00	37.45 0.63 0.00	33.50 0.36 0.00	32.47 0.42 0.00	30.54 0.27 0.00	30.42 0.18 0.00	29.98 0.15 0.00	32.23 0.22 0.00	38.72 0.42 0.00	52.69 0.68 0.00	61.13 0.90 0.00	59.71 1.06 0.00	47.43 0.70 0.00	43.36 0.72 0.00	40.11 0.59 0.00	36.79 0.51 0.00
NEG NORTH___ALICE_FALLS 23915	39.45 0.77 0.00	37.09 0.87 0.00	35.82 0.84 0.00	35.21 0.86 0.00	35.79 0.97 0.00	39.29 1.22 0.00	53.61 1.56 0.00	69.75 1.57 0.00	51.87 1.22 0.00	37.89 1.07 0.00	33.83 0.70 0.00	32.86 0.80 0.00	30.85 0.58 0.00	30.66 0.42 0.00	30.22 0.39 0.00	32.49 0.48 0.00	39.07 0.77 0.00	53.11 1.09 0.00	61.68 1.45 0.00	60.23 1.58 0.00	47.80 1.07 0.00	43.88 1.24 0.00	40.55 1.03 0.00	37.19 0.91 0.00
NEG NORTH___LWR_SARANAC 23913	39.45 0.77 0.00	37.09 0.87 0.00	35.82 0.84 0.00	35.21 0.86 0.00	35.79 0.97 0.00	39.29 1.22 0.00	53.61 1.56 0.00	69.75 1.57 0.00	51.87 1.22 0.00	37.89 1.07 0.00	33.83 0.70 0.00	32.86 0.80 0.00	30.85 0.58 0.00	30.66 0.42 0.00	30.22 0.39 0.00	32.49 0.48 0.00	39.07 0.77 0.00	53.11 1.09 0.00	61.68 1.45 0.00	60.23 1.58 0.00	47.80 1.07 0.00	43.88 1.24 0.00	40.55 1.03 0.00	37.19 0.91 0.00
NEG NORTH___PLATTSBURG 23628	39.45 0.77 0.00	37.09 0.87 0.00	35.82 0.84 0.00	35.21 0.86 0.00	35.69 0.87 0.00	39.28 1.22 0.00	53.61 1.56 0.00	69.75 1.57 0.00	51.87 1.21 0.00	37.89 1.07 0.00	33.84 0.70 0.00	32.86 0.80 0.00	30.85 0.57 0.00	30.66 0.42 0.00	30.22 0.39 0.00	32.49 0.48 0.00	39.07 0.77 0.00	53.11 1.09 0.00	61.67 1.44 0.00	60.23 1.58 0.00	47.80 1.08 0.00	43.66 1.02 0.00	40.54 1.03 0.00	37.19 0.91 0.00
NEG WEST_LEA_LOCKPORT 23791	38.60 -0.08 0.00	36.29 0.07 0.00	35.12 0.14 0.00	34.83 0.48 0.00	34.92 0.10 0.00	37.88 -0.19 0.00	52.10 0.05 0.00	67.23 -0.95 0.00	50.15 -0.51 0.00	36.75 -0.07 0.00	33.47 0.33 0.00	31.93 -0.13 0.00	30.09 -0.18 0.00	30.09 -0.15 0.00	29.65 -0.18 0.00	31.43 -0.58 0.00	37.04 -1.26 0.00	50.04 -1.98 0.00	57.76 -2.47 0.00	55.66 -2.99 0.00	44.76 -1.96 0.00	41.19 -1.45 0.00	38.57 -0.95 0.00	35.60 -0.69 0.00
NEG WEST___LANCASTR 23811	38.06 -0.62 0.00	35.71 -0.51 0.00	34.60 -0.38 0.00	34.31 -0.03 0.00	34.43 -0.38 0.00	37.42 -0.65 0.00	51.94 -0.10 0.00	67.16 -1.02 0.00	49.75 -0.91 0.00	36.27 -0.55 0.00	33.14 0.00 0.00	31.64 -0.42 0.00	29.85 -0.42 0.00	29.78 -0.45 0.00	29.35 -0.48 0.00	31.11 -0.90 0.00	36.81 -1.49 0.00	49.88 -2.13 0.00	57.94 -2.29 0.00	55.78 -2.87 0.00	44.58 -2.15 0.00	40.93 -1.71 0.00	38.25 -1.26 0.00	35.31 -0.98 0.00
NEG_PENN_ALLEGHNY 23528	39.14 0.47 0.00	36.54 0.33 0.00	35.37 0.39 0.00	34.83 0.48 0.00	35.27 0.45 0.00	38.49 0.42 0.00	52.93 0.88 0.00	69.21 1.02 0.00	51.27 0.61 0.00	37.30 0.29 -0.18	33.76 0.43 -0.19	32.56 0.29 -0.21	30.76 0.30 -0.18	30.66 0.27 -0.15	30.22 0.24 -0.15	32.29 0.16 -0.13	38.47 0.12 -0.05	52.23 0.21 0.00	60.71 0.48 0.00	58.89 0.24 0.00	47.01 0.28 0.00	42.90 0.26 0.00	39.83 0.31 0.00	36.65 0.33 -0.04
NEG___GEN_MONROE 24207	39.03 0.35 0.00	36.62 0.40 0.00	35.40 0.42 0.00	34.90 0.55 0.00	35.23 0.42 0.00	38.49 0.42 0.00	52.83 0.78 0.00	68.73 0.55 0.00	51.01 0.35 0.00	37.16 0.33 0.00	33.57 0.43 0.00	32.22 0.16 0.00	30.33 0.06 0.00	30.33 0.09 0.00	29.80 -0.03 0.00	31.78 -0.22 0.00	37.69 -0.61 0.00	51.34 -0.68 0.00	59.45 -0.78 0.00	57.65 -1.00 0.00	46.12 -0.61 0.00	42.26 -0.38 0.00	39.28 -0.24 0.00	36.10 -0.18 0.00
NEPA___ENERGY 23901	38.87 0.19 0.00	36.43 0.22 0.00	35.36 0.38 0.00	35.03 0.69 0.00	35.20 0.38 0.00	38.22 0.15 0.00	53.04 0.99 0.00	68.66 0.48 0.00	50.76 0.10 0.00	37.01 0.18 0.00	33.83 0.70 0.00	32.31 0.26 0.00	30.51 0.24 0.00	30.42 0.18 0.00	30.01 0.18 0.00	31.75 -0.26 0.00	37.57 -0.73 0.00	50.87 -1.14 0.00	59.27 -0.96 0.00	56.95 -1.70 0.00	45.56 -1.17 0.00	41.79 -0.85 0.00	39.01 -0.51 0.00	36.07 -0.22 0.00

NEVERSINK___HYD 23608	40.61 1.93 0.00	37.99 1.77 0.00	36.59 1.61 0.00	35.89 1.55 0.00	36.28 1.46 0.00	40.03 1.64 -0.32	54.23 2.19 0.00	72.71 3.27 -1.25	52.63 1.97 0.00	39.48 1.47 -1.18	35.88 1.49 -1.25	34.85 1.44 -1.35	32.87 1.42 -1.17	32.70 1.51 -0.95	32.43 1.64 -0.96	34.58 1.76 -0.82	40.81 2.18 -0.32	54.77 2.76 0.00	63.30 3.07 0.00	61.76 3.11 0.00	49.06 2.34 0.00	44.73 2.09 0.00	41.45 1.94 0.00	38.35 1.81 -0.25
NEWKRMKL_115KV_TB1 55635	38.83 0.15 0.00	36.43 0.22 0.00	35.15 0.17 0.00	34.48 0.14 0.00	34.92 0.10 0.00	37.87 0.08 0.27	51.84 -0.21 0.00	67.13 0.00 1.05	50.61 -0.05 0.00	36.17 0.00 0.66	32.51 0.07 0.69	31.37 0.06 0.75	29.71 0.09 0.65	29.89 0.18 0.53	29.50 0.21 0.54	31.84 0.29 0.46	38.43 0.31 0.18	52.38 0.36 0.00	60.65 0.42 0.00	59.00 0.35 0.00	47.01 0.28 0.00	42.81 0.17 0.00	39.68 0.16 0.00	36.44 0.29 0.14
NEWTON___FALLS_HYD 23847	39.57 0.89 0.00	37.27 1.05 0.00	35.96 0.98 0.00	35.21 0.86 0.00	35.89 1.08 0.00	39.55 1.48 0.00	54.39 2.34 0.00	70.77 2.59 0.00	52.23 1.57 0.00	37.67 0.85 0.00	33.64 0.50 0.00	32.54 0.48 0.00	30.57 0.30 0.00	30.42 0.18 0.00	29.98 0.15 0.00	32.26 0.26 0.00	38.68 0.38 0.00	53.16 1.14 0.00	61.68 1.45 0.00	60.29 1.64 0.00	48.13 1.40 0.00	44.30 1.66 0.00	40.70 1.19 0.00	37.23 0.94 0.00
NGRID_A1_DSASP 323792	38.91 0.23 0.00	36.40 0.18 0.00	35.23 0.25 0.00	34.93 0.58 0.00	35.37 0.56 0.00	37.72 -0.34 0.00	51.48 -0.57 0.00	66.35 -1.84 0.00	50.05 -0.61 0.00	36.42 -0.40 0.00	33.21 0.07 0.00	31.67 -0.38 0.00	29.91 -0.36 0.00	29.91 -0.33 0.00	29.41 -0.42 0.00	31.17 -0.83 0.00	36.58 -1.72 0.00	49.21 -2.81 0.00	56.86 -3.37 0.00	54.66 -3.99 0.00	44.16 -2.57 0.00	40.68 -1.96 0.00	38.25 -1.27 0.00	35.60 -0.69 0.00
NGRID_A2_DSASP 323793	38.91 0.23 0.00	36.40 0.18 0.00	35.23 0.25 0.00	34.93 0.58 0.00	35.37 0.56 0.00	37.72 -0.34 0.00	51.48 -0.57 0.00	66.35 -1.84 0.00	50.05 -0.61 0.00	36.42 -0.40 0.00	33.21 0.07 0.00	31.67 -0.38 0.00	29.91 -0.36 0.00	29.91 -0.33 0.00	29.41 -0.42 0.00	31.17 -0.83 0.00	36.58 -1.72 0.00	49.21 -2.81 0.00	56.86 -3.37 0.00	54.66 -3.99 0.00	44.16 -2.57 0.00	40.68 -1.96 0.00	38.25 -1.27 0.00	35.60 -0.69 0.00
NGRID_A4_DSASP 323807	38.91 0.23 0.00	36.40 0.18 0.00	35.23 0.25 0.00	34.93 0.58 0.00	35.37 0.56 0.00	37.72 -0.34 0.00	51.48 -0.57 0.00	66.35 -1.84 0.00	50.05 -0.61 0.00	36.42 -0.40 0.00	33.21 0.07 0.00	31.67 -0.38 0.00	29.91 -0.36 0.00	29.91 -0.33 0.00	29.41 -0.42 0.00	31.17 -0.83 0.00	36.58 -1.72 0.00	49.21 -2.81 0.00	56.86 -3.37 0.00	54.66 -3.99 0.00	44.16 -2.57 0.00	40.68 -1.96 0.00	38.25 -1.27 0.00	35.60 -0.69 0.00
NIAGARA_115E_LBMP 323715	38.37 -0.31 0.00	35.78 -0.43 0.00	34.63 -0.35 0.00	34.35 0.00 0.00	34.78 -0.03 0.00	37.38 -0.68 0.00	51.27 -0.78 0.00	66.14 -2.04 0.00	49.84 -0.81 0.00	36.23 -0.59 0.00	33.01 -0.13 0.00	31.51 -0.55 0.00	29.73 -0.54 0.00	29.75 -0.48 0.00	29.26 -0.57 0.00	31.01 -0.99 0.00	36.43 -1.88 0.00	49.05 -2.96 0.00	56.74 -3.49 0.00	54.49 -4.16 0.00	43.97 -2.76 0.00	40.51 -2.13 0.00	38.06 -1.46 0.00	35.09 -1.20 0.00
NIAGARA_115W_LBMP 323714	38.87 0.19 0.00	36.36 0.15 0.00	35.19 0.21 0.00	34.90 0.55 0.00	35.34 0.52 0.00	37.69 -0.38 0.00	51.37 -0.68 0.00	66.20 -1.98 0.00	49.95 -0.71 0.00	36.35 -0.48 0.00	33.14 0.00 0.00	31.61 -0.45 0.00	29.85 -0.42 0.00	29.84 -0.39 0.00	29.35 -0.48 0.00	31.11 -0.90 0.00	36.50 -1.80 0.00	49.10 -2.91 0.00	56.74 -3.49 0.00	54.54 -4.11 0.00	44.07 -2.66 0.00	40.59 -2.05 0.00	38.13 -1.38 0.00	35.56 -0.73 0.00
NIAGARA_230_LBMP 323716	38.64 -0.04 0.00	36.15 -0.07 0.00	34.98 0.00 0.00	34.69 0.34 0.00	35.13 0.31 0.00	37.76 -0.31 0.00	51.74 -0.31 0.00	66.68 -1.50 0.00	50.25 -0.41 0.00	36.57 -0.26 0.00	33.34 0.20 0.00	31.80 -0.26 0.00	30.03 -0.24 0.00	30.03 -0.21 0.00	29.53 -0.30 0.00	31.33 -0.67 0.00	36.77 -1.53 0.00	49.52 -2.50 0.00	57.28 -2.95 0.00	55.07 -3.58 0.00	44.44 -2.29 0.00	40.89 -1.75 0.00	38.41 -1.11 0.00	35.49 -0.80 0.00
NIAGARA___115KV_198_GIBSON 55903	38.64 -0.04 0.00	36.36 0.14 0.00	35.19 0.21 0.00	34.90 0.55 0.00	35.02 0.21 0.00	37.57 -0.49 0.00	51.37 -0.68 0.00	66.14 -2.05 0.00	49.49 -1.17 0.00	36.35 -0.48 0.00	33.14 0.00 0.00	31.61 -0.45 0.00	29.79 -0.48 0.00	29.75 -0.48 0.00	29.35 -0.48 0.00	31.11 -0.90 0.00	36.62 -1.69 0.00	49.21 -2.81 0.00	56.74 -3.49 0.00	54.66 -3.99 0.00	44.06 -2.66 0.00	40.55 -2.09 0.00	38.06 -1.46 0.00	35.52 -0.76 0.00
NIAGARA____ 23760	38.64 -0.04 0.00	36.15 -0.07 0.00	34.98 0.00 0.00	34.69 0.34 0.00	35.13 0.31 0.00	37.76 -0.31 0.00	51.74 -0.31 0.00	66.68 -1.50 0.00	50.25 -0.41 0.00	36.57 -0.26 0.00	33.34 0.20 0.00	31.80 -0.26 0.00	30.03 -0.24 0.00	30.03 -0.21 0.00	29.53 -0.30 0.00	31.33 -0.67 0.00	36.77 -1.53 0.00	49.52 -2.50 0.00	57.28 -2.95 0.00	55.07 -3.58 0.00	44.44 -2.29 0.00	40.89 -1.75 0.00	38.41 -1.11 0.00	35.49 -0.80 0.00
NINE_MILE_1 23575	37.60 -1.08 0.00	35.20 -1.01 0.00	34.00 -0.98 0.00	33.42 -0.93 0.00	33.88 -0.94 0.00	37.00 -1.07 0.00	50.69 -1.35 0.00	66.41 -1.77 0.00	49.29 -1.37 0.00	35.79 -1.03 0.00	32.25 -0.89 0.00	31.13 -0.93 0.00	29.42 -0.85 0.00	29.36 -0.88 0.00	28.96 -0.87 0.00	31.05 -0.96 0.00	37.11 -1.19 0.00	50.46 -1.56 0.00	58.48 -1.75 0.00	56.89 -1.76 0.00	45.37 -1.36 0.00	41.40 -1.24 0.00	38.37 -1.15 0.00	35.23 -1.05 0.00
NINE_MILE_2 23744	37.64 -1.04 0.00	35.20 -1.01 0.00	34.00 -0.98 0.00	33.42 -0.93 0.00	33.88 -0.94 0.00	37.00 -1.07 0.00	50.69 -1.35 0.00	66.41 -1.77 0.00	49.29 -1.37 0.00	35.79 -1.03 0.00	32.25 -0.89 0.00	31.16 -0.90 0.00	29.42 -0.85 0.00	29.36 -0.88 0.00	28.96 -0.87 0.00	31.05 -0.96 0.00	37.11 -1.19 0.00	50.46 -1.56 0.00	58.48 -1.75 0.00	56.89 -1.76 0.00	45.37 -1.36 0.00	41.40 -1.24 0.00	38.37 -1.15 0.00	35.23 -1.05 0.00
NM_CAPITAL___DRP 24208	38.99 0.31 0.00	36.51 0.29 0.00	35.26 0.28 0.00	34.55 0.21 0.00	35.02 0.21 0.00	37.96 0.19 0.30	52.00 -0.05 0.00	67.23 0.20 1.15	50.76 0.10 0.00	36.25 0.15 0.72	32.54 0.17 0.76	31.42 0.19 0.83	29.77 0.21 0.72	29.96 0.30 0.58	29.60 0.36 0.59	31.92 0.42 0.50	38.60 0.50 0.20	52.54 0.52 0.00	60.89 0.66 0.00	59.24 0.59 0.00	47.19 0.47 0.00	42.98 0.34 0.00	39.84 0.32 0.00	36.53 0.40 0.15
NM_CENTRAL___DRP 24181	38.25 -0.43 0.00	35.82 -0.40 0.00	34.60 -0.38 0.00	34.04 -0.31 0.00	34.47 -0.35 0.00	37.65 -0.42 0.00	51.68 -0.36 0.00	67.71 -0.48 0.00	50.20 -0.46 0.00	36.46 -0.37 0.00	32.87 -0.27 0.00	31.71 -0.35 0.00	29.97 -0.30 0.00	29.90 -0.33 0.00	29.47 -0.36 0.00	31.59 -0.42 0.00	37.80 -0.50 0.00	51.34 -0.68 0.00	59.57 -0.66 0.00	57.89 -0.76 0.00	46.17 -0.56 0.00	42.17 -0.47 0.00	39.08 -0.43 0.00	35.85 -0.44 0.00

NM_FRONTIER___DRP 24179	38.64 -0.04 0.00	36.36 0.14 0.00	35.19 0.21 0.00	34.90 0.55 0.00	35.02 0.21 0.00	37.57 -0.49 0.00	51.37 -0.68 0.00	66.14 -2.05 0.00	49.49 -1.17 0.00	36.35 -0.48 0.00	33.14 0.00 0.00	31.61 -0.45 0.00	29.79 -0.48 0.00	29.75 -0.48 0.00	29.35 -0.48 0.00	31.11 -0.90 0.00	36.62 -1.69 0.00	49.21 -2.81 0.00	56.74 -3.49 0.00	54.66 -3.99 0.00	44.06 -2.66 0.00	40.55 -2.09 0.00	38.06 -1.46 0.00	35.52 -0.76 0.00
NM_ST_REGIS___HYD 24053	39.57 0.89 0.00	37.23 1.01 0.00	35.92 0.94 0.00	35.24 0.89 0.00	35.89 1.08 0.00	39.51 1.45 0.00	54.13 2.08 0.00	70.37 2.18 0.00	52.13 1.47 0.00	37.86 1.03 0.00	33.74 0.60 0.00	32.73 0.67 0.00	30.73 0.45 0.00	30.57 0.33 0.00	30.13 0.30 0.00	32.39 0.38 0.00	38.95 0.65 0.00	53.21 1.20 0.00	61.56 1.33 0.00	60.23 1.58 0.00	48.08 1.36 0.00	44.13 1.49 0.00	40.63 1.11 0.00	37.27 0.98 0.00
NORTHPORT___1 23551	40.61 1.93 0.00	38.10 1.88 0.00	36.45 1.47 0.00	35.65 1.30 0.00	36.00 1.18 0.00	39.76 1.18 -0.51	49.93 -1.20 0.93	51.82 -0.95 15.41	47.42 -0.91 2.33	39.81 1.21 -1.77	36.87 1.85 -1.88	35.90 1.79 -2.04	33.83 1.79 -1.77	33.54 1.88 -1.43	33.38 2.09 -1.46	35.57 2.27 -1.29	40.32 1.53 -0.49	52.69 0.67 0.00	60.29 0.06 0.00	58.71 0.06 0.00	46.87 0.14 0.00	43.02 0.38 0.00	40.35 0.83 0.00	38.52 1.85 -0.38
NORTHPORT___2 23552	40.61 1.93 0.00	38.10 1.88 0.00	36.45 1.47 0.00	35.65 1.30 0.00	36.00 1.18 0.00	39.76 1.18 -0.51	49.93 -1.20 0.93	51.82 -0.95 15.41	47.42 -0.91 2.33	39.81 1.21 -1.77	36.87 1.85 -1.88	35.90 1.79 -2.04	33.83 1.79 -1.77	33.54 1.88 -1.43	33.38 2.09 -1.46	35.57 2.27 -1.29	40.32 1.53 -0.49	52.69 0.67 0.00	60.29 0.06 0.00	58.71 0.06 0.00	46.87 0.14 0.00	43.02 0.38 0.00	40.35 0.83 0.00	38.52 1.85 -0.38
NORTHPORT___3 23553	40.30 1.62 0.00	38.03 1.81 0.00	36.41 1.43 0.00	35.65 1.30 0.00	36.00 1.18 0.00	39.76 1.18 -0.51	43.90 -1.25 6.90	43.38 -1.02 23.78	43.81 -1.01 5.83	39.85 1.25 -1.77	36.90 1.89 -1.88	35.93 1.83 -2.04	33.86 1.82 -1.77	33.57 1.91 -1.43	33.38 2.09 -1.46	35.50 2.21 -1.29	39.93 1.15 -0.48	52.42 0.41 0.01	60.16 -0.06 0.01	58.58 -0.06 0.01	46.72 0.00 0.01	42.76 0.13 0.01	40.11 0.59 0.00	38.48 1.81 -0.38
NORTHPORT___4 23650	40.30 1.62 0.00	38.03 1.81 0.00	36.41 1.43 0.00	35.65 1.30 0.00	36.00 1.18 0.00	39.76 1.18 -0.51	43.90 -1.25 6.90	43.38 -1.02 23.78	43.81 -1.01 5.83	39.85 1.25 -1.77	36.90 1.89 -1.88	35.93 1.83 -2.04	33.86 1.82 -1.77	33.57 1.91 -1.43	33.38 2.09 -1.46	35.50 2.21 -1.29	39.93 1.15 -0.48	52.42 0.41 0.01	60.16 -0.06 0.01	58.58 -0.06 0.01	46.72 0.00 0.01	42.76 0.13 0.01	40.11 0.59 0.00	38.48 1.81 -0.38
NORTHPORT___IC 23718	40.92 2.24 0.00	38.10 1.88 0.00	36.45 1.47 0.00	35.65 1.31 0.00	36.03 1.22 0.00	39.87 1.29 -0.51	49.92 -1.20 0.93	51.82 -0.95 15.41	47.52 -0.81 2.33	39.81 1.22 -1.77	36.87 1.86 -1.88	35.90 1.80 -2.04	33.86 1.82 -1.77	33.54 1.87 -1.43	33.38 2.09 -1.46	35.57 2.27 -1.29	40.21 1.42 -0.49	52.59 0.57 0.00	60.29 0.06 0.00	58.71 0.06 0.00	46.87 0.14 0.00	42.98 0.34 0.00	40.78 1.26 0.00	38.59 1.92 -0.38
NORTH___COUNTRY_ESR 323785	39.03 0.35 0.00	36.65 0.44 0.00	35.40 0.42 0.00	34.79 0.45 0.00	35.27 0.45 0.00	38.71 0.65 0.00	52.93 0.88 0.00	69.01 0.82 0.00	51.37 0.71 0.00	37.41 0.59 0.00	33.47 0.33 0.00	32.47 0.42 0.00	30.54 0.27 0.00	30.42 0.18 0.00	29.98 0.15 0.00	32.20 0.19 0.00	38.64 0.34 0.00	52.59 0.57 0.00	60.96 0.73 0.00	59.47 0.82 0.00	47.29 0.56 0.00	43.15 0.51 0.00	39.99 0.48 0.00	36.72 0.44 0.00
NPX_GEN_1385_PROXY 323591	40.34 1.66 0.00	37.67 1.45 0.00	35.92 0.94 0.00	32.00 0.65 3.00	32.00 0.52 3.34	38.90 0.49 -0.34	49.37 -1.92 0.75	51.00 -1.77 15.41	46.81 -1.52 2.33	31.60 0.52 5.74	28.79 1.26 5.61	27.00 1.22 6.28	27.33 1.24 4.18	28.58 1.30 2.96	32.00 1.55 -0.62	35.05 1.76 -1.29	40.13 1.34 -0.49	52.38 0.37 0.00	59.57 -0.66 0.00	58.00 -0.64 0.00	46.12 -0.61 0.00	42.47 -0.17 0.00	39.68 0.16 0.00	37.90 1.23 -0.38
NPX_GEN_CSC 323557	40.30 1.62 0.00	37.77 1.56 0.00	36.13 1.15 0.00	35.31 0.96 0.00	35.69 0.87 0.00	39.32 0.91 -0.34	49.54 -1.46 1.05	51.13 -1.44 15.61	46.96 -1.22 2.48	39.37 0.77 -1.77	36.47 1.46 -1.88	35.51 1.41 -2.04	33.47 1.42 -1.77	33.12 1.45 -1.43	33.05 1.76 -1.46	35.25 1.95 -1.29	40.17 1.38 -0.49	52.59 0.57 0.00	60.17 -0.06 0.00	58.65 0.00 0.00	46.91 0.19 0.00	43.11 0.47 0.00	40.31 0.79 0.00	38.48 1.81 -0.38
NSINS_S_GLNS_FALLS 23858	39.76 1.08 0.00	37.27 1.05 0.00	35.99 1.01 0.00	35.34 1.00 0.00	35.86 1.04 0.00	38.87 1.10 0.30	53.56 1.51 0.00	69.26 2.25 1.18	51.77 1.11 0.00	36.52 0.41 0.71	32.55 0.17 0.75	31.30 0.06 0.82	29.56 0.00 0.71	29.75 0.09 0.57	29.34 0.09 0.58	31.77 0.26 0.49	38.64 0.54 0.20	53.53 1.51 0.00	62.40 2.17 0.00	60.53 1.88 0.00	48.27 1.54 0.00	43.92 1.28 0.00	40.59 1.07 0.00	37.08 0.94 0.15
NUCOR_STEEL___DRP 24197	38.68 0.00 0.00	36.25 0.04 0.00	35.01 0.03 0.00	34.45 0.10 0.00	34.89 0.07 0.00	38.18 0.11 0.00	52.46 0.42 0.00	68.80 0.61 0.00	50.91 0.25 0.00	36.83 0.00 0.00	33.17 0.03 0.00	31.99 -0.06 0.00	30.24 -0.03 0.00	30.12 -0.12 0.00	29.68 -0.15 0.00	31.85 -0.16 0.00	38.11 -0.19 0.00	52.02 0.00 0.00	60.41 0.18 0.00	58.65 0.00 0.00	46.82 0.09 0.00	42.68 0.04 0.00	39.52 0.00 0.00	36.29 0.00 0.00
NUMBER_THREE_WT_PWR 323818	39.68 1.00 0.00	37.38 1.16 0.00	36.03 1.05 0.00	35.24 0.89 0.00	35.93 1.11 0.00	39.67 1.60 0.00	54.70 2.65 0.00	71.39 3.21 0.00	52.53 1.88 0.00	37.63 0.81 0.00	33.64 0.50 0.00	32.51 0.45 0.00	30.61 0.33 0.00	30.45 0.21 0.00	30.01 0.18 0.00	32.29 0.29 0.00	38.76 0.46 0.00	53.47 1.45 0.00	62.22 1.98 0.00	60.82 2.17 0.00	48.46 1.73 0.00	44.47 1.83 0.00	40.82 1.30 0.00	37.30 1.01 0.00
NYISO_LBMP_REFERENCE 24008	38.68 0.00 0.00	36.22 0.00 0.00	34.98 0.00 0.00	34.35 0.00 0.00	34.82 0.00 0.00	38.07 0.00 0.00	52.05 0.00 0.00	68.18 0.00 0.00	50.66 0.00 0.00	36.83 0.00 0.00	33.14 0.00 0.00	32.06 0.00 0.00	30.27 0.00 0.00	30.24 0.00 0.00	29.83 0.00 0.00	32.01 0.00 0.00	38.30 0.00 0.00	52.02 0.00 0.00	60.23 0.00 0.00	58.65 0.00 0.00	46.73 0.00 0.00	42.64 0.00 0.00	39.52 0.00 0.00	36.29 0.00 0.00
NYPA_BRENTWD____GT 24164	41.04 2.36 0.00	38.46 2.25 0.00	36.80 1.82 0.00	36.00 1.65 0.00	36.38 1.57 0.00	40.22 1.64 -0.51	50.28 -0.16 1.61	52.79 0.21 15.60	47.96 -0.05 2.64	40.11 1.51 -1.77	37.17 2.15 -1.88	36.16 2.05 -2.04	34.07 2.03 -1.77	33.75 2.08 -1.43	33.65 2.36 -1.46	35.63 2.31 -1.32	40.78 1.99 -0.49	53.47 1.45 0.00	61.25 1.02 0.00	59.70 1.06 0.00	47.61 0.89 0.00	43.66 1.02 0.00	40.86 1.34 0.00	38.92 2.25 -0.38

NYPA_GOWANUS____GT5 24156	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NYPA_GOWANUS____GT6 24157	40.93 2.24 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.03 0.99 0.00	72.00 1.84 -1.97	51.82 1.17 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.55 2.76 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.99 2.35 0.01	48.50 1.78 0.00	44.51 1.87 0.00	41.69 2.17 0.00	38.85 2.18 -0.39
NYPA_HARLEM__RVR__GT1 24160	40.93 2.24 -0.01	38.25 2.03 -0.01	36.77 1.78 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.14 1.09 0.00	72.06 1.91 -1.97	51.82 1.17 0.00	40.16 1.58 -1.75	36.85 1.85 -1.86	35.87 1.79 -2.02	33.84 1.82 -1.75	33.61 1.96 -1.41	33.38 2.12 -1.43	35.43 2.21 -1.22	41.35 2.57 -0.48	53.93 1.93 0.01	62.15 1.93 0.01	60.57 1.93 0.01	48.35 1.63 0.01	44.35 1.71 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
NYPA_HARLEM__RVR__GT2 24161	40.93 2.24 -0.01	38.25 2.03 -0.01	36.77 1.78 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.14 1.09 0.00	72.06 1.91 -1.97	51.82 1.17 0.00	40.16 1.58 -1.75	36.85 1.85 -1.86	35.87 1.79 -2.02	33.84 1.82 -1.75	33.61 1.96 -1.41	33.38 2.12 -1.43	35.43 2.21 -1.22	41.35 2.57 -0.48	53.93 1.93 0.01	62.15 1.93 0.01	60.57 1.93 0.01	48.35 1.63 0.01	44.35 1.71 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
NYPA_KENT____GT 24152	40.89 2.20 -0.01	38.18 1.95 -0.01	36.70 1.71 -0.01	36.00 1.65 -0.01	36.39 1.57 -0.01	40.18 1.60 -0.51	53.14 1.09 0.00	72.13 1.98 -1.97	51.97 1.31 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.94 1.91 -1.76	33.72 2.06 -1.42	33.51 2.24 -1.44	35.57 2.34 -1.22	41.51 2.72 -0.49	54.14 2.13 0.01	62.51 2.29 0.01	60.93 2.29 0.01	48.55 1.82 0.00	44.51 1.87 0.00	41.61 2.09 0.00	38.78 2.10 -0.39
NYPA_POUCH1____GT 24155	41.05 2.36 -0.01	38.33 2.10 -0.01	36.88 1.89 -0.01	36.17 1.82 -0.01	36.56 1.74 -0.01	40.37 1.79 -0.51	52.99 0.94 0.00	71.86 1.71 -1.97	51.67 1.01 0.00	40.43 1.84 -1.76	37.03 2.02 -1.87	36.04 1.96 -2.03	33.99 1.97 -1.76	33.77 2.12 -1.42	33.57 2.30 -1.44	35.66 2.43 -1.22	41.58 2.79 -0.49	54.04 2.03 0.01	62.51 2.29 0.01	60.93 2.29 0.01	48.41 1.68 0.00	44.56 1.92 0.00	41.81 2.29 0.00	39.00 2.32 -0.39
NYPA_VERNON____GT2 24162	40.85 2.16 -0.01	38.14 1.92 -0.01	36.67 1.68 -0.01	35.97 1.61 -0.01	36.35 1.53 -0.01	40.14 1.56 -0.51	53.25 1.20 0.00	72.27 2.12 -1.97	52.07 1.42 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.97 1.94 -1.76	33.72 2.06 -1.42	33.48 2.21 -1.44	35.57 2.34 -1.22	41.47 2.68 -0.49	54.25 2.24 0.01	62.51 2.29 0.01	60.93 2.29 0.01	48.64 1.92 0.00	44.51 1.87 0.00	41.57 2.05 0.00	38.71 2.03 -0.39
NYPA_VERNON____GT3 24163	40.85 2.16 -0.01	38.14 1.92 -0.01	36.67 1.68 -0.01	35.97 1.61 -0.01	36.35 1.53 -0.01	40.14 1.56 -0.51	53.25 1.20 0.00	72.27 2.12 -1.97	52.07 1.42 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.97 1.94 -1.76	33.72 2.06 -1.42	33.48 2.21 -1.44	35.57 2.34 -1.22	41.47 2.68 -0.49	54.25 2.24 0.01	62.51 2.29 0.01	60.93 2.29 0.01	48.64 1.92 0.00	44.51 1.87 0.00	41.57 2.05 0.00	38.71 2.03 -0.39
NYPA____ASTORIA_CC1 323568	40.85 2.16 -0.01	38.14 1.92 -0.01	36.67 1.68 -0.01	35.97 1.61 -0.01	36.35 1.53 -0.01	40.14 1.56 -0.51	53.14 1.09 0.00	72.13 1.98 -1.97	51.97 1.31 0.00	40.36 1.77 -1.76	36.96 1.95 -1.87	35.97 1.89 -2.03	33.94 1.91 -1.76	33.68 2.03 -1.42	33.48 2.21 -1.44	35.54 2.31 -1.22	41.43 2.64 -0.49	54.14 2.13 0.01	62.39 2.17 0.01	60.75 2.11 0.01	48.55 1.82 0.00	44.47 1.83 0.00	41.57 2.05 0.00	38.71 2.03 -0.39
NYPA____ASTORIA_CC2 323569	40.85 2.16 -0.01	38.14 1.92 -0.01	36.67 1.68 -0.01	35.97 1.61 -0.01	36.35 1.53 -0.01	40.14 1.56 -0.51	53.14 1.09 0.00	72.13 1.98 -1.97	51.97 1.31 0.00	40.36 1.77 -1.76	36.96 1.95 -1.87	35.97 1.89 -2.03	33.94 1.91 -1.76	33.68 2.03 -1.42	33.48 2.21 -1.44	35.54 2.31 -1.22	41.43 2.64 -0.49	54.14 2.13 0.01	62.39 2.17 0.01	60.75 2.11 0.01	48.55 1.82 0.00	44.47 1.83 0.00	41.57 2.05 0.00	38.71 2.03 -0.39
NYPA____HOLTSVILL 23794	40.57 1.89 0.00	38.03 1.81 0.00	36.38 1.40 0.00	35.58 1.23 0.00	35.96 1.15 0.00	39.76 1.18 -0.51	49.79 -1.10 1.16	51.73 -0.89 15.57	47.40 -0.81 2.45	39.70 1.10 -1.77	36.77 1.76 -1.88	35.80 1.70 -2.04	33.74 1.69 -1.77	33.42 1.75 -1.43	33.32 2.03 -1.46	35.51 2.21 -1.29	40.44 1.65 -0.49	52.85 0.83 0.00	60.41 0.18 0.00	58.88 0.24 0.00	47.10 0.37 0.00	43.32 0.68 0.00	40.54 1.03 0.00	38.70 2.03 -0.38
NYPA____HELLGATE_GT1 24158	40.93 2.24 -0.01	38.25 2.03 -0.01	36.77 1.78 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.19 1.14 0.00	72.13 1.98 -1.97	51.87 1.21 0.00	40.20 1.62 -1.75	36.85 1.85 -1.86	35.87 1.79 -2.02	33.84 1.82 -1.75	33.61 1.96 -1.41	33.38 2.12 -1.43	35.43 2.21 -1.22	41.35 2.57 -0.48	53.98 1.98 0.01	62.27 2.05 0.01	60.69 2.05 0.01	48.45 1.73 0.01	44.35 1.71 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
NYPA____HELLGATE_GT2 24159	40.93 2.24 -0.01	38.25 2.03 -0.01	36.77 1.78 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.21 1.64 -0.51	53.19 1.14 0.00	72.13 1.98 -1.97	51.87 1.21 0.00	40.20 1.62 -1.75	36.85 1.85 -1.86	35.87 1.79 -2.02	33.84 1.82 -1.75	33.61 1.96 -1.41	33.38 2.12 -1.43	35.43 2.21 -1.22	41.35 2.57 -0.48	53.98 1.98 0.01	62.27 2.05 0.01	60.69 2.05 0.01	48.45 1.73 0.01	44.35 1.71 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
NYS_BARGE____HYD 23848	38.83 0.16 0.00	36.25 0.04 0.00	35.09 0.11 0.00	34.79 0.45 0.00	35.23 0.42 0.00	37.92 -0.15 0.00	52.10 0.05 0.00	67.30 -0.89 0.00	50.61 -0.05 0.00	36.75 -0.07 0.00	33.44 0.30 0.00	31.93 -0.13 0.00	30.12 -0.15 0.00	30.15 -0.09 0.00	29.62 -0.21 0.00	31.43 -0.58 0.00	36.92 -1.38 0.00	49.88 -2.13 0.00	57.76 -2.47 0.00	55.48 -3.17 0.00	44.72 -2.01 0.00	41.19 -1.45 0.00	38.65 -0.87 0.00	35.60 -0.69 0.00
OAK ORCHARD____HYD 24046	38.87 0.19 0.00	36.36 0.15 0.00	35.16 0.18 0.00	34.62 0.27 0.00	35.16 0.35 0.00	38.26 0.19 0.00	52.46 0.41 0.00	68.46 0.27 0.00	51.11 0.45 0.00	37.05 0.22 0.00	33.47 0.33 0.00	32.15 0.10 0.00	30.33 0.06 0.00	30.36 0.12 0.00	29.80 -0.03 0.00	31.82 -0.19 0.00	37.76 -0.54 0.00	51.50 -0.52 0.00	59.63 -0.60 0.00	57.71 -0.94 0.00	46.21 -0.51 0.00	42.30 -0.34 0.00	39.28 -0.24 0.00	35.99 -0.29 0.00

OAKDALE___35_KV_LOAD 356122	38.91 0.23 0.00	36.40 0.18 0.00	35.22 0.24 0.00	34.66 0.31 0.00	35.06 0.24 0.00	38.26 0.19 0.00	52.62 0.57 0.00	68.80 0.61 0.00	50.91 0.25 0.00	37.12 0.11 -0.18	33.63 0.30 -0.19	32.43 0.16 -0.21	30.63 0.18 -0.18	30.53 0.15 -0.15	30.10 0.12 -0.15	32.16 0.03 -0.13	38.31 -0.04 -0.05	52.02 0.00 0.00	60.41 0.18 0.00	58.65 0.00 0.00	46.77 0.05 0.00	42.68 0.04 0.00	39.64 0.12 0.00	36.51 0.18 -0.04
OCC_CHEM___DRP 24175	38.68 0.00 0.00	36.40 0.18 0.00	35.22 0.24 0.00	34.93 0.58 0.00	35.06 0.24 0.00	37.65 -0.42 0.00	51.48 -0.57 0.00	66.27 -1.91 0.00	49.59 -1.06 0.00	36.42 -0.41 0.00	33.20 0.07 0.00	31.67 -0.38 0.00	29.85 -0.42 0.00	29.81 -0.42 0.00	29.41 -0.42 0.00	31.17 -0.83 0.00	36.69 -1.61 0.00	49.31 -2.70 0.00	56.86 -3.37 0.00	54.78 -3.87 0.00	44.16 -2.57 0.00	40.64 -2.00 0.00	38.14 -1.38 0.00	35.56 -0.73 0.00
OH_GEN_PROXY 24063	38.60 -0.08 0.00	36.11 -0.11 0.00	34.98 0.00 0.00	34.66 0.31 0.00	35.09 0.28 0.00	37.55 -0.34 0.17	51.91 -0.31 -0.17	66.75 -1.44 0.00	50.25 -0.41 0.00	36.57 -0.26 0.00	33.34 0.20 0.00	31.80 -0.26 0.00	30.03 -0.24 0.00	30.03 -0.21 0.00	29.53 -0.30 0.00	31.33 -0.67 0.00	36.81 -1.49 0.00	49.62 -2.39 0.00	57.40 -2.83 0.00	55.19 -3.46 0.00	44.49 -2.24 0.00	40.93 -1.71 0.00	38.45 -1.07 0.00	35.49 -0.80 0.00
OLIN_CORP_DRP 24177	38.21 -0.46 0.00	35.86 -0.36 0.00	34.70 -0.28 0.00	34.42 0.07 0.00	34.54 -0.28 0.00	37.38 -0.69 0.00	51.42 -0.62 0.00	66.27 -1.91 0.00	49.49 -1.17 0.00	36.31 -0.52 0.00	33.11 -0.03 0.00	31.58 -0.48 0.00	29.76 -0.51 0.00	29.72 -0.51 0.00	29.32 -0.51 0.00	31.08 -0.93 0.00	36.58 -1.72 0.00	49.31 -2.70 0.00	56.86 -3.37 0.00	54.78 -3.87 0.00	44.11 -2.62 0.00	40.59 -2.05 0.00	38.06 -1.46 0.00	35.16 -1.12 0.00
OLIN_CORP_DSASP 323712	38.91 0.23 0.00	36.40 0.18 0.00	35.23 0.25 0.00	34.93 0.58 0.00	35.37 0.56 0.00	37.72 -0.34 0.00	51.48 -0.57 0.00	66.35 -1.84 0.00	50.05 -0.61 0.00	36.42 -0.40 0.00	33.21 0.07 0.00	31.67 -0.38 0.00	29.91 -0.36 0.00	29.91 -0.33 0.00	29.41 -0.42 0.00	31.17 -0.83 0.00	36.58 -1.72 0.00	49.21 -2.81 0.00	56.86 -3.37 0.00	54.66 -3.99 0.00	44.16 -2.57 0.00	40.68 -1.96 0.00	38.25 -1.27 0.00	35.60 -0.69 0.00
ONEIDA_HERK_LFGE 323681	39.49 0.81 0.00	37.12 0.91 0.00	35.82 0.84 0.00	35.03 0.69 0.00	35.69 0.87 0.00	39.28 1.22 0.00	54.08 2.03 0.00	70.71 2.52 0.00	52.18 1.52 0.00	37.49 0.66 0.00	33.64 0.50 0.00	32.47 0.42 0.00	30.64 0.36 0.00	30.51 0.27 0.00	30.10 0.27 0.00	32.36 0.35 0.00	38.80 0.50 0.00	53.26 1.25 0.00	61.92 1.68 0.00	60.41 1.76 0.00	48.13 1.40 0.00	44.00 1.36 0.00	40.54 1.03 0.00	37.08 0.80 0.00
ONEIDA___115KV_TB4 55905	39.49 0.81 0.00	37.09 0.87 0.00	35.78 0.80 0.00	35.07 0.72 0.00	35.65 0.84 0.00	39.21 1.14 0.00	53.97 1.93 0.00	70.57 2.39 0.00	52.13 1.47 0.00	37.49 0.66 0.00	33.67 0.53 0.00	32.51 0.45 0.00	30.67 0.39 0.00	30.57 0.33 0.00	30.13 0.30 0.00	32.36 0.35 0.00	38.84 0.54 0.00	53.21 1.20 0.00	61.86 1.63 0.00	60.29 1.64 0.00	47.99 1.26 0.00	43.83 1.19 0.00	40.43 0.91 0.00	37.01 0.73 0.00
ONONDAGA_REF_OCCRA 23987	38.41 -0.27 0.00	35.93 -0.29 0.00	34.70 -0.28 0.00	34.14 -0.21 0.00	34.57 -0.24 0.00	37.80 -0.27 0.00	51.89 -0.16 0.00	68.05 -0.14 0.00	50.40 -0.25 0.00	36.57 -0.26 0.00	32.94 -0.20 0.00	31.80 -0.26 0.00	30.03 -0.24 0.00	29.97 -0.27 0.00	29.53 -0.30 0.00	31.69 -0.32 0.00	37.92 -0.38 0.00	51.60 -0.42 0.00	59.87 -0.36 0.00	58.18 -0.47 0.00	46.40 -0.33 0.00	42.34 -0.30 0.00	39.24 -0.28 0.00	36.00 -0.29 0.00
ONONDAGA___COGEN 23986	38.45 -0.23 0.00	36.00 -0.22 0.00	34.74 -0.24 0.00	34.18 -0.17 0.00	34.64 -0.17 0.00	37.88 -0.19 0.00	51.94 -0.10 0.00	68.12 -0.07 0.00	50.51 -0.15 0.00	36.60 -0.22 0.00	32.97 -0.17 0.00	31.83 -0.22 0.00	30.09 -0.18 0.00	29.97 -0.27 0.00	29.56 -0.27 0.00	31.69 -0.32 0.00	37.92 -0.38 0.00	51.65 -0.36 0.00	59.93 -0.30 0.00	58.24 -0.41 0.00	46.45 -0.28 0.00	42.38 -0.26 0.00	39.24 -0.28 0.00	36.03 -0.25 0.00
ONTARIO___LFGE 23819	39.14 0.47 0.00	36.58 0.36 0.00	35.37 0.39 0.00	34.86 0.52 0.00	35.37 0.56 0.00	38.67 0.61 0.00	53.14 1.09 0.00	69.48 1.29 0.00	51.52 0.86 0.00	37.23 0.41 0.00	33.57 0.43 0.00	32.25 0.19 0.00	30.45 0.18 0.00	30.36 0.12 0.00	29.86 0.03 0.00	31.97 -0.03 0.00	38.22 -0.08 0.00	52.12 0.10 0.00	60.71 0.48 0.00	58.77 0.12 0.00	46.91 0.19 0.00	42.77 0.13 0.00	39.83 0.31 0.00	36.54 0.26 0.00
ORANGEVILLE_WT_PWR 323706	38.87 0.19 0.00	36.36 0.15 0.00	35.26 0.28 0.00	34.93 0.58 0.00	35.37 0.56 0.00	38.26 0.19 0.00	52.72 0.67 0.00	68.32 0.14 0.00	50.96 0.31 0.00	36.79 -0.04 0.00	33.47 0.33 0.00	31.96 -0.10 0.00	30.21 -0.06 0.00	30.18 -0.06 0.00	29.68 -0.15 0.00	31.53 -0.48 0.00	37.27 -1.03 0.00	50.72 -1.30 0.00	59.09 -1.15 0.00	56.83 -1.82 0.00	45.61 -1.12 0.00	41.87 -0.77 0.00	39.16 -0.36 0.00	36.07 -0.22 0.00
ORANGEVILLE___ESR 323794	38.87 0.19 0.00	36.36 0.15 0.00	35.26 0.28 0.00	34.93 0.58 0.00	35.37 0.56 0.00	38.26 0.19 0.00	52.72 0.67 0.00	68.32 0.14 0.00	50.96 0.31 0.00	36.79 -0.04 0.00	33.47 0.33 0.00	31.96 -0.10 0.00	30.21 -0.06 0.00	30.18 -0.06 0.00	29.68 -0.15 0.00	31.53 -0.48 0.00	37.27 -1.03 0.00	50.72 -1.30 0.00	59.09 -1.15 0.00	56.83 -1.82 0.00	45.61 -1.12 0.00	41.87 -0.77 0.00	39.16 -0.36 0.00	36.07 -0.22 0.00
OSWEGATCHIE___HYD 24044	39.60 0.93 0.00	37.27 1.05 0.00	35.96 0.98 0.00	35.21 0.86 0.00	35.86 1.04 0.00	39.55 1.48 0.00	54.39 2.34 0.00	70.77 2.59 0.00	52.23 1.57 0.00	37.67 0.85 0.00	33.64 0.50 0.00	32.54 0.48 0.00	30.57 0.30 0.00	30.42 0.18 0.00	29.98 0.15 0.00	32.26 0.25 0.00	38.68 0.38 0.00	53.16 1.14 0.00	61.67 1.44 0.00	60.29 1.64 0.00	48.13 1.40 0.00	44.26 1.62 0.00	40.70 1.18 0.00	37.23 0.94 0.00
OSWEGO___5 23606	37.90 -0.77 0.00	35.46 -0.76 0.00	34.24 -0.74 0.00	33.66 -0.69 0.00	34.15 -0.66 0.00	37.31 -0.76 0.00	51.11 -0.94 0.00	66.96 -1.23 0.00	49.69 -0.96 0.00	36.05 -0.78 0.00	32.48 -0.66 0.00	31.38 -0.67 0.00	29.63 -0.64 0.00	29.57 -0.67 0.00	29.15 -0.68 0.00	31.27 -0.73 0.00	37.38 -0.92 0.00	50.82 -1.19 0.00	58.91 -1.33 0.00	57.30 -1.35 0.00	45.70 -1.03 0.00	41.70 -0.94 0.00	38.69 -0.83 0.00	35.49 -0.80 0.00
OSWEGO___6 23613	37.90 -0.77 0.00	35.46 -0.76 0.00	34.24 -0.74 0.00	33.66 -0.69 0.00	34.15 -0.66 0.00	37.31 -0.76 0.00	51.11 -0.94 0.00	66.96 -1.23 0.00	49.69 -0.96 0.00	36.05 -0.78 0.00	32.48 -0.66 0.00	31.38 -0.67 0.00	29.63 -0.64 0.00	29.57 -0.67 0.00	29.15 -0.68 0.00	31.27 -0.73 0.00	37.38 -0.92 0.00	50.82 -1.19 0.00	58.91 -1.33 0.00	57.30 -1.35 0.00	45.70 -1.03 0.00	41.70 -0.94 0.00	38.69 -0.83 0.00	35.49 -0.80 0.00

OUTOKUMPU-AB___DRP 24206	39.03 0.35 0.00	36.69 0.47 0.00	35.50 0.52 0.00	35.21 0.86 0.00	35.30 0.49 0.00	38.18 0.11 0.00	52.57 0.52 0.00	67.77 -0.41 0.00	50.61 -0.05 0.00	37.05 0.22 0.00	33.74 0.60 0.00	32.22 0.16 0.00	30.33 0.06 0.00	30.30 0.06 0.00	29.89 0.06 0.00	31.69 -0.32 0.00	37.38 -0.92 0.00	50.46 -1.56 0.00	58.24 -1.99 0.00	56.07 0.00 0.00	45.09 -1.64 0.00	41.49 -1.15 0.00	38.85 -0.67 0.00	35.92 -0.36 0.00
OXBOW___BTM 323836	39.14 0.47 0.00	36.62 0.40 0.00	35.40 0.42 0.00	35.14 0.79 0.00	35.55 0.73 0.00	38.07 0.00 0.00	52.10 0.05 0.00	67.23 -0.95 0.00	50.61 -0.05 0.00	36.79 -0.04 0.00	33.54 0.40 0.00	31.99 -0.06 0.00	30.18 -0.09 0.00	30.21 -0.03 0.00	29.71 -0.12 0.00	31.49 -0.51 0.00	37.00 -1.30 0.00	49.88 -2.13 0.00	57.70 -2.53 0.00	55.42 -3.23 0.00	44.67 -2.05 0.00	41.15 -1.49 0.00	38.65 -0.87 0.00	35.81 -0.47 0.00
OXBOW___ 24026	38.91 0.23 0.00	36.62 0.40 0.00	35.40 0.42 0.00	35.14 0.79 0.00	35.23 0.42 0.00	37.95 -0.11 0.00	52.10 0.05 0.00	67.16 -1.02 0.00	50.20 -0.46 0.00	36.83 0.00 0.00	33.54 0.40 0.00	31.99 -0.06 0.00	30.15 -0.12 0.00	30.12 -0.12 0.00	29.71 -0.12 0.00	31.49 -0.51 0.00	37.08 -1.23 0.00	49.99 -2.03 0.00	57.70 -2.53 0.00	55.54 -3.11 0.00	44.67 -2.06 0.00	41.15 -1.49 0.00	38.53 -0.99 0.00	35.81 -0.47 0.00
OXY_CHEM_DSASP 323612	38.68 0.00 0.00	36.40 0.18 0.00	35.22 0.24 0.00	34.93 0.58 0.00	35.06 0.24 0.00	37.65 -0.42 0.00	51.48 -0.57 0.00	66.27 -1.91 0.00	49.59 -1.06 0.00	36.42 -0.41 0.00	33.20 0.07 0.00	31.67 -0.38 0.00	29.85 -0.42 0.00	29.81 -0.42 0.00	29.41 -0.42 0.00	31.17 -0.83 0.00	36.69 -1.61 0.00	49.31 -2.70 0.00	56.86 -3.37 0.00	54.78 -3.87 0.00	44.16 -2.57 0.00	40.64 -2.00 0.00	38.14 -1.38 0.00	35.56 -0.73 0.00
OZONE_PARK_ESR 323760	41.00 2.32 0.00	38.17 1.96 0.00	36.69 1.71 0.00	36.00 1.65 0.00	36.38 1.57 0.00	40.25 1.67 -0.51	53.87 1.82 0.00	73.23 3.07 -1.98	52.89 2.23 0.00	40.61 2.03 -1.76	37.19 2.19 -1.86	36.20 2.12 -2.02	34.11 2.09 -1.75	33.86 2.21 -1.42	33.62 2.36 -1.44	35.73 2.50 -1.22	41.66 2.87 -0.49	54.93 2.91 0.00	63.36 3.13 0.00	61.70 3.05 0.00	49.16 2.43 0.00	44.86 2.22 0.00	41.81 2.29 0.00	38.81 2.14 -0.38
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.68 0.00 0.00	36.40 0.18 0.00	35.22 0.24 0.00	34.93 0.58 0.00	35.06 0.24 0.00	37.65 -0.42 0.00	51.48 -0.57 0.00	66.27 -1.91 0.00	49.59 -1.06 0.00	36.42 -0.41 0.00	33.20 0.07 0.00	31.67 -0.38 0.00	29.85 -0.42 0.00	29.81 -0.42 0.00	29.41 -0.42 0.00	31.17 -0.83 0.00	36.69 -1.61 0.00	49.31 -2.70 0.00	56.86 -3.37 0.00	54.78 -3.87 0.00	44.16 -2.57 0.00	40.64 -2.00 0.00	38.14 -1.38 0.00	35.56 -0.73 0.00
PACKARD__115KV_DUPONT_184 80571	38.68 0.00 0.00	36.40 0.18 0.00	35.22 0.24 0.00	34.93 0.58 0.00	35.06 0.24 0.00	37.65 -0.42 0.00	51.48 -0.57 0.00	66.27 -1.91 0.00	49.59 -1.06 0.00	36.42 -0.41 0.00	33.20 0.07 0.00	31.67 -0.38 0.00	29.85 -0.42 0.00	29.81 -0.42 0.00	29.41 -0.42 0.00	31.17 -0.83 0.00	36.69 -1.61 0.00	49.31 -2.70 0.00	56.86 -3.37 0.00	54.78 -3.87 0.00	44.16 -2.57 0.00	40.64 -2.00 0.00	38.14 -1.38 0.00	35.56 -0.73 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.05 2.36 -0.01	38.25 2.03 -0.01	36.77 1.78 -0.01	36.04 1.68 -0.01	36.46 1.64 -0.01	40.25 1.67 -0.51	53.19 1.15 0.00	72.07 1.91 -1.97	51.97 1.32 0.00	40.21 1.62 -1.76	36.83 1.82 -1.87	35.85 1.76 -2.03	33.81 1.79 -1.76	33.59 1.94 -1.42	33.36 2.09 -1.44	35.41 2.18 -1.22	41.28 2.49 -0.49	53.88 1.87 0.01	62.15 1.93 0.01	60.58 1.94 0.01	48.36 1.64 0.00	44.26 1.62 0.00	41.61 2.09 0.00	38.85 2.18 -0.39
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.47 2.78 -0.01	38.65 2.43 -0.01	37.19 2.20 -0.01	36.45 2.10 -0.01	36.88 2.05 -0.01	40.67 2.09 -0.51	53.82 1.77 0.00	72.95 2.80 -1.97	52.53 1.87 0.00	40.58 1.99 -1.76	37.16 2.15 -1.87	36.14 2.05 -2.03	34.09 2.06 -1.76	33.84 2.18 -1.42	33.63 2.36 -1.44	35.70 2.46 -1.22	41.62 2.83 -0.49	54.40 2.39 0.01	62.75 2.53 0.01	61.16 2.52 0.01	48.83 2.10 0.00	44.69 2.05 0.00	41.97 2.45 0.00	39.18 2.50 -0.39
PATROON__115KV_TB1 80586	38.95 0.27 0.00	36.51 0.29 0.00	35.26 0.28 0.00	34.55 0.21 0.00	35.02 0.21 0.00	37.97 0.19 0.28	52.00 -0.05 0.00	67.29 0.20 1.10	50.76 0.10 0.00	36.21 0.07 0.68	32.55 0.13 0.72	31.43 0.16 0.79	29.74 0.15 0.68	29.93 0.24 0.55	29.54 0.27 0.56	31.88 0.35 0.48	38.54 0.42 0.19	52.54 0.52 0.00	60.83 0.60 0.00	59.18 0.53 0.00	47.15 0.42 0.00	42.94 0.30 0.00	39.80 0.28 0.00	36.50 0.36 0.15
PATTRSNVILLE___SOLAR 323815	39.53 0.85 0.00	37.01 0.80 0.00	35.75 0.77 0.00	35.10 0.75 0.00	35.58 0.76 0.00	38.76 0.91 0.22	53.30 1.25 0.00	69.05 1.71 0.84	51.06 0.40 0.00	36.20 -0.11 0.51	32.37 -0.23 0.54	31.18 -0.29 0.59	29.49 -0.27 0.51	29.61 -0.21 0.41	29.23 -0.18 0.42	31.59 -0.06 0.36	38.35 0.19 0.14	53.06 1.04 0.00	61.86 1.63 0.00	60.12 1.47 0.00	47.94 1.21 0.00	43.75 1.11 0.00	40.43 0.91 0.00	36.94 0.76 0.11
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.41 -0.27 0.00	36.07 -0.14 0.00	34.91 -0.07 0.00	34.62 0.27 0.00	34.75 -0.07 0.00	37.76 -0.30 0.00	52.36 0.31 0.00	67.71 -0.48 0.00	50.25 -0.41 0.00	36.68 -0.15 0.00	33.47 0.33 0.00	31.93 -0.13 0.00	30.12 -0.15 0.00	30.09 -0.15 0.00	29.65 -0.18 0.00	31.43 -0.58 0.00	37.15 -1.15 0.00	50.30 -1.72 0.00	58.36 -1.87 0.00	56.19 -2.46 0.00	44.95 -1.78 0.00	41.32 -1.32 0.00	38.57 -0.95 0.00	35.60 -0.69 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.53 1.86 0.00	37.85 1.63 0.00	36.45 1.47 0.00	35.76 1.41 0.00	36.17 1.36 0.00	39.95 1.41 -0.47	53.77 1.72 0.00	72.68 2.66 -1.83	52.43 1.77 0.00	39.92 1.33 -1.77	36.50 1.49 -1.87	35.53 1.44 -2.03	33.48 1.45 -1.76	33.20 1.54 -1.42	33.00 1.73 -1.44	35.03 1.79 -1.23	40.97 2.18 -0.49	54.41 2.39 0.00	62.82 2.59 0.00	61.29 2.64 0.00	48.69 1.96 0.00	44.43 1.79 0.00	41.26 1.74 0.00	38.30 1.63 -0.38
PEEKSKILL___ 23653	40.30 1.62 0.00	37.63 1.41 0.00	36.20 1.22 0.00	35.52 1.17 0.00	35.90 1.08 0.00	39.64 1.10 -0.47	53.19 1.14 0.00	72.03 2.04 -1.80	51.92 1.27 0.00	39.63 1.29 -1.51	36.27 1.53 -1.60	35.27 1.48 -1.74	33.29 1.51 -1.51	33.06 1.60 -1.22	32.83 1.76 -1.24	34.88 1.82 -1.05	40.79 2.07 -0.42	54.10 2.08 0.00	62.52 2.29 0.00	60.88 2.23 0.00	48.46 1.73 0.00	44.22 1.58 0.00	41.10 1.58 0.00	38.14 1.52 -0.33
PGE MADISON___WINDPWR 24146	40.57 1.90 0.00	38.28 2.06 0.00	36.94 1.96 0.00	36.10 1.75 0.00	36.87 2.05 0.00	40.88 2.82 0.00	56.94 4.89 0.00	74.32 6.14 0.00	54.41 3.75 0.00	38.61 1.62 -0.17	34.54 1.23 -0.18	33.21 0.96 -0.19	31.23 0.79 -0.17	30.95 0.57 -0.14	30.50 0.54 -0.14	32.89 0.77 -0.12	39.61 1.26 -0.05	55.24 3.23 0.00	64.57 4.34 0.00	62.99 4.34 0.00	50.23 3.50 0.00	45.84 3.20 0.00	42.13 2.61 0.00	38.50 2.18 -0.04

PIERCEFIELD___HYD 23852	39.53 0.85 0.00	37.20 0.98 0.00	35.89 0.91 0.00	35.21 0.86 0.00	35.86 1.04 0.00	39.48 1.41 0.00	54.03 1.98 0.00	70.30 2.11 0.00	52.02 1.37 0.00	37.75 0.92 0.00	33.67 0.53 0.00	32.63 0.58 0.00	30.67 0.39 0.00	30.51 0.27 0.00	30.04 0.21 0.00	32.33 0.32 0.00	38.84 0.54 0.00	53.11 1.09 0.00	61.32 1.08 0.00	60.00 1.35 0.00	47.99 1.26 0.00	44.09 1.45 0.00	40.59 1.07 0.00	37.19 0.91 0.00
PINELAWN_CC_1 323563	40.92 2.24 0.00	38.35 2.14 0.00	36.76 1.78 0.00	35.96 1.61 0.00	36.31 1.50 0.00	40.10 1.52 -0.51	50.25 -0.10 1.69	54.62 0.41 13.97	48.21 0.05 2.50	40.11 1.51 -1.77	37.17 2.15 -1.88	36.16 2.05 -2.05	34.07 2.03 -1.77	33.78 2.12 -1.43	33.62 2.33 -1.46	35.85 2.46 -1.38	40.86 2.07 -0.49	53.16 1.14 0.00	60.66 0.42 0.00	59.06 0.41 0.00	47.29 0.56 0.00	43.41 0.77 0.00	40.90 1.38 0.00	38.92 2.25 -0.38
PJM_GEN_HTP_PROXY 323702	35.45 1.93 5.16	31.10 1.70 6.82	30.66 1.47 5.79	30.62 1.38 5.10	31.16 1.29 4.94	34.97 1.37 4.47	49.03 1.41 4.42	72.61 2.45 -1.97	49.02 1.67 3.31	37.69 1.69 0.83	33.05 1.89 1.98	30.86 1.83 3.02	30.69 1.85 1.43	30.03 1.96 2.17	29.99 2.12 1.96	31.16 2.21 3.05	35.29 2.53 5.54	46.43 2.50 8.08	54.12 2.59 8.70	51.50 2.58 9.73	41.39 2.01 7.35	35.24 1.87 9.27	33.59 1.90 7.83	32.60 1.81 5.50
PJM_GEN_KEystone 24065	39.18 0.50 0.00	36.54 0.33 0.00	35.33 0.35 0.00	34.79 0.45 0.00	35.16 0.35 0.00	38.27 0.15 -0.05	52.59 0.37 -0.17	69.41 0.34 -0.88	50.76 0.10 0.00	37.75 0.19 -0.74	34.56 0.63 -0.79	33.30 0.39 -0.86	31.47 0.45 -0.74	31.32 0.48 -0.60	30.95 0.51 -0.61	32.85 0.32 -0.52	38.58 0.08 -0.21	51.76 -0.26 0.00	60.11 -0.12 0.00	58.12 -0.53 0.00	46.40 -0.32 0.00	42.47 -0.17 0.00	39.60 0.08 0.00	36.67 0.22 -0.16
PJM_GEN_NEPTUNE_PROXY 323594	40.77 2.09 0.00	38.24 2.03 0.00	36.62 1.64 0.00	35.86 1.51 0.00	36.21 1.39 0.00	39.82 1.41 -0.34	52.04 -0.05 -0.04	53.57 0.54 15.15	48.90 0.20 1.96	40.11 1.51 -1.77	37.10 2.09 -1.88	36.12 2.02 -2.04	34.04 2.00 -1.77	33.75 2.08 -1.43	33.52 2.24 -1.46	35.63 2.37 -1.25	40.78 1.99 -0.49	53.58 1.56 0.00	61.50 1.27 0.00	59.88 1.23 0.00	47.75 1.03 0.00	43.71 1.07 0.00	40.86 1.34 0.00	38.74 2.07 -0.38
PJM_GEN_VFT_PROXY 323633	40.42 1.74 0.00	37.77 1.56 0.00	36.28 1.30 0.00	35.55 1.20 0.00	35.93 1.11 0.00	39.59 1.18 -0.34	53.37 1.14 -0.17	72.34 2.18 -1.98	52.13 1.47 0.00	40.17 1.58 -1.76	36.79 1.79 -1.86	35.81 1.73 -2.02	33.78 1.76 -1.75	33.53 1.88 -1.42	33.30 2.03 -1.44	35.37 2.14 -1.22	41.20 2.41 -0.49	54.25 2.24 0.00	62.58 2.35 0.00	60.94 2.29 0.00	48.55 1.82 0.00	44.35 1.71 0.00	41.26 1.74 0.00	38.34 1.67 -0.38
PLATSBURG_115KV_PMLD1 355749	39.37 0.70 0.00	37.01 0.80 0.00	35.71 0.73 0.00	35.10 0.76 0.00	35.69 0.87 0.00	39.13 1.07 0.00	53.25 1.20 0.00	69.34 1.16 0.00	51.57 0.91 0.00	37.82 0.99 0.00	33.80 0.66 0.00	32.83 0.77 0.00	30.82 0.54 0.00	30.66 0.42 0.00	30.19 0.36 0.00	32.45 0.45 0.00	38.99 0.69 0.00	52.80 0.78 0.00	61.32 1.08 0.00	59.82 1.17 0.00	47.47 0.75 0.00	43.71 1.07 0.00	40.39 0.87 0.00	37.08 0.80 0.00
PLEASANTVLY___LBMP 24000	40.03 1.35 0.00	37.34 1.12 0.00	35.96 0.98 0.00	35.24 0.89 0.00	35.65 0.84 0.00	39.29 0.84 -0.38	52.78 0.73 0.00	71.09 1.43 -1.47	51.62 0.96 0.00	38.65 0.99 -0.83	35.21 1.19 -0.87	34.16 1.15 -0.95	32.31 1.21 -0.82	32.20 1.30 -0.67	31.91 1.40 -0.68	34.05 1.47 -0.57	40.18 1.65 -0.23	53.63 1.61 0.00	61.98 1.75 0.00	60.35 1.70 0.00	48.04 1.31 0.00	43.83 1.19 0.00	40.78 1.26 0.00	37.66 1.20 -0.18
PLSNTVLE_13_KV_13.8KVDIST 80602	40.38 1.70 0.00	37.67 1.45 0.00	36.24 1.26 0.00	35.55 1.20 0.00	35.93 1.11 0.00	39.82 1.18 -0.57	53.19 1.15 0.00	72.43 2.05 -2.20	52.08 1.42 0.00	40.28 1.36 -2.09	36.91 1.56 -2.21	35.96 1.51 -2.40	33.90 1.54 -2.08	33.55 1.63 -1.68	33.33 1.79 -1.71	35.31 1.86 -1.45	40.98 2.11 -0.58	54.10 2.08 0.00	62.52 2.29 0.00	60.94 2.29 0.00	48.50 1.78 0.00	44.22 1.58 0.00	41.14 1.62 0.00	38.30 1.56 -0.45
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.38 1.70 0.00	37.67 1.45 0.00	36.24 1.26 0.00	35.55 1.20 0.00	35.93 1.11 0.00	39.82 1.18 -0.57	53.19 1.15 0.00	72.43 2.05 -2.20	52.08 1.42 0.00	40.28 1.36 -2.09	36.91 1.56 -2.21	35.96 1.51 -2.40	33.90 1.54 -2.08	33.55 1.63 -1.68	33.33 1.79 -1.71	35.31 1.86 -1.45	40.98 2.11 -0.58	54.10 2.08 0.00	62.52 2.29 0.00	60.94 2.29 0.00	48.50 1.78 0.00	44.22 1.58 0.00	41.14 1.62 0.00	38.30 1.56 -0.45
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.23 1.55 0.00	37.52 1.30 0.00	36.13 1.15 0.00	35.45 1.10 0.00	35.86 1.04 0.00	39.21 1.07 -0.07	53.25 1.20 0.00	70.44 1.98 -0.28	51.97 1.32 0.00	38.73 1.10 -0.80	35.22 1.23 -0.85	34.17 1.19 -0.92	32.31 1.24 -0.80	32.22 1.33 -0.65	31.95 1.46 -0.66	34.13 1.57 -0.56	40.36 1.84 -0.22	54.05 2.03 0.00	62.40 2.17 0.00	60.88 2.23 0.00	48.41 1.68 0.00	44.09 1.45 0.00	40.98 1.46 0.00	37.84 1.38 -0.17
POLETTI_____ 23519	30.35 1.90 10.23	29.61 1.63 8.24	28.13 1.40 8.25	28.13 1.31 7.52	28.17 1.25 7.90	29.65 1.26 9.67	35.30 0.57 17.32	47.50 1.30 21.98	30.97 0.81 20.49	28.63 1.22 9.41	29.49 1.52 5.18	29.49 1.47 4.05	29.49 1.51 2.30	29.49 1.66 2.41	29.49 1.82 2.16	29.52 1.92 4.41	29.49 2.18 11.00	36.07 1.46 17.41	45.99 1.45 15.68	44.28 1.41 15.78	31.96 1.26 16.03	30.44 1.24 13.44	29.48 1.70 11.74	29.48 1.81 8.62
POMONA___ESR 323819	40.34 1.66 0.00	37.67 1.45 0.00	36.24 1.26 0.00	35.55 1.20 0.00	35.93 1.11 0.00	39.69 1.18 -0.45	53.30 1.25 0.00	72.09 2.18 -1.72	51.97 1.31 0.00	39.61 1.32 -1.46	36.24 1.56 -1.54	35.24 1.51 -1.67	33.23 1.51 -1.45	33.04 1.63 -1.17	32.78 1.76 -1.19	34.84 1.82 -1.01	40.81 2.11 -0.40	54.20 2.18 0.00	62.64 2.41 0.00	61.06 2.41 0.00	48.55 1.82 0.00	44.30 1.66 0.00	41.18 1.66 0.00	38.20 1.59 -0.32
PORT_JEFF_3 23555	40.61 1.93 0.00	38.06 1.85 0.00	36.41 1.43 0.00	35.62 1.27 0.00	36.00 1.18 0.00	39.80 1.22 -0.51	49.61 -1.20 1.24	51.38 -1.16 15.65	47.36 -0.81 2.49	39.74 1.14 -1.77	36.80 1.79 -1.88	35.83 1.73 -2.04	33.77 1.72 -1.77	33.45 1.78 -1.43	33.34 2.06 -1.46	35.54 2.24 -1.29	40.44 1.65 -0.49	52.69 0.67 0.00	60.11 -0.12 0.00	58.59 -0.06 0.00	46.96 0.23 0.00	43.28 0.64 0.00	40.59 1.07 0.00	38.74 2.07 -0.38
PORT_JEFF_4 23616	40.61 1.93 0.00	38.06 1.85 0.00	36.41 1.43 0.00	35.62 1.27 0.00	36.00 1.18 0.00	39.80 1.22 -0.51	49.61 -1.20 1.24	51.38 -1.16 15.65	47.36 -0.81 2.49	39.74 1.14 -1.77	36.80 1.79 -1.88	35.83 1.73 -2.04	33.77 1.72 -1.77	33.45 1.78 -1.43	33.34 2.06 -1.46	35.54 2.24 -1.29	40.44 1.65 -0.49	52.69 0.67 0.00	60.11 -0.12 0.00	58.59 -0.06 0.00	46.96 0.23 0.00	43.28 0.64 0.00	40.59 1.07 0.00	38.74 2.07 -0.38

PORT_JEFF_IC 23713	40.96 2.28 0.00	38.10 1.88 0.00	36.48 1.50 0.00	35.65 1.31 0.00	36.07 1.25 0.00	39.91 1.33 -0.51	49.45 -1.09 1.51	51.30 -0.95 15.93	47.41 -0.61 2.64	39.78 1.18 -1.77	36.87 1.86 -1.88	35.87 1.76 -2.04	33.83 1.79 -1.77	33.51 1.84 -1.43	33.41 2.12 -1.46	35.61 2.30 -1.30	40.40 1.61 -0.49	52.74 0.73 0.00	60.05 -0.18 0.00	58.47 -0.18 0.00	47.10 0.37 0.00	43.36 0.72 0.00	41.18 1.66 0.00	38.85 2.18 -0.38
PPL PILGRIM_ST_GT1 24216	41.04 2.36 0.00	38.46 2.25 0.00	36.80 1.82 0.00	36.00 1.65 0.00	36.38 1.57 0.00	40.22 1.64 -0.51	50.28 -0.16 1.61	52.79 0.21 15.60	47.96 -0.05 2.64	40.11 1.51 -1.77	37.17 2.15 -1.88	36.16 2.05 -2.04	34.07 2.03 -1.77	33.75 2.08 -1.43	33.65 2.36 -1.46	35.63 2.31 -1.32	40.78 1.99 -0.49	53.47 1.45 0.00	61.25 1.02 0.00	59.70 1.06 0.00	47.61 0.89 0.00	43.66 1.02 0.00	40.86 1.34 0.00	38.92 2.25 -0.38
PPL PILGRIM_ST_GT2 24217	41.04 2.36 0.00	38.46 2.25 0.00	36.80 1.82 0.00	36.00 1.65 0.00	36.38 1.57 0.00	40.22 1.64 -0.51	50.28 -0.16 1.61	52.79 0.21 15.60	47.96 -0.05 2.64	40.11 1.51 -1.77	37.17 2.15 -1.88	36.16 2.05 -2.04	34.07 2.03 -1.77	33.75 2.08 -1.43	33.65 2.36 -1.46	35.63 2.31 -1.32	40.78 1.99 -0.49	53.47 1.45 0.00	61.25 1.02 0.00	59.70 1.06 0.00	47.61 0.89 0.00	43.66 1.02 0.00	40.86 1.34 0.00	38.92 2.25 -0.38
PPL_SHRM_GT3 24213	40.26 1.59 0.00	37.74 1.52 0.00	36.10 1.12 0.00	35.28 0.93 0.00	35.65 0.83 0.00	39.46 0.88 -0.51	49.22 -1.51 1.31	50.99 -1.50 15.70	46.87 -1.26 2.53	39.30 0.70 -1.77	36.41 1.39 -1.88	35.45 1.35 -2.04	33.41 1.36 -1.77	33.06 1.39 -1.43	33.02 1.73 -1.46	35.22 1.92 -1.30	40.17 1.38 -0.49	52.54 0.52 0.00	60.17 -0.06 0.00	58.65 0.00 0.00	46.87 0.14 0.00	43.11 0.47 0.00	40.31 0.79 0.00	38.48 1.81 -0.38
PPL_SHRM_GT4 24214	40.26 1.59 0.00	37.74 1.52 0.00	36.10 1.12 0.00	35.28 0.93 0.00	35.65 0.83 0.00	39.46 0.88 -0.51	49.22 -1.51 1.31	50.99 -1.50 15.70	46.87 -1.26 2.53	39.30 0.70 -1.77	36.41 1.39 -1.88	35.45 1.35 -2.04	33.41 1.36 -1.77	33.06 1.39 -1.43	33.02 1.73 -1.46	35.22 1.92 -1.30	40.17 1.38 -0.49	52.54 0.52 0.00	60.17 -0.06 0.00	58.65 0.00 0.00	46.87 0.14 0.00	43.11 0.47 0.00	40.31 0.79 0.00	38.48 1.81 -0.38
PROJECT___ORANGE 1 24174	38.29 -0.39 0.00	35.86 -0.36 0.00	34.60 -0.38 0.00	34.04 -0.31 0.00	34.47 -0.35 0.00	37.65 -0.42 0.00	51.68 -0.36 0.00	67.71 -0.48 0.00	50.25 -0.41 0.00	36.49 -0.33 0.00	32.87 -0.27 0.00	31.74 -0.32 0.00	30.00 -0.27 0.00	29.90 -0.33 0.00	29.47 -0.36 0.00	31.62 -0.38 0.00	37.80 -0.50 0.00	51.39 -0.62 0.00	59.57 -0.66 0.00	57.89 -0.76 0.00	46.21 -0.51 0.00	42.17 -0.47 0.00	39.08 -0.43 0.00	35.85 -0.44 0.00
PROJECT___ORANGE 2 24166	38.29 -0.39 0.00	35.86 -0.36 0.00	34.60 -0.38 0.00	34.04 -0.31 0.00	34.47 -0.35 0.00	37.65 -0.42 0.00	51.68 -0.36 0.00	67.71 -0.48 0.00	50.25 -0.41 0.00	36.49 -0.33 0.00	32.87 -0.27 0.00	31.74 -0.32 0.00	30.00 -0.27 0.00	29.90 -0.33 0.00	29.47 -0.36 0.00	31.62 -0.38 0.00	37.80 -0.50 0.00	51.39 -0.62 0.00	59.57 -0.66 0.00	57.89 -0.76 0.00	46.21 -0.51 0.00	42.17 -0.47 0.00	39.08 -0.43 0.00	35.85 -0.44 0.00
PUCKETT___SOLAR 323809	39.41 0.73 0.00	36.87 0.65 0.00	35.64 0.66 0.00	35.03 0.69 0.00	35.55 0.73 0.00	38.90 0.84 0.00	53.61 1.56 0.00	70.09 1.91 0.00	51.77 1.11 0.00	37.34 0.33 -0.18	33.66 0.33 -0.19	32.43 0.16 -0.21	30.61 0.15 -0.18	30.48 0.09 -0.15	30.07 0.09 -0.15	32.20 0.06 -0.13	38.54 0.19 -0.05	52.74 0.73 0.00	61.50 1.27 0.00	59.71 1.06 0.00	47.61 0.89 0.00	43.45 0.81 0.00	40.27 0.75 0.00	37.01 0.69 -0.04
PYRITES___HYD 24023	39.88 1.20 0.00	37.59 1.38 0.00	36.27 1.29 0.00	35.52 1.17 0.00	36.24 1.43 0.00	39.97 1.90 0.00	54.96 2.91 0.00	71.25 3.07 0.00	52.53 1.87 0.00	37.89 1.07 0.00	33.77 0.63 0.00	32.73 0.67 0.00	30.73 0.45 0.00	30.57 0.33 0.00	30.10 0.27 0.00	32.42 0.42 0.00	39.03 0.73 0.00	53.63 1.61 0.00	62.22 1.99 0.00	60.94 2.29 0.00	48.60 1.87 0.00	44.60 1.96 0.00	40.98 1.46 0.00	37.52 1.23 0.00
QUAKERRD_115KV_BK1 80622	37.79 -0.89 0.00	35.42 -0.80 0.00	34.25 -0.73 0.00	33.69 -0.65 0.00	34.08 -0.73 0.00	37.27 -0.80 0.00	51.16 -0.88 0.00	66.82 -1.36 0.00	49.59 -1.06 0.00	36.13 -0.70 0.00	32.58 -0.56 0.00	31.35 -0.71 0.00	29.55 -0.73 0.00	29.42 -0.82 0.00	28.94 -0.89 0.00	31.05 -0.96 0.00	36.96 -1.34 0.00	50.40 -1.61 0.00	58.30 -1.93 0.00	56.54 -2.11 0.00	45.19 -1.54 0.00	41.32 -1.32 0.00	38.33 -1.19 0.00	35.12 -1.16 0.00
QUENSBRY_115KV_TB8 356137	39.72 1.04 0.00	37.27 1.05 0.00	35.99 1.01 0.00	35.34 1.00 0.00	35.86 1.04 0.00	38.87 1.10 0.30	53.61 1.56 0.00	69.27 2.25 1.16	51.77 1.11 0.00	36.49 0.37 0.70	32.53 0.13 0.74	31.28 0.03 0.81	29.51 -0.06 0.70	29.73 0.06 0.57	29.29 0.03 0.57	31.71 0.19 0.49	38.61 0.50 0.19	53.53 1.51 0.00	62.40 2.17 0.00	60.53 1.88 0.00	48.27 1.54 0.00	43.92 1.28 0.00	40.55 1.03 0.00	37.04 0.91 0.15
RAMAPO___LBMP 323565	40.30 1.62 0.00	37.56 1.34 0.00	36.17 1.19 0.00	35.48 1.13 0.00	35.86 1.04 0.00	39.61 1.10 -0.44	53.19 1.15 0.00	71.94 2.05 -1.71	51.97 1.32 0.00	39.50 1.22 -1.46	36.17 1.49 -1.54	35.17 1.44 -1.67	33.20 1.48 -1.45	32.98 1.57 -1.17	32.72 1.70 -1.19	34.78 1.76 -1.01	40.69 1.99 -0.40	54.05 2.03 0.00	62.52 2.29 0.00	60.82 2.17 0.00	48.41 1.68 0.00	44.13 1.49 0.00	41.10 1.58 0.00	38.09 1.49 -0.32
RANKINE____ 23646	38.83 0.15 0.00	36.51 0.29 0.00	35.33 0.35 0.00	35.03 0.69 0.00	35.16 0.35 0.00	38.18 0.11 0.00	52.78 0.73 0.00	68.18 0.00 0.00	50.71 0.05 0.00	37.08 0.26 0.00	33.77 0.63 0.00	32.25 0.19 0.00	30.42 0.15 0.00	30.36 0.12 0.00	29.95 0.12 0.00	31.75 -0.26 0.00	37.46 -0.84 0.00	50.66 -1.35 0.00	58.67 -1.57 0.00	56.48 -2.17 0.00	45.28 -1.45 0.00	41.66 -0.98 0.00	38.93 -0.59 0.00	35.92 -0.36 0.00
RAVENSWOOD_GT2_1 24244	40.73 2.05 0.00	37.92 1.70 0.00	36.48 1.50 0.00	35.76 1.41 0.00	36.17 1.36 0.00	39.99 1.41 -0.51	53.40 1.35 0.00	72.55 2.39 -1.98	52.38 1.72 0.00	40.28 1.69 -1.76	36.89 1.89 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.39 2.12 -1.44	35.44 2.21 -1.22	41.28 2.49 -0.49	54.41 2.39 0.00	62.76 2.53 0.00	61.11 2.46 0.00	48.74 2.01 0.00	44.47 1.83 0.00	41.46 1.94 0.00	38.52 1.85 -0.38
RAVENSWOOD_GT2_2 24245	40.73 2.05 0.00	37.92 1.70 0.00	36.48 1.50 0.00	35.76 1.41 0.00	36.17 1.36 0.00	39.99 1.41 -0.51	53.40 1.35 0.00	72.55 2.39 -1.98	52.38 1.72 0.00	40.28 1.69 -1.76	36.89 1.89 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.39 2.12 -1.44	35.44 2.21 -1.22	41.28 2.49 -0.49	54.41 2.39 0.00	62.76 2.53 0.00	61.11 2.46 0.00	48.74 2.01 0.00	44.47 1.83 0.00	41.46 1.94 0.00	38.52 1.85 -0.38



RAVENSWOOD_GT2_3 24246	40.73 2.05 0.00	37.96 1.74 0.00	36.48 1.50 0.00	35.79 1.44 0.00	36.17 1.36 0.00	40.03 1.45 -0.51	53.45 1.41 0.00	72.62 2.45 -1.98	52.43 1.77 0.00	40.32 1.73 -1.76	36.93 1.92 -1.87	35.94 1.86 -2.03	33.90 1.88 -1.76	33.65 2.00 -1.42	33.39 2.12 -1.44	35.47 2.24 -1.22	41.32 2.53 -0.49	54.46 2.44 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.52 1.88 0.00	41.49 1.98 0.00	38.52 1.85 -0.38
RAVENSWOOD_GT2_4 24247	40.73 2.05 0.00	37.96 1.74 0.00	36.48 1.50 0.00	35.79 1.44 0.00	36.17 1.36 0.00	40.03 1.45 -0.51	53.45 1.41 0.00	72.62 2.45 -1.98	52.43 1.77 0.00	40.32 1.73 -1.76	36.93 1.92 -1.87	35.94 1.86 -2.03	33.90 1.88 -1.76	33.65 2.00 -1.42	33.39 2.12 -1.44	35.47 2.24 -1.22	41.32 2.53 -0.49	54.46 2.44 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.52 1.88 0.00	41.49 1.98 0.00	38.52 1.85 -0.38
RAVENSWOOD_GT3_1 24248	40.73 2.05 0.00	37.96 1.74 0.00	36.48 1.50 0.00	35.76 1.41 0.00	36.17 1.36 0.00	39.99 1.41 -0.51	53.40 1.35 0.00	72.55 2.39 -1.98	52.38 1.72 0.00	40.28 1.69 -1.76	36.89 1.89 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.39 2.12 -1.44	35.44 2.21 -1.22	41.32 2.53 -0.49	54.41 2.39 0.00	62.76 2.53 0.00	61.11 2.46 0.00	48.74 2.01 0.00	44.47 1.83 0.00	41.46 1.94 0.00	38.52 1.85 -0.38
RAVENSWOOD_GT3_2 24249	40.73 2.05 0.00	37.96 1.74 0.00	36.48 1.50 0.00	35.76 1.41 0.00	36.17 1.36 0.00	39.99 1.41 -0.51	53.40 1.35 0.00	72.55 2.39 -1.98	52.38 1.72 0.00	40.28 1.69 -1.76	36.89 1.89 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.39 2.12 -1.44	35.44 2.21 -1.22	41.32 2.53 -0.49	54.41 2.39 0.00	62.76 2.53 0.00	61.11 2.46 0.00	48.74 2.01 0.00	44.47 1.83 0.00	41.46 1.94 0.00	38.52 1.85 -0.38
RAVENSWOOD_GT3_3 24250	40.77 2.09 0.00	37.99 1.77 0.00	36.52 1.54 0.00	35.82 1.48 0.00	36.21 1.39 0.00	40.06 1.48 -0.51	53.51 1.46 0.00	72.69 2.52 -1.98	52.48 1.82 0.00	40.36 1.77 -1.76	36.96 1.96 -1.87	35.97 1.89 -2.03	33.93 1.91 -1.76	33.68 2.03 -1.42	33.45 2.18 -1.44	35.50 2.27 -1.22	41.35 2.57 -0.49	54.51 2.50 0.00	62.88 2.65 0.00	61.23 2.58 0.00	48.78 2.06 0.00	44.56 1.92 0.00	41.53 2.02 0.00	38.56 1.89 -0.38
RAVENSWOOD_GT3_4 24251	40.77 2.09 0.00	37.99 1.77 0.00	36.52 1.54 0.00	35.82 1.48 0.00	36.21 1.39 0.00	40.06 1.48 -0.51	53.51 1.46 0.00	72.69 2.52 -1.98	52.48 1.82 0.00	40.36 1.77 -1.76	36.96 1.96 -1.87	35.97 1.89 -2.03	33.93 1.91 -1.76	33.68 2.03 -1.42	33.45 2.18 -1.44	35.50 2.27 -1.22	41.35 2.57 -0.49	54.51 2.50 0.00	62.88 2.65 0.00	61.23 2.58 0.00	48.78 2.06 0.00	44.56 1.92 0.00	41.53 2.02 0.00	38.56 1.89 -0.38
RAVENSWOOD_GT_1 23729	40.93 2.24 -0.01	38.15 1.92 -0.01	36.67 1.68 -0.01	35.97 1.61 -0.01	36.36 1.53 -0.01	40.18 1.60 -0.51	53.25 1.20 0.00	72.27 2.11 -1.97	52.23 1.57 0.00	40.39 1.80 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.71 2.06 -1.42	33.48 2.21 -1.44	35.57 2.34 -1.22	41.43 2.64 -0.49	54.20 2.18 0.01	62.51 2.29 0.01	60.93 2.29 0.01	48.64 1.92 0.00	44.47 1.83 0.00	41.61 2.09 0.00	38.71 2.03 -0.39
RAVENSWOOD_GT_10 24258	40.73 2.05 0.00	37.92 1.70 0.00	36.48 1.50 0.00	35.75 1.41 0.00	36.17 1.36 0.00	39.99 1.41 -0.51	53.45 1.41 0.00	72.62 2.45 -1.98	52.43 1.77 0.00	40.28 1.69 -1.76	36.89 1.89 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.39 2.12 -1.44	35.44 2.21 -1.22	41.28 2.49 -0.49	54.41 2.39 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.47 1.83 0.00	41.46 1.94 0.00	38.52 1.85 -0.38
RAVENSWOOD_GT_11 24259	40.73 2.05 0.00	37.92 1.70 0.00	36.48 1.50 0.00	35.75 1.41 0.00	36.17 1.36 0.00	39.99 1.41 -0.51	53.45 1.41 0.00	72.62 2.45 -1.98	52.43 1.77 0.00	40.28 1.69 -1.76	36.89 1.89 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.39 2.12 -1.44	35.44 2.21 -1.22	41.28 2.49 -0.49	54.41 2.39 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.47 1.83 0.00	41.46 1.94 0.00	38.52 1.85 -0.38
RAVENSWOOD_GT_4 24252	40.77 2.09 -0.01	38.00 1.77 -0.01	36.53 1.54 -0.01	35.80 1.44 -0.01	36.22 1.39 -0.01	40.03 1.45 -0.51	53.30 1.25 0.00	72.42 2.25 -1.99	52.33 1.67 0.00	40.32 1.73 -1.76	36.93 1.92 -1.87	35.94 1.86 -2.03	33.87 1.85 -1.76	33.65 2.00 -1.42	33.39 2.12 -1.44	35.47 2.24 -1.22	41.32 2.53 -0.49	54.31 2.29 -0.01	62.65 2.41 -0.01	61.00 2.35 -0.01	48.64 1.92 0.00	44.43 1.79 0.00	41.49 1.98 0.00	38.56 1.89 -0.39
RAVENSWOOD_GT_5 24254	40.77 2.09 -0.01	38.00 1.77 -0.01	36.53 1.54 -0.01	35.80 1.44 -0.01	36.22 1.39 -0.01	40.03 1.45 -0.51	53.30 1.25 0.00	72.42 2.25 -1.99	52.33 1.67 0.00	40.32 1.73 -1.76	36.93 1.92 -1.87	35.94 1.86 -2.03	33.87 1.85 -1.76	33.65 2.00 -1.42	33.39 2.12 -1.44	35.47 2.24 -1.22	41.32 2.53 -0.49	54.31 2.29 -0.01	62.65 2.41 -0.01	61.00 2.35 -0.01	48.64 1.92 0.00	44.43 1.79 0.00	41.49 1.98 0.00	38.56 1.89 -0.39
RAVENSWOOD_GT_6 24253	40.77 2.09 -0.01	38.00 1.77 -0.01	36.53 1.54 -0.01	35.80 1.44 -0.01	36.22 1.39 -0.01	40.03 1.45 -0.51	53.30 1.25 0.00	72.42 2.25 -1.99	52.33 1.67 0.00	40.32 1.73 -1.76	36.93 1.92 -1.87	35.94 1.86 -2.03	33.87 1.85 -1.76	33.65 2.00 -1.42	33.39 2.12 -1.44	35.47 2.24 -1.22	41.32 2.53 -0.49	54.31 2.29 -0.01	62.65 2.41 -0.01	61.00 2.35 -0.01	48.64 1.92 0.00	44.43 1.79 0.00	41.49 1.98 0.00	38.56 1.89 -0.39
RAVENSWOOD_GT_7 24255	40.77 2.09 -0.01	38.00 1.77 -0.01	36.53 1.54 -0.01	35.80 1.44 -0.01	36.22 1.39 -0.01	40.03 1.45 -0.51	53.30 1.25 0.00	72.42 2.25 -1.99	52.33 1.67 0.00	40.32 1.73 -1.76	36.93 1.92 -1.87	35.94 1.86 -2.03	33.87 1.85 -1.76	33.65 2.00 -1.42	33.39 2.12 -1.44	35.47 2.24 -1.22	41.32 2.53 -0.49	54.31 2.29 -0.01	62.65 2.41 -0.01	61.00 2.35 -0.01	48.64 1.92 0.00	44.43 1.79 0.00	41.49 1.98 0.00	38.56 1.89 -0.39
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.73 2.05 0.00	37.92 1.70 0.00	36.48 1.50 0.00	35.75 1.41 0.00	36.17 1.36 0.00	39.99 1.41 -0.51	53.45 1.41 0.00	72.62 2.45 -1.98	52.43 1.77 0.00	40.28 1.69 -1.76	36.89 1.89 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.39 2.12 -1.44	35.44 2.21 -1.22	41.28 2.49 -0.49	54.41 2.39 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.47 1.83 0.00	41.46 1.94 0.00	38.52 1.85 -0.38
RAVENSWOOD_GT_9 24257	40.73 2.05 0.00	37.92 1.70 0.00	36.48 1.50 0.00	35.75 1.41 0.00	36.17 1.36 0.00	39.99 1.41 -0.51	53.45 1.41 0.00	72.62 2.45 -1.98	52.43 1.77 0.00	40.28 1.69 -1.76	36.89 1.89 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.97 -1.42	33.39 2.12 -1.44	35.44 2.21 -1.22	41.28 2.49 -0.49	54.41 2.39 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.47 1.83 0.00	41.46 1.94 0.00	38.52 1.85 -0.38

RAVENSWOOD___1 23533	40.81 2.13 -0.01	38.11 1.88 -0.01	36.63 1.64 -0.01	35.94 1.58 -0.01	36.32 1.50 -0.01	40.10 1.52 -0.51	53.19 1.14 0.00	72.20 2.04 -1.97	52.07 1.42 0.00	40.36 1.77 -1.76	36.96 1.95 -1.87	35.97 1.89 -2.03	33.94 1.91 -1.76	33.68 2.03 -1.42	33.48 2.21 -1.44	35.54 2.31 -1.22	41.43 2.64 -0.49	54.19 2.18 0.01	62.51 2.29 0.01	60.87 2.23 0.01	48.60 1.87 0.00	44.51 1.87 0.00	41.57 2.05 0.00	38.67 1.99 -0.39
RAVENSWOOD___2 23534	40.73 2.05 -0.01	38.04 1.81 -0.01	36.56 1.58 -0.01	35.87 1.51 -0.01	36.25 1.43 -0.01	40.03 1.45 -0.51	52.83 0.78 0.00	71.65 1.50 -1.97	51.82 1.17 0.00	40.28 1.69 -1.76	36.89 1.89 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.96 -1.42	33.39 2.12 -1.44	35.47 2.24 -1.22	41.35 2.57 -0.49	53.83 1.82 0.01	61.97 1.75 0.01	60.40 1.76 0.01	48.41 1.68 0.00	44.39 1.75 0.00	41.45 1.94 0.00	38.60 1.92 -0.39
RAVENSWOOD___3 23535	40.65 1.97 0.00	37.96 1.74 0.00	36.48 1.50 0.00	35.76 1.41 0.00	36.14 1.32 0.00	39.99 1.41 -0.51	53.40 1.35 0.00	72.55 2.39 -1.98	52.28 1.62 0.00	40.28 1.69 -1.76	36.89 1.89 -1.87	35.91 1.83 -2.03	33.87 1.85 -1.76	33.62 1.96 -1.42	33.39 2.12 -1.44	35.44 2.21 -1.22	41.32 2.53 -0.49	54.46 2.45 0.00	62.82 2.59 0.00	61.17 2.52 0.00	48.74 2.01 0.00	44.51 1.87 0.00	41.42 1.90 0.00	38.52 1.85 -0.38
RAVENSWOOD___4 23820	40.77 2.09 -0.01	38.07 1.85 -0.01	36.63 1.64 -0.01	35.90 1.55 -0.01	36.28 1.46 -0.01	40.10 1.52 -0.51	53.14 1.09 0.00	72.20 2.04 -1.97	52.03 1.37 0.00	40.36 1.77 -1.76	36.93 1.92 -1.87	35.97 1.89 -2.03	33.90 1.88 -1.76	33.68 2.03 -1.42	33.45 2.18 -1.44	35.50 2.27 -1.22	41.43 2.64 -0.49	54.14 2.13 0.01	62.45 2.23 0.01	60.81 2.17 0.01	48.55 1.82 0.00	44.47 1.83 0.00	41.53 2.01 0.00	38.67 1.99 -0.39
RCPL_TRUST___DRP 24196	40.73 2.05 0.00	37.96 1.74 0.00	36.48 1.50 0.00	35.79 1.44 0.00	36.17 1.36 0.00	40.02 1.45 -0.51	53.56 1.51 0.00	72.75 2.59 -1.97	52.53 1.87 0.00	40.35 1.77 -1.76	36.95 1.96 -1.86	35.97 1.89 -2.02	33.93 1.91 -1.75	33.68 2.03 -1.42	33.41 2.15 -1.43	35.50 2.27 -1.22	41.35 2.57 -0.49	54.57 2.55 0.00	62.94 2.71 0.00	61.29 2.64 0.00	48.83 2.10 0.00	44.56 1.92 0.00	41.49 1.98 0.00	38.52 1.85 -0.38
RED___ROCHESTER 323720	39.06 0.39 0.00	36.51 0.29 0.00	35.33 0.35 0.00	34.79 0.45 0.00	35.34 0.52 0.00	38.45 0.38 0.00	52.78 0.73 0.00	68.87 0.68 0.00	51.42 0.76 0.00	37.27 0.44 0.00	33.67 0.53 0.00	32.35 0.29 0.00	30.48 0.21 0.00	30.54 0.30 0.00	29.95 0.12 0.00	31.97 -0.03 0.00	37.96 -0.35 0.00	51.86 -0.16 0.00	60.05 -0.18 0.00	58.12 -0.53 0.00	46.49 -0.23 0.00	42.55 -0.09 0.00	39.52 0.00 0.00	36.18 -0.11 0.00
REGAN___SOLAR 323812	40.03 1.35 0.00	37.52 1.30 0.00	36.24 1.26 0.00	35.58 1.23 0.00	36.14 1.32 0.00	39.51 1.64 0.19	54.49 2.45 0.00	70.64 3.21 0.75	51.31 0.66 0.00	35.71 -0.66 0.45	31.50 -1.16 0.48	30.19 -1.35 0.52	28.43 -1.39 0.45	28.60 -1.27 0.36	28.33 -1.13 0.37	30.86 -0.83 0.31	37.95 -0.23 0.12	53.63 1.61 0.00	62.94 2.71 0.00	61.11 2.46 0.00	48.78 2.05 0.00	44.51 1.87 0.00	40.98 1.46 0.00	37.38 1.20 0.10
RENSSELAER___COGEN 23796	38.79 0.12 0.00	36.36 0.15 0.00	35.12 0.14 0.00	34.42 0.07 0.00	34.89 0.07 0.00	37.80 0.00 0.27	51.74 -0.31 0.00	67.01 -0.14 1.04	50.46 -0.20 0.00	36.14 -0.04 0.65	32.49 0.03 0.68	31.38 0.06 0.74	29.72 0.09 0.64	29.90 0.18 0.52	29.51 0.21 0.53	31.84 0.29 0.45	38.47 0.34 0.18	52.33 0.31 0.00	60.53 0.30 0.00	58.94 0.29 0.00	46.96 0.23 0.00	42.77 0.13 0.00	39.64 0.12 0.00	36.40 0.26 0.14
REPUBLIC_115KV_BARTNBK 55605	41.35 2.67 0.00	38.79 2.57 0.00	37.50 2.52 0.00	36.85 2.51 0.00	37.43 2.61 0.00	40.69 2.93 0.30	56.26 4.22 0.00	72.67 5.66 1.18	53.90 3.24 0.00	37.62 1.51 0.71	33.31 0.93 0.75	31.98 0.74 0.82	30.08 0.51 0.71	30.27 0.60 0.57	29.79 0.54 0.58	32.34 0.83 0.49	39.60 1.49 0.20	55.71 3.69 0.00	65.29 5.06 0.00	63.17 4.52 0.00	50.47 3.74 0.00	45.84 3.20 0.00	42.17 2.65 0.00	38.42 2.29 0.15
REVERE_CPPR_DRP 24186	39.76 1.08 0.00	37.38 1.16 0.00	36.06 1.08 0.00	35.27 0.93 0.00	35.96 1.15 0.00	39.63 1.56 0.00	54.65 2.60 0.00	71.39 3.20 0.00	52.63 1.98 0.00	37.75 0.92 0.00	33.83 0.70 0.00	32.67 0.61 0.00	30.79 0.51 0.00	30.69 0.45 0.00	30.25 0.42 0.00	32.52 0.51 0.00	39.03 0.73 0.00	53.68 1.66 0.00	62.40 2.17 0.00	60.88 2.23 0.00	48.50 1.78 0.00	44.30 1.66 0.00	40.78 1.26 0.00	37.30 1.02 0.00
REYNLDPA_13_KV_LD 356490	39.10 0.43 0.00	36.72 0.51 0.00	35.47 0.49 0.00	34.83 0.48 0.00	35.30 0.49 0.00	38.75 0.69 0.00	53.09 1.04 0.00	69.21 1.02 0.00	51.47 0.81 0.00	37.41 0.59 0.00	33.50 0.37 0.00	32.47 0.42 0.00	30.57 0.30 0.00	30.45 0.21 0.00	30.01 0.18 0.00	32.23 0.23 0.00	38.68 0.38 0.00	52.69 0.67 0.00	61.07 0.84 0.00	59.59 0.94 0.00	47.38 0.65 0.00	43.24 0.60 0.00	40.03 0.51 0.00	36.76 0.47 0.00
REYNOLDS_115KV_TB3 80639	39.14 0.46 0.00	36.62 0.40 0.00	35.36 0.38 0.00	34.66 0.31 0.00	35.09 0.28 0.00	38.05 0.30 0.33	52.15 0.10 0.00	67.40 0.48 1.26	50.96 0.30 0.00	36.30 0.26 0.78	32.61 0.30 0.83	31.48 0.32 0.90	29.82 0.33 0.78	30.03 0.42 0.63	29.67 0.48 0.64	32.01 0.54 0.54	38.74 0.65 0.21	52.74 0.73 0.00	61.13 0.90 0.00	59.47 0.82 0.00	47.38 0.65 0.00	43.15 0.51 0.00	40.03 0.51 0.00	36.66 0.54 0.17
RIVERBAY____ 323610	41.47 2.78 -0.01	38.65 2.43 -0.01	37.19 2.20 -0.01	36.45 2.10 -0.01	36.88 2.05 -0.01	40.67 2.09 -0.51	53.82 1.77 0.00	72.95 2.80 -1.97	52.53 1.87 0.00	40.58 1.99 -1.76	37.16 2.15 -1.87	36.14 2.05 -2.03	34.09 2.06 -1.76	33.84 2.18 -1.42	33.63 2.36 -1.44	35.70 2.46 -1.22	41.62 2.83 -0.49	54.40 2.39 0.01	62.75 2.53 0.01	61.16 2.52 0.01	48.83 2.10 0.00	44.69 2.05 0.00	41.97 2.45 0.00	39.18 2.50 -0.39
RIVERSDE_115KV_TB3 55908	38.99 0.31 0.00	36.51 0.29 0.00	35.26 0.28 0.00	34.55 0.21 0.00	35.02 0.21 0.00	37.96 0.19 0.30	52.00 -0.05 0.00	67.23 0.20 1.15	50.76 0.10 0.00	36.25 0.15 0.72	32.54 0.17 0.76	31.42 0.19 0.83	29.77 0.21 0.72	29.96 0.30 0.58	29.60 0.36 0.59	31.92 0.42 0.50	38.60 0.50 0.20	52.54 0.52 0.00	60.89 0.66 0.00	59.24 0.59 0.00	47.19 0.47 0.00	42.98 0.34 0.00	39.84 0.32 0.00	36.53 0.40 0.15
ROARING___BROOK_WT_PWR 323790	38.37 -0.31 0.00	36.00 -0.22 0.00	34.77 -0.21 0.00	34.18 -0.17 0.00	34.68 -0.14 0.00	37.99 -0.08 0.00	52.00 -0.05 0.00	68.12 -0.07 0.00	50.66 0.00 0.00	36.86 0.04 0.00	33.14 0.00 0.00	32.09 0.03 0.00	30.27 0.00 0.00	30.24 0.00 0.00	29.83 0.00 0.00	32.01 0.00 0.00	38.34 0.04 0.00	52.07 0.05 0.00	60.29 0.06 0.00	58.77 0.12 0.00	46.77 0.05 0.00	42.68 0.04 0.00	39.56 0.04 0.00	36.32 0.04 0.00

ROCHESRG_115KV_T4 355643	38.64 -0.04 0.00	36.22 0.00 0.00	35.01 0.03 0.00	34.52 0.17 0.00	34.89 0.07 0.00	38.07 0.00 0.00	52.26 0.21 0.00	68.18 0.00 0.00	50.66 0.00 0.00	36.94 0.11 0.00	33.34 0.20 0.00	32.03 -0.03 0.00	30.21 -0.06 0.00	30.18 -0.06 0.00	29.68 -0.15 0.00	31.72 -0.29 0.00	37.69 -0.61 0.00	51.34 -0.68 0.00	59.33 -0.90 0.00	57.54 -1.11 0.00	46.03 -0.70 0.00	42.09 -0.55 0.00	39.08 -0.43 0.00	35.89 -0.40 0.00
ROCHESTER_9_IC 23652	38.79 0.12 0.00	36.40 0.18 0.00	35.19 0.21 0.00	34.69 0.34 0.00	35.02 0.21 0.00	38.26 0.19 0.00	52.57 0.52 0.00	68.59 0.41 0.00	50.96 0.30 0.00	37.12 0.29 0.00	33.54 0.40 0.00	32.19 0.13 0.00	30.33 0.06 0.00	30.36 0.12 0.00	29.83 0.00 0.00	31.85 -0.16 0.00	37.84 -0.46 0.00	51.65 -0.36 0.00	59.69 -0.54 0.00	57.89 -0.76 0.00	46.26 -0.47 0.00	42.34 -0.30 0.00	39.28 -0.24 0.00	36.03 -0.25 0.00
ROCKVIEW_13_KV_LD 356306	40.61 1.93 0.00	37.85 1.63 0.00	36.41 1.43 0.00	35.69 1.34 0.00	36.10 1.29 0.00	39.95 1.37 -0.51	53.45 1.41 0.00	72.62 2.45 -1.98	52.38 1.72 0.00	40.17 1.58 -1.76	36.79 1.79 -1.86	35.81 1.73 -2.02	33.75 1.73 -1.75	33.50 1.84 -1.42	33.27 2.00 -1.44	35.34 2.11 -1.22	41.16 2.37 -0.49	54.46 2.44 0.00	62.88 2.65 0.00	61.29 2.64 0.00	48.78 2.06 0.00	44.47 1.83 0.00	41.38 1.86 0.00	38.45 1.78 -0.38
ROME____115KV_TB2 80656	39.76 1.08 0.00	37.38 1.16 0.00	36.06 1.08 0.00	35.27 0.93 0.00	35.96 1.15 0.00	39.63 1.56 0.00	54.65 2.60 0.00	71.39 3.20 0.00	52.63 1.98 0.00	37.75 0.92 0.00	33.83 0.70 0.00	32.67 0.61 0.00	30.79 0.51 0.00	30.69 0.45 0.00	30.25 0.42 0.00	32.52 0.51 0.00	39.03 0.73 0.00	53.68 1.66 0.00	62.40 2.17 0.00	60.88 2.23 0.00	48.50 1.78 0.00	44.30 1.66 0.00	40.78 1.26 0.00	37.30 1.02 0.00
ROSETON___1 23587	39.92 1.24 0.00	37.30 1.09 0.00	35.92 0.94 0.00	35.21 0.86 0.00	35.58 0.76 0.00	39.49 0.80 -0.62	52.62 0.57 0.00	71.82 1.23 -2.41	51.42 0.76 0.00	40.25 0.96 -2.46	36.91 1.16 -2.61	36.01 1.12 -2.83	33.91 1.18 -2.45	33.49 1.27 -1.99	33.24 1.40 -2.01	35.16 1.44 -1.71	40.63 1.65 -0.68	53.53 1.51 0.00	61.79 1.56 0.00	60.23 1.58 0.00	47.94 1.21 0.00	43.79 1.15 0.00	40.70 1.18 0.00	37.98 1.16 -0.53
ROSETON___2 23588	39.92 1.24 0.00	37.30 1.09 0.00	35.92 0.94 0.00	35.21 0.86 0.00	35.58 0.76 0.00	39.49 0.80 -0.62	52.62 0.57 0.00	71.82 1.23 -2.41	51.42 0.76 0.00	40.25 0.96 -2.46	36.91 1.16 -2.61	36.01 1.12 -2.83	33.91 1.18 -2.45	33.49 1.27 -1.99	33.24 1.40 -2.01	35.16 1.44 -1.71	40.63 1.65 -0.68	53.53 1.51 0.00	61.79 1.56 0.00	60.23 1.58 0.00	47.94 1.21 0.00	43.79 1.15 0.00	40.70 1.18 0.00	37.98 1.16 -0.53
ROTTRDAM_115KV_TB3 80664	39.45 0.77 0.00	36.91 0.69 0.00	35.61 0.63 0.00	34.97 0.62 0.00	35.44 0.63 0.00	38.48 0.65 0.23	52.83 0.78 0.00	68.44 1.16 0.90	51.32 0.66 0.00	36.64 0.37 0.55	32.89 0.33 0.58	31.74 0.32 0.63	30.03 0.30 0.55	30.19 0.39 0.44	29.77 0.39 0.45	32.10 0.48 0.38	38.80 0.65 0.15	53.00 0.99 0.00	61.50 1.26 0.00	59.82 1.17 0.00	47.71 0.98 0.00	43.45 0.81 0.00	40.27 0.75 0.00	36.86 0.69 0.12
RUSSELL___1 23602	38.95 0.27 0.00	36.51 0.29 0.00	35.33 0.35 0.00	34.79 0.45 0.00	35.16 0.35 0.00	38.41 0.34 0.00	52.78 0.73 0.00	68.87 0.68 0.00	51.16 0.51 0.00	37.27 0.44 0.00	33.67 0.53 0.00	32.35 0.29 0.00	30.45 0.18 0.00	30.48 0.24 0.00	29.95 0.12 0.00	31.97 -0.03 0.00	37.99 -0.31 0.00	51.91 -0.10 0.00	60.05 -0.18 0.00	58.18 -0.47 0.00	46.49 -0.23 0.00	42.55 -0.09 0.00	39.44 -0.08 0.00	36.14 -0.15 0.00
RUSSELL___2 23532	38.95 0.27 0.00	36.51 0.29 0.00	35.33 0.35 0.00	34.79 0.45 0.00	35.16 0.35 0.00	38.41 0.34 0.00	52.78 0.73 0.00	68.87 0.68 0.00	51.16 0.51 0.00	37.27 0.44 0.00	33.67 0.53 0.00	32.35 0.29 0.00	30.45 0.18 0.00	30.48 0.24 0.00	29.95 0.12 0.00	31.97 -0.03 0.00	37.99 -0.31 0.00	51.91 -0.10 0.00	60.05 -0.18 0.00	58.18 -0.47 0.00	46.49 -0.23 0.00	42.55 -0.09 0.00	39.44 -0.08 0.00	36.14 -0.15 0.00
RUSSELL___3 23549	38.95 0.27 0.00	36.51 0.29 0.00	35.33 0.35 0.00	34.79 0.45 0.00	35.16 0.35 0.00	38.41 0.34 0.00	52.78 0.73 0.00	68.87 0.68 0.00	51.16 0.51 0.00	37.27 0.44 0.00	33.67 0.53 0.00	32.35 0.29 0.00	30.45 0.18 0.00	30.48 0.24 0.00	29.95 0.12 0.00	31.97 -0.03 0.00	37.99 -0.31 0.00	51.91 -0.10 0.00	60.05 -0.18 0.00	58.18 -0.47 0.00	46.49 -0.23 0.00	42.55 -0.09 0.00	39.44 -0.08 0.00	36.14 -0.15 0.00
RUSSELL___4 23556	38.95 0.27 0.00	36.51 0.29 0.00	35.33 0.35 0.00	34.79 0.45 0.00	35.16 0.35 0.00	38.41 0.34 0.00	52.78 0.73 0.00	68.87 0.68 0.00	51.16 0.51 0.00	37.27 0.44 0.00	33.67 0.53 0.00	32.35 0.29 0.00	30.45 0.18 0.00	30.48 0.24 0.00	29.95 0.12 0.00	31.97 -0.03 0.00	37.99 -0.31 0.00	51.91 -0.10 0.00	60.05 -0.18 0.00	58.18 -0.47 0.00	46.49 -0.23 0.00	42.55 -0.09 0.00	39.44 -0.08 0.00	36.14 -0.15 0.00
RUSSELL___STATION 23914	38.95 0.27 0.00	36.51 0.29 0.00	35.33 0.35 0.00	34.79 0.45 0.00	35.16 0.35 0.00	38.41 0.34 0.00	52.78 0.73 0.00	68.87 0.68 0.00	51.16 0.51 0.00	37.27 0.44 0.00	33.67 0.53 0.00	32.35 0.29 0.00	30.45 0.18 0.00	30.48 0.24 0.00	29.95 0.12 0.00	31.97 -0.03 0.00	37.99 -0.31 0.00	51.91 -0.10 0.00	60.05 -0.18 0.00	58.18 -0.47 0.00	46.49 -0.23 0.00	42.55 -0.09 0.00	39.44 -0.08 0.00	36.14 -0.15 0.00
S SALMON___HYD 24043	38.64 -0.04 0.00	36.25 0.04 0.00	34.98 0.00 0.00	34.31 -0.03 0.00	34.89 0.07 0.00	38.30 0.23 0.00	52.62 0.57 0.00	68.80 0.61 0.00	50.96 0.31 0.00	36.72 -0.11 0.00	32.94 -0.20 0.00	31.80 -0.26 0.00	30.00 -0.27 0.00	29.91 -0.33 0.00	29.47 -0.36 0.00	31.66 -0.35 0.00	37.88 -0.42 0.00	51.81 -0.21 0.00	60.23 0.00 0.00	58.65 0.00 0.00	46.77 0.05 0.00	42.90 0.26 0.00	39.56 0.04 0.00	36.21 -0.07 0.00
S.PERRY__115KV_TB1 80734	39.88 1.20 0.00	37.41 1.20 0.00	36.24 1.26 0.00	35.79 1.44 0.00	36.17 1.36 0.00	39.59 1.52 0.00	54.70 2.65 0.00	71.39 3.20 0.00	52.53 1.87 0.00	37.82 0.99 0.00	34.03 0.89 0.00	32.54 0.48 0.00	30.76 0.48 0.00	30.69 0.45 0.00	30.19 0.36 0.00	32.29 0.29 0.00	38.53 0.23 0.00	53.11 1.09 0.00	61.98 1.75 0.00	60.06 1.41 0.00	47.94 1.21 0.00	43.83 1.19 0.00	40.59 1.07 0.00	37.19 0.91 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.72 0.04 0.00	36.43 0.22 0.00	35.26 0.28 0.00	34.97 0.62 0.00	35.06 0.24 0.00	37.99 -0.08 0.00	52.36 0.31 0.00	67.57 -0.61 0.00	50.40 -0.25 0.00	36.94 0.11 0.00	33.64 0.50 0.00	32.12 0.06 0.00	30.27 0.00 0.00	30.24 0.00 0.00	29.80 -0.03 0.00	31.62 -0.38 0.00	37.27 -1.03 0.00	50.30 -1.72 0.00	58.12 -2.11 0.00	55.95 -2.70 0.00	44.95 -1.78 0.00	41.36 -1.28 0.00	38.73 -0.79 0.00	35.78 -0.51 0.00

SAWYER___23_KV_LOAD 55526	38.72 0.04 0.00	36.43 0.22 0.00	35.26 0.28 0.00	34.97 0.62 0.00	35.06 0.24 0.00	37.99 -0.08 0.00	52.36 0.31 0.00	67.57 -0.61 0.00	50.40 -0.25 0.00	36.94 0.11 0.00	33.64 0.50 0.00	32.12 0.06 0.00	30.27 0.00 0.00	30.24 0.00 0.00	29.80 -0.03 0.00	31.62 -0.38 0.00	37.27 -1.03 0.00	50.30 -1.72 0.00	58.12 -2.11 0.00	55.95 -2.70 0.00	44.95 -1.78 0.00	41.36 -1.28 0.00	38.73 -0.79 0.00	35.78 -0.51 0.00
SELKIRK___I 23801	39.29 0.62 0.00	36.80 0.58 0.00	35.54 0.56 0.00	34.90 0.55 0.00	35.34 0.52 0.00	38.63 0.69 0.12	52.72 0.67 0.00	68.87 1.16 0.47	51.06 0.40 0.00	36.82 0.26 0.27	33.05 0.20 0.29	31.94 0.19 0.31	30.19 0.18 0.27	30.29 0.27 0.22	29.91 0.30 0.22	32.23 0.41 0.19	38.78 0.58 0.10	52.80 0.78 0.00	61.14 0.90 0.00	59.53 0.88 0.00	47.47 0.75 0.00	43.28 0.64 0.00	40.07 0.55 0.00	36.83 0.62 0.08
SELKIRK___II 23799	38.95 0.27 0.00	36.51 0.29 0.00	35.26 0.28 0.00	34.59 0.24 0.00	35.03 0.21 0.00	38.08 0.19 0.18	52.05 0.00 0.00	67.78 0.27 0.68	50.71 0.05 0.00	36.55 0.15 0.43	32.89 0.20 0.45	31.79 0.23 0.49	30.09 0.24 0.42	30.20 0.30 0.34	29.84 0.36 0.35	32.13 0.41 0.30	38.68 0.50 0.12	52.48 0.47 0.00	60.71 0.48 0.00	59.12 0.47 0.00	47.10 0.37 0.00	42.94 0.30 0.00	39.80 0.28 0.00	36.55 0.36 0.09
SENECA OSWGO___HYD 24041	38.10 -0.58 0.00	35.64 -0.58 0.00	34.42 -0.56 0.00	33.83 -0.51 0.00	34.29 -0.52 0.00	37.50 -0.57 0.00	51.37 -0.68 0.00	67.37 -0.82 0.00	50.00 -0.66 0.00	36.23 -0.59 0.00	32.64 -0.50 0.00	31.51 -0.55 0.00	29.76 -0.51 0.00	29.69 -0.54 0.00	29.26 -0.57 0.00	31.40 -0.61 0.00	37.57 -0.73 0.00	51.13 -0.88 0.00	59.27 -0.97 0.00	57.65 -1.00 0.00	45.98 -0.75 0.00	41.96 -0.68 0.00	38.89 -0.63 0.00	35.67 -0.62 0.00
SENECA___115KV_TB3 355854	39.10 0.43 0.00	36.54 0.33 0.00	35.37 0.39 0.00	35.07 0.72 0.00	35.51 0.70 0.00	38.30 0.23 0.00	52.83 0.78 0.00	68.32 0.14 0.00	51.22 0.56 0.00	37.12 0.29 0.00	33.84 0.70 0.00	32.31 0.26 0.00	30.48 0.21 0.00	30.48 0.24 0.00	29.98 0.15 0.00	31.78 -0.22 0.00	37.46 -0.84 0.00	50.61 -1.40 0.00	58.73 -1.50 0.00	56.42 -2.23 0.00	45.37 -1.36 0.00	41.74 -0.90 0.00	39.12 -0.40 0.00	35.99 -0.29 0.00
SENECA___ENERGY 23797	38.72 0.04 0.00	36.18 -0.04 0.00	34.98 0.00 0.00	34.45 0.10 0.00	34.92 0.10 0.00	38.18 0.11 0.00	52.46 0.41 0.00	68.73 0.54 0.00	50.91 0.25 0.00	36.83 0.00 0.00	33.21 0.07 0.00	31.96 -0.10 0.00	30.18 -0.09 0.00	30.12 -0.12 0.00	29.65 -0.18 0.00	31.75 -0.26 0.00	37.96 -0.35 0.00	51.76 -0.26 0.00	60.17 -0.06 0.00	58.36 -0.29 0.00	46.54 -0.19 0.00	42.47 -0.17 0.00	39.44 -0.08 0.00	36.18 -0.11 0.00
SHOEMAKER___GT 23640	40.18 1.51 0.00	37.52 1.30 0.00	36.17 1.19 0.00	35.48 1.13 0.00	35.86 1.04 0.00	39.57 1.10 -0.40	53.40 1.35 0.00	71.91 2.18 -1.55	51.92 1.27 0.00	39.26 1.10 -1.33	35.81 1.26 -1.41	34.80 1.22 -1.53	32.84 1.24 -1.32	32.64 1.33 -1.07	32.35 1.43 -1.09	34.44 1.50 -0.92	40.43 1.76 -0.37	53.99 1.98 0.00	62.46 2.23 0.00	60.88 2.23 0.00	48.41 1.68 0.00	44.13 1.49 0.00	40.98 1.46 0.00	37.99 1.41 -0.29
SHOEMAKR_138KV_BK 111 55601	40.23 1.55 0.00	37.49 1.27 0.00	36.13 1.15 0.00	35.45 1.10 0.00	35.86 1.04 0.00	39.57 1.10 -0.40	53.35 1.30 0.00	71.83 2.11 -1.53	51.97 1.32 0.00	39.24 1.10 -1.31	35.82 1.29 -1.39	34.79 1.22 -1.51	32.85 1.27 -1.31	32.66 1.36 -1.06	32.37 1.46 -1.07	34.42 1.50 -0.91	40.43 1.76 -0.36	53.94 1.92 0.00	62.46 2.23 0.00	60.82 2.17 0.00	48.36 1.64 0.00	44.09 1.45 0.00	40.98 1.46 0.00	37.95 1.38 -0.29
SHOREHAM_IC_1 23715	40.26 1.59 0.00	37.74 1.52 0.00	36.10 1.12 0.00	35.28 0.93 0.00	35.65 0.83 0.00	39.46 0.88 -0.51	49.22 1.31 15.70	50.99 -1.50 2.53	46.87 -1.26 -1.77	39.30 0.70 -1.88	36.41 1.39 -2.04	35.45 1.35 -1.77	33.41 1.36 -1.43	33.06 1.39 -1.46	33.02 1.73 -1.46	35.22 1.92 -1.30	40.17 1.38 -0.49	52.54 0.52 0.00	60.17 -0.06 0.00	58.65 0.00 0.00	46.87 0.14 0.00	43.11 0.47 0.00	40.31 0.79 0.00	38.48 1.81 -0.38
SHOREHAM_IC_2 23716	40.57 1.90 0.00	37.74 1.52 0.00	36.10 1.12 0.00	35.27 0.93 0.00	35.69 0.87 0.00	39.49 0.91 -0.51	49.23 1.31 15.70	50.99 -1.50 2.53	46.96 -1.17 -1.77	39.30 0.70 -1.88	36.41 1.39 -2.04	35.45 1.35 -1.77	33.41 1.36 -1.43	33.09 1.42 -1.46	33.02 1.73 -1.46	35.22 1.92 -1.30	40.05 1.26 -0.49	52.43 0.42 0.00	60.17 -0.06 0.00	58.59 -0.06 0.00	46.87 0.14 0.00	43.06 0.43 0.00	40.86 1.34 0.00	38.56 1.89 -0.38
SISSONVILLE____ 23735	39.53 0.85 0.00	37.20 0.98 0.00	35.89 0.91 0.00	35.21 0.86 0.00	35.86 1.04 0.00	39.48 1.41 0.00	54.03 1.98 0.00	70.30 2.11 0.00	52.02 1.37 0.00	37.75 0.92 0.00	33.67 0.53 0.00	32.63 0.58 0.00	30.67 0.39 0.00	30.51 0.27 0.00	30.04 0.21 0.00	32.33 0.32 0.00	38.84 0.54 0.00	53.11 1.09 0.00	61.32 1.08 0.00	60.00 1.35 0.00	47.99 1.26 0.00	44.09 1.45 0.00	40.59 1.07 0.00	37.19 0.91 0.00
SITHE_IND_GS1 24169	37.64 -1.04 0.00	35.20 -1.01 0.00	34.00 -0.98 0.00	33.42 -0.93 0.00	33.88 -0.94 0.00	37.04 -1.03 0.00	50.69 -1.35 0.00	66.41 -1.77 0.00	49.34 -1.32 0.00	35.79 -1.03 0.00	32.25 -0.89 0.00	31.16 -0.90 0.00	29.42 -0.85 0.00	29.39 -0.85 0.00	28.96 -0.87 0.00	31.05 -0.96 0.00	37.11 -1.19 0.00	50.46 -1.56 0.00	58.48 -1.75 0.00	56.89 -1.76 0.00	45.37 -1.36 0.00	41.40 -1.24 0.00	38.41 -1.11 0.00	35.23 -1.05 0.00
SITHE_IND_GS2 24170	37.64 -1.04 0.00	35.20 -1.01 0.00	34.00 -0.98 0.00	33.42 -0.93 0.00	33.88 -0.94 0.00	37.04 -1.03 0.00	50.69 -1.35 0.00	66.41 -1.77 0.00	49.34 -1.32 0.00	35.79 -1.03 0.00	32.25 -0.89 0.00	31.16 -0.90 0.00	29.42 -0.85 0.00	29.39 -0.85 0.00	28.96 -0.87 0.00	31.05 -0.96 0.00	37.11 -1.19 0.00	50.46 -1.56 0.00	58.48 -1.75 0.00	56.89 -1.76 0.00	45.37 -1.36 0.00	41.40 -1.24 0.00	38.41 -1.11 0.00	35.23 -1.05 0.00
SITHE_IND_GS3 24171	37.64 -1.04 0.00	35.20 -1.01 0.00	34.00 -0.98 0.00	33.42 -0.93 0.00	33.88 -0.94 0.00	37.04 -1.03 0.00	50.69 -1.35 0.00	66.41 -1.77 0.00	49.34 -1.32 0.00	35.79 -1.03 0.00	32.25 -0.89 0.00	31.16 -0.90 0.00	29.42 -0.85 0.00	29.39 -0.85 0.00	28.96 -0.87 0.00	31.05 -0.96 0.00	37.11 -1.19 0.00	50.46 -1.56 0.00	58.48 -1.75 0.00	56.89 -1.76 0.00	45.37 -1.36 0.00	41.40 -1.24 0.00	38.41 -1.11 0.00	35.23 -1.05 0.00
SITHE_IND_GS4 24172	37.64 -1.04 0.00	35.20 -1.01 0.00	34.00 -0.98 0.00	33.42 -0.93 0.00	33.88 -0.94 0.00	37.04 -1.03 0.00	50.69 -1.35 0.00	66.41 -1.77 0.00	49.34 -1.32 0.00	35.79 -1.03 0.00	32.25 -0.89 0.00	31.16 -0.90 0.00	29.42 -0.85 0.00	29.39 -0.85 0.00	28.96 -0.87 0.00	31.05 -0.96 0.00	37.11 -1.19 0.00	50.46 -1.56 0.00	58.48 -1.75 0.00	56.89 -1.76 0.00	45.37 -1.36 0.00	41.40 -1.24 0.00	38.41 -1.11 0.00	35.23 -1.05 0.00

SITHE___BATAVIA 24024	39.53 0.85 0.00	36.90 0.69 0.00	35.72 0.74 0.00	35.31 0.96 0.00	35.83 1.01 0.00	38.79 0.72 0.00	53.35 1.30 0.00	69.27 1.09 0.00	51.82 1.17 0.00	37.52 0.70 0.00	33.97 0.83 0.00	32.44 0.39 0.00	30.57 0.30 0.00	30.69 0.45 0.00	30.07 0.24 0.00	31.94 -0.06 0.00	37.73 -0.57 0.00	51.45 -0.57 0.00	59.63 -0.60 0.00	57.48 -1.17 0.00	46.17 -0.56 0.00	42.39 -0.25 0.00	39.56 0.04 0.00	36.25 -0.04 0.00
SITHE___INDEPEND 23800	37.59 -1.08 0.00	35.20 -1.01 0.00	34.00 -0.98 0.00	33.42 -0.93 0.00	33.88 -0.94 0.00	37.00 -1.07 0.00	50.69 -1.35 0.00	66.41 -1.77 0.00	49.29 -1.37 0.00	35.79 -1.03 0.00	32.24 -0.89 0.00	31.16 -0.90 0.00	29.42 -0.85 0.00	29.36 -0.88 0.00	28.97 -0.87 0.00	31.05 -0.96 0.00	37.15 -1.15 0.00	50.51 -1.51 0.00	58.48 -1.75 0.00	56.89 -1.76 0.00	45.37 -1.36 0.00	41.40 -1.24 0.00	38.37 -1.15 0.00	35.23 -1.05 0.00
SITHE___MASSENA 23902	39.14 0.47 0.00	36.76 0.54 0.00	35.51 0.53 0.00	34.86 0.52 0.00	35.34 0.52 0.00	38.83 0.76 0.00	53.19 1.14 0.00	69.27 1.09 0.00	51.52 0.86 0.00	37.45 0.63 0.00	33.47 0.33 0.00	32.47 0.42 0.00	30.54 0.27 0.00	30.45 0.21 0.00	30.01 0.18 0.00	32.23 0.23 0.00	38.68 0.38 0.00	52.69 0.67 0.00	61.07 0.84 0.00	59.65 1.00 0.00	47.47 0.75 0.00	43.32 0.68 0.00	40.07 0.55 0.00	36.79 0.51 0.00
SITHE___OGDNSBRG 24021	39.72 1.04 0.00	37.45 1.23 0.00	36.13 1.15 0.00	35.38 1.03 0.00	36.07 1.25 0.00	39.74 1.67 0.00	54.65 2.60 0.00	70.91 2.73 0.00	52.33 1.67 0.00	37.75 0.92 0.00	33.64 0.50 0.00	32.63 0.58 0.00	30.67 0.39 0.00	30.51 0.27 0.00	30.07 0.24 0.00	32.36 0.35 0.00	38.95 0.65 0.00	53.53 1.51 0.00	62.10 1.87 0.00	60.82 2.17 0.00	48.41 1.68 0.00	44.35 1.71 0.00	40.82 1.30 0.00	37.37 1.09 0.00
SITHE___STERLING 23777	39.49 0.81 0.00	37.09 0.87 0.00	35.79 0.81 0.00	35.07 0.72 0.00	35.69 0.87 0.00	39.21 1.14 0.00	53.98 1.93 0.00	70.63 2.45 0.00	52.13 1.47 0.00	37.49 0.66 0.00	33.67 0.53 0.00	32.51 0.45 0.00	30.66 0.39 0.00	30.57 0.33 0.00	30.13 0.30 0.00	32.36 0.35 0.00	38.84 0.54 0.00	53.21 1.20 0.00	61.86 1.63 0.00	60.29 1.64 0.00	47.99 1.26 0.00	43.83 1.19 0.00	40.43 0.91 0.00	37.05 0.76 0.00
SLEIGHT__34_KV_TB1 80719	38.33 -0.35 0.00	35.93 -0.29 0.00	34.74 -0.24 0.00	34.21 -0.14 0.00	34.61 -0.21 0.00	37.88 -0.19 0.00	52.10 0.05 0.00	68.18 0.00 0.00	50.56 -0.10 0.00	36.71 -0.11 0.00	33.07 -0.07 0.00	31.80 -0.26 0.00	30.00 -0.27 0.00	29.87 -0.36 0.00	29.38 -0.45 0.00	31.53 -0.48 0.00	37.61 -0.69 0.00	51.39 -0.62 0.00	59.51 -0.72 0.00	57.77 -0.88 0.00	46.12 -0.61 0.00	42.09 -0.55 0.00	39.01 -0.51 0.00	35.74 -0.54 0.00
SMITHTWN_69_KV_BK 1 55830	41.08 2.40 0.00	38.21 1.99 0.00	36.59 1.61 0.00	35.79 1.44 0.00	36.17 1.36 0.00	40.03 1.45 -0.51	49.13 -0.83 2.09	50.90 -0.61 16.67	47.23 -0.46 2.97	39.92 1.33 -1.77	37.00 1.99 -1.88	35.99 1.89 -2.04	33.95 1.91 -1.77	33.63 1.97 -1.43	33.53 2.24 -1.46	35.74 2.43 -1.30	40.51 1.72 -0.49	53.00 0.99 0.00	60.65 0.42 0.00	59.06 0.41 0.00	47.33 0.61 0.00	43.49 0.85 0.00	41.22 1.70 0.00	38.92 2.25 -0.38
SOUTH CAIRO___GT 23612	39.88 1.20 0.00	37.41 1.20 0.00	36.06 1.08 0.00	35.41 1.06 0.00	35.86 1.04 0.00	40.12 2.06 0.00	54.65 2.60 0.00	72.55 4.36 0.00	52.43 1.77 0.00	37.86 1.03 0.00	33.77 0.63 0.00	32.60 0.54 0.00	30.79 0.51 0.00	30.87 0.63 0.00	30.55 0.72 0.00	32.97 0.96 0.00	39.49 1.19 0.00	53.84 1.82 0.00	62.52 2.29 0.00	61.00 2.35 0.00	48.41 1.68 0.00	43.96 1.32 0.00	40.67 1.15 0.00	37.66 1.38 0.00
SOUTH HAMPTN___IC 23720	40.50 1.82 0.00	37.92 1.70 0.00	36.28 1.30 0.00	35.48 1.13 0.00	35.83 1.01 0.00	39.65 1.06 -0.51	49.52 -1.30 1.23	51.34 -1.23 15.62	47.11 -1.07 2.48	39.41 0.81 -1.77	36.51 1.49 -1.88	35.55 1.44 -2.04	33.50 1.45 -1.77	33.18 1.51 -1.43	33.14 1.85 -1.46	35.38 2.08 -1.29	40.40 1.61 -0.49	52.95 0.94 0.00	60.66 0.42 0.00	59.17 0.53 0.00	47.29 0.56 0.00	43.45 0.81 0.00	40.59 1.07 0.00	38.77 2.10 -0.38
SOUTHDOW_115KV_TB1 355954	39.61 0.93 0.00	37.23 1.01 0.00	36.06 1.08 0.00	35.79 1.44 0.00	35.93 1.11 0.00	39.21 1.14 0.00	54.70 2.65 0.00	70.91 2.73 0.00	52.48 1.82 0.00	38.15 1.33 0.00	34.80 1.66 0.00	33.21 1.15 0.00	31.30 1.03 0.00	31.24 1.00 0.00	30.78 0.95 0.00	32.58 0.58 0.00	38.57 0.27 0.00	52.38 0.36 0.00	60.89 0.66 0.00	58.53 -0.12 0.00	46.68 -0.05 0.00	42.90 0.26 0.00	39.95 0.43 0.00	36.69 0.40 0.00
SOUTHOLD_69_KV_BK 2 55809	40.65 1.97 0.00	37.77 1.56 0.00	36.13 1.15 0.00	35.34 1.00 0.00	35.76 0.94 0.00	39.61 1.03 -0.51	49.15 -1.67 1.23	50.93 -1.64 15.62	46.81 -1.37 2.48	39.04 0.44 -1.77	36.24 1.23 -1.88	35.26 1.15 -2.04	33.26 1.21 -1.77	32.94 1.27 -1.43	32.96 1.67 -1.46	35.19 1.89 -1.29	40.17 1.38 -0.49	52.85 0.83 0.00	60.77 0.54 0.00	59.35 0.70 0.00	47.47 0.75 0.00	43.58 0.94 0.00	41.18 1.66 0.00	38.92 2.25 -0.38
SOUTHOLD___IC 23719	40.38 1.70 0.00	37.77 1.56 0.00	36.13 1.15 0.00	35.34 1.00 0.00	35.72 0.90 0.00	39.53 0.95 -0.51	49.15 -1.67 1.23	50.93 -1.64 15.62	46.70 -1.47 2.48	39.04 0.44 -1.77	36.24 1.23 -1.88	35.25 1.15 -2.04	33.26 1.21 -1.77	32.91 1.24 -1.43	32.96 1.67 -1.46	35.19 1.89 -1.29	40.28 1.49 -0.49	52.95 0.94 0.00	60.77 0.54 0.00	59.41 0.76 0.00	47.47 0.75 0.00	43.58 0.94 0.00	40.62 1.10 0.00	38.85 2.18 -0.38
SOUTH_FORK_WT_PWR 323839	39.95 1.27 0.00	37.38 1.16 0.00	35.75 0.77 0.00	34.97 0.62 0.00	35.34 0.52 0.00	39.11 0.53 -0.51	48.37 -2.45 1.23	49.91 -2.66 15.62	45.95 -2.23 2.48	38.49 -0.11 -1.77	35.71 0.70 -1.88	34.78 0.67 -2.04	32.80 0.76 -1.77	32.45 0.78 -1.43	32.54 1.25 -1.46	34.77 1.47 -1.29	39.82 1.03 -0.49	52.38 0.37 0.00	60.17 -0.06 0.00	58.88 0.24 0.00	47.06 0.33 0.00	43.19 0.55 0.00	40.27 0.75 0.00	38.59 1.92 -0.38
SPIERFLS_115KV_TB 1 80737	39.53 0.85 0.00	37.05 0.83 0.00	35.82 0.84 0.00	35.14 0.79 0.00	35.65 0.84 0.00	38.65 0.88 0.30	53.25 1.20 0.00	68.81 1.77 1.15	51.47 0.81 0.00	36.35 0.22 0.70	32.40 0.00 0.74	31.19 -0.06 0.80	29.46 -0.12 0.69	29.65 -0.03 0.56	29.23 -0.03 0.57	31.62 0.10 0.48	38.45 0.34 0.19	53.21 1.20 0.00	61.98 1.75 0.00	60.17 1.52 0.00	47.99 1.26 0.00	43.66 1.02 0.00	40.35 0.83 0.00	36.86 0.73 0.15
ST LAWRENCE____ 23600	38.76 0.08 0.00	36.36 0.15 0.00	35.12 0.14 0.00	34.49 0.14 0.00	34.96 0.14 0.00	38.30 0.23 0.00	52.42 0.37 0.00	68.46 0.27 0.00	50.96 0.31 0.00	37.05 0.22 0.00	33.21 0.07 0.00	32.15 0.10 0.00	30.30 0.03 0.00	30.24 0.00 0.00	29.83 0.00 0.00	32.01 0.00 0.00	38.38 0.08 0.00	52.17 0.16 0.00	60.47 0.24 0.00	58.94 0.29 0.00	46.91 0.19 0.00	42.81 0.17 0.00	39.64 0.12 0.00	36.40 0.11 0.00

STATE_CA_115KV_115_LB 55624	38.95 0.27 0.00	36.51 0.29 0.00	35.26 0.28 0.00	34.55 0.21 0.00	35.02 0.21 0.00	37.97 0.19 0.29	52.00 -0.05 0.00	67.29 0.20 1.10	50.76 0.10 0.00	36.21 0.07 0.69	32.54 0.13 0.73	31.43 0.16 0.79	29.74 0.15 0.68	29.93 0.24 0.55	29.54 0.27 0.56	31.88 0.35 0.48	38.53 0.42 0.19	52.54 0.52 0.00	60.83 0.60 0.00	59.18 0.53 0.00	47.15 0.42 0.00	42.94 0.30 0.00	39.80 0.28 0.00	36.50 0.36 0.15
STATE_ST_34_KV_LOAD 55959	38.64 -0.04 0.00	36.18 -0.04 0.00	34.95 -0.03 0.00	34.38 0.03 0.00	34.82 0.00 0.00	38.14 0.08 0.00	52.46 0.42 0.00	68.73 0.55 0.00	50.86 0.20 0.00	36.83 0.00 0.00	33.14 0.00 0.00	31.96 -0.10 0.00	30.21 -0.06 0.00	30.09 -0.15 0.00	29.65 -0.18 0.00	31.81 -0.19 0.00	38.11 -0.19 0.00	52.02 0.00 0.00	60.47 0.24 0.00	58.71 0.06 0.00	46.82 0.09 0.00	42.68 0.04 0.00	39.52 0.00 0.00	36.25 -0.04 0.00
STATION_5_MISC_HYD 23604	38.91 0.23 0.00	36.40 0.18 0.00	35.19 0.21 0.00	34.69 0.34 0.00	35.20 0.38 0.00	38.30 0.23 0.00	52.57 0.52 0.00	68.60 0.41 0.00	51.16 0.51 0.00	37.12 0.29 0.00	33.54 0.40 0.00	32.22 0.16 0.00	30.36 0.09 0.00	30.39 0.15 0.00	29.83 0.00 0.00	31.85 -0.16 0.00	37.80 -0.50 0.00	51.60 -0.42 0.00	59.69 -0.54 0.00	57.83 -0.82 0.00	46.26 -0.47 0.00	42.34 -0.30 0.00	39.36 -0.16 0.00	36.03 -0.25 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.64 -0.04 0.00	36.22 0.00 0.00	35.01 0.03 0.00	34.48 0.14 0.00	34.89 0.07 0.00	38.18 0.11 0.00	52.46 0.42 0.00	68.66 0.48 0.00	50.86 0.20 0.00	36.94 0.11 0.00	33.30 0.17 0.00	32.03 -0.03 0.00	30.21 -0.06 0.00	30.15 -0.09 0.00	29.65 -0.18 0.00	31.75 -0.26 0.00	37.84 -0.46 0.00	51.70 -0.31 0.00	59.93 -0.30 0.00	58.12 -0.53 0.00	46.40 -0.33 0.00	42.34 -0.30 0.00	39.28 -0.24 0.00	36.03 -0.25 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.52 -0.15 0.00	36.11 -0.11 0.00	34.91 -0.07 0.00	34.42 0.07 0.00	34.78 -0.03 0.00	37.99 -0.08 0.00	52.15 0.10 0.00	68.12 -0.07 0.00	50.56 -0.10 0.00	36.86 0.04 0.00	33.27 0.13 0.00	31.96 -0.10 0.00	30.12 -0.15 0.00	30.12 -0.12 0.00	29.59 -0.24 0.00	31.65 -0.35 0.00	37.61 -0.69 0.00	51.34 -0.68 0.00	59.33 -0.90 0.00	57.54 -1.11 0.00	45.98 -0.75 0.00	42.09 -0.55 0.00	39.04 -0.47 0.00	35.78 -0.51 0.00
STA_56___34_KV_BUS2 355983	38.52 -0.15 0.00	36.11 -0.11 0.00	34.91 -0.07 0.00	34.42 0.07 0.00	34.78 -0.03 0.00	37.99 -0.08 0.00	52.15 0.10 0.00	68.12 -0.07 0.00	50.56 -0.10 0.00	36.86 0.04 0.00	33.27 0.13 0.00	31.96 -0.10 0.00	30.12 -0.15 0.00	30.12 -0.12 0.00	29.59 -0.24 0.00	31.65 -0.35 0.00	37.61 -0.69 0.00	51.34 -0.68 0.00	59.33 -0.90 0.00	57.54 -1.11 0.00	45.98 -0.75 0.00	42.09 -0.55 0.00	39.04 -0.47 0.00	35.78 -0.51 0.00
STA_67___115KV_BK2 355882	38.76 0.08 0.00	36.33 0.11 0.00	35.12 0.14 0.00	34.62 0.27 0.00	34.99 0.17 0.00	38.18 0.11 0.00	52.46 0.42 0.00	68.46 0.27 0.00	50.81 0.15 0.00	37.05 0.22 0.00	33.47 0.33 0.00	32.12 0.06 0.00	30.27 0.00 0.00	30.30 0.06 0.00	29.77 -0.06 0.00	31.81 -0.19 0.00	37.76 -0.54 0.00	51.50 -0.52 0.00	59.57 -0.66 0.00	57.71 -0.94 0.00	46.17 -0.56 0.00	42.26 -0.38 0.00	39.20 -0.32 0.00	35.96 -0.33 0.00
STA_7___115KV_9TRANS 80674	38.95 0.27 0.00	36.51 0.29 0.00	35.33 0.35 0.00	34.79 0.45 0.00	35.16 0.35 0.00	38.41 0.34 0.00	52.78 0.73 0.00	68.87 0.68 0.00	51.16 0.51 0.00	37.27 0.44 0.00	33.67 0.53 0.00	32.35 0.29 0.00	30.45 0.18 0.00	30.48 0.24 0.00	29.95 0.12 0.00	31.97 -0.03 0.00	37.99 -0.31 0.00	51.91 -0.10 0.00	60.05 -0.18 0.00	58.18 -0.47 0.00	46.49 -0.23 0.00	42.55 -0.09 0.00	39.44 -0.08 0.00	36.14 -0.15 0.00
STA_82___115KV_TB1 80780	38.76 0.08 0.00	36.33 0.11 0.00	35.15 0.17 0.00	34.62 0.27 0.00	34.99 0.17 0.00	38.22 0.15 0.00	52.46 0.42 0.00	68.46 0.27 0.00	50.86 0.20 0.00	37.05 0.22 0.00	33.47 0.33 0.00	32.15 0.10 0.00	30.30 0.03 0.00	30.30 0.06 0.00	29.77 -0.06 0.00	31.81 -0.19 0.00	37.80 -0.50 0.00	51.55 -0.47 0.00	59.57 -0.66 0.00	57.77 -0.88 0.00	46.17 -0.56 0.00	42.26 -0.38 0.00	39.24 -0.28 0.00	35.96 -0.33 0.00
STEEL___WIND 323596	39.06 0.39 0.00	36.51 0.29 0.00	35.33 0.35 0.00	35.07 0.72 0.00	35.48 0.66 0.00	38.30 0.23 0.00	52.78 0.73 0.00	68.25 0.07 0.00	51.16 0.51 0.00	37.08 0.26 0.00	33.80 0.66 0.00	32.28 0.23 0.00	30.45 0.18 0.00	30.45 0.21 0.00	29.95 0.12 0.00	31.75 -0.26 0.00	37.42 -0.88 0.00	50.56 -1.46 0.00	58.73 -1.50 0.00	56.36 -2.29 0.00	45.33 -1.40 0.00	41.70 -0.94 0.00	39.09 -0.43 0.00	35.96 -0.33 0.00
STEPHTWN_115KV_BK_2 55603	39.14 0.46 0.00	36.69 0.47 0.00	35.40 0.42 0.00	34.73 0.38 0.00	35.20 0.38 0.00	38.18 0.38 0.27	52.31 0.26 0.00	67.83 0.68 1.04	51.01 0.35 0.00	36.44 0.26 0.65	32.69 0.23 0.68	31.57 0.26 0.74	29.87 0.24 0.64	30.05 0.33 0.52	29.66 0.36 0.53	32.01 0.45 0.45	38.70 0.57 0.18	52.85 0.83 0.00	61.26 1.02 0.00	59.59 0.94 0.00	47.47 0.75 0.00	43.24 0.60 0.00	40.03 0.51 0.00	36.73 0.58 0.14
STEUBEN_REC_LFGE 323667	38.95 0.27 0.00	36.62 0.40 0.00	35.50 0.52 0.00	35.21 0.86 0.00	35.62 0.80 0.00	38.90 0.84 0.00	53.87 1.82 0.00	70.09 1.91 0.00	51.77 1.11 0.00	37.38 0.55 0.00	33.80 0.66 0.00	32.31 0.26 0.00	30.57 0.30 0.00	30.45 0.21 0.00	30.01 0.18 0.00	31.97 -0.03 0.00	38.11 -0.19 0.00	52.17 0.16 0.00	60.95 0.72 0.00	58.83 0.18 0.00	47.05 0.33 0.00	42.98 0.34 0.00	39.99 0.47 0.00	36.79 0.51 0.00
STILLWATER___SOLAR 323814	39.80 1.12 0.00	37.27 1.05 0.00	36.00 1.02 0.00	35.31 0.96 0.00	35.79 0.97 0.00	38.80 1.06 0.33	53.45 1.41 0.00	68.95 2.04 1.27	51.77 1.11 0.00	36.65 0.59 0.77	32.73 0.40 0.81	31.53 0.35 0.88	29.81 0.30 0.76	30.01 0.39 0.62	29.62 0.42 0.63	32.02 0.54 0.53	38.97 0.88 0.21	53.63 1.61 0.00	62.34 2.11 0.00	60.58 1.93 0.00	48.27 1.54 0.00	43.96 1.32 0.00	40.67 1.15 0.00	37.17 1.05 0.17
STONY___BROOK 24151	40.73 2.05 0.00	38.17 1.95 0.00	36.56 1.58 0.00	35.72 1.38 0.00	36.10 1.29 0.00	39.91 1.33 -0.51	49.46 -0.94 1.65	51.33 -0.75 16.11	47.33 -0.61 2.72	39.85 1.25 -1.77	36.94 1.92 -1.88	35.96 1.86 -2.04	33.89 1.85 -1.77	33.57 1.91 -1.43	33.46 2.18 -1.46	35.67 2.37 -1.30	40.59 1.80 -0.49	53.06 1.04 0.00	60.41 0.18 0.00	58.82 0.18 0.00	47.24 0.51 0.00	43.49 0.85 0.00	40.70 1.18 0.00	38.85 2.18 -0.38
STURGEON_POOL_HYD 23609	40.26 1.59 0.00	37.56 1.34 0.00	36.17 1.19 0.00	35.45 1.10 0.00	35.86 1.04 0.00	39.58 1.22 -0.29	53.19 1.15 0.00	71.57 2.25 -1.14	51.92 1.27 0.00	39.25 1.29 -1.14	35.74 1.39 -1.20	34.74 1.38 -1.31	32.80 1.39 -1.13	32.67 1.51 -0.92	32.43 1.67 -0.93	34.53 1.73 -0.79	40.64 2.03 -0.31	53.99 1.98 0.00	62.28 2.05 0.00	60.76 2.11 0.00	48.32 1.59 0.00	44.05 1.41 0.00	40.98 1.46 0.00	38.05 1.52 -0.24

ST_LAW_115_BK7_LBMP 345037	38.76 0.08 0.00	36.36 0.15 0.00	35.12 0.14 0.00	34.49 0.14 0.00	34.96 0.14 0.00	38.34 0.27 0.00	52.46 0.41 0.00	68.46 0.27 0.00	50.96 0.31 0.00	37.08 0.26 0.00	33.21 0.07 0.00	32.19 0.13 0.00	30.30 0.03 0.00	30.24 0.00 0.00	29.80 -0.03 0.00	32.01 0.00 0.00	38.38 0.08 0.00	52.23 0.21 0.00	60.47 0.24 0.00	59.00 0.35 0.00	46.91 0.19 0.00	42.81 0.17 0.00	39.64 0.12 0.00	36.40 0.11 0.00
ST_LAW_115_BK8_LBMP 345038	38.76 0.08 0.00	36.36 0.15 0.00	35.12 0.14 0.00	34.49 0.14 0.00	34.96 0.14 0.00	38.34 0.27 0.00	52.46 0.41 0.00	68.46 0.27 0.00	50.96 0.31 0.00	37.08 0.26 0.00	33.21 0.07 0.00	32.19 0.13 0.00	30.30 0.03 0.00	30.24 0.00 0.00	29.80 -0.03 0.00	32.01 0.00 0.00	38.38 0.08 0.00	52.23 0.21 0.00	60.47 0.24 0.00	59.00 0.35 0.00	46.91 0.19 0.00	42.81 0.17 0.00	39.64 0.12 0.00	36.40 0.11 0.00
ST_LAW_230_BK5_LBMP 345035	38.76 0.08 0.00	36.36 0.15 0.00	35.12 0.14 0.00	34.49 0.14 0.00	34.96 0.14 0.00	38.30 0.23 0.00	52.42 0.37 0.00	68.46 0.27 0.00	50.96 0.31 0.00	37.05 0.22 0.00	33.21 0.07 0.00	32.15 0.10 0.00	30.30 0.03 0.00	30.24 0.00 0.00	29.83 0.00 0.00	32.01 0.00 0.00	38.38 0.08 0.00	52.17 0.16 0.00	60.47 0.24 0.00	58.94 0.29 0.00	46.91 0.19 0.00	42.81 0.17 0.00	39.64 0.12 0.00	36.40 0.11 0.00
ST_LAW_230_BK6_LBMP 345036	38.76 0.08 0.00	36.36 0.15 0.00	35.12 0.14 0.00	34.49 0.14 0.00	34.96 0.14 0.00	38.30 0.23 0.00	52.42 0.37 0.00	68.46 0.27 0.00	50.96 0.31 0.00	37.05 0.22 0.00	33.21 0.07 0.00	32.15 0.10 0.00	30.30 0.03 0.00	30.24 0.00 0.00	29.83 0.00 0.00	32.01 0.00 0.00	38.38 0.08 0.00	52.17 0.16 0.00	60.47 0.24 0.00	58.94 0.29 0.00	46.91 0.19 0.00	42.81 0.17 0.00	39.64 0.12 0.00	36.40 0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.30 1.62 0.00	37.56 1.34 0.00	36.20 1.22 0.00	35.52 1.17 0.00	35.89 1.08 0.00	39.63 1.14 -0.42	53.35 1.30 0.00	71.98 2.18 -1.61	52.02 1.37 0.00	39.42 1.22 -1.38	36.03 1.42 -1.46	35.03 1.38 -1.59	33.04 1.39 -1.38	32.86 1.51 -1.12	32.60 1.64 -1.13	34.66 1.70 -0.96	40.64 1.95 -0.38	54.10 2.08 0.00	62.58 2.35 0.00	60.94 2.29 0.00	48.46 1.73 0.00	44.17 1.54 0.00	41.10 1.58 0.00	38.07 1.49 -0.30
SWANROAD_115KV_TB1 355699	38.21 -0.46 0.00	35.89 -0.33 0.00	34.70 -0.28 0.00	34.42 0.07 0.00	34.54 -0.28 0.00	37.42 -0.65 0.00	51.48 -0.57 0.00	66.34 -1.84 0.00	49.54 -1.11 0.00	36.35 -0.48 0.00	33.11 -0.03 0.00	31.58 -0.48 0.00	29.76 -0.51 0.00	29.72 -0.51 0.00	29.32 -0.51 0.00	31.08 -0.93 0.00	36.62 -1.69 0.00	49.36 -2.65 0.00	56.92 -3.31 0.00	54.84 -3.81 0.00	44.16 -2.57 0.00	40.64 -2.00 0.00	38.10 -1.42 0.00	35.16 -1.12 0.00
SYNERGY___BIOGAS 323694	39.34 0.66 0.00	36.91 0.69 0.00	35.71 0.73 0.00	35.31 0.96 0.00	35.55 0.73 0.00	38.71 0.65 0.00	53.35 1.30 0.00	69.27 1.09 0.00	51.42 0.76 0.00	37.52 0.70 0.00	33.97 0.83 0.00	32.44 0.38 0.00	30.54 0.27 0.00	30.60 0.36 0.00	30.07 0.24 0.00	31.94 -0.06 0.00	37.80 -0.50 0.00	51.55 -0.47 0.00	59.63 -0.60 0.00	57.59 -1.06 0.00	46.17 -0.56 0.00	42.38 -0.26 0.00	39.44 -0.08 0.00	36.25 -0.04 0.00
SYRACUSE___ENERGY_ST1 323597	38.45 -0.23 0.00	36.00 -0.22 0.00	34.74 -0.24 0.00	34.18 -0.17 0.00	34.64 -0.17 0.00	37.88 -0.19 0.00	51.94 -0.10 0.00	68.12 -0.07 0.00	50.51 -0.15 0.00	36.60 -0.22 0.00	32.97 -0.17 0.00	31.83 -0.22 0.00	30.09 -0.18 0.00	29.97 -0.27 0.00	29.56 -0.27 0.00	31.69 -0.32 0.00	37.92 -0.38 0.00	51.65 -0.36 0.00	59.93 -0.30 0.00	58.24 -0.41 0.00	46.45 -0.28 0.00	42.38 -0.26 0.00	39.24 -0.28 0.00	36.03 -0.25 0.00
SYRACUSE___ENERGY_ST2 323598	38.45 -0.23 0.00	36.00 -0.22 0.00	34.74 -0.24 0.00	34.18 -0.17 0.00	34.64 -0.17 0.00	37.88 -0.19 0.00	51.94 -0.10 0.00	68.12 -0.07 0.00	50.51 -0.15 0.00	36.60 -0.22 0.00	32.97 -0.17 0.00	31.83 -0.22 0.00	30.09 -0.18 0.00	29.97 -0.27 0.00	29.56 -0.27 0.00	31.69 -0.32 0.00	37.92 -0.38 0.00	51.65 -0.36 0.00	59.93 -0.30 0.00	58.24 -0.41 0.00	46.45 -0.28 0.00	42.38 -0.26 0.00	39.24 -0.28 0.00	36.03 -0.25 0.00
SYRACUSE___POWER 24017	38.37 -0.31 0.00	35.93 -0.29 0.00	34.70 -0.28 0.00	34.11 -0.24 0.00	34.57 -0.24 0.00	37.76 -0.30 0.00	51.84 -0.21 0.00	67.98 -0.20 0.00	50.35 -0.30 0.00	36.57 -0.26 0.00	32.94 -0.20 0.00	31.77 -0.29 0.00	30.03 -0.24 0.00	29.94 -0.30 0.00	29.53 -0.30 0.00	31.65 -0.35 0.00	37.88 -0.42 0.00	51.55 -0.47 0.00	59.81 -0.42 0.00	58.12 -0.53 0.00	46.35 -0.37 0.00	42.30 -0.34 0.00	39.20 -0.32 0.00	35.96 -0.33 0.00
TALLMAN__138KV_BK151 55660	40.38 1.70 0.00	37.63 1.41 0.00	36.24 1.26 0.00	35.55 1.20 0.00	35.93 1.11 0.00	39.69 1.18 -0.44	53.30 1.25 0.00	72.07 2.18 -1.70	52.08 1.42 0.00	39.56 1.29 -1.45	36.23 1.56 -1.53	35.23 1.51 -1.66	33.26 1.54 -1.44	33.04 1.63 -1.17	32.77 1.76 -1.18	34.84 1.82 -1.00	40.77 2.07 -0.40	54.15 2.13 0.00	62.64 2.41 0.00	61.00 2.35 0.00	48.50 1.78 0.00	44.22 1.58 0.00	41.18 1.66 0.00	38.16 1.56 -0.31
TEALLAVE_115KV_TB7 355573	38.25 -0.43 0.00	35.82 -0.40 0.00	34.60 -0.38 0.00	34.04 -0.31 0.00	34.47 -0.35 0.00	37.65 -0.42 0.00	51.68 -0.36 0.00	67.71 -0.48 0.00	50.20 -0.46 0.00	36.46 -0.37 0.00	32.87 -0.27 0.00	31.71 -0.35 0.00	29.97 -0.30 0.00	29.90 -0.33 0.00	29.47 -0.36 0.00	31.59 -0.42 0.00	37.80 -0.50 0.00	51.34 -0.68 0.00	59.57 -0.66 0.00	57.89 -0.76 0.00	46.17 -0.56 0.00	42.17 -0.47 0.00	39.08 -0.43 0.00	35.85 -0.44 0.00
TELGRAPH_34_KV_EAST 80808	38.87 0.19 0.00	36.51 0.29 0.00	35.33 0.35 0.00	34.97 0.62 0.00	35.13 0.31 0.00	38.18 0.11 0.00	52.57 0.52 0.00	68.05 -0.14 0.00	50.66 0.00 0.00	37.05 0.22 0.00	33.67 0.53 0.00	32.15 0.10 0.00	30.27 0.00 0.00	30.30 0.06 0.00	29.80 -0.03 0.00	31.65 -0.35 0.00	37.34 -0.96 0.00	50.66 -1.35 0.00	58.54 -1.69 0.00	56.42 -2.23 0.00	45.33 -1.40 0.00	41.66 -0.98 0.00	38.89 -0.63 0.00	35.81 -0.47 0.00
TEMPLE___115KV_TB 2 55572	38.29 -0.39 0.00	35.86 -0.36 0.00	34.60 -0.38 0.00	34.04 -0.31 0.00	34.47 -0.35 0.00	37.65 -0.42 0.00	51.68 -0.36 0.00	67.71 -0.48 0.00	50.25 -0.41 0.00	36.49 -0.33 0.00	32.87 -0.27 0.00	31.74 -0.32 0.00	30.00 -0.27 0.00	29.90 -0.33 0.00	29.47 -0.36 0.00	31.62 -0.38 0.00	37.80 -0.50 0.00	51.39 -0.62 0.00	59.57 -0.66 0.00	57.89 -0.76 0.00	46.21 -0.51 0.00	42.17 -0.47 0.00	39.08 -0.43 0.00	35.85 -0.44 0.00
TIANA____69_KV_BK 1 55817	40.84 2.17 0.00	37.96 1.74 0.00	36.31 1.33 0.00	35.52 1.17 0.00	35.93 1.11 0.00	39.76 1.18 -0.51	49.62 -1.20 1.23	51.54 -1.02 15.62	47.31 -0.86 2.48	39.48 0.88 -1.77	36.60 1.59 -1.88	35.64 1.54 -2.04	33.59 1.54 -1.77	33.27 1.60 -1.43	33.20 1.91 -1.46	35.41 2.11 -1.29	40.32 1.53 -0.49	52.90 0.88 0.00	60.71 0.48 0.00	59.18 0.53 0.00	47.29 0.56 0.00	43.45 0.81 0.00	41.18 1.66 0.00	38.81 2.14 -0.38

TILDEN___115KV_TB1 80814	38.37 -0.31 0.00	35.93 -0.29 0.00	34.70 -0.28 0.00	34.11 -0.24 0.00	34.57 -0.24 0.00	37.76 -0.30 0.00	51.84 -0.21 0.00	67.98 -0.20 0.00	50.35 -0.30 0.00	36.57 -0.26 0.00	32.94 -0.20 0.00	31.77 -0.29 0.00	30.03 -0.24 0.00	29.94 -0.30 0.00	29.53 -0.30 0.00	31.65 -0.35 0.00	37.88 -0.42 0.00	51.55 -0.47 0.00	59.81 -0.42 0.00	58.12 -0.53 0.00	46.35 -0.37 0.00	42.30 -0.34 0.00	39.20 -0.32 0.00	35.96 -0.33 0.00
TRIGEN___CC 323695	41.11 2.44 0.00	38.28 2.06 0.00	36.73 1.75 0.00	35.96 1.61 0.00	36.35 1.53 0.00	40.18 1.60 -0.51	52.10 0.42 0.36	67.06 1.09 2.22	50.74 0.71 0.63	40.22 1.62 -1.77	37.17 2.12 -1.88	36.23 2.09 -2.05	34.14 2.18 -1.78	33.84 2.18 -1.43	33.61 2.30 -1.48	36.09 2.40 -1.69	40.94 2.14 -0.49	53.89 1.87 0.00	62.04 1.81 0.00	60.41 1.76 0.00	48.13 1.40 0.00	44.05 1.41 0.00	41.34 1.82 0.00	38.85 2.18 -0.38
TRINITY___115KV___4 BK 55933	38.87 0.19 0.00	36.43 0.22 0.00	35.15 0.17 0.00	34.48 0.14 0.00	34.92 0.10 0.00	37.87 0.08 0.27	51.84 -0.21 0.00	67.14 0.00 1.04	50.61 -0.05 0.00	36.21 0.04 0.65	32.55 0.10 0.69	31.41 0.10 0.75	29.74 0.12 0.65	29.92 0.21 0.53	29.54 0.24 0.53	31.87 0.32 0.45	38.51 0.38 0.18	52.38 0.36 0.00	60.65 0.42 0.00	59.06 0.41 0.00	47.05 0.33 0.00	42.85 0.21 0.00	39.72 0.20 0.00	36.44 0.29 0.14
UNION___PROCESSING_DRP 323587	38.76 0.08 0.00	36.36 0.14 0.00	35.15 0.17 0.00	34.62 0.27 0.00	34.99 0.17 0.00	38.22 0.15 0.00	52.46 0.42 0.00	68.46 0.27 0.00	50.86 0.20 0.00	37.08 0.26 0.00	33.47 0.33 0.00	32.15 0.10 0.00	30.30 0.03 0.00	30.30 0.06 0.00	29.80 -0.03 0.00	31.81 -0.19 0.00	37.80 -0.50 0.00	51.55 -0.47 0.00	59.63 -0.60 0.00	57.77 -0.88 0.00	46.21 -0.51 0.00	42.26 -0.38 0.00	39.24 -0.28 0.00	36.00 -0.29 0.00
UPPER HUDSON___HYD 24058	39.49 0.81 0.00	37.05 0.83 0.00	35.82 0.84 0.00	35.14 0.79 0.00	35.65 0.83 0.00	38.61 0.84 0.30	53.25 1.20 0.00	68.81 1.77 1.15	51.42 0.76 0.00	36.35 0.22 0.70	32.40 0.00 0.74	31.19 -0.06 0.80	29.43 -0.15 0.69	29.62 -0.06 0.56	29.23 -0.03 0.57	31.62 0.10 0.48	38.45 0.34 0.19	53.21 1.20 0.00	61.98 1.75 0.00	60.17 1.52 0.00	47.99 1.26 0.00	43.66 1.02 0.00	40.35 0.83 0.00	36.86 0.73 0.15
UPPER RAQUET___HYD 24056	39.53 0.85 0.00	37.20 0.98 0.00	35.89 0.91 0.00	35.21 0.86 0.00	35.76 0.94 0.00	39.48 1.41 0.00	54.03 1.98 0.00	70.30 2.12 0.00	51.97 1.31 0.00	37.75 0.92 0.00	33.67 0.53 0.00	32.64 0.58 0.00	30.66 0.39 0.00	30.51 0.27 0.00	30.04 0.21 0.00	32.33 0.32 0.00	38.84 0.54 0.00	53.11 1.09 0.00	61.32 1.09 0.00	60.00 1.35 0.00	47.99 1.26 0.00	44.04 1.41 0.00	40.59 1.07 0.00	37.19 0.91 0.00
VALLEY44_115KV_TB2 355964	38.21 -0.46 0.00	35.82 -0.40 0.00	34.77 -0.21 0.00	34.45 0.10 0.00	34.61 -0.21 0.00	37.65 -0.42 0.00	52.36 0.31 0.00	67.84 -0.34 0.00	50.05 -0.61 0.00	36.42 -0.41 0.00	33.30 0.17 0.00	31.80 -0.26 0.00	30.03 -0.24 0.00	29.97 -0.27 0.00	29.53 -0.30 0.00	31.24 -0.77 0.00	36.96 -1.34 0.00	50.14 -1.87 0.00	58.54 -1.69 0.00	56.25 -2.40 0.00	44.90 -1.82 0.00	41.19 -1.45 0.00	38.45 -1.07 0.00	35.56 -0.73 0.00
VALLEY___115KV_TB 1-4 80826	39.92 1.24 0.00	37.41 1.20 0.00	36.13 1.15 0.00	35.45 1.10 0.00	35.96 1.15 0.00	39.44 1.37 0.00	54.03 1.98 0.00	70.71 2.52 0.00	52.38 1.72 0.00	38.00 1.18 0.00	34.27 1.13 0.00	33.15 1.09 0.00	31.27 1.00 0.00	31.20 0.97 0.00	30.75 0.92 0.00	33.00 0.99 0.00	39.53 1.23 0.00	53.73 1.72 0.00	62.22 1.99 0.00	60.64 1.99 0.00	48.32 1.59 0.00	44.22 1.58 0.00	40.98 1.46 0.00	37.63 1.34 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.95 1.28 0.00	37.49 1.27 0.00	36.20 1.22 0.00	35.45 1.10 0.00	36.00 1.18 0.00	39.48 1.41 0.00	54.23 2.19 0.00	71.05 2.86 0.00	52.53 1.87 0.00	38.07 1.03 -0.22	34.36 0.99 -0.23	33.27 0.96 -0.25	31.40 0.91 -0.22	31.29 0.88 -0.17	30.84 0.84 -0.18	33.08 0.93 -0.15	39.51 1.15 -0.06	53.94 1.92 0.00	62.46 2.23 0.00	60.94 2.29 0.00	48.60 1.87 0.00	44.39 1.75 0.00	40.98 1.46 0.00	37.60 1.27 -0.05
VISCHER___FERRY HYD 24020	39.49 0.81 0.00	36.94 0.72 0.00	35.64 0.66 0.00	34.93 0.58 0.00	35.41 0.59 0.00	38.35 0.69 0.41	52.83 0.78 0.00	67.84 1.23 1.57	51.37 0.71 0.00	36.40 0.52 1.00	32.64 0.50 1.00	31.46 0.48 1.08	29.81 0.48 0.94	30.02 0.54 0.76	29.66 0.60 0.77	32.05 0.70 0.66	39.00 0.96 0.26	53.32 1.30 0.00	61.86 1.63 0.00	60.17 1.52 0.00	47.90 1.17 0.00	43.62 0.98 0.00	40.43 0.91 0.00	36.92 0.84 0.20
V_A_10_SYNC_DSASP 323832	38.60 -0.08 0.00	36.29 0.07 0.00	35.12 0.14 0.00	34.79 0.45 0.00	34.95 0.14 0.00	37.88 -0.19 0.00	52.05 0.00 0.00	67.30 -0.89 0.00	50.20 -0.46 0.00	36.79 -0.04 0.00	33.47 0.33 0.00	31.99 -0.06 0.00	30.18 -0.09 0.00	30.12 -0.12 0.00	29.68 -0.15 0.00	31.53 -0.48 0.00	37.23 -1.07 0.00	50.25 -1.77 0.00	58.00 -2.23 0.00	55.95 -2.70 0.00	45.00 -1.73 0.00	41.32 -1.32 0.00	38.65 -0.87 0.00	35.67 -0.62 0.00
V_CMM_10_SYNC_DSASP 323787	38.95 0.27 0.00	36.54 0.33 0.00	35.29 0.31 0.00	34.66 0.31 0.00	35.20 0.38 0.00	38.56 0.49 0.00	52.78 0.73 0.00	68.87 0.68 0.00	51.21 0.56 0.00	37.23 0.41 0.00	33.34 0.20 0.00	32.31 0.26 0.00	30.42 0.15 0.00	30.33 0.09 0.00	29.92 0.09 0.00	32.13 0.13 0.00	38.53 0.23 0.00	52.43 0.42 0.00	60.77 0.54 0.00	59.30 0.65 0.00	47.15 0.42 0.00	43.07 0.43 0.00	39.84 0.32 0.00	36.58 0.29 0.00
V_CMP_10_SYNC_DSASP 323788	39.37 0.70 0.00	37.01 0.80 0.00	35.72 0.74 0.00	35.10 0.75 0.00	35.58 0.76 0.00	39.13 1.06 0.00	53.25 1.20 0.00	69.34 1.16 0.00	51.57 0.91 0.00	37.82 0.99 0.00	33.80 0.66 0.00	32.83 0.77 0.00	30.82 0.55 0.00	30.66 0.42 0.00	30.19 0.36 0.00	32.45 0.45 0.00	38.99 0.69 0.00	52.80 0.78 0.00	61.32 1.09 0.00	59.82 1.17 0.00	47.47 0.75 0.00	43.41 0.77 0.00	40.39 0.87 0.00	37.08 0.80 0.00
V_D_10_SYNC_DSASP 323841	39.14 0.47 0.00	36.76 0.54 0.00	35.51 0.53 0.00	34.86 0.52 0.00	35.34 0.52 0.00	38.83 0.76 0.00	53.19 1.14 0.00	69.27 1.09 0.00	51.52 0.86 0.00	37.41 0.59 0.00	33.47 0.33 0.00	32.47 0.42 0.00	30.54 0.27 0.00	30.45 0.21 0.00	30.01 0.18 0.00	32.23 0.23 0.00	38.68 0.38 0.00	52.69 0.67 0.00	61.07 0.84 0.00	59.65 1.00 0.00	47.43 0.70 0.00	43.32 0.68 0.00	40.07 0.55 0.00	36.79 0.51 0.00
V_E_10_SYNC_DSASP 323830	40.61 1.93 0.00	38.28 2.06 0.00	36.94 1.96 0.00	36.10 1.75 0.00	36.94 2.12 0.00	40.92 2.86 0.00	56.94 4.89 0.00	74.32 6.14 0.00	54.46 3.80 0.00	38.61 1.62 -0.17	34.54 1.23 -0.18	33.21 0.96 -0.19	31.22 0.79 -0.17	30.98 0.60 -0.14	30.51 0.54 -0.14	32.89 0.77 -0.12	39.61 1.26 -0.05	55.24 3.23 0.00	64.57 4.34 0.00	62.93 4.28 0.00	50.23 3.51 0.00	45.84 3.20 0.00	42.13 2.61 0.00	38.50 2.18 -0.04



V_F_30_NSYNC___DSASP 323816	39.84 1.16 0.00	37.30 1.09 0.00	36.03 1.05 0.00	35.38 1.03 0.00	35.86 1.04 0.00	38.89 1.14 0.32	53.56 1.51 0.00	69.15 2.18 1.22	51.87 1.21 0.00	36.72 0.63 0.74	32.82 0.46 0.78	31.63 0.42 0.84	29.90 0.36 0.73	30.07 0.42 0.59	29.68 0.45 0.60	32.10 0.61 0.51	39.02 0.92 0.20	53.68 1.66 0.00	62.40 2.17 0.00	60.65 2.00 0.00	48.32 1.59 0.00	44.00 1.36 0.00	40.70 1.18 0.00	37.21 1.09 0.16
V_F_30_SYNC_DSASP 323786	38.95 0.27 0.00	36.51 0.29 0.00	35.26 0.28 0.00	34.55 0.21 0.00	35.02 0.21 0.00	37.97 0.19 0.28	52.00 -0.05 0.00	67.29 0.20 1.10	50.76 0.10 0.00	36.21 0.07 0.68	32.55 0.13 0.72	31.43 0.16 0.79	29.74 0.15 0.68	29.93 0.24 0.55	29.54 0.27 0.56	31.88 0.35 0.48	38.54 0.42 0.19	52.54 0.52 0.00	60.83 0.60 0.00	59.18 0.53 0.00	47.15 0.42 0.00	42.94 0.30 0.00	39.80 0.28 0.00	36.50 0.36 0.15
V_XM_10_SYNC_DSASP 323789	39.37 0.70 0.00	37.01 0.80 0.00	35.72 0.74 0.00	35.10 0.75 0.00	35.58 0.76 0.00	39.13 1.06 0.00	53.25 1.20 0.00	69.34 1.16 0.00	51.57 0.91 0.00	37.82 0.99 0.00	33.80 0.66 0.00	32.83 0.77 0.00	30.82 0.55 0.00	30.66 0.42 0.00	30.19 0.36 0.00	32.45 0.45 0.00	38.99 0.69 0.00	52.80 0.78 0.00	61.32 1.09 0.00	59.82 1.17 0.00	47.47 0.75 0.00	43.41 0.77 0.00	40.39 0.87 0.00	37.08 0.80 0.00
W.BABYLN_69_KV_BK1 56697	41.50 2.82 0.00	38.64 2.43 0.00	36.97 1.99 0.00	36.17 1.82 0.00	36.56 1.74 0.00	40.45 1.87 -0.51	50.75 0.31 1.61	55.43 0.89 13.64	48.74 0.51 2.43	40.33 1.73 -1.77	37.37 2.35 -1.88	36.38 2.28 -2.05	34.29 2.24 -1.77	33.96 2.30 -1.43	33.83 2.54 -1.46	36.02 2.62 -1.39	40.93 2.14 -0.49	53.73 1.72 0.00	61.80 1.57 0.00	60.17 1.52 0.00	48.03 1.31 0.00	44.00 1.36 0.00	41.61 2.09 0.00	39.25 2.58 -0.38
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.53 1.86 0.00	37.77 1.56 0.00	36.34 1.36 0.00	35.65 1.31 0.00	36.07 1.25 0.00	39.81 1.29 -0.45	53.61 1.56 0.00	72.50 2.59 -1.72	52.38 1.72 0.00	39.79 1.51 -1.46	36.37 1.69 -1.54	35.37 1.63 -1.67	33.39 1.66 -1.45	33.20 1.78 -1.17	32.93 1.91 -1.19	35.00 1.98 -1.01	41.00 2.30 -0.40	54.46 2.44 0.00	63.00 2.77 0.00	61.29 2.64 0.00	48.74 2.01 0.00	44.39 1.75 0.00	41.30 1.78 0.00	38.31 1.71 -0.32
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.73 2.05 0.00	37.96 1.74 0.00	36.48 1.50 0.00	35.79 1.44 0.00	36.17 1.36 0.00	40.02 1.45 -0.51	53.56 1.51 0.00	72.75 2.59 -1.97	52.53 1.87 0.00	40.35 1.77 -1.76	36.95 1.96 -1.86	35.97 1.89 -2.02	33.93 1.91 -1.75	33.68 2.03 -1.42	33.41 2.15 -1.43	35.50 2.27 -1.22	41.35 2.57 -0.49	54.57 2.55 0.00	62.94 2.71 0.00	61.29 2.64 0.00	48.83 2.10 0.00	44.56 1.92 0.00	41.49 1.98 0.00	38.52 1.85 -0.38
W50THST__13_KV_LOAD 356117	40.88 2.20 0.00	38.10 1.88 0.00	36.62 1.64 0.00	35.89 1.55 0.00	36.31 1.50 0.00	40.18 1.60 -0.51	53.77 1.72 0.00	73.09 2.93 -1.97	52.78 2.13 0.00	40.53 1.95 -1.76	37.12 2.12 -1.86	36.13 2.05 -2.02	34.08 2.06 -1.75	33.83 2.18 -1.42	33.56 2.30 -1.43	35.66 2.43 -1.22	41.54 2.76 -0.49	54.83 2.81 0.00	63.24 3.01 0.00	61.52 2.87 0.00	49.02 2.29 0.00	44.73 2.09 0.00	41.65 2.13 0.00	38.66 2.00 -0.38
WADING RIVER_IC_1 23522	40.30 1.62 0.00	37.77 1.56 0.00	36.13 1.15 0.00	35.31 0.96 0.00	35.69 0.87 0.00	39.49 0.91 -0.51	49.37 -1.46 1.22	51.13 -1.44 15.61	46.96 -1.22 2.48	39.37 0.77 -1.77	36.47 1.46 -1.88	35.51 1.41 -2.04	33.47 1.42 -1.77	33.12 1.45 -1.43	33.05 1.76 -1.46	35.25 1.95 -1.29	40.17 1.38 -0.49	52.59 0.57 0.00	60.17 -0.06 0.00	58.65 0.00 0.00	46.91 0.19 0.00	43.11 0.47 0.00	40.31 0.79 0.00	38.48 1.81 -0.38
WADING RIVER_IC_2 23547	40.30 1.62 0.00	37.77 1.56 0.00	36.13 1.15 0.00	35.31 0.96 0.00	35.69 0.87 0.00	39.49 0.91 -0.51	49.37 -1.46 1.22	51.13 -1.44 15.61	46.96 -1.22 2.48	39.37 0.77 -1.77	36.47 1.46 -1.88	35.51 1.41 -2.04	33.47 1.42 -1.77	33.12 1.45 -1.43	33.05 1.76 -1.46	35.25 1.95 -1.29	40.17 1.38 -0.49	52.59 0.57 0.00	60.17 -0.06 0.00	58.65 0.00 0.00	46.91 0.19 0.00	43.11 0.47 0.00	40.31 0.79 0.00	38.48 1.81 -0.38
WADING RIVER_IC_3 23601	40.30 1.62 0.00	37.77 1.56 0.00	36.13 1.15 0.00	35.31 0.96 0.00	35.69 0.87 0.00	39.49 0.91 -0.51	49.37 -1.46 1.22	51.13 -1.44 15.61	46.96 -1.22 2.48	39.37 0.77 -1.77	36.47 1.46 -1.88	35.51 1.41 -2.04	33.47 1.42 -1.77	33.12 1.45 -1.43	33.05 1.76 -1.46	35.25 1.95 -1.29	40.17 1.38 -0.49	52.59 0.57 0.00	60.17 -0.06 0.00	58.65 0.00 0.00	46.91 0.19 0.00	43.11 0.47 0.00	40.31 0.79 0.00	38.48 1.81 -0.38
WALDENNY_12_KV_BK2 80841	38.87 0.19 0.00	36.54 0.33 0.00	35.36 0.38 0.00	35.07 0.72 0.00	35.20 0.38 0.00	38.22 0.15 0.00	52.83 0.78 0.00	68.25 0.07 0.00	50.81 0.15 0.00	37.16 0.33 0.00	33.83 0.70 0.00	32.31 0.26 0.00	30.45 0.18 0.00	30.42 0.18 0.00	29.98 0.15 0.00	31.81 -0.19 0.00	37.53 -0.77 0.00	50.77 -1.25 0.00	58.73 -1.51 0.00	56.54 -2.11 0.00	45.33 -1.40 0.00	41.70 -0.94 0.00	38.97 -0.55 0.00	35.92 -0.36 0.00
WALDEN___HYDRO 24148	40.42 1.74 0.00	37.70 1.48 0.00	36.31 1.33 0.00	35.62 1.27 0.00	36.00 1.18 0.00	39.73 1.26 -0.41	53.56 1.51 0.00	72.21 2.45 -1.57	52.23 1.57 0.00	39.59 1.29 -1.48	36.16 1.46 -1.57	35.17 1.41 -1.70	33.17 1.42 -1.47	32.97 1.54 -1.19	32.71 1.67 -1.21	34.79 1.76 -1.03	40.74 2.03 -0.41	54.31 2.29 0.00	62.76 2.53 0.00	61.17 2.52 0.00	48.64 1.92 0.00	44.30 1.66 0.00	41.22 1.70 0.00	38.20 1.60 -0.32
WARRENSBURG____ 23737	39.53 0.85 0.00	37.05 0.83 0.00	35.82 0.84 0.00	35.14 0.79 0.00	35.65 0.84 0.00	38.65 0.88 0.30	53.25 1.20 0.00	68.81 1.77 1.15	51.47 0.81 0.00	36.35 0.22 0.70	32.40 0.00 0.74	31.19 -0.06 0.80	29.46 -0.12 0.69	29.65 -0.03 0.56	29.23 -0.03 0.57	31.62 0.10 0.48	38.45 0.34 0.19	53.21 1.20 0.00	61.98 1.75 0.00	60.17 1.52 0.00	47.99 1.26 0.00	43.66 1.02 0.00	40.35 0.83 0.00	36.86 0.73 0.15
WATERSIDE___6 8 9 23538	40.89 2.20 -0.01	38.07 1.85 -0.01	36.63 1.64 -0.01	35.90 1.55 -0.01	36.32 1.50 -0.01	40.10 1.52 -0.51	53.14 1.09 0.00	72.20 2.05 -1.97	52.18 1.52 0.00	40.32 1.73 -1.76	36.93 1.92 -1.87	35.97 1.89 -2.03	33.90 1.88 -1.76	33.68 2.03 -1.42	33.45 2.18 -1.44	35.50 2.27 -1.22	41.39 2.60 -0.49	54.14 2.13 0.01	62.45 2.23 0.01	60.81 2.17 0.01	48.55 1.82 0.00	44.43 1.79 0.00	41.57 2.05 0.00	38.67 2.00 -0.39
WATKINRD_115KV_LN8_ILLION 55919	39.57 0.89 0.00	37.05 0.83 0.00	35.78 0.80 0.00	35.10 0.76 0.00	35.62 0.80 0.00	39.02 0.95 0.00	53.40 1.35 0.00	69.89 1.70 0.00	51.87 1.22 0.00	37.64 0.81 0.00	33.90 0.76 0.00	32.80 0.74 0.00	30.97 0.70 0.00	30.93 0.70 0.00	30.49 0.66 0.00	32.71 0.70 0.00	39.18 0.88 0.00	53.21 1.20 0.00	61.62 1.39 0.00	60.06 1.41 0.00	47.85 1.12 0.00	43.75 1.11 0.00	40.55 1.03 0.00	37.23 0.94 0.00

WDELAWARE___HYD 323627	40.61 1.93 0.00	37.96 1.74 0.00	36.56 1.58 0.00	35.86 1.51 0.00	36.28 1.46 0.00	39.99 1.60 -0.33	54.23 2.19 0.00	72.72 3.27 -1.26	52.63 1.97 0.00	39.48 1.47 -1.18	35.88 1.49 -1.25	34.86 1.44 -1.36	32.90 1.45 -1.18	32.70 1.51 -0.95	32.44 1.64 -0.97	34.59 1.76 -0.82	40.81 2.18 -0.32	54.72 2.70 0.00	63.30 3.07 0.00	61.76 3.11 0.00	49.06 2.34 0.00	44.73 2.09 0.00	41.45 1.94 0.00	38.35 1.81 -0.26
WEST BABYLON___IC 23714	41.50 2.82 0.00	38.64 2.43 0.00	36.97 1.99 0.00	36.17 1.82 0.00	36.56 1.74 0.00	40.45 1.87 -0.51	50.75 0.31 1.61	55.43 0.89 13.64	48.74 0.51 2.43	40.33 1.73 -1.77	37.37 2.35 -1.88	36.38 2.28 -2.05	34.29 2.24 -1.77	33.96 2.30 -1.43	33.83 2.54 -1.46	36.02 2.62 -1.39	40.93 2.14 -0.49	53.73 1.72 0.00	61.80 1.57 0.00	60.17 1.52 0.00	48.03 1.31 0.00	44.00 1.36 0.00	41.61 2.09 0.00	39.25 2.58 -0.38
WEST CANADA___HYD 24049	38.79 0.12 0.00	36.33 0.11 0.00	35.09 0.11 0.00	34.42 0.07 0.00	34.89 0.07 0.00	38.14 0.08 0.00	52.15 0.10 0.00	68.39 0.21 0.00	50.76 0.10 0.00	36.86 0.04 0.00	33.21 0.07 0.00	32.12 0.06 0.00	30.33 0.06 0.00	30.33 0.09 0.00	29.92 0.09 0.00	32.10 0.10 0.00	38.42 0.12 0.00	52.17 0.16 0.00	60.41 0.18 0.00	58.83 0.18 0.00	46.91 0.19 0.00	42.81 0.17 0.00	39.64 0.12 0.00	36.40 0.11 0.00
WESTERN_NY_WIND 24143	39.30 0.62 0.00	36.87 0.65 0.00	35.68 0.70 0.00	35.27 0.93 0.00	35.51 0.70 0.00	38.68 0.61 0.00	53.30 1.25 0.00	69.21 1.02 0.00	51.37 0.71 0.00	37.49 0.66 0.00	33.93 0.80 0.00	32.44 0.38 0.00	30.51 0.24 0.00	30.57 0.33 0.00	30.07 0.24 0.00	31.91 -0.10 0.00	37.76 -0.54 0.00	51.44 -0.57 0.00	59.51 -0.72 0.00	57.48 -1.17 0.00	46.07 -0.65 0.00	42.30 -0.34 0.00	39.40 -0.12 0.00	36.21 -0.07 0.00
WESTOVER___LESR 323668	38.99 0.31 0.00	36.47 0.25 0.00	35.29 0.31 0.00	34.76 0.41 0.00	35.13 0.31 0.00	38.37 0.30 0.00	52.78 0.73 0.00	69.00 0.82 0.00	51.01 0.35 0.00	37.19 0.18 -0.18	33.70 0.36 -0.19	32.46 0.19 -0.21	30.69 0.24 -0.18	30.57 0.18 -0.15	30.16 0.18 -0.15	32.20 0.06 -0.13	38.35 0.00 -0.05	52.12 0.10 0.00	60.53 0.30 0.00	58.71 0.06 0.00	46.87 0.14 0.00	42.77 0.13 0.00	39.72 0.20 0.00	36.58 0.25 -0.04
WETHRSFD_WT_PWR 323626	38.87 0.19 0.00	36.36 0.15 0.00	35.26 0.28 0.00	34.93 0.58 0.00	35.37 0.56 0.00	38.26 0.19 0.00	52.78 0.73 0.00	68.39 0.21 0.00	50.96 0.31 0.00	36.79 -0.04 0.00	33.44 0.30 0.00	31.93 -0.13 0.00	30.21 -0.06 0.00	30.18 -0.06 0.00	29.68 -0.15 0.00	31.53 -0.48 0.00	37.30 -1.00 0.00	50.77 -1.25 0.00	59.09 -1.15 0.00	56.89 -1.76 0.00	45.65 -1.07 0.00	41.87 -0.77 0.00	39.20 -0.32 0.00	36.11 -0.18 0.00
WHAVSTOR_138KV_BK127 55557	40.34 1.66 0.00	37.59 1.38 0.00	36.20 1.22 0.00	35.52 1.17 0.00	35.89 1.08 0.00	39.62 1.10 -0.45	53.19 1.15 0.00	71.96 2.05 -1.73	51.97 1.32 0.00	39.57 1.29 -1.46	36.21 1.52 -1.54	35.21 1.47 -1.68	33.24 1.51 -1.45	33.02 1.60 -1.18	32.75 1.73 -1.19	34.81 1.79 -1.01	40.73 2.03 -0.40	54.05 2.03 0.00	62.52 2.29 0.00	60.88 2.23 0.00	48.46 1.73 0.00	44.17 1.54 0.00	41.14 1.62 0.00	38.13 1.52 -0.32
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.34 1.66 0.00	37.59 1.38 0.00	36.20 1.22 0.00	35.52 1.17 0.00	35.89 1.08 0.00	39.62 1.10 -0.45	53.19 1.15 0.00	71.96 2.05 -1.73	51.97 1.32 0.00	39.57 1.29 -1.46	36.21 1.52 -1.54	35.21 1.47 -1.68	33.24 1.51 -1.45	33.02 1.60 -1.18	32.75 1.73 -1.19	34.81 1.79 -1.01	40.73 2.03 -0.40	54.05 2.03 0.00	62.52 2.29 0.00	60.88 2.23 0.00	48.46 1.73 0.00	44.17 1.54 0.00	41.14 1.62 0.00	38.13 1.52 -0.32
WHITEHAL_115KV_TB1 80871	40.30 1.62 0.00	37.77 1.56 0.00	36.52 1.54 0.00	35.86 1.51 0.00	36.38 1.57 0.00	39.48 1.71 0.30	54.55 2.50 0.00	70.42 3.41 1.18	52.48 1.82 0.00	36.85 0.74 0.71	32.78 0.40 0.75	31.53 0.29 0.82	29.71 0.15 0.71	29.91 0.24 0.57	29.46 0.21 0.58	31.93 0.42 0.49	38.95 0.84 0.20	54.31 2.29 0.00	63.42 3.19 0.00	61.47 2.82 0.00	49.06 2.34 0.00	44.60 1.96 0.00	41.14 1.62 0.00	37.55 1.42 0.15
WHITEPLN_13_KV_LOAD 356215	40.73 2.05 0.00	37.99 1.77 0.00	36.52 1.54 0.00	35.82 1.48 0.00	36.24 1.43 0.00	40.05 1.48 -0.49	53.77 1.72 0.00	72.89 2.80 -1.91	52.63 1.98 0.00	40.15 1.66 -1.66	36.76 1.86 -1.76	35.76 1.80 -1.91	33.71 1.79 -1.66	33.48 1.90 -1.34	33.22 2.03 -1.36	35.31 2.14 -1.16	41.21 2.45 -0.46	54.67 2.65 0.00	63.18 2.95 0.00	61.64 2.99 0.00	49.02 2.29 0.00	44.64 2.00 0.00	41.49 1.98 0.00	38.53 1.89 -0.36
WM_FLOYD_69_KV_BK2 356380	40.92 2.24 0.00	38.06 1.85 0.00	36.41 1.43 0.00	35.62 1.27 0.00	36.00 1.18 0.00	39.87 1.29 -0.51	49.77 -0.99 1.29	51.71 -0.82 15.66	47.49 -0.66 2.51	39.67 1.07 -1.77	36.74 1.72 -1.88	35.74 1.63 -2.04	33.68 1.63 -1.77	33.36 1.69 -1.43	33.29 2.00 -1.46	35.51 2.21 -1.30	40.40 1.61 -0.49	52.90 0.88 0.00	60.71 0.48 0.00	59.12 0.47 0.00	47.29 0.56 0.00	43.45 0.81 0.00	41.22 1.70 0.00	38.85 2.18 -0.38
WOODARD___115KV_TB2 355635	38.21 -0.46 0.00	35.78 -0.43 0.00	34.56 -0.42 0.00	33.97 -0.38 0.00	34.43 -0.38 0.00	37.61 -0.46 0.00	51.63 -0.42 0.00	67.64 -0.55 0.00	50.15 -0.51 0.00	36.42 -0.41 0.00	32.81 -0.33 0.00	31.67 -0.38 0.00	29.94 -0.33 0.00	29.84 -0.39 0.00	29.44 -0.39 0.00	31.56 -0.45 0.00	37.76 -0.54 0.00	51.34 -0.68 0.00	59.51 -0.72 0.00	57.83 -0.82 0.00	46.17 -0.56 0.00	42.13 -0.51 0.00	39.04 -0.47 0.00	35.81 -0.47 0.00
WOODMERE_69_KV_BK1 55827	41.58 2.90 0.00	38.75 2.54 0.00	37.15 2.17 0.00	36.37 2.03 0.00	36.77 1.95 0.00	40.60 2.02 -0.51	52.73 0.88 0.20	70.02 1.70 -0.13	51.48 1.11 0.30	40.62 2.03 -1.77	37.60 2.58 -1.88	36.61 2.50 -2.05	34.53 2.48 -1.78	34.24 2.57 -1.43	33.98 2.65 -1.50	36.88 2.78 -2.09	41.43 2.64 -0.49	54.62 2.60 0.00	62.94 2.71 0.00	61.23 2.58 0.00	48.78 2.06 0.00	44.60 1.96 0.00	41.85 2.33 0.00	39.28 2.61 -0.38
YORK___WARBASSE 23770	41.01 2.32 -0.01	38.22 1.99 -0.01	36.74 1.75 -0.01	36.04 1.68 -0.01	36.43 1.60 -0.01	40.22 1.64 -0.51	53.04 0.99 0.00	72.00 1.84 -1.97	51.97 1.32 0.00	40.36 1.77 -1.76	36.99 1.99 -1.87	36.01 1.92 -2.03	33.96 1.94 -1.76	33.74 2.09 -1.42	33.51 2.24 -1.44	35.60 2.37 -1.22	41.51 2.72 -0.49	54.09 2.08 0.01	62.57 2.35 0.01	60.93 2.29 0.01	48.50 1.78 0.00	44.43 1.79 0.00	41.65 2.13 0.00	38.85 2.18 -0.39