

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										06/30/2024			
Generator Data																									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
24138		34.50	35.99	32.31	28.26	30.06	29.84	26.76	25.63	28.51	31.22	32.59	47.25	39.11	71.20	148.34	108.06	76.17	82.09	47.71	40.32	61.16	36.05	27.93	27.80
		2.47	2.51	2.17	1.90	2.00	1.99	1.90	1.91	2.18	2.64	2.93	4.10	3.47	2.55	1.42	0.78	0.54	0.68	1.56	1.95	2.15	2.15	2.48	2.31
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.02	0.00	-43.06	-132.92	-99.71	-70.29	-74.55	-30.55	-18.48	-36.48	-11.34	0.00	0.00
74TH STREET_GT_1		34.67	36.17	32.45	28.40	30.19	29.98	26.89	25.75	28.63	31.36	32.72	47.41	39.28	71.32	148.38	108.07	76.17	82.10	47.77	40.41	61.26	36.15	28.10	27.96
24260		2.63	2.69	2.32	2.03	2.13	2.13	2.03	2.02	2.31	2.78	3.06	4.27	3.64	2.67	1.48	0.82	0.56	0.71	1.62	2.04	2.25	2.24	2.65	2.47
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.02	0.00	-43.06	-132.89	-99.69	-70.27	-74.53	-30.54	-18.48	-36.48	-11.34	0.00	0.00
74TH STREET_GT_2		34.67	36.17	32.45	28.40	30.19	29.98	26.89	25.75	28.63	31.36	32.72	47.41	39.28	71.32	148.38	108.07	76.17	82.10	47.77	40.41	61.26	36.15	28.10	27.96
24261		2.63	2.69	2.32	2.03	2.13	2.13	2.03	2.02	2.31	2.78	3.06	4.27	3.64	2.67	1.48	0.82	0.56	0.71	1.62	2.04	2.25	2.24	2.65	2.47
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.02	0.00	-43.06	-132.89	-99.69	-70.27	-74.53	-30.54	-18.48	-36.48	-11.34	0.00	0.00
ADK HUDSON___FALLS		34.52	36.07	32.41	28.47	30.25	30.04	26.87	25.71	28.62	30.96	32.07	43.98	38.35	31.61	37.09	34.20	24.03	27.32	24.04	23.05	24.58	24.25	27.44	27.63
24011		2.48	2.59	2.28	2.10	2.19	2.19	2.01	1.98	2.30	2.38	2.41	3.38	2.71	1.87	0.99	0.53	0.37	0.49	1.21	1.53	1.73	1.69	2.00	2.14
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	0.00	-4.15	-22.09	-26.10	-18.32	-19.97	-7.22	-1.63	-0.32	0.00	0.00	0.00
ADK RESOURCE___RCVRY		34.77	36.32	32.61	28.67	30.45	30.25	27.07	25.91	28.85	31.19	32.34	44.31	38.68	31.81	37.14	34.19	24.03	27.33	24.15	23.23	24.75	24.41	27.60	27.86
23798		2.74	2.84	2.48	2.30	2.39	2.40	2.21	2.19	2.52	2.61	2.68	3.71	3.04	2.08	1.11	0.60	0.43	0.56	1.35	1.71	1.90	1.85	2.16	2.37
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	0.00	-4.13	-22.03	-26.02	-18.27	-19.91	-7.20	-1.63	-0.32	0.00	0.00	0.00
ADK S GLENS___FALLS		34.52	36.07	32.41	28.47	30.25	30.04	26.87	25.71	28.62	30.96	32.07	43.98	38.35	31.61	37.09	34.20	24.03	27.32	24.04	23.05	24.58	24.25	27.44	27.63
24028		2.48	2.59	2.28	2.10	2.19	2.19	2.01	1.98	2.30	2.38	2.41	3.38	2.71	1.87	0.99	0.53	0.37	0.49	1.21	1.53	1.73	1.69	2.00	2.14
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	0.00	-4.15	-22.09	-26.10	-18.32	-19.97	-7.22	-1.63	-0.32	0.00	0.00	0.00
ADK_NYS___DAM		33.35	35.17	31.73	27.88	29.58	29.40	26.21	25.07	27.75	30.15	31.32	43.19	37.76	32.06	41.29	39.23	27.55	31.11	25.14	22.95	24.36	23.97	26.88	27.02
23527		1.31	1.69	1.60	1.51	1.52	1.55	1.35	1.34	1.43	1.57	1.66	2.48	2.11	1.52	0.92	0.51	0.35	0.42	0.91	1.11	1.44	1.41	1.44	1.53
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.57	0.00	-4.95	-26.36	-31.15	-21.87	-23.83	-8.61	-1.95	-0.38	0.00	0.00	0.00
AIR_PRODUCTS___DRP		32.46	34.05	30.86	27.09	28.75	28.55	25.56	24.42	26.89	29.16	30.33	41.71	36.55	30.73	38.37	36.10	25.36	28.72	23.86	22.17	23.46	23.10	25.96	26.03
24190		0.42	0.57	0.73	0.72	0.69	0.70	0.69	0.70	0.57	0.58	0.66	1.09	0.90	0.65	0.41	0.23	0.16	0.20	0.43	0.51	0.58	0.54	0.52	0.54
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	0.00	-4.49	-23.95	-28.30	-19.87	-21.65	-7.83	-1.77	-0.35	0.00	0.00	0.00
AKWESSNE_115KV_BK		31.48	32.84	29.51	25.77	27.46	27.25	24.31	23.24	25.80	27.88	28.83	38.95	34.92	24.97	13.67	7.38	5.20	6.70	15.29	19.52	22.16	22.23	25.06	25.05
355683		-0.56	-0.63	-0.62	-0.60	-0.59	-0.60	-0.55	-0.49	-0.53	-0.70	-0.83	-1.18	-0.72	-0.62	-0.33	-0.19	-0.13	-0.16	-0.32	-0.38	-0.36	-0.33	-0.39	-0.44
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		33.06	34.63	31.29	27.45	29.17	28.96	25.87	24.64	27.21	29.43	30.48	42.05	36.97	30.86	38.64	36.42	25.57	28.99	24.09	22.48	23.83	23.47	26.37	26.43
323833		1.02	1.15	1.15	1.09	1.11	1.11	1.01	0.91	0.89	0.85	0.81	1.48	1.32	0.74	0.49	0.32	0.20	0.30	0.59	0.80	0.96	0.91	0.93	0.93
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.44	0.00	-4.53	-24.15	-28.53	-20.03	-21.83	-7.89	-1.78	-0.35	0.00	0.00	0.00
ALBANY_2_SOLAR		33.05	34.61	31.27	27.44	29.16	28.96	25.86	24.63	27.21	29.42	30.48	42.04	36.96	30.85	38.64	36.41	25.56	28.99	24.09	22.48	23.83	23.47	26.36	26.42
323834		1.01	1.14	1.14	1.07	1.11	1.11	1.00	0.90	0.89	0.84	0.81	1.48	1.32	0.73	0.49	0.31	0.20	0.30	0.59	0.80	0.95	0.91	0.92	0.93
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.44	0.00	-4.53	-24.14	-28.53	-20.02	-21.83	-7.89	-1.78	-0.35	0.00	0.00	0.00
ALBANY___1		32.46	34.05	30.86	27.09	28.75	28.55	25.56	24.42	26.89	29.16	30.33	41.71	36.55	30.73	38.37	36.10	25.36	28.72	23.86	22.17	23.46	23.10	25.96	26.03
23571		0.42	0.57	0.73	0.72	0.69	0.70	0.69	0.70	0.57	0.58	0.66	1.09	0.90	0.65	0.41	0.23	0.16	0.20	0.43	0.51	0.58	0.54	0.52	0.54
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	0.00	-4.49	-23.95	-28.30	-19.87	-21.65	-7.83	-1.77	-0.35	0.00	0.00	0.00

ALBANY___2 23572	32.46 0.42 0.00	34.05 0.57 0.00	30.86 0.73 0.00	27.09 0.72 0.00	28.75 0.69 0.00	28.55 0.70 0.00	25.56 0.69 0.00	24.42 0.70 0.00	26.89 0.57 0.00	29.16 0.58 0.00	30.33 0.66 0.00	41.71 1.09 -0.49	36.55 0.90 0.00	30.73 0.65 -4.49	38.37 0.41 -23.95	36.10 0.23 -28.30	25.36 0.16 -19.87	28.72 0.20 -21.65	23.86 0.43 -7.83	22.17 0.51 -1.77	23.46 0.58 -0.35	23.10 0.54 0.00	25.96 0.52 0.00	26.03 0.54 0.00
ALBANY___3 23573	32.46 0.42 0.00	34.05 0.57 0.00	30.86 0.73 0.00	27.09 0.72 0.00	28.75 0.69 0.00	28.55 0.70 0.00	25.56 0.69 0.00	24.42 0.70 0.00	26.89 0.57 0.00	29.16 0.58 0.00	30.33 0.66 0.00	41.71 1.09 -0.49	36.55 0.90 0.00	30.73 0.65 -4.49	38.37 0.41 -23.95	36.10 0.23 -28.30	25.36 0.16 -19.87	28.72 0.20 -21.65	23.86 0.43 -7.83	22.17 0.51 -1.77	23.46 0.58 -0.35	23.10 0.54 0.00	25.96 0.52 0.00	26.03 0.54 0.00
ALBANY___4 23574	32.46 0.42 0.00	34.05 0.57 0.00	30.86 0.73 0.00	27.09 0.72 0.00	28.75 0.69 0.00	28.55 0.70 0.00	25.56 0.69 0.00	24.42 0.70 0.00	26.89 0.57 0.00	29.16 0.58 0.00	30.33 0.66 0.00	41.71 1.09 -0.49	36.55 0.90 0.00	30.73 0.65 -4.49	38.37 0.41 -23.95	36.10 0.23 -28.30	25.36 0.16 -19.87	28.72 0.20 -21.65	23.86 0.43 -7.83	22.17 0.51 -1.77	23.46 0.58 -0.35	23.10 0.54 0.00	25.96 0.52 0.00	26.03 0.54 0.00
ALBANY___LFGE 323615	32.82 0.78 0.00	34.41 0.93 0.00	31.15 1.02 0.00	27.33 0.96 0.00	29.01 0.96 0.00	28.81 0.96 0.00	25.78 0.92 0.00	24.63 0.91 0.00	27.19 0.87 0.00	29.48 0.90 0.00	30.68 1.01 0.00	42.21 1.59 -0.49	36.98 1.34 0.00	31.00 0.98 -4.43	38.19 0.59 -23.59	35.77 0.33 -27.87	25.13 0.22 -19.57	28.48 0.29 -21.32	23.94 0.62 -7.71	22.38 0.75 -1.74	23.72 0.85 -0.34	23.35 0.80 0.00	26.24 0.80 0.00	26.30 0.80 0.00
ALCOA_PA_115KV_PL-6C 55860	31.60 -0.43 0.00	32.96 -0.52 0.00	29.61 -0.52 0.00	25.86 -0.51 0.00	27.56 -0.49 0.00	27.35 -0.50 0.00	24.39 -0.47 0.00	23.31 -0.42 0.00	25.86 -0.46 0.00	27.94 -0.65 0.00	28.86 -0.80 0.00	38.98 -1.15 0.00	34.99 -0.66 0.00	25.02 -0.57 0.00	13.70 -0.31 0.00	7.39 -0.18 0.00	5.21 -0.13 0.00	6.72 -0.15 0.00	15.34 -0.27 0.00	19.58 -0.32 0.00	22.26 -0.27 0.00	22.32 -0.24 0.00	25.16 -0.29 0.00	25.15 -0.34 0.00
ALCOA_RYNLDS___DRP 24188	31.60 -0.43 0.00	32.96 -0.52 0.00	29.61 -0.52 0.00	25.86 -0.51 0.00	27.56 -0.49 0.00	27.35 -0.50 0.00	24.39 -0.47 0.00	23.31 -0.42 0.00	25.86 -0.46 0.00	27.94 -0.65 0.00	28.86 -0.80 0.00	38.98 -1.15 0.00	34.99 -0.66 0.00	25.02 -0.57 0.00	13.70 -0.31 0.00	7.39 -0.18 0.00	5.21 -0.13 0.00	6.72 -0.15 0.00	15.34 -0.27 0.00	19.58 -0.32 0.00	22.26 -0.27 0.00	22.32 -0.24 0.00	25.16 -0.29 0.00	25.15 -0.34 0.00
ALCOA___DSASP 323711	31.60 -0.43 0.00	32.96 -0.52 0.00	29.61 -0.52 0.00	25.86 -0.51 0.00	27.57 -0.49 0.00	27.35 -0.50 0.00	24.39 -0.47 0.00	23.31 -0.42 0.00	25.86 -0.46 0.00	27.94 -0.65 0.00	28.86 -0.80 0.00	38.98 -1.15 0.00	34.99 -0.66 0.00	25.02 -0.57 0.00	13.69 -0.31 0.00	7.39 -0.18 0.00	5.21 -0.13 0.00	6.72 -0.15 0.00	15.34 -0.28 0.00	19.57 -0.32 0.00	22.26 -0.27 0.00	22.32 -0.24 0.00	25.16 -0.29 0.00	25.15 -0.35 0.00
ALLEGHENY___COGEN 23514	32.29 0.26 0.00	33.59 0.11 0.00	30.26 0.13 0.00	26.56 0.19 0.00	28.49 0.43 0.00	28.17 0.32 0.00	25.10 0.24 0.00	23.74 0.02 0.00	26.12 -0.20 0.00	28.54 -0.04 0.00	29.68 0.02 0.00	43.14 -0.64 -3.65	34.73 -1.04 -0.12	28.49 -0.63 -3.53	13.66 -0.42 -0.07	7.44 -0.25 -0.13	5.18 -0.15 0.00	6.71 -0.15 0.00	15.39 -0.22 0.00	19.87 -0.02 0.00	22.46 -0.07 0.00	22.46 -0.10 0.00	25.07 -0.37 0.00	25.26 -0.23 0.00
ALTAMONT_115KV_TB 2 55880	32.88 0.85 0.00	34.42 0.94 0.00	31.03 0.89 0.00	27.21 0.84 0.00	28.90 0.84 0.00	28.70 0.85 0.00	25.66 0.80 0.00	24.51 0.79 0.00	27.14 0.82 0.00	29.48 0.90 0.00	30.62 0.96 0.00	42.06 1.46 -0.48	36.85 1.20 0.00	30.83 0.88 -4.36	37.73 0.52 -23.21	35.28 0.29 -27.43	24.78 0.20 -19.25	28.10 0.25 -20.98	23.76 0.57 -7.58	22.31 0.70 -1.71	23.67 0.80 -0.34	23.34 0.78 0.00	26.26 0.82 0.00	26.30 0.81 0.00
ALTONA_WT_PWR 323606	31.02 -1.01 0.00	32.67 -0.80 0.00	29.30 -0.83 0.00	25.50 -0.87 0.00	27.44 -0.62 0.00	27.36 -0.49 0.00	24.29 -0.57 0.00	23.21 -0.51 0.00	25.73 -0.59 0.00	27.57 -1.01 0.00	28.47 -1.20 0.00	38.05 -2.07 0.00	34.56 -1.09 0.00	24.65 -0.94 0.00	13.55 -0.46 0.00	7.30 -0.27 0.00	5.17 -0.16 0.00	6.72 -0.14 0.00	15.50 -0.12 0.00	19.78 -0.11 0.00	22.51 -0.02 0.00	22.54 -0.02 0.00	25.25 -0.19 0.00	25.36 -0.13 0.00
AMERICAN_REF_FUEL 24010	29.99 -2.05 0.00	31.21 -2.27 0.00	28.22 -1.91 0.00	24.74 -1.63 0.00	26.50 -1.56 0.00	26.32 -1.53 0.00	23.27 -1.59 0.00	21.73 -2.00 0.00	23.98 -2.34 0.00	26.34 -2.25 0.00	27.34 -2.32 0.00	35.47 -3.83 0.83	31.86 -3.75 0.03	22.47 -2.32 0.80	12.65 -1.34 0.02	6.86 -0.68 0.03	4.90 -0.43 0.00	6.34 -0.52 0.00	14.29 -1.32 0.00	18.31 -1.59 0.00	20.66 -1.87 0.00	20.67 -1.89 0.00	23.23 -2.22 0.00	23.16 -2.33 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.51 -1.53 0.00	31.85 -1.63 0.00	28.52 -1.61 0.00	24.94 -1.43 0.00	26.77 -1.29 0.00	27.02 -0.83 0.00	24.18 -0.69 0.00	23.09 -0.63 0.00	25.60 -0.72 0.00	28.07 -0.52 0.00	28.86 -0.80 0.00	37.36 -1.96 0.81	33.39 -2.23 0.03	23.47 -1.33 0.78	13.11 -0.88 0.02	7.06 -0.48 0.03	5.05 -0.29 0.00	6.54 -0.33 0.00	14.68 -0.93 0.00	18.84 -1.05 0.00	21.48 -1.05 0.00	21.38 -1.18 0.00	24.31 -1.13 0.00	24.40 -1.10 0.00
ARTHUR KILL_GT_1 23520	34.48 2.44 0.00	35.96 2.48 0.00	32.27 2.14 0.00	28.24 1.87 0.00	30.01 1.95 0.00	29.80 1.95 0.00	26.70 1.84 0.00	25.51 1.78 0.00	28.34 2.02 0.00	31.10 2.52 0.00	32.46 2.79 0.00	46.93 3.78 -3.02	38.99 3.34 0.00	66.90 2.36 -38.95	138.92 1.27 -123.64	107.96 0.71 -99.69	76.10 0.50 -70.27	82.08 0.68 -74.54	47.68 1.53 -30.54	40.30 1.93 -18.48	61.06 2.05 -36.48	39.31 2.04 -14.71	27.89 2.44 -0.01	27.76 2.26 0.00
ARTHUR_KILL_2 23512	34.36 2.32 0.00	35.84 2.36 0.00	32.16 2.03 0.00	28.15 1.78 0.00	29.92 1.86 0.00	29.71 1.85 0.00	26.62 1.75 0.00	25.43 1.70 0.00	28.26 1.93 0.00	31.00 2.42 0.00	32.34 2.67 0.00	46.77 3.62 -3.02	38.83 3.18 0.00	66.79 2.26 -38.95	138.86 1.21 -123.64	107.93 0.68 -99.69	76.08 0.47 -70.27	82.05 0.65 -74.54	47.61 1.46 -30.54	40.22 1.84 -18.48	60.97 1.96 -36.48	39.22 1.95 -14.71	27.78 2.33 -0.01	27.67 2.17 0.00
ARTHUR_KILL_3 23513	34.29 2.26 0.00	35.77 2.30 0.00	32.12 1.99 0.00	28.11 1.75 0.00	29.89 1.83 0.00	29.68 1.83 0.00	26.61 1.75 0.00	25.45 1.72 0.00	28.28 1.95 0.00	30.94 2.36 0.00	32.26 2.60 0.00	46.76 3.61 -3.02	38.70 3.06 0.00	66.79 2.25 -38.95	134.94 1.24 -119.69	86.01 0.68 -77.76	76.09 0.48 -70.28	82.01 0.61 -74.54	47.56 1.41 -30.54	40.14 1.77 -18.48	60.94 1.94 -36.48	38.68 1.93 -14.19	27.76 2.31 0.00	27.65 2.15 0.00

ARTHUR_KILL_COGEN 323718	34.48 2.44 0.00	35.96 2.48 0.00	32.27 2.14 0.00	28.24 1.87 0.00	30.01 1.95 0.00	29.80 1.95 0.00	26.70 1.84 0.00	25.51 1.78 0.00	28.34 2.02 0.00	31.10 2.52 0.00	32.46 2.79 0.00	46.93 3.78 -3.02	38.99 3.34 0.00	66.90 2.36 -38.95	138.92 1.27 -123.64	107.96 0.71 -99.69	76.10 0.50 -70.27	82.08 0.68 -74.54	47.68 1.53 -30.54	40.30 1.93 -18.48	61.06 2.05 -36.48	39.31 2.04 -14.71	27.89 2.44 -0.01	27.76 2.26 0.00
ASHOKAN____ 23654	34.06 2.02 0.00	35.59 2.12 0.00	32.05 1.92 0.00	28.10 1.73 0.00	29.84 1.78 0.00	29.60 1.75 0.00	26.50 1.63 0.00	25.31 1.59 0.00	28.07 1.75 0.00	30.67 2.08 0.00	31.89 2.23 0.00	43.14 3.01 0.00	38.80 3.16 0.00	32.47 1.92 -4.96	41.52 0.99 -26.53	39.56 0.65 -31.34	27.80 0.46 -22.00	31.51 0.66 -23.98	25.71 1.43 -8.67	23.59 1.74 -1.96	24.85 1.93 -0.39	24.38 1.82 0.00	27.34 1.90 0.00	27.24 1.74 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.37 2.33 0.00	35.85 2.37 0.00	32.20 2.07 0.00	28.20 1.83 0.00	29.96 1.90 0.00	29.75 1.90 0.00	26.72 1.86 0.00	25.56 1.83 0.00	28.38 2.05 0.00	31.07 2.48 0.00	32.33 2.67 0.00	46.88 3.74 -3.02	38.89 3.24 0.00	70.99 2.34 -43.06	148.20 1.30 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.04 0.64 -74.54	47.64 1.49 -30.54	40.24 1.87 -18.48	61.07 2.07 -36.48	35.96 2.06 -11.34	27.88 2.43 0.00	27.75 2.26 0.00
ASTORIA_EAST_ENERGY_CC2 323582	34.37 2.33 0.00	35.85 2.37 0.00	32.20 2.07 0.00	28.20 1.83 0.00	29.96 1.90 0.00	29.75 1.90 0.00	26.72 1.86 0.00	25.56 1.83 0.00	28.38 2.05 0.00	31.07 2.48 0.00	32.33 2.67 0.00	46.88 3.74 -3.02	38.89 3.24 0.00	70.99 2.34 -43.06	148.20 1.30 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.04 0.64 -74.54	47.64 1.49 -30.54	40.24 1.87 -18.48	61.07 2.07 -36.48	35.96 2.06 -11.34	27.88 2.43 0.00	27.75 2.26 0.00
ASTORIA_GT2_1 24094	34.39 2.35 0.00	35.86 2.39 0.00	32.22 2.09 0.00	28.22 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.40 2.07 0.00	31.08 2.50 0.00	32.35 2.69 0.00	46.91 3.76 -3.02	38.91 3.27 0.00	71.01 2.36 -43.06	148.21 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.05 0.65 -74.54	47.64 1.49 -30.54	40.25 1.88 -18.48	61.08 2.08 -36.48	35.96 2.06 -11.34	27.90 2.45 0.00	27.76 2.27 0.00
ASTORIA_GT2_2 24095	34.39 2.35 0.00	35.86 2.39 0.00	32.22 2.09 0.00	28.22 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.40 2.07 0.00	31.08 2.50 0.00	32.35 2.69 0.00	46.91 3.76 -3.02	38.91 3.27 0.00	71.01 2.36 -43.06	148.21 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.05 0.65 -74.54	47.64 1.49 -30.54	40.25 1.88 -18.48	61.08 2.08 -36.48	35.96 2.06 -11.34	27.90 2.45 0.00	27.76 2.27 0.00
ASTORIA_GT2_3 24096	34.39 2.35 0.00	35.86 2.39 0.00	32.22 2.09 0.00	28.22 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.40 2.07 0.00	31.08 2.50 0.00	32.35 2.69 0.00	46.91 3.76 -3.02	38.91 3.27 0.00	71.01 2.36 -43.06	148.21 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.05 0.65 -74.54	47.64 1.49 -30.54	40.25 1.88 -18.48	61.08 2.08 -36.48	35.96 2.06 -11.34	27.90 2.45 0.00	27.76 2.27 0.00
ASTORIA_GT2_4 24097	34.39 2.35 0.00	35.86 2.39 0.00	32.22 2.09 0.00	28.22 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.40 2.07 0.00	31.08 2.50 0.00	32.35 2.69 0.00	46.91 3.76 -3.02	38.91 3.27 0.00	71.01 2.36 -43.06	148.21 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.05 0.65 -74.54	47.64 1.49 -30.54	40.25 1.88 -18.48	61.08 2.08 -36.48	35.96 2.06 -11.34	27.90 2.45 0.00	27.76 2.27 0.00
ASTORIA_GT3_1 24098	34.39 2.35 0.00	35.86 2.39 0.00	32.22 2.09 0.00	28.22 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.40 2.07 0.00	31.08 2.50 0.00	32.35 2.69 0.00	46.91 3.76 -3.02	38.91 3.27 0.00	71.01 2.36 -43.06	148.21 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.05 0.65 -74.54	47.64 1.49 -30.54	40.25 1.88 -18.48	61.08 2.08 -36.48	35.96 2.06 -11.34	27.90 2.45 0.00	27.76 2.27 0.00
ASTORIA_GT3_2 24099	34.39 2.35 0.00	35.86 2.39 0.00	32.22 2.09 0.00	28.22 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.40 2.07 0.00	31.08 2.50 0.00	32.35 2.69 0.00	46.91 3.76 -3.02	38.91 3.27 0.00	71.01 2.36 -43.06	148.21 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.05 0.65 -74.54	47.64 1.49 -30.54	40.25 1.88 -18.48	61.08 2.08 -36.48	35.96 2.06 -11.34	27.90 2.45 0.00	27.76 2.27 0.00
ASTORIA_GT3_3 24100	34.39 2.35 0.00	35.86 2.39 0.00	32.22 2.09 0.00	28.22 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.40 2.07 0.00	31.08 2.50 0.00	32.35 2.69 0.00	46.91 3.76 -3.02	38.91 3.27 0.00	71.01 2.36 -43.06	148.21 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.05 0.65 -74.54	47.64 1.49 -30.54	40.25 1.88 -18.48	61.08 2.08 -36.48	35.96 2.06 -11.34	27.90 2.45 0.00	27.76 2.27 0.00
ASTORIA_GT3_4 24101	34.39 2.35 0.00	35.86 2.39 0.00	32.22 2.09 0.00	28.22 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.40 2.07 0.00	31.08 2.50 0.00	32.35 2.69 0.00	46.91 3.76 -3.02	38.91 3.27 0.00	71.01 2.36 -43.06	148.21 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.05 0.65 -74.54	47.64 1.49 -30.54	40.25 1.88 -18.48	61.08 2.08 -36.48	35.96 2.06 -11.34	27.90 2.45 0.00	27.76 2.27 0.00
ASTORIA_GT4_1 24102	34.39 2.35 0.00	35.86 2.39 0.00	32.22 2.09 0.00	28.22 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.40 2.07 0.00	31.08 2.50 0.00	32.35 2.69 0.00	46.91 3.76 -3.02	38.91 3.27 0.00	71.01 2.36 -43.06	148.21 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.05 0.65 -74.54	47.64 1.49 -30.54	40.25 1.88 -18.48	61.08 2.08 -36.48	35.96 2.06 -11.34	27.90 2.45 0.00	27.76 2.27 0.00
ASTORIA_GT4_2 24103	34.39 2.35 0.00	35.86 2.39 0.00	32.22 2.09 0.00	28.22 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.40 2.07 0.00	31.08 2.50 0.00	32.35 2.69 0.00	46.91 3.76 -3.02	38.91 3.27 0.00	71.01 2.36 -43.06	148.21 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.05 0.65 -74.54	47.64 1.49 -30.54	40.25 1.88 -18.48	61.08 2.08 -36.48	35.96 2.06 -11.34	27.90 2.45 0.00	27.76 2.27 0.00
ASTORIA_GT4_3 24104	34.39 2.35 0.00	35.86 2.39 0.00	32.22 2.09 0.00	28.22 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.40 2.07 0.00	31.08 2.50 0.00	32.35 2.69 0.00	46.91 3.76 -3.02	38.91 3.27 0.00	71.01 2.36 -43.06	148.21 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.05 0.65 -74.54	47.64 1.49 -30.54	40.25 1.88 -18.48	61.08 2.08 -36.48	35.96 2.06 -11.34	27.90 2.45 0.00	27.76 2.27 0.00

ASTORIA_GT4_4 24105	34.39 2.35 0.00	35.86 2.39 0.00	32.22 2.09 0.00	28.22 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.40 2.07 0.00	31.08 2.50 0.00	32.35 2.69 0.00	46.91 3.76 -3.02	38.91 3.27 0.00	71.01 2.36 -43.06	148.21 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.05 0.65 -74.54	47.64 1.49 -30.54	40.25 1.88 -18.48	61.08 2.08 -36.48	35.96 2.06 -11.34	27.90 2.45 0.00	27.76 2.27 0.00
ASTORIA_GT_1 23523	34.45 2.42 0.00	35.93 2.45 0.00	32.28 2.14 0.00	28.27 1.90 0.00	30.04 1.97 0.00	29.83 1.97 0.00	26.78 1.92 0.00	25.62 1.90 0.00	28.45 2.12 0.00	31.14 2.56 0.00	32.42 2.76 0.00	47.01 3.86 -3.02	39.00 3.35 0.00	71.07 2.42 -43.06	148.25 1.35 -132.89	108.00 0.75 -99.69	76.13 0.52 -70.27	82.06 0.66 -74.54	47.68 1.53 -30.54	40.30 1.93 -18.48	61.14 2.14 -36.48	36.02 2.12 -11.34	27.95 2.51 0.00	27.82 2.32 0.00
ASTORIA_GT_10 24110	34.45 2.42 0.00	35.93 2.45 0.00	32.25 2.12 0.00	28.22 1.86 0.00	30.00 1.94 0.00	29.78 1.93 0.00	26.72 1.86 0.00	25.56 1.84 0.00	28.41 2.09 0.00	31.11 2.53 0.00	32.45 2.79 0.00	47.03 3.88 -3.02	38.97 3.33 0.00	71.07 2.43 -43.06	148.24 1.35 -132.89	108.00 0.74 -99.69	76.12 0.51 -70.27	82.06 0.66 -74.54	47.66 1.51 -30.54	40.26 1.89 -18.48	61.09 2.09 -36.48	35.98 2.08 -11.34	27.92 2.47 0.00	27.79 2.29 0.00
ASTORIA_GT_11 24225	34.45 2.42 0.00	35.93 2.45 0.00	32.25 2.12 0.00	28.22 1.86 0.00	30.00 1.94 0.00	29.78 1.93 0.00	26.72 1.86 0.00	25.56 1.84 0.00	28.41 2.09 0.00	31.11 2.53 0.00	32.45 2.79 0.00	47.03 3.88 -3.02	38.97 3.33 0.00	71.07 2.43 -43.06	148.24 1.35 -132.89	108.00 0.74 -99.69	76.12 0.51 -70.27	82.06 0.66 -74.54	47.66 1.51 -30.54	40.26 1.89 -18.48	61.09 2.09 -36.48	35.98 2.08 -11.34	27.92 2.47 0.00	27.79 2.29 0.00
ASTORIA_GT_12 24226	34.45 2.42 0.00	35.93 2.45 0.00	32.25 2.12 0.00	28.22 1.86 0.00	30.00 1.94 0.00	29.78 1.93 0.00	26.72 1.86 0.00	25.56 1.84 0.00	28.41 2.09 0.00	31.11 2.53 0.00	32.45 2.79 0.00	47.03 3.88 -3.02	38.97 3.33 0.00	71.07 2.43 -43.06	148.24 1.35 -132.89	108.00 0.74 -99.69	76.12 0.51 -70.27	82.06 0.66 -74.54	47.66 1.51 -30.54	40.26 1.89 -18.48	61.09 2.09 -36.48	35.98 2.08 -11.34	27.92 2.47 0.00	27.79 2.29 0.00
ASTORIA_GT_13 24227	34.45 2.42 0.00	35.93 2.45 0.00	32.25 2.12 0.00	28.22 1.86 0.00	30.00 1.94 0.00	29.78 1.93 0.00	26.72 1.86 0.00	25.56 1.84 0.00	28.41 2.09 0.00	31.11 2.53 0.00	32.45 2.79 0.00	47.03 3.88 -3.02	38.97 3.33 0.00	71.07 2.43 -43.06	148.24 1.35 -132.89	108.00 0.74 -99.69	76.12 0.51 -70.27	82.06 0.66 -74.54	47.66 1.51 -30.54	40.26 1.89 -18.48	61.09 2.09 -36.48	35.98 2.08 -11.34	27.92 2.47 0.00	27.79 2.29 0.00
ASTORIA_GT_5 24106	34.45 2.42 0.00	35.93 2.46 0.00	32.28 2.15 0.00	28.27 1.90 0.00	30.04 1.97 0.00	29.83 1.97 0.00	26.78 1.92 0.00	25.62 1.90 0.00	28.45 2.13 0.00	31.14 2.56 0.00	32.42 2.76 0.00	47.01 3.86 -3.02	39.00 3.35 0.00	71.07 2.43 -43.06	148.25 1.35 -132.89	108.00 0.75 -99.69	76.13 0.52 -70.27	82.06 0.66 -74.54	47.68 1.53 -30.54	40.30 1.92 -18.48	61.14 2.14 -36.48	36.02 2.12 -11.34	27.95 2.51 0.00	27.82 2.32 0.00
ASTORIA_GT_7 24107	34.45 2.42 0.00	35.93 2.46 0.00	32.28 2.15 0.00	28.27 1.90 0.00	30.04 1.97 0.00	29.83 1.97 0.00	26.78 1.92 0.00	25.62 1.90 0.00	28.45 2.13 0.00	31.14 2.56 0.00	32.42 2.76 0.00	47.01 3.86 -3.02	39.00 3.35 0.00	71.07 2.43 -43.06	148.25 1.35 -132.89	108.00 0.75 -99.69	76.13 0.52 -70.27	82.06 0.66 -74.54	47.68 1.53 -30.54	40.30 1.92 -18.48	61.14 2.14 -36.48	36.02 2.12 -11.34	27.95 2.51 0.00	27.82 2.32 0.00
ASTORIA_GT_8 24108	34.45 2.42 0.00	35.93 2.46 0.00	32.28 2.15 0.00	28.27 1.90 0.00	30.04 1.97 0.00	29.83 1.97 0.00	26.78 1.92 0.00	25.62 1.90 0.00	28.45 2.13 0.00	31.14 2.56 0.00	32.42 2.76 0.00	47.01 3.86 -3.02	39.00 3.35 0.00	71.07 2.43 -43.06	148.25 1.35 -132.89	108.00 0.75 -99.69	76.13 0.52 -70.27	82.06 0.66 -74.54	47.68 1.53 -30.54	40.30 1.92 -18.48	61.14 2.14 -36.48	36.02 2.12 -11.34	27.95 2.51 0.00	27.82 2.32 0.00
ASTORIA___2 24149	34.39 2.35 0.00	35.86 2.39 0.00	32.21 2.08 0.00	28.21 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.39 2.07 0.00	31.08 2.49 0.00	32.35 2.69 0.00	46.91 3.76 -3.02	38.91 3.26 0.00	71.01 2.36 -43.06	148.21 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.05 0.65 -74.54	47.64 1.49 -30.54	40.25 1.88 -18.48	61.08 2.08 -36.48	35.96 2.06 -11.34	27.89 2.45 0.00	27.76 2.27 0.00
ASTORIA___3 23516	34.45 2.42 0.00	35.92 2.45 0.00	32.24 2.11 0.00	28.22 1.86 0.00	30.00 1.94 0.00	29.78 1.93 0.00	26.72 1.85 0.00	25.56 1.84 0.00	28.41 2.08 0.00	31.11 2.53 0.00	32.45 2.79 0.00	47.03 3.88 -3.02	38.97 3.33 0.00	71.07 2.43 -43.06	148.24 1.35 -132.89	108.00 0.74 -99.69	76.12 0.51 -70.27	82.06 0.66 -74.54	47.66 1.51 -30.54	40.27 1.90 -18.48	61.09 2.09 -36.48	35.98 2.08 -11.34	27.92 2.47 0.00	27.79 2.29 0.00
ASTORIA___4 23517	34.45 2.42 0.00	35.93 2.45 0.00	32.25 2.12 0.00	28.22 1.86 0.00	30.00 1.94 0.00	29.78 1.93 0.00	26.72 1.86 0.00	25.56 1.84 0.00	28.41 2.09 0.00	31.11 2.53 0.00	32.45 2.79 0.00	47.03 3.88 -3.02	38.97 3.33 0.00	71.07 2.43 -43.06	148.24 1.35 -132.89	108.00 0.74 -99.69	76.12 0.51 -70.27	82.06 0.66 -74.54	47.66 1.51 -30.54	40.26 1.89 -18.48	61.09 2.09 -36.48	35.98 2.08 -11.34	27.92 2.47 0.00	27.79 2.29 0.00
ASTORIA___5 23518	34.45 2.42 0.00	35.92 2.45 0.00	32.24 2.11 0.00	28.22 1.86 0.00	30.00 1.94 0.00	29.78 1.93 0.00	26.72 1.85 0.00	25.56 1.84 0.00	28.41 2.08 0.00	31.11 2.53 0.00	32.45 2.79 0.00	47.03 3.88 -3.02	38.97 3.33 0.00	71.07 2.43 -43.06	148.24 1.35 -132.89	108.00 0.74 -99.69	76.12 0.51 -70.27	82.06 0.66 -74.54	47.66 1.51 -30.54	40.27 1.90 -18.48	61.09 2.09 -36.48	35.98 2.08 -11.34	27.92 2.47 0.00	27.79 2.29 0.00
AST_ENERGY_2_CC3 323677	34.31 2.27 0.00	35.79 2.31 0.00	32.12 1.99 0.00	28.11 1.74 0.00	29.88 1.82 0.00	29.67 1.82 0.00	26.61 1.74 0.00	25.47 1.74 0.00	28.29 1.97 0.00	30.98 2.39 0.00	32.32 2.65 0.00	46.87 3.72 -3.02	38.79 3.14 0.00	70.96 2.31 -43.06	148.20 1.29 -132.90	107.98 0.71 -99.70	76.11 0.49 -70.28	82.02 0.62 -74.54	47.58 1.43 -30.54	40.16 1.79 -18.48	60.97 1.97 -36.48	35.87 1.97 -11.34	27.78 2.34 0.00	27.66 2.16 0.00
AST_ENERGY_2_CC4 323678	34.31 2.27 0.00	35.79 2.31 0.00	32.12 1.99 0.00	28.11 1.74 0.00	29.88 1.82 0.00	29.67 1.82 0.00	26.61 1.74 0.00	25.47 1.74 0.00	28.29 1.97 0.00	30.98 2.39 0.00	32.32 2.65 0.00	46.87 3.72 -3.02	38.79 3.14 0.00	70.96 2.31 -43.06	148.20 1.29 -132.90	107.98 0.71 -99.70	76.11 0.49 -70.28	82.02 0.62 -74.54	47.58 1.43 -30.54	40.16 1.79 -18.48	60.97 1.97 -36.48	35.87 1.97 -11.34	27.78 2.34 0.00	27.66 2.16 0.00

ATHENS_STG_1 23668	33.19 1.16 0.00	34.70 1.23 0.00	31.22 1.09 0.00	27.35 0.98 0.00	29.07 1.00 0.00	28.87 1.01 0.00	25.82 0.96 0.00	24.67 0.94 0.00	27.36 1.04 0.00	29.80 1.22 0.00	31.01 1.34 0.00	42.71 1.94 -0.65	37.25 1.60 0.00	33.06 1.20 -6.27	48.11 0.67 -33.43	47.44 0.37 -39.50	33.32 0.25 -27.73	37.41 0.33 -30.22	27.27 0.73 -10.92	23.27 0.91 -2.47	24.02 1.01 -0.49	23.55 0.99 0.00	26.54 1.10 0.00	26.54 1.05 0.00
ATHENS_STG_2 23670	33.19 1.16 0.00	34.70 1.23 0.00	31.22 1.09 0.00	27.35 0.98 0.00	29.07 1.00 0.00	28.87 1.01 0.00	25.82 0.96 0.00	24.67 0.94 0.00	27.36 1.04 0.00	29.80 1.22 0.00	31.01 1.34 0.00	42.71 1.94 -0.65	37.25 1.60 0.00	33.06 1.20 -6.27	48.11 0.67 -33.43	47.44 0.37 -39.50	33.32 0.25 -27.73	37.41 0.33 -30.22	27.27 0.73 -10.92	23.27 0.91 -2.47	24.02 1.01 -0.49	23.55 0.99 0.00	26.54 1.10 0.00	26.54 1.05 0.00
ATHENS_STG_3 23677	33.19 1.16 0.00	34.70 1.23 0.00	31.22 1.09 0.00	27.35 0.98 0.00	29.07 1.00 0.00	28.87 1.01 0.00	25.82 0.96 0.00	24.67 0.94 0.00	27.36 1.04 0.00	29.80 1.22 0.00	31.01 1.34 0.00	42.71 1.94 -0.65	37.25 1.60 0.00	33.06 1.20 -6.27	48.11 0.67 -33.43	47.44 0.37 -39.50	33.32 0.25 -27.73	37.41 0.33 -30.22	27.27 0.73 -10.92	23.27 0.91 -2.47	24.02 1.01 -0.49	23.55 0.99 0.00	26.54 1.10 0.00	26.54 1.05 0.00
AUBURN___LFGE 323710	32.22 0.19 0.00	33.69 0.22 0.00	30.35 0.22 0.00	26.59 0.23 0.00	28.24 0.18 0.00	28.11 0.26 0.00	25.08 0.21 0.00	23.78 0.05 0.00	26.42 0.10 0.00	28.69 0.11 0.00	29.86 0.19 0.00	40.29 0.02 -0.15	35.69 0.04 0.00	25.80 0.07 -0.14	13.97 -0.04 0.00	7.56 -0.01 0.00	5.34 0.00 0.00	6.86 0.00 0.00	15.60 -0.01 0.00	19.97 0.08 0.00	22.54 0.01 0.00	22.56 0.00 0.00	25.36 -0.08 0.00	25.42 -0.08 0.00
BABYLON_RES_REC 323704	34.76 2.72 0.00	36.29 2.81 0.00	32.62 2.49 0.00	30.14 2.21 -1.56	30.36 2.30 0.00	30.08 2.23 0.00	33.59 2.17 -6.56	36.71 2.12 -10.86	36.76 2.40 -8.04	36.22 2.83 -4.81	38.26 3.09 -5.50	58.15 4.21 -13.81	91.32 3.75 -51.93	72.39 2.68 -44.11	148.75 1.42 -133.32	107.87 0.77 -99.53	75.65 0.54 -69.78	81.41 0.70 -73.86	47.24 1.53 -30.10	39.80 1.80 -18.10	59.99 1.93 -35.52	36.62 2.09 -11.98	28.14 2.69 0.00	29.23 2.59 -1.16
BABYLON__69_KV_BK2 356345	35.11 3.07 0.00	36.64 3.17 0.00	32.95 2.82 0.00	30.43 2.50 -1.56	30.65 2.60 0.00	30.38 2.53 0.00	33.85 2.43 -6.56	36.98 2.38 -10.86	37.06 2.70 -8.04	36.56 3.17 -4.81	38.63 3.47 -5.50	58.66 4.73 -13.81	91.83 4.26 -51.93	72.76 3.06 -44.11	148.93 1.60 -133.32	107.63 0.86 -99.20	75.27 0.60 -69.33	80.93 0.78 -73.28	47.12 1.73 -29.78	39.81 2.04 -17.87	59.66 2.18 -34.96	36.72 2.35 -11.82	28.44 3.00 0.00	29.54 2.89 -1.15
BALL_HILL_WT_PWR 323825	30.73 -1.31 0.00	32.01 -1.47 0.00	28.80 -1.33 0.00	25.22 -1.15 0.00	27.03 -1.03 0.00	27.01 -0.84 0.00	24.00 -0.86 0.00	22.74 -0.98 0.00	25.23 -1.09 0.00	27.69 -0.89 0.00	28.63 -1.03 0.00	36.94 -2.12 1.08	33.26 -2.35 0.04	23.16 -1.39 1.04	13.13 -0.86 0.02	7.07 -0.46 0.04	5.06 -0.28 0.00	6.54 -0.33 0.00	14.74 -0.87 0.00	18.90 -0.99 0.00	21.40 -1.13 0.00	21.36 -1.21 0.00	24.18 -1.27 0.00	24.16 -1.33 0.00
BARON_WINDS___WT_PWR 323822	30.73 -1.31 0.00	31.90 -1.57 0.00	28.78 -1.35 0.00	25.39 -0.98 0.00	27.35 -0.71 0.00	26.91 -0.94 0.00	24.13 -0.74 0.00	23.11 -0.62 0.00	25.74 -0.58 0.00	28.13 -0.45 0.00	29.16 -0.51 0.00	32.66 -1.49 5.98	33.54 -1.90 0.20	18.53 -1.29 5.78	13.09 -0.80 0.11	6.87 -0.48 0.22	5.01 -0.33 0.00	6.47 -0.39 0.00	14.76 -0.85 0.00	19.03 -0.86 0.00	21.53 -1.00 0.00	21.48 -1.08 0.00	24.25 -1.19 0.00	24.37 -1.13 0.00
BARRETT_IC_1 23704	34.63 2.59 0.00	36.15 2.68 0.00	32.47 2.34 0.00	30.00 2.07 -1.56	30.20 2.15 0.00	29.97 2.12 0.00	33.45 2.03 -6.56	36.59 1.99 -10.86	36.60 2.24 -8.04	36.08 2.68 -4.81	38.15 2.98 -5.50	58.07 4.13 -13.81	91.04 3.47 -51.93	72.17 2.47 -44.11	148.68 1.36 -133.32	108.44 0.75 -100.12	76.43 0.51 -70.58	82.39 0.66 -74.87	47.74 1.46 -30.66	40.14 1.73 -18.52	60.92 1.87 -36.52	36.81 2.00 -12.26	28.02 2.58 0.00	29.09 2.45 -1.16
BARRETT_IC_10 23701	34.63 2.59 0.00	36.15 2.68 0.00	32.47 2.34 0.00	30.00 2.07 -1.56	30.20 2.15 0.00	29.97 2.12 0.00	33.45 2.03 -6.56	36.59 1.99 -10.86	36.60 2.24 -8.04	36.08 2.68 -4.81	38.15 2.98 -5.50	58.07 4.13 -13.81	91.04 3.47 -51.93	72.17 2.47 -44.11	148.68 1.36 -133.32	108.44 0.75 -100.12	76.43 0.51 -70.58	82.39 0.66 -74.87	47.74 1.46 -30.66	40.14 1.73 -18.52	60.92 1.87 -36.52	36.81 2.00 -12.26	28.02 2.58 0.00	29.09 2.45 -1.16
BARRETT_IC_11 23702	34.63 2.59 0.00	36.15 2.68 0.00	32.47 2.34 0.00	30.00 2.07 -1.56	30.20 2.15 0.00	29.97 2.12 0.00	33.45 2.03 -6.56	36.59 1.99 -10.86	36.60 2.24 -8.04	36.08 2.68 -4.81	38.15 2.98 -5.50	58.07 4.13 -13.81	91.04 3.47 -51.93	72.17 2.47 -44.11	148.68 1.36 -133.32	108.44 0.75 -100.12	76.43 0.51 -70.58	82.39 0.66 -74.87	47.74 1.46 -30.66	40.14 1.73 -18.52	60.92 1.87 -36.52	36.81 2.00 -12.26	28.02 2.58 0.00	29.09 2.45 -1.16
BARRETT_IC_12 23703	34.63 2.59 0.00	36.15 2.68 0.00	32.47 2.34 0.00	30.00 2.07 -1.56	30.20 2.15 0.00	29.97 2.12 0.00	33.45 2.03 -6.56	36.59 1.99 -10.86	36.60 2.24 -8.04	36.08 2.68 -4.81	38.15 2.98 -5.50	58.07 4.13 -13.81	91.04 3.47 -51.93	72.17 2.47 -44.11	148.68 1.36 -133.32	108.44 0.75 -100.12	76.43 0.51 -70.58	82.39 0.66 -74.87	47.74 1.46 -30.66	40.14 1.73 -18.52	60.92 1.87 -36.52	36.81 2.00 -12.26	28.02 2.58 0.00	29.09 2.45 -1.16
BARRETT_IC_2 23705	34.63 2.59 0.00	36.15 2.68 0.00	32.47 2.34 0.00	30.00 2.07 -1.56	30.20 2.15 0.00	29.97 2.12 0.00	33.45 2.03 -6.56	36.59 1.99 -10.86	36.60 2.24 -8.04	36.08 2.68 -4.81	38.15 2.98 -5.50	58.07 4.13 -13.81	91.04 3.47 -51.93	72.17 2.47 -44.11	148.68 1.36 -133.32	108.44 0.75 -100.12	76.43 0.51 -70.58	82.39 0.66 -74.87	47.74 1.46 -30.66	40.14 1.73 -18.52	60.92 1.87 -36.52	36.81 2.00 -12.26	28.02 2.58 0.00	29.09 2.45 -1.16
BARRETT_IC_3 23706	34.63 2.59 0.00	36.15 2.68 0.00	32.47 2.34 0.00	30.00 2.07 -1.56	30.20 2.15 0.00	29.97 2.12 0.00	33.45 2.03 -6.56	36.59 1.99 -10.86	36.60 2.24 -8.04	36.08 2.68 -4.81	38.15 2.98 -5.50	58.07 4.13 -13.81	91.04 3.47 -51.93	72.17 2.47 -44.11	148.68 1.36 -133.32	108.44 0.75 -100.12	76.43 0.51 -70.58	82.39 0.66 -74.87	47.74 1.46 -30.66	40.14 1.73 -18.52	60.92 1.87 -36.52	36.81 2.00 -12.26	28.02 2.58 0.00	29.09 2.45 -1.16
BARRETT_IC_4 23707	34.63 2.59 0.00	36.15 2.68 0.00	32.47 2.34 0.00	30.00 2.07 -1.56	30.20 2.15 0.00	29.97 2.12 0.00	33.45 2.03 -6.56	36.59 1.99 -10.86	36.60 2.24 -8.04	36.08 2.68 -4.81	38.15 2.98 -5.50	58.07 4.13 -13.81	91.04 3.47 -51.93	72.17 2.47 -44.11	148.68 1.36 -133.32	108.44 0.75 -100.12	76.43 0.51 -70.58	82.39 0.66 -74.87	47.74 1.46 -30.66	40.14 1.73 -18.52	60.92 1.87 -36.52	36.81 2.00 -12.26	28.02 2.58 0.00	29.09 2.45 -1.16

BARRETT_IC_5 23708	34.63 2.59 0.00	36.15 2.68 0.00	32.47 2.34 0.00	30.00 2.07 -1.56	30.20 2.15 0.00	29.97 2.12 0.00	33.45 2.03 -6.56	36.59 1.99 -10.86	36.60 2.24 -8.04	36.08 2.68 -4.81	38.15 2.98 -5.50	58.07 4.13 -13.81	91.04 3.47 -51.93	72.17 2.47 -44.11	148.68 1.36 -133.32	108.44 0.75 -100.12	76.43 0.51 -70.58	82.39 0.66 -74.87	47.74 1.46 -30.66	40.14 1.73 -18.52	60.92 1.87 -36.52	36.81 2.00 -12.26	28.02 2.58 0.00	29.09 2.45 -1.16
BARRETT_IC_6 23709	34.63 2.59 0.00	36.15 2.68 0.00	32.47 2.34 0.00	30.00 2.07 -1.56	30.20 2.15 0.00	29.97 2.12 0.00	33.45 2.03 -6.56	36.59 1.99 -10.86	36.60 2.24 -8.04	36.08 2.68 -4.81	38.15 2.98 -5.50	58.07 4.13 -13.81	91.04 3.47 -51.93	72.17 2.47 -44.11	148.68 1.36 -133.32	108.44 0.75 -100.12	76.43 0.51 -70.58	82.39 0.66 -74.87	47.74 1.46 -30.66	40.14 1.73 -18.52	60.92 1.87 -36.52	36.81 2.00 -12.26	28.02 2.58 0.00	29.09 2.45 -1.16
BARRETT_IC_7 23710	34.63 2.59 0.00	36.16 2.68 0.00	32.47 2.34 0.00	30.00 2.07 -1.56	30.20 2.15 0.00	29.97 2.12 0.00	33.45 2.03 -6.56	36.59 2.00 -10.86	36.07 2.24 -8.04	36.08 2.68 -4.81	38.15 2.98 -5.50	58.07 4.13 -13.81	91.04 3.47 -51.93	72.17 2.47 -44.11	148.69 1.36 -133.32	108.44 0.75 -100.12	76.43 0.51 -70.58	82.39 0.66 -74.87	47.74 1.47 -30.66	40.16 1.74 -18.52	60.92 1.87 -36.52	36.81 2.00 -12.26	28.02 2.58 0.00	29.09 2.45 -1.15
BARRETT_IC_8 23711	34.63 2.59 0.00	36.15 2.68 0.00	32.47 2.34 0.00	30.00 2.07 -1.56	30.20 2.15 0.00	29.97 2.12 0.00	33.45 2.03 -6.56	36.59 1.99 -10.86	36.60 2.24 -8.04	36.08 2.68 -4.81	38.15 2.98 -5.50	58.07 4.13 -13.81	91.04 3.47 -51.93	72.17 2.47 -44.11	148.68 1.36 -133.32	108.44 0.75 -100.12	76.43 0.51 -70.58	82.39 0.66 -74.87	47.74 1.46 -30.66	40.14 1.73 -18.52	60.92 1.87 -36.52	36.81 2.00 -12.26	28.02 2.58 0.00	29.09 2.45 -1.16
BARRETT_IC_9 23700	34.63 2.59 0.00	36.15 2.68 0.00	32.47 2.34 0.00	30.00 2.07 -1.56	30.20 2.15 0.00	29.97 2.12 0.00	33.45 2.03 -6.56	36.59 1.99 -10.86	36.60 2.24 -8.04	36.08 2.68 -4.81	38.15 2.98 -5.50	58.07 4.13 -13.81	91.04 3.47 -51.93	72.17 2.47 -44.11	148.68 1.36 -133.32	108.44 0.75 -100.12	76.43 0.51 -70.58	82.39 0.66 -74.87	47.74 1.46 -30.66	40.14 1.73 -18.52	60.92 1.87 -36.52	36.81 2.00 -12.26	28.02 2.58 0.00	29.09 2.45 -1.16
BARRETT___1 23545	34.63 2.59 0.00	36.15 2.68 0.00	32.47 2.34 0.00	30.00 2.07 -1.56	30.20 2.15 0.00	29.97 2.12 0.00	33.45 2.03 -6.56	36.59 1.99 -10.86	36.60 2.24 -8.04	36.08 2.68 -4.81	38.15 2.98 -5.50	58.07 4.13 -13.81	91.04 3.47 -51.93	72.17 2.47 -44.11	148.68 1.36 -133.32	108.44 0.75 -100.12	76.43 0.51 -70.58	82.39 0.66 -74.87	47.74 1.46 -30.66	40.14 1.73 -18.52	60.92 1.87 -36.52	36.81 2.00 -12.26	28.02 2.58 0.00	29.09 2.45 -1.16
BARRETT___2 23546	34.63 2.59 0.00	36.15 2.68 0.00	32.47 2.34 0.00	30.00 2.07 -1.56	30.20 2.15 0.00	29.97 2.12 0.00	33.45 2.03 -6.56	36.59 1.99 -10.86	36.60 2.24 -8.04	36.08 2.68 -4.81	38.15 2.98 -5.50	58.07 4.13 -13.81	91.04 3.47 -51.93	72.17 2.47 -44.11	148.68 1.36 -133.32	108.44 0.75 -100.12	76.43 0.51 -70.58	82.39 0.66 -74.87	47.74 1.46 -30.66	40.14 1.73 -18.52	60.92 1.87 -36.52	36.81 2.00 -12.26	28.02 2.58 0.00	29.09 2.45 -1.16
BATAVIA__115KV_TB1 55881	31.66 -0.37 0.00	32.94 -0.54 0.00	29.70 -0.43 0.00	25.99 -0.38 0.00	27.81 -0.25 0.00	27.61 -0.24 0.00	24.44 -0.43 0.00	22.95 -0.78 0.00	25.41 -0.92 0.00	27.90 -0.68 0.00	28.86 -0.81 0.00	37.87 -1.71 0.55	33.79 -1.84 0.02	24.00 -1.06 0.53	13.34 -0.65 0.01	7.21 -0.34 0.02	5.15 -0.18 0.00	6.68 -0.18 0.00	15.10 -0.51 0.00	19.35 -0.55 0.00	21.84 -0.68 0.00	21.83 -0.73 0.00	24.52 -0.92 0.00	24.42 -1.08 0.00
BAYONEEC___CTG1 323682	34.38 2.34 0.00	35.86 2.38 0.00	32.19 2.05 0.00	28.16 1.79 0.00	29.95 1.89 0.00	29.73 1.88 0.00	26.66 1.79 0.00	25.51 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.37 2.70 0.00	46.92 3.77 -3.02	38.84 3.19 0.00	66.87 2.33 -38.95	134.99 1.29 -119.69	86.04 0.71 -77.76	76.11 0.49 -70.28	82.03 0.62 -74.54	47.60 1.45 -30.54	40.19 1.82 -18.48	61.02 2.01 -36.48	35.89 1.99 -11.34	27.83 2.38 0.00	27.71 2.22 0.00
BAYONEEC___CTG10 323750	34.38 2.34 0.00	35.86 2.38 0.00	32.19 2.05 0.00	28.16 1.79 0.00	29.95 1.89 0.00	29.73 1.88 0.00	26.66 1.79 0.00	25.51 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.37 2.70 0.00	46.92 3.77 -3.02	38.84 3.19 0.00	66.87 2.33 -38.95	134.99 1.29 -119.69	86.04 0.71 -77.76	76.11 0.49 -70.28	82.03 0.62 -74.54	47.60 1.45 -30.54	40.19 1.82 -18.48	61.02 2.01 -36.48	35.89 1.99 -11.34	27.83 2.38 0.00	27.71 2.22 0.00
BAYONEEC___CTG2 323683	34.38 2.34 0.00	35.86 2.38 0.00	32.19 2.05 0.00	28.16 1.79 0.00	29.95 1.89 0.00	29.73 1.88 0.00	26.66 1.79 0.00	25.51 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.37 2.70 0.00	46.92 3.77 -3.02	38.84 3.19 0.00	66.87 2.33 -38.95	134.99 1.29 -119.69	86.04 0.71 -77.76	76.11 0.49 -70.28	82.03 0.62 -74.54	47.60 1.45 -30.54	40.19 1.82 -18.48	61.02 2.01 -36.48	35.89 1.99 -11.34	27.83 2.38 0.00	27.71 2.22 0.00
BAYONEEC___CTG3 323684	34.38 2.34 0.00	35.86 2.38 0.00	32.19 2.05 0.00	28.16 1.79 0.00	29.95 1.89 0.00	29.73 1.88 0.00	26.66 1.79 0.00	25.51 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.37 2.70 0.00	46.92 3.77 -3.02	38.84 3.19 0.00	66.87 2.33 -38.95	134.99 1.29 -119.69	86.04 0.71 -77.76	76.11 0.49 -70.28	82.03 0.62 -74.54	47.60 1.45 -30.54	40.19 1.82 -18.48	61.02 2.01 -36.48	35.89 1.99 -11.34	27.83 2.38 0.00	27.71 2.22 0.00
BAYONEEC___CTG4 323685	34.38 2.34 0.00	35.86 2.38 0.00	32.19 2.05 0.00	28.16 1.79 0.00	29.95 1.89 0.00	29.73 1.88 0.00	26.66 1.79 0.00	25.51 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.37 2.70 0.00	46.92 3.77 -3.02	38.84 3.19 0.00	66.87 2.33 -38.95	134.99 1.29 -119.69	86.04 0.71 -77.76	76.11 0.49 -70.28	82.03 0.62 -74.54	47.60 1.45 -30.54	40.19 1.82 -18.48	61.02 2.01 -36.48	35.89 1.99 -11.34	27.83 2.38 0.00	27.71 2.22 0.00
BAYONEEC___CTG5 323686	34.38 2.34 0.00	35.86 2.38 0.00	32.19 2.05 0.00	28.16 1.79 0.00	29.95 1.89 0.00	29.73 1.88 0.00	26.66 1.79 0.00	25.51 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.37 2.70 0.00	46.92 3.77 -3.02	38.84 3.19 0.00	66.87 2.33 -38.95	134.99 1.29 -119.69	86.04 0.71 -77.76	76.11 0.49 -70.28	82.03 0.62 -74.54	47.60 1.45 -30.54	40.19 1.82 -18.48	61.02 2.01 -36.48	35.89 1.99 -11.34	27.83 2.38 0.00	27.71 2.22 0.00
BAYONEEC___CTG6 323687	34.38 2.34 0.00	35.86 2.38 0.00	32.19 2.05 0.00	28.16 1.79 0.00	29.95 1.89 0.00	29.73 1.88 0.00	26.66 1.79 0.00	25.51 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.37 2.70 0.00	46.92 3.77 -3.02	38.84 3.19 0.00	66.87 2.33 -38.95	134.99 1.29 -119.69	86.04 0.71 -77.76	76.11 0.49 -70.28	82.03 0.62 -74.54	47.60 1.45 -30.54	40.19 1.82 -18.48	61.02 2.01 -36.48	35.89 1.99 -11.34	27.83 2.38 0.00	27.71 2.22 0.00

BAYONEEC___CTG7 323688	34.38 2.34 0.00	35.86 2.38 0.00	32.19 2.05 0.00	28.16 1.79 0.00	29.95 1.89 0.00	29.73 1.88 0.00	26.66 1.79 0.00	25.51 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.37 2.70 0.00	46.92 3.77 -3.02	38.84 3.19 0.00	66.87 2.33 -38.95	134.99 1.29 -119.69	86.04 0.71 -77.76	76.11 0.49 -70.28	82.03 0.62 -74.54	47.60 1.45 -30.54	40.19 1.82 -18.48	61.02 2.01 -36.48	35.89 1.99 -11.34	27.83 2.38 0.00	27.71 2.22 0.00
BAYONEEC___CTG8 323689	34.38 2.34 0.00	35.86 2.38 0.00	32.19 2.05 0.00	28.16 1.79 0.00	29.95 1.89 0.00	29.73 1.88 0.00	26.66 1.79 0.00	25.51 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.37 2.70 0.00	46.92 3.77 -3.02	38.84 3.19 0.00	66.87 2.33 -38.95	134.99 1.29 -119.69	86.04 0.71 -77.76	76.11 0.49 -70.28	82.03 0.62 -74.54	47.60 1.45 -30.54	40.19 1.82 -18.48	61.02 2.01 -36.48	35.89 1.99 -11.34	27.83 2.38 0.00	27.71 2.22 0.00
BAYONEEC___CTG9 323749	34.38 2.34 0.00	35.86 2.38 0.00	32.19 2.05 0.00	28.16 1.79 0.00	29.95 1.89 0.00	29.73 1.88 0.00	26.66 1.79 0.00	25.51 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.37 2.70 0.00	46.92 3.77 -3.02	38.84 3.19 0.00	66.87 2.33 -38.95	134.99 1.29 -119.69	86.04 0.71 -77.76	76.11 0.49 -70.28	82.03 0.62 -74.54	47.60 1.45 -30.54	40.19 1.82 -18.48	61.02 2.01 -36.48	35.89 1.99 -11.34	27.83 2.38 0.00	27.71 2.22 0.00
BEACON___LESR 323632	33.00 0.97 0.00	34.58 1.11 0.00	31.20 1.07 0.00	27.39 1.02 0.00	29.11 1.05 0.00	28.89 1.04 0.00	25.82 0.95 0.00	24.77 1.04 0.00	27.36 1.04 0.00	29.69 1.10 0.00	30.90 1.24 0.00	42.56 1.93 -0.50	37.23 1.59 0.00	31.25 1.13 -4.53	38.84 0.68 -24.15	36.48 0.38 -28.53	25.63 0.27 -20.03	29.03 0.34 -21.83	24.21 0.71 -7.89	22.61 0.94 -1.78	23.92 1.04 -0.35	23.47 0.90 0.00	26.38 0.94 0.00	26.43 0.94 0.00
BEAVER RIVER___HYD 24048	31.43 -0.60 0.00	32.77 -0.70 0.00	29.42 -0.71 0.00	25.86 -0.50 0.00	27.62 -0.44 0.00	27.40 -0.45 0.00	24.51 -0.36 0.00	23.13 -0.60 0.00	25.68 -0.64 0.00	27.56 -1.02 0.00	28.20 -1.47 0.00	38.04 -2.09 0.00	34.13 -1.52 0.00	24.34 -1.25 0.00	13.22 -0.78 0.00	7.16 -0.41 0.00	5.07 -0.27 0.00	6.49 -0.37 0.00	14.86 -0.75 0.00	19.12 -0.78 0.00	22.23 -0.30 0.00	22.32 -0.24 0.00	24.97 -0.47 0.00	25.06 -0.44 0.00
BEEBEE_GT_13 23619	31.53 -0.50 0.00	32.92 -0.55 0.00	29.67 -0.46 0.00	25.96 -0.40 0.00	27.73 -0.33 0.00	27.52 -0.33 0.00	24.42 -0.44 0.00	23.07 -0.66 0.00	25.62 -0.70 0.00	28.09 -0.50 0.00	29.17 -0.50 0.00	39.03 -1.10 0.00	34.44 -1.21 0.00	24.88 -0.71 0.00	13.57 -0.43 0.00	7.33 -0.23 0.00	5.21 -0.13 0.00	6.73 -0.13 0.00	15.23 -0.38 0.00	19.46 -0.43 0.00	21.93 -0.60 0.00	21.90 -0.66 0.00	24.64 -0.80 0.00	24.60 -0.89 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.78 2.74 0.00	36.26 2.78 0.00	32.54 2.40 0.00	28.46 2.09 0.00	30.25 2.19 0.00	30.03 2.18 0.00	26.92 2.05 0.00	25.75 2.02 0.00	28.62 2.30 0.00	31.41 2.83 0.00	32.78 3.12 0.00	47.44 4.30 -3.02	39.37 3.72 0.00	71.31 2.67 -43.06	148.35 1.46 -132.89	108.05 0.79 -99.69	76.16 0.56 -70.27	82.14 0.74 -74.54	47.84 1.69 -30.54	40.50 2.13 -18.48	61.34 2.33 -36.48	39.97 2.33 -15.08	28.22 2.77 -0.01	28.07 2.58 0.00
BETHLEHEM___GRP 23843	32.46 0.42 0.00	34.05 0.57 0.00	30.86 0.73 0.00	27.09 0.72 0.00	28.75 0.69 0.00	28.55 0.70 0.00	25.56 0.69 0.00	24.42 0.70 0.00	26.89 0.57 0.00	29.16 0.58 0.00	30.33 0.66 0.00	41.71 1.09 -0.49	36.55 0.90 0.00	30.73 0.65 -4.49	38.37 0.41 -23.95	36.10 0.23 -28.30	25.36 0.16 -19.87	28.72 0.20 -21.65	23.86 0.43 -7.83	22.17 0.51 -1.77	23.46 0.58 -0.35	23.10 0.54 0.00	25.96 0.52 0.00	26.03 0.54 0.00
BETHLEHEM___GS1 323560	32.46 0.42 0.00	34.05 0.58 0.00	30.86 0.73 0.00	27.09 0.72 0.00	28.75 0.69 0.00	28.55 0.70 0.00	25.56 0.69 0.00	24.42 0.70 0.00	26.89 0.57 0.00	29.16 0.58 0.00	30.33 0.66 0.00	41.71 1.09 -0.49	36.54 0.90 0.00	30.73 0.65 -4.49	38.37 0.40 -23.95	36.10 0.23 -28.30	25.36 0.16 -19.87	28.72 0.20 -21.65	23.86 0.42 -7.83	22.17 0.51 -1.77	23.46 0.58 -0.35	23.10 0.54 0.00	25.96 0.52 0.00	26.03 0.54 0.00
BETHLEHEM___GS2 323561	32.46 0.42 0.00	34.05 0.58 0.00	30.86 0.73 0.00	27.09 0.72 0.00	28.75 0.69 0.00	28.55 0.70 0.00	25.56 0.69 0.00	24.42 0.70 0.00	26.89 0.57 0.00	29.16 0.58 0.00	30.33 0.66 0.00	41.71 1.09 -0.49	36.54 0.90 0.00	30.73 0.65 -4.49	38.37 0.40 -23.95	36.10 0.23 -28.30	25.36 0.16 -19.87	28.72 0.20 -21.65	23.86 0.42 -7.83	22.17 0.51 -1.77	23.46 0.58 -0.35	23.10 0.54 0.00	25.96 0.52 0.00	26.03 0.54 0.00
BETHLEHEM___GS3 323562	32.46 0.42 0.00	34.05 0.58 0.00	30.86 0.73 0.00	27.09 0.72 0.00	28.75 0.69 0.00	28.55 0.70 0.00	25.56 0.69 0.00	24.42 0.70 0.00	26.89 0.57 0.00	29.16 0.58 0.00	30.33 0.66 0.00	41.71 1.09 -0.49	36.54 0.90 0.00	30.73 0.65 -4.49	38.37 0.40 -23.95	36.10 0.23 -28.30	25.36 0.16 -19.87	28.72 0.20 -21.65	23.86 0.42 -7.83	22.17 0.51 -1.77	23.46 0.58 -0.35	23.10 0.54 0.00	25.96 0.52 0.00	26.03 0.54 0.00
BETHLEHEM___STEEL 23779	30.76 -1.28 0.00	32.00 -1.48 0.00	28.88 -1.25 0.00	25.30 -1.06 0.00	27.12 -0.94 0.00	26.97 -0.88 0.00	23.90 -0.97 0.00	22.52 -1.21 0.00	24.99 -1.34 0.00	27.44 -1.14 0.00	28.45 -1.21 0.00	36.75 -2.33 1.05	33.09 -2.52 0.04	23.03 -1.54 1.02	13.07 -0.92 0.02	7.05 -0.48 0.04	5.05 -0.29 0.00	6.53 -0.33 0.00	14.72 -0.89 0.00	18.89 -1.00 0.00	21.35 -1.18 0.00	21.33 -1.23 0.00	24.06 -1.38 0.00	23.99 -1.51 0.00
BETHLHEM_115KV_TB1 79974	32.55 0.51 0.00	34.12 0.65 0.00	30.90 0.76 0.00	27.11 0.74 0.00	28.78 0.72 0.00	28.58 0.72 0.00	25.58 0.72 0.00	24.44 0.71 0.00	26.95 0.63 0.00	29.23 0.65 0.00	30.39 0.73 0.00	41.79 1.17 -0.49	36.62 0.98 0.00	30.77 0.70 -4.48	38.32 0.43 -23.87	36.02 0.25 -28.21	25.30 0.17 -19.80	28.66 0.22 -21.58	23.87 0.46 -7.80	22.21 0.55 -1.76	23.50 0.63 -0.35	23.15 0.59 0.00	26.03 0.58 0.00	26.09 0.59 0.00
BETHPAGE_CC_5 323564	34.64 2.60 0.00	36.16 2.68 0.00	32.49 2.36 0.00	30.02 2.09 -1.56	30.23 2.17 0.00	29.97 2.12 0.00	33.49 2.07 -6.56	36.62 2.02 -10.86	36.66 2.30 -8.04	36.13 2.74 -4.81	38.17 3.01 -5.50	58.00 4.06 -13.81	91.15 3.58 -51.93	72.26 2.55 -44.11	148.70 1.37 -133.32	108.03 0.75 -99.72	75.89 0.52 -70.03	81.70 0.66 -74.17	47.34 1.45 -30.28	39.84 1.71 -18.24	60.20 1.84 -35.84	36.60 1.97 -12.07	28.02 2.58 0.00	29.10 2.46 -1.16
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.87 -1.17 0.00	32.09 -1.38 0.00	28.96 -1.17 0.00	25.36 -1.00 0.00	27.17 -0.89 0.00	27.04 -0.81 0.00	23.97 -0.90 0.00	22.60 -1.13 0.00	25.07 -1.25 0.00	27.55 -1.03 0.00	28.57 -1.10 0.00	36.97 -2.17 0.99	33.21 -2.40 0.03	23.18 -1.45 0.96	13.12 -0.87 0.02	7.08 -0.45 0.04	5.06 -0.27 0.00	6.55 -0.32 0.00	14.76 -0.85 0.00	18.96 -0.93 0.00	21.41 -1.12 0.00	21.40 -1.16 0.00	24.14 -1.31 0.00	24.06 -1.43 0.00

BINGHAMTON___COGEN 23790	32.15 0.11 0.00	33.51 0.03 0.00	30.13 0.00 0.00	26.43 0.07 0.00	28.18 0.12 0.00	27.99 0.14 0.00	24.95 0.08 0.00	23.84 0.12 0.00	26.49 0.17 0.00	28.92 0.34 0.00	30.02 0.35 0.00	40.49 0.36 0.00	35.78 0.13 0.00	25.83 0.24 0.00	14.07 0.07 0.00	7.59 0.02 0.00	5.35 0.02 0.00	6.89 0.03 0.00	15.66 0.04 0.00	19.98 0.09 0.00	22.55 0.02 0.00	22.55 -0.01 0.00	25.50 0.05 0.00	25.50 0.00 0.00
BIXINCNT_115KV_LOAD 355685	30.82 -1.21 0.00	31.84 -1.64 0.00	28.80 -1.33 0.00	25.08 -1.29 0.00	26.74 -1.32 0.00	27.07 -0.78 0.00	24.06 -0.80 0.00	22.88 -0.84 0.00	25.40 -0.92 0.00	27.94 -0.64 0.00	28.72 -0.95 0.00	37.23 -2.24 0.66	32.79 -2.83 0.02	23.15 -1.80 0.64	12.95 -1.05 0.01	6.96 -0.58 0.03	4.96 -0.37 0.00	6.44 -0.42 0.00	14.56 -1.06 0.00	18.99 -0.90 0.00	21.32 -1.21 0.00	21.46 -1.10 0.00	24.30 -1.15 0.00	24.25 -1.24 0.00
BLACK RIVER___HYD 24047	31.49 -0.55 0.00	32.82 -0.65 0.00	29.49 -0.64 0.00	25.93 -0.43 0.00	27.69 -0.37 0.00	27.51 -0.34 0.00	24.56 -0.30 0.00	23.09 -0.63 0.00	25.70 -0.62 0.00	27.47 -1.12 0.00	28.03 -1.64 0.00	37.90 -2.23 0.00	33.81 -1.84 0.00	24.03 -1.56 0.00	13.07 -0.93 0.00	7.06 -0.51 0.00	5.01 -0.32 0.00	6.42 -0.44 0.00	14.77 -0.84 0.00	19.09 -0.81 0.00	22.26 -0.26 0.00	22.34 -0.21 0.00	24.95 -0.50 0.00	25.05 -0.45 0.00
BLACKRVR_115KV_TB2 79977	31.49 -0.55 0.00	32.83 -0.65 0.00	29.49 -0.64 0.00	25.93 -0.43 0.00	27.69 -0.37 0.00	27.51 -0.34 0.00	24.56 -0.30 0.00	23.09 -0.63 0.00	25.69 -0.63 0.00	27.47 -1.12 0.00	28.03 -1.64 0.00	37.90 -2.23 0.00	33.81 -1.84 0.00	24.03 -1.56 0.00	13.07 -0.93 0.00	7.06 -0.51 0.00	5.01 -0.32 0.00	6.42 -0.44 0.00	14.77 -0.84 0.00	19.09 -0.81 0.00	22.26 -0.26 0.00	22.34 -0.21 0.00	24.95 -0.50 0.00	25.05 -0.44 0.00
BLISS_WT_PWR 323608	30.69 -1.34 0.00	31.65 -1.83 0.00	28.66 -1.47 0.00	24.90 -1.46 0.00	26.52 -1.54 0.00	26.98 -0.87 0.00	24.02 -0.85 0.00	22.86 -0.87 0.00	25.37 -0.95 0.00	27.91 -0.67 0.00	28.64 -1.03 0.00	37.01 -2.46 0.66	32.53 -3.09 0.02	22.95 -1.99 0.64	12.85 -1.15 0.01	6.91 -0.64 0.03	4.93 -0.41 0.00	6.40 -0.46 0.00	14.46 -1.15 0.00	18.96 -0.94 0.00	21.23 -1.29 0.00	21.42 -1.14 0.00	24.24 -1.21 0.00	24.21 -1.29 0.00
BLUESTONE___WT_PWR 323821	31.71 -0.33 0.00	32.99 -0.48 0.00	29.90 -0.23 0.00	26.30 -0.07 0.00	28.17 0.11 0.00	28.31 0.46 0.00	25.13 0.26 0.00	24.04 0.32 0.00	27.42 1.10 0.00	29.90 1.32 0.00	30.92 1.25 0.00	42.00 1.87 0.00	37.21 1.57 0.00	26.67 1.08 0.00	14.05 0.04 0.00	7.50 -0.07 0.00	5.22 -0.11 0.00	6.78 -0.08 0.00	15.45 -0.16 0.00	19.76 -0.14 0.00	22.38 -0.15 0.00	22.93 0.37 0.00	25.79 0.34 0.00	25.54 0.04 0.00
BLUE_CIRC_CHEM_DRP 24182	32.85 0.81 0.00	34.40 0.93 0.00	31.08 0.95 0.00	27.28 0.91 0.00	28.98 0.92 0.00	28.77 0.92 0.00	25.72 0.86 0.00	24.53 0.80 0.00	27.09 0.77 0.00	29.33 0.75 0.00	30.43 0.76 0.00	41.88 1.30 -0.45	36.76 1.12 0.00	30.79 0.69 -4.51	38.48 0.45 -24.02	36.23 0.27 -28.39	25.44 0.18 -19.93	28.83 0.25 -21.72	23.97 0.51 -7.85	22.33 0.66 -1.77	23.66 0.78 -0.35	23.31 0.75 0.00	26.20 0.76 0.00	26.26 0.77 0.00
BOC_GAS_DRP 24189	32.75 0.71 0.00	34.29 0.81 0.00	30.92 0.79 0.00	27.12 0.75 0.00	28.81 0.75 0.00	28.60 0.75 0.00	25.59 0.72 0.00	24.43 0.71 0.00	27.03 0.71 0.00	29.38 0.80 0.00	30.54 0.87 0.00	41.93 1.33 -0.48	36.74 1.10 0.00	30.78 0.80 -4.39	37.90 0.47 -23.42	35.50 0.26 -27.67	24.94 0.18 -19.42	28.26 0.23 -21.17	23.77 0.51 -7.65	22.24 0.62 -1.73	23.57 0.70 -0.34	23.25 0.68 0.00	26.17 0.72 0.00	26.20 0.71 0.00
BOONVILLE_115KV_TB1 79983	32.29 0.26 0.00	33.70 0.22 0.00	30.30 0.17 0.00	26.59 0.22 0.00	28.33 0.28 0.00	28.10 0.25 0.00	25.13 0.27 0.00	23.86 0.13 0.00	26.47 0.15 0.00	28.66 0.08 0.00	29.56 -0.10 0.00	39.93 -0.20 0.00	35.62 -0.02 0.00	25.56 -0.03 0.00	13.93 -0.08 0.00	7.53 -0.03 0.00	5.31 -0.02 0.00	6.82 -0.04 0.00	15.54 -0.07 0.00	19.92 0.03 0.00	22.82 0.29 0.00	22.87 0.31 0.00	25.68 0.23 0.00	25.71 0.22 0.00
BORALEX_4TH_BRANCH 23824	33.35 1.31 0.00	35.17 1.69 0.00	31.73 1.60 0.00	27.88 1.51 0.00	29.58 1.52 0.00	29.40 1.55 0.00	26.21 1.35 0.00	25.07 1.34 0.00	27.75 1.43 0.00	30.15 1.57 0.00	31.32 1.66 0.00	43.19 2.48 -0.57	37.76 2.11 0.00	32.06 1.53 -4.95	41.29 0.92 -26.36	39.23 0.51 -31.15	27.55 0.35 -21.87	31.11 0.42 -23.83	25.14 0.91 -8.61	22.95 1.11 -1.95	24.36 1.44 -0.38	23.97 1.41 0.00	26.88 1.44 0.00	27.02 1.53 0.00
BOWLINE___1 23526	33.97 1.93 0.00	35.47 2.00 0.00	31.83 1.70 0.00	27.86 1.49 0.00	29.61 1.55 0.00	29.41 1.56 0.00	26.35 1.48 0.00	25.18 1.45 0.00	27.98 1.66 0.00	30.60 2.02 0.00	31.92 2.26 0.00	38.55 3.18 4.76	38.33 2.69 0.00	95.37 2.05 -67.72	210.27 1.16 -195.10	137.96 0.64 -129.75	96.33 0.45 -90.55	102.60 0.57 -95.17	57.32 1.30 -40.40	49.96 1.60 -28.46	84.72 1.75 -60.45	43.22 1.71 -18.94	27.48 2.03 0.00	27.39 1.90 0.00
BOWLINE___2 23595	33.97 1.93 0.00	35.47 2.00 0.00	31.83 1.70 0.00	27.86 1.49 0.00	29.61 1.55 0.00	29.41 1.56 0.00	26.35 1.48 0.00	25.18 1.46 0.00	27.98 1.66 0.00	30.60 2.02 0.00	31.92 2.26 0.00	38.55 3.18 4.76	38.33 2.69 0.00	95.60 2.05 -67.96	210.50 1.16 -195.33	137.62 0.64 -129.41	96.09 0.45 -90.31	102.32 0.57 -94.88	57.25 1.30 -40.34	50.06 1.60 -28.57	85.07 1.75 -60.80	43.33 1.71 -19.06	27.48 2.03 0.00	27.39 1.90 0.00
BRADY___115KV_TB2 356060	31.77 -0.27 0.00	33.13 -0.34 0.00	29.75 -0.38 0.00	25.98 -0.38 0.00	27.70 -0.35 0.00	27.49 -0.36 0.00	24.51 -0.35 0.00	23.36 -0.36 0.00	25.94 -0.38 0.00	27.92 -0.67 0.00	28.73 -0.93 0.00	38.83 -1.30 0.00	34.87 -0.78 0.00	24.92 -0.67 0.00	13.65 -0.35 0.00	7.35 -0.21 0.00	5.19 -0.15 0.00	6.71 -0.15 0.00	15.37 -0.25 0.00	19.63 -0.26 0.00	22.44 -0.09 0.00	22.51 -0.05 0.00	25.32 -0.12 0.00	25.29 -0.21 0.00
BRANSCOMB___SOLAR 323811	33.89 1.85 0.00	35.46 1.99 0.00	31.91 1.78 0.00	28.01 1.64 0.00	29.75 1.70 0.00	29.56 1.71 0.00	26.41 1.54 0.00	25.24 1.51 0.00	28.04 1.72 0.00	30.35 1.77 0.00	31.44 1.78 0.00	43.23 2.62 -0.48	37.81 2.17 0.00	31.40 1.56 -4.25	37.52 0.86 -22.65	34.79 0.46 -26.76	24.44 0.32 -18.78	27.75 0.41 -20.47	24.02 1.00 -7.40	22.83 1.26 -1.67	24.33 1.47 -0.33	23.98 1.43 0.00	27.04 1.59 0.00	27.14 1.64 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.86 2.82 0.00	36.41 2.93 0.00	32.78 2.65 0.00	30.30 2.38 -1.56	30.52 2.47 0.00	30.23 2.38 0.00	33.74 2.32 -6.56	36.86 2.27 -10.86	36.91 2.55 -8.04	36.36 2.96 -4.81	38.38 3.22 -5.50	58.29 4.35 -13.81	91.44 3.87 -51.93	72.50 2.80 -44.11	148.76 1.44 -133.32	106.87 0.76 -98.54	74.30 0.52 -68.44	79.70 0.68 -72.16	46.30 1.53 -29.15	39.10 1.80 -17.41	58.27 1.90 -33.85	36.13 2.07 -11.51	28.18 2.74 0.00	29.33 2.68 -1.15

BRISTLHL_115KV_TB1 79998	31.70 -0.34 0.00	33.08 -0.40 0.00	29.77 -0.36 0.00	26.06 -0.31 0.00	27.75 -0.30 0.00	27.54 -0.31 0.00	24.56 -0.30 0.00	23.35 -0.38 0.00	25.86 -0.46 0.00	28.16 -0.42 0.00	29.26 -0.41 0.00	39.39 -0.74 0.00	34.91 -0.73 0.00	25.10 -0.49 0.00	13.72 -0.29 0.00	7.39 -0.18 0.00	5.21 -0.12 0.00	6.72 -0.15 0.00	15.27 -0.35 0.00	19.50 -0.39 0.00	22.04 -0.49 0.00	22.07 -0.49 0.00	24.87 -0.57 0.00	25.00 -0.50 0.00
BROOKHAVEN___DRP 24191	34.65 2.61 0.00	36.18 2.70 0.00	32.55 2.42 0.00	30.10 2.18 -1.56	30.31 2.25 0.00	30.03 2.18 0.00	33.56 2.14 -6.56	36.70 2.11 -10.86	36.76 2.41 -8.04	36.25 2.86 -4.81	38.30 3.13 -5.50	58.22 4.28 -13.81	91.37 3.80 -51.93	72.46 2.76 -44.11	148.74 1.41 -133.32	107.21 0.75 -98.89	74.80 0.54 -68.92	80.33 0.70 -72.76	46.63 1.53 -29.49	39.33 1.78 -17.66	58.86 1.89 -34.44	36.32 2.09 -11.67	28.15 2.71 0.00	29.24 2.59 -1.15
BROOKLYN_NAVY_YARD 23515	34.35 2.32 0.00	35.82 2.34 0.00	32.17 2.03 0.00	28.14 1.78 0.00	29.93 1.87 0.00	29.71 1.85 0.00	26.63 1.77 0.00	25.50 1.77 0.00	28.35 2.03 0.00	31.02 2.44 0.00	32.38 2.71 0.00	46.95 3.80 -3.02	38.85 3.21 0.00	70.98 2.34 -43.06	148.22 1.31 -132.90	107.99 0.72 -99.70	76.11 0.50 -70.28	82.03 0.63 -74.54	47.61 1.46 -30.54	40.18 1.81 -18.48	61.01 2.00 -36.48	35.89 1.99 -11.34	27.79 2.35 0.00	27.67 2.18 0.00
BROOKLYN___ARMY_DRP 323595	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
BROOKVLE_69_KV_TB1 55790	35.08 3.05 0.00	36.63 3.15 0.00	32.89 2.76 0.00	30.36 2.43 -1.56	30.59 2.54 0.00	30.36 2.51 0.00	33.80 2.39 -6.56	36.94 2.35 -10.86	37.03 2.67 -8.04	36.53 3.14 -4.81	38.49 3.33 -5.50	58.55 4.61 -13.81	91.60 4.03 -51.93	72.61 2.90 -44.11	148.90 1.58 -133.32	108.55 0.86 -100.12	76.52 0.60 -70.58	82.49 0.76 -74.87	47.94 1.66 -30.66	40.41 1.99 -18.52	61.21 2.16 -36.52	37.00 2.18 -12.26	28.17 2.72 0.00	29.23 2.59 -1.15
BROOME_2_LFGE 323671	32.15 0.12 0.00	33.51 0.03 0.00	30.13 0.00 0.00	26.43 0.07 0.00	28.18 0.12 0.00	27.98 0.13 0.00	24.95 0.08 0.00	23.85 0.12 0.00	26.49 0.16 0.00	28.92 0.34 0.00	30.02 0.35 0.00	40.49 0.36 0.00	35.77 0.13 0.00	25.83 0.24 0.00	14.07 0.06 0.00	7.58 0.02 0.00	5.35 0.01 0.00	6.89 0.03 0.00	15.65 0.04 0.00	19.98 0.08 0.00	22.54 0.02 0.00	22.54 -0.02 0.00	25.50 0.05 0.00	25.50 0.01 0.00
BROOME___LFGE 323600	32.15 0.12 0.00	33.51 0.03 0.00	30.13 0.00 0.00	26.43 0.07 0.00	28.18 0.12 0.00	27.98 0.13 0.00	24.95 0.08 0.00	23.85 0.12 0.00	26.49 0.16 0.00	28.92 0.34 0.00	30.02 0.35 0.00	40.49 0.36 0.00	35.77 0.13 0.00	25.83 0.24 0.00	14.07 0.06 0.00	7.58 0.02 0.00	5.35 0.01 0.00	6.89 0.03 0.00	15.65 0.04 0.00	19.98 0.08 0.00	22.54 0.02 0.00	22.54 -0.02 0.00	25.50 0.05 0.00	25.50 0.01 0.00
BROWNFLS_115KV_TB_3_5 80003	31.20 -0.84 0.00	32.52 -0.95 0.00	29.20 -0.93 0.00	25.60 -0.77 0.00	27.33 -0.73 0.00	27.11 -0.74 0.00	24.22 -0.64 0.00	22.95 -0.78 0.00	25.49 -0.84 0.00	27.41 -1.17 0.00	28.11 -1.56 0.00	37.94 -2.19 0.00	34.10 -1.54 0.00	24.34 -1.25 0.00	13.26 -0.75 0.00	7.17 -0.40 0.00	5.07 -0.27 0.00	6.51 -0.35 0.00	14.92 -0.69 0.00	19.13 -0.76 0.00	22.07 -0.46 0.00	22.15 -0.41 0.00	24.83 -0.62 0.00	24.87 -0.63 0.00
BROWNSV1_27_KV_LOAD 356125	34.75 2.72 0.00	36.23 2.76 0.00	32.51 2.38 0.00	28.44 2.07 0.00	30.23 2.17 0.00	30.03 2.18 0.00	26.92 2.06 0.00	25.77 2.04 0.00	28.66 2.33 0.00	31.39 2.81 0.00	32.76 3.10 0.00	47.48 4.34 -3.02	39.35 3.70 0.00	71.37 2.72 -43.06	148.42 1.51 -132.90	108.10 0.83 -99.70	76.20 0.58 -70.28	82.13 0.72 -74.54	47.82 1.66 -30.54	40.46 2.09 -18.48	61.31 2.30 -36.48	36.20 2.30 -11.34	28.16 2.72 0.00	28.02 2.52 0.00
BURROWS___LYONSDAL 23803	32.07 0.03 0.00	33.46 -0.02 0.00	30.07 -0.06 0.00	26.41 0.04 0.00	28.15 0.09 0.00	27.92 0.07 0.00	24.98 0.11 0.00	23.67 -0.05 0.00	26.27 -0.06 0.00	28.37 -0.21 0.00	29.20 -0.46 0.00	39.41 -0.72 0.00	35.23 -0.42 0.00	25.24 -0.35 0.00	13.74 -0.27 0.00	7.44 -0.13 0.00	5.25 -0.08 0.00	6.73 -0.13 0.00	15.35 -0.26 0.00	19.68 -0.21 0.00	22.66 0.13 0.00	22.72 0.16 0.00	25.49 0.05 0.00	25.55 0.05 0.00
CAITHNESS_CC_1 323624	34.65 2.61 0.00	36.18 2.70 0.00	32.55 2.42 0.00	30.11 2.18 -1.56	30.31 2.25 0.00	30.05 2.20 0.00	33.56 2.14 -6.56	36.70 2.11 -10.86	36.76 2.40 -8.04	36.24 2.84 -4.81	38.27 3.11 -5.50	58.19 4.25 -13.81	91.33 3.76 -51.93	72.42 2.72 -44.11	148.72 1.40 -133.32	107.23 0.74 -98.92	74.81 0.53 -68.95	80.35 0.68 -72.80	46.60 1.48 -29.51	39.30 1.73 -17.67	58.86 1.85 -34.48	36.29 2.05 -11.68	28.13 2.68 0.00	29.23 2.58 -1.16
CALPINE BETH_PAGE_GT4 24209	34.73 2.70 0.00	36.27 2.79 0.00	32.58 2.45 0.00	30.10 2.17 -1.56	30.31 2.25 0.00	30.06 2.20 0.00	33.55 2.13 -6.56	36.69 2.09 -10.86	36.75 2.39 -8.04	36.22 2.82 -4.81	38.26 3.09 -5.50	58.06 4.12 -13.81	91.18 3.61 -51.93	72.29 2.59 -44.11	148.72 1.40 -133.32	108.21 0.76 -99.88	76.12 0.53 -70.26	82.00 0.68 -74.46	47.53 1.48 -30.43	39.99 1.75 -18.35	60.53 1.88 -36.12	36.72 2.01 -12.14	28.10 2.65 0.00	29.17 2.52 -1.15
CALPINE_BETH_PAGE_GT_4 323586	34.74 2.70 0.00	36.26 2.78 0.00	32.58 2.45 0.00	30.10 2.17 -1.56	30.31 2.25 0.00	30.06 2.20 0.00	33.55 2.13 -6.56	36.69 2.09 -10.86	36.75 2.39 -8.04	36.22 2.82 -4.81	38.26 3.09 -5.50	58.06 4.12 -13.81	91.18 3.61 -51.93	72.29 2.59 -44.11	148.72 1.40 -133.32	108.21 0.76 -99.88	76.12 0.53 -70.26	82.00 0.67 -74.46	47.52 1.47 -30.43	39.98 1.74 -18.35	60.52 1.88 -36.12	36.71 2.01 -12.14	28.10 2.65 0.00	29.17 2.52 -1.16
CALPINE_BP_GT1 23823	34.74 2.70 0.00	36.26 2.78 0.00	32.58 2.45 0.00	30.10 2.17 -1.56	30.31 2.25 0.00	30.06 2.20 0.00	33.55 2.13 -6.56	36.69 2.09 -10.86	36.75 2.39 -8.04	36.22 2.82 -4.81	38.26 3.09 -5.50	58.06 4.12 -13.81	91.18 3.61 -51.93	72.29 2.59 -44.11	148.72 1.40 -133.32	108.21 0.76 -99.88	76.12 0.53 -70.26	82.00 0.67 -74.46	47.52 1.47 -30.43	39.98 1.74 -18.35	60.52 1.88 -36.12	36.71 2.01 -12.14	28.10 2.65 0.00	29.17 2.52 -1.16
CALSPAN___DRP 24200	30.76 -1.28 0.00	32.00 -1.48 0.00	28.88 -1.25 0.00	25.30 -1.06 0.00	27.12 -0.94 0.00	26.97 -0.88 0.00	23.90 -0.97 0.00	22.52 -1.21 0.00	24.99 -1.34 0.00	27.44 -1.14 0.00	28.45 -1.21 0.00	36.75 -2.33 1.05	33.09 -2.52 0.04	23.03 -1.54 1.02	13.07 -0.92 0.02	7.05 -0.48 0.04	5.05 -0.29 0.00	6.53 -0.33 0.00	14.72 -0.89 0.00	18.89 -1.00 0.00	21.35 -1.18 0.00	21.33 -1.23 0.00	24.06 -1.38 0.00	23.99 -1.51 0.00

CALVERTON___SOLAR 323806	34.68 2.65 0.00	36.20 2.72 0.00	32.56 2.43 0.00	30.11 2.18 -1.56	30.31 2.25 0.00	30.05 2.20 0.00	33.57 2.15 -6.56	36.72 2.13 -10.86	36.79 2.43 -8.04	36.29 2.90 -4.81	38.35 3.18 -5.50	58.31 4.37 -13.81	91.44 3.87 -51.93	72.51 2.81 -44.11	148.76 1.43 -133.32	107.22 0.77 -98.89	74.80 0.56 -68.91	80.33 0.72 -72.75	46.63 1.54 -29.48	39.35 1.80 -17.65	58.88 1.92 -34.43	36.36 2.13 -11.67	28.21 2.76 0.00	29.29 2.64 -1.16
CANDIGU_WT_PWR 323617	30.73 -1.31 0.00	31.90 -1.57 0.00	28.78 -1.35 0.00	25.39 -0.98 0.00	27.35 -0.71 0.00	26.91 -0.94 0.00	24.13 -0.74 0.00	23.11 -0.62 0.00	25.74 -0.58 0.00	28.13 -0.45 0.00	29.16 -0.51 0.00	32.66 -1.49 5.98	33.54 -1.90 0.20	18.53 -1.29 5.78	13.09 -0.80 0.11	6.87 -0.48 0.22	5.01 -0.33 0.00	6.47 -0.39 0.00	14.76 -0.85 0.00	19.03 -0.86 0.00	21.53 -1.00 0.00	21.48 -1.08 0.00	24.25 -1.19 0.00	24.37 -1.13 0.00
CARR STREET_E_SYR 24060	31.94 -0.10 0.00	33.32 -0.16 0.00	29.98 -0.15 0.00	26.26 -0.11 0.00	27.95 -0.10 0.00	27.75 -0.11 0.00	24.75 -0.12 0.00	23.54 -0.19 0.00	26.09 -0.23 0.00	28.45 -0.13 0.00	29.54 -0.13 0.00	39.87 -0.26 0.00	35.32 -0.33 0.00	25.41 -0.18 0.00	13.89 -0.12 0.00	7.49 -0.09 0.00	5.28 -0.05 0.00	6.80 -0.06 0.00	15.46 -0.15 0.00	19.69 -0.20 0.00	22.23 -0.30 0.00	22.26 -0.30 0.00	25.09 -0.36 0.00	25.20 -0.30 0.00
CARTHAGE___PAPER 23857	31.61 -0.43 0.00	32.95 -0.53 0.00	29.59 -0.54 0.00	26.01 -0.35 0.00	27.78 -0.28 0.00	27.58 -0.27 0.00	24.65 -0.21 0.00	23.23 -0.50 0.00	25.83 -0.49 0.00	27.64 -0.95 0.00	28.21 -1.45 0.00	38.13 -2.00 0.00	34.14 -1.50 0.00	24.30 -1.29 0.00	13.21 -0.80 0.00	7.13 -0.43 0.00	5.06 -0.27 0.00	6.49 -0.38 0.00	14.90 -0.71 0.00	19.23 -0.66 0.00	22.39 -0.13 0.00	22.48 -0.08 0.00	25.12 -0.32 0.00	25.19 -0.30 0.00
CASSADAGA_WT_PWR 323784	30.68 -1.36 0.00	32.06 -1.42 0.00	28.69 -1.44 0.00	25.04 -1.33 0.00	26.87 -1.19 0.00	27.17 -0.68 0.00	24.34 -0.53 0.00	23.30 -0.42 0.00	25.85 -0.47 0.00	28.36 -0.22 0.00	29.14 -0.52 0.00	37.78 -1.60 0.75	33.61 -2.01 0.03	23.71 -1.15 0.73	13.20 -0.79 0.01	7.11 -0.43 0.03	5.08 -0.26 0.00	6.57 -0.30 0.00	14.76 -0.85 0.00	18.95 -0.94 0.00	21.63 -0.90 0.00	21.53 -1.03 0.00	24.47 -0.98 0.00	24.57 -0.92 0.00
CE_DUNWOOD___DRP 24194	34.17 2.13 0.00	35.67 2.19 0.00	32.01 1.88 0.00	28.02 1.65 0.00	29.78 1.73 0.00	29.58 1.73 0.00	26.50 1.64 0.00	25.35 1.62 0.00	28.17 1.84 0.00	30.81 2.23 0.00	32.14 2.47 0.00	46.84 3.49 -3.22	38.61 2.97 0.00	71.81 2.22 -44.00	152.31 1.25 -137.05	112.06 0.69 -103.81	78.42 0.48 -72.61	84.48 0.61 -77.01	48.45 1.37 -31.47	40.41 1.71 -18.82	61.29 1.87 -36.90	35.88 1.86 -11.46	27.64 2.19 0.00	27.54 2.05 0.00
CE_MILLWOOD___DRP 24193	34.09 2.05 0.00	35.59 2.11 0.00	31.95 1.82 0.00	27.96 1.60 0.00	29.72 1.66 0.00	29.52 1.67 0.00	26.45 1.58 0.00	25.29 1.56 0.00	28.11 1.79 0.00	30.74 2.16 0.00	32.06 2.39 0.00	46.89 3.39 -3.37	38.52 2.88 0.00	72.09 2.16 -44.34	156.68 1.21 -141.46	116.69 0.67 -108.45	81.40 0.47 -75.60	87.81 0.59 -80.35	49.45 1.34 -32.50	40.02 1.67 -18.46	59.51 1.83 -35.15	35.26 1.81 -10.88	27.58 2.14 0.00	27.48 1.99 0.00
CE_NYC2_DRP 24202	34.47 2.44 0.00	35.95 2.47 0.00	32.27 2.14 0.00	28.24 1.87 0.00	30.01 1.95 0.00	29.81 1.96 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.42 2.10 0.00	31.14 2.55 0.00	32.47 2.80 0.00	47.06 3.91 -3.02	38.99 3.35 0.00	71.09 2.44 -43.06	148.25 1.35 -132.89	108.00 0.74 -99.69	76.13 0.52 -70.27	82.06 0.66 -74.54	47.67 1.52 -30.54	40.28 1.91 -18.48	61.11 2.10 -36.48	35.99 2.09 -11.34	27.93 2.49 0.00	27.80 2.31 0.00
CE_NYC_DRP 24195	34.41 2.38 0.00	35.90 2.42 0.00	32.22 2.09 0.00	28.19 1.82 0.00	29.97 1.91 0.00	29.76 1.91 0.00	26.68 1.82 0.00	25.54 1.81 0.00	28.38 2.06 0.00	31.07 2.49 0.00	32.41 2.75 0.00	47.00 3.85 -3.02	38.91 3.26 0.00	71.04 2.39 -43.06	148.24 1.33 -132.91	108.00 0.73 -99.70	76.13 0.51 -70.29	82.05 0.64 -74.55	47.63 1.48 -30.54	40.22 1.85 -18.48	61.04 2.04 -36.48	35.94 2.03 -11.34	27.86 2.41 0.00	27.73 2.24 0.00
CHAFFEE___LFGE 323603	30.97 -1.07 0.00	32.22 -1.26 0.00	29.07 -1.06 0.00	25.47 -0.90 0.00	27.28 -0.78 0.00	27.11 -0.74 0.00	24.04 -0.83 0.00	22.66 -1.07 0.00	25.16 -1.16 0.00	27.61 -0.97 0.00	28.63 -1.04 0.00	37.20 -2.08 0.86	33.35 -2.26 0.03	23.43 -1.34 0.83	13.19 -0.81 0.02	7.13 -0.41 0.03	5.09 -0.24 0.00	6.58 -0.28 0.00	14.85 -0.76 0.00	19.04 -0.85 0.00	21.47 -1.06 0.00	21.46 -1.10 0.00	24.23 -1.21 0.00	24.15 -1.35 0.00
CHATEAUG_35_KV_LOAD 355732	30.99 -1.05 0.00	32.56 -0.92 0.00	29.18 -0.95 0.00	25.40 -0.97 0.00	27.26 -0.79 0.00	27.16 -0.70 0.00	24.12 -0.74 0.00	23.02 -0.71 0.00	25.49 -0.83 0.00	27.39 -1.19 0.00	28.29 -1.37 0.00	37.88 -2.25 0.00	34.44 -1.20 0.00	24.53 -1.06 0.00	13.46 -0.55 0.00	7.27 -0.29 0.00	5.14 -0.20 0.00	6.68 -0.19 0.00	15.38 -0.23 0.00	19.65 -0.24 0.00	22.38 -0.15 0.00	22.39 -0.17 0.00	25.13 -0.32 0.00	25.20 -0.29 0.00
CHATEAUG_WT_PWR 323614	30.95 -1.09 0.00	32.56 -0.92 0.00	29.18 -0.95 0.00	25.40 -0.97 0.00	27.30 -0.75 0.00	27.21 -0.64 0.00	24.16 -0.70 0.00	23.08 -0.65 0.00	25.58 -0.74 0.00	27.43 -1.15 0.00	28.30 -1.36 0.00	37.91 -2.22 0.00	34.42 -1.22 0.00	24.56 -1.03 0.00	13.48 -0.53 0.00	7.27 -0.29 0.00	5.15 -0.19 0.00	6.69 -0.17 0.00	15.41 -0.20 0.00	19.67 -0.22 0.00	22.39 -0.14 0.00	22.42 -0.14 0.00	25.14 -0.30 0.00	25.24 -0.26 0.00
CHAT_HIGH_FALL_HYD 323578	30.99 -1.05 0.00	32.56 -0.92 0.00	29.18 -0.95 0.00	25.40 -0.97 0.00	27.26 -0.79 0.00	27.16 -0.70 0.00	24.12 -0.74 0.00	23.02 -0.71 0.00	25.49 -0.83 0.00	27.39 -1.19 0.00	28.29 -1.37 0.00	37.88 -2.25 0.00	34.44 -1.20 0.00	24.53 -1.06 0.00	13.46 -0.55 0.00	7.27 -0.29 0.00	5.14 -0.20 0.00	6.68 -0.19 0.00	15.38 -0.23 0.00	19.65 -0.24 0.00	22.38 -0.15 0.00	22.39 -0.17 0.00	25.13 -0.32 0.00	25.20 -0.29 0.00
CHAUTAUQUA___LFGE 323629	30.84 -1.20 0.00	32.13 -1.34 0.00	28.86 -1.28 0.00	25.26 -1.10 0.00	27.08 -0.98 0.00	27.17 -0.68 0.00	24.21 -0.65 0.00	23.04 -0.68 0.00	25.58 -0.74 0.00	28.04 -0.54 0.00	28.95 -0.72 0.00	37.45 -1.75 0.93	33.57 -2.04 0.03	23.52 -1.17 0.90	13.22 -0.77 0.02	7.11 -0.42 0.03	5.08 -0.25 0.00	6.58 -0.28 0.00	14.82 -0.79 0.00	19.00 -0.90 0.00	21.56 -0.96 0.00	21.49 -1.07 0.00	24.40 -1.05 0.00	24.43 -1.07 0.00
CHERRYST_13_KV_LD 356241	34.54 2.50 0.00	36.02 2.55 0.00	32.33 2.20 0.00	28.28 1.91 0.00	30.07 2.01 0.00	29.86 2.01 0.00	26.77 1.90 0.00	25.62 1.90 0.00	28.48 2.16 0.00	31.19 2.61 0.00	32.53 2.87 0.00	47.15 4.00 -3.02	39.04 3.39 0.00	71.14 2.49 -43.06	148.30 1.39 -132.91	108.03 0.76 -99.70	76.15 0.53 -70.29	82.08 0.67 -74.55	47.69 1.54 -30.54	40.30 1.93 -18.48	61.13 2.12 -36.48	36.02 2.12 -11.34	27.96 2.51 0.00	27.81 2.32 0.00

CHESTROR_138KV_BK263 355645	33.72 1.69 0.00	35.21 1.73 0.00	31.61 1.48 0.00	27.68 1.31 0.00	29.41 1.36 0.00	29.22 1.37 0.00	26.16 1.30 0.00	25.01 1.28 0.00	27.78 1.46 0.00	30.35 1.77 0.00	31.64 1.98 0.00	40.01 2.81 2.93	38.00 2.36 0.00	112.90 1.83 -85.48	473.71 1.03 -458.67	550.11 0.56 -541.98	385.93 0.39 -380.20	421.70 0.50 -414.33	166.54 1.14 -149.79	55.15 1.40 -33.86	30.73 1.53 -6.68	24.06 1.50 0.00	27.18 1.73 0.00	27.11 1.62 0.00
CH_MIDHUDSON___DRP 24192	34.01 1.97 0.00	35.51 2.03 0.00	31.88 1.76 0.00	27.92 1.56 0.00	29.67 1.60 0.00	29.47 1.62 0.00	26.40 1.54 0.00	25.24 1.52 0.00	28.07 1.74 0.00	30.68 2.10 0.00	32.01 2.34 0.00	44.02 3.37 -0.52	38.52 2.88 0.00	35.84 2.12 -8.14	58.66 1.15 -43.50	59.60 0.63 -51.40	41.86 0.43 -36.09	46.75 0.55 -39.33	31.09 1.26 -14.22	24.67 1.56 -3.21	24.87 1.71 -0.63	24.24 1.69 0.00	27.35 1.91 0.00	27.26 1.77 0.00
CH_MISC_IPPS 23765	34.24 2.20 0.00	35.73 2.26 0.00	32.07 1.94 0.00	28.08 1.71 0.00	29.84 1.78 0.00	29.64 1.79 0.00	26.56 1.69 0.00	25.40 1.67 0.00	28.25 1.93 0.00	30.91 2.33 0.00	32.25 2.59 0.00	43.86 3.73 0.00	38.82 3.17 0.00	35.23 2.36 -7.28	54.33 1.28 -39.05	54.40 0.70 -46.14	38.21 0.48 -32.40	42.79 0.62 -35.31	29.78 1.41 -12.76	24.53 1.75 -2.89	25.01 1.91 -0.57	24.44 1.88 0.00	27.57 2.13 0.00	27.47 1.97 0.00
CH_RES_BVR_FALLS 23983	31.51 -0.53 0.00	32.97 -0.51 0.00	29.64 -0.49 0.00	25.97 -0.40 0.00	27.64 -0.41 0.00	27.41 -0.44 0.00	24.49 -0.38 0.00	23.38 -0.35 0.00	25.90 -0.42 0.00	28.04 -0.54 0.00	29.05 -0.62 0.00	39.21 -0.92 0.00	34.97 -0.67 0.00	25.06 -0.53 0.00	13.73 -0.28 0.00	7.41 -0.15 0.00	5.22 -0.11 0.00	6.72 -0.15 0.00	15.28 -0.33 0.00	19.50 -0.39 0.00	22.20 -0.32 0.00	22.29 -0.27 0.00	25.11 -0.33 0.00	25.16 -0.33 0.00
CH_RES_NIAGARA 23895	29.86 -2.18 0.00	31.08 -2.40 0.00	28.12 -2.01 0.00	24.64 -1.73 0.00	26.41 -1.65 0.00	26.22 -1.63 0.00	23.17 -1.69 0.00	21.66 -2.07 0.00	23.98 -2.34 0.00	26.35 -2.23 0.00	27.37 -2.29 0.00	35.44 -3.87 0.82	31.70 -3.92 0.03	22.36 -2.45 0.78	12.63 -1.36 0.02	6.84 -0.69 0.03	4.91 -0.42 0.00	6.37 -0.49 0.00	14.35 -1.26 0.00	18.41 -1.49 0.00	20.79 -1.73 0.00	20.79 -1.76 0.00	23.40 -2.05 0.00	23.31 -2.18 0.00
CH_RES_SYRACUSE 23985	32.09 0.06 0.00	33.50 0.03 0.00	30.16 0.02 0.00	26.40 0.03 0.00	28.10 0.04 0.00	27.90 0.05 0.00	24.89 0.02 0.00	23.67 -0.06 0.00	26.25 -0.08 0.00	28.59 0.01 0.00	29.71 0.04 0.00	40.07 -0.06 0.00	35.51 -0.13 0.00	25.55 -0.04 0.00	13.96 -0.05 0.00	7.52 -0.04 0.00	5.31 -0.02 0.00	6.83 -0.03 0.00	15.54 -0.07 0.00	19.79 -0.10 0.00	22.30 -0.22 0.00	22.34 -0.22 0.00	25.17 -0.27 0.00	25.29 -0.20 0.00
CLINTON_WT_PWR 323605	30.95 -1.09 0.00	32.56 -0.92 0.00	29.18 -0.95 0.00	25.40 -0.97 0.00	27.30 -0.75 0.00	27.21 -0.64 0.00	24.16 -0.70 0.00	23.08 -0.65 0.00	25.58 -0.74 0.00	27.43 -1.15 0.00	28.30 -1.36 0.00	37.91 -2.22 0.00	34.42 -1.22 0.00	24.56 -1.03 0.00	13.48 -0.53 0.00	7.27 -0.29 0.00	5.15 -0.19 0.00	6.69 -0.17 0.00	15.41 -0.20 0.00	19.67 -0.22 0.00	22.39 -0.14 0.00	22.42 -0.14 0.00	25.14 -0.30 0.00	25.24 -0.26 0.00
CLINTON___LFGE 323618	31.23 -0.80 0.00	32.86 -0.61 0.00	29.47 -0.66 0.00	25.63 -0.74 0.00	27.55 -0.50 0.00	27.48 -0.38 0.00	24.41 -0.45 0.00	23.34 -0.39 0.00	25.87 -0.45 0.00	27.70 -0.88 0.00	28.68 -0.99 0.00	38.31 -1.83 0.00	34.81 -0.84 0.00	24.86 -0.73 0.00	13.65 -0.36 0.00	7.36 -0.21 0.00	5.21 -0.12 0.00	6.78 -0.08 0.00	15.63 0.02 0.00	19.95 0.06 0.00	22.70 0.18 0.00	22.73 0.17 0.00	25.45 0.01 0.00	25.53 0.04 0.00
COBBLENY_34_KV_TB1 80064	30.97 -1.07 0.00	32.22 -1.25 0.00	29.07 -1.06 0.00	25.47 -0.90 0.00	27.27 -0.79 0.00	27.11 -0.74 0.00	24.03 -0.83 0.00	22.66 -1.07 0.00	25.15 -1.17 0.00	27.61 -0.97 0.00	28.62 -1.04 0.00	37.20 -2.08 0.86	33.33 -2.28 0.03	23.40 -1.36 0.83	13.17 -0.82 0.02	7.12 -0.42 0.03	5.09 -0.25 0.00	6.57 -0.29 0.00	14.84 -0.78 0.00	19.03 -0.87 0.00	21.46 -1.07 0.00	21.45 -1.11 0.00	24.24 -1.21 0.00	24.14 -1.35 0.00
COFFEEN___115KV_TB3 355620	31.73 -0.31 0.00	33.06 -0.41 0.00	29.70 -0.43 0.00	26.10 -0.27 0.00	27.86 -0.20 0.00	27.70 -0.15 0.00	24.73 -0.14 0.00	23.25 -0.48 0.00	25.87 -0.45 0.00	27.60 -0.98 0.00	28.13 -1.53 0.00	38.10 -2.03 0.00	33.92 -1.72 0.00	24.11 -1.48 0.00	13.12 -0.89 0.00	7.08 -0.49 0.00	5.03 -0.30 0.00	6.44 -0.42 0.00	14.87 -0.74 0.00	19.25 -0.65 0.00	22.43 -0.10 0.00	22.51 -0.05 0.00	25.11 -0.34 0.00	25.18 -0.31 0.00
COLDSPRG_115KV_BK1 355956	31.58 -0.46 0.00	32.90 -0.57 0.00	29.54 -0.59 0.00	25.83 -0.53 0.00	27.69 -0.37 0.00	27.74 -0.11 0.00	24.68 -0.18 0.00	23.56 -0.17 0.00	26.19 -0.13 0.00	28.79 0.21 0.00	29.68 0.02 0.47	38.95 -0.70 0.00	34.42 -1.21 0.02	24.57 -0.57 0.46	13.55 -0.45 0.01	7.29 -0.26 0.02	5.19 -0.15 0.00	6.70 -0.17 0.00	15.10 -0.51 0.00	19.38 -0.51 0.00	22.00 -0.52 0.00	21.92 -0.64 0.00	24.91 -0.53 0.00	24.89 -0.61 0.00
COLONIE_LFGE___ 323577	33.22 1.18 0.00	34.85 1.38 0.00	31.41 1.27 0.00	27.57 1.20 0.00	29.27 1.21 0.00	29.08 1.23 0.00	25.98 1.11 0.00	24.83 1.11 0.00	27.52 1.20 0.00	29.86 1.28 0.00	31.00 1.34 0.00	42.67 2.04 -0.51	37.33 1.69 0.00	31.28 1.21 -4.47	38.55 0.72 -23.82	36.11 0.40 -28.15	25.37 0.27 -19.76	28.75 0.35 -21.54	24.16 0.77 -7.78	22.60 0.95 -1.76	23.99 1.12 -0.35	23.64 1.08 0.00	26.58 1.13 0.00	26.66 1.17 0.00
COOPERNY_115KV_TB1 80082	33.24 1.20 0.00	34.70 1.23 0.00	31.17 1.04 0.00	27.29 0.92 0.00	29.02 0.96 0.00	28.81 0.96 0.00	25.78 0.92 0.00	24.63 0.91 0.00	27.36 1.04 0.00	29.86 1.28 0.00	31.10 1.44 0.00	41.00 2.04 1.16	37.33 1.68 0.00	15.95 1.30 10.95	-40.66 0.73 55.41	-55.81 0.40 63.78	-39.15 0.28 44.77	-41.50 0.36 48.73	-1.29 0.83 17.72	16.56 1.01 4.35	21.79 1.09 1.83	23.30 1.07 0.34	26.69 1.25 0.00	26.65 1.15 0.00
COPENHAGEN_WT_PWR 323753	31.20 -0.84 0.00	32.55 -0.93 0.00	29.24 -0.89 0.00	25.76 -0.61 0.00	27.52 -0.53 0.00	27.33 -0.52 0.00	24.41 -0.45 0.00	22.89 -0.83 0.00	25.50 -0.82 0.00	27.27 -1.31 0.00	27.83 -1.83 0.00	37.58 -2.55 0.00	33.56 -2.09 0.00	23.82 -1.77 0.00	12.97 -1.04 0.00	6.99 -0.57 0.00	4.97 -0.36 0.00	6.36 -0.50 0.00	14.61 -1.00 0.00	18.86 -1.03 0.00	22.09 -0.44 0.00	22.18 -0.38 0.00	24.77 -0.67 0.00	24.91 -0.58 0.00
CORNELL_____ 23752	32.56 0.52 0.00	33.94 0.46 0.00	30.54 0.40 0.00	26.77 0.40 0.00	28.53 0.47 0.00	28.33 0.48 0.00	25.27 0.41 0.00	24.08 0.35 0.00	26.70 0.38 0.00	29.06 0.48 0.00	30.13 0.47 0.00	40.99 0.52 -0.33	36.18 0.53 -0.01	26.30 0.38 -0.32	14.14 0.12 -0.01	7.64 0.06 -0.01	5.39 0.05 0.00	6.95 0.08 0.00	15.80 0.19 0.00	20.23 0.34 0.00	22.82 0.29 0.00	22.88 0.32 0.00	25.77 0.33 0.00	25.76 0.26 0.00

CORONA__69_KV_TB1 355595	34.81 2.78 0.00	36.35 2.87 0.00	32.63 2.50 0.00	30.14 2.21 -1.56	30.36 2.30 0.00	30.11 2.26 0.00	33.58 2.16 -6.56	36.71 2.12 -10.86	36.77 2.41 -8.04	36.26 2.87 -4.81	38.35 3.19 -5.50	58.38 4.45 -13.81	91.33 3.76 -51.93	72.41 2.71 -44.11	148.78 1.46 -133.32	108.49 0.80 -100.12	76.47 0.55 -70.58	82.44 0.71 -74.87	47.85 1.58 -30.66	40.30 1.88 -18.52	61.07 2.02 -36.52	36.95 2.13 -12.26	28.20 2.76 0.00	29.27 2.62 -1.15
CORTLAND__115KV_TB3 80093	32.46 0.43 0.00	33.84 0.36 0.00	30.44 0.31 0.00	26.68 0.32 0.00	28.42 0.37 0.00	28.22 0.37 0.00	25.18 0.31 0.00	24.00 0.28 0.00	26.59 0.26 0.00	28.96 0.38 0.00	30.03 0.36 0.00	40.67 0.40 -0.14	36.00 0.35 0.00	26.04 0.31 -0.14	14.11 0.10 0.00	7.63 0.06 0.00	5.38 0.04 0.00	6.93 0.06 0.00	15.74 0.13 0.00	20.14 0.25 0.00	22.76 0.23 0.00	22.79 0.23 0.00	25.70 0.25 0.00	25.71 0.21 0.00
COXSACKIE__GT 23611	33.92 1.88 0.00	35.54 2.06 0.00	32.17 2.04 0.00	28.23 1.87 0.00	29.96 1.91 0.00	29.75 1.89 0.00	26.59 1.72 0.00	25.37 1.64 0.00	27.96 1.64 0.00	30.31 1.73 0.00	31.37 1.70 0.00	42.66 2.53 0.00	38.53 2.89 0.00	31.91 1.59 -4.73	40.13 0.87 -25.25	38.04 0.64 -29.83	26.68 0.40 -20.94	30.32 0.63 -22.83	25.17 1.30 -8.25	23.37 1.61 -1.87	24.77 1.87 -0.37	24.31 1.75 0.00	27.18 1.74 0.00	27.15 1.66 0.00
CPV_VALLEY__CC1 323721	33.43 1.40 0.00	34.91 1.43 0.00	31.36 1.23 0.00	27.47 1.10 0.00	29.19 1.13 0.00	28.99 1.14 0.00	25.96 1.10 0.00	24.81 1.08 0.00	27.56 1.24 0.00	30.09 1.51 0.00	31.36 1.69 0.00	40.72 2.40 1.81	37.65 2.00 0.00	12.55 1.57 14.61	-58.04 0.89 72.94	-75.29 0.49 83.35	-52.83 0.34 58.51	-56.36 0.44 63.66	-6.58 1.00 23.19	15.29 1.21 5.81	21.07 1.31 2.77	23.28 1.28 0.56	26.94 1.49 0.00	26.88 1.39 0.00
CPV_VALLEY__CC2 323722	33.43 1.40 0.00	34.91 1.43 0.00	31.36 1.23 0.00	27.47 1.10 0.00	29.19 1.13 0.00	28.99 1.14 0.00	25.96 1.10 0.00	24.81 1.08 0.00	27.56 1.24 0.00	30.09 1.51 0.00	31.36 1.69 0.00	40.72 2.40 1.81	37.65 2.00 0.00	12.55 1.57 14.61	-58.04 0.89 72.94	-75.29 0.49 83.35	-52.83 0.34 58.51	-56.36 0.44 63.66	-6.58 1.00 23.19	15.29 1.21 5.81	21.07 1.31 2.77	23.28 1.28 0.56	26.94 1.49 0.00	26.88 1.39 0.00
CRESCENT__HYD 24018	33.22 1.18 0.00	34.85 1.38 0.00	31.41 1.27 0.00	27.57 1.20 0.00	29.27 1.21 0.00	29.08 1.23 0.00	25.98 1.11 0.00	24.83 1.11 0.00	27.52 1.20 0.00	29.86 1.28 0.00	31.00 1.34 0.00	42.67 2.04 -0.51	37.33 1.69 0.00	31.28 1.21 -4.47	38.55 0.72 -23.82	36.11 0.40 -28.15	25.37 0.27 -19.76	28.75 0.35 -21.54	24.16 0.77 -7.78	22.60 0.95 -1.76	23.99 1.12 -0.35	23.64 1.08 0.00	26.58 1.13 0.00	26.66 1.17 0.00
CRICKET__VALLEY_CC1 323756	33.57 1.54 0.00	35.08 1.61 0.00	31.53 1.40 0.00	27.63 1.27 0.00	29.34 1.27 0.00	29.15 1.29 0.00	26.12 1.26 0.00	24.97 1.25 0.00	27.73 1.41 0.00	30.27 1.69 0.00	31.57 1.90 0.00	44.16 2.79 -1.24	38.02 2.38 0.00	37.77 1.76 -10.42	67.40 0.99 -52.41	68.24 0.55 -60.13	47.91 0.37 -42.20	53.25 0.47 -45.92	33.37 1.04 -16.71	25.32 1.28 -4.14	25.78 1.40 -1.85	24.32 1.41 -0.36	26.99 1.55 0.00	26.94 1.45 0.00
CRICKET__VALLEY_CC2 323757	33.57 1.54 0.00	35.08 1.61 0.00	31.53 1.40 0.00	27.63 1.27 0.00	29.34 1.27 0.00	29.15 1.29 0.00	26.12 1.26 0.00	24.97 1.25 0.00	27.73 1.41 0.00	30.27 1.69 0.00	31.57 1.90 0.00	44.16 2.79 -1.24	38.02 2.38 0.00	37.77 1.76 -10.42	67.40 0.99 -52.41	68.24 0.55 -60.13	47.91 0.37 -42.20	53.25 0.47 -45.92	33.37 1.04 -16.71	25.32 1.28 -4.14	25.78 1.40 -1.85	24.32 1.41 -0.36	26.99 1.55 0.00	26.94 1.45 0.00
CRICKET__VALLEY_CC3 323758	33.57 1.54 0.00	35.08 1.61 0.00	31.53 1.40 0.00	27.63 1.27 0.00	29.34 1.27 0.00	29.15 1.29 0.00	26.12 1.26 0.00	24.97 1.25 0.00	27.73 1.41 0.00	30.27 1.69 0.00	31.57 1.90 0.00	44.16 2.79 -1.24	38.02 2.38 0.00	37.77 1.76 -10.42	67.40 0.99 -52.41	68.24 0.55 -60.13	47.91 0.37 -42.20	53.25 0.47 -45.92	33.37 1.04 -16.71	25.32 1.28 -4.14	25.78 1.40 -1.85	24.32 1.41 -0.36	26.99 1.55 0.00	26.94 1.45 0.00
CRUCIBLE__METL_DRP 24180	32.09 0.06 0.00	33.50 0.03 0.00	30.15 0.02 0.00	26.40 0.03 0.00	28.10 0.04 0.00	27.89 0.04 0.00	24.89 0.02 0.00	23.67 -0.06 0.00	26.25 -0.07 0.00	28.59 0.01 0.00	29.71 0.04 0.00	40.07 -0.06 0.00	35.51 -0.13 0.00	25.55 -0.05 0.00	13.96 -0.05 0.00	7.52 -0.04 0.00	5.31 -0.02 0.00	6.83 -0.03 0.00	15.54 -0.07 0.00	19.79 -0.10 0.00	22.30 -0.22 0.00	22.33 -0.23 0.00	25.17 -0.27 0.00	25.29 -0.20 0.00
DAHOWA__HYDRO 323763	34.09 2.06 0.00	35.67 2.19 0.00	32.09 1.95 0.00	28.17 1.80 0.00	29.92 1.86 0.00	29.73 1.88 0.00	26.56 1.70 0.00	25.39 1.67 0.00	28.24 1.92 0.00	30.56 1.98 0.00	31.65 1.99 0.00	43.49 2.89 -0.47	38.02 2.37 0.00	31.49 1.68 -4.21	37.36 0.92 -22.43	34.57 0.49 -26.51	24.29 0.35 -18.61	27.60 0.45 -20.28	24.04 1.10 -7.33	22.93 1.38 -1.66	24.44 1.59 -0.33	24.10 1.55 0.00	27.19 1.74 0.00	27.30 1.81 0.00
DANC__LFGE 323619	31.41 -0.63 0.00	32.71 -0.77 0.00	29.40 -0.73 0.00	25.83 -0.53 0.00	27.57 -0.50 0.00	27.37 -0.49 0.00	24.43 -0.44 0.00	23.04 -0.69 0.00	25.60 -0.72 0.00	27.57 -1.01 0.00	28.32 -1.34 0.00	38.23 -1.89 0.00	34.02 -1.62 0.00	24.28 -1.31 0.00	13.24 -0.77 0.00	7.14 -0.43 0.00	5.06 -0.27 0.00	6.49 -0.37 0.00	14.86 -0.75 0.00	19.09 -0.80 0.00	22.04 -0.48 0.00	22.11 -0.44 0.00	24.78 -0.66 0.00	24.91 -0.59 0.00
DANSKAMMER__1 23586	34.24 2.20 0.00	35.73 2.26 0.00	32.07 1.94 0.00	28.08 1.71 0.00	29.84 1.78 0.00	29.64 1.79 0.00	26.56 1.69 0.00	25.40 1.67 0.00	28.25 1.93 0.00	30.91 2.33 0.00	32.25 2.59 0.00	43.86 3.73 0.00	38.82 3.17 0.00	35.23 2.36 -7.28	54.33 1.28 -39.05	54.40 0.70 -46.14	38.21 0.48 -32.40	42.79 0.62 -35.31	29.78 1.41 -12.76	24.53 1.75 -2.89	25.01 1.91 -0.57	24.44 1.88 0.00	27.57 2.13 0.00	27.47 1.97 0.00
DANSKAMMER__2 23589	34.24 2.20 0.00	35.73 2.26 0.00	32.07 1.94 0.00	28.08 1.71 0.00	29.84 1.78 0.00	29.64 1.79 0.00	26.56 1.69 0.00	25.40 1.67 0.00	28.25 1.93 0.00	30.91 2.33 0.00	32.25 2.59 0.00	43.86 3.73 0.00	38.82 3.17 0.00	35.23 2.36 -7.28	54.33 1.28 -39.05	54.40 0.70 -46.14	38.21 0.48 -32.40	42.79 0.62 -35.31	29.78 1.41 -12.76	24.53 1.75 -2.89	25.01 1.91 -0.57	24.44 1.88 0.00	27.57 2.13 0.00	27.47 1.97 0.00
DANSKAMMER__3 23590	34.24 2.20 0.00	35.73 2.26 0.00	32.07 1.94 0.00	28.08 1.71 0.00	29.84 1.78 0.00	29.64 1.79 0.00	26.56 1.69 0.00	25.40 1.67 0.00	28.25 1.93 0.00	30.91 2.33 0.00	32.25 2.59 0.00	43.86 3.73 0.00	38.82 3.17 0.00	35.23 2.36 -7.28	54.33 1.28 -39.05	54.40 0.70 -46.14	38.21 0.48 -32.40	42.79 0.62 -35.31	29.78 1.41 -12.76	24.53 1.75 -2.89	25.01 1.91 -0.57	24.44 1.88 0.00	27.57 2.13 0.00	27.47 1.97 0.00

DANSKAMMER___4 23591	34.24 2.20 0.00	35.73 2.26 0.00	32.07 1.94 0.00	28.08 1.71 0.00	29.84 1.78 0.00	29.64 1.79 0.00	26.56 1.69 0.00	25.40 1.67 0.00	28.25 1.93 0.00	30.91 2.33 0.00	32.25 2.59 0.00	43.86 3.73 0.00	38.82 3.17 0.00	35.23 2.36 -7.28	54.33 1.28 -39.05	54.40 0.70 -46.14	38.21 0.48 -32.40	42.79 0.62 -35.31	29.78 1.41 -12.76	24.53 1.75 -2.89	25.01 1.91 -0.57	24.44 1.88 0.00	27.57 2.13 0.00	27.47 1.97 0.00
DANSKAMMER___DIESEL 23592	34.24 2.20 0.00	35.74 2.26 0.00	32.07 1.94 0.00	28.08 1.71 0.00	29.83 1.78 0.00	29.64 1.79 0.00	26.56 1.69 0.00	25.40 1.67 0.00	28.26 1.93 0.00	30.91 2.33 0.00	32.26 2.59 0.00	43.85 3.72 0.00	38.82 3.18 0.00	35.23 2.36 -7.28	54.33 1.28 -39.05	54.40 0.70 -46.14	38.21 0.48 -32.40	42.79 0.62 -35.31	29.78 1.41 -12.76	24.53 1.75 -2.89	25.01 1.91 -0.57	24.44 1.88 0.00	27.57 2.13 0.00	27.47 1.97 0.00
DARBY___SOLAR 323810	33.93 1.89 0.00	35.50 2.02 0.00	31.94 1.81 0.00	28.03 1.67 0.00	29.78 1.73 0.00	29.59 1.74 0.00	26.43 1.57 0.00	25.26 1.54 0.00	28.08 1.76 0.00	30.39 1.81 0.00	31.48 1.81 0.00	43.27 2.66 -0.48	37.81 2.17 0.00	31.37 1.53 -4.25	37.49 0.85 -22.64	34.77 0.46 -26.75	24.43 0.32 -18.78	27.75 0.42 -20.46	24.02 1.01 -7.40	22.84 1.27 -1.67	24.33 1.47 -0.33	23.99 1.43 0.00	27.05 1.61 0.00	27.16 1.67 0.00
DASHVILLE___HYD 23610	34.02 1.98 0.00	35.49 2.01 0.00	31.80 1.66 0.00	27.83 1.46 0.00	29.58 1.52 0.00	29.38 1.53 0.00	26.33 1.47 0.00	25.18 1.45 0.00	28.04 1.71 0.00	30.70 2.12 0.00	32.06 2.39 0.00	43.50 3.37 0.00	38.53 2.88 0.00	33.00 2.13 -5.28	43.44 1.14 -28.30	41.65 0.64 -33.44	29.26 0.44 -23.48	33.02 0.56 -25.59	26.13 1.27 -9.25	23.55 1.57 -2.09	24.64 1.69 -0.41	24.24 1.69 0.00	27.38 1.93 0.00	27.27 1.78 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.91 2.87 0.00	36.39 2.92 0.00	32.70 2.57 0.00	30.23 2.30 -1.56	30.42 2.36 0.00	30.16 2.31 0.00	33.72 2.30 -6.56	36.89 2.30 -10.86	37.05 2.69 -8.04	36.67 3.28 -4.81	38.78 3.61 -5.50	58.96 5.02 -13.81	91.99 4.41 -51.93	72.83 3.14 -44.11	148.87 1.55 -133.32	107.32 0.88 -98.87	74.87 0.65 -68.89	80.42 0.84 -72.72	46.89 1.81 -29.47	39.62 2.08 -17.64	59.16 2.23 -34.40	36.71 2.49 -11.66	28.56 3.12 0.00	29.64 3.00 -1.15
DELAWARE___LFGE 323621	32.94 0.90 0.00	34.36 0.88 0.00	30.89 0.76 0.00	27.05 0.68 0.00	28.81 0.76 0.00	28.61 0.76 0.00	25.57 0.70 0.00	24.42 0.69 0.00	27.16 0.84 0.00	29.59 1.01 0.00	30.78 1.11 0.00	41.65 1.52 0.00	36.86 1.21 0.00	26.54 0.95 0.00	14.49 0.48 0.00	7.82 0.25 0.00	5.52 0.18 0.00	7.11 0.24 0.00	16.16 0.55 0.00	20.59 0.69 0.00	23.28 0.75 0.00	23.32 0.76 0.00	26.31 0.86 0.00	26.26 0.76 0.00
DERFIELD_115KV_TB7 355931	32.23 0.19 0.00	33.69 0.21 0.00	30.32 0.19 0.00	26.56 0.19 0.00	28.26 0.19 0.00	28.05 0.19 0.00	25.04 0.17 0.00	23.89 0.17 0.00	26.50 0.18 0.00	28.78 0.20 0.00	29.90 0.24 0.00	40.46 0.32 0.00	35.89 0.24 0.00	25.79 0.20 0.00	14.12 0.11 0.00	7.63 0.06 0.00	5.37 0.04 0.00	6.91 0.05 0.00	15.72 0.11 0.00	20.03 0.14 0.00	22.70 0.17 0.00	22.72 0.16 0.00	25.61 0.17 0.00	25.67 0.18 0.00
DOGLEVILLE___HYD 23807	32.24 0.21 0.00	33.84 0.36 0.00	30.55 0.41 0.00	26.70 0.33 0.00	28.53 0.47 0.00	28.38 0.53 0.00	25.27 0.40 0.00	24.19 0.46 0.00	26.84 0.52 0.00	28.96 0.38 0.00	30.19 0.53 0.00	40.97 0.84 0.00	36.17 0.52 0.00	25.92 0.33 0.00	14.24 0.23 0.00	7.64 0.07 0.00	5.40 0.06 0.00	6.95 0.09 0.00	15.80 0.19 0.00	20.24 0.35 0.00	23.02 0.50 0.00	22.99 0.43 0.00	25.86 0.42 0.00	25.81 0.32 0.00
DUNKIRK___115KV_TB_200 55889	30.86 -1.18 0.00	32.15 -1.33 0.00	28.87 -1.26 0.00	25.29 -1.08 0.00	27.10 -0.96 0.00	27.16 -0.69 0.00	24.18 -0.68 0.00	23.01 -0.72 0.00	25.53 -0.79 0.00	28.00 -0.58 0.00	28.92 -0.74 0.00	37.43 -1.75 0.95	33.56 -2.05 0.03	23.49 -1.18 0.92	13.22 -0.77 0.02	7.11 -0.42 0.03	5.08 -0.25 0.00	6.58 -0.29 0.00	14.82 -0.80 0.00	18.99 -0.90 0.00	21.56 -0.97 0.00	21.48 -1.09 0.00	24.38 -1.07 0.00	24.40 -1.10 0.00
DUNKIRK___1 23563	30.86 -1.18 0.00	32.15 -1.33 0.00	28.87 -1.26 0.00	25.29 -1.08 0.00	27.10 -0.96 0.00	27.16 -0.69 0.00	24.18 -0.68 0.00	23.01 -0.72 0.00	25.53 -0.79 0.00	28.00 -0.58 0.00	28.92 -0.74 0.00	37.43 -1.75 0.95	33.56 -2.05 0.03	23.49 -1.18 0.92	13.22 -0.77 0.02	7.11 -0.42 0.03	5.08 -0.25 0.00	6.58 -0.29 0.00	14.82 -0.80 0.00	18.99 -0.90 0.00	21.56 -0.97 0.00	21.48 -1.09 0.00	24.38 -1.07 0.00	24.40 -1.10 0.00
DUNKIRK___2 23564	30.86 -1.18 0.00	32.15 -1.33 0.00	28.87 -1.26 0.00	25.29 -1.08 0.00	27.10 -0.96 0.00	27.16 -0.69 0.00	24.18 -0.68 0.00	23.01 -0.72 0.00	25.53 -0.79 0.00	28.00 -0.58 0.00	28.92 -0.74 0.00	37.43 -1.75 0.95	33.56 -2.05 0.03	23.49 -1.18 0.92	13.22 -0.77 0.02	7.11 -0.42 0.03	5.08 -0.25 0.00	6.58 -0.29 0.00	14.82 -0.80 0.00	18.99 -0.90 0.00	21.56 -0.97 0.00	21.48 -1.09 0.00	24.38 -1.07 0.00	24.40 -1.10 0.00
DUNKIRK___3 23565	30.84 -1.20 0.00	32.10 -1.38 0.00	28.88 -1.26 0.00	25.30 -1.07 0.00	27.10 -0.95 0.00	27.09 -0.76 0.00	24.08 -0.78 0.00	22.86 -0.87 0.00	25.36 -0.96 0.00	27.83 -0.75 0.00	28.78 -0.88 0.00	37.20 -1.91 1.03	33.42 -2.18 0.04	23.33 -1.27 0.99	13.19 -0.80 0.02	7.10 -0.43 0.04	5.07 -0.26 0.00	6.56 -0.30 0.00	14.79 -0.82 0.00	18.96 -0.93 0.00	21.48 -1.05 0.00	21.41 -1.14 0.00	24.28 -1.16 0.00	24.27 -1.22 0.00
DUNKIRK___4 23566	30.84 -1.20 0.00	32.10 -1.38 0.00	28.88 -1.26 0.00	25.30 -1.07 0.00	27.10 -0.95 0.00	27.09 -0.76 0.00	24.08 -0.78 0.00	22.86 -0.87 0.00	25.36 -0.96 0.00	27.83 -0.75 0.00	28.78 -0.88 0.00	37.20 -1.91 1.03	33.42 -2.18 0.04	23.33 -1.27 0.99	13.19 -0.80 0.02	7.10 -0.43 0.04	5.07 -0.26 0.00	6.56 -0.30 0.00	14.79 -0.82 0.00	18.96 -0.93 0.00	21.48 -1.05 0.00	21.41 -1.14 0.00	24.28 -1.16 0.00	24.27 -1.22 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.25 2.22 0.00	35.74 2.27 0.00	32.09 1.96 0.00	28.08 1.71 0.00	29.84 1.78 0.00	29.64 1.79 0.00	26.56 1.70 0.00	25.41 1.68 0.00	28.24 1.92 0.00	30.90 2.31 0.00	32.23 2.56 0.00	46.75 3.61 -3.02	38.71 3.06 0.00	70.92 2.29 -43.05	148.13 1.28 -132.85	107.92 0.70 -99.64	76.06 0.49 -70.24	81.97 0.62 -74.50	47.54 1.40 -30.52	40.11 1.75 -18.47	60.92 1.92 -36.47	35.81 1.91 -11.34	27.70 2.26 0.00	27.60 2.11 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.96 1.93 0.00	35.46 1.98 0.00	31.82 1.69 0.00	27.86 1.49 0.00	29.61 1.55 0.00	29.41 1.56 0.00	26.34 1.48 0.00	25.18 1.46 0.00	28.00 1.68 0.00	30.61 2.03 0.00	31.94 2.27 0.00	42.46 3.24 0.90	38.40 2.75 0.00	32.42 2.07 -4.76	40.90 1.15 -25.75	38.62 0.63 -30.43	27.11 0.44 -21.34	30.68 0.56 -23.26	25.29 1.27 -8.41	23.36 1.57 -1.90	24.62 1.72 -0.37	24.25 1.69 0.00	27.38 1.94 0.00	27.29 1.80 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	34.37 2.33 0.00	35.87 2.39 0.00	32.21 2.08 0.00	28.21 1.84 0.00	29.98 1.92 0.00	29.76 1.91 0.00	26.72 1.86 0.00	25.55 1.83 0.00	28.38 2.06 0.00	31.07 2.48 0.00	32.35 2.69 0.00	46.92 3.77 -3.02	38.90 3.26 0.00	71.02 2.37 -43.06	148.22 1.33 -132.89	107.98 0.73 -99.69	76.12 0.51 -70.27	82.06 0.65 -74.54	47.65 1.50 -30.54	40.24 1.87 -18.48	61.06 2.05 -36.48	35.94 2.04 -11.34	27.86 2.41 0.00	27.74 2.25 0.00
E179THST_13_KV_LOAD 356214	34.56 2.52 0.00	36.06 2.58 0.00	32.38 2.25 0.00	28.35 1.99 0.00	30.13 2.07 0.00	29.91 2.06 0.00	26.86 1.99 0.00	25.68 1.95 0.00	28.53 2.21 0.00	31.24 2.65 0.00	32.54 2.88 0.00	47.17 4.02 -3.02	39.14 3.50 0.00	71.18 2.54 -43.06	148.31 1.41 -132.89	108.04 0.78 -99.69	76.15 0.55 -70.27	82.10 0.70 -74.54	47.74 1.59 -30.54	40.37 2.00 -18.48	61.20 2.19 -36.48	36.08 2.18 -11.34	28.01 2.57 0.00	27.89 2.40 0.00
EAST HAMPTON___GT 23717	34.72 2.69 0.00	36.19 2.72 0.00	32.50 2.37 0.00	30.05 2.12 -1.56	30.22 2.17 0.00	29.97 2.11 0.00	33.61 2.19 -6.56	36.81 2.22 -10.86	36.99 2.63 -8.04	36.67 3.28 -4.81	38.80 3.64 -5.50	59.05 5.11 -13.81	92.00 4.42 -51.93	72.71 3.01 -44.11	148.72 1.40 -133.32	107.30 0.87 -98.87	74.86 0.64 -68.89	80.42 0.84 -72.72	46.87 1.79 -29.46	39.56 2.02 -17.64	59.11 2.18 -34.40	36.78 2.56 -11.66	28.65 3.20 0.00	29.77 3.12 -1.16
EAST RIVER___6 23660	34.47 2.43 0.00	35.94 2.47 0.00	32.25 2.12 0.00	28.22 1.85 0.00	29.99 1.93 0.00	29.76 1.91 0.00	26.69 1.83 0.00	25.55 1.82 0.00	28.38 2.06 0.00	31.08 2.50 0.00	32.42 2.76 0.00	47.01 3.86 -3.02	38.92 3.28 0.00	71.05 2.40 -43.06	148.24 1.33 -132.91	108.01 0.73 -99.70	76.13 0.51 -70.29	82.05 0.64 -74.55	47.64 1.48 -30.54	40.24 1.86 -18.48	61.04 2.04 -36.48	35.94 2.04 -11.34	27.88 2.44 0.00	27.73 2.24 0.00
EAST RIVER___7 23524	34.47 2.43 0.00	35.94 2.47 0.00	32.25 2.12 0.00	28.22 1.85 0.00	29.99 1.93 0.00	29.76 1.91 0.00	26.69 1.83 0.00	25.55 1.82 0.00	28.38 2.06 0.00	31.08 2.50 0.00	32.42 2.76 0.00	47.01 3.86 -3.02	38.92 3.28 0.00	71.05 2.40 -43.06	148.24 1.33 -132.91	108.01 0.73 -99.70	76.13 0.51 -70.29	82.05 0.64 -74.55	47.64 1.48 -30.54	40.24 1.86 -18.48	61.04 2.04 -36.48	35.94 2.04 -11.34	27.88 2.44 0.00	27.73 2.24 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.17 2.13 0.00	35.67 2.19 0.00	32.01 1.88 0.00	28.02 1.65 0.00	29.78 1.73 0.00	29.58 1.73 0.00	26.50 1.64 0.00	25.35 1.62 0.00	28.17 1.84 0.00	30.81 2.23 0.00	32.14 2.47 0.00	46.84 3.49 -3.22	38.61 2.97 0.00	71.81 2.22 -44.00	152.31 1.25 -137.05	112.06 0.69 -103.81	78.42 0.48 -72.61	84.48 0.61 -77.01	48.45 1.37 -31.47	40.41 1.71 -18.82	61.29 1.87 -36.90	35.88 1.86 -11.46	27.64 2.19 0.00	27.54 2.05 0.00
EAST_HAMPTON___DIESEL 23722	34.65 2.61 0.00	36.11 2.63 0.00	32.43 2.30 0.00	29.97 2.04 -1.56	30.15 2.09 0.00	29.89 2.04 0.00	33.55 2.13 -6.56	36.76 2.16 -10.86	36.93 2.57 -8.04	36.61 3.22 -4.81	38.74 3.57 -5.50	58.97 5.03 -13.81	91.93 4.36 -51.93	72.66 2.96 -44.11	148.70 1.37 -133.32	107.29 0.85 -98.87	74.85 0.63 -68.89	80.41 0.83 -72.72	46.84 1.76 -29.46	39.51 1.98 -17.64	59.07 2.14 -34.40	36.74 2.52 -11.66	28.60 3.16 0.00	29.73 3.09 -1.16
EAST_POINT___SOLAR 323840	34.17 2.14 0.00	35.55 2.07 0.00	31.87 1.74 0.00	27.81 1.45 0.00	29.72 1.66 0.00	29.51 1.66 0.00	26.14 1.28 0.00	25.02 1.29 0.00	27.65 1.33 0.00	29.40 0.82 0.00	30.68 1.02 0.00	41.31 1.18 0.00	36.64 0.99 0.00	29.33 0.67 -3.07	30.92 0.58 -16.33	27.07 0.20 -19.30	19.09 0.21 -13.55	21.93 0.30 -14.77	21.53 0.58 -5.34	22.19 1.09 -1.21	24.35 1.59 -0.24	24.11 1.56 0.00	27.14 1.70 0.00	27.02 1.53 0.00
EAST_PULASKI___ESR 323781	31.64 -0.39 0.00	32.94 -0.54 0.00	29.63 -0.50 0.00	25.98 -0.39 0.00	27.68 -0.38 0.00	27.47 -0.38 0.00	24.51 -0.35 0.00	23.23 -0.49 0.00	25.78 -0.54 0.00	27.93 -0.66 0.00	28.86 -0.80 0.00	38.94 -1.19 0.00	34.55 -1.10 0.00	24.78 -0.81 0.00	13.53 -0.47 0.00	7.30 -0.27 0.00	5.16 -0.18 0.00	6.64 -0.23 0.00	15.13 -0.48 0.00	19.36 -0.53 0.00	22.06 -0.47 0.00	22.10 -0.45 0.00	24.85 -0.59 0.00	24.96 -0.53 0.00
EAST_RIVER___1 323558	34.41 2.38 0.00	35.90 2.42 0.00	32.22 2.09 0.00	28.19 1.82 0.00	29.97 1.91 0.00	29.76 1.91 0.00	26.68 1.82 0.00	25.54 1.81 0.00	28.38 2.06 0.00	31.07 2.49 0.00	32.41 2.75 0.00	47.00 3.86 -3.02	38.90 3.26 0.00	71.04 2.39 -43.06	148.24 1.33 -132.91	108.00 0.73 -99.70	76.13 0.51 -70.29	82.05 0.64 -74.55	47.63 1.48 -30.54	40.22 1.85 -18.48	61.04 2.04 -36.48	35.94 2.03 -11.34	27.86 2.41 0.00	27.73 2.24 0.00
EAST_RIVER___2 323559	34.47 2.43 0.00	35.94 2.47 0.00	32.25 2.12 0.00	28.22 1.85 0.00	29.99 1.93 0.00	29.76 1.91 0.00	26.69 1.83 0.00	25.55 1.82 0.00	28.38 2.06 0.00	31.08 2.50 0.00	32.42 2.76 0.00	47.01 3.86 -3.02	38.92 3.28 0.00	71.05 2.40 -43.06	148.24 1.33 -132.91	108.01 0.73 -99.70	76.13 0.51 -70.29	82.05 0.64 -74.55	47.64 1.48 -30.54	40.24 1.86 -18.48	61.04 2.04 -36.48	35.94 2.04 -11.34	27.88 2.44 0.00	27.73 2.24 0.00
EAST___DELAWARE_HYD 23607	33.07 1.04 0.00	34.48 1.01 0.00	30.92 0.78 0.00	27.04 0.67 0.00	28.73 0.67 0.00	28.53 0.68 0.00	25.56 0.70 0.00	24.44 0.71 0.00	27.23 0.91 0.00	29.74 1.16 0.00	31.09 1.43 0.00	41.64 2.14 0.63	37.30 1.66 0.00	26.20 0.61 0.00	14.35 0.34 0.00	7.77 0.20 0.00	5.48 0.15 0.00	7.08 0.21 0.00	16.08 0.47 0.00	20.45 0.55 0.00	23.16 0.64 0.00	23.61 1.05 0.00	26.65 1.21 0.00	26.53 1.03 0.00
EIGHT_POINT___WT_PWR 323820	30.29 -1.75 0.00	31.51 -1.96 0.00	28.53 -1.60 0.00	25.20 -1.17 0.00	27.14 -0.92 0.00	26.80 -1.05 0.00	24.03 -0.84 0.00	23.09 -0.64 0.00	25.72 -0.60 0.00	28.16 -0.42 0.00	29.13 -0.54 0.00	41.80 -1.86 -3.53	33.22 -2.54 -0.12	27.12 -1.89 -3.41	12.87 -1.20 -0.06	7.00 -0.70 -0.13	4.86 -0.47 0.00	6.29 -0.57 0.00	14.48 -1.13 0.00	18.84 -1.05 0.00	21.41 -1.12 0.00	21.43 -1.13 0.00	23.87 -1.57 0.00	23.97 -1.52 0.00
ELBRIDGE_115KV_TB2 80188	31.91 -0.12 0.00	33.33 -0.15 0.00	30.01 -0.12 0.00	26.28 -0.08 0.00	27.96 -0.10 0.00	27.77 -0.08 0.00	24.77 -0.09 0.00	23.55 -0.18 0.00	26.12 -0.21 0.00	28.43 -0.15 0.00	29.54 -0.12 0.00	39.80 -0.33 0.00	35.31 -0.34 0.00	25.40 -0.19 0.00	13.86 -0.14 0.00	7.48 -0.09 0.00	5.28 -0.05 0.00	6.80 -0.07 0.00	15.45 -0.16 0.00	19.71 -0.18 0.00	22.24 -0.29 0.00	22.26 -0.30 0.00	25.08 -0.36 0.00	25.19 -0.31 0.00
ELEC_TRO_TEK 24086	34.61 2.57 0.00	36.13 2.66 0.00	32.46 2.33 0.00	29.99 2.06 -1.56	30.20 2.14 0.00	29.95 2.10 0.00	33.44 2.02 -6.56	36.58 1.99 -10.86	36.62 2.26 -8.04	36.09 2.70 -4.81	38.13 2.96 -5.50	58.03 4.09 -13.81	91.12 3.55 -51.93	72.26 2.56 -44.11	148.72 1.40 -133.32	108.45 0.76 -100.12	76.45 0.53 -70.58	82.40 0.67 -74.87	47.77 1.49 -30.66	40.20 1.79 -18.52	60.98 1.93 -36.52	36.83 2.02 -12.26	27.99 2.54 0.00	29.06 2.41 -1.15

ELLENBURG_WT_PWR 323604	30.95 -1.09 0.00	32.56 -0.92 0.00	29.18 -0.95 0.00	25.40 -0.97 0.00	27.30 -0.75 0.00	27.21 -0.64 0.00	24.16 -0.70 0.00	23.08 -0.65 0.00	25.58 -0.74 0.00	27.43 -1.15 0.00	28.30 -1.36 0.00	37.91 -2.22 0.00	34.42 -1.22 0.00	24.56 -1.03 0.00	13.48 -0.53 0.00	7.27 -0.29 0.00	5.15 -0.19 0.00	6.69 -0.17 0.00	15.41 -0.20 0.00	19.67 -0.22 0.00	22.39 -0.14 0.00	22.42 -0.14 0.00	25.14 -0.30 0.00	25.24 -0.26 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.60 -1.44 0.00	31.85 -1.63 0.00	28.76 -1.38 0.00	25.20 -1.17 0.00	27.00 -1.06 0.00	26.84 -1.01 0.00	23.78 -1.09 0.00	22.37 -1.35 0.00	24.81 -1.51 0.00	27.26 -1.32 0.00	28.27 -1.40 0.00	36.43 -2.60 1.11	32.85 -2.75 0.04	22.83 -1.69 1.07	12.99 -1.00 0.02	7.01 -0.51 0.04	5.02 -0.32 0.00	6.50 -0.37 0.00	14.64 -0.97 0.00	18.79 -1.11 0.00	21.23 -1.30 0.00	21.22 -1.34 0.00	23.92 -1.52 0.00	23.85 -1.64 0.00
EMPIRE_CC_1 323656	32.70 0.66 0.00	34.31 0.83 0.00	30.96 0.83 0.00	27.27 0.90 0.00	28.85 0.79 0.00	28.67 0.82 0.00	25.68 0.81 0.00	24.55 0.83 0.00	27.18 0.86 0.00	29.44 0.86 0.00	30.59 0.92 0.00	42.25 1.47 -0.65	36.83 1.18 0.00	32.01 0.89 -5.54	44.06 0.55 -29.50	42.74 0.31 -34.86	30.01 0.21 -24.47	33.79 0.26 -26.67	25.80 0.55 -9.64	22.73 0.66 -2.18	23.75 0.80 -0.43	23.33 0.77 0.00	26.20 0.76 0.00	26.30 0.81 0.00
EMPIRE_CC_2 323658	32.70 0.66 0.00	34.31 0.83 0.00	30.96 0.83 0.00	27.27 0.90 0.00	28.85 0.79 0.00	28.67 0.82 0.00	25.68 0.81 0.00	24.55 0.83 0.00	27.18 0.86 0.00	29.44 0.86 0.00	30.59 0.92 0.00	42.25 1.47 -0.65	36.83 1.18 0.00	32.01 0.89 -5.54	44.06 0.55 -29.50	42.74 0.31 -34.86	30.01 0.21 -24.47	33.79 0.26 -26.67	25.80 0.55 -9.64	22.73 0.66 -2.18	23.75 0.80 -0.43	23.33 0.77 0.00	26.20 0.76 0.00	26.30 0.81 0.00
ENORWICH_115KV_TB1 80156	33.14 1.10 0.00	34.53 1.05 0.00	31.13 1.00 0.00	27.40 1.03 0.00	29.29 1.23 0.00	29.18 1.33 0.00	25.96 1.10 0.00	24.87 1.14 0.00	27.68 1.35 0.00	30.04 1.46 0.00	31.13 1.47 0.00	42.28 1.99 -0.16	37.48 1.83 0.00	27.07 1.32 -0.15	14.41 0.40 0.00	7.76 0.19 0.00	5.46 0.12 0.00	7.11 0.24 0.00	16.14 0.53 0.00	20.87 0.98 0.00	23.53 1.01 0.00	23.74 1.18 0.00	26.59 1.14 0.00	26.37 0.88 0.00
ERIE_ST__34_KV_TB1-2 80199	31.07 -0.97 0.00	32.30 -1.18 0.00	29.13 -1.01 0.00	25.50 -0.86 0.00	27.32 -0.74 0.00	27.16 -0.70 0.00	24.03 -0.83 0.00	22.68 -1.04 0.00	25.17 -1.15 0.00	27.66 -0.92 0.00	28.71 -0.96 0.00	37.27 -1.93 0.93	33.45 -2.16 0.03	23.45 -1.24 0.90	13.22 -0.77 0.02	7.14 -0.40 0.03	5.10 -0.24 0.00	6.59 -0.27 0.00	14.87 -0.74 0.00	19.06 -0.83 0.00	21.53 -1.00 0.00	21.52 -1.04 0.00	24.27 -1.18 0.00	24.17 -1.32 0.00
ERIE_WT_PWR 323693	30.76 -1.28 0.00	31.99 -1.48 0.00	28.86 -1.27 0.00	25.29 -1.08 0.00	27.11 -0.95 0.00	26.96 -0.89 0.00	23.90 -0.96 0.00	22.53 -1.20 0.00	25.00 -1.33 0.00	27.45 -1.13 0.00	28.46 -1.21 0.00	36.75 -2.33 1.05	33.10 -2.50 0.04	23.05 -1.52 1.02	13.08 -0.91 0.02	7.06 -0.47 0.04	5.05 -0.28 0.00	6.53 -0.33 0.00	14.74 -0.87 0.00	18.92 -0.98 0.00	21.36 -1.16 0.00	21.34 -1.22 0.00	24.07 -1.37 0.00	23.99 -1.51 0.00
ESPRGFLD_115KV_TB1 80157	33.45 1.41 0.00	34.79 1.31 0.00	31.17 1.04 0.00	27.20 0.83 0.00	29.09 1.04 0.00	28.89 1.03 0.00	25.76 0.89 0.00	24.54 0.82 0.00	27.36 1.04 0.00	29.72 1.14 0.00	30.87 1.20 0.00	41.60 1.47 0.00	36.82 1.18 0.00	26.51 0.92 0.00	14.43 0.42 0.00	7.75 0.18 0.00	5.48 0.14 0.00	7.09 0.23 0.00	16.13 0.51 0.00	20.71 0.81 0.00	23.55 1.03 0.00	23.55 0.99 0.00	26.60 1.16 0.00	26.45 0.96 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.53 0.49 0.00	33.91 0.44 0.00	30.51 0.38 0.00	26.75 0.38 0.00	28.50 0.44 0.00	28.31 0.45 0.00	25.25 0.39 0.00	24.06 0.33 0.00	26.67 0.35 0.00	29.03 0.44 0.00	30.10 0.43 0.00	40.89 0.48 -0.28	36.14 0.48 -0.01	26.22 0.36 -0.27	14.12 0.11 0.00	7.63 0.06 -0.01	5.38 0.05 0.00	6.94 0.08 0.00	15.79 0.17 0.00	20.21 0.32 0.00	22.79 0.26 0.00	22.85 0.29 0.00	25.74 0.30 0.00	25.73 0.24 0.00
ETNA____115KV_TB2 80207	32.53 0.49 0.00	33.91 0.44 0.00	30.51 0.38 0.00	26.75 0.38 0.00	28.50 0.44 0.00	28.31 0.45 0.00	25.25 0.39 0.00	24.06 0.33 0.00	26.67 0.35 0.00	29.03 0.44 0.00	30.10 0.43 0.00	40.89 0.48 -0.28	36.14 0.48 -0.01	26.22 0.36 -0.27	14.12 0.11 0.00	7.63 0.06 -0.01	5.38 0.05 0.00	6.94 0.08 0.00	15.79 0.17 0.00	20.21 0.32 0.00	22.79 0.26 0.00	22.85 0.29 0.00	25.74 0.30 0.00	25.73 0.24 0.00
EUCLID__115KV_TB2 356179	31.79 -0.25 0.00	33.17 -0.31 0.00	29.86 -0.28 0.00	26.14 -0.23 0.00	27.83 -0.22 0.00	27.62 -0.23 0.00	24.63 -0.23 0.00	23.43 -0.29 0.00	25.96 -0.36 0.00	28.29 -0.29 0.00	29.38 -0.28 0.00	39.63 -0.50 0.00	35.11 -0.53 0.00	25.26 -0.33 0.00	13.81 -0.20 0.00	7.44 -0.12 0.00	5.25 -0.08 0.00	6.77 -0.10 0.00	15.37 -0.24 0.00	19.59 -0.31 0.00	22.13 -0.40 0.00	22.16 -0.40 0.00	24.97 -0.47 0.00	25.09 -0.40 0.00
E_CANADA_CAP_HY 24051	33.85 1.81 0.00	35.21 1.74 0.00	31.54 1.41 0.00	27.49 1.13 0.00	29.41 1.36 0.00	29.20 1.35 0.00	25.99 1.13 0.00	24.75 1.03 0.00	27.53 1.21 0.00	29.68 1.10 0.00	30.79 1.13 0.00	41.50 1.37 0.00	36.67 1.03 0.00	29.05 0.77 -2.69	28.78 0.42 -14.35	24.67 0.15 -16.95	17.37 0.14 -11.90	20.06 0.23 -12.97	20.80 0.50 -4.69	21.85 0.90 -1.06	23.95 1.22 -0.21	23.74 1.18 0.00	26.75 1.31 0.00	26.67 1.18 0.00
E_CANADA_MHWK_HY 24050	32.24 0.21 0.00	33.84 0.36 0.00	30.55 0.41 0.00	26.70 0.33 0.00	28.53 0.47 0.00	28.38 0.53 0.00	25.27 0.40 0.00	24.19 0.46 0.00	26.84 0.52 0.00	28.96 0.38 0.00	30.19 0.53 0.00	40.97 0.84 0.00	36.17 0.52 0.00	25.92 0.33 0.00	14.24 0.23 0.00	7.64 0.07 0.00	5.40 0.06 0.00	6.95 0.09 0.00	15.80 0.19 0.00	20.24 0.35 0.00	23.02 0.50 0.00	22.99 0.43 0.00	25.86 0.42 0.00	25.81 0.32 0.00
E_FISHKILL__LBMP 23776	33.84 1.80 0.00	35.34 1.86 0.00	31.75 1.62 0.00	27.80 1.43 0.00	29.53 1.47 0.00	29.33 1.48 0.00	26.28 1.42 0.00	25.13 1.40 0.00	27.91 1.59 0.00	30.49 1.91 0.00	31.79 2.13 0.00	44.22 3.03 -1.05	38.22 2.57 0.00	38.93 1.91 -11.43	73.12 1.06 -58.05	74.88 0.58 -66.73	52.63 0.40 -46.89	58.42 0.51 -51.04	35.33 1.16 -18.57	25.89 1.43 -4.56	26.03 1.57 -1.94	24.48 1.56 -0.36	27.24 1.79 0.00	27.17 1.68 0.00
FALCON___SEABRD_CC1 323796	31.23 -0.80 0.00	32.90 -0.58 0.00	29.50 -0.63 0.00	25.66 -0.71 0.00	27.61 -0.45 0.00	27.53 -0.32 0.00	24.45 -0.42 0.00	23.38 -0.35 0.00	25.90 -0.42 0.00	27.72 -0.86 0.00	28.67 -0.99 0.00	38.30 -1.83 0.00	34.81 -0.84 0.00	24.83 -0.76 0.00	13.65 -0.36 0.00	7.36 -0.21 0.00	5.21 -0.12 0.00	6.77 -0.09 0.00	15.60 -0.01 0.00	19.92 0.02 0.00	22.66 0.13 0.00	22.69 0.13 0.00	25.42 -0.03 0.00	25.53 0.04 0.00

FALCON___SEABRD_CC2 323797	31.23 -0.80 0.00	32.90 -0.58 0.00	29.50 -0.63 0.00	25.66 -0.71 0.00	27.61 -0.45 0.00	27.53 -0.32 0.00	24.45 -0.42 0.00	23.38 -0.35 0.00	25.90 -0.42 0.00	27.72 -0.86 0.00	28.67 -0.99 0.00	38.30 -1.83 0.00	34.81 -0.84 0.00	24.83 -0.76 0.00	13.65 -0.36 0.00	7.36 -0.21 0.00	5.21 -0.12 0.00	6.77 -0.09 0.00	15.60 -0.01 0.00	19.92 0.02 0.00	22.66 0.13 0.00	22.69 0.13 0.00	25.42 -0.03 0.00	25.53 0.04 0.00
FAR ROCKAWAY___4 23548	35.05 3.02 0.00	36.59 3.11 0.00	32.84 2.71 0.00	30.32 2.39 -1.56	30.54 2.49 0.00	30.31 2.46 0.00	33.74 2.32 -6.56	36.88 2.28 -10.86	36.96 2.61 -8.04	36.51 3.12 -4.81	38.61 3.44 -5.50	58.77 4.83 -13.81	91.41 3.84 -51.93	72.50 2.80 -44.11	148.74 1.42 -133.32	108.46 0.77 -100.12	76.46 0.54 -70.58	82.43 0.70 -74.87	47.81 1.54 -30.66	40.23 1.82 -18.52	61.00 1.94 -36.52	36.90 2.08 -12.26	28.44 3.00 0.00	29.50 2.86 -1.15
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.44 2.40 0.00	35.91 2.44 0.00	32.23 2.10 0.00	28.20 1.83 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.69 1.83 0.00	25.55 1.82 0.00	28.40 2.08 0.00	31.09 2.51 0.00	32.44 2.77 0.00	47.02 3.87 -3.02	38.92 3.28 0.00	71.06 2.41 -43.06	148.25 1.34 -132.90	108.01 0.74 -99.70	76.13 0.51 -70.28	82.05 0.64 -74.54	47.63 1.48 -30.54	40.24 1.87 -18.48	61.06 2.06 -36.48	35.94 2.05 -11.34	27.87 2.43 0.00	27.75 2.25 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.45 2.41 0.00	35.93 2.46 0.00	32.25 2.12 0.00	28.22 1.85 0.00	30.00 1.94 0.00	29.79 1.93 0.00	26.71 1.84 0.00	25.56 1.83 0.00	28.41 2.09 0.00	31.11 2.53 0.00	32.45 2.79 0.00	47.04 3.90 -3.02	38.96 3.31 0.00	71.08 2.44 -43.06	148.26 1.35 -132.90	108.01 0.74 -99.70	76.13 0.51 -70.28	82.05 0.65 -74.54	47.65 1.50 -30.54	40.25 1.88 -18.48	61.08 2.07 -36.48	35.97 2.07 -11.34	27.90 2.45 0.00	27.76 2.27 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.41 2.38 0.00	35.90 2.42 0.00	32.22 2.08 0.00	28.19 1.82 0.00	29.97 1.91 0.00	29.75 1.90 0.00	26.67 1.81 0.00	25.53 1.81 0.00	28.38 2.06 0.00	31.07 2.48 0.00	32.41 2.75 0.00	46.99 3.85 -3.02	38.90 3.26 0.00	71.04 2.39 -43.06	148.24 1.33 -132.90	108.00 0.73 -99.70	76.12 0.51 -70.28	82.05 0.64 -74.54	47.63 1.48 -30.54	40.22 1.85 -18.48	61.04 2.04 -36.48	35.94 2.03 -11.34	27.86 2.41 0.00	27.73 2.24 0.00
FARRAGUT___LBMP 323566	34.38 2.35 0.00	35.87 2.39 0.00	32.19 2.06 0.00	28.16 1.80 0.00	29.95 1.89 0.00	29.73 1.88 0.00	26.66 1.80 0.00	25.51 1.79 0.00	28.36 2.04 0.00	31.04 2.46 0.00	32.38 2.72 0.00	46.96 3.81 -3.02	38.87 3.23 0.00	71.01 2.37 -43.06	148.23 1.31 -132.90	107.99 0.72 -99.70	76.12 0.50 -70.28	82.04 0.63 -74.54	47.62 1.46 -30.54	40.21 1.84 -18.48	61.02 2.02 -36.48	35.91 2.01 -11.34	27.83 2.39 0.00	27.71 2.21 0.00
FENNER___WINDPWR 24204	32.52 0.48 0.00	33.92 0.45 0.00	30.52 0.39 0.00	26.77 0.40 0.00	28.47 0.41 0.00	28.28 0.43 0.00	25.19 0.32 0.00	24.02 0.29 0.00	26.62 0.30 0.00	28.98 0.40 0.00	30.03 0.36 0.00	40.62 0.49 0.00	36.09 0.45 0.00	25.96 0.37 0.00	14.14 0.13 0.00	7.63 0.07 0.00	5.38 0.05 0.00	6.93 0.07 0.00	15.75 0.14 0.00	20.18 0.28 0.00	22.87 0.34 0.00	22.91 0.34 0.00	25.77 0.32 0.00	25.78 0.29 0.00
FIBERTEK___ENERGY 23856	32.09 0.06 0.00	33.50 0.03 0.00	30.15 0.02 0.00	26.40 0.03 0.00	28.10 0.04 0.00	27.89 0.04 0.00	24.89 0.02 0.00	23.67 -0.06 0.00	26.25 -0.07 0.00	28.59 0.01 0.00	29.71 0.04 0.00	40.07 -0.06 0.00	35.51 -0.13 0.00	25.55 -0.05 0.00	13.96 -0.05 0.00	7.52 -0.04 0.00	5.31 -0.02 0.00	6.83 -0.03 0.00	15.54 -0.07 0.00	19.79 -0.10 0.00	22.30 -0.22 0.00	22.33 -0.23 0.00	25.17 -0.27 0.00	25.29 -0.20 0.00
FITZPATRICK____ 23598	31.35 -0.69 0.00	32.73 -0.74 0.00	29.46 -0.67 0.00	25.79 -0.57 0.00	27.45 -0.60 0.00	27.25 -0.60 0.00	24.30 -0.56 0.00	23.12 -0.61 0.00	25.60 -0.72 0.00	27.85 -0.73 0.00	28.91 -0.76 0.00	38.97 -1.16 0.00	34.56 -1.09 0.00	24.87 -0.72 0.00	13.59 -0.42 0.00	7.33 -0.24 0.00	5.17 -0.16 0.00	6.66 -0.21 0.00	15.14 -0.48 0.00	19.29 -0.61 0.00	21.79 -0.73 0.00	21.82 -0.74 0.00	24.60 -0.84 0.00	24.75 -0.74 0.00
FLOWRFLD_69_KV_BK1 356044	34.84 2.80 0.00	36.38 2.90 0.00	32.75 2.61 0.00	30.27 2.35 -1.56	30.48 2.42 0.00	30.21 2.36 0.00	33.71 2.29 -6.56	36.84 2.24 -10.86	36.91 2.55 -8.04	36.39 3.00 -4.81	38.47 3.30 -5.50	58.48 4.55 -13.81	91.62 4.05 -51.93	72.55 2.84 -44.11	148.80 1.48 -133.32	106.43 0.78 -98.08	73.70 0.55 -67.82	78.93 0.70 -71.37	45.85 1.53 -28.71	38.80 1.82 -17.09	57.51 1.92 -33.06	36.00 2.16 -11.29	28.26 2.82 0.00	29.36 2.72 -1.15
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.31 2.27 0.00	35.81 2.33 0.00	32.14 2.01 0.00	28.14 1.77 0.00	29.89 1.84 0.00	29.70 1.85 0.00	26.61 1.74 0.00	25.46 1.73 0.00	28.32 2.00 0.00	30.99 2.40 0.00	32.34 2.68 0.00	43.98 3.85 0.00	38.94 3.29 0.00	35.81 2.44 -7.78	57.02 1.32 -41.69	57.56 0.72 -49.27	40.43 0.49 -34.60	45.21 0.64 -37.71	30.69 1.44 -13.63	24.78 1.80 -3.08	25.11 1.97 -0.61	24.49 1.93 0.00	27.63 2.19 0.00	27.52 2.02 0.00
FORT ORANGE____ 23900	32.81 0.77 0.00	34.40 0.92 0.00	31.13 1.00 0.00	27.32 0.96 0.00	29.00 0.94 0.00	28.80 0.95 0.00	25.77 0.91 0.00	24.62 0.89 0.00	27.16 0.83 0.00	29.46 0.88 0.00	30.60 0.94 0.00	42.07 1.46 -0.48	37.00 1.36 0.00	31.03 0.89 -4.55	38.77 0.53 -24.23	36.52 0.32 -28.63	25.65 0.22 -20.10	29.07 0.30 -21.91	24.15 0.62 -7.92	22.44 0.75 -1.79	23.75 0.87 -0.35	23.38 0.82 0.00	26.26 0.81 0.00	26.30 0.81 0.00
FORT_DRUM_COGEN 23780	31.49 -0.55 0.00	32.83 -0.65 0.00	29.48 -0.65 0.00	25.93 -0.43 0.00	27.69 -0.37 0.00	27.50 -0.36 0.00	24.56 -0.30 0.00	23.10 -0.63 0.00	25.69 -0.63 0.00	27.47 -1.11 0.00	28.04 -1.63 0.00	37.91 -2.22 0.00	33.84 -1.81 0.00	24.05 -1.54 0.00	13.08 -0.93 0.00	7.07 -0.50 0.00	5.02 -0.32 0.00	6.42 -0.44 0.00	14.78 -0.83 0.00	19.09 -0.80 0.00	22.26 -0.27 0.00	22.34 -0.22 0.00	24.95 -0.50 0.00	25.05 -0.44 0.00
FOX_HILLS___ESR 323835	34.50 2.46 0.00	35.99 2.51 0.00	32.29 2.16 0.00	28.25 1.88 0.00	30.04 1.97 0.00	29.82 1.97 0.00	26.72 1.86 0.00	25.54 1.82 0.00	28.38 2.06 0.00	31.14 2.55 0.00	32.49 2.82 0.00	46.99 3.85 -3.02	38.99 3.35 0.00	71.03 2.39 -43.06	148.19 1.29 -132.89	107.97 0.71 -99.69	76.11 0.50 -70.27	82.07 0.67 -74.54	47.68 1.53 -30.54	40.30 1.92 -18.48	61.10 2.09 -36.48	39.72 2.08 -15.08	27.94 2.49 -0.01	27.80 2.31 0.00
FPL FAR_ROCK_GT1 24212	35.06 3.02 0.00	36.59 3.11 0.00	32.84 2.71 0.00	30.32 2.39 -1.56	30.54 2.49 0.00	30.31 2.46 0.00	33.74 2.32 -6.56	36.87 2.28 -10.86	36.96 2.60 -8.04	36.51 3.12 -4.81	38.61 3.44 -5.50	58.77 4.82 -13.81	91.41 3.84 -51.93	72.49 2.79 -44.11	148.74 1.42 -133.32	108.46 0.77 -100.12	76.46 0.54 -70.58	82.43 0.70 -74.87	47.81 1.53 -30.66	40.23 1.82 -18.52	60.99 1.94 -36.52	36.90 2.08 -12.26	28.44 3.00 0.00	29.50 2.85 -1.16

FPL FAR_ROCK_GT2 23815	35.06 3.02 0.00	36.59 3.11 0.00	32.84 2.71 0.00	30.32 2.39 -1.56	30.54 2.49 0.00	30.31 2.46 0.00	33.74 2.32 -6.56	36.87 2.28 -10.86	36.96 2.60 -8.04	36.51 3.12 -4.81	38.61 3.44 -5.50	58.77 4.82 -13.81	91.41 3.84 -51.93	72.49 2.79 -44.11	148.74 1.42 -133.32	108.46 0.77 -100.12	76.46 0.54 -70.58	82.43 0.70 -74.87	47.81 1.53 -30.66	40.23 1.82 -18.52	60.99 1.94 -36.52	36.90 2.08 -12.26	28.44 3.00 0.00	29.50 2.85 -1.16
FRANKLIN_FALL_HYD 24054	31.20 -0.83 0.00	32.71 -0.77 0.00	29.32 -0.82 0.00	25.55 -0.82 0.00	27.38 -0.68 0.00	27.26 -0.59 0.00	24.25 -0.62 0.00	23.15 -0.57 0.00	25.67 -0.66 0.00	27.61 -0.97 0.00	28.52 -1.15 0.00	38.24 -1.89 0.00	34.66 -0.98 0.00	24.74 -0.85 0.00	13.56 -0.45 0.00	7.31 -0.26 0.00	5.17 -0.16 0.00	6.72 -0.14 0.00	15.46 -0.15 0.00	19.73 -0.16 0.00	22.49 -0.04 0.00	22.52 -0.03 0.00	25.25 -0.19 0.00	25.27 -0.22 0.00
FREEPORT_EQUS_GT1 23764	34.84 2.81 0.00	36.36 2.88 0.00	32.66 2.53 0.00	30.16 2.23 -1.56	30.38 2.32 0.00	30.13 2.28 0.00	33.60 2.18 -6.56	36.74 2.14 -10.86	36.80 2.44 -8.04	36.29 2.90 -4.81	38.36 3.20 -5.50	58.20 4.26 -13.81	91.26 3.69 -51.93	72.31 2.61 -44.11	148.74 1.42 -133.32	108.46 0.78 -100.12	76.46 0.54 -70.58	82.43 0.70 -74.87	47.80 1.52 -30.66	40.22 1.81 -18.52	61.07 2.02 -36.52	37.00 2.18 -12.26	28.22 2.78 0.00	29.27 2.63 -1.16
FREEPORT___CT2 23818	34.84 2.81 0.00	36.36 2.88 0.00	32.66 2.53 0.00	30.16 2.23 -1.56	30.38 2.32 0.00	30.13 2.28 0.00	33.60 2.18 -6.56	36.74 2.14 -10.86	36.80 2.44 -8.04	36.29 2.90 -4.81	38.36 3.20 -5.50	58.20 4.26 -13.81	91.26 3.69 -51.93	72.31 2.61 -44.11	148.74 1.42 -133.32	108.46 0.78 -100.12	76.46 0.54 -70.58	82.43 0.70 -74.87	47.80 1.52 -30.66	40.22 1.81 -18.52	61.07 2.02 -36.52	37.00 2.18 -12.26	28.22 2.78 0.00	29.27 2.63 -1.16
FRESHKLS_33_KV_LOAD 356253	34.47 2.44 0.00	35.96 2.49 0.00	32.27 2.14 0.00	28.24 1.87 0.00	30.01 1.95 0.00	29.80 1.95 0.00	26.70 1.84 0.00	25.51 1.78 0.00	28.34 2.02 0.00	31.10 2.52 0.00	32.46 2.79 0.00	46.92 3.78 -3.02	38.99 3.34 0.00	66.90 2.36 -38.95	138.92 1.27 -123.64	107.96 0.71 -99.69	76.10 0.50 -70.27	82.08 0.68 -74.54	47.68 1.53 -30.54	40.30 1.92 -18.48	61.06 2.05 -36.48	39.31 2.04 -14.71	27.88 2.43 -0.01	27.75 2.26 0.00
FULTON COGEN____ 23766	31.70 -0.34 0.00	33.08 -0.40 0.00	29.77 -0.36 0.00	26.06 -0.31 0.00	27.75 -0.30 0.00	27.54 -0.31 0.00	24.56 -0.30 0.00	23.35 -0.38 0.00	25.86 -0.46 0.00	28.16 -0.42 0.00	29.26 -0.41 0.00	39.39 -0.74 0.00	34.91 -0.73 0.00	25.10 -0.49 0.00	13.72 -0.29 0.00	7.39 -0.18 0.00	5.21 -0.12 0.00	6.72 -0.15 0.00	15.27 -0.35 0.00	19.50 -0.39 0.00	22.04 -0.49 0.00	22.07 -0.49 0.00	24.87 -0.57 0.00	25.00 -0.50 0.00
FULTON___LFGE 323630	35.08 3.05 0.00	36.46 2.98 0.00	32.68 2.55 0.00	28.56 2.20 0.00	30.48 2.42 0.00	30.26 2.41 0.00	26.80 1.94 0.00	25.45 1.73 0.00	28.10 1.78 0.00	28.40 -0.18 0.00	30.22 0.55 0.00	40.95 0.82 0.00	36.55 0.91 0.00	29.42 0.71 -3.13	31.07 0.41 -16.65	27.31 0.06 -19.68	19.29 0.14 -13.81	22.43 0.52 -15.05	22.12 1.07 -5.44	23.37 2.24 -1.23	25.58 2.81 -0.24	25.13 2.57 0.00	28.17 2.73 0.00	27.97 2.47 0.00
G.F.CEMENT___DRP 24184	34.52 2.48 0.00	36.07 2.59 0.00	32.41 2.28 0.00	28.47 2.10 0.00	30.25 2.19 0.00	30.04 2.19 0.00	26.87 2.01 0.00	25.71 1.98 0.00	28.62 2.30 0.00	30.96 2.38 0.00	32.07 2.41 0.00	43.98 3.38 -0.47	38.35 2.71 0.00	31.61 1.87 -4.15	37.09 0.99 -22.09	34.20 0.53 -26.10	24.03 0.37 -18.32	27.32 0.49 -19.97	24.04 1.21 -7.22	23.05 1.53 -1.63	24.58 1.73 -0.32	24.25 1.69 0.00	27.44 2.00 0.00	27.63 2.14 0.00
GARDENVILLE___LBMP 24039	30.68 -1.35 0.00	31.92 -1.55 0.00	28.80 -1.33 0.00	25.24 -1.13 0.00	27.05 -1.01 0.00	26.91 -0.94 0.00	23.85 -1.01 0.00	22.49 -1.24 0.00	24.93 -1.39 0.00	27.39 -1.20 0.00	28.39 -1.28 0.00	36.47 -2.44 1.22	33.00 -2.61 0.04	22.81 -1.60 1.18	13.03 -0.96 0.02	7.03 -0.50 0.05	5.03 -0.30 0.00	6.51 -0.35 0.00	14.68 -0.93 0.00	18.84 -1.05 0.00	21.29 -1.23 0.00	21.27 -1.29 0.00	24.01 -1.43 0.00	23.94 -1.55 0.00
GARDNVLA_35_KV_LD 355827	30.82 -1.21 0.00	32.06 -1.41 0.00	28.93 -1.20 0.00	25.34 -1.03 0.00	27.16 -0.90 0.00	27.01 -0.84 0.00	23.94 -0.93 0.00	22.56 -1.17 0.00	25.02 -1.30 0.00	27.50 -1.08 0.00	28.52 -1.14 0.00	36.91 -2.24 0.99	33.18 -2.43 0.03	23.15 -1.48 0.96	13.10 -0.89 0.02	7.07 -0.46 0.04	5.06 -0.28 0.00	6.54 -0.32 0.00	14.76 -0.85 0.00	18.94 -0.96 0.00	21.39 -1.14 0.00	21.37 -1.19 0.00	24.11 -1.34 0.00	24.03 -1.47 0.00
GELCKHM___115KV_LOAD 80723	31.89 -0.14 0.00	33.28 -0.20 0.00	29.95 -0.18 0.00	26.23 -0.13 0.00	27.92 -0.14 0.00	27.71 -0.14 0.00	24.72 -0.14 0.00	23.51 -0.21 0.00	26.07 -0.26 0.00	28.39 -0.19 0.00	29.50 -0.17 0.00	39.79 -0.34 0.00	35.26 -0.39 0.00	25.37 -0.23 0.00	13.86 -0.14 0.00	7.47 -0.09 0.00	5.27 -0.06 0.00	6.79 -0.07 0.00	15.43 -0.18 0.00	19.66 -0.23 0.00	22.18 -0.34 0.00	22.21 -0.34 0.00	25.03 -0.41 0.00	25.15 -0.34 0.00
GENERAL___MILLS 23808	30.76 -1.28 0.00	32.00 -1.48 0.00	28.88 -1.25 0.00	25.30 -1.06 0.00	27.12 -0.94 0.00	26.97 -0.88 0.00	23.90 -0.97 0.00	22.52 -1.21 0.00	24.99 -1.34 0.00	27.44 -1.14 0.00	28.45 -1.21 0.00	36.75 -2.33 1.05	33.09 -2.52 0.04	23.03 -1.54 1.02	13.07 -0.92 0.02	7.05 -0.48 0.04	5.05 -0.29 0.00	6.53 -0.33 0.00	14.72 -0.89 0.00	18.89 -1.00 0.00	21.35 -1.18 0.00	21.33 -1.23 0.00	24.06 -1.38 0.00	23.99 -1.51 0.00
GE_PLASTICS___DRP 24183	32.75 0.71 0.00	34.30 0.83 0.00	30.98 0.85 0.00	27.18 0.81 0.00	28.87 0.81 0.00	28.66 0.81 0.00	25.64 0.78 0.00	24.49 0.76 0.00	27.07 0.75 0.00	29.38 0.80 0.00	30.54 0.87 0.00	41.96 1.35 -0.48	36.79 1.15 0.00	30.86 0.82 -4.46	38.25 0.48 -23.76	35.92 0.28 -28.08	25.23 0.19 -19.71	28.59 0.25 -21.48	23.90 0.53 -7.76	22.30 0.65 -1.76	23.62 0.74 -0.35	23.27 0.71 0.00	26.17 0.73 0.00	26.22 0.73 0.00
GILBOA___1 23756	32.94 0.91 0.00	34.44 0.96 0.00	30.99 0.86 0.00	27.16 0.79 0.00	28.87 0.81 0.00	28.67 0.82 0.00	25.63 0.77 0.00	24.48 0.75 0.00	27.15 0.83 0.00	29.56 0.98 0.00	30.74 1.08 0.00	41.68 1.55 0.00	36.87 1.22 0.00	29.11 0.91 -2.61	28.42 0.52 -13.89	24.27 0.28 -16.42	17.06 0.19 -11.53	19.68 0.25 -12.56	20.74 0.58 -4.54	21.64 0.72 -1.03	23.53 0.80 -0.20	23.34 0.79 0.00	26.32 0.87 0.00	26.32 0.83 0.00
GILBOA___2 23757	32.94 0.91 0.00	34.44 0.96 0.00	30.99 0.86 0.00	27.16 0.79 0.00	28.87 0.81 0.00	28.67 0.82 0.00	25.63 0.77 0.00	24.48 0.75 0.00	27.15 0.83 0.00	29.56 0.98 0.00	30.74 1.08 0.00	41.68 1.55 0.00	36.87 1.22 0.00	29.11 0.91 -2.61	28.42 0.52 -13.89	24.27 0.28 -16.42	17.06 0.19 -11.53	19.68 0.25 -12.56	20.74 0.58 -4.54	21.64 0.72 -1.03	23.53 0.80 -0.20	23.34 0.79 0.00	26.32 0.87 0.00	26.32 0.83 0.00

GILBOA___3 23758	32.94 0.91 0.00	34.44 0.96 0.00	30.99 0.86 0.00	27.16 0.79 0.00	28.87 0.81 0.00	28.67 0.82 0.00	25.63 0.77 0.00	24.48 0.75 0.00	27.15 0.83 0.00	29.56 0.98 0.00	30.74 1.08 0.00	41.68 1.55 0.00	36.87 1.22 0.00	29.11 0.91 -2.61	28.42 0.52 -13.89	24.27 0.28 -16.42	17.06 0.19 -11.53	19.68 0.25 -12.56	20.74 0.58 -4.54	21.64 0.72 -1.03	23.53 0.80 -0.20	23.34 0.79 0.00	26.32 0.87 0.00	26.32 0.83 0.00
GILBOA___4 23759	32.94 0.91 0.00	34.44 0.96 0.00	30.99 0.86 0.00	27.16 0.79 0.00	28.87 0.81 0.00	28.67 0.82 0.00	25.63 0.77 0.00	24.48 0.75 0.00	27.15 0.83 0.00	29.56 0.98 0.00	30.74 1.08 0.00	41.68 1.55 0.00	36.87 1.22 0.00	29.11 0.91 -2.61	28.42 0.52 -13.89	24.27 0.28 -16.42	17.06 0.19 -11.53	19.68 0.25 -12.56	20.74 0.58 -4.54	21.64 0.72 -1.03	23.53 0.80 -0.20	23.34 0.79 0.00	26.32 0.87 0.00	26.32 0.83 0.00
GILBOA___ 23599	32.94 0.91 0.00	34.44 0.96 0.00	30.99 0.85 0.00	27.16 0.79 0.00	28.87 0.81 0.00	28.67 0.82 0.00	25.63 0.77 0.00	24.49 0.75 0.00	27.15 0.83 0.00	29.56 0.98 0.00	30.74 1.08 0.00	41.68 1.55 0.00	36.87 1.23 0.00	29.12 0.92 -2.61	28.42 0.52 -13.89	24.27 0.28 -16.42	17.06 0.20 -11.53	19.68 0.25 -12.56	20.73 0.58 -4.54	21.64 0.72 -1.03	23.53 0.80 -0.20	23.34 0.79 0.00	26.32 0.87 0.00	26.32 0.83 0.00
GINNA___ 23603	30.30 -1.74 0.00	31.56 -1.92 0.00	28.44 -1.69 0.00	24.88 -1.49 0.00	26.55 -1.51 0.00	26.35 -1.50 0.00	23.42 -1.45 0.00	22.15 -1.58 0.00	24.58 -1.74 0.00	26.93 -1.66 0.00	27.98 -1.69 0.00	37.47 -2.66 0.00	33.09 -2.55 0.00	23.90 -1.69 0.00	13.05 -0.96 0.00	7.05 -0.52 0.00	5.00 -0.33 0.00	6.46 -0.40 0.00	14.64 -0.97 0.00	18.68 -1.21 0.00	21.09 -1.44 0.00	21.08 -1.48 0.00	23.69 -1.76 0.00	23.67 -1.82 0.00
GLEN PARK___ 23778	31.63 -0.40 0.00	32.97 -0.51 0.00	29.62 -0.51 0.00	26.04 -0.33 0.00	27.79 -0.27 0.00	27.63 -0.22 0.00	24.66 -0.20 0.00	23.19 -0.54 0.00	25.81 -0.52 0.00	27.54 -1.04 0.00	28.08 -1.58 0.00	38.02 -2.11 0.00	33.88 -1.77 0.00	24.07 -1.52 0.00	13.09 -0.92 0.00	7.07 -0.50 0.00	5.02 -0.31 0.00	6.43 -0.43 0.00	14.83 -0.78 0.00	19.18 -0.71 0.00	22.36 -0.17 0.00	22.43 -0.13 0.00	25.03 -0.41 0.00	25.11 -0.38 0.00
GLENDALE_27_KV_LOAD 356172	34.64 2.61 0.00	36.13 2.65 0.00	32.42 2.28 0.00	28.36 2.00 0.00	30.15 2.09 0.00	29.94 2.09 0.00	26.85 1.99 0.00	25.69 1.96 0.00	28.56 2.24 0.00	31.29 2.70 0.00	32.64 2.97 0.00	47.30 4.15 -3.02	39.21 3.56 0.00	71.24 2.60 -43.06	148.34 1.44 -132.89	108.05 0.79 -99.69	76.16 0.55 -70.27	82.10 0.71 -74.54	47.76 1.61 -30.54	40.39 2.02 -18.48	61.23 2.23 -36.48	36.13 2.23 -11.34	28.09 2.64 0.00	27.94 2.45 0.00
GLENWOOD_IC_1_G5 23712	34.87 2.84 0.00	36.40 2.92 0.00	32.69 2.56 0.00	30.18 2.25 -1.56	30.40 2.35 0.00	30.16 2.31 0.00	33.64 2.22 -6.56	36.77 2.19 -10.86	36.84 2.49 -8.04	36.33 2.93 -4.81	38.18 3.01 -5.50	58.14 4.20 -13.81	91.23 3.67 -51.93	72.35 2.65 -44.11	148.76 1.44 -133.32	108.48 0.79 -100.12	76.47 0.55 -70.58	82.42 0.69 -74.87	47.79 1.51 -30.66	40.21 1.80 -18.52	60.99 1.94 -36.52	36.82 2.01 -12.26	27.97 2.53 0.00	29.05 2.41 -1.15
GLENWOOD_IC_2_G1 23688	34.74 2.71 0.00	36.26 2.78 0.00	32.57 2.44 0.00	30.08 2.15 -1.56	30.30 2.24 0.00	30.06 2.20 0.00	33.53 2.11 -6.56	36.67 2.08 -10.86	36.72 2.37 -8.04	36.21 2.82 -4.81	38.22 3.05 -5.50	58.18 4.24 -13.81	91.25 3.68 -51.93	72.35 2.65 -44.11	148.77 1.44 -133.32	108.48 0.79 -100.12	76.47 0.55 -70.58	82.43 0.70 -74.87	47.80 1.53 -30.66	40.24 1.83 -18.52	61.03 1.98 -36.52	36.88 2.06 -12.26	28.05 2.60 0.00	29.12 2.47 -1.16
GLENWOOD_IC_3_G1 23689	34.74 2.71 0.00	36.26 2.78 0.00	32.57 2.44 0.00	30.08 2.15 -1.56	30.30 2.24 0.00	30.06 2.20 0.00	33.53 2.11 -6.56	36.67 2.08 -10.86	36.72 2.37 -8.04	36.21 2.82 -4.81	38.22 3.05 -5.50	58.18 4.24 -13.81	91.25 3.68 -51.93	72.35 2.65 -44.11	148.77 1.44 -133.32	108.48 0.79 -100.12	76.47 0.55 -70.58	82.43 0.70 -74.87	47.80 1.53 -30.66	40.24 1.83 -18.52	61.03 1.98 -36.52	36.88 2.06 -12.26	28.05 2.60 0.00	29.12 2.47 -1.16
GLENWOOD___4 23550	34.87 2.84 0.00	36.40 2.92 0.00	32.69 2.56 0.00	30.18 2.25 -1.56	30.40 2.35 0.00	30.16 2.31 0.00	33.64 2.22 -6.56	36.77 2.19 -10.86	36.84 2.49 -8.04	36.33 2.94 -4.81	38.25 3.09 -5.50	58.25 4.31 -13.81	91.33 3.76 -51.93	72.41 2.71 -44.11	148.80 1.47 -133.32	108.50 0.81 -100.12	76.48 0.56 -70.58	82.44 0.71 -74.87	47.83 1.55 -30.66	40.27 1.85 -18.52	61.05 2.00 -36.52	36.88 2.07 -12.26	28.04 2.59 0.00	29.11 2.46 -1.15
GLENWOOD___5 23614	34.87 2.84 0.00	36.40 2.92 0.00	32.69 2.56 0.00	30.18 2.25 -1.56	30.40 2.35 0.00	30.16 2.31 0.00	33.64 2.22 -6.56	36.77 2.19 -10.86	36.84 2.49 -8.04	36.33 2.94 -4.81	38.25 3.09 -5.50	58.25 4.31 -13.81	91.33 3.76 -51.93	72.41 2.71 -44.11	148.80 1.47 -133.32	108.50 0.81 -100.12	76.48 0.56 -70.58	82.44 0.71 -74.87	47.83 1.55 -30.66	40.27 1.85 -18.52	61.05 2.00 -36.52	36.88 2.07 -12.26	28.04 2.59 0.00	29.11 2.46 -1.15
GLOBAL GREEN_PORT_GT1 23814	35.01 2.97 0.00	36.47 2.99 0.00	32.77 2.63 0.00	30.28 2.35 -1.56	30.47 2.41 0.00	30.20 2.35 0.00	33.79 2.37 -6.56	36.98 2.39 -10.86	37.17 2.82 -8.04	36.87 3.48 -4.81	39.00 3.83 -5.50	59.30 5.36 -13.81	92.24 4.67 -51.93	72.82 3.12 -44.11	148.74 1.42 -133.32	107.37 0.93 -98.87	74.90 0.68 -68.88	80.46 0.88 -72.72	46.96 1.89 -29.46	39.70 2.16 -17.64	59.27 2.34 -34.40	36.88 2.66 -11.66	28.76 3.32 0.00	29.84 3.19 -1.16
GLOBE___DSASP 323697	29.79 -2.24 0.00	31.01 -2.47 0.00	28.06 -2.07 0.00	24.59 -1.78 0.00	26.35 -1.71 0.00	26.16 -1.69 0.00	23.13 -1.74 0.00	21.61 -2.12 0.00	23.93 -2.40 0.00	26.29 -2.29 0.00	27.30 -2.36 0.00	35.36 -3.96 0.81	31.62 -4.00 0.03	22.31 -2.50 0.78	12.61 -1.39 0.01	6.83 -0.70 0.03	4.90 -0.43 0.00	6.36 -0.50 0.00	14.34 -1.27 0.00	18.38 -1.51 0.00	20.76 -1.77 0.00	20.77 -1.79 0.00	23.36 -2.09 0.00	23.28 -2.21 0.00
GOETHSLN___LBMP 323567	34.28 2.24 0.00	35.77 2.30 0.00	32.11 1.98 0.00	28.11 1.74 0.00	29.88 1.82 0.00	29.67 1.82 0.00	26.61 1.74 0.00	25.44 1.72 0.00	28.27 1.95 0.00	30.93 2.35 0.00	32.24 2.58 0.00	46.74 3.59 -3.02	38.69 3.05 0.00	66.78 2.24 -38.95	134.94 1.24 -119.69	86.01 0.68 -77.76	76.09 0.48 -70.28	82.01 0.60 -74.54	47.56 1.41 -30.54	40.14 1.76 -18.48	60.93 1.92 -36.48	35.82 1.92 -11.34	27.75 2.31 0.00	27.64 2.14 0.00
GOLAH___69_KV_TB 1_2 80279	31.68 -0.36 0.00	33.01 -0.46 0.00	29.76 -0.37 0.00	26.04 -0.33 0.00	27.82 -0.24 0.00	27.61 -0.24 0.00	24.49 -0.37 0.00	23.10 -0.62 0.00	25.63 -0.70 0.00	28.12 -0.46 0.00	29.17 -0.50 0.00	39.00 -1.13 0.00	34.37 -1.27 0.00	24.85 -0.74 0.00	13.55 -0.46 0.00	7.33 -0.24 0.00	5.21 -0.13 0.00	6.73 -0.13 0.00	15.25 -0.36 0.00	19.49 -0.40 0.00	21.98 -0.55 0.00	21.97 -0.59 0.00	24.70 -0.74 0.00	24.64 -0.85 0.00

GOODYEAR_LAKE_HYD 323669	33.16 1.12 0.00	34.55 1.08 0.00	31.03 0.90 0.00	27.14 0.78 0.00	28.96 0.90 0.00	28.76 0.91 0.00	25.68 0.81 0.00	24.51 0.79 0.00	27.30 0.98 0.00	29.75 1.17 0.00	30.94 1.27 0.00	41.81 1.68 0.00	37.02 1.38 0.00	26.66 1.07 0.00	14.53 0.52 0.00	7.83 0.26 0.00	5.52 0.19 0.00	7.13 0.27 0.00	16.21 0.60 0.00	20.70 0.81 0.00	23.44 0.92 0.00	23.46 0.90 0.00	26.48 1.04 0.00	26.37 0.88 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.18 0.15 0.00	33.52 0.04 0.00	30.15 0.02 0.00	26.46 0.09 0.00	28.20 0.14 0.00	28.01 0.16 0.00	24.96 0.10 0.00	23.87 0.14 0.00	26.52 0.19 0.00	28.95 0.36 0.00	30.05 0.38 0.00	40.51 0.38 0.00	35.78 0.14 0.00	25.84 0.25 0.00	14.08 0.07 0.00	7.59 0.02 0.00	5.35 0.02 0.00	6.89 0.03 0.00	15.65 0.04 0.00	19.99 0.09 0.00	22.55 0.03 0.00	22.55 -0.01 0.00	25.51 0.07 0.00	25.52 0.03 0.00
GOUDEY___7 23579	32.21 0.17 0.00	33.55 0.07 0.00	30.17 0.04 0.00	26.48 0.11 0.00	28.22 0.17 0.00	28.03 0.18 0.00	24.98 0.12 0.00	23.89 0.16 0.00	26.54 0.22 0.00	28.98 0.39 0.00	30.07 0.40 0.00	40.55 0.42 0.00	35.82 0.18 0.00	25.87 0.28 0.00	14.10 0.08 0.00	7.60 0.03 0.00	5.36 0.02 0.00	6.90 0.04 0.00	15.67 0.06 0.00	20.01 0.11 0.00	22.57 0.05 0.00	22.57 0.01 0.00	25.53 0.09 0.00	25.54 0.05 0.00
GOUDEY___8 23580	32.18 0.15 0.00	33.52 0.04 0.00	30.15 0.02 0.00	26.46 0.09 0.00	28.20 0.14 0.00	28.01 0.16 0.00	24.96 0.10 0.00	23.87 0.14 0.00	26.52 0.19 0.00	28.95 0.36 0.00	30.05 0.38 0.00	40.51 0.38 0.00	35.78 0.14 0.00	25.84 0.25 0.00	14.08 0.07 0.00	7.59 0.02 0.00	5.35 0.02 0.00	6.89 0.03 0.00	15.65 0.04 0.00	19.99 0.09 0.00	22.55 0.03 0.00	22.55 -0.01 0.00	25.51 0.07 0.00	25.52 0.03 0.00
GOWANUS_GT1_1 24077	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GOWANUS_GT1_2 24078	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GOWANUS_GT1_3 24079	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GOWANUS_GT1_4 24080	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GOWANUS_GT1_5 24084	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GOWANUS_GT1_6 24111	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GOWANUS_GT1_7 24112	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GOWANUS_GT1_8 24113	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GOWANUS_GT2_1 24114	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
GOWANUS_GT2_2 24115	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
GOWANUS_GT2_3 24116	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00

GOWANUS_GT2_4 24117	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
GOWANUS_GT2_5 24118	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
GOWANUS_GT2_6 24119	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
GOWANUS_GT2_7 24120	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
GOWANUS_GT2_8 24121	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
GOWANUS_GT3_1 24122	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
GOWANUS_GT3_2 24123	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
GOWANUS_GT3_3 24124	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
GOWANUS_GT3_4 24125	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
GOWANUS_GT3_5 24126	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
GOWANUS_GT3_6 24127	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
GOWANUS_GT3_7 24128	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
GOWANUS_GT3_8 24129	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
GOWANUS_GT4_1 24130	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.98 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GOWANUS_GT4_2 24131	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.98 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00

GOWANUS_GT4_3 24132	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.98 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GOWANUS_GT4_4 24133	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.98 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GOWANUS_GT4_5 24134	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.98 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GOWANUS_GT4_6 24135	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.98 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GOWANUS_GT4_7 24136	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.98 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GOWANUS_GT4_8 24137	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.98 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GREENBSH_115KV_TB3 55895	32.62 0.58 0.00	34.20 0.72 0.00	30.96 0.83 0.00	27.18 0.81 0.00	28.84 0.78 0.00	28.65 0.80 0.00	25.64 0.78 0.00	24.50 0.78 0.00	27.03 0.71 0.00	29.30 0.72 0.00	30.47 0.81 0.00	41.92 1.29 -0.50	36.74 1.09 0.00	30.89 0.77 -4.53	38.63 0.47 -24.15	36.37 0.27 -28.53	25.55 0.18 -20.03	28.93 0.24 -21.83	24.01 0.50 -7.89	22.29 0.61 -1.78	23.58 0.70 -0.35	23.22 0.66 0.00	26.09 0.65 0.00	26.16 0.66 0.00
GREENDGE_115KV_TB5 80291	31.64 -0.40 0.00	32.90 -0.57 0.00	29.67 -0.46 0.00	26.05 -0.32 0.00	27.86 -0.20 0.00	27.60 -0.25 0.00	24.63 -0.24 0.00	23.43 -0.29 0.00	25.96 -0.36 0.00	28.32 -0.26 0.00	29.29 -0.37 0.00	40.91 -0.95 -1.73	34.65 -1.05 -0.06	26.56 -0.70 -1.67	13.66 -0.38 -0.03	7.40 -0.22 -0.06	5.17 -0.16 0.00	6.68 -0.19 0.00	15.28 -0.33 0.00	19.60 -0.29 0.00	22.18 -0.34 0.00	22.13 -0.43 0.00	24.94 -0.51 0.00	25.02 -0.47 0.00
GREENIDGE___3 23582	31.64 -0.40 0.00	32.90 -0.57 0.00	29.67 -0.46 0.00	26.05 -0.32 0.00	27.86 -0.20 0.00	27.60 -0.25 0.00	24.63 -0.24 0.00	23.43 -0.29 0.00	25.96 -0.36 0.00	28.32 -0.26 0.00	29.29 -0.37 0.00	40.91 -0.95 -1.73	34.65 -1.05 -0.06	26.56 -0.70 -1.67	13.66 -0.38 -0.03	7.40 -0.22 -0.06	5.17 -0.16 0.00	6.68 -0.19 0.00	15.28 -0.33 0.00	19.60 -0.29 0.00	22.18 -0.34 0.00	22.13 -0.43 0.00	24.94 -0.51 0.00	25.02 -0.47 0.00
GREENIDGE___4 23583	31.64 -0.39 0.00	32.90 -0.57 0.00	29.67 -0.46 0.00	26.05 -0.32 0.00	27.86 -0.20 0.00	27.60 -0.25 0.00	24.63 -0.24 0.00	23.43 -0.29 0.00	25.97 -0.36 0.00	28.32 -0.26 0.00	29.29 -0.37 0.00	40.90 -0.96 -1.73	34.66 -1.04 -0.06	26.57 -0.69 -1.67	13.66 -0.38 -0.03	7.40 -0.22 -0.06	5.17 -0.16 0.00	6.68 -0.18 0.00	15.28 -0.33 0.00	19.61 -0.28 0.00	22.18 -0.34 0.00	22.13 -0.43 0.00	24.94 -0.51 0.00	25.02 -0.47 0.00
GREENLWN_69_KV_BK 3 55738	34.57 2.54 0.00	36.14 2.67 0.00	32.52 2.39 0.00	30.06 2.13 -1.56	30.28 2.22 0.00	30.01 2.16 0.00	33.51 2.09 -6.56	36.63 2.04 -10.86	36.67 2.31 -8.04	36.10 2.71 -4.81	38.14 2.97 -5.50	58.01 4.07 -13.81	91.12 3.56 -51.93	72.27 2.57 -44.11	148.70 1.38 -133.32	105.53 0.73 -97.23	72.50 0.50 -66.66	77.40 0.64 -69.90	44.89 1.39 -27.89	38.02 1.64 -16.49	55.89 1.74 -31.62	35.32 1.88 -10.88	27.94 2.49 0.00	29.07 2.43 -1.15
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00
GRISSOM___SOLAR 323813	35.08 3.05 0.00	36.46 2.98 0.00	32.68 2.55 0.00	28.56 2.20 0.00	30.48 2.42 0.00	30.26 2.41 0.00	26.80 1.94 0.00	25.45 1.73 0.00	28.10 1.78 0.00	28.40 -0.18 0.00	30.22 0.55 0.00	40.95 0.82 0.00	36.55 0.91 0.00	29.42 0.71 -3.13	31.07 0.41 -16.65	27.31 0.06 -19.68	19.29 0.14 -13.81	22.43 0.52 -15.05	22.12 1.07 -5.44	23.37 2.24 -1.23	25.58 2.81 -0.24	25.13 2.57 0.00	28.17 2.73 0.00	27.97 2.47 0.00
GROVEVILLE___HYD 323602	34.31 2.27 0.00	35.81 2.33 0.00	32.14 2.01 0.00	28.14 1.77 0.00	29.89 1.84 0.00	29.70 1.85 0.00	26.61 1.74 0.00	25.46 1.73 0.00	28.32 2.00 0.00	30.99 2.40 0.00	32.34 2.68 0.00	43.98 3.85 0.00	38.94 3.29 0.00	35.81 2.44 -7.78	57.02 1.32 -41.69	57.56 0.72 -49.27	40.43 0.49 -34.60	45.21 0.64 -37.71	30.69 1.44 -13.63	24.78 1.80 -3.08	25.11 1.97 -0.61	24.49 1.93 0.00	27.63 2.19 0.00	27.52 2.02 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.09 0.06 0.00	33.50 0.03 0.00	30.15 0.02 0.00	26.40 0.03 0.00	28.10 0.04 0.00	27.89 0.04 0.00	24.89 0.02 0.00	23.67 -0.06 0.00	26.25 -0.07 0.00	28.59 0.01 0.00	29.71 0.04 0.00	40.07 -0.06 0.00	35.51 -0.13 0.00	25.55 -0.05 0.00	13.96 -0.05 0.00	7.52 -0.04 0.00	5.31 -0.02 0.00	6.83 -0.03 0.00	15.54 -0.07 0.00	19.79 -0.10 0.00	22.30 -0.22 0.00	22.33 -0.23 0.00	25.17 -0.27 0.00	25.29 -0.20 0.00

HAMLTNNY_34_KV_TB 80303	32.12 0.08 0.00	33.53 0.05 0.00	30.19 0.06 0.00	26.44 0.07 0.00	28.12 0.06 0.00	27.94 0.08 0.00	24.92 0.05 0.00	23.69 -0.04 0.00	26.27 -0.05 0.00	28.61 0.03 0.00	29.73 0.06 0.00	40.05 -0.08 0.00	35.56 -0.09 0.00	25.57 -0.02 0.00	13.96 -0.05 0.00	7.53 -0.04 0.00	5.32 -0.02 0.00	6.84 -0.02 0.00	15.56 -0.05 0.00	19.84 -0.05 0.00	22.38 -0.14 0.00	22.40 -0.15 0.00	25.21 -0.23 0.00	25.31 -0.19 0.00
HAMPSHIRE___PAPER_HYD 323593	31.20 -0.84 0.00	32.52 -0.95 0.00	29.20 -0.93 0.00	25.60 -0.77 0.00	27.33 -0.73 0.00	27.11 -0.74 0.00	24.22 -0.64 0.00	22.95 -0.78 0.00	25.49 -0.84 0.00	27.41 -1.17 0.00	28.11 -1.56 0.00	37.94 -2.19 0.00	34.10 -1.54 0.00	24.34 -1.25 0.00	13.26 -0.75 0.00	7.17 -0.40 0.00	5.07 -0.27 0.00	6.51 -0.35 0.00	14.91 -0.70 0.00	19.13 -0.76 0.00	22.07 -0.46 0.00	22.15 -0.41 0.00	24.83 -0.62 0.00	24.87 -0.63 0.00
HARDSCRABBLE_WT_PWR 323673	32.11 0.07 0.00	33.69 0.21 0.00	30.38 0.25 0.00	26.47 0.10 0.00	28.40 0.34 0.00	28.27 0.42 0.00	25.16 0.30 0.00	24.04 0.31 0.00	26.75 0.43 0.00	28.92 0.33 0.00	30.11 0.44 0.00	40.84 0.71 0.00	36.01 0.37 0.00	25.77 0.18 0.00	14.11 0.10 0.00	7.56 0.00 0.00	5.34 0.01 0.00	6.89 0.02 0.00	15.66 0.05 0.00	20.07 0.17 0.00	22.84 0.31 0.00	22.81 0.25 0.00	25.66 0.21 0.00	25.62 0.13 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.12 2.09 0.00	35.61 2.14 0.00	31.96 1.83 0.00	27.96 1.59 0.00	29.72 1.66 0.00	29.52 1.67 0.00	26.44 1.58 0.00	25.28 1.55 0.00	28.12 1.80 0.00	30.78 2.19 0.00	32.12 2.46 0.00	40.33 3.55 3.35	38.65 3.00 0.00	62.81 2.31 -34.91	199.26 1.29 -183.96	223.07 0.69 -214.82	156.42 0.48 -150.60	171.52 0.62 -164.04	76.45 1.40 -59.44	35.50 1.73 -13.88	28.42 1.88 -4.01	24.84 1.84 -0.44	27.56 2.11 0.00	27.45 1.96 0.00
HARSNRAD_115KV_TB1 81005	30.47 -1.57 0.00	31.70 -1.77 0.00	28.66 -1.47 0.00	25.10 -1.26 0.00	26.89 -1.17 0.00	26.71 -1.14 0.00	23.63 -1.23 0.00	22.11 -1.61 0.00	24.45 -1.87 0.00	26.87 -1.72 0.00	27.88 -1.79 0.00	36.21 -3.13 0.79	32.43 -3.18 0.03	22.84 -1.98 0.77	12.84 -1.15 0.01	6.96 -0.58 0.03	4.98 -0.36 0.00	6.45 -0.42 0.00	14.52 -1.09 0.00	18.62 -1.27 0.00	21.03 -1.50 0.00	21.02 -1.54 0.00	23.66 -1.79 0.00	23.58 -1.92 0.00
HARZA MOOSE___RIVER 24016	32.07 0.03 0.00	33.46 -0.02 0.00	30.07 -0.06 0.00	26.41 0.04 0.00	28.15 0.09 0.00	27.92 0.07 0.00	24.98 0.11 0.00	23.67 -0.05 0.00	26.27 -0.06 0.00	28.37 -0.21 0.00	29.20 -0.46 0.00	39.41 -0.72 0.00	35.23 -0.42 0.00	25.24 -0.35 0.00	13.74 -0.27 0.00	7.44 -0.13 0.00	5.25 -0.08 0.00	6.73 -0.13 0.00	15.35 -0.26 0.00	19.68 -0.21 0.00	22.66 0.13 0.00	22.72 0.16 0.00	25.49 0.05 0.00	25.55 0.05 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.92 -0.11 0.00	33.31 -0.17 0.00	29.98 -0.15 0.00	26.24 -0.13 0.00	27.95 -0.11 0.00	27.73 -0.12 0.00	24.74 -0.13 0.00	23.53 -0.19 0.00	26.08 -0.24 0.00	28.43 -0.15 0.00	29.53 -0.14 0.00	39.85 -0.28 0.00	35.30 -0.34 0.00	25.40 -0.19 0.00	13.88 -0.13 0.00	7.48 -0.09 0.00	5.28 -0.06 0.00	6.80 -0.06 0.00	15.45 -0.16 0.00	19.68 -0.21 0.00	22.22 -0.31 0.00	22.25 -0.31 0.00	25.08 -0.37 0.00	25.19 -0.30 0.00
HELLGATE_13_KV_LD 55870	34.45 2.42 0.00	35.94 2.47 0.00	32.27 2.13 0.00	28.24 1.87 0.00	30.01 1.95 0.00	29.80 1.95 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.42 2.10 0.00	31.13 2.55 0.00	32.46 2.79 0.00	47.05 3.91 -3.02	38.99 3.35 0.00	71.08 2.44 -43.06	148.25 1.35 -132.89	108.00 0.75 -99.69	76.13 0.52 -70.27	82.06 0.66 -74.54	47.67 1.52 -30.54	40.28 1.91 -18.48	61.10 2.09 -36.48	35.99 2.09 -11.34	27.93 2.48 0.00	27.79 2.30 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.45 2.42 0.00	35.94 2.47 0.00	32.27 2.13 0.00	28.24 1.87 0.00	30.01 1.95 0.00	29.80 1.95 0.00	26.73 1.87 0.00	25.57 1.85 0.00	28.42 2.10 0.00	31.13 2.55 0.00	32.46 2.79 0.00	47.05 3.91 -3.02	38.99 3.35 0.00	71.08 2.44 -43.06	148.25 1.35 -132.89	108.00 0.75 -99.69	76.13 0.52 -70.27	82.06 0.66 -74.54	47.67 1.52 -30.54	40.28 1.91 -18.48	61.10 2.09 -36.48	35.99 2.09 -11.34	27.93 2.48 0.00	27.79 2.30 0.00
HEMPSTEAD____ 23647	34.65 2.61 0.00	36.16 2.69 0.00	32.48 2.35 0.00	30.01 2.08 -1.56	30.22 2.17 0.00	29.97 2.12 0.00	33.47 2.05 -6.56	36.62 2.02 -10.86	36.67 2.31 -8.04	36.14 2.75 -4.81	38.14 2.98 -5.50	58.02 4.08 -13.81	91.13 3.56 -51.93	72.25 2.55 -44.11	148.71 1.39 -133.32	108.45 0.76 -100.12	76.44 0.53 -70.58	82.40 0.67 -74.87	47.74 1.46 -30.66	40.15 1.74 -18.52	60.94 1.89 -36.52	36.81 1.99 -12.26	27.98 2.53 0.00	29.05 2.40 -1.16
HEWLETT_69_KV_BK3 55828	34.90 2.86 0.00	36.43 2.96 0.00	32.71 2.58 0.00	30.20 2.27 -1.56	30.42 2.37 0.00	30.18 2.33 0.00	33.64 2.22 -6.56	36.77 2.18 -10.86	36.84 2.48 -8.04	36.35 2.96 -4.81	38.45 3.28 -5.50	58.53 4.59 -13.81	91.35 3.78 -51.93	72.44 2.74 -44.11	148.76 1.44 -133.32	108.47 0.78 -100.12	76.46 0.54 -70.58	82.43 0.71 -74.87	47.83 1.56 -30.66	40.27 1.86 -18.52	61.03 1.98 -36.52	36.92 2.10 -12.26	28.30 2.85 0.00	29.36 2.71 -1.15
HICKLING___1 23621	31.68 -0.36 0.00	32.89 -0.58 0.00	29.59 -0.54 0.00	26.05 -0.32 0.00	27.89 -0.16 0.00	27.62 -0.24 0.00	24.64 -0.23 0.00	23.63 -0.10 0.00	26.29 -0.03 0.00	28.75 0.16 0.00	29.81 0.15 0.00	40.35 -0.19 -0.41	35.08 -0.57 -0.01	25.74 -0.24 -0.39	13.80 -0.22 -0.01	7.43 -0.16 -0.02	5.22 -0.12 0.00	6.73 -0.13 0.00	15.31 -0.30 0.00	19.63 -0.26 0.00	22.20 -0.33 0.00	22.10 -0.46 0.00	25.06 -0.39 0.00	25.08 -0.41 0.00
HICKLING___2 23622	31.68 -0.36 0.00	32.89 -0.58 0.00	29.59 -0.54 0.00	26.05 -0.32 0.00	27.89 -0.16 0.00	27.62 -0.24 0.00	24.64 -0.23 0.00	23.63 -0.10 0.00	26.29 -0.03 0.00	28.75 0.16 0.00	29.81 0.15 0.00	40.35 -0.19 -0.41	35.08 -0.57 -0.01	25.74 -0.24 -0.39	13.80 -0.22 -0.01	7.43 -0.16 -0.02	5.22 -0.12 0.00	6.73 -0.13 0.00	15.31 -0.30 0.00	19.63 -0.26 0.00	22.20 -0.33 0.00	22.10 -0.46 0.00	25.06 -0.39 0.00	25.08 -0.41 0.00
HIGH FALLS___HY 23754	34.22 2.18 0.00	35.65 2.18 0.00	31.93 1.80 0.00	27.92 1.55 0.00	29.67 1.61 0.00	29.47 1.62 0.00	26.42 1.56 0.00	25.27 1.54 0.00	28.19 1.87 0.00	30.85 2.26 0.00	32.29 2.63 0.00	43.85 3.72 0.00	38.81 3.17 0.00	31.91 2.13 -4.19	37.66 1.15 -22.50	34.82 0.66 -26.59	24.46 0.46 -18.66	27.81 0.61 -20.34	24.32 1.36 -7.35	23.26 1.70 -1.66	24.70 1.85 -0.33	24.47 1.91 0.00	27.62 2.18 0.00	27.46 1.97 0.00
HIGH_RIVER___SOLAR 323847	33.47 1.44 0.00	34.96 1.48 0.00	31.43 1.29 0.00	27.51 1.15 0.00	29.28 1.22 0.00	29.08 1.23 0.00	25.94 1.08 0.00	24.76 1.03 0.00	27.51 1.18 0.00	29.71 1.13 0.00	30.86 1.20 0.00	41.82 1.69 0.00	37.00 1.36 0.00	30.30 1.02 -3.69	34.27 0.60 -19.67	31.10 0.30 -23.24	21.87 0.22 -16.32	24.95 0.30 -17.78	22.73 0.68 -6.43	22.31 0.96 -1.45	23.98 1.17 -0.29	23.69 1.13 0.00	26.68 1.23 0.00	26.67 1.18 0.00

HILLBURN___GT 23639	34.08 2.05 0.00	35.58 2.10 0.00	31.92 1.79 0.00	27.93 1.56 0.00	29.69 1.63 0.00	29.49 1.64 0.00	26.42 1.56 0.00	25.25 1.52 0.00	28.07 1.74 0.00	30.71 2.13 0.00	32.05 2.38 0.00	39.59 3.37 3.92	38.50 2.86 0.00	61.12 2.19 -33.34	184.24 1.24 -168.99	201.29 0.67 -193.05	141.10 0.48 -135.29	154.67 0.61 -147.20	70.59 1.39 -53.59	34.94 1.70 -13.34	30.49 1.85 -6.11	25.58 1.82 -1.20	27.59 2.15 0.00	27.49 2.00 0.00
HILLSIDE_115KV_TB1 80332	31.48 -0.56 0.00	32.69 -0.79 0.00	29.39 -0.74 0.00	25.87 -0.50 0.00	27.64 -0.42 0.00	27.42 -0.43 0.00	24.43 -0.43 0.00	23.45 -0.27 0.00	26.09 -0.23 0.00	28.52 -0.07 0.00	29.59 -0.07 0.00	40.09 -0.39 -0.36	34.95 -0.71 -0.01	25.64 -0.29 -0.34	13.77 -0.24 -0.01	7.41 -0.17 -0.01	5.21 -0.13 0.00	6.71 -0.15 0.00	15.24 -0.37 0.00	19.52 -0.38 0.00	22.02 -0.51 0.00	21.94 -0.62 0.00	24.94 -0.51 0.00	24.95 -0.54 0.00
HISHELDN_WT_PWR 323625	30.39 -1.65 0.00	31.63 -1.85 0.00	28.56 -1.57 0.00	25.08 -1.29 0.00	26.92 -1.14 0.00	26.72 -1.13 0.00	23.80 -1.06 0.00	22.55 -1.18 0.00	25.03 -1.29 0.00	27.43 -1.15 0.00	28.41 -1.26 0.00	34.76 -2.54 2.83	32.80 -2.75 0.10	21.09 -1.77 2.73	12.90 -1.06 0.05	6.88 -0.57 0.10	4.97 -0.36 0.00	6.44 -0.42 0.00	14.59 -1.02 0.00	18.76 -1.14 0.00	21.21 -1.32 0.00	21.16 -1.40 0.00	23.94 -1.51 0.00	23.94 -1.56 0.00
HOLTSVILLE_IC_1 23690	34.64 2.60 0.00	36.17 2.70 0.00	32.56 2.43 0.00	30.12 2.19 -1.56	30.32 2.27 0.00	30.05 2.20 0.00	33.57 2.15 -6.56	36.70 2.11 -10.86	36.74 2.38 -8.04	36.20 2.81 -4.81	38.24 3.07 -5.50	58.13 4.19 -13.81	91.27 3.70 -51.93	72.37 2.67 -44.11	148.71 1.38 -133.32	107.24 0.73 -98.95	74.85 0.52 -69.00	80.39 0.66 -72.86	46.60 1.44 -29.54	39.28 1.69 -17.70	58.88 1.81 -34.54	36.26 2.00 -11.70	28.09 2.64 0.00	29.20 2.55 -1.16
HOLTSVILLE_IC_10 23699	34.82 2.78 0.00	36.35 2.87 0.00	32.72 2.59 0.00	30.25 2.32 -1.56	30.46 2.41 0.00	30.19 2.34 0.00	33.69 2.27 -6.56	36.82 2.23 -10.86	36.89 2.53 -8.04	36.37 2.98 -4.81	38.43 3.27 -5.50	58.42 4.48 -13.81	91.55 3.98 -51.93	72.58 2.87 -44.11	148.81 1.49 -133.32	106.95 0.78 -98.60	74.42 0.56 -68.52	79.84 0.72 -72.26	46.37 1.55 -29.21	39.18 1.83 -17.45	58.43 1.95 -33.95	36.25 2.15 -11.53	28.26 2.82 0.00	29.35 2.70 -1.16
HOLTSVILLE_IC_2 23691	34.64 2.60 0.00	36.17 2.70 0.00	32.56 2.43 0.00	30.12 2.19 -1.56	30.32 2.27 0.00	30.05 2.20 0.00	33.57 2.15 -6.56	36.70 2.11 -10.86	36.74 2.38 -8.04	36.20 2.81 -4.81	38.24 3.07 -5.50	58.13 4.19 -13.81	91.27 3.70 -51.93	72.37 2.67 -44.11	148.71 1.38 -133.32	107.24 0.73 -98.95	74.85 0.52 -69.00	80.39 0.66 -72.86	46.60 1.44 -29.54	39.28 1.69 -17.70	58.88 1.81 -34.54	36.26 2.00 -11.70	28.09 2.64 0.00	29.20 2.55 -1.16
HOLTSVILLE_IC_3 23692	34.64 2.60 0.00	36.17 2.70 0.00	32.56 2.43 0.00	30.12 2.19 -1.56	30.32 2.27 0.00	30.05 2.20 0.00	33.57 2.15 -6.56	36.70 2.11 -10.86	36.74 2.38 -8.04	36.20 2.81 -4.81	38.24 3.07 -5.50	58.13 4.19 -13.81	91.27 3.70 -51.93	72.37 2.67 -44.11	148.71 1.38 -133.32	107.24 0.73 -98.95	74.85 0.52 -69.00	80.39 0.66 -72.86	46.60 1.44 -29.54	39.28 1.69 -17.70	58.88 1.81 -34.54	36.26 2.00 -11.70	28.09 2.64 0.00	29.20 2.55 -1.16
HOLTSVILLE_IC_4 23693	34.64 2.60 0.00	36.17 2.70 0.00	32.56 2.43 0.00	30.12 2.19 -1.56	30.32 2.27 0.00	30.05 2.20 0.00	33.57 2.15 -6.56	36.70 2.11 -10.86	36.74 2.38 -8.04	36.20 2.81 -4.81	38.24 3.07 -5.50	58.13 4.19 -13.81	91.27 3.70 -51.93	72.37 2.67 -44.11	148.71 1.38 -133.32	107.24 0.73 -98.95	74.85 0.52 -69.00	80.39 0.66 -72.86	46.60 1.44 -29.54	39.28 1.69 -17.70	58.88 1.81 -34.54	36.26 2.00 -11.70	28.09 2.64 0.00	29.20 2.55 -1.16
HOLTSVILLE_IC_5 23694	34.64 2.60 0.00	36.17 2.70 0.00	32.56 2.43 0.00	30.12 2.19 -1.56	30.32 2.27 0.00	30.05 2.20 0.00	33.57 2.15 -6.56	36.70 2.11 -10.86	36.74 2.38 -8.04	36.20 2.81 -4.81	38.24 3.07 -5.50	58.13 4.19 -13.81	91.27 3.70 -51.93	72.37 2.67 -44.11	148.71 1.38 -133.32	107.24 0.73 -98.95	74.85 0.52 -69.00	80.39 0.66 -72.86	46.60 1.44 -29.54	39.28 1.69 -17.70	58.88 1.81 -34.54	36.26 2.00 -11.70	28.09 2.64 0.00	29.20 2.55 -1.16
HOLTSVILLE_IC_6 23695	34.82 2.78 0.00	36.35 2.87 0.00	32.72 2.59 0.00	30.25 2.32 -1.56	30.46 2.41 0.00	30.19 2.34 0.00	33.69 2.27 -6.56	36.82 2.23 -10.86	36.89 2.53 -8.04	36.37 2.98 -4.81	38.43 3.27 -5.50	58.42 4.48 -13.81	91.55 3.98 -51.93	72.58 2.87 -44.11	148.81 1.49 -133.32	106.95 0.78 -98.60	74.42 0.56 -68.52	79.84 0.72 -72.26	46.37 1.55 -29.21	39.18 1.83 -17.45	58.43 1.95 -33.95	36.25 2.15 -11.53	28.26 2.82 0.00	29.35 2.70 -1.16
HOLTSVILLE_IC_7 23696	34.82 2.78 0.00	36.35 2.87 0.00	32.72 2.59 0.00	30.25 2.32 -1.56	30.46 2.41 0.00	30.19 2.34 0.00	33.69 2.27 -6.56	36.82 2.23 -10.86	36.89 2.53 -8.04	36.37 2.98 -4.81	38.43 3.27 -5.50	58.42 4.48 -13.81	91.55 3.98 -51.93	72.58 2.87 -44.11	148.81 1.49 -133.32	106.95 0.78 -98.60	74.42 0.56 -68.52	79.84 0.72 -72.26	46.37 1.55 -29.21	39.18 1.83 -17.45	58.43 1.95 -33.95	36.25 2.15 -11.53	28.26 2.82 0.00	29.35 2.70 -1.16
HOLTSVILLE_IC_8 23697	34.82 2.78 0.00	36.35 2.87 0.00	32.72 2.59 0.00	30.25 2.32 -1.56	30.46 2.41 0.00	30.19 2.34 0.00	33.69 2.27 -6.56	36.82 2.23 -10.86	36.89 2.53 -8.04	36.37 2.98 -4.81	38.43 3.27 -5.50	58.42 4.48 -13.81	91.55 3.98 -51.93	72.58 2.87 -44.11	148.81 1.49 -133.32	106.95 0.78 -98.60	74.42 0.56 -68.52	79.84 0.72 -72.26	46.37 1.55 -29.21	39.18 1.83 -17.45	58.43 1.95 -33.95	36.25 2.15 -11.53	28.26 2.82 0.00	29.35 2.70 -1.16
HOLTSVILLE_IC_9 23698	34.82 2.78 0.00	36.35 2.87 0.00	32.72 2.59 0.00	30.25 2.32 -1.56	30.46 2.41 0.00	30.19 2.34 0.00	33.69 2.27 -6.56	36.82 2.23 -10.86	36.89 2.53 -8.04	36.37 2.98 -4.81	38.43 3.27 -5.50	58.42 4.48 -13.81	91.55 3.98 -51.93	72.58 2.87 -44.11	148.81 1.49 -133.32	106.95 0.78 -98.60	74.42 0.56 -68.52	79.84 0.72 -72.26	46.37 1.55 -29.21	39.18 1.83 -17.45	58.43 1.95 -33.95	36.25 2.15 -11.53	28.26 2.82 0.00	29.35 2.70 -1.16
HOMER_HL_115KV_TB2 355744	31.35 -0.69 0.00	32.65 -0.82 0.00	29.37 -0.76 0.00	25.72 -0.65 0.00	27.55 -0.51 0.00	27.45 -0.40 0.00	24.33 -0.53 0.00	23.20 -0.53 0.00	25.81 -0.51 0.00	28.38 -0.20 0.00	29.26 -0.40 0.00	38.75 -1.15 0.23	33.99 -1.64 0.01	24.54 -0.83 0.22	13.44 -0.56 0.00	7.22 -0.34 0.01	5.12 -0.21 0.00	6.60 -0.27 0.00	14.92 -0.69 0.00	19.14 -0.75 0.00	21.64 -0.89 0.00	21.61 -0.95 0.00	24.64 -0.81 0.00	24.58 -0.92 0.00
HOWARD_WT_PWR 323690	30.31 -1.73 0.00	31.51 -1.97 0.00	28.53 -1.60 0.00	25.20 -1.17 0.00	27.14 -0.92 0.00	26.82 -1.03 0.00	24.02 -0.84 0.00	23.10 -0.63 0.00	25.75 -0.58 0.00	28.18 -0.41 0.00	29.14 -0.52 0.00	41.52 -1.84 -3.23	33.19 -2.57 -0.11	26.79 -1.92 -3.12	12.84 -1.22 -0.06	6.98 -0.71 -0.12	4.86 -0.48 0.00	6.29 -0.58 0.00	14.48 -1.13 0.00	18.84 -1.05 0.00	21.40 -1.13 0.00	21.42 -1.14 0.00	23.87 -1.57 0.00	23.95 -1.54 0.00

HQ_GEN_CEDARS 23644	31.54 -0.50 0.00	32.88 -0.59 0.00	29.54 -0.59 0.00	25.80 -0.57 0.00	27.51 -0.55 0.00	27.29 -0.56 0.00	24.34 -0.52 0.00	23.25 -0.48 0.00	25.80 -0.52 0.00	27.87 -0.72 0.00	28.77 -0.90 0.00	38.85 -1.28 0.00	34.90 -0.75 0.00	24.95 -0.64 0.00	13.65 -0.35 0.00	7.37 -0.20 0.00	5.19 -0.14 0.00	6.70 -0.16 0.00	15.30 -0.31 0.00	19.53 -0.36 0.00	22.22 -0.30 0.00	22.29 -0.27 0.00	25.11 -0.34 0.00	25.10 -0.40 0.00
HQ_GEN_CEDARS_PROXY 323590	31.54 -0.50 0.00	32.88 -0.59 0.00	29.54 -0.59 0.00	25.80 -0.57 0.00	27.51 -0.55 0.00	27.29 -0.56 0.00	24.34 -0.52 0.00	23.25 -0.48 0.00	25.80 -0.52 0.00	27.87 -0.72 0.00	28.77 -0.89 0.00	38.85 -1.28 0.00	34.90 -0.75 0.00	24.95 -0.64 0.00	13.65 -0.35 0.00	7.36 -0.20 0.00	5.19 -0.14 0.00	6.70 -0.16 0.00	15.30 -0.31 0.00	19.53 -0.36 0.00	22.22 -0.30 0.00	22.29 -0.27 0.00	25.11 -0.34 0.00	25.10 -0.40 0.00
HQ_GEN_IMPORT 323601	31.55 -0.49 0.00	32.95 -0.52 0.00	29.66 -0.47 0.00	25.90 -0.46 0.00	27.58 -0.48 0.00	27.37 -0.48 0.00	24.42 -0.44 0.00	23.33 -0.39 0.00	25.92 -0.40 0.00	28.04 -0.54 0.00	29.04 -0.62 0.00	39.28 -0.85 0.00	35.07 -0.58 0.00	25.09 -0.50 0.00	13.73 -0.27 0.00	7.42 -0.14 0.00	5.23 -0.10 0.00	4.43 -0.13 2.30	15.34 -0.28 0.00	19.55 -0.34 0.00	22.18 -0.34 0.00	22.23 -0.32 0.00	25.09 -0.35 0.00	25.12 -0.38 0.00
HQ_GEN_WHEEL 23651	31.55 -0.49 0.00	32.95 -0.52 0.00	29.66 -0.47 0.00	25.90 -0.46 0.00	27.58 -0.48 0.00	27.37 -0.48 0.00	24.42 -0.44 0.00	23.33 -0.39 0.00	25.92 -0.40 0.00	28.04 -0.54 0.00	29.04 -0.62 0.00	39.28 -0.85 0.00	35.07 -0.58 0.00	25.09 -0.50 0.00	13.73 -0.27 0.00	7.42 -0.14 0.00	5.23 -0.10 0.00	4.43 -0.13 2.30	15.34 -0.28 0.00	19.55 -0.34 0.00	22.18 -0.34 0.00	22.23 -0.32 0.00	25.09 -0.35 0.00	25.12 -0.38 0.00
HUDSON AVE_GT_3 23810	34.47 2.43 0.00	35.95 2.48 0.00	32.27 2.14 0.00	28.23 1.86 0.00	30.01 1.95 0.00	29.81 1.95 0.00	26.72 1.85 0.00	25.57 1.85 0.00	28.43 2.10 0.00	31.12 2.54 0.00	32.47 2.81 0.00	47.08 3.93 -3.02	38.98 3.34 0.00	71.10 2.45 -43.06	148.27 1.36 -132.90	108.01 0.75 -99.70	76.14 0.52 -70.28	82.06 0.66 -74.54	47.66 1.51 -30.54	40.27 1.89 -18.48	61.09 2.09 -36.48	35.98 2.08 -11.34	27.91 2.46 0.00	27.78 2.29 0.00
HUDSON AVE_GT_4 23540	34.47 2.43 0.00	35.95 2.48 0.00	32.27 2.14 0.00	28.23 1.86 0.00	30.01 1.95 0.00	29.81 1.95 0.00	26.72 1.85 0.00	25.57 1.85 0.00	28.43 2.10 0.00	31.12 2.54 0.00	32.47 2.81 0.00	47.08 3.93 -3.02	38.98 3.34 0.00	71.10 2.45 -43.06	148.27 1.36 -132.90	108.01 0.75 -99.70	76.14 0.52 -70.28	82.06 0.66 -74.54	47.66 1.51 -30.54	40.27 1.89 -18.48	61.09 2.09 -36.48	35.98 2.08 -11.34	27.91 2.46 0.00	27.78 2.29 0.00
HUDSON AVE_GT_5 23657	34.47 2.43 0.00	35.95 2.48 0.00	32.27 2.14 0.00	28.23 1.86 0.00	30.01 1.95 0.00	29.81 1.95 0.00	26.72 1.85 0.00	25.57 1.85 0.00	28.43 2.10 0.00	31.12 2.54 0.00	32.47 2.81 0.00	47.08 3.93 -3.02	38.98 3.34 0.00	71.10 2.45 -43.06	148.27 1.36 -132.90	108.01 0.75 -99.70	76.14 0.52 -70.28	82.06 0.66 -74.54	47.66 1.51 -30.54	40.27 1.89 -18.48	61.09 2.09 -36.48	35.98 2.08 -11.34	27.91 2.46 0.00	27.78 2.29 0.00
HUDSON_AVE_10 24168	34.35 2.32 0.00	35.82 2.35 0.00	32.17 2.04 0.00	28.14 1.78 0.00	29.93 1.87 0.00	29.71 1.86 0.00	26.63 1.77 0.00	25.50 1.78 0.00	28.35 2.03 0.00	31.02 2.44 0.00	32.38 2.71 0.00	46.95 3.80 -3.02	38.85 3.21 0.00	70.99 2.35 -43.06	148.22 1.31 -132.90	107.99 0.72 -99.70	76.11 0.50 -70.28	82.03 0.63 -74.54	47.61 1.46 -30.54	40.18 1.81 -18.48	61.01 2.01 -36.48	35.89 1.99 -11.34	27.79 2.35 0.00	27.67 2.18 0.00
HUDSON___115KV_TB 4 355613	33.28 1.24 0.00	34.86 1.38 0.00	31.54 1.41 0.00	27.68 1.31 0.00	29.39 1.33 0.00	29.19 1.34 0.00	26.10 1.24 0.00	24.92 1.19 0.00	27.50 1.18 0.00	29.80 1.22 0.00	30.95 1.29 0.00	42.43 1.88 -0.42	37.66 2.01 0.00	31.41 1.21 -4.61	39.25 0.66 -24.58	37.05 0.44 -29.04	26.02 0.30 -20.38	29.51 0.43 -22.21	24.54 0.90 -8.03	22.82 1.11 -1.82	24.17 1.28 -0.36	23.76 1.20 0.00	26.65 1.20 0.00	26.66 1.16 0.00
HUNTER MOUNT___DRP 323613	33.41 1.37 0.00	35.02 1.54 0.00	31.71 1.57 0.00	27.83 1.46 0.00	29.55 1.49 0.00	29.33 1.48 0.00	26.23 1.36 0.00	25.03 1.30 0.00	27.61 1.29 0.00	29.90 1.32 0.00	31.00 1.33 0.00	42.13 2.00 0.00	37.83 2.19 0.00	31.56 1.24 -4.73	39.96 0.70 -25.25	37.88 0.48 -29.83	26.60 0.32 -20.94	30.16 0.48 -22.83	24.85 0.99 -8.25	22.97 1.21 -1.87	24.31 1.42 -0.37	23.87 1.32 0.00	26.73 1.28 0.00	26.74 1.25 0.00
HUNTINGTON_RES_REC 323705	34.66 2.62 0.00	36.22 2.75 0.00	32.62 2.49 0.00	30.19 2.26 -1.56	30.40 2.34 0.00	30.12 2.27 0.00	33.63 2.21 -6.56	36.74 2.15 -10.86	36.80 2.44 -8.04	36.24 2.85 -4.81	38.29 3.13 -5.50	58.23 4.29 -13.81	91.39 3.81 -51.93	72.41 2.71 -44.11	148.76 1.44 -133.32	104.04 0.76 -95.71	70.47 0.52 -64.61	74.84 0.66 -67.32	43.48 1.42 -26.45	36.99 1.67 -15.43	53.37 1.78 -29.06	34.69 1.97 -10.16	28.08 2.63 0.00	29.21 2.57 -1.16
HUNTLEY___63 23557	30.67 -1.36 0.00	31.91 -1.57 0.00	28.83 -1.30 0.00	25.25 -1.12 0.00	27.06 -1.00 0.00	26.87 -0.98 0.00	23.78 -1.08 0.00	22.29 -1.44 0.00	24.69 -1.63 0.00	27.13 -1.45 0.00	28.17 -1.50 0.00	36.53 -2.75 0.85	32.72 -2.89 0.03	22.98 -1.78 0.83	12.97 -1.02 0.02	7.02 -0.52 0.03	5.03 -0.31 0.00	6.51 -0.35 0.00	14.68 -0.94 0.00	18.81 -1.08 0.00	21.25 -1.28 0.00	21.24 -1.32 0.00	23.91 -1.53 0.00	23.82 -1.67 0.00
HUNTLEY___64 23558	30.67 -1.36 0.00	31.91 -1.57 0.00	28.83 -1.30 0.00	25.25 -1.12 0.00	27.06 -1.00 0.00	26.87 -0.98 0.00	23.78 -1.08 0.00	22.29 -1.44 0.00	24.69 -1.63 0.00	27.13 -1.45 0.00	28.17 -1.50 0.00	36.53 -2.75 0.85	32.72 -2.89 0.03	22.98 -1.78 0.83	12.97 -1.02 0.02	7.02 -0.52 0.03	5.03 -0.31 0.00	6.51 -0.35 0.00	14.68 -0.94 0.00	18.81 -1.08 0.00	21.25 -1.28 0.00	21.24 -1.32 0.00	23.91 -1.53 0.00	23.82 -1.67 0.00
HUNTLEY___65 23559	30.67 -1.36 0.00	31.91 -1.57 0.00	28.83 -1.30 0.00	25.25 -1.12 0.00	27.06 -1.00 0.00	26.87 -0.98 0.00	23.78 -1.08 0.00	22.29 -1.44 0.00	24.69 -1.63 0.00	27.13 -1.45 0.00	28.17 -1.50 0.00	36.53 -2.75 0.85	32.72 -2.89 0.03	22.98 -1.78 0.83	12.97 -1.02 0.02	7.02 -0.52 0.03	5.03 -0.31 0.00	6.51 -0.35 0.00	14.68 -0.94 0.00	18.81 -1.08 0.00	21.25 -1.28 0.00	21.24 -1.32 0.00	23.91 -1.53 0.00	23.82 -1.67 0.00
HUNTLEY___66 23560	30.67 -1.36 0.00	31.91 -1.57 0.00	28.83 -1.30 0.00	25.25 -1.12 0.00	27.06 -1.00 0.00	26.87 -0.98 0.00	23.78 -1.08 0.00	22.29 -1.44 0.00	24.69 -1.63 0.00	27.13 -1.45 0.00	28.17 -1.50 0.00	36.53 -2.75 0.85	32.72 -2.89 0.03	22.98 -1.78 0.83	12.97 -1.02 0.02	7.02 -0.52 0.03	5.03 -0.31 0.00	6.51 -0.35 0.00	14.68 -0.94 0.00	18.81 -1.08 0.00	21.25 -1.28 0.00	21.24 -1.32 0.00	23.91 -1.53 0.00	23.82 -1.67 0.00

HUNTLEY___67 23561	30.38 -1.65 0.00	31.63 -1.84 0.00	28.57 -1.56 0.00	25.03 -1.34 0.00	26.83 -1.23 0.00	26.66 -1.19 0.00	23.60 -1.26 0.00	22.16 -1.56 0.00	24.57 -1.75 0.00	26.99 -1.59 0.00	28.00 -1.66 0.00	36.17 -2.95 1.01	32.57 -3.04 0.03	22.72 -1.89 0.98	12.89 -1.10 0.02	6.97 -0.57 0.04	4.99 -0.35 0.00	6.45 -0.41 0.00	14.55 -1.06 0.00	18.66 -1.23 0.00	21.09 -1.44 0.00	21.07 -1.49 0.00	23.74 -1.70 0.00	23.67 -1.82 0.00
HUNTLEY___68 23562	30.38 -1.65 0.00	31.63 -1.84 0.00	28.57 -1.56 0.00	25.03 -1.34 0.00	26.83 -1.23 0.00	26.66 -1.19 0.00	23.60 -1.26 0.00	22.16 -1.56 0.00	24.57 -1.75 0.00	26.99 -1.59 0.00	28.00 -1.66 0.00	36.17 -2.95 1.01	32.57 -3.04 0.03	22.72 -1.89 0.98	12.89 -1.10 0.02	6.97 -0.57 0.04	4.99 -0.35 0.00	6.45 -0.41 0.00	14.55 -1.06 0.00	18.66 -1.23 0.00	21.09 -1.44 0.00	21.07 -1.49 0.00	23.74 -1.70 0.00	23.67 -1.82 0.00
HYLAND___LFG 323620	32.42 0.38 0.00	33.71 0.23 0.00	30.37 0.24 0.00	26.64 0.27 0.00	28.59 0.52 0.00	28.27 0.42 0.00	25.20 0.33 0.00	23.80 0.07 0.00	26.13 -0.20 0.00	28.51 -0.07 0.00	29.64 -0.02 0.00	43.09 -0.69 -3.65	34.68 -1.09 -0.12	28.45 -0.67 -3.53	13.64 -0.43 -0.07	7.44 -0.26 -0.13	5.18 -0.16 0.00	6.70 -0.16 0.00	15.40 -0.21 0.00	19.92 0.03 0.00	22.54 0.01 0.00	22.56 0.00 0.00	25.14 -0.30 0.00	25.38 -0.11 0.00
INDECK___CORINTH 23802	34.40 2.37 0.00	35.94 2.47 0.00	32.30 2.17 0.00	28.36 1.99 0.00	30.12 2.07 0.00	29.92 2.07 0.00	26.76 1.90 0.00	25.62 1.89 0.00	28.53 2.20 0.00	30.87 2.29 0.00	31.94 2.27 0.00	43.71 3.11 -0.46	37.97 2.33 0.00	31.26 1.56 -4.11	36.68 0.76 -21.91	33.86 0.40 -25.89	23.79 0.28 -18.17	27.05 0.38 -19.81	23.75 0.97 -7.16	22.74 1.23 -1.62	24.26 1.41 -0.32	23.95 1.39 0.00	27.31 1.86 0.00	27.53 2.03 0.00
INDECK___ILION 23567	32.28 0.25 0.00	33.80 0.32 0.00	30.46 0.33 0.00	26.65 0.28 0.00	28.40 0.34 0.00	28.22 0.37 0.00	25.17 0.31 0.00	24.05 0.32 0.00	26.68 0.36 0.00	28.92 0.33 0.00	30.07 0.40 0.00	40.75 0.62 0.00	36.08 0.44 0.00	25.90 0.31 0.00	14.20 0.19 0.00	7.65 0.08 0.00	5.40 0.06 0.00	6.94 0.08 0.00	15.79 0.18 0.00	20.17 0.27 0.00	22.87 0.34 0.00	22.88 0.31 0.00	25.76 0.31 0.00	25.77 0.27 0.00
INDECK___OLEAN 23982	31.35 -0.69 0.00	32.65 -0.82 0.00	29.37 -0.76 0.00	25.72 -0.65 0.00	27.54 -0.51 0.00	27.45 -0.40 0.00	24.33 -0.53 0.00	23.20 -0.52 0.00	25.82 -0.50 0.00	28.38 -0.20 0.00	29.27 -0.39 0.00	38.75 -1.15 0.23	34.01 -1.63 0.01	24.55 -0.81 0.22	13.45 -0.55 0.00	7.23 -0.33 0.01	5.12 -0.21 0.00	6.60 -0.26 0.00	14.93 -0.67 0.00	19.15 -0.74 0.00	21.64 -0.89 0.00	21.62 -0.94 0.00	24.64 -0.81 0.00	24.58 -0.91 0.00
INDECK___OSWEGO 23783	31.55 -0.49 0.00	32.91 -0.57 0.00	29.62 -0.52 0.00	25.94 -0.43 0.00	27.61 -0.44 0.00	27.41 -0.44 0.00	24.45 -0.42 0.00	23.24 -0.48 0.00	25.74 -0.58 0.00	27.98 -0.60 0.00	29.03 -0.64 0.00	39.14 -0.99 0.00	34.69 -0.95 0.00	24.95 -0.64 0.00	13.63 -0.37 0.00	7.35 -0.22 0.00	5.19 -0.15 0.00	6.68 -0.18 0.00	15.19 -0.43 0.00	19.38 -0.51 0.00	21.93 -0.60 0.00	21.97 -0.59 0.00	24.74 -0.70 0.00	24.89 -0.60 0.00
INDECK___YERKES 23781	30.71 -1.33 0.00	31.94 -1.53 0.00	28.85 -1.28 0.00	25.28 -1.09 0.00	27.08 -0.98 0.00	26.90 -0.95 0.00	23.81 -1.05 0.00	22.31 -1.42 0.00	24.72 -1.60 0.00	27.17 -1.41 0.00	28.20 -1.46 0.00	36.57 -2.71 0.85	32.78 -2.84 0.03	23.05 -1.71 0.83	13.01 -0.98 0.02	7.04 -0.49 0.03	5.04 -0.29 0.00	6.53 -0.34 0.00	14.71 -0.90 0.00	18.86 -1.04 0.00	21.28 -1.24 0.00	21.28 -1.28 0.00	23.94 -1.51 0.00	23.85 -1.64 0.00
INDIAN POINT_GT_1 24139	34.08 2.04 0.00	35.57 2.10 0.00	31.94 1.80 0.00	27.94 1.58 0.00	29.70 1.64 0.00	29.50 1.65 0.00	26.43 1.57 0.00	25.27 1.55 0.00	28.08 1.76 0.00	30.72 2.13 0.00	32.04 2.38 0.00	47.03 3.35 -3.54	38.49 2.85 0.00	67.87 2.14 -40.14	150.21 1.21 -134.99	118.85 0.67 -110.62	83.03 0.46 -77.24	89.92 0.59 -82.47	49.65 1.34 -32.70	38.24 1.65 -16.69	54.01 1.81 -29.68	33.46 1.79 -9.11	27.56 2.11 0.00	27.47 1.98 0.00
INDIAN POINT_GT_2 23659	34.08 2.04 0.00	35.57 2.10 0.00	31.94 1.80 0.00	27.94 1.58 0.00	29.70 1.64 0.00	29.50 1.65 0.00	26.43 1.57 0.00	25.27 1.55 0.00	28.08 1.76 0.00	30.72 2.13 0.00	32.04 2.38 0.00	47.03 3.35 -3.54	38.49 2.85 0.00	67.87 2.14 -40.14	150.21 1.21 -134.99	118.85 0.67 -110.62	83.03 0.46 -77.24	89.92 0.59 -82.47	49.65 1.34 -32.70	38.24 1.65 -16.69	54.01 1.81 -29.68	33.46 1.79 -9.11	27.56 2.11 0.00	27.47 1.98 0.00
INDIAN POINT_GT_3 24019	34.08 2.04 0.00	35.57 2.10 0.00	31.94 1.80 0.00	27.94 1.58 0.00	29.70 1.64 0.00	29.50 1.65 0.00	26.43 1.57 0.00	25.27 1.55 0.00	28.08 1.76 0.00	30.72 2.13 0.00	32.04 2.38 0.00	47.03 3.35 -3.54	38.49 2.85 0.00	67.87 2.14 -40.14	150.21 1.21 -134.99	118.85 0.67 -110.62	83.03 0.46 -77.24	89.92 0.59 -82.47	49.65 1.34 -32.70	38.24 1.65 -16.69	54.01 1.81 -29.68	33.46 1.79 -9.11	27.56 2.11 0.00	27.47 1.98 0.00
INDIAN POINT___2 23530	34.03 1.99 0.00	35.53 2.05 0.00	31.88 1.75 0.00	27.90 1.54 0.00	29.66 1.60 0.00	29.45 1.60 0.00	26.39 1.53 0.00	25.23 1.50 0.00	28.04 1.72 0.00	30.67 2.08 0.00	31.98 2.32 0.00	48.19 3.27 -4.79	38.41 2.76 0.00	54.73 2.10 -27.04	130.03 1.19 -114.84	125.60 0.65 -117.38	88.13 0.45 -82.34	96.52 0.58 -89.07	50.26 1.31 -33.34	32.73 1.63 -11.21	36.92 1.78 -12.62	27.91 1.76 -3.60	27.52 2.08 0.00	27.43 1.94 0.00
INDIAN POINT___3 23531	34.03 1.99 0.00	35.52 2.05 0.00	31.88 1.75 0.00	27.91 1.54 0.00	29.66 1.60 0.00	29.46 1.61 0.00	26.39 1.53 0.00	25.23 1.51 0.00	28.04 1.72 0.00	30.67 2.08 0.00	31.98 2.32 0.00	47.04 3.28 -3.64	38.42 2.78 0.00	83.75 2.09 -56.08	180.31 1.18 -165.12	121.23 0.65 -113.01	84.48 0.45 -78.69	90.35 0.58 -82.91	51.74 1.31 -34.81	44.97 1.63 -23.45	73.11 1.78 -48.81	39.58 1.76 -15.27	27.52 2.08 0.00	27.43 1.94 0.00
INGHAM_C_115KV_TB7 356103	32.24 0.21 0.00	33.84 0.36 0.00	30.55 0.41 0.00	26.70 0.33 0.00	28.53 0.47 0.00	28.38 0.53 0.00	25.27 0.40 0.00	24.19 0.46 0.00	26.85 0.52 0.00	28.97 0.38 0.00	30.20 0.53 0.00	40.97 0.84 0.00	36.17 0.52 0.00	25.92 0.33 0.00	14.24 0.23 0.00	7.64 0.07 0.00	5.40 0.06 0.00	6.95 0.09 0.00	15.80 0.19 0.00	20.24 0.35 0.00	23.02 0.50 0.00	22.99 0.43 0.00	25.86 0.42 0.00	25.81 0.32 0.00
IP CORINTH___1 23988	34.40 2.37 0.00	35.94 2.47 0.00	32.30 2.17 0.00	28.35 1.99 0.00	30.12 2.07 0.00	29.92 2.07 0.00	26.76 1.90 0.00	25.62 1.89 0.00	28.53 2.20 0.00	30.87 2.29 0.00	31.94 2.28 0.00	43.75 3.16 -0.46	38.05 2.41 0.00	31.35 1.64 -4.11	36.75 0.83 -21.91	33.90 0.44 -25.89	23.82 0.32 -18.17	27.09 0.42 -19.81	23.83 1.06 -7.16	22.85 1.34 -1.62	24.39 1.54 -0.32	24.06 1.50 0.00	27.33 1.89 0.00	27.53 2.04 0.00

IP___TICONDEROGA 23804	35.94 3.90 0.00	37.51 4.04 0.00	33.61 3.47 0.00	29.63 3.27 0.00	31.45 3.39 0.00	31.23 3.38 0.00	28.02 3.15 0.00	26.85 3.13 0.00	29.86 3.54 0.00	32.23 3.65 0.00	33.48 3.81 0.00	45.75 5.16 -0.46	40.27 4.62 0.00	32.84 3.12 -4.13	37.70 1.67 -22.03	34.52 0.93 -26.02	24.27 0.67 -18.27	27.62 0.85 -19.91	24.77 1.96 -7.20	24.08 2.57 -1.63	25.68 2.84 -0.32	25.33 2.78 0.00	28.49 3.04 0.00	28.86 3.37 0.00
ISLIP_RES_REC 323679	34.97 2.93 0.00	36.49 3.02 0.00	32.85 2.71 0.00	30.36 2.43 -1.56	30.57 2.51 0.00	30.30 2.45 0.00	33.80 2.38 -6.56	36.92 2.33 -10.86	37.00 2.64 -8.04	36.49 3.10 -4.81	38.58 3.42 -5.50	58.63 4.69 -13.81	91.77 4.20 -51.93	72.74 3.04 -44.11	148.90 1.58 -133.32	107.03 0.83 -98.64	74.50 0.59 -68.57	79.95 0.76 -72.32	46.50 1.65 -29.24	39.33 1.96 -17.48	58.61 2.08 -34.01	36.39 2.28 -11.55	28.39 2.95 0.00	29.47 2.83 -1.16
JAMAICA__27_KV_LOAD 355505	34.62 2.59 0.00	36.09 2.61 0.00	32.45 2.32 0.00	28.40 2.03 0.00	30.20 2.15 0.00	29.97 2.12 0.00	26.86 2.00 0.00	25.73 2.00 0.00	28.65 2.33 0.00	31.28 2.69 0.00	32.71 3.04 0.00	47.40 4.25 -3.02	39.23 3.59 0.00	71.22 2.58 -43.06	148.37 1.46 -132.90	108.06 0.80 -99.70	76.16 0.55 -70.28	82.11 0.71 -74.54	47.80 1.64 -30.54	40.38 2.01 -18.48	61.25 2.24 -36.48	36.10 2.20 -11.34	28.01 2.57 0.00	27.89 2.40 0.00
JANIS___SOLAR 323808	32.86 0.82 0.00	34.24 0.77 0.00	30.84 0.70 0.00	27.08 0.71 0.00	28.90 0.84 0.00	28.74 0.89 0.00	25.60 0.74 0.00	24.41 0.68 0.00	27.02 0.69 0.00	29.29 0.71 0.00	30.30 0.63 0.00	41.15 0.80 -0.21	36.51 0.86 -0.01	26.41 0.61 -0.21	14.13 0.12 0.00	7.63 0.05 -0.01	5.39 0.06 0.00	6.99 0.13 0.00	15.93 0.32 0.00	20.53 0.64 0.00	23.14 0.61 0.00	23.29 0.74 0.00	26.16 0.71 0.00	26.05 0.55 0.00
JARVIS____ 23743	32.23 0.19 0.00	33.69 0.21 0.00	30.32 0.19 0.00	26.56 0.19 0.00	28.26 0.19 0.00	28.05 0.19 0.00	25.04 0.17 0.00	23.90 0.17 0.00	26.50 0.18 0.00	28.78 0.20 0.00	29.90 0.24 0.00	40.45 0.32 0.00	35.89 0.25 0.00	25.79 0.20 0.00	14.12 0.11 0.00	7.63 0.06 0.00	5.37 0.04 0.00	6.91 0.05 0.00	15.72 0.11 0.00	20.03 0.14 0.00	22.70 0.17 0.00	22.72 0.16 0.00	25.62 0.17 0.00	25.67 0.18 0.00
JENNISON___1 23625	32.36 0.32 0.00	33.69 0.22 0.00	30.43 0.30 0.00	26.73 0.37 0.00	28.58 0.51 0.00	28.56 0.71 0.00	25.40 0.53 0.00	24.31 0.58 0.00	27.36 1.03 0.00	29.81 1.23 0.00	30.89 1.22 0.00	41.84 1.70 0.00	37.07 1.42 0.00	26.64 1.05 0.00	14.23 0.22 0.00	7.63 0.07 0.00	5.35 0.02 0.00	6.94 0.08 0.00	15.80 0.19 0.00	20.22 0.33 0.00	22.86 0.33 0.00	23.17 0.61 0.00	26.07 0.62 0.00	25.88 0.39 0.00
JENNISON___2 23626	32.36 0.32 0.00	33.69 0.22 0.00	30.43 0.30 0.00	26.73 0.37 0.00	28.58 0.51 0.00	28.56 0.71 0.00	25.40 0.53 0.00	24.31 0.58 0.00	27.36 1.03 0.00	29.81 1.23 0.00	30.89 1.22 0.00	41.84 1.70 0.00	37.07 1.42 0.00	26.64 1.05 0.00	14.23 0.22 0.00	7.63 0.07 0.00	5.35 0.02 0.00	6.94 0.08 0.00	15.80 0.19 0.00	20.22 0.33 0.00	22.86 0.33 0.00	23.17 0.61 0.00	26.07 0.62 0.00	25.88 0.39 0.00
JERICHO_RISE_WT_PWR 323719	30.89 -1.15 0.00	32.45 -1.02 0.00	29.09 -1.04 0.00	25.33 -1.04 0.00	27.20 -0.86 0.00	27.09 -0.77 0.00	24.07 -0.80 0.00	22.99 -0.74 0.00	25.49 -0.84 0.00	27.37 -1.21 0.00	28.24 -1.43 0.00	37.87 -2.26 0.00	34.37 -1.27 0.00	24.52 -1.07 0.00	13.45 -0.56 0.00	7.25 -0.31 0.00	5.13 -0.20 0.00	6.67 -0.19 0.00	15.35 -0.26 0.00	19.59 -0.30 0.00	22.30 -0.23 0.00	22.33 -0.23 0.00	25.06 -0.38 0.00	25.14 -0.36 0.00
KATONAH___115KV_46KV_TB4 355592	34.24 2.21 0.00	35.74 2.27 0.00	32.09 1.96 0.00	28.09 1.72 0.00	29.84 1.78 0.00	29.64 1.79 0.00	26.56 1.70 0.00	25.41 1.69 0.00	28.27 1.94 0.00	30.95 2.37 0.00	32.31 2.64 0.00	45.75 3.78 -1.84	38.87 3.23 0.00	40.46 2.46 -12.41	76.84 1.37 -61.46	78.39 0.74 -70.09	55.15 0.50 -49.31	61.16 0.64 -53.66	36.60 1.44 -19.55	26.59 1.79 -4.91	26.86 1.98 -2.35	24.99 1.96 -0.48	27.69 2.24 0.00	27.57 2.08 0.00
KCE_NY_1 323755	33.93 1.89 0.00	35.50 2.03 0.00	31.92 1.79 0.00	27.97 1.60 0.00	29.75 1.69 0.00	29.57 1.71 0.00	26.38 1.51 0.00	25.24 1.51 0.00	28.07 1.75 0.00	30.41 1.83 0.00	31.57 1.91 0.00	43.41 2.81 -0.47	37.93 2.29 0.00	31.39 1.64 -4.16	37.10 0.91 -22.18	34.27 0.49 -26.21	24.08 0.35 -18.40	27.37 0.45 -20.05	23.95 1.09 -7.25	22.85 1.31 -1.64	24.36 1.51 -0.32	24.00 1.44 0.00	27.06 1.61 0.00	27.12 1.63 0.00
KCE_NY_6_ESR 323823	30.76 -1.28 0.00	31.99 -1.48 0.00	28.86 -1.27 0.00	25.29 -1.08 0.00	27.11 -0.95 0.00	26.96 -0.89 0.00	23.90 -0.96 0.00	22.53 -1.20 0.00	25.00 -1.33 0.00	27.45 -1.13 0.00	28.46 -1.21 0.00	36.75 -2.33 1.05	33.10 -2.50 0.04	23.05 -1.52 1.02	13.08 -0.91 0.02	7.06 -0.47 0.04	5.05 -0.28 0.00	6.53 -0.33 0.00	14.74 -0.87 0.00	18.92 -0.98 0.00	21.36 -1.16 0.00	21.34 -1.22 0.00	24.07 -1.37 0.00	23.99 -1.51 0.00
KEDC_PORT_JEFF_GT2 24210	34.73 2.70 0.00	36.28 2.80 0.00	32.65 2.52 0.00	30.20 2.27 -1.56	30.40 2.35 0.00	30.13 2.28 0.00	33.64 2.22 -6.56	36.76 2.17 -10.86	36.82 2.47 -8.04	36.29 2.90 -4.81	38.36 3.20 -5.50	58.33 4.39 -13.81	91.44 3.87 -51.93	72.36 2.66 -44.11	148.69 1.37 -133.32	106.72 0.71 -98.43	74.13 0.50 -68.29	79.48 0.64 -71.97	46.05 1.39 -29.05	38.89 1.67 -17.34	57.98 1.79 -33.66	36.06 2.05 -11.45	28.18 2.73 0.00	29.29 2.64 -1.16
KEDC_PORT_JEFF_GT3 24211	34.73 2.70 0.00	36.28 2.80 0.00	32.65 2.52 0.00	30.20 2.27 -1.56	30.40 2.35 0.00	30.13 2.28 0.00	33.64 2.22 -6.56	36.76 2.17 -10.86	36.82 2.47 -8.04	36.29 2.90 -4.81	38.36 3.20 -5.50	58.33 4.39 -13.81	91.44 3.87 -51.93	72.36 2.66 -44.11	148.69 1.37 -133.32	106.72 0.71 -98.43	74.13 0.50 -68.29	79.48 0.64 -71.97	46.05 1.39 -29.05	38.89 1.67 -17.34	57.98 1.79 -33.66	36.06 2.05 -11.45	28.18 2.73 0.00	29.29 2.64 -1.16
KEDC_GLWD_GT4 24219	34.87 2.84 0.00	36.39 2.91 0.00	32.69 2.56 0.00	30.18 2.25 -1.56	30.40 2.35 0.00	30.16 2.31 0.00	33.64 2.22 -6.56	36.77 2.18 -10.86	36.84 2.49 -8.04	36.33 2.93 -4.81	38.18 3.01 -5.50	58.14 4.20 -13.81	91.23 3.66 -51.93	72.35 2.64 -44.11	148.76 1.44 -133.32	108.47 0.78 -100.12	76.46 0.55 -70.58	82.42 0.69 -74.87	47.78 1.50 -30.66	40.21 1.79 -18.52	60.98 1.93 -36.52	36.82 2.00 -12.26	27.97 2.53 0.00	29.06 2.41 -1.16
KEDC_GLWD_GT5 24220	34.87 2.84 0.00	36.39 2.91 0.00	32.69 2.56 0.00	30.18 2.25 -1.56	30.40 2.35 0.00	30.16 2.31 0.00	33.64 2.22 -6.56	36.77 2.18 -10.86	36.84 2.49 -8.04	36.33 2.93 -4.81	38.18 3.01 -5.50	58.14 4.20 -13.81	91.23 3.66 -51.93	72.35 2.64 -44.11	148.76 1.44 -133.32	108.47 0.78 -100.12	76.46 0.55 -70.58	82.42 0.69 -74.87	47.78 1.50 -30.66	40.21 1.79 -18.52	60.98 1.93 -36.52	36.82 2.00 -12.26	27.97 2.53 0.00	29.06 2.41 -1.16

KENSICO____ 23655	34.17 2.13 0.00	35.67 2.19 0.00	32.01 1.88 0.00	28.02 1.65 0.00	29.78 1.73 0.00	29.58 1.73 0.00	26.50 1.64 0.00	25.35 1.62 0.00	28.17 1.84 0.00	30.81 2.23 0.00	32.14 2.47 0.00	46.84 3.49 -3.22	38.61 2.97 0.00	71.81 2.22 -44.00	152.31 1.25 -137.05	112.06 0.69 -103.81	78.42 0.48 -72.61	84.48 0.61 -77.01	48.45 1.37 -31.47	40.41 1.71 -18.82	61.29 1.87 -36.90	35.88 1.86 -11.46	27.64 2.19 0.00	27.54 2.05 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.14 2.11 0.00	35.59 2.11 0.00	31.90 1.77 0.00	27.90 1.54 0.00	29.65 1.59 0.00	29.45 1.60 0.00	26.39 1.53 0.00	25.23 1.51 0.00	28.13 1.81 0.00	30.74 2.16 0.00	32.16 2.50 0.00	43.69 3.56 0.00	38.68 3.04 0.00	27.58 1.99 0.00	15.10 1.09 0.00	8.19 0.62 0.00	5.77 0.44 0.00	7.44 0.58 0.00	16.90 1.29 0.00	21.50 1.61 0.00	24.29 1.76 0.00	24.42 1.86 0.00	27.54 2.10 0.00	27.39 1.90 0.00
KIAC_JFK_GT1 23816	34.42 2.38 0.00	35.89 2.41 0.00	32.25 2.12 0.00	28.23 1.86 0.00	30.02 1.96 0.00	29.79 1.94 0.00	26.71 1.84 0.00	25.57 1.85 0.00	28.48 2.15 0.00	31.09 2.51 0.00	32.50 2.84 0.00	47.10 3.96 -3.02	38.95 3.30 0.00	70.96 2.32 -43.06	148.22 1.31 -132.90	107.98 0.72 -99.70	76.11 0.49 -70.28	82.03 0.63 -74.54	47.62 1.47 -30.54	40.18 1.80 -18.48	61.02 2.01 -36.48	35.87 1.96 -11.34	27.75 2.30 0.00	27.64 2.14 0.00
KIAC_JFK_GT2 23817	34.42 2.38 0.00	35.89 2.41 0.00	32.25 2.12 0.00	28.23 1.86 0.00	30.02 1.96 0.00	29.79 1.94 0.00	26.71 1.84 0.00	25.57 1.85 0.00	28.48 2.15 0.00	31.09 2.51 0.00	32.50 2.84 0.00	47.10 3.96 -3.02	38.95 3.30 0.00	70.96 2.32 -43.06	148.22 1.31 -132.90	107.98 0.72 -99.70	76.11 0.49 -70.28	82.03 0.63 -74.54	47.62 1.47 -30.54	40.18 1.80 -18.48	61.02 2.01 -36.48	35.87 1.96 -11.34	27.75 2.30 0.00	27.64 2.14 0.00
KIAC_JFK____ 323774	34.42 2.39 0.00	35.88 2.41 0.00	32.24 2.11 0.00	28.23 1.86 0.00	30.02 1.96 0.00	29.79 1.94 0.00	26.71 1.84 0.00	25.57 1.85 0.00	28.48 2.15 0.00	31.09 2.51 0.00	32.50 2.83 0.00	47.11 3.96 -3.02	38.95 3.30 0.00	70.96 2.31 -43.06	148.22 1.31 -132.90	107.98 0.72 -99.70	76.10 0.48 -70.28	82.03 0.63 -74.54	47.62 1.47 -30.54	40.18 1.81 -18.48	61.02 2.01 -36.48	35.87 1.96 -11.34	27.74 2.30 0.00	27.63 2.14 0.00
KINTIGH____ 23543	30.60 -1.44 0.00	31.88 -1.60 0.00	28.77 -1.36 0.00	25.20 -1.17 0.00	26.97 -1.09 0.00	26.78 -1.07 0.00	23.72 -1.14 0.00	22.31 -1.42 0.00	24.73 -1.59 0.00	27.15 -1.43 0.00	28.17 -1.50 0.00	36.99 -2.62 0.51	32.96 -2.67 0.02	23.43 -1.66 0.50	13.04 -0.96 0.01	7.05 -0.50 0.02	5.03 -0.31 0.00	6.50 -0.36 0.00	14.68 -0.93 0.00	18.80 -1.10 0.00	21.23 -1.30 0.00	21.23 -1.33 0.00	23.92 -1.53 0.00	23.86 -1.64 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.23 -0.80 0.00	32.86 -0.61 0.00	29.47 -0.66 0.00	25.63 -0.74 0.00	27.55 -0.50 0.00	27.48 -0.38 0.00	24.41 -0.45 0.00	23.34 -0.39 0.00	25.87 -0.45 0.00	27.70 -0.88 0.00	28.67 -0.99 0.00	38.30 -1.83 0.00	34.81 -0.84 0.00	24.86 -0.74 0.00	13.65 -0.36 0.00	7.36 -0.21 0.00	5.21 -0.12 0.00	6.78 -0.08 0.00	15.63 0.02 0.00	19.95 0.06 0.00	22.70 0.18 0.00	22.73 0.17 0.00	25.45 0.01 0.00	25.53 0.04 0.00
LACHUTE__HYDRO 323717	35.94 3.90 0.00	37.51 4.04 0.00	33.61 3.48 0.00	29.63 3.27 0.00	31.45 3.39 0.00	31.23 3.37 0.00	28.02 3.15 0.00	26.85 3.13 0.00	29.86 3.54 0.00	32.23 3.65 0.00	33.48 3.81 0.00	45.75 5.16 -0.46	40.27 4.62 0.00	32.84 3.12 -4.13	37.70 1.67 -22.03	34.52 0.93 -26.02	24.27 0.67 -18.27	27.62 0.85 -19.91	24.77 1.96 -7.20	24.09 2.56 -1.63	25.68 2.84 -0.32	25.33 2.78 0.00	28.49 3.04 0.00	28.86 3.37 0.00
LAWRNCV_115KV_TB1 80681	31.19 -0.85 0.00	32.53 -0.94 0.00	29.21 -0.92 0.00	25.52 -0.85 0.00	27.22 -0.84 0.00	27.01 -0.84 0.00	24.09 -0.77 0.00	22.96 -0.77 0.00	25.49 -0.83 0.00	27.49 -1.10 0.00	28.28 -1.38 0.00	38.19 -1.94 0.00	34.40 -1.24 0.00	24.57 -1.02 0.00	13.44 -0.57 0.00	7.25 -0.31 0.00	5.11 -0.22 0.00	6.60 -0.26 0.00	15.12 -0.49 0.00	19.31 -0.58 0.00	22.06 -0.47 0.00	22.13 -0.43 0.00	24.89 -0.56 0.00	24.88 -0.62 0.00
LEDERLE____ 23769	34.22 2.18 0.00	35.73 2.25 0.00	32.06 1.93 0.00	28.04 1.68 0.00	29.81 1.75 0.00	29.61 1.76 0.00	26.53 1.66 0.00	25.35 1.63 0.00	28.19 1.87 0.00	30.85 2.27 0.00	32.20 2.53 0.00	39.31 3.58 4.40	38.69 3.04 0.00	76.18 2.32 -48.27	190.06 1.32 -174.73	163.87 0.72 -155.58	114.68 0.51 -108.84	124.35 0.65 -116.84	62.33 1.46 -45.26	41.66 1.80 -19.96	56.04 1.96 -31.55	34.03 1.93 -9.54	27.71 2.26 0.00	27.61 2.11 0.00
LIGHTHSE_115KV_TB6 355974	31.61 -0.43 0.00	32.87 -0.61 0.00	29.57 -0.56 0.00	25.93 -0.44 0.00	27.64 -0.42 0.00	27.43 -0.42 0.00	24.48 -0.39 0.00	23.18 -0.54 0.00	25.72 -0.60 0.00	27.85 -0.73 0.00	28.75 -0.92 0.00	38.81 -1.32 0.00	34.43 -1.22 0.00	24.67 -0.92 0.00	13.47 -0.54 0.00	7.26 -0.31 0.00	5.14 -0.20 0.00	6.61 -0.25 0.00	15.08 -0.53 0.00	19.31 -0.59 0.00	22.04 -0.49 0.00	22.09 -0.47 0.00	24.82 -0.63 0.00	24.93 -0.56 0.00
LINDEN COGEN____ 23786	34.26 2.23 0.00	35.74 2.27 0.00	32.10 1.97 0.00	28.09 1.72 0.00	29.87 1.81 0.00	29.66 1.81 0.00	26.60 1.73 0.00	25.43 1.71 0.00	28.27 1.94 0.00	30.91 2.33 0.00	32.23 2.57 0.00	46.72 3.57 -3.02	38.67 3.03 0.00	66.76 2.23 -38.95	134.92 1.23 -119.69	86.01 0.68 -77.76	76.09 0.47 -70.28	82.00 0.60 -74.54	47.55 1.40 -30.54	40.12 1.75 -18.48	60.92 1.92 -36.48	35.81 1.91 -11.34	27.73 2.29 0.00	27.62 2.13 0.00
LINDHRST_69_KV_BK1 356055	34.99 2.96 0.00	36.52 3.05 0.00	32.83 2.70 0.00	30.31 2.38 -1.56	30.53 2.48 0.00	30.27 2.42 0.00	33.75 2.33 -6.56	36.87 2.28 -10.86	36.96 2.60 -8.04	36.44 3.05 -4.81	38.52 3.35 -5.50	58.50 4.57 -13.81	91.66 4.09 -51.93	72.61 2.91 -44.11	148.87 1.54 -133.32	107.95 0.84 -99.54	75.72 0.59 -69.80	81.50 0.76 -73.87	47.39 1.67 -30.11	39.98 1.97 -18.11	60.18 2.12 -35.54	36.82 2.28 -11.98	28.34 2.90 0.00	29.43 2.78 -1.15
LIPA_MISC_IPP 23656	34.65 2.61 0.00	36.18 2.70 0.00	32.55 2.42 0.00	30.10 2.18 -1.56	30.31 2.25 0.00	30.03 2.18 0.00	33.56 2.14 -6.56	36.70 2.11 -10.86	36.76 2.41 -8.04	36.25 2.86 -4.81	38.30 3.13 -5.50	58.22 4.28 -13.81	91.37 3.80 -51.93	72.46 2.76 -44.11	148.74 1.41 -133.32	107.21 0.75 -98.89	74.80 0.54 -68.92	80.33 0.70 -72.76	46.63 1.53 -29.49	39.33 1.78 -17.66	58.86 1.89 -34.44	36.32 2.09 -11.67	28.15 2.71 0.00	29.24 2.59 -1.15
LISF__SOLAR 323691	34.74 2.71 0.00	36.26 2.78 0.00	32.62 2.49 0.00	30.17 2.25 -1.56	30.38 2.32 0.00	30.10 2.25 0.00	33.62 2.20 -6.56	36.76 2.17 -10.86	36.83 2.47 -8.04	36.32 2.93 -4.81	38.37 3.21 -5.50	58.31 4.37 -13.81	91.46 3.89 -51.93	72.54 2.84 -44.11	148.78 1.45 -133.32	107.17 0.77 -98.83	74.72 0.56 -68.83	80.24 0.72 -72.65	46.60 1.56 -29.42	39.34 1.83 -17.61	58.81 1.95 -34.33	36.36 2.15 -11.64	28.24 2.79 0.00	29.32 2.67 -1.16

LITTLE FALLS___HYD 24013	32.24 0.21 0.00	33.84 0.36 0.00	30.55 0.41 0.00	26.70 0.33 0.00	28.53 0.47 0.00	28.38 0.53 0.00	25.27 0.40 0.00	24.19 0.46 0.00	26.85 0.52 0.00	28.97 0.38 0.00	30.20 0.53 0.00	40.97 0.84 0.00	36.17 0.52 0.00	25.92 0.33 0.00	14.24 0.23 0.00	7.64 0.07 0.00	5.40 0.06 0.00	6.95 0.09 0.00	15.80 0.19 0.00	20.24 0.35 0.00	23.02 0.50 0.00	22.99 0.43 0.00	25.86 0.42 0.00	25.81 0.32 0.00
LITTLRIV_115KV_TB1 356100	31.56 -0.48 0.00	32.91 -0.57 0.00	29.54 -0.59 0.00	25.79 -0.58 0.00	27.52 -0.53 0.00	27.31 -0.54 0.00	24.36 -0.51 0.00	23.20 -0.53 0.00	25.74 -0.58 0.00	27.66 -0.92 0.00	28.40 -1.27 0.00	38.34 -1.79 0.00	34.53 -1.12 0.00	24.67 -0.92 0.00	13.51 -0.50 0.00	7.27 -0.30 0.00	5.13 -0.21 0.00	6.64 -0.22 0.00	15.27 -0.34 0.00	19.51 -0.38 0.00	22.34 -0.18 0.00	22.41 -0.15 0.00	25.18 -0.26 0.00	25.14 -0.35 0.00
LI_NEWBRDGE___DRP 323616	34.45 2.41 0.00	35.98 2.51 0.00	32.34 2.21 0.00	29.89 1.96 -1.56	30.09 2.03 0.00	29.84 1.99 0.00	33.35 1.93 -6.56	36.49 1.90 -10.86	36.51 2.16 -8.04	35.96 2.57 -4.81	37.99 2.82 -5.50	57.82 3.88 -13.81	90.93 3.36 -51.93	72.13 2.43 -44.11	148.64 1.31 -133.32	108.40 0.71 -100.12	76.41 0.49 -70.58	82.36 0.63 -74.87	47.66 1.39 -30.66	40.07 1.65 -18.52	60.83 1.78 -36.52	36.70 1.88 -12.26	27.87 2.42 0.00	28.95 2.30 -1.15
LOCKPORT_115KV_TB60_63_64 80432	30.54 -1.50 0.00	31.78 -1.70 0.00	28.72 -1.41 0.00	25.15 -1.22 0.00	26.95 -1.11 0.00	26.76 -1.10 0.00	23.67 -1.20 0.00	22.14 -1.59 0.00	24.48 -1.84 0.00	26.89 -1.70 0.00	27.89 -1.77 0.00	36.30 -3.10 0.73	32.47 -3.15 0.03	22.93 -1.95 0.71	12.86 -1.14 0.01	6.97 -0.57 0.03	4.98 -0.35 0.00	6.45 -0.41 0.00	14.54 -1.07 0.00	18.64 -1.25 0.00	21.05 -1.48 0.00	21.04 -1.52 0.00	23.67 -1.78 0.00	23.59 -1.90 0.00
LOCKPORT___CC1 323769	30.47 -1.57 0.00	31.71 -1.77 0.00	28.66 -1.47 0.00	25.10 -1.26 0.00	26.89 -1.17 0.00	26.71 -1.14 0.00	23.63 -1.23 0.00	22.12 -1.61 0.00	24.46 -1.86 0.00	26.87 -1.71 0.00	27.88 -1.79 0.00	36.20 -3.14 0.79	32.46 -3.16 0.03	22.88 -1.94 0.77	12.87 -1.12 0.01	6.97 -0.57 0.03	4.99 -0.35 0.00	6.46 -0.41 0.00	14.55 -1.06 0.00	18.65 -1.25 0.00	21.04 -1.48 0.00	21.04 -1.52 0.00	23.66 -1.79 0.00	23.58 -1.92 0.00
LOCKPORT___CC2 323770	30.47 -1.57 0.00	31.71 -1.77 0.00	28.66 -1.47 0.00	25.10 -1.26 0.00	26.89 -1.17 0.00	26.71 -1.14 0.00	23.63 -1.23 0.00	22.12 -1.61 0.00	24.46 -1.86 0.00	26.87 -1.71 0.00	27.88 -1.79 0.00	36.20 -3.14 0.79	32.46 -3.16 0.03	22.88 -1.94 0.77	12.87 -1.12 0.01	6.97 -0.57 0.03	4.99 -0.35 0.00	6.46 -0.41 0.00	14.55 -1.06 0.00	18.65 -1.25 0.00	21.04 -1.48 0.00	21.04 -1.52 0.00	23.66 -1.79 0.00	23.58 -1.92 0.00
LOCKPORT___CC3 323771	30.47 -1.57 0.00	31.71 -1.77 0.00	28.66 -1.47 0.00	25.10 -1.26 0.00	26.89 -1.17 0.00	26.71 -1.14 0.00	23.63 -1.23 0.00	22.12 -1.61 0.00	24.46 -1.86 0.00	26.87 -1.71 0.00	27.88 -1.79 0.00	36.20 -3.14 0.79	32.46 -3.16 0.03	22.88 -1.94 0.77	12.87 -1.12 0.01	6.97 -0.57 0.03	4.99 -0.35 0.00	6.46 -0.41 0.00	14.55 -1.06 0.00	18.65 -1.25 0.00	21.04 -1.48 0.00	21.04 -1.52 0.00	23.66 -1.79 0.00	23.58 -1.92 0.00
LONG_LAKE_PHOENIX 24014	31.70 -0.34 0.00	33.08 -0.40 0.00	29.77 -0.36 0.00	26.06 -0.31 0.00	27.75 -0.30 0.00	27.54 -0.31 0.00	24.56 -0.30 0.00	23.35 -0.38 0.00	25.86 -0.46 0.00	28.16 -0.42 0.00	29.26 -0.41 0.00	39.39 -0.74 0.00	34.91 -0.73 0.00	25.10 -0.49 0.00	13.72 -0.29 0.00	7.39 -0.18 0.00	5.21 -0.12 0.00	6.72 -0.15 0.00	15.27 -0.35 0.00	19.50 -0.39 0.00	22.04 -0.49 0.00	22.07 -0.49 0.00	24.87 -0.57 0.00	25.00 -0.50 0.00
LOVETT___3 23632	34.01 1.97 0.00	35.51 2.03 0.00	31.86 1.74 0.00	27.88 1.52 0.00	29.64 1.58 0.00	29.44 1.59 0.00	26.37 1.51 0.00	25.20 1.48 0.00	28.01 1.69 0.00	30.64 2.06 0.00	31.96 2.29 0.00	38.80 3.25 4.58	38.39 2.75 0.00	85.74 2.09 -58.06	200.64 1.19 -185.44	151.64 0.66 -143.41	106.01 0.46 -100.22	114.02 0.58 -106.58	59.97 1.33 -43.03	45.76 1.63 -24.24	70.24 1.78 -45.94	38.52 1.75 -14.22	27.51 2.07 0.00	27.43 1.94 0.00
LOVETT___4 23642	34.01 1.97 0.00	35.51 2.03 0.00	31.86 1.74 0.00	27.88 1.52 0.00	29.64 1.58 0.00	29.44 1.59 0.00	26.37 1.51 0.00	25.20 1.48 0.00	28.01 1.69 0.00	30.64 2.06 0.00	31.96 2.29 0.00	38.80 3.25 4.58	38.39 2.75 0.00	85.74 2.09 -58.06	200.64 1.19 -185.44	151.64 0.66 -143.41	106.01 0.46 -100.22	114.02 0.58 -106.58	59.97 1.33 -43.03	45.76 1.63 -24.24	70.24 1.78 -45.94	38.52 1.75 -14.22	27.51 2.07 0.00	27.43 1.94 0.00
LOVETT___5 23593	34.01 1.97 0.00	35.51 2.03 0.00	31.86 1.74 0.00	27.88 1.52 0.00	29.64 1.58 0.00	29.44 1.59 0.00	26.37 1.51 0.00	25.20 1.48 0.00	28.01 1.69 0.00	30.64 2.06 0.00	31.96 2.29 0.00	38.80 3.25 4.58	38.39 2.75 0.00	85.74 2.09 -58.06	200.64 1.19 -185.44	151.64 0.66 -143.41	106.01 0.46 -100.22	114.02 0.58 -106.58	59.97 1.33 -43.03	45.76 1.63 -24.24	70.24 1.78 -45.94	38.52 1.75 -14.22	27.51 2.07 0.00	27.43 1.94 0.00
LOWER RAQUET___HYD 24057	31.07 -0.96 0.00	32.42 -1.06 0.00	29.10 -1.03 0.00	25.42 -0.95 0.00	27.13 -0.93 0.00	26.93 -0.93 0.00	24.02 -0.85 0.00	22.86 -0.86 0.00	25.38 -0.94 0.00	27.36 -1.22 0.00	28.13 -1.54 0.00	37.98 -2.15 0.00	34.23 -1.41 0.00	24.45 -1.14 0.00	13.37 -0.64 0.00	7.21 -0.36 0.00	5.09 -0.25 0.00	6.57 -0.29 0.00	15.06 -0.55 0.00	19.24 -0.65 0.00	22.01 -0.52 0.00	22.08 -0.48 0.00	24.81 -0.63 0.00	24.80 -0.69 0.00
LOWER___HUDSON 24059	33.22 1.18 0.00	34.85 1.38 0.00	31.41 1.27 0.00	27.57 1.20 0.00	29.27 1.21 0.00	29.08 1.23 0.00	25.98 1.11 0.00	24.83 1.11 0.00	27.52 1.20 0.00	29.86 1.28 0.00	31.00 1.34 0.00	42.67 2.04 -0.51	37.33 1.69 0.00	31.28 1.21 -4.47	38.55 0.72 -23.82	36.11 0.40 -28.15	25.37 0.27 -19.76	28.75 0.35 -21.54	24.16 0.77 -7.78	22.60 0.95 -1.76	23.99 1.12 -0.35	23.64 1.08 0.00	26.58 1.13 0.00	26.66 1.17 0.00
LOWVILLE_115KV_TB2 356335	31.66 -0.38 0.00	33.01 -0.47 0.00	29.64 -0.49 0.00	26.08 -0.29 0.00	27.84 -0.21 0.00	27.59 -0.26 0.00	24.72 -0.15 0.00	23.33 -0.40 0.00	25.88 -0.44 0.00	27.82 -0.76 0.00	28.49 -1.17 0.00	38.36 -1.77 0.00	34.48 -1.16 0.00	24.62 -0.97 0.00	13.36 -0.65 0.00	7.24 -0.32 0.00	5.13 -0.21 0.00	6.55 -0.31 0.00	14.95 -0.66 0.00	19.23 -0.67 0.00	22.38 -0.15 0.00	22.47 -0.09 0.00	25.17 -0.28 0.00	25.26 -0.24 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.90 1.86 0.00	35.46 1.99 0.00	31.90 1.77 0.00	27.98 1.61 0.00	29.74 1.68 0.00	29.54 1.69 0.00	26.38 1.52 0.00	25.23 1.50 0.00	28.05 1.73 0.00	30.38 1.80 0.00	31.53 1.87 0.00	43.33 2.73 -0.47	37.88 2.24 0.00	31.37 1.61 -4.16	37.09 0.89 -22.18	34.26 0.48 -26.21	24.08 0.34 -18.40	27.36 0.44 -20.05	23.91 1.05 -7.25	22.83 1.30 -1.64	24.34 1.49 -0.32	23.99 1.43 0.00	27.03 1.59 0.00	27.10 1.61 0.00

LUTHERNY_35_KV_BK2 355980	33.93 1.90 0.00	35.50 2.03 0.00	31.92 1.79 0.00	27.97 1.60 0.00	29.75 1.69 0.00	29.57 1.71 0.00	26.38 1.51 0.00	25.24 1.51 0.00	28.07 1.75 0.00	30.41 1.83 0.00	31.57 1.91 0.00	43.41 2.81 -0.47	37.93 2.29 0.00	31.39 1.64 -4.16	37.10 0.91 -22.18	34.27 0.49 -26.21	24.08 0.35 -18.40	27.37 0.45 -20.05	23.96 1.09 -7.25	22.85 1.31 -1.64	24.36 1.51 -0.32	24.00 1.44 0.00	27.06 1.61 0.00	27.12 1.62 0.00
LWR___OSWEGATCHIE_HYD 23850	31.20 -0.84 0.00	32.52 -0.95 0.00	29.20 -0.93 0.00	25.60 -0.77 0.00	27.33 -0.73 0.00	27.11 -0.74 0.00	24.22 -0.64 0.00	22.95 -0.78 0.00	25.49 -0.84 0.00	27.41 -1.17 0.00	28.11 -1.56 0.00	37.94 -2.19 0.00	34.10 -1.54 0.00	24.34 -1.25 0.00	13.26 -0.75 0.00	7.17 -0.40 0.00	5.07 -0.27 0.00	6.51 -0.35 0.00	14.92 -0.69 0.00	19.13 -0.76 0.00	22.07 -0.46 0.00	22.15 -0.41 0.00	24.83 -0.62 0.00	24.87 -0.63 0.00
LYONS_FALL_HYD 23570	32.07 0.03 0.00	33.46 -0.02 0.00	30.07 -0.06 0.00	26.41 0.04 0.00	28.15 0.09 0.00	27.92 0.07 0.00	24.98 0.11 0.00	23.67 -0.05 0.00	26.27 -0.06 0.00	28.37 -0.21 0.00	29.20 -0.46 0.00	39.41 -0.72 0.00	35.23 -0.41 0.00	25.24 -0.35 0.00	13.74 -0.27 0.00	7.44 -0.13 0.00	5.25 -0.08 0.00	6.73 -0.13 0.00	15.35 -0.26 0.00	19.68 -0.21 0.00	22.66 0.13 0.00	22.72 0.17 0.00	25.49 0.05 0.00	25.55 0.05 0.00
MADISON___COUNTY_LFGE 323628	32.78 0.74 0.00	34.21 0.73 0.00	30.76 0.63 0.00	26.95 0.59 0.00	28.68 0.62 0.00	28.47 0.62 0.00	25.40 0.54 0.00	24.21 0.48 0.00	26.79 0.47 0.00	29.17 0.58 0.00	30.21 0.54 0.00	40.88 0.75 0.00	36.32 0.68 0.00	26.14 0.55 0.00	14.25 0.24 0.00	7.70 0.13 0.00	5.42 0.09 0.00	6.99 0.13 0.00	15.87 0.26 0.00	20.34 0.44 0.00	23.07 0.54 0.00	23.11 0.54 0.00	25.98 0.53 0.00	25.99 0.50 0.00
MALONE___115KV_TB1 356076	31.20 -0.83 0.00	32.71 -0.77 0.00	29.32 -0.82 0.00	25.55 -0.82 0.00	27.38 -0.68 0.00	27.26 -0.59 0.00	24.25 -0.62 0.00	23.15 -0.57 0.00	25.67 -0.66 0.00	27.61 -0.97 0.00	28.52 -1.15 0.00	38.24 -1.89 0.00	34.66 -0.98 0.00	24.74 -0.85 0.00	13.56 -0.45 0.00	7.31 -0.26 0.00	5.17 -0.16 0.00	6.72 -0.14 0.00	15.46 -0.15 0.00	19.73 -0.16 0.00	22.49 -0.04 0.00	22.52 -0.03 0.00	25.25 -0.19 0.00	25.27 -0.22 0.00
MAPLEWOD_115KV_TB3 80458	33.05 1.01 0.00	34.64 1.16 0.00	31.30 1.17 0.00	27.47 1.10 0.00	29.15 1.09 0.00	28.96 1.11 0.00	25.90 1.04 0.00	24.74 1.02 0.00	27.38 1.06 0.00	29.69 1.11 0.00	30.86 1.20 0.00	42.51 1.88 -0.50	37.21 1.57 0.00	31.23 1.15 -4.49	38.61 0.69 -23.91	36.20 0.38 -28.25	25.43 0.26 -19.83	28.81 0.34 -21.61	24.16 0.74 -7.81	22.56 0.90 -1.77	23.91 1.03 -0.35	23.54 0.98 0.00	26.44 0.99 0.00	26.49 1.00 0.00
MAPLE_RIDGE_WT_1 323574	31.45 -0.59 0.00	32.96 -0.52 0.00	29.62 -0.51 0.00	26.00 -0.37 0.00	27.65 -0.40 0.00	27.40 -0.45 0.00	24.50 -0.37 0.00	23.38 -0.34 0.00	25.89 -0.43 0.00	28.02 -0.56 0.00	29.03 -0.63 0.00	39.15 -0.98 0.00	34.90 -0.75 0.00	25.01 -0.58 0.00	13.71 -0.29 0.00	7.40 -0.16 0.00	5.21 -0.12 0.00	6.70 -0.16 0.00	15.22 -0.39 0.00	19.43 -0.46 0.00	22.18 -0.35 0.00	22.29 -0.27 0.00	25.09 -0.35 0.00	25.17 -0.32 0.00
MAPLE_RIDGE_WT_2 323611	31.45 -0.59 0.00	32.96 -0.52 0.00	29.62 -0.51 0.00	26.00 -0.37 0.00	27.65 -0.40 0.00	27.40 -0.45 0.00	24.50 -0.37 0.00	23.38 -0.34 0.00	25.89 -0.43 0.00	28.02 -0.56 0.00	29.03 -0.63 0.00	39.15 -0.98 0.00	34.90 -0.75 0.00	25.01 -0.58 0.00	13.71 -0.29 0.00	7.40 -0.16 0.00	5.21 -0.12 0.00	6.70 -0.16 0.00	15.22 -0.39 0.00	19.43 -0.46 0.00	22.18 -0.35 0.00	22.29 -0.27 0.00	25.09 -0.35 0.00	25.17 -0.32 0.00
MARBLE_RIVER_WT_PWR 323696	30.92 -1.11 0.00	32.53 -0.95 0.00	29.17 -0.96 0.00	25.39 -0.97 0.00	27.30 -0.76 0.00	27.20 -0.65 0.00	24.15 -0.71 0.00	23.08 -0.65 0.00	25.59 -0.74 0.00	27.44 -1.14 0.00	28.31 -1.35 0.00	37.91 -2.22 0.00	34.41 -1.23 0.00	24.56 -1.03 0.00	13.48 -0.53 0.00	7.27 -0.30 0.00	5.15 -0.19 0.00	6.69 -0.17 0.00	15.40 -0.21 0.00	19.66 -0.24 0.00	22.38 -0.14 0.00	22.41 -0.15 0.00	25.12 -0.32 0.00	25.22 -0.27 0.00
MARSHVLE_115KV_TB1 80742	33.92 1.88 0.00	35.28 1.81 0.00	31.61 1.48 0.00	27.57 1.20 0.00	29.48 1.42 0.00	29.27 1.42 0.00	26.04 1.18 0.00	24.82 1.09 0.00	27.58 1.26 0.00	29.68 1.10 0.00	30.81 1.15 0.00	41.54 1.41 0.00	36.73 1.09 0.00	29.21 0.82 -2.80	29.38 0.47 -14.90	25.35 0.17 -17.61	17.85 0.15 -12.36	20.59 0.25 -13.47	21.02 0.54 -4.87	21.97 0.97 -1.10	24.06 1.31 -0.22	23.84 1.28 0.00	26.84 1.40 0.00	26.76 1.27 0.00
MARSH_HILL_WT_PWR 323713	30.29 -1.75 0.00	31.51 -1.96 0.00	28.53 -1.60 0.00	25.20 -1.17 0.00	27.14 -0.92 0.00	26.80 -1.05 0.00	24.03 -0.84 0.00	23.09 -0.64 0.00	25.72 -0.60 0.00	28.16 -0.42 0.00	29.13 -0.54 0.00	41.80 -1.86 -3.53	33.22 -2.54 -0.12	27.12 -1.89 -3.41	12.87 -1.20 -0.06	7.00 -0.70 -0.13	4.86 -0.47 0.00	6.29 -0.57 0.00	14.48 -1.13 0.00	18.84 -1.05 0.00	21.41 -1.12 0.00	21.43 -1.13 0.00	23.87 -1.57 0.00	23.97 -1.52 0.00
MCINTYRE_115KV_TB2 80467	31.87 -0.17 0.00	33.21 -0.26 0.00	29.82 -0.31 0.00	26.04 -0.33 0.00	27.77 -0.29 0.00	27.56 -0.29 0.00	24.57 -0.30 0.00	23.41 -0.32 0.00	25.98 -0.34 0.00	27.85 -0.73 0.00	28.59 -1.07 0.00	38.64 -1.49 0.00	34.73 -0.92 0.00	24.82 -0.77 0.00	13.61 -0.40 0.00	7.32 -0.25 0.00	5.16 -0.17 0.00	6.70 -0.17 0.00	15.39 -0.22 0.00	19.66 -0.23 0.00	22.55 0.02 0.00	22.63 0.06 0.00	25.43 -0.02 0.00	25.35 -0.14 0.00
MECO_____69_KV_BK1 80468	35.08 3.04 0.00	36.46 2.98 0.00	32.68 2.55 0.00	28.56 2.19 0.00	30.48 2.43 0.00	30.27 2.41 0.00	26.80 1.94 0.00	25.45 1.73 0.00	28.10 1.78 0.00	28.40 -0.18 0.00	30.22 0.56 0.00	40.95 0.82 0.00	36.56 0.91 0.00	29.42 0.71 -3.13	31.07 0.41 -16.65	27.31 0.06 -19.68	19.29 0.14 -13.81	22.44 0.52 -15.05	22.13 1.07 -5.44	23.37 2.24 -1.23	25.58 2.81 -0.24	25.13 2.57 0.00	28.18 2.73 0.00	27.97 2.47 0.00
MENANDS___115KV_TB5 355628	32.83 0.79 0.00	34.43 0.95 0.00	31.13 1.00 0.00	27.34 0.97 0.00	29.00 0.94 0.00	28.81 0.96 0.00	25.78 0.92 0.00	24.63 0.91 0.00	27.21 0.89 0.00	29.51 0.93 0.00	30.69 1.02 0.00	42.25 1.62 -0.50	36.99 1.35 0.00	31.08 0.98 -4.51	38.64 0.60 -24.03	36.29 0.34 -28.39	25.49 0.23 -19.93	28.88 0.29 -21.72	24.09 0.63 -7.85	22.43 0.76 -1.77	23.75 0.87 -0.35	23.39 0.83 0.00	26.27 0.83 0.00	26.34 0.84 0.00
MG INDUSTRY___DRP 24185	32.85 0.81 0.00	34.40 0.93 0.00	31.08 0.95 0.00	27.28 0.91 0.00	28.98 0.92 0.00	28.77 0.92 0.00	25.72 0.86 0.00	24.53 0.80 0.00	27.09 0.77 0.00	29.33 0.75 0.00	30.43 0.76 0.00	41.88 1.30 -0.45	36.76 1.12 0.00	30.79 0.69 -4.51	38.48 0.45 -24.02	36.23 0.27 -28.39	25.44 0.18 -19.93	28.83 0.25 -21.72	23.97 0.51 -7.85	22.33 0.66 -1.77	23.66 0.78 -0.35	23.31 0.75 0.00	26.20 0.76 0.00	26.26 0.77 0.00

MID___OSWEGATCHIE_HYD 23849	31.20 -0.84 0.00	32.52 -0.95 0.00	29.20 -0.93 0.00	25.60 -0.77 0.00	27.33 -0.73 0.00	27.11 -0.74 0.00	24.22 -0.64 0.00	22.95 -0.78 0.00	25.49 -0.84 0.00	27.41 -1.17 0.00	28.11 -1.56 0.00	37.94 -2.19 0.00	34.10 -1.54 0.00	24.34 -1.25 0.00	13.26 -0.75 0.00	7.17 -0.40 0.00	5.07 -0.27 0.00	6.51 -0.35 0.00	14.92 -0.69 0.00	19.13 -0.76 0.00	22.07 -0.46 0.00	22.15 -0.41 0.00	24.83 -0.62 0.00	24.87 -0.63 0.00
MID___RAQUETTE_HYD 23851	31.07 -0.96 0.00	32.42 -1.06 0.00	29.10 -1.03 0.00	25.42 -0.95 0.00	27.13 -0.93 0.00	26.92 -0.93 0.00	24.02 -0.85 0.00	22.86 -0.86 0.00	25.38 -0.94 0.00	27.36 -1.22 0.00	28.13 -1.54 0.00	37.98 -2.15 0.00	34.24 -1.41 0.00	24.45 -1.14 0.00	13.37 -0.64 0.00	7.21 -0.36 0.00	5.09 -0.25 0.00	6.57 -0.29 0.00	15.06 -0.55 0.00	19.24 -0.65 0.00	22.01 -0.52 0.00	22.08 -0.48 0.00	24.81 -0.63 0.00	24.81 -0.69 0.00
MILLIKEN___1 23584	32.55 0.51 0.00	33.96 0.48 0.00	30.55 0.42 0.00	26.79 0.42 0.00	28.52 0.46 0.00	28.34 0.49 0.00	25.28 0.42 0.00	24.06 0.34 0.00	26.69 0.36 0.00	29.03 0.44 0.00	30.12 0.46 0.00	40.86 0.49 -0.24	36.15 0.50 -0.01	26.19 0.37 -0.23	14.13 0.11 0.00	7.64 0.06 -0.01	5.39 0.05 0.00	6.94 0.08 0.00	15.79 0.18 0.00	20.21 0.32 0.00	22.79 0.26 0.00	22.86 0.29 0.00	25.73 0.29 0.00	25.73 0.24 0.00
MILLIKEN___2 23585	32.55 0.51 0.00	33.96 0.48 0.00	30.55 0.42 0.00	26.79 0.42 0.00	28.52 0.46 0.00	28.34 0.49 0.00	25.28 0.42 0.00	24.06 0.34 0.00	26.69 0.36 0.00	29.03 0.44 0.00	30.12 0.46 0.00	40.86 0.49 -0.24	36.15 0.50 -0.01	26.19 0.37 -0.23	14.13 0.11 0.00	7.64 0.06 -0.01	5.39 0.05 0.00	6.94 0.08 0.00	15.79 0.18 0.00	20.21 0.32 0.00	22.79 0.26 0.00	22.86 0.29 0.00	25.73 0.29 0.00	25.73 0.24 0.00
MILLIKEN___DIESEL 23629	32.55 0.51 0.00	33.96 0.48 0.00	30.55 0.42 0.00	26.79 0.42 0.00	28.52 0.46 0.00	28.34 0.49 0.00	25.28 0.42 0.00	24.06 0.34 0.00	26.69 0.36 0.00	29.03 0.44 0.00	30.12 0.46 0.00	40.86 0.49 -0.24	36.15 0.50 -0.01	26.19 0.37 -0.23	14.13 0.11 0.00	7.64 0.06 -0.01	5.39 0.05 0.00	6.94 0.08 0.00	15.79 0.18 0.00	20.21 0.32 0.00	22.79 0.26 0.00	22.86 0.29 0.00	25.73 0.29 0.00	25.73 0.24 0.00
MILLSEAT___LFGE 323607	31.30 -0.73 0.00	32.55 -0.93 0.00	29.38 -0.75 0.00	25.72 -0.65 0.00	27.52 -0.54 0.00	27.33 -0.52 0.00	24.19 -0.68 0.00	22.68 -1.05 0.00	25.11 -1.21 0.00	27.57 -1.01 0.00	28.56 -1.11 0.00	37.36 -2.17 0.60	33.38 -2.25 0.02	23.70 -1.31 0.58	13.21 -0.79 0.01	7.14 -0.40 0.02	5.11 -0.23 0.00	6.62 -0.25 0.00	14.94 -0.67 0.00	19.14 -0.76 0.00	21.59 -0.93 0.00	21.58 -0.97 0.00	24.24 -1.20 0.00	24.14 -1.36 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.09 2.05 0.00	35.59 2.11 0.00	31.95 1.82 0.00	27.96 1.60 0.00	29.72 1.66 0.00	29.52 1.67 0.00	26.45 1.58 0.00	25.29 1.56 0.00	28.11 1.79 0.00	30.74 2.16 0.00	32.06 2.39 0.00	46.89 3.39 -3.37	38.52 2.88 0.00	72.09 2.16 -44.34	156.68 1.21 -141.46	116.69 0.67 -108.45	81.40 0.47 -75.60	87.81 0.59 -80.35	49.45 1.34 -32.50	40.02 1.67 -18.46	59.51 1.83 -35.15	35.26 1.81 -10.88	27.58 2.14 0.00	27.48 1.99 0.00
MILLWOOD_13_KV_LOAD 356217	34.20 2.16 0.00	35.70 2.22 0.00	32.04 1.91 0.00	28.04 1.67 0.00	29.81 1.75 0.00	29.60 1.75 0.00	26.52 1.66 0.00	25.37 1.64 0.00	28.20 1.87 0.00	30.85 2.27 0.00	32.18 2.51 0.00	47.06 3.56 -3.37	38.67 3.03 0.00	72.21 2.28 -44.34	156.75 1.27 -141.46	116.72 0.70 -108.45	81.42 0.49 -75.60	87.83 0.62 -80.35	49.51 1.40 -32.50	40.08 1.74 -18.46	59.59 1.91 -35.15	35.34 1.89 -10.88	27.67 2.22 0.00	27.57 2.07 0.00
MODEL_CITY_ENERGY 24167	30.16 -1.88 0.00	31.39 -2.08 0.00	28.38 -1.75 0.00	24.87 -1.50 0.00	26.64 -1.42 0.00	26.46 -1.39 0.00	23.40 -1.46 0.00	21.86 -1.87 0.00	24.14 -2.18 0.00	26.50 -2.08 0.00	27.51 -2.15 0.00	35.74 -3.61 0.79	32.06 -3.55 0.03	22.63 -2.20 0.76	12.72 -1.27 0.01	6.90 -0.64 0.03	4.93 -0.40 0.00	6.38 -0.48 0.00	14.38 -1.24 0.00	18.42 -1.47 0.00	20.78 -1.75 0.00	20.78 -1.77 0.00	23.37 -2.08 0.00	23.29 -2.20 0.00
MODERN_LFGE___ 323580	30.16 -1.88 0.00	31.39 -2.08 0.00	28.38 -1.75 0.00	24.87 -1.50 0.00	26.64 -1.42 0.00	26.46 -1.39 0.00	23.40 -1.46 0.00	21.86 -1.87 0.00	24.14 -2.18 0.00	26.50 -2.08 0.00	27.51 -2.15 0.00	35.74 -3.61 0.79	32.06 -3.55 0.03	22.63 -2.20 0.76	12.72 -1.27 0.01	6.90 -0.64 0.03	4.93 -0.40 0.00	6.38 -0.48 0.00	14.38 -1.24 0.00	18.42 -1.47 0.00	20.78 -1.75 0.00	20.78 -1.77 0.00	23.37 -2.08 0.00	23.29 -2.20 0.00
MOHAWK_PAPER___DRP 24187	33.05 1.01 0.00	34.64 1.16 0.00	31.30 1.17 0.00	27.47 1.10 0.00	29.15 1.09 0.00	28.96 1.11 0.00	25.90 1.04 0.00	24.74 1.02 0.00	27.38 1.06 0.00	29.69 1.11 0.00	30.86 1.20 0.00	42.51 1.88 -0.50	37.21 1.57 0.00	31.23 1.15 -4.49	38.61 0.69 -23.91	36.20 0.38 -28.25	25.43 0.26 -19.83	28.81 0.34 -21.61	24.16 0.74 -7.81	22.56 0.90 -1.77	23.91 1.03 -0.35	23.54 0.98 0.00	26.44 0.99 0.00	26.49 1.00 0.00
MOHICAN___35_KV_115KV_LD 80490	34.52 2.48 0.00	36.07 2.59 0.00	32.41 2.28 0.00	28.47 2.10 0.00	30.25 2.19 0.00	30.04 2.19 0.00	26.87 2.01 0.00	25.71 1.98 0.00	28.62 2.30 0.00	30.96 2.38 0.00	32.07 2.41 0.00	43.98 3.38 -0.47	38.35 2.71 0.00	31.61 1.87 -4.15	37.09 0.99 -22.09	34.20 0.53 -26.10	24.03 0.37 -18.32	27.32 0.49 -19.97	24.04 1.21 -7.22	23.05 1.53 -1.63	24.58 1.73 -0.32	24.25 1.69 0.00	27.44 2.00 0.00	27.63 2.14 0.00
MONGAUP___HYD 23641	33.97 1.94 0.00	35.57 2.09 0.00	31.93 1.80 0.00	27.95 1.59 0.00	29.62 1.56 0.00	29.41 1.56 0.00	26.32 1.45 0.00	25.13 1.41 0.00	27.91 1.59 0.00	30.40 1.82 0.00	31.56 1.90 0.00	39.95 2.49 2.67	37.65 2.01 0.00	-26.99 1.60 54.17	-274.40 0.86 289.27	-333.66 0.58 341.80	-234.16 0.42 239.92	-254.09 -0.51 261.46	-77.69 1.22 94.52	0.09 1.57 21.37	20.07 1.76 4.21	24.27 1.70 0.00	27.35 1.91 0.00	27.24 1.75 0.00
MONTAUK___DIESEL 23721	34.72 2.69 0.00	36.20 2.72 0.00	32.51 2.38 0.00	30.04 2.12 -1.56	30.22 2.16 0.00	29.96 2.11 0.00	33.61 2.19 -6.56	36.81 2.22 -10.86	36.99 2.63 -8.04	36.67 3.28 -4.81	38.80 3.64 -5.50	59.05 5.11 -13.81	92.00 4.43 -51.93	72.71 3.01 -44.11	148.72 1.40 -133.32	107.31 0.87 -98.87	74.87 0.65 -68.89	80.43 0.85 -72.72	46.89 1.81 -29.46	39.58 2.05 -17.64	59.12 2.19 -34.40	36.79 2.57 -11.66	28.65 3.20 0.00	29.76 3.12 -1.15
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.68 -1.36 0.00	32.06 -1.42 0.00	28.70 -1.43 0.00	25.04 -1.33 0.00	26.87 -1.19 0.00	27.17 -0.68 0.00	24.34 -0.53 0.00	23.30 -0.42 0.00	25.85 -0.47 0.00	28.36 -0.22 0.00	29.14 -0.52 0.00	37.77 -1.60 0.75	33.60 -2.02 0.03	23.69 -1.16 0.73	13.20 -0.80 0.01	7.10 -0.44 0.03	5.07 -0.26 0.00	6.57 -0.30 0.00	14.75 -0.86 0.00	18.94 -0.95 0.00	21.63 -0.90 0.00	21.52 -1.04 0.00	24.47 -0.98 0.00	24.57 -0.92 0.00

MORTIMER_115KV_TB3 55949	31.48 -0.56 0.00	32.84 -0.64 0.00	29.60 -0.53 0.00	25.90 -0.47 0.00	27.66 -0.40 0.00	27.45 -0.41 0.00	24.36 -0.50 0.00	23.01 -0.71 0.00	25.54 -0.78 0.00	28.00 -0.58 0.00	29.07 -0.59 0.00	38.91 -1.22 0.00	34.32 -1.32 0.00	24.80 -0.79 0.00	13.53 -0.48 0.00	7.31 -0.25 0.00	5.19 -0.14 0.00	6.71 -0.15 0.00	15.19 -0.42 0.00	19.40 -0.49 0.00	21.88 -0.64 0.00	21.86 -0.69 0.00	24.60 -0.85 0.00	24.56 -0.93 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.38 2.34 0.00	35.86 2.39 0.00	32.19 2.06 0.00	28.17 1.80 0.00	29.94 1.89 0.00	29.73 1.88 0.00	26.66 1.79 0.00	25.50 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.37 2.70 0.00	46.93 3.78 -3.02	38.87 3.23 0.00	71.02 2.38 -43.05	148.21 1.32 -132.88	107.97 0.73 -99.68	76.11 0.50 -70.27	82.03 0.64 -74.52	47.61 1.46 -30.53	40.20 1.83 -18.48	61.02 2.02 -36.48	35.91 2.01 -11.34	27.82 2.38 0.00	27.70 2.21 0.00
MUNSVILLE_WIND_PWR 323609	33.23 1.19 0.00	34.63 1.15 0.00	31.22 1.09 0.00	27.50 1.13 0.00	29.39 1.33 0.00	29.30 1.45 0.00	26.05 1.19 0.00	24.97 1.25 0.00	27.82 1.49 0.00	30.20 1.62 0.00	31.30 1.64 0.00	42.51 2.22 -0.16	37.68 2.03 0.00	27.19 1.45 -0.15	14.47 0.46 0.00	7.79 0.21 0.00	5.47 0.14 0.00	7.14 0.28 0.00	16.22 0.61 0.00	20.98 1.09 0.00	23.65 1.12 0.00	23.84 1.28 0.00	26.68 1.24 0.00	26.44 0.94 0.00
N SALMON___HYD 24042	31.20 -0.83 0.00	32.71 -0.77 0.00	29.32 -0.82 0.00	25.55 -0.82 0.00	27.38 -0.68 0.00	27.26 -0.59 0.00	24.25 -0.62 0.00	23.15 -0.57 0.00	25.67 -0.66 0.00	27.61 -0.97 0.00	28.52 -1.14 0.00	38.24 -1.89 0.00	34.66 -0.98 0.00	24.73 -0.86 0.00	13.56 -0.45 0.00	7.31 -0.26 0.00	5.17 -0.16 0.00	6.72 -0.14 0.00	15.46 -0.15 0.00	19.73 -0.16 0.00	22.49 -0.04 0.00	22.52 -0.03 0.00	25.25 -0.19 0.00	25.27 -0.22 0.00
N.AKRON__115KV_KNAPP 355671	31.14 -0.90 0.00	32.38 -1.09 0.00	29.24 -0.90 0.00	25.60 -0.77 0.00	27.40 -0.66 0.00	27.21 -0.64 0.00	24.07 -0.79 0.00	22.56 -1.17 0.00	24.96 -1.36 0.00	27.41 -1.17 0.00	28.41 -1.25 0.00	37.11 -2.37 0.65	33.15 -2.48 0.02	23.47 -1.49 0.63	13.10 -0.89 0.01	7.09 -0.45 0.02	5.07 -0.26 0.00	6.57 -0.29 0.00	14.82 -0.79 0.00	19.00 -0.89 0.00	21.45 -1.07 0.00	21.44 -1.12 0.00	24.10 -1.34 0.00	24.01 -1.49 0.00
N.BELMOR_69_KV_BK1 55787	34.81 2.77 0.00	36.33 2.85 0.00	32.63 2.50 0.00	30.12 2.19 -1.56	30.34 2.29 0.00	30.10 2.24 0.00	33.58 2.16 -6.56	36.71 2.12 -10.86	36.78 2.42 -8.04	36.26 2.87 -4.81	38.32 3.15 -5.50	58.20 4.26 -13.81	91.29 3.72 -51.93	72.34 2.65 -44.11	148.76 1.44 -133.32	108.47 0.79 -100.12	76.47 0.55 -70.58	82.43 0.70 -74.87	47.82 1.55 -30.66	40.25 1.84 -18.52	61.06 2.01 -36.52	36.97 2.15 -12.26	28.16 2.72 0.00	29.22 2.57 -1.15
N.E_GEN_SANDY PD 24062	36.47 1.30 -3.14	34.03 1.47 0.91	31.45 1.32 0.00	27.60 1.24 0.00	29.29 1.23 0.00	29.11 1.26 0.00	26.04 1.18 0.00	24.89 1.17 0.00	27.59 1.27 0.00	30.05 1.47 0.00	31.28 1.61 0.00	43.44 2.39 -0.91	36.98 2.01 0.67	34.93 1.48 -7.86	59.73 0.86 -44.86	56.31 0.47 -48.27	42.15 0.33 -36.49	40.25 0.40 -32.98	29.34 0.89 -12.84	24.16 1.09 -3.17	25.18 1.27 -1.39	24.19 1.26 -0.38	25.43 1.33 1.34	26.82 1.32 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.09 2.06 0.00	35.59 2.12 0.00	31.94 1.81 0.00	27.94 1.57 0.00	29.70 1.64 0.00	29.50 1.65 0.00	26.43 1.56 0.00	25.26 1.53 0.00	28.08 1.75 0.00	30.72 2.14 0.00	32.06 2.39 0.00	39.05 3.40 4.49	38.53 2.88 0.00	81.04 2.19 -53.25	195.97 1.24 -180.72	158.60 0.69 -150.34	110.93 0.48 -105.12	119.83 0.61 -112.36	61.36 1.38 -44.38	43.72 1.69 -22.13	63.07 1.85 -38.70	36.24 1.82 -11.86	27.59 2.15 0.00	27.49 2.00 0.00
N.QUEENS_27_KV_LOAD 356247	34.45 2.42 0.00	35.93 2.46 0.00	32.28 2.15 0.00	28.27 1.90 0.00	30.04 1.97 0.00	29.83 1.97 0.00	26.78 1.92 0.00	25.62 1.90 0.00	28.45 2.13 0.00	31.14 2.56 0.00	32.42 2.76 0.00	47.01 3.86 -3.02	39.00 3.35 0.00	71.07 2.43 -43.06	148.25 1.35 -132.89	108.00 0.75 -99.69	76.13 0.52 -70.27	82.06 0.66 -74.54	47.68 1.53 -30.54	40.30 1.92 -18.48	61.14 2.14 -36.48	36.02 2.12 -11.34	27.95 2.51 0.00	27.82 2.32 0.00
N.TROY___115KV_TB1 355778	33.22 1.19 0.00	34.85 1.37 0.00	31.41 1.27 0.00	27.57 1.20 0.00	29.27 1.21 0.00	29.08 1.23 0.00	25.98 1.11 0.00	24.83 1.11 0.00	27.52 1.20 0.00	29.87 1.28 0.00	31.00 1.34 0.00	42.68 2.04 -0.51	37.33 1.69 0.00	31.28 1.22 -4.47	38.55 0.72 -23.82	36.11 0.40 -28.15	25.37 0.27 -19.76	28.75 0.35 -21.54	24.16 0.77 -7.78	22.60 0.95 -1.76	23.99 1.12 -0.35	23.64 1.08 0.00	26.58 1.13 0.00	26.66 1.17 0.00
NARROWS_GT1_1 24228	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NARROWS_GT1_2 24229	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NARROWS_GT1_3 24230	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NARROWS_GT1_4 24231	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NARROWS_GT1_5 24232	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00

NARROWS_GT1_6 24233	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NARROWS_GT1_7 24234	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NARROWS_GT1_8 24235	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NARROWS_GT2_1 24236	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NARROWS_GT2_2 24237	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NARROWS_GT2_3 24238	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NARROWS_GT2_4 24239	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NARROWS_GT2_5 24240	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NARROWS_GT2_6 24241	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NARROWS_GT2_7 24242	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NARROWS_GT2_8 24243	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.36 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.41 1.37 0.00	35.02 1.54 0.00	31.71 1.57 0.00	27.83 1.46 0.00	29.55 1.49 0.00	29.33 1.48 0.00	26.23 1.36 0.00	25.03 1.30 0.00	27.61 1.29 0.00	29.90 1.32 0.00	31.00 1.33 0.00	42.13 2.00 0.00	37.83 2.19 0.00	31.56 1.24 -4.73	39.96 0.70 -25.25	37.88 0.48 -29.83	26.60 0.32 -20.94	30.16 0.48 -22.83	24.85 0.99 -8.25	22.97 1.21 -1.87	24.31 1.42 -0.37	23.87 1.32 0.00	26.73 1.28 0.00	26.74 1.25 0.00
NCHELSEA_115KV_TR2 355582	34.26 2.22 0.00	35.75 2.27 0.00	32.09 1.96 0.00	28.09 1.73 0.00	29.85 1.80 0.00	29.65 1.80 0.00	26.57 1.70 0.00	25.41 1.69 0.00	28.27 1.95 0.00	30.93 2.35 0.00	32.28 2.62 0.00	43.88 3.75 0.00	38.85 3.20 0.00	35.41 2.38 -7.44	55.17 1.29 -39.87	55.39 0.71 -47.12	38.90 0.48 -33.09	43.54 0.62 -36.06	30.06 1.41 -13.04	24.60 1.76 -2.95	25.03 1.93 -0.58	24.45 1.89 0.00	27.58 2.14 0.00	27.47 1.98 0.00
NEG CAPITAL___MECHNVIL 23645	33.86 1.82 0.00	35.44 1.96 0.00	31.89 1.76 0.00	27.97 1.60 0.00	29.71 1.65 0.00	29.52 1.67 0.00	26.36 1.50 0.00	25.23 1.50 0.00	28.04 1.72 0.00	30.39 1.81 0.00	31.55 1.89 0.00	43.42 2.81 -0.48	37.96 2.32 0.00	31.52 1.68 -4.26	37.64 0.93 -22.70	34.89 0.51 -26.82	24.52 0.36 -18.83	27.85 0.47 -20.52	24.12 1.09 -7.42	22.91 1.34 -1.68	24.40 1.54 -0.33	24.02 1.46 0.00	27.05 1.60 0.00	27.10 1.60 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.09 -0.95 0.00	32.42 -1.06 0.00	29.20 -0.93 0.00	25.54 -0.83 0.00	27.25 -0.80 0.00	27.04 -0.81 0.00	24.04 -0.83 0.00	22.74 -0.99 0.00	25.25 -1.07 0.00	27.64 -0.94 0.00	28.72 -0.95 0.00	38.47 -1.66 0.00	33.98 -1.66 0.00	24.54 -1.05 0.00	13.40 -0.61 0.00	7.23 -0.33 0.00	5.13 -0.21 0.00	6.62 -0.24 0.00	15.02 -0.59 0.00	19.17 -0.72 0.00	21.62 -0.90 0.00	21.62 -0.94 0.00	24.32 -1.13 0.00	24.31 -1.18 0.00

NEG CENTRAL___DRP 24199	31.93 -0.11 0.00	33.27 -0.20 0.00	29.95 -0.18 0.00	26.27 -0.09 0.00	28.01 -0.04 0.00	27.80 -0.05 0.00	24.79 -0.07 0.00	23.58 -0.15 0.00	26.14 -0.18 0.00	28.50 -0.08 0.00	29.55 -0.11 0.00	40.07 -0.46 -0.39	35.15 -0.50 -0.01	25.68 -0.29 -0.38	13.82 -0.19 -0.01	7.47 -0.12 -0.01	5.26 -0.08 0.00	6.78 -0.09 0.00	15.45 -0.16 0.00	19.76 -0.14 0.00	22.31 -0.22 0.00	22.29 -0.27 0.00	25.11 -0.33 0.00	25.17 -0.33 0.00
NEG CENTRAL___INDECK 23768	32.06 0.02 0.00	33.35 -0.12 0.00	30.06 -0.07 0.00	26.38 0.01 0.00	28.30 0.24 0.00	27.98 0.13 0.00	24.94 0.07 0.00	23.64 -0.09 0.00	26.12 -0.21 0.00	28.60 0.02 0.00	29.75 0.09 0.00	43.26 -0.54 -3.67	34.81 -0.96 -0.13	28.56 -0.58 -3.55	13.69 -0.38 -0.07	7.46 -0.24 -0.13	5.20 -0.14 0.00	6.73 -0.14 0.00	15.36 -0.26 0.00	19.77 -0.12 0.00	22.29 -0.24 0.00	22.29 -0.27 0.00	24.93 -0.51 0.00	25.02 -0.48 0.00
NEG CENTRAL___SENECA 23627	31.87 -0.17 0.00	33.16 -0.31 0.00	29.86 -0.27 0.00	26.22 -0.15 0.00	27.99 -0.06 0.00	27.76 -0.09 0.00	24.74 -0.12 0.00	23.55 -0.18 0.00	26.10 -0.22 0.00	28.49 -0.09 0.00	29.50 -0.16 0.00	40.17 -0.58 -0.63	34.99 -0.67 -0.02	25.79 -0.41 -0.61	13.77 -0.25 -0.01	7.44 -0.15 -0.02	5.23 -0.11 0.00	6.75 -0.11 0.00	15.41 -0.20 0.00	19.74 -0.15 0.00	22.30 -0.23 0.00	22.26 -0.30 0.00	25.11 -0.34 0.00	25.15 -0.35 0.00
NEG CENTRAL___STATE_STREET 24147	32.22 0.19 0.00	33.69 0.22 0.00	30.35 0.22 0.00	26.59 0.23 0.00	28.24 0.18 0.00	28.11 0.26 0.00	25.08 0.21 0.00	23.78 0.05 0.00	26.42 0.10 0.00	28.69 0.11 0.00	29.86 0.19 0.00	40.29 0.02 -0.15	35.69 0.04 0.00	25.80 0.07 -0.14	13.97 -0.04 0.00	7.56 -0.01 0.00	5.34 0.00 0.00	6.86 0.00 0.00	15.60 -0.01 0.00	19.97 0.08 0.00	22.54 0.01 0.00	22.56 0.00 0.00	25.36 -0.08 0.00	25.42 -0.08 0.00
NEG MILLWOOD___DRP 24198	34.37 2.33 0.00	35.87 2.39 0.00	32.19 2.06 0.00	28.18 1.81 0.00	29.94 1.88 0.00	29.74 1.89 0.00	26.65 1.79 0.00	25.51 1.78 0.00	28.38 2.05 0.00	31.08 2.49 0.00	32.46 2.79 0.00	45.15 4.03 -0.99	39.09 3.45 0.00	38.33 2.58 -10.16	66.92 1.41 -51.49	67.63 0.76 -59.30	47.53 0.51 -41.68	52.89 0.65 -45.38	33.59 1.48 -16.50	25.76 1.84 -4.03	26.19 2.03 -1.64	24.84 1.99 -0.29	27.72 2.27 0.00	27.59 2.10 0.00
NEG NORTH_FLCN_SEA 23793	31.23 -0.80 0.00	32.90 -0.57 0.00	29.50 -0.63 0.00	25.66 -0.71 0.00	27.61 -0.45 0.00	27.53 -0.32 0.00	24.45 -0.42 0.00	23.38 -0.35 0.00	25.90 -0.42 0.00	27.72 -0.86 0.00	28.67 -0.99 0.00	38.30 -1.83 0.00	34.81 -0.84 0.00	24.83 -0.76 0.00	13.65 -0.36 0.00	7.36 -0.21 0.00	5.21 -0.12 0.00	6.77 -0.09 0.00	15.60 -0.01 0.00	19.92 0.02 0.00	22.66 0.13 0.00	22.69 0.13 0.00	25.42 -0.03 0.00	25.53 0.04 0.00
NEG NORTH_KES_CHATEGAY 23792	30.99 -1.05 0.00	32.56 -0.92 0.00	29.18 -0.95 0.00	25.40 -0.97 0.00	27.26 -0.79 0.00	27.16 -0.70 0.00	24.12 -0.74 0.00	23.02 -0.71 0.00	25.49 -0.83 0.00	27.39 -1.19 0.00	28.29 -1.37 0.00	37.88 -2.25 0.00	34.44 -1.20 0.00	24.53 -1.06 0.00	13.46 -0.55 0.00	7.27 -0.29 0.00	5.14 -0.20 0.00	6.68 -0.19 0.00	15.38 -0.23 0.00	19.65 -0.24 0.00	22.38 -0.15 0.00	22.39 -0.17 0.00	25.13 -0.32 0.00	25.20 -0.29 0.00
NEG NORTH___ALICE_FALLS 23915	31.23 -0.80 0.00	32.86 -0.61 0.00	29.47 -0.66 0.00	25.63 -0.74 0.00	27.55 -0.50 0.00	27.48 -0.38 0.00	24.41 -0.45 0.00	23.34 -0.39 0.00	25.87 -0.45 0.00	27.70 -0.88 0.00	28.67 -0.99 0.00	38.30 -1.83 0.00	34.81 -0.84 0.00	24.86 -0.74 0.00	13.65 -0.36 0.00	7.36 -0.21 0.00	5.21 -0.12 0.00	6.78 -0.08 0.00	15.63 0.02 0.00	19.95 0.06 0.00	22.70 0.18 0.00	22.73 0.17 0.00	25.45 0.01 0.00	25.53 0.04 0.00
NEG NORTH___LWR_SARANAC 23913	31.23 -0.80 0.00	32.86 -0.61 0.00	29.47 -0.66 0.00	25.63 -0.74 0.00	27.55 -0.50 0.00	27.48 -0.38 0.00	24.41 -0.45 0.00	23.34 -0.39 0.00	25.87 -0.45 0.00	27.70 -0.88 0.00	28.67 -0.99 0.00	38.30 -1.83 0.00	34.81 -0.84 0.00	24.86 -0.74 0.00	13.65 -0.36 0.00	7.36 -0.21 0.00	5.21 -0.12 0.00	6.78 -0.08 0.00	15.63 0.02 0.00	19.95 0.06 0.00	22.70 0.18 0.00	22.73 0.17 0.00	25.45 0.01 0.00	25.53 0.04 0.00
NEG NORTH___PLATTSBURG 23628	31.23 -0.80 0.00	32.86 -0.61 0.00	29.47 -0.66 0.00	25.63 -0.74 0.00	27.55 -0.50 0.00	27.48 -0.38 0.00	24.41 -0.45 0.00	23.34 -0.39 0.00	25.87 -0.45 0.00	27.70 -0.88 0.00	28.68 -0.99 0.00	38.31 -1.83 0.00	34.81 -0.84 0.00	24.86 -0.73 0.00	13.65 -0.36 0.00	7.36 -0.21 0.00	5.21 -0.12 0.00	6.78 -0.08 0.00	15.63 0.02 0.00	19.95 0.06 0.00	22.70 0.18 0.00	22.73 0.17 0.00	25.45 0.01 0.00	25.53 0.04 0.00
NEG WEST_LEA_LOCKPORT 23791	30.47 -1.57 0.00	31.70 -1.77 0.00	28.66 -1.47 0.00	25.10 -1.26 0.00	26.89 -1.17 0.00	26.71 -1.14 0.00	23.63 -1.23 0.00	22.11 -1.61 0.00	24.45 -1.87 0.00	26.87 -1.72 0.00	27.88 -1.79 0.00	36.21 -3.13 0.79	32.43 -3.18 0.03	22.84 -1.98 0.77	12.84 -1.15 0.01	6.96 -0.58 0.03	4.98 -0.36 0.00	6.45 -0.42 0.00	14.52 -1.09 0.00	18.62 -1.27 0.00	21.03 -1.50 0.00	21.02 -1.54 0.00	23.66 -1.79 0.00	23.58 -1.92 0.00
NEG WEST___LANCASTR 23811	30.90 -1.14 0.00	32.13 -1.34 0.00	28.98 -1.15 0.00	25.40 -0.97 0.00	27.20 -0.86 0.00	27.04 -0.81 0.00	23.94 -0.92 0.00	22.64 -1.08 0.00	25.15 -1.17 0.00	27.63 -0.95 0.00	28.64 -1.02 0.00	37.33 -1.97 0.82	33.40 -2.22 0.03	23.51 -1.28 0.80	13.21 -0.79 0.02	7.12 -0.41 0.03	5.07 -0.26 0.00	6.55 -0.31 0.00	14.81 -0.81 0.00	18.99 -0.90 0.00	21.45 -1.08 0.00	21.42 -1.14 0.00	24.20 -1.24 0.00	24.13 -1.37 0.00
NEG_PENN_ALLEGHNY 23528	32.19 0.15 0.00	33.54 0.06 0.00	30.16 0.03 0.00	26.46 0.09 0.00	28.20 0.15 0.00	28.01 0.16 0.00	24.97 0.11 0.00	23.87 0.14 0.00	26.52 0.19 0.00	28.96 0.37 0.00	30.05 0.39 0.00	40.55 0.41 0.00	35.83 0.19 0.00	25.88 0.29 0.00	14.10 0.09 0.00	7.60 0.03 0.00	5.36 0.02 0.00	6.90 0.04 0.00	15.68 0.07 0.00	20.01 0.11 0.00	22.57 0.04 0.00	22.57 0.01 0.00	25.52 0.08 0.00	25.52 0.02 0.00
NEG___GEN_MONROE 24207	31.68 -0.36 0.00	33.01 -0.46 0.00	29.76 -0.37 0.00	26.04 -0.33 0.00	27.82 -0.24 0.00	27.61 -0.24 0.00	24.49 -0.37 0.00	23.10 -0.62 0.00	25.63 -0.70 0.00	28.12 -0.46 0.00	29.17 -0.50 0.00	39.00 -1.13 0.00	34.37 -1.27 0.00	24.85 -0.74 0.00	13.55 -0.46 0.00	7.33 -0.24 0.00	5.21 -0.13 0.00	6.73 -0.13 0.00	15.25 -0.36 0.00	19.49 -0.40 0.00	21.98 -0.55 0.00	21.97 -0.59 0.00	24.70 -0.74 0.00	24.64 -0.85 0.00
NEPA___ENERGY 23901	31.04 -1.00 0.00	32.27 -1.21 0.00	29.00 -1.14 0.00	25.46 -0.91 0.00	27.23 -0.82 0.00	27.20 -0.65 0.00	24.16 -0.70 0.00	23.04 -0.69 0.00	25.59 -0.74 0.00	28.06 -0.52 0.00	29.04 -0.62 0.00	37.77 -1.44 0.91	33.82 -1.79 0.03	23.78 -0.93 0.88	13.37 -0.62 0.02	7.19 -0.34 0.03	5.12 -0.22 0.00	6.61 -0.25 0.00	14.92 -0.69 0.00	19.11 -0.79 0.00	21.59 -0.94 0.00	21.50 -1.06 0.00	24.48 -0.96 0.00	24.49 -1.01 0.00

NEVERSINK___HYD 23608	33.37 1.34 0.00	34.79 1.31 0.00	31.19 1.06 0.00	27.29 0.93 0.00	28.99 0.94 0.00	28.80 0.95 0.00	25.79 0.93 0.00	24.66 0.93 0.00	27.47 1.15 0.00	30.01 1.43 0.00	31.36 1.69 0.00	41.99 2.50 0.64	37.59 1.95 0.00	26.33 0.74 0.00	14.43 0.42 0.00	7.81 0.25 0.00	5.51 0.18 0.00	7.12 0.25 0.00	16.17 0.56 0.00	20.56 0.67 0.00	23.30 0.78 0.00	23.80 1.25 0.00	26.88 1.43 0.00	26.76 1.26 0.00
NEWKRMKL_115KV_TB1 55635	32.71 0.68 0.00	34.30 0.83 0.00	31.06 0.93 0.00	27.26 0.89 0.00	28.93 0.88 0.00	28.74 0.89 0.00	25.72 0.86 0.00	24.57 0.84 0.00	27.11 0.78 0.00	29.39 0.81 0.00	30.58 0.91 0.00	42.07 1.45 -0.49	36.85 1.21 0.00	30.93 0.89 -4.45	38.27 0.54 -23.72	35.89 0.30 -28.02	25.21 0.21 -19.67	28.57 0.27 -21.44	23.93 0.57 -7.75	22.33 0.68 -1.75	23.64 0.77 -0.34	23.29 0.73 0.00	26.16 0.71 0.00	26.22 0.73 0.00
NEWTON___FALLS_HYD 23847	31.20 -0.84 0.00	32.52 -0.95 0.00	29.20 -0.93 0.00	25.60 -0.77 0.00	27.33 -0.73 0.00	27.11 -0.74 0.00	24.22 -0.64 0.00	22.95 -0.78 0.00	25.49 -0.84 0.00	27.41 -1.17 0.00	28.11 -1.56 0.00	37.94 -2.19 0.00	34.10 -1.54 0.00	24.34 -1.25 0.00	13.26 -0.75 0.00	7.17 -0.40 0.00	5.07 -0.27 0.00	6.51 -0.35 0.00	14.92 -0.69 0.00	19.13 -0.76 0.00	22.07 -0.46 0.00	22.15 -0.41 0.00	24.83 -0.62 0.00	24.87 -0.63 0.00
NGRID_A1_DSASP 323792	29.86 -2.18 0.00	31.08 -2.40 0.00	28.12 -2.01 0.00	24.64 -1.73 0.00	26.40 -1.66 0.00	26.22 -1.63 0.00	23.18 -1.68 0.00	21.66 -2.07 0.00	23.99 -2.33 0.00	26.36 -2.22 0.00	27.37 -2.30 0.00	35.44 -3.87 0.82	31.71 -3.90 0.03	22.40 -2.41 0.78	12.66 -1.33 0.02	6.86 -0.67 0.03	4.92 -0.41 0.00	6.38 -0.48 0.00	14.38 -1.23 0.00	18.44 -1.46 0.00	20.81 -1.71 0.00	20.81 -1.74 0.00	23.40 -2.04 0.00	23.31 -2.18 0.00
NGRID_A2_DSASP 323793	29.86 -2.18 0.00	31.08 -2.40 0.00	28.12 -2.01 0.00	24.64 -1.73 0.00	26.40 -1.66 0.00	26.22 -1.63 0.00	23.18 -1.68 0.00	21.66 -2.07 0.00	23.99 -2.33 0.00	26.36 -2.22 0.00	27.37 -2.30 0.00	35.44 -3.87 0.82	31.71 -3.90 0.03	22.40 -2.41 0.78	12.66 -1.33 0.02	6.86 -0.67 0.03	4.92 -0.41 0.00	6.38 -0.48 0.00	14.38 -1.23 0.00	18.44 -1.46 0.00	20.81 -1.71 0.00	20.81 -1.74 0.00	23.40 -2.04 0.00	23.31 -2.18 0.00
NGRID_A4_DSASP 323807	29.86 -2.18 0.00	31.08 -2.40 0.00	28.12 -2.01 0.00	24.64 -1.73 0.00	26.40 -1.66 0.00	26.22 -1.63 0.00	23.18 -1.68 0.00	21.66 -2.07 0.00	23.99 -2.33 0.00	26.36 -2.22 0.00	27.37 -2.30 0.00	35.44 -3.87 0.82	31.71 -3.90 0.03	22.40 -2.41 0.78	12.66 -1.33 0.02	6.86 -0.67 0.03	4.92 -0.41 0.00	6.38 -0.48 0.00	14.38 -1.23 0.00	18.44 -1.46 0.00	20.81 -1.71 0.00	20.81 -1.74 0.00	23.40 -2.04 0.00	23.31 -2.18 0.00
NIAGARA_115E_LBMP 323715	29.94 -2.09 0.00	31.17 -2.31 0.00	28.19 -1.95 0.00	24.70 -1.66 0.00	26.47 -1.59 0.00	26.29 -1.56 0.00	23.24 -1.62 0.00	21.69 -2.04 0.00	23.93 -2.39 0.00	26.28 -2.31 0.00	27.28 -2.38 0.00	35.40 -3.92 0.81	31.79 -3.82 0.03	22.43 -2.37 0.79	12.63 -1.37 0.02	6.85 -0.69 0.03	4.89 -0.44 0.00	6.33 -0.53 0.00	14.26 -1.36 0.00	18.26 -1.63 0.00	20.61 -1.92 0.00	20.62 -1.94 0.00	23.18 -2.27 0.00	23.11 -2.38 0.00
NIAGARA_115W_LBMP 323714	29.79 -2.24 0.00	31.01 -2.47 0.00	28.06 -2.07 0.00	24.59 -1.78 0.00	26.35 -1.71 0.00	26.16 -1.69 0.00	23.14 -1.73 0.00	21.61 -2.12 0.00	23.93 -2.39 0.00	26.30 -2.29 0.00	27.31 -2.35 0.00	35.36 -3.96 0.81	31.63 -3.99 0.03	22.35 -2.46 0.78	12.64 -1.35 0.01	6.85 -0.69 0.03	4.91 -0.42 0.00	6.37 -0.49 0.00	14.36 -1.25 0.00	18.40 -1.49 0.00	20.78 -1.75 0.00	20.78 -1.77 0.00	23.36 -2.08 0.00	23.28 -2.21 0.00
NIAGARA_230_LBMP 323716	30.04 -2.00 0.00	31.29 -2.19 0.00	28.29 -1.84 0.00	24.79 -1.58 0.00	26.56 -1.50 0.00	26.37 -1.48 0.00	23.32 -1.54 0.00	21.84 -1.89 0.00	24.20 -2.13 0.00	26.59 -1.99 0.00	27.58 -2.08 0.00	35.86 -3.50 0.77	32.15 -3.47 0.03	22.68 -2.17 0.74	12.77 -1.23 0.01	6.91 -0.63 0.03	4.94 -0.39 0.00	6.40 -0.47 0.00	14.42 -1.19 0.00	18.48 -1.41 0.00	20.86 -1.66 0.00	20.86 -1.71 0.00	23.46 -1.98 0.00	23.38 -2.12 0.00
NIAGARA___115KV_198_GIBSON 55903	29.79 -2.24 0.00	31.01 -2.47 0.00	28.06 -2.07 0.00	24.59 -1.78 0.00	26.35 -1.71 0.00	26.16 -1.69 0.00	23.13 -1.74 0.00	21.61 -2.12 0.00	23.93 -2.40 0.00	26.29 -2.29 0.00	27.30 -2.36 0.00	35.36 -3.96 0.81	31.62 -4.00 0.03	22.31 -2.50 0.78	12.61 -1.39 0.01	6.83 -0.70 0.03	4.90 -0.43 0.00	6.36 -0.50 0.00	14.34 -1.27 0.00	18.38 -1.51 0.00	20.76 -1.77 0.00	20.77 -1.79 0.00	23.36 -2.09 0.00	23.28 -2.21 0.00
NIAGARA____ 23760	30.04 -2.00 0.00	31.29 -2.19 0.00	28.29 -1.84 0.00	24.79 -1.58 0.00	26.56 -1.50 0.00	26.37 -1.48 0.00	23.32 -1.54 0.00	21.84 -1.89 0.00	24.20 -2.13 0.00	26.59 -1.99 0.00	27.58 -2.08 0.00	35.84 -3.50 0.79	32.15 -3.47 0.03	22.67 -2.17 0.75	12.76 -1.23 0.01	6.91 -0.63 0.03	4.94 -0.39 0.00	6.40 -0.47 0.00	14.42 -1.19 0.00	18.48 -1.41 0.00	20.86 -1.66 0.00	20.86 -1.71 0.00	23.46 -1.98 0.00	23.38 -2.12 0.00
NINE_MILE_1 23575	31.34 -0.70 0.00	32.72 -0.75 0.00	29.46 -0.67 0.00	25.79 -0.58 0.00	27.45 -0.60 0.00	27.25 -0.60 0.00	24.30 -0.56 0.00	23.12 -0.61 0.00	25.60 -0.72 0.00	27.85 -0.73 0.00	28.90 -0.76 0.00	38.97 -1.16 0.00	34.55 -1.09 0.00	24.87 -0.72 0.00	13.59 -0.42 0.00	7.32 -0.24 0.00	5.17 -0.16 0.00	6.66 -0.21 0.00	15.14 -0.48 0.00	19.28 -0.61 0.00	21.79 -0.73 0.00	21.82 -0.74 0.00	24.60 -0.85 0.00	24.75 -0.74 0.00
NINE_MILE_2 23744	31.35 -0.69 0.00	32.73 -0.74 0.00	29.46 -0.67 0.00	25.79 -0.57 0.00	27.46 -0.60 0.00	27.25 -0.60 0.00	24.30 -0.56 0.00	23.12 -0.61 0.00	25.60 -0.72 0.00	27.85 -0.73 0.00	28.91 -0.76 0.00	38.97 -1.16 0.00	34.56 -1.08 0.00	24.87 -0.72 0.00	13.59 -0.42 0.00	7.33 -0.24 0.00	5.17 -0.16 0.00	6.66 -0.21 0.00	15.14 -0.48 0.00	19.29 -0.61 0.00	21.79 -0.73 0.00	21.82 -0.74 0.00	24.60 -0.84 0.00	24.75 -0.74 0.00
NM_CAPITAL___DRP 24208	32.75 0.71 0.00	34.35 0.87 0.00	31.08 0.95 0.00	27.29 0.92 0.00	28.95 0.89 0.00	28.76 0.91 0.00	25.73 0.87 0.00	24.59 0.87 0.00	27.16 0.84 0.00	29.44 0.86 0.00	30.62 0.96 0.00	42.14 1.50 -0.51	36.90 1.26 0.00	31.04 0.92 -4.54	38.73 0.56 -24.16	36.43 0.31 -28.55	25.59 0.21 -20.04	28.98 0.28 -21.84	24.09 0.58 -7.90	22.38 0.70 -1.79	23.69 0.81 -0.35	23.33 0.77 0.00	26.21 0.76 0.00	26.28 0.79 0.00
NM_CENTRAL___DRP 24181	31.96 -0.07 0.00	33.35 -0.13 0.00	30.01 -0.12 0.00	26.27 -0.09 0.00	27.98 -0.08 0.00	27.77 -0.08 0.00	24.77 -0.10 0.00	23.56 -0.17 0.00	26.11 -0.21 0.00	28.47 -0.11 0.00	29.56 -0.10 0.00	39.90 -0.22 0.00	35.34 -0.30 0.00	25.43 -0.16 0.00	13.90 -0.11 0.00	7.49 -0.08 0.00	5.29 -0.05 0.00	6.81 -0.06 0.00	15.47 -0.14 0.00	19.71 -0.19 0.00	22.25 -0.28 0.00	22.28 -0.28 0.00	25.11 -0.33 0.00	25.22 -0.27 0.00

NM_FRONTIER___DRP 24179	29.79 -2.24 0.00	31.01 -2.47 0.00	28.06 -2.07 0.00	24.59 -1.78 0.00	26.35 -1.71 0.00	26.16 -1.69 0.00	23.13 -1.74 0.00	21.61 -2.12 0.00	23.93 -2.40 0.00	26.29 -2.29 0.00	27.30 -2.36 0.00	35.36 -3.96 0.81	31.62 -4.00 0.03	22.31 -2.50 0.78	12.61 -1.39 0.01	6.83 -0.70 0.03	4.90 -0.43 0.00	6.36 -0.50 0.00	14.34 -1.27 0.00	18.38 -1.51 0.00	20.76 -1.77 0.00	20.77 -1.79 0.00	23.36 -2.09 0.00	23.28 -2.21 0.00
NM_ST_REGIS___HYD 24053	31.12 -0.92 0.00	32.50 -0.98 0.00	29.16 -0.98 0.00	25.45 -0.91 0.00	27.19 -0.87 0.00	27.01 -0.84 0.00	24.07 -0.79 0.00	22.94 -0.78 0.00	25.46 -0.86 0.00	27.43 -1.15 0.00	28.23 -1.44 0.00	38.04 -2.09 0.00	34.36 -1.29 0.00	24.52 -1.06 0.00	13.42 -0.58 0.00	7.24 -0.33 0.00	5.11 -0.22 0.00	6.61 -0.25 0.00	15.17 -0.44 0.00	19.38 -0.52 0.00	22.15 -0.38 0.00	22.20 -0.35 0.00	24.93 -0.51 0.00	24.94 -0.56 0.00
NORTHPORT___1 23551	34.31 2.28 0.00	35.90 2.42 0.00	32.35 2.22 0.00	29.95 2.03 -1.56	30.16 2.10 0.00	29.86 2.00 0.00	33.42 2.00 -6.56	36.55 1.96 -10.86	36.52 2.16 -8.04	35.90 2.50 -4.81	37.86 2.69 -5.50	57.54 3.60 -13.81	90.66 3.09 -51.93	71.95 2.25 -44.11	148.50 1.17 -133.32	89.61 0.61 -81.43	43.74 0.43 -37.98	45.45 0.55 -38.04	29.58 1.20 -12.77	26.70 1.39 -5.41	28.87 1.46 -4.88	27.54 1.63 -3.35	27.67 2.23 0.00	28.86 2.21 -1.16
NORTHPORT___2 23552	34.31 2.28 0.00	35.90 2.42 0.00	32.35 2.22 0.00	29.95 2.03 -1.56	30.16 2.10 0.00	29.86 2.00 0.00	33.42 2.00 -6.56	36.55 1.96 -10.86	36.52 2.16 -8.04	35.90 2.50 -4.81	37.86 2.69 -5.50	57.54 3.60 -13.81	90.66 3.09 -51.93	71.95 2.25 -44.11	148.50 1.17 -133.32	89.61 0.61 -81.43	43.74 0.43 -37.98	45.45 0.55 -38.04	29.58 1.20 -12.77	26.70 1.39 -5.41	28.87 1.46 -4.88	27.54 1.63 -3.35	27.67 2.23 0.00	28.86 2.21 -1.16
NORTHPORT___3 23553	34.35 2.31 0.00	35.96 2.48 0.00	32.41 2.28 0.00	30.00 2.07 -1.56	30.20 2.14 0.00	29.92 2.07 0.00	33.44 2.02 -6.56	36.55 1.96 -10.86	36.54 2.18 -8.04	35.91 2.51 -4.81	37.90 2.74 -5.50	57.57 3.64 -13.81	90.71 3.14 -51.93	71.97 2.27 -44.11	148.52 1.19 -133.32	89.62 0.61 -81.44	50.99 0.40 -45.25	50.21 0.51 -42.84	29.49 1.09 -12.78	26.58 1.27 -5.42	28.78 1.36 -4.89	27.46 1.55 -3.35	27.70 2.26 0.00	28.91 2.26 -1.16
NORTHPORT___4 23650	34.35 2.31 0.00	35.96 2.48 0.00	32.41 2.28 0.00	30.00 2.07 -1.56	30.20 2.14 0.00	29.92 2.07 0.00	33.44 2.02 -6.56	36.55 1.96 -10.86	36.54 2.18 -8.04	35.91 2.51 -4.81	37.90 2.74 -5.50	57.57 3.64 -13.81	90.71 3.14 -51.93	71.97 2.27 -44.11	148.52 1.19 -133.32	89.62 0.61 -81.44	50.99 0.40 -45.25	50.21 0.51 -42.84	29.49 1.09 -12.78	26.58 1.27 -5.42	28.78 1.36 -4.89	27.46 1.55 -3.35	27.70 2.26 0.00	28.91 2.26 -1.16
NORTHPORT___IC 23718	34.31 2.28 0.00	35.91 2.43 0.00	32.35 2.22 0.00	29.95 2.03 -1.56	30.16 2.10 0.00	29.86 2.00 0.00	33.42 2.00 -6.56	36.55 1.96 -10.86	36.52 2.16 -8.04	35.90 2.51 -4.81	37.86 2.69 -5.50	57.54 3.60 -13.81	90.66 3.09 -51.93	71.95 2.25 -44.11	148.50 1.17 -133.32	89.61 0.61 -81.43	43.74 0.43 -37.98	45.45 0.56 -38.04	29.59 1.21 -12.77	26.71 1.40 -5.41	28.87 1.46 -4.88	27.54 1.63 -3.35	27.67 2.23 0.00	28.86 2.22 -1.15
NORTH___COUNTRY_ESR 323785	30.89 -1.15 0.00	32.45 -1.02 0.00	29.09 -1.04 0.00	25.33 -1.04 0.00	27.20 -0.86 0.00	27.09 -0.77 0.00	24.07 -0.80 0.00	22.99 -0.74 0.00	25.49 -0.84 0.00	27.37 -1.21 0.00	28.24 -1.43 0.00	37.87 -2.26 0.00	34.37 -1.27 0.00	24.52 -1.07 0.00	13.45 -0.56 0.00	7.25 -0.31 0.00	5.13 -0.20 0.00	6.67 -0.19 0.00	15.35 -0.26 0.00	19.59 -0.30 0.00	22.30 -0.23 0.00	22.33 -0.23 0.00	25.06 -0.38 0.00	25.14 -0.36 0.00
NPX_GEN_1385_PROXY 323591	33.51 1.48 0.00	35.11 1.63 0.00	31.72 1.59 0.00	29.58 1.65 -1.56	29.79 1.73 0.00	29.29 1.44 0.00	33.21 1.79 -6.56	36.43 1.84 -10.86	36.08 1.73 -8.04	35.12 1.72 -4.81	37.03 1.86 -5.50	56.47 2.53 -13.81	89.74 2.17 -51.93	71.35 1.65 -44.11	96.09 0.91 -81.18	23.62 0.47 -15.58	43.65 0.33 -37.98	45.34 0.44 -38.04	29.37 0.98 -12.77	26.38 1.08 -5.41	28.50 1.09 -4.88	27.22 1.31 -3.35	-38.33 1.75 65.52	28.33 1.68 -1.16
NPX_GEN_CSC 323557	34.49 2.45 0.00	36.00 2.52 0.00	32.38 2.25 0.00	29.96 2.03 -1.56	30.14 2.08 0.00	29.87 2.02 0.00	33.42 2.00 -6.56	36.57 1.98 -10.86	36.63 2.28 -8.04	36.12 2.72 -4.81	38.17 3.00 -5.50	58.08 4.14 -13.81	91.26 3.68 -51.93	72.38 2.67 -44.11	148.68 1.36 -133.32	107.18 0.72 -98.88	74.76 0.53 -68.90	80.28 0.67 -72.74	46.54 1.45 -29.48	39.23 1.68 -17.65	58.74 1.79 -34.43	36.23 2.00 -11.67	28.05 2.61 0.00	29.13 2.49 -1.16
NSINS_S_GLNS_FALLS 23858	34.52 2.48 0.00	36.06 2.59 0.00	32.41 2.27 0.00	28.45 2.09 0.00	30.23 2.17 0.00	30.03 2.18 0.00	26.86 2.00 0.00	25.71 1.98 0.00	28.63 2.30 0.00	30.97 2.39 0.00	32.06 2.40 0.00	43.96 3.37 -0.46	38.31 2.66 0.00	31.56 1.83 -4.13	36.99 0.96 -22.02	34.10 0.51 -26.02	23.96 0.36 -18.27	27.25 0.48 -19.91	23.99 1.18 -7.20	23.02 1.50 -1.63	24.55 1.70 -0.32	24.22 1.67 0.00	27.44 2.00 0.00	27.63 2.14 0.00
NUCOR_STEEL___DRP 24197	32.21 0.17 0.00	33.71 0.23 0.00	30.35 0.22 0.00	26.60 0.23 0.00	28.22 0.17 0.00	28.12 0.26 0.00	25.08 0.21 0.00	23.77 0.04 0.00	26.42 0.09 0.00	28.68 0.10 0.00	29.87 0.21 0.00	40.16 0.03 0.00	35.70 0.05 0.00	25.67 0.08 0.00	13.97 -0.04 0.00	7.56 -0.01 0.00	5.34 0.00 0.00	6.86 0.00 0.00	15.60 -0.01 0.00	19.97 0.07 0.00	22.52 0.00 0.00	22.56 0.00 0.00	25.35 -0.09 0.00	25.41 -0.08 0.00
NUMBER_THREE_WT_PWR 323818	31.58 -0.45 0.00	32.93 -0.54 0.00	29.56 -0.57 0.00	26.02 -0.35 0.00	27.79 -0.27 0.00	27.54 -0.32 0.00	24.67 -0.20 0.00	23.28 -0.45 0.00	25.83 -0.49 0.00	27.75 -0.83 0.00	28.41 -1.26 0.00	38.25 -1.88 0.00	34.39 -1.26 0.00	24.56 -1.03 0.00	13.32 -0.69 0.00	7.22 -0.34 0.00	5.11 -0.22 0.00	6.53 -0.33 0.00	14.90 -0.71 0.00	19.16 -0.73 0.00	22.32 -0.20 0.00	22.43 -0.13 0.00	25.11 -0.34 0.00	25.20 -0.29 0.00
NYISO_LBMP_REFERENCE 24008	32.04 0.00 0.00	33.48 0.00 0.00	30.13 0.00 0.00	26.37 0.00 0.00	28.06 0.00 0.00	27.85 0.00 0.00	24.86 0.00 0.00	23.72 0.00 0.00	26.32 0.00 0.00	28.58 0.00 0.00	29.66 0.00 0.00	40.13 0.00 0.00	35.64 0.00 0.00	25.59 0.00 0.00	14.01 0.00 0.00	7.57 0.00 0.00	5.33 0.00 0.00	6.86 0.00 0.00	15.61 0.00 0.00	19.89 0.00 0.00	22.52 0.00 0.00	22.56 0.00 0.00	25.44 0.00 0.00	25.49 0.00 0.00
NYPA_BRENTWD____GT 24164	34.85 2.82 0.00	36.41 2.93 0.00	32.77 2.64 0.00	30.30 2.38 -1.56	30.53 2.47 0.00	30.23 2.38 0.00	33.74 2.32 -6.56	36.86 2.27 -10.86	36.91 2.55 -8.04	36.36 2.96 -4.81	38.38 3.22 -5.50	58.29 4.35 -13.81	91.44 3.87 -51.93	72.50 2.79 -44.11	148.77 1.44 -133.32	106.87 0.76 -98.54	74.30 0.52 -68.44	79.70 0.68 -72.16	46.28 1.52 -29.15	39.09 1.78 -17.41	58.26 1.89 -33.85	36.13 2.07 -11.51	28.19 2.74 0.00	29.33 2.68 -1.16

NYPA_GOWANUS____GT5 24156	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.13 3.99 -3.02	39.08 3.44 0.00	71.10 2.46 -43.06	148.23 1.33 -132.89	107.98 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.71 1.56 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NYPA_GOWANUS____GT6 24157	34.58 2.54 0.00	36.05 2.57 0.00	32.36 2.22 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.03 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.13 3.99 -3.02	39.08 3.44 0.00	71.10 2.46 -43.06	148.23 1.33 -132.89	107.98 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.71 1.56 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.90 2.41 0.00
NYPA_HARLEM__RVR__GT1 24160	34.38 2.34 0.00	35.86 2.39 0.00	32.21 2.08 0.00	28.21 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.56 1.84 0.00	28.39 2.07 0.00	31.08 2.49 0.00	32.34 2.68 0.00	46.88 3.74 -3.02	38.89 3.24 0.00	70.99 2.34 -43.06	148.20 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.04 0.65 -74.54	47.63 1.48 -30.54	40.24 1.87 -18.48	61.08 2.07 -36.48	35.96 2.06 -11.34	27.88 2.44 0.00	27.76 2.27 0.00
NYPA_HARLEM__RVR__GT2 24161	34.38 2.34 0.00	35.86 2.39 0.00	32.21 2.08 0.00	28.21 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.56 1.84 0.00	28.39 2.07 0.00	31.08 2.49 0.00	32.34 2.68 0.00	46.88 3.74 -3.02	38.89 3.24 0.00	70.99 2.34 -43.06	148.20 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.04 0.65 -74.54	47.63 1.48 -30.54	40.24 1.87 -18.48	61.08 2.07 -36.48	35.96 2.06 -11.34	27.88 2.44 0.00	27.76 2.27 0.00
NYPA_KENT____GT 24152	34.54 2.50 0.00	36.02 2.54 0.00	32.33 2.19 0.00	28.29 1.92 0.00	30.07 2.01 0.00	29.86 2.01 0.00	26.77 1.91 0.00	25.60 1.87 0.00	28.45 2.13 0.00	31.19 2.61 0.00	32.53 2.87 0.00	47.10 3.95 -3.02	39.04 3.39 0.00	71.09 2.45 -43.06	148.24 1.34 -132.89	107.99 0.74 -99.69	76.12 0.51 -70.27	82.07 0.67 -74.54	47.69 1.54 -30.54	40.32 1.94 -18.48	61.14 2.14 -36.48	38.29 2.14 -13.60	27.99 2.54 0.00	27.85 2.36 0.00
NYPA_POUCH1____GT 24155	34.50 2.46 0.00	35.98 2.51 0.00	32.29 2.16 0.00	28.25 1.88 0.00	30.04 1.97 0.00	29.82 1.96 0.00	26.73 1.86 0.00	25.54 1.82 0.00	28.38 2.06 0.00	31.14 2.55 0.00	32.49 2.82 0.00	47.00 3.85 -3.02	39.00 3.35 0.00	71.03 2.38 -43.06	148.19 1.29 -132.89	107.96 0.71 -99.69	76.11 0.50 -70.27	82.07 0.67 -74.54	47.68 1.53 -30.54	40.30 1.93 -18.48	61.10 2.09 -36.48	39.72 2.08 -15.08	27.94 2.49 -0.01	27.80 2.31 0.00
NYPA_VERNON____GT2 24162	34.49 2.45 0.00	35.98 2.50 0.00	32.30 2.16 0.00	28.27 1.90 0.00	30.04 1.98 0.00	29.84 1.98 0.00	26.76 1.89 0.00	25.60 1.87 0.00	28.45 2.13 0.00	31.16 2.58 0.00	32.50 2.84 0.00	47.09 3.94 -3.02	39.01 3.37 0.00	71.10 2.46 -43.06	148.26 1.36 -132.89	108.00 0.75 -99.69	76.13 0.52 -70.27	82.07 0.67 -74.54	47.68 1.53 -30.54	40.29 1.92 -18.48	61.13 2.12 -36.48	36.79 2.12 -12.11	27.96 2.51 0.00	27.82 2.33 0.00
NYPA_VERNON____GT3 24163	34.49 2.45 0.00	35.98 2.50 0.00	32.30 2.16 0.00	28.27 1.90 0.00	30.04 1.98 0.00	29.84 1.98 0.00	26.76 1.89 0.00	25.60 1.87 0.00	28.45 2.13 0.00	31.16 2.58 0.00	32.50 2.84 0.00	47.09 3.94 -3.02	39.01 3.37 0.00	71.10 2.46 -43.06	148.26 1.36 -132.89	108.00 0.75 -99.69	76.13 0.52 -70.27	82.07 0.67 -74.54	47.68 1.53 -30.54	40.29 1.92 -18.48	61.13 2.12 -36.48	36.79 2.12 -12.11	27.96 2.51 0.00	27.82 2.33 0.00
NYPA____ASTORIA_CC1 323568	34.45 2.42 0.00	35.92 2.45 0.00	32.24 2.11 0.00	28.22 1.86 0.00	30.00 1.94 0.00	29.78 1.93 0.00	26.72 1.85 0.00	25.56 1.84 0.00	28.41 2.08 0.00	31.11 2.53 0.00	32.45 2.79 0.00	47.03 3.88 -3.02	38.97 3.33 0.00	71.07 2.43 -43.06	148.24 1.35 -132.89	108.00 0.74 -99.69	76.12 0.51 -70.27	82.06 0.66 -74.54	47.66 1.51 -30.54	40.27 1.90 -18.48	61.09 2.09 -36.48	35.98 2.08 -11.34	27.92 2.47 0.00	27.79 2.29 0.00
NYPA____ASTORIA_CC2 323569	34.45 2.42 0.00	35.92 2.45 0.00	32.24 2.11 0.00	28.22 1.86 0.00	30.00 1.94 0.00	29.78 1.93 0.00	26.72 1.85 0.00	25.56 1.84 0.00	28.41 2.08 0.00	31.11 2.53 0.00	32.45 2.79 0.00	47.03 3.88 -3.02	38.97 3.33 0.00	71.07 2.43 -43.06	148.24 1.35 -132.89	108.00 0.74 -99.69	76.12 0.51 -70.27	82.06 0.66 -74.54	47.66 1.51 -30.54	40.27 1.90 -18.48	61.09 2.09 -36.48	35.98 2.08 -11.34	27.92 2.47 0.00	27.79 2.29 0.00
NYPA____HOLTSVILL 23794	34.62 2.59 0.00	36.16 2.69 0.00	32.55 2.42 0.00	30.11 2.18 -1.56	30.31 2.25 0.00	30.05 2.20 0.00	33.56 2.14 -6.56	36.69 2.10 -10.86	36.73 2.38 -8.04	36.19 2.79 -4.81	38.23 3.06 -5.50	58.12 4.18 -13.81	91.26 3.69 -51.93	72.36 2.66 -44.11	148.70 1.38 -133.32	107.24 0.72 -98.95	74.85 0.51 -69.00	80.39 0.66 -72.86	46.59 1.44 -29.54	39.28 1.69 -17.70	58.87 1.80 -34.54	36.25 1.99 -11.70	28.08 2.64 0.00	29.19 2.54 -1.16
NYPA____HELLGATE_GT1 24158	34.38 2.34 0.00	35.86 2.39 0.00	32.21 2.08 0.00	28.21 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.56 1.84 0.00	28.39 2.07 0.00	31.08 2.49 0.00	32.34 2.68 0.00	46.88 3.74 -3.02	38.89 3.24 0.00	70.99 2.34 -43.06	148.20 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.04 0.65 -74.54	47.63 1.48 -30.54	40.24 1.87 -18.48	61.08 2.07 -36.48	35.96 2.06 -11.34	27.88 2.44 0.00	27.76 2.27 0.00
NYPA____HELLGATE_GT2 24159	34.38 2.34 0.00	35.86 2.39 0.00	32.21 2.08 0.00	28.21 1.85 0.00	29.98 1.92 0.00	29.77 1.92 0.00	26.73 1.87 0.00	25.56 1.84 0.00	28.39 2.07 0.00	31.08 2.49 0.00	32.34 2.68 0.00	46.88 3.74 -3.02	38.89 3.24 0.00	70.99 2.34 -43.06	148.20 1.31 -132.89	107.98 0.72 -99.69	76.11 0.51 -70.27	82.04 0.65 -74.54	47.63 1.48 -30.54	40.24 1.87 -18.48	61.08 2.07 -36.48	35.96 2.06 -11.34	27.88 2.44 0.00	27.76 2.27 0.00
NYS_BARGE____HYD 23848	30.54 -1.50 0.00	31.78 -1.70 0.00	28.72 -1.41 0.00	25.15 -1.22 0.00	26.95 -1.11 0.00	26.76 -1.09 0.00	23.67 -1.19 0.00	22.14 -1.59 0.00	24.49 -1.84 0.00	26.89 -1.70 0.00	27.90 -1.76 0.00	36.30 -3.10 0.73	32.50 -3.12 0.03	22.97 -1.91 0.71	12.89 -1.11 0.01	6.98 -0.56 0.03	4.99 -0.34 0.00	6.46 -0.40 0.00	14.57 -1.04 0.00	18.66 -1.23 0.00	21.06 -1.47 0.00	21.06 -1.50 0.00	23.68 -1.77 0.00	23.59 -1.90 0.00
OAK ORCHARD____HYD 24046	31.48 -0.56 0.00	32.84 -0.64 0.00	29.60 -0.53 0.00	25.90 -0.47 0.00	27.66 -0.40 0.00	27.45 -0.40 0.00	24.37 -0.49 0.00	23.01 -0.71 0.00	25.55 -0.77 0.00	28.00 -0.58 0.00	29.07 -0.59 0.00	38.91 -1.22 0.00	34.33 -1.31 0.00	24.82 -0.77 0.00	13.54 -0.47 0.00	7.32 -0.25 0.00	5.20 -0.14 0.00	6.72 -0.15 0.00	15.20 -0.41 0.00	19.41 -0.48 0.00	21.89 -0.64 0.00	21.87 -0.68 0.00	24.60 -0.84 0.00	24.56 -0.93 0.00

OAKDALE___35_KV_LOAD 356122	32.13 0.09 0.00	33.48 0.00 0.00	30.12 -0.02 0.00	26.42 0.05 0.00	28.16 0.10 0.00	27.97 0.11 0.00	24.93 0.07 0.00	23.82 0.09 0.00	26.46 0.14 0.00	28.89 0.31 0.00	29.98 0.32 0.00	40.45 0.31 0.00	35.74 0.09 0.00	25.80 0.21 0.00	14.06 0.05 0.00	7.58 0.01 0.00	5.34 0.01 0.00	6.88 0.02 0.00	15.64 0.02 0.00	19.96 0.06 0.00	22.52 -0.01 0.00	22.52 -0.04 0.00	25.47 0.03 0.00	25.49 -0.01 0.00
OCC_CHEM___DRP 24175	29.86 -2.18 0.00	31.08 -2.40 0.00	28.12 -2.01 0.00	24.64 -1.73 0.00	26.41 -1.65 0.00	26.22 -1.63 0.00	23.17 -1.69 0.00	21.66 -2.07 0.00	23.98 -2.34 0.00	26.35 -2.23 0.00	27.37 -2.29 0.00	35.44 -3.87 0.82	31.70 -3.92 0.03	22.36 -2.45 0.78	12.63 -1.36 0.02	6.84 -0.69 0.03	4.91 -0.42 0.00	6.37 -0.49 0.00	14.35 -1.26 0.00	18.41 -1.49 0.00	20.79 -1.73 0.00	20.79 -1.76 0.00	23.40 -2.05 0.00	23.31 -2.18 0.00
OH_GEN_PROXY 24063	30.08 -1.95 0.00	31.34 -2.13 0.00	28.33 -1.80 0.00	24.82 -1.55 0.00	26.59 -1.47 0.00	26.41 -1.44 0.00	23.36 -1.51 0.00	21.90 -1.83 0.00	24.28 -2.05 0.00	26.67 -1.91 0.00	27.67 -1.99 0.00	36.08 -3.36 0.69	32.27 -3.35 0.02	22.84 -2.08 0.67	12.81 -1.19 0.01	6.93 -0.61 0.03	-8.10 -0.38 13.05	6.41 -0.46 0.00	14.45 -1.16 0.00	18.52 -1.37 0.00	20.91 -1.62 0.00	20.90 -1.66 0.00	23.53 -1.92 0.00	23.43 -2.06 0.00
OLIN_CORP_DRP 24177	29.99 -2.05 0.00	31.21 -2.27 0.00	28.22 -1.91 0.00	24.74 -1.63 0.00	26.50 -1.56 0.00	26.32 -1.53 0.00	23.27 -1.59 0.00	21.73 -2.00 0.00	23.98 -2.34 0.00	26.33 -2.25 0.00	27.34 -2.33 0.00	35.48 -3.83 0.83	31.85 -3.77 0.03	22.43 -2.36 0.80	12.62 -1.38 0.02	6.85 -0.69 0.03	4.89 -0.44 0.00	6.34 -0.53 0.00	14.26 -1.35 0.00	18.28 -1.61 0.00	20.64 -1.88 0.00	20.64 -1.91 0.00	23.23 -2.22 0.00	23.16 -2.34 0.00
OLIN_CORP_DSASP 323712	29.86 -2.18 0.00	31.08 -2.40 0.00	28.12 -2.01 0.00	24.64 -1.73 0.00	26.40 -1.66 0.00	26.22 -1.63 0.00	23.18 -1.68 0.00	21.66 -2.07 0.00	23.99 -2.33 0.00	26.36 -2.22 0.00	27.37 -2.30 0.00	35.44 -3.87 0.82	31.71 -3.90 0.03	22.40 -2.41 0.78	12.66 -1.33 0.02	6.86 -0.67 0.03	4.92 -0.41 0.00	6.38 -0.48 0.00	14.38 -1.23 0.00	18.44 -1.46 0.00	20.81 -1.71 0.00	20.81 -1.74 0.00	23.40 -2.04 0.00	23.31 -2.18 0.00
ONEIDA_HERK_LFGE 323681	32.29 0.26 0.00	33.70 0.23 0.00	30.31 0.18 0.00	26.58 0.22 0.00	28.33 0.27 0.00	28.10 0.25 0.00	25.12 0.26 0.00	23.86 0.13 0.00	26.47 0.15 0.00	28.66 0.08 0.00	29.58 -0.09 0.00	39.97 -0.16 0.00	35.64 0.00 0.00	25.58 -0.02 0.00	13.94 -0.07 0.00	7.54 -0.03 0.00	5.32 -0.01 0.00	6.83 -0.03 0.00	15.56 -0.06 0.00	19.93 0.03 0.00	22.81 0.29 0.00	22.86 0.30 0.00	25.68 0.23 0.00	25.71 0.22 0.00
ONEIDA___115KV_TB4 55905	32.78 0.74 0.00	34.21 0.73 0.00	30.76 0.63 0.00	26.95 0.59 0.00	28.68 0.62 0.00	28.47 0.62 0.00	25.40 0.54 0.00	24.21 0.48 0.00	26.79 0.47 0.00	29.17 0.58 0.00	30.21 0.54 0.00	40.88 0.75 0.00	36.32 0.68 0.00	26.14 0.55 0.00	14.25 0.24 0.00	7.70 0.13 0.00	5.42 0.09 0.00	6.99 0.13 0.00	15.87 0.26 0.00	20.34 0.44 0.00	23.07 0.54 0.00	23.11 0.54 0.00	25.98 0.53 0.00	25.99 0.50 0.00
ONONDAGA_REF_OCCRA 23987	32.11 0.07 0.00	33.49 0.01 0.00	30.13 0.00 0.00	26.38 0.02 0.00	28.09 0.04 0.00	27.88 0.03 0.00	24.87 0.01 0.00	23.66 -0.07 0.00	26.23 -0.10 0.00	28.61 0.03 0.00	29.72 0.05 0.00	40.13 0.00 0.00	35.55 -0.10 0.00	25.58 -0.01 0.00	13.98 -0.03 0.00	7.53 -0.03 0.00	5.32 -0.02 0.00	6.84 -0.02 0.00	15.56 -0.06 0.00	19.80 -0.09 0.00	22.34 -0.19 0.00	22.37 -0.19 0.00	25.21 -0.23 0.00	25.32 -0.17 0.00
ONONDAGA___COGEN 23986	32.09 0.06 0.00	33.50 0.03 0.00	30.15 0.02 0.00	26.40 0.03 0.00	28.10 0.04 0.00	27.89 0.04 0.00	24.89 0.02 0.00	23.67 -0.06 0.00	26.25 -0.07 0.00	28.59 0.01 0.00	29.71 0.04 0.00	40.07 -0.06 0.00	35.51 -0.13 0.00	25.55 -0.05 0.00	13.96 -0.05 0.00	7.52 -0.04 0.00	5.31 -0.02 0.00	6.83 -0.03 0.00	15.54 -0.07 0.00	19.79 -0.10 0.00	22.30 -0.22 0.00	22.33 -0.23 0.00	25.17 -0.27 0.00	25.29 -0.20 0.00
ONTARIO___LFGE 23819	31.87 -0.17 0.00	33.17 -0.31 0.00	29.86 -0.27 0.00	26.21 -0.15 0.00	27.99 -0.06 0.00	27.76 -0.09 0.00	24.75 -0.12 0.00	23.55 -0.18 0.00	26.11 -0.22 0.00	28.49 -0.09 0.00	29.51 -0.15 0.00	40.17 -0.59 -0.63	34.99 -0.67 -0.02	25.79 -0.41 -0.61	13.77 -0.25 -0.01	7.44 -0.15 -0.02	5.23 -0.11 0.00	6.75 -0.11 0.00	15.41 -0.20 0.00	19.74 -0.15 0.00	22.30 -0.22 0.00	22.26 -0.30 0.00	25.11 -0.34 0.00	25.14 -0.35 0.00
ORANGEVILLE_WT_PWR 323706	30.36 -1.68 0.00	31.58 -1.89 0.00	28.54 -1.59 0.00	25.08 -1.29 0.00	26.94 -1.12 0.00	26.71 -1.14 0.00	23.84 -1.02 0.00	22.64 -1.09 0.00	25.14 -1.19 0.00	27.52 -1.06 0.00	28.50 -1.16 0.00	34.22 -2.45 3.46	32.83 -2.70 0.12	20.48 -1.76 3.34	12.88 -1.06 0.06	6.85 -0.59 0.12	4.96 -0.38 0.00	6.42 -0.44 0.00	14.58 -1.03 0.00	18.77 -1.12 0.00	21.23 -1.29 0.00	21.18 -1.38 0.00	23.96 -1.48 0.00	23.98 -1.51 0.00
ORANGEVILLE___ESR 323794	30.36 -1.68 0.00	31.58 -1.89 0.00	28.54 -1.59 0.00	25.08 -1.29 0.00	26.94 -1.12 0.00	26.71 -1.14 0.00	23.84 -1.02 0.00	22.64 -1.09 0.00	25.14 -1.19 0.00	27.52 -1.06 0.00	28.50 -1.16 0.00	34.22 -2.45 3.46	32.83 -2.70 0.12	20.48 -1.76 3.34	12.88 -1.06 0.06	6.85 -0.59 0.12	4.96 -0.38 0.00	6.42 -0.44 0.00	14.58 -1.03 0.00	18.77 -1.12 0.00	21.23 -1.29 0.00	21.18 -1.38 0.00	23.96 -1.48 0.00	23.98 -1.51 0.00
OSWEGATCHIE___HYD 24044	31.20 -0.84 0.00	32.52 -0.95 0.00	29.20 -0.93 0.00	25.60 -0.77 0.00	27.33 -0.73 0.00	27.11 -0.74 0.00	24.22 -0.64 0.00	22.95 -0.78 0.00	25.49 -0.84 0.00	27.41 -1.17 0.00	28.11 -1.56 0.00	37.94 -2.19 0.00	34.10 -1.54 0.00	24.34 -1.25 0.00	13.26 -0.75 0.00	7.17 -0.40 0.00	5.07 -0.27 0.00	6.51 -0.35 0.00	14.91 -0.70 0.00	19.13 -0.76 0.00	22.07 -0.46 0.00	22.15 -0.41 0.00	24.83 -0.62 0.00	24.87 -0.63 0.00
OSWEGO___5 23606	31.53 -0.50 0.00	32.92 -0.56 0.00	29.63 -0.50 0.00	25.95 -0.42 0.00	27.62 -0.43 0.00	27.42 -0.43 0.00	24.45 -0.41 0.00	23.26 -0.46 0.00	25.77 -0.56 0.00	28.05 -0.54 0.00	29.11 -0.55 0.00	39.26 -0.87 0.00	34.80 -0.85 0.00	25.04 -0.55 0.00	13.68 -0.33 0.00	7.38 -0.19 0.00	5.21 -0.13 0.00	6.71 -0.16 0.00	15.24 -0.37 0.00	19.43 -0.46 0.00	21.95 -0.57 0.00	21.99 -0.57 0.00	24.79 -0.66 0.00	24.91 -0.58 0.00
OSWEGO___6 23613	31.53 -0.50 0.00	32.92 -0.56 0.00	29.63 -0.50 0.00	25.95 -0.42 0.00	27.62 -0.43 0.00	27.42 -0.43 0.00	24.45 -0.41 0.00	23.26 -0.46 0.00	25.77 -0.56 0.00	28.05 -0.54 0.00	29.11 -0.55 0.00	39.26 -0.87 0.00	34.80 -0.85 0.00	25.04 -0.55 0.00	13.68 -0.33 0.00	7.38 -0.19 0.00	5.21 -0.13 0.00	6.71 -0.16 0.00	15.24 -0.37 0.00	19.43 -0.46 0.00	21.95 -0.57 0.00	21.99 -0.57 0.00	24.79 -0.66 0.00	24.91 -0.58 0.00

OUTOKUMPU-AB___DRP 24206	30.67 -1.36 0.00	31.91 -1.57 0.00	28.83 -1.30 0.00	25.25 -1.12 0.00	27.06 -1.00 0.00	26.87 -0.98 0.00	23.78 -1.08 0.00	22.29 -1.44 0.00	24.69 -1.63 0.00	27.13 -1.45 0.00	28.17 -1.50 0.00	36.53 -2.75 0.85	32.72 -2.89 0.03	22.98 -1.78 0.83	12.97 -1.02 0.02	7.02 -0.52 0.03	5.03 -0.31 0.00	6.51 -0.35 0.00	14.68 -0.94 0.00	18.81 -1.08 0.00	21.25 -1.28 0.00	21.24 -1.32 0.00	23.91 -1.53 0.00	23.82 -1.67 0.00
OXBOW___BTM 323836	30.35 -1.69 0.00	31.57 -1.91 0.00	28.54 -1.59 0.00	25.00 -1.36 0.00	26.79 -1.27 0.00	26.60 -1.25 0.00	23.53 -1.33 0.00	22.02 -1.71 0.00	24.41 -1.92 0.00	26.81 -1.77 0.00	27.84 -1.82 0.00	36.08 -3.22 0.82	32.32 -3.30 0.03	22.77 -2.02 0.81	12.86 -1.13 0.02	6.96 -0.57 0.03	4.99 -0.34 0.00	6.47 -0.39 0.00	14.58 -1.03 0.00	18.68 -1.21 0.00	21.09 -1.44 0.00	21.09 -1.48 0.00	23.71 -1.74 0.00	23.62 -1.88 0.00
OXBOW___ 24026	30.35 -1.69 0.00	31.57 -1.91 0.00	28.54 -1.59 0.00	25.00 -1.37 0.00	26.79 -1.27 0.00	26.60 -1.25 0.00	23.53 -1.34 0.00	22.02 -1.71 0.00	24.40 -1.92 0.00	26.81 -1.77 0.00	27.84 -1.83 0.00	36.09 -3.21 0.82	32.29 -3.33 0.03	22.73 -2.06 0.81	12.83 -1.16 0.02	6.95 -0.58 0.03	4.98 -0.35 0.00	6.46 -0.40 0.00	14.55 -1.06 0.00	18.66 -1.24 0.00	21.07 -1.46 0.00	21.07 -1.49 0.00	23.70 -1.74 0.00	23.61 -1.88 0.00
OXY_CHEM_DSASP 323612	29.86 -2.18 0.00	31.08 -2.40 0.00	28.12 -2.01 0.00	24.64 -1.73 0.00	26.41 -1.65 0.00	26.22 -1.63 0.00	23.17 -1.69 0.00	21.66 -2.07 0.00	23.98 -2.34 0.00	26.35 -2.23 0.00	27.37 -2.29 0.00	35.44 -3.87 0.82	31.70 -3.92 0.03	22.36 -2.45 0.78	12.63 -1.36 0.02	6.84 -0.69 0.03	4.91 -0.42 0.00	6.37 -0.49 0.00	14.35 -1.26 0.00	18.41 -1.49 0.00	20.79 -1.73 0.00	20.79 -1.76 0.00	23.40 -2.05 0.00	23.31 -2.18 0.00
OZONE_PARK_ESR 323760	34.76 2.72 0.00	36.25 2.77 0.00	32.52 2.39 0.00	28.45 2.08 0.00	30.24 2.18 0.00	30.03 2.18 0.00	26.92 2.06 0.00	25.77 2.05 0.00	28.66 2.33 0.00	31.39 2.81 0.00	32.76 3.10 0.00	47.48 4.34 -3.02	39.35 3.71 0.00	71.37 2.72 -43.06	148.42 1.51 -132.90	108.10 0.83 -99.70	76.20 0.58 -70.28	82.13 0.73 -74.54	47.82 1.67 -30.54	40.47 2.10 -18.48	61.31 2.31 -36.48	36.22 2.31 -11.34	28.18 2.73 0.00	28.03 2.54 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.86 -2.18 0.00	31.08 -2.40 0.00	28.12 -2.01 0.00	24.64 -1.73 0.00	26.41 -1.65 0.00	26.22 -1.63 0.00	23.17 -1.69 0.00	21.66 -2.07 0.00	23.98 -2.34 0.00	26.35 -2.23 0.00	27.37 -2.29 0.00	35.44 -3.87 0.82	31.70 -3.92 0.03	22.36 -2.45 0.78	12.63 -1.36 0.02	6.84 -0.69 0.03	4.91 -0.42 0.00	6.37 -0.49 0.00	14.35 -1.26 0.00	18.41 -1.49 0.00	20.79 -1.73 0.00	20.79 -1.76 0.00	23.40 -2.05 0.00	23.31 -2.18 0.00
PACKARD__115KV_DUPONT_184 80571	29.86 -2.18 0.00	31.08 -2.40 0.00	28.12 -2.01 0.00	24.64 -1.73 0.00	26.41 -1.65 0.00	26.22 -1.63 0.00	23.17 -1.69 0.00	21.66 -2.07 0.00	23.98 -2.34 0.00	26.35 -2.23 0.00	27.37 -2.29 0.00	35.44 -3.87 0.82	31.70 -3.92 0.03	22.36 -2.45 0.78	12.63 -1.36 0.02	6.84 -0.69 0.03	4.91 -0.42 0.00	6.37 -0.49 0.00	14.35 -1.26 0.00	18.41 -1.49 0.00	20.79 -1.73 0.00	20.79 -1.76 0.00	23.40 -2.05 0.00	23.31 -2.18 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.35 2.32 0.00	35.85 2.37 0.00	32.20 2.07 0.00	28.20 1.83 0.00	29.97 1.91 0.00	29.75 1.90 0.00	26.71 1.85 0.00	25.55 1.82 0.00	28.37 2.05 0.00	31.05 2.47 0.00	32.34 2.68 0.00	46.90 3.75 -3.02	38.89 3.25 0.00	71.00 2.36 -43.06	148.22 1.32 -132.89	107.98 0.73 -99.69	76.12 0.51 -70.27	82.05 0.65 -74.54	47.64 1.49 -30.54	40.23 1.86 -18.48	61.05 2.05 -36.48	35.93 2.03 -11.34	27.84 2.40 0.00	27.73 2.23 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.50 2.46 0.00	36.04 2.57 0.00	32.41 2.27 0.00	28.38 2.01 0.00	30.15 2.09 0.00	29.94 2.09 0.00	26.87 2.00 0.00	25.69 1.97 0.00	28.57 2.24 0.00	31.29 2.71 0.00	32.63 2.97 0.00	47.26 4.11 -3.02	39.24 3.60 0.00	71.24 2.59 -43.06	148.35 1.46 -132.89	108.06 0.80 -99.69	76.16 0.55 -70.27	82.10 0.71 -74.54	47.75 1.60 -30.54	40.34 1.96 -18.48	61.18 2.17 -36.48	36.04 2.13 -11.34	27.97 2.53 0.00	27.87 2.38 0.00
PATROON__115KV_TB1 80586	32.82 0.79 0.00	34.41 0.93 0.00	31.15 1.02 0.00	27.33 0.96 0.00	29.01 0.95 0.00	28.82 0.96 0.00	25.79 0.92 0.00	24.63 0.91 0.00	27.19 0.87 0.00	29.48 0.90 0.00	30.68 1.01 0.00	42.22 1.59 -0.49	36.99 1.34 0.00	31.00 0.98 -4.43	38.19 0.59 -23.59	35.77 0.33 -27.87	25.13 0.22 -19.57	28.48 0.29 -21.32	23.94 0.62 -7.71	22.38 0.75 -1.74	23.72 0.85 -0.34	23.35 0.80 0.00	26.24 0.80 0.00	26.30 0.81 0.00
PATTRSNVILLE___SOLAR 323815	33.39 1.36 0.00	34.89 1.41 0.00	31.37 1.24 0.00	27.47 1.10 0.00	29.23 1.17 0.00	29.03 1.17 0.00	25.89 1.03 0.00	24.71 0.99 0.00	27.46 1.13 0.00	29.64 1.06 0.00	30.78 1.12 0.00	42.17 1.62 -0.42	36.94 1.30 0.00	30.32 0.97 -3.76	34.62 0.58 -20.03	31.52 0.29 -23.67	22.16 0.21 -16.62	25.26 0.28 -18.11	22.82 0.66 -6.55	22.29 0.92 -1.48	23.93 1.11 -0.29	23.64 1.08 0.00	26.62 1.17 0.00	26.63 1.13 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.97 -1.06 0.00	32.20 -1.27 0.00	29.05 -1.09 0.00	25.45 -0.92 0.00	27.26 -0.80 0.00	27.09 -0.76 0.00	23.99 -0.87 0.00	22.64 -1.09 0.00	25.14 -1.18 0.00	27.64 -0.94 0.00	28.66 -1.00 0.00	37.24 -1.98 0.90	33.40 -2.21 0.03	23.43 -1.29 0.88	13.20 -0.79 0.02	7.12 -0.41 0.03	5.08 -0.25 0.00	6.57 -0.30 0.00	14.82 -0.79 0.00	19.01 -0.88 0.00	21.48 -1.05 0.00	21.46 -1.10 0.00	24.21 -1.23 0.00	24.12 -1.37 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.37 2.33 0.00	35.87 2.39 0.00	32.19 2.06 0.00	28.18 1.81 0.00	29.94 1.88 0.00	29.74 1.89 0.00	26.65 1.79 0.00	25.51 1.78 0.00	28.38 2.05 0.00	31.08 2.49 0.00	32.46 2.79 0.00	45.15 4.03 -0.99	39.09 3.45 0.00	38.33 2.58 -10.16	66.92 1.41 -51.49	67.63 0.76 -59.30	47.53 0.51 -41.68	52.89 0.65 -45.38	33.59 1.48 -16.50	25.76 1.84 -4.03	26.19 2.03 -1.64	24.84 1.99 -0.29	27.72 2.27 0.00	27.59 2.10 0.00
PEEKSKILL___ 23653	34.08 2.04 0.00	35.57 2.10 0.00	31.94 1.81 0.00	27.95 1.58 0.00	29.70 1.64 0.00	29.50 1.65 0.00	26.43 1.57 0.00	25.27 1.55 0.00	28.08 1.76 0.00	30.72 2.13 0.00	32.04 2.38 0.00	47.02 3.35 -3.54	38.49 2.84 0.00	67.87 2.14 -40.14	150.21 1.21 -134.99	118.85 0.66 -110.62	83.03 0.46 -77.24	89.92 0.59 -82.47	49.65 1.34 -32.70	38.24 1.65 -16.69	54.02 1.81 -29.68	33.47 1.79 -9.11	27.56 2.11 0.00	27.47 1.98 0.00
PGE MADISON___WINDPWR 24146	33.23 1.19 0.00	34.63 1.15 0.00	31.22 1.09 0.00	27.50 1.13 0.00	29.39 1.33 0.00	29.30 1.45 0.00	26.05 1.19 0.00	24.97 1.25 0.00	27.82 1.49 0.00	30.20 1.62 0.00	31.30 1.64 0.00	42.51 2.22 -0.16	37.68 2.03 0.00	27.19 1.45 -0.15	14.47 0.46 0.00	7.79 0.21 0.00	5.47 0.14 0.00	7.14 0.28 0.00	16.22 0.61 0.00	20.98 1.09 0.00	23.65 1.12 0.00	23.84 1.28 0.00	26.68 1.24 0.00	26.44 0.94 0.00

PIERCEFIELD___HYD 23852	31.07 -0.96 0.00	32.42 -1.06 0.00	29.10 -1.03 0.00	25.42 -0.95 0.00	27.13 -0.93 0.00	26.92 -0.93 0.00	24.02 -0.85 0.00	22.86 -0.86 0.00	25.38 -0.94 0.00	27.36 -1.22 0.00	28.13 -1.54 0.00	37.98 -2.15 0.00	34.24 -1.41 0.00	24.45 -1.14 0.00	13.37 -0.64 0.00	7.21 -0.36 0.00	5.09 -0.25 0.00	6.57 -0.29 0.00	15.06 -0.55 0.00	19.24 -0.65 0.00	22.01 -0.52 0.00	22.08 -0.48 0.00	24.81 -0.63 0.00	24.81 -0.69 0.00
PINELAWN_CC_1 323563	34.76 2.72 0.00	36.29 2.81 0.00	32.62 2.49 0.00	30.14 2.21 -1.56	30.36 2.30 0.00	30.08 2.23 0.00	33.59 2.17 -6.56	36.71 2.12 -10.86	36.76 2.40 -8.04	36.22 2.83 -4.81	38.26 3.09 -5.50	58.15 4.21 -13.81	91.32 3.75 -51.93	72.39 2.68 -44.11	148.75 1.42 -133.32	107.87 0.77 -99.53	75.65 0.54 -69.78	81.41 0.70 -73.86	47.24 1.53 -30.10	39.80 1.80 -18.10	59.99 1.93 -35.52	36.62 2.09 -11.98	28.14 2.69 0.00	29.23 2.59 -1.16
PJM_GEN_HTTP_PROXY 323702	34.34 2.30 0.00	35.81 2.33 0.00	32.15 2.01 0.00	28.12 1.75 0.00	29.90 1.83 0.00	29.69 1.84 0.00	26.61 1.75 0.00	25.47 1.75 0.00	28.32 2.00 0.00	30.99 2.41 0.00	32.33 2.66 0.00	46.89 3.74 -3.02	38.80 3.16 0.00	70.98 2.32 -43.06	148.22 1.29 -132.92	108.00 0.71 -99.71	76.12 0.49 -70.29	79.74 0.62 -72.25	47.59 1.43 -30.55	40.16 1.79 -18.48	60.98 1.97 -36.48	35.87 1.97 -11.34	27.78 2.33 0.00	27.66 2.16 0.00
PJM_GEN_KEystone 24065	32.46 0.42 0.00	33.84 0.37 0.00	30.42 0.29 0.00	26.65 0.28 0.00	28.40 0.34 0.00	28.23 0.38 0.00	25.18 0.31 0.00	24.01 0.29 0.00	26.68 0.35 0.00	29.22 0.64 0.00	30.38 0.72 0.00	35.96 0.80 4.97	36.07 0.44 0.01	38.35 0.53 -12.23	68.31 0.27 -54.03	71.11 0.15 -63.40	50.96 0.11 -45.52	54.31 0.14 -47.30	33.84 0.29 -17.93	24.33 0.38 -4.05	23.68 0.36 -0.80	22.30 0.30 0.56	25.95 0.50 0.00	25.89 0.40 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.43 2.39 0.00	35.96 2.48 0.00	32.32 2.18 0.00	29.14 1.94 -0.83	30.07 2.01 0.00	29.83 1.98 0.00	30.27 1.91 -3.50	31.41 1.89 -5.80	32.74 2.13 -4.29	33.69 2.54 -2.56	35.40 2.80 -2.94	52.78 3.86 -8.79	66.69 3.33 -27.72	71.76 2.40 -43.77	148.63 1.30 -133.32	108.40 0.70 -100.12	76.41 0.49 -70.58	80.06 0.62 -72.57	47.64 1.37 -30.66	40.04 1.63 -18.52	60.81 1.76 -36.52	36.47 1.86 -12.05	27.84 2.40 0.00	28.66 2.29 -0.88
PJM_GEN_VFT_PROXY 323633	34.26 2.23 0.00	35.74 2.27 0.00	32.10 1.97 0.00	28.09 1.72 0.00	29.87 1.81 0.00	29.66 1.81 0.00	26.60 1.73 0.00	25.43 1.71 0.00	28.27 1.94 0.00	30.91 2.33 0.00	32.23 2.57 0.00	46.72 3.57 -3.02	38.67 3.03 0.00	66.76 2.23 -38.95	134.92 1.23 -119.69	86.01 0.68 -77.76	76.09 0.47 -70.28	79.71 0.60 -72.25	47.55 1.40 -30.54	40.12 1.75 -18.48	60.92 1.92 -36.48	35.81 1.91 -11.34	27.73 2.29 0.00	27.62 2.13 0.00
PLATSBURG_115KV_PMLD1 355749	31.21 -0.82 0.00	32.87 -0.60 0.00	29.48 -0.65 0.00	25.64 -0.73 0.00	27.59 -0.47 0.00	27.51 -0.34 0.00	24.44 -0.43 0.00	23.36 -0.36 0.00	25.89 -0.43 0.00	27.70 -0.88 0.00	28.65 -1.02 0.00	38.27 -1.86 0.00	34.78 -0.87 0.00	24.81 -0.78 0.00	13.64 -0.37 0.00	7.35 -0.21 0.00	5.21 -0.13 0.00	6.76 -0.10 0.00	15.59 -0.02 0.00	19.90 0.01 0.00	22.64 0.11 0.00	22.66 0.10 0.00	25.39 -0.05 0.00	25.51 0.02 0.00
PLEASANTVLY___LBMP 24000	33.79 1.76 0.00	35.30 1.82 0.00	31.70 1.57 0.00	27.77 1.40 0.00	29.50 1.44 0.00	29.30 1.45 0.00	26.25 1.39 0.00	25.10 1.37 0.00	27.88 1.55 0.00	30.45 1.86 0.00	31.75 2.08 0.00	44.39 2.98 -1.28	38.16 2.52 0.00	38.17 1.86 -10.72	68.92 1.03 -53.89	69.95 0.57 -61.81	49.11 0.39 -43.38	54.57 0.50 -47.21	33.91 1.12 -17.18	25.53 1.38 -4.26	25.95 1.52 -1.91	24.44 1.51 -0.37	27.17 1.73 0.00	27.11 1.62 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.15 2.12 0.00	35.64 2.17 0.00	32.00 1.87 0.00	28.02 1.65 0.00	29.77 1.72 0.00	29.56 1.71 0.00	26.50 1.63 0.00	25.35 1.62 0.00	28.17 1.85 0.00	30.81 2.23 0.00	32.14 2.47 0.00	45.96 3.50 -2.32	38.63 2.98 0.00	68.40 2.23 -40.58	137.37 1.24 -122.13	97.00 0.68 -88.75	68.29 0.47 -62.49	73.56 0.59 -66.10	44.34 1.35 -27.38	39.00 1.67 -17.43	59.68 1.84 -35.31	35.40 1.82 -11.01	27.57 2.13 0.00	27.48 1.98 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.15 2.12 0.00	35.64 2.17 0.00	32.00 1.87 0.00	28.02 1.65 0.00	29.77 1.72 0.00	29.56 1.71 0.00	26.50 1.63 0.00	25.35 1.62 0.00	28.17 1.85 0.00	30.81 2.23 0.00	32.14 2.47 0.00	45.96 3.50 -2.32	38.63 2.98 0.00	68.40 2.23 -40.58	137.37 1.24 -122.13	97.00 0.68 -88.75	68.29 0.47 -62.49	73.56 0.59 -66.10	44.34 1.35 -27.38	39.00 1.67 -17.43	59.68 1.84 -35.31	35.40 1.82 -11.01	27.57 2.13 0.00	27.48 1.98 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.10 2.06 0.00	35.58 2.11 0.00	31.95 1.81 0.00	27.97 1.60 0.00	29.71 1.66 0.00	29.52 1.67 0.00	26.45 1.59 0.00	25.30 1.57 0.00	28.15 1.82 0.00	30.76 2.18 0.00	32.10 2.44 0.00	44.21 3.52 -0.56	38.68 3.03 0.00	35.99 2.21 -8.19	58.98 1.19 -43.78	59.96 0.66 -51.74	42.12 0.46 -36.33	47.04 0.58 -39.59	31.25 1.33 -14.31	24.78 1.65 -3.24	24.97 1.80 -0.64	24.33 1.77 0.00	27.44 1.99 0.00	27.33 1.84 0.00
POLETTI____ 23519	34.32 2.28 0.00	35.80 2.32 0.00	32.13 2.00 0.00	28.11 1.74 0.00	29.89 1.83 0.00	29.67 1.82 0.00	26.61 1.74 0.00	25.47 1.74 0.00	28.30 1.98 0.00	30.98 2.39 0.00	32.32 2.66 0.00	46.88 3.73 -3.02	38.80 3.16 0.00	70.96 2.32 -43.06	148.20 1.29 -132.90	107.98 0.71 -99.70	76.11 0.49 -70.28	82.03 0.62 -74.54	47.58 1.43 -30.54	40.16 1.79 -18.48	60.97 1.97 -36.48	35.87 1.97 -11.34	27.78 2.34 0.00	27.66 2.16 0.00
POMONA___ESR 323819	34.09 2.06 0.00	35.59 2.12 0.00	31.94 1.81 0.00	27.94 1.57 0.00	29.70 1.64 0.00	29.50 1.65 0.00	26.43 1.56 0.00	25.26 1.53 0.00	28.07 1.75 0.00	30.72 2.14 0.00	32.06 2.40 0.00	39.04 3.40 4.49	38.52 2.88 0.00	81.03 2.19 -53.25	195.97 1.24 -180.72	158.60 0.69 -150.34	110.93 0.48 -105.12	119.83 0.61 -112.36	61.36 1.38 -44.38	43.72 1.69 -22.13	63.07 1.85 -38.70	36.24 1.82 -11.86	27.59 2.15 0.00	27.50 2.00 0.00
PORT_JEFF_3 23555	34.68 2.64 0.00	36.22 2.75 0.00	32.61 2.48 0.00	30.16 2.23 -1.56	30.36 2.31 0.00	30.09 2.24 0.00	33.60 2.18 -6.56	36.73 2.14 -10.86	36.77 2.41 -8.04	36.23 2.84 -4.81	38.30 3.14 -5.50	58.22 4.28 -13.81	91.31 3.74 -51.93	72.36 2.66 -44.11	148.69 1.36 -133.32	107.11 0.71 -98.84	74.67 0.50 -68.84	80.17 0.64 -72.66	46.43 1.39 -29.43	39.14 1.63 -17.62	58.61 1.74 -34.34	36.19 1.99 -11.65	28.13 2.68 0.00	29.25 2.60 -1.16
PORT_JEFF_4 23616	34.68 2.64 0.00	36.22 2.75 0.00	32.61 2.48 0.00	30.16 2.23 -1.56	30.36 2.31 0.00	30.09 2.24 0.00	33.60 2.18 -6.56	36.73 2.14 -10.86	36.77 2.41 -8.04	36.23 2.84 -4.81	38.30 3.14 -5.50	58.22 4.28 -13.81	91.31 3.74 -51.93	72.36 2.66 -44.11	148.69 1.36 -133.32	107.11 0.71 -98.84	74.67 0.50 -68.84	80.17 0.64 -72.66	46.43 1.39 -29.43	39.14 1.63 -17.62	58.61 1.74 -34.34	36.19 1.99 -11.65	28.13 2.68 0.00	29.25 2.60 -1.16

PORT_JEFF_IC 23713	34.73 2.70 0.00	36.28 2.80 0.00	32.66 2.53 0.00	30.20 2.27 -1.56	30.40 2.35 0.00	30.13 2.28 0.00	33.64 2.22 -6.56	36.76 2.17 -10.86	36.83 2.47 -8.04	36.29 2.90 -4.81	38.36 3.20 -5.50	58.32 4.38 -13.81	91.44 3.87 -51.93	72.36 2.66 -44.11	148.70 1.37 -133.32	106.72 0.72 -98.43	74.13 0.51 -68.29	79.49 0.65 -71.97	46.07 1.41 -29.05	38.93 1.69 -17.34	57.99 1.80 -33.66	36.08 2.06 -11.45	28.18 2.73 0.00	29.29 2.64 -1.15
PPL PILGRIM_ST_GT1 24216	34.85 2.82 0.00	36.41 2.93 0.00	32.77 2.64 0.00	30.30 2.38 -1.56	30.53 2.47 0.00	30.23 2.38 0.00	33.74 2.32 -6.56	36.86 2.27 -10.86	36.91 2.55 -8.04	36.36 2.96 -4.81	38.38 3.22 -5.50	58.29 4.35 -13.81	91.44 3.87 -51.93	72.50 2.79 -44.11	148.77 1.44 -133.32	106.87 0.76 -98.54	74.30 0.52 -68.44	79.70 0.68 -72.16	46.28 1.52 -29.15	39.09 1.78 -17.41	58.26 1.89 -33.85	36.13 2.07 -11.51	28.19 2.74 0.00	29.33 2.68 -1.16
PPL PILGRIM_ST_GT2 24217	34.85 2.82 0.00	36.41 2.93 0.00	32.77 2.64 0.00	30.30 2.38 -1.56	30.53 2.47 0.00	30.23 2.38 0.00	33.74 2.32 -6.56	36.86 2.27 -10.86	36.91 2.55 -8.04	36.36 2.96 -4.81	38.38 3.22 -5.50	58.29 4.35 -13.81	91.44 3.87 -51.93	72.50 2.79 -44.11	148.77 1.44 -133.32	106.87 0.76 -98.54	74.30 0.52 -68.44	79.70 0.68 -72.16	46.28 1.52 -29.15	39.09 1.78 -17.41	58.26 1.89 -33.85	36.13 2.07 -11.51	28.19 2.74 0.00	29.33 2.68 -1.16
PPL_SHRM_GT3 24213	34.53 2.50 0.00	36.04 2.56 0.00	32.42 2.29 0.00	29.99 2.06 -1.56	30.17 2.11 0.00	29.91 2.06 0.00	33.45 2.03 -6.56	36.60 2.01 -10.86	36.66 2.30 -8.04	36.15 2.75 -4.81	38.19 3.02 -5.50	58.11 4.17 -13.81	91.30 3.72 -51.93	72.43 2.72 -44.11	148.71 1.39 -133.32	107.05 0.74 -98.75	74.59 0.54 -68.72	80.07 0.69 -72.52	46.44 1.48 -29.35	39.16 1.72 -17.56	58.55 1.82 -34.20	36.18 2.02 -11.60	28.08 2.64 0.00	29.16 2.51 -1.16
PPL_SHRM_GT4 24214	34.53 2.50 0.00	36.04 2.56 0.00	32.42 2.29 0.00	29.99 2.06 -1.56	30.17 2.11 0.00	29.91 2.06 0.00	33.45 2.03 -6.56	36.60 2.01 -10.86	36.66 2.30 -8.04	36.15 2.75 -4.81	38.19 3.02 -5.50	58.11 4.17 -13.81	91.30 3.72 -51.93	72.43 2.72 -44.11	148.71 1.39 -133.32	107.05 0.74 -98.75	74.59 0.54 -68.72	80.07 0.69 -72.52	46.44 1.48 -29.35	39.16 1.72 -17.56	58.55 1.82 -34.20	36.18 2.02 -11.60	28.08 2.64 0.00	29.16 2.51 -1.16
PROJECT___ORANGE 1 24174	31.99 -0.05 0.00	33.37 -0.11 0.00	30.04 -0.09 0.00	26.29 -0.07 0.00	28.00 -0.06 0.00	27.78 -0.07 0.00	24.78 -0.09 0.00	23.57 -0.15 0.00	26.13 -0.20 0.00	28.49 -0.09 0.00	29.59 -0.07 0.00	39.93 -0.20 0.00	35.37 -0.27 0.00	25.45 -0.14 0.00	13.91 -0.10 0.00	7.50 -0.07 0.00	5.29 -0.05 0.00	6.81 -0.05 0.00	15.48 -0.13 0.00	19.72 -0.17 0.00	22.26 -0.27 0.00	22.29 -0.27 0.00	25.12 -0.32 0.00	25.23 -0.26 0.00
PROJECT___ORANGE 2 24166	31.99 -0.05 0.00	33.37 -0.11 0.00	30.04 -0.09 0.00	26.29 -0.07 0.00	28.00 -0.06 0.00	27.78 -0.07 0.00	24.78 -0.09 0.00	23.57 -0.15 0.00	26.13 -0.20 0.00	28.49 -0.09 0.00	29.59 -0.07 0.00	39.93 -0.20 0.00	35.37 -0.27 0.00	25.45 -0.14 0.00	13.91 -0.10 0.00	7.50 -0.07 0.00	5.29 -0.05 0.00	6.81 -0.05 0.00	15.48 -0.13 0.00	19.72 -0.17 0.00	22.26 -0.27 0.00	22.29 -0.27 0.00	25.12 -0.32 0.00	25.23 -0.26 0.00
PUCKETT___SOLAR 323809	32.29 0.25 0.00	33.63 0.16 0.00	30.29 0.16 0.00	26.58 0.22 0.00	28.37 0.31 0.00	28.23 0.37 0.00	25.14 0.27 0.00	24.02 0.29 0.00	26.73 0.41 0.00	29.17 0.59 0.00	30.21 0.55 0.00	40.79 0.66 0.00	36.06 0.41 0.00	26.05 0.46 0.00	14.04 0.03 0.00	7.57 0.00 0.00	5.34 0.00 0.00	6.92 0.06 0.00	15.72 0.11 0.00	20.10 0.21 0.00	22.70 0.18 0.00	22.81 0.25 0.00	25.75 0.30 0.00	25.69 0.20 0.00
PYRITES___HYD 24023	31.75 -0.28 0.00	33.11 -0.37 0.00	29.71 -0.42 0.00	25.95 -0.42 0.00	27.68 -0.38 0.00	27.47 -0.38 0.00	24.50 -0.37 0.00	23.33 -0.39 0.00	25.88 -0.45 0.00	27.77 -0.82 0.00	28.49 -1.18 0.00	38.47 -1.66 0.00	34.62 -1.03 0.00	24.74 -0.85 0.00	13.56 -0.44 0.00	7.29 -0.28 0.00	5.14 -0.19 0.00	6.66 -0.20 0.00	15.36 -0.26 0.00	19.62 -0.27 0.00	22.48 -0.04 0.00	22.56 0.00 0.00	25.34 -0.11 0.00	25.28 -0.21 0.00
QUAKERRD_115KV_BK1 80622	30.94 -1.10 0.00	32.25 -1.22 0.00	29.05 -1.08 0.00	25.43 -0.94 0.00	27.14 -0.92 0.00	26.93 -0.92 0.00	23.93 -0.93 0.00	22.64 -1.08 0.00	25.12 -1.20 0.00	27.50 -1.08 0.00	28.56 -1.11 0.00	38.27 -1.86 0.00	33.79 -1.85 0.00	24.40 -1.19 0.00	13.32 -0.69 0.00	7.19 -0.38 0.00	5.10 -0.23 0.00	6.59 -0.27 0.00	14.93 -0.68 0.00	19.07 -0.82 0.00	21.53 -1.00 0.00	21.53 -1.04 0.00	24.22 -1.23 0.00	24.20 -1.29 0.00
QUENSBRY_115KV_TB8 356137	34.61 2.57 0.00	36.14 2.67 0.00	32.47 2.34 0.00	28.52 2.15 0.00	30.31 2.25 0.00	30.10 2.25 0.00	26.92 2.06 0.00	25.78 2.05 0.00	28.71 2.39 0.00	31.06 2.48 0.00	32.17 2.51 0.00	44.09 3.50 -0.46	38.40 2.76 0.00	31.60 1.89 -4.12	36.96 0.99 -21.96	34.05 0.53 -25.95	23.93 0.38 -18.22	27.21 0.50 -19.85	24.01 1.23 -7.18	23.06 1.55 -1.62	24.59 1.75 -0.32	24.26 1.70 0.00	27.50 2.05 0.00	27.71 2.22 0.00
RAMAPO___LBMP 323565	33.93 1.89 0.00	35.42 1.95 0.00	31.79 1.66 0.00	27.82 1.45 0.00	29.57 1.51 0.00	29.36 1.51 0.00	26.31 1.45 0.00	25.14 1.41 0.00	27.93 1.61 0.00	30.55 1.96 0.00	31.86 2.19 0.00	38.91 3.09 4.31	38.25 2.60 0.00	43.66 2.00 -16.07	116.62 1.13 -101.48	136.20 0.63 -128.00	95.44 0.44 -89.66	105.42 0.56 -97.99	51.81 1.28 -34.92	27.75 1.57 -6.28	20.90 1.70 3.33	22.66 1.68 1.58	27.43 1.98 0.00	27.35 1.86 0.00
RANKINE____ 23646	30.76 -1.28 0.00	32.00 -1.48 0.00	28.88 -1.25 0.00	25.30 -1.06 0.00	27.12 -0.94 0.00	26.97 -0.88 0.00	23.90 -0.97 0.00	22.52 -1.21 0.00	24.99 -1.34 0.00	27.44 -1.14 0.00	28.45 -1.21 0.00	36.75 -2.33 1.05	33.09 -2.52 0.04	23.03 -1.54 1.02	13.07 -0.92 0.02	7.05 -0.48 0.04	5.05 -0.29 0.00	6.53 -0.33 0.00	14.72 -0.89 0.00	18.89 -1.00 0.00	21.35 -1.18 0.00	21.33 -1.23 0.00	24.06 -1.38 0.00	23.99 -1.51 0.00
RAVENSWOOD_GT2_1 24244	34.38 2.35 0.00	35.88 2.40 0.00	32.20 2.07 0.00	28.17 1.80 0.00	29.95 1.89 0.00	29.75 1.89 0.00	26.67 1.80 0.00	25.52 1.79 0.00	28.36 2.04 0.00	31.04 2.46 0.00	32.38 2.72 0.00	46.96 3.81 -3.02	38.88 3.24 0.00	71.02 2.38 -43.06	148.22 1.32 -132.89	107.98 0.73 -99.69	76.11 0.50 -70.27	82.04 0.64 -74.53	47.61 1.47 -30.54	40.21 1.84 -18.48	61.03 2.03 -36.48	35.92 2.02 -11.34	27.84 2.39 0.00	27.71 2.22 0.00
RAVENSWOOD_GT2_2 24245	34.38 2.35 0.00	35.88 2.40 0.00	32.20 2.07 0.00	28.17 1.80 0.00	29.95 1.89 0.00	29.75 1.89 0.00	26.67 1.80 0.00	25.52 1.79 0.00	28.36 2.04 0.00	31.04 2.46 0.00	32.38 2.72 0.00	46.96 3.81 -3.02	38.88 3.24 0.00	71.02 2.38 -43.06	148.22 1.32 -132.89	107.98 0.73 -99.69	76.11 0.50 -70.27	82.04 0.64 -74.53	47.61 1.47 -30.54	40.21 1.84 -18.48	61.03 2.03 -36.48	35.92 2.02 -11.34	27.84 2.39 0.00	27.71 2.22 0.00

RAVENSWOOD_GT2_3 24246	34.41 2.37 0.00	35.90 2.42 0.00	32.22 2.08 0.00	28.19 1.82 0.00	29.96 1.91 0.00	29.75 1.90 0.00	26.67 1.81 0.00	25.53 1.80 0.00	28.38 2.05 0.00	31.06 2.48 0.00	32.40 2.74 0.00	46.98 3.83 -3.02	38.91 3.26 0.00	71.04 2.40 -43.06	148.23 1.33 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.04 0.64 -74.53	47.63 1.48 -30.54	40.22 1.85 -18.48	61.04 2.04 -36.48	35.94 2.04 -11.34	27.86 2.41 0.00	27.73 2.24 0.00
RAVENSWOOD_GT2_4 24247	34.41 2.37 0.00	35.90 2.42 0.00	32.22 2.08 0.00	28.19 1.82 0.00	29.96 1.91 0.00	29.75 1.90 0.00	26.67 1.81 0.00	25.53 1.80 0.00	28.38 2.05 0.00	31.06 2.48 0.00	32.40 2.74 0.00	46.98 3.83 -3.02	38.91 3.26 0.00	71.04 2.40 -43.06	148.23 1.33 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.04 0.64 -74.53	47.63 1.48 -30.54	40.22 1.85 -18.48	61.04 2.04 -36.48	35.94 2.04 -11.34	27.86 2.41 0.00	27.73 2.24 0.00
RAVENSWOOD_GT3_1 24248	34.38 2.35 0.00	35.88 2.40 0.00	32.20 2.07 0.00	28.17 1.80 0.00	29.95 1.89 0.00	29.75 1.90 0.00	26.67 1.80 0.00	25.52 1.79 0.00	28.36 2.04 0.00	31.05 2.46 0.00	32.38 2.72 0.00	46.96 3.81 -3.02	38.88 3.24 0.00	71.02 2.38 -43.06	148.22 1.32 -132.89	107.98 0.73 -99.69	76.11 0.50 -70.27	82.04 0.64 -74.53	47.61 1.47 -30.54	40.21 1.84 -18.48	61.03 2.03 -36.48	35.92 2.02 -11.34	27.84 2.39 0.00	27.71 2.22 0.00
RAVENSWOOD_GT3_2 24249	34.38 2.35 0.00	35.88 2.40 0.00	32.20 2.07 0.00	28.17 1.80 0.00	29.95 1.89 0.00	29.75 1.90 0.00	26.67 1.80 0.00	25.52 1.79 0.00	28.36 2.04 0.00	31.05 2.46 0.00	32.38 2.72 0.00	46.96 3.81 -3.02	38.88 3.24 0.00	71.02 2.38 -43.06	148.22 1.32 -132.89	107.98 0.73 -99.69	76.11 0.50 -70.27	82.04 0.64 -74.53	47.61 1.47 -30.54	40.21 1.84 -18.48	61.03 2.03 -36.48	35.92 2.02 -11.34	27.84 2.39 0.00	27.71 2.22 0.00
RAVENSWOOD_GT3_3 24250	34.45 2.41 0.00	35.93 2.46 0.00	32.26 2.12 0.00	28.22 1.85 0.00	30.00 1.94 0.00	29.79 1.94 0.00	26.71 1.85 0.00	25.56 1.84 0.00	28.42 2.10 0.00	31.11 2.53 0.00	32.45 2.79 0.00	47.05 3.90 -3.02	38.96 3.31 0.00	71.09 2.44 -43.06	148.26 1.36 -132.89	108.00 0.75 -99.69	76.12 0.51 -70.27	82.05 0.65 -74.53	47.65 1.50 -30.54	40.25 1.88 -18.48	61.08 2.07 -36.48	35.97 2.07 -11.34	27.89 2.45 0.00	27.76 2.27 0.00
RAVENSWOOD_GT3_4 24251	34.45 2.41 0.00	35.93 2.46 0.00	32.26 2.12 0.00	28.22 1.85 0.00	30.00 1.94 0.00	29.79 1.94 0.00	26.71 1.85 0.00	25.56 1.84 0.00	28.42 2.10 0.00	31.11 2.53 0.00	32.45 2.79 0.00	47.05 3.90 -3.02	38.96 3.31 0.00	71.09 2.44 -43.06	148.26 1.36 -132.89	108.00 0.75 -99.69	76.12 0.51 -70.27	82.05 0.65 -74.53	47.65 1.50 -30.54	40.25 1.88 -18.48	61.08 2.07 -36.48	35.97 2.07 -11.34	27.89 2.45 0.00	27.76 2.27 0.00
RAVENSWOOD_GT_1 23729	34.49 2.46 0.00	35.98 2.51 0.00	32.30 2.16 0.00	28.27 1.90 0.00	30.04 1.98 0.00	29.83 1.98 0.00	26.76 1.89 0.00	25.60 1.87 0.00	28.45 2.13 0.00	31.16 2.58 0.00	32.50 2.84 0.00	47.08 3.94 -3.02	39.01 3.37 0.00	71.10 2.46 -43.06	148.26 1.36 -132.89	108.00 0.75 -99.69	76.13 0.52 -70.27	82.07 0.67 -74.54	47.68 1.53 -30.54	40.29 1.92 -18.48	61.12 2.12 -36.48	36.79 2.12 -12.11	27.96 2.51 0.00	27.82 2.33 0.00
RAVENSWOOD_GT_10 24258	34.38 2.35 0.00	35.87 2.40 0.00	32.20 2.07 0.00	28.17 1.80 0.00	29.95 1.89 0.00	29.75 1.89 0.00	26.67 1.80 0.00	25.51 1.79 0.00	28.36 2.03 0.00	31.04 2.46 0.00	32.38 2.72 0.00	46.96 3.81 -3.02	38.88 3.24 0.00	71.02 2.38 -43.06	148.22 1.32 -132.89	107.98 0.73 -99.69	76.11 0.50 -70.27	82.03 0.64 -74.53	47.61 1.46 -30.54	40.21 1.84 -18.48	61.03 2.02 -36.48	36.01 2.02 -11.43	27.84 2.39 0.00	27.71 2.22 0.00
RAVENSWOOD_GT_11 24259	34.38 2.35 0.00	35.87 2.40 0.00	32.20 2.07 0.00	28.17 1.80 0.00	29.95 1.89 0.00	29.75 1.89 0.00	26.67 1.80 0.00	25.51 1.79 0.00	28.36 2.03 0.00	31.04 2.46 0.00	32.38 2.72 0.00	46.96 3.81 -3.02	38.88 3.24 0.00	71.02 2.38 -43.06	148.22 1.32 -132.89	107.98 0.73 -99.69	76.11 0.50 -70.27	82.03 0.64 -74.53	47.61 1.46 -30.54	40.21 1.84 -18.48	61.03 2.02 -36.48	36.01 2.02 -11.43	27.84 2.39 0.00	27.71 2.22 0.00
RAVENSWOOD_GT_4 24252	34.38 2.34 0.00	35.86 2.39 0.00	32.19 2.06 0.00	28.16 1.80 0.00	29.94 1.88 0.00	29.73 1.88 0.00	26.66 1.79 0.00	25.51 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.38 2.71 0.00	46.95 3.80 -3.02	38.86 3.22 0.00	71.01 2.37 -43.06	148.22 1.32 -132.89	107.98 0.73 -99.69	76.11 0.50 -70.27	82.03 0.64 -74.53	47.61 1.46 -30.54	40.20 1.83 -18.48	61.02 2.02 -36.48	36.50 2.01 -11.93	27.82 2.38 0.00	27.70 2.21 0.00
RAVENSWOOD_GT_5 24254	34.38 2.34 0.00	35.86 2.39 0.00	32.19 2.06 0.00	28.16 1.80 0.00	29.94 1.88 0.00	29.73 1.88 0.00	26.66 1.79 0.00	25.51 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.38 2.71 0.00	46.95 3.80 -3.02	38.86 3.22 0.00	71.01 2.37 -43.06	148.22 1.32 -132.89	107.98 0.73 -99.69	76.11 0.50 -70.27	82.03 0.64 -74.53	47.61 1.46 -30.54	40.20 1.83 -18.48	61.02 2.02 -36.48	36.50 2.01 -11.93	27.82 2.38 0.00	27.70 2.21 0.00
RAVENSWOOD_GT_6 24253	34.38 2.34 0.00	35.86 2.39 0.00	32.19 2.06 0.00	28.16 1.80 0.00	29.94 1.88 0.00	29.73 1.88 0.00	26.66 1.79 0.00	25.51 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.38 2.71 0.00	46.95 3.80 -3.02	38.86 3.22 0.00	71.01 2.37 -43.06	148.22 1.32 -132.89	107.98 0.73 -99.69	76.11 0.50 -70.27	82.03 0.64 -74.53	47.61 1.46 -30.54	40.20 1.83 -18.48	61.02 2.02 -36.48	36.50 2.01 -11.93	27.82 2.38 0.00	27.70 2.21 0.00
RAVENSWOOD_GT_7 24255	34.38 2.34 0.00	35.86 2.39 0.00	32.19 2.06 0.00	28.16 1.80 0.00	29.94 1.88 0.00	29.73 1.88 0.00	26.66 1.79 0.00	25.51 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.38 2.71 0.00	46.95 3.80 -3.02	38.86 3.22 0.00	71.01 2.37 -43.06	148.22 1.32 -132.89	107.98 0.73 -99.69	76.11 0.50 -70.27	82.03 0.64 -74.53	47.61 1.46 -30.54	40.20 1.83 -18.48	61.02 2.02 -36.48	36.50 2.01 -11.93	27.82 2.38 0.00	27.70 2.21 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.38 2.35 0.00	35.87 2.40 0.00	32.20 2.07 0.00	28.17 1.80 0.00	29.95 1.89 0.00	29.75 1.89 0.00	26.67 1.80 0.00	25.51 1.79 0.00	28.36 2.03 0.00	31.04 2.46 0.00	32.38 2.72 0.00	46.96 3.81 -3.02	38.88 3.24 0.00	71.02 2.38 -43.06	148.22 1.32 -132.89	107.98 0.73 -99.69	76.11 0.50 -70.27	82.03 0.64 -74.53	47.61 1.46 -30.54	40.21 1.84 -18.48	61.03 2.02 -36.48	36.01 2.02 -11.43	27.84 2.39 0.00	27.71 2.22 0.00
RAVENSWOOD_GT_9 24257	34.38 2.35 0.00	35.87 2.40 0.00	32.20 2.07 0.00	28.17 1.80 0.00	29.95 1.89 0.00	29.75 1.89 0.00	26.67 1.80 0.00	25.51 1.79 0.00	28.36 2.03 0.00	31.04 2.46 0.00	32.38 2.72 0.00	46.96 3.81 -3.02	38.88 3.24 0.00	71.02 2.38 -43.06	148.22 1.32 -132.89	107.98 0.73 -99.69	76.11 0.50 -70.27	82.03 0.64 -74.53	47.61 1.46 -30.54	40.21 1.84 -18.48	61.03 2.02 -36.48	36.01 2.02 -11.43	27.84 2.39 0.00	27.71 2.22 0.00

RAVENSWOOD___1 23533	34.45 2.42 0.00	35.94 2.46 0.00	32.25 2.12 0.00	28.22 1.86 0.00	30.00 1.94 0.00	29.78 1.93 0.00	26.71 1.85 0.00	25.56 1.83 0.00	28.40 2.08 0.00	31.11 2.52 0.00	32.45 2.79 0.00	47.03 3.88 -3.02	38.97 3.33 0.00	71.07 2.42 -43.06	148.24 1.34 -132.89	107.99 0.74 -99.69	76.12 0.51 -70.27	82.06 0.66 -74.54	47.66 1.51 -30.54	40.26 1.89 -18.48	61.08 2.08 -36.48	35.21 2.07 -10.58	27.91 2.47 0.00	27.79 2.29 0.00
RAVENSWOOD___2 23534	34.45 2.42 0.00	35.94 2.46 0.00	32.25 2.12 0.00	28.22 1.86 0.00	30.00 1.94 0.00	29.78 1.93 0.00	26.71 1.85 0.00	25.56 1.83 0.00	28.40 2.08 0.00	31.11 2.52 0.00	32.45 2.79 0.00	47.03 3.88 -3.02	38.97 3.33 0.00	71.07 2.42 -43.06	148.24 1.34 -132.89	107.99 0.74 -99.69	76.12 0.51 -70.27	82.06 0.66 -74.54	47.66 1.51 -30.54	40.26 1.89 -18.48	61.08 2.08 -36.48	35.21 2.07 -10.58	27.91 2.47 0.00	27.79 2.29 0.00
RAVENSWOOD___3 23535	34.38 2.35 0.00	35.88 2.40 0.00	32.20 2.07 0.00	28.17 1.81 0.00	29.95 1.89 0.00	29.75 1.90 0.00	26.67 1.80 0.00	25.52 1.79 0.00	28.36 2.04 0.00	31.05 2.47 0.00	32.39 2.72 0.00	46.97 3.82 -3.02	38.88 3.24 0.00	71.02 2.38 -43.06	148.22 1.32 -132.89	107.98 0.73 -99.69	76.11 0.50 -70.27	82.03 0.64 -74.53	47.62 1.47 -30.54	40.21 1.84 -18.48	61.03 2.03 -36.48	35.92 2.02 -11.34	27.83 2.39 0.00	27.71 2.22 0.00
RAVENSWOOD___4 23820	34.45 2.42 0.00	35.94 2.46 0.00	32.25 2.12 0.00	28.22 1.86 0.00	30.00 1.94 0.00	29.78 1.93 0.00	26.71 1.85 0.00	25.56 1.83 0.00	28.40 2.08 0.00	31.11 2.52 0.00	32.45 2.79 0.00	47.03 3.88 -3.02	38.97 3.33 0.00	71.07 2.42 -43.06	148.24 1.34 -132.89	107.99 0.74 -99.69	76.12 0.51 -70.27	82.06 0.66 -74.54	47.66 1.51 -30.54	40.26 1.89 -18.48	61.08 2.08 -36.48	35.21 2.07 -10.58	27.91 2.47 0.00	27.79 2.29 0.00
RCPL_TRUST___DRP 24196	34.36 2.32 0.00	35.84 2.37 0.00	32.17 2.04 0.00	28.14 1.77 0.00	29.92 1.86 0.00	29.72 1.87 0.00	26.64 1.78 0.00	25.50 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.37 2.71 0.00	46.95 3.80 -3.02	38.85 3.20 0.00	71.02 2.37 -43.06	148.24 1.31 -132.92	108.01 0.72 -99.71	76.13 0.50 -70.29	82.05 0.63 -74.55	47.61 1.46 -30.55	40.19 1.82 -18.48	61.01 2.01 -36.48	35.90 2.00 -11.34	27.80 2.36 0.00	27.68 2.19 0.00
RED___ROCHESTER 323720	31.72 -0.31 0.00	33.09 -0.38 0.00	29.82 -0.31 0.00	26.08 -0.28 0.00	27.85 -0.21 0.00	27.64 -0.21 0.00	24.53 -0.33 0.00	23.17 -0.55 0.00	25.76 -0.57 0.00	28.24 -0.34 0.00	29.34 -0.33 0.00	39.27 -0.86 0.00	34.65 -0.99 0.00	25.05 -0.54 0.00	13.67 -0.34 0.00	7.38 -0.18 0.00	5.24 -0.09 0.00	6.78 -0.09 0.00	15.34 -0.28 0.00	19.59 -0.31 0.00	22.05 -0.47 0.00	22.04 -0.52 0.00	24.78 -0.67 0.00	24.72 -0.77 0.00
REGAN___SOLAR 323812	35.08 3.05 0.00	36.46 2.98 0.00	32.68 2.55 0.00	28.56 2.20 0.00	30.48 2.42 0.00	30.26 2.41 0.00	26.80 1.94 0.00	25.45 1.73 0.00	28.10 1.78 0.00	28.40 -0.18 0.00	30.22 0.55 0.00	40.95 0.82 0.00	36.55 0.91 0.00	29.42 0.71 -3.13	31.07 0.41 -16.65	27.31 0.06 -19.68	19.29 0.14 -13.81	22.43 0.52 -15.05	22.12 1.07 -5.44	23.37 2.24 -1.23	25.58 2.81 -0.24	25.13 2.57 0.00	28.17 2.73 0.00	27.97 2.47 0.00
RENSSELAER___COGEN 23796	32.62 0.58 0.00	34.20 0.73 0.00	30.96 0.83 0.00	27.18 0.82 0.00	28.84 0.78 0.00	28.65 0.80 0.00	25.64 0.78 0.00	24.50 0.78 0.00	27.02 0.70 0.00	29.30 0.72 0.00	30.47 0.81 0.00	41.92 1.29 -0.50	36.73 1.09 0.00	30.89 0.77 -4.53	38.63 0.47 -24.15	36.37 0.27 -28.53	25.55 0.18 -20.03	28.93 0.24 -21.83	24.01 0.50 -7.89	22.29 0.61 -1.78	23.58 0.70 -0.35	23.22 0.66 0.00	26.10 0.65 0.00	26.16 0.66 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.22 4.19 0.00	37.79 4.32 0.00	33.87 3.73 0.00	29.87 3.50 0.00	31.70 3.64 0.00	31.46 3.61 0.00	28.24 3.37 0.00	27.08 3.35 0.00	30.13 3.80 0.00	32.52 3.93 0.00	33.80 4.14 0.00	46.21 5.62 -0.46	40.66 5.02 0.00	33.13 3.41 -4.13	37.86 1.83 -22.03	34.60 1.01 -26.02	24.33 0.73 -18.27	27.70 0.93 -19.91	24.96 2.15 -7.20	24.32 2.80 -1.63	26.03 3.18 -0.32	25.69 3.13 0.00	28.87 3.43 0.00	29.12 3.62 0.00
REVERE_CPPR_DRP 24186	32.90 0.86 0.00	34.33 0.85 0.00	30.87 0.74 0.00	27.04 0.68 0.00	28.79 0.73 0.00	28.58 0.72 0.00	25.51 0.65 0.00	24.27 0.54 0.00	26.90 0.58 0.00	29.25 0.67 0.00	30.21 0.54 0.00	40.84 0.71 0.00	36.34 0.69 0.00	26.18 0.59 0.00	14.27 0.26 0.00	7.70 0.14 0.00	5.43 0.09 0.00	6.99 0.13 0.00	15.91 0.30 0.00	20.40 0.51 0.00	23.20 0.68 0.00	23.24 0.69 0.00	26.11 0.67 0.00	26.11 0.62 0.00
REYNOLDS_115KV_TB3 80639	32.82 0.78 0.00	34.43 0.95 0.00	31.12 0.99 0.00	27.33 0.96 0.00	28.99 0.93 0.00	28.80 0.95 0.00	25.77 0.91 0.00	24.63 0.90 0.00	27.21 0.89 0.00	29.52 0.94 0.00	30.69 1.02 0.00	42.25 1.61 -0.52	36.97 1.33 0.00	31.17 0.97 -4.61	39.15 0.59 -24.55	36.91 0.33 -29.01	25.93 0.23 -20.36	29.34 0.29 -22.19	24.25 0.61 -8.02	22.45 0.74 -1.81	23.75 0.87 -0.36	23.39 0.83 0.00	26.27 0.82 0.00	26.35 0.86 0.00
RIVERBAY____ 323610	34.50 2.46 0.00	36.04 2.57 0.00	32.41 2.27 0.00	28.38 2.01 0.00	30.15 2.09 0.00	29.94 2.09 0.00	26.87 2.00 0.00	25.69 1.97 0.00	28.57 2.24 0.00	31.29 2.71 0.00	32.63 2.97 0.00	47.26 4.11 -3.02	39.24 3.60 0.00	71.24 2.59 -43.06	148.35 1.46 -132.89	108.06 0.80 -99.69	76.16 0.55 -70.27	82.10 0.71 -74.54	47.75 1.60 -30.54	40.34 1.96 -18.48	61.18 2.17 -36.48	36.04 2.13 -11.34	27.97 2.53 0.00	27.87 2.38 0.00
RIVERSDE_115KV_TB3 55908	32.75 0.71 0.00	34.35 0.87 0.00	31.08 0.95 0.00	27.29 0.92 0.00	28.95 0.89 0.00	28.76 0.91 0.00	25.73 0.87 0.00	24.59 0.87 0.00	27.16 0.84 0.00	29.44 0.86 0.00	30.62 0.96 0.00	42.14 1.50 -0.51	36.90 1.26 0.00	31.04 0.92 -4.54	38.73 0.56 -24.16	36.43 0.31 -28.55	25.59 0.21 -20.04	28.98 0.28 -21.84	24.09 0.58 -7.90	22.38 0.70 -1.79	23.69 0.81 -0.35	23.33 0.77 0.00	26.21 0.76 0.00	26.28 0.79 0.00
ROARING___BROOK_WT_PWR 323790	31.45 -0.59 0.00	32.96 -0.52 0.00	29.62 -0.51 0.00	26.00 -0.37 0.00	27.65 -0.40 0.00	27.40 -0.45 0.00	24.50 -0.37 0.00	23.38 -0.34 0.00	25.89 -0.43 0.00	28.02 -0.56 0.00	29.03 -0.63 0.00	39.15 -0.98 0.00	34.90 -0.75 0.00	25.01 -0.58 0.00	13.71 -0.29 0.00	7.40 -0.16 0.00	5.21 -0.12 0.00	6.70 -0.16 0.00	15.22 -0.39 0.00	19.43 -0.46 0.00	22.18 -0.35 0.00	22.29 -0.27 0.00	25.09 -0.35 0.00	25.17 -0.32 0.00
ROCHESRG_115KV_T4 355643	31.32 -0.71 0.00	32.67 -0.81 0.00	29.44 -0.69 0.00	25.77 -0.60 0.00	27.52 -0.54 0.00	27.31 -0.54 0.00	24.25 -0.62 0.00	22.89 -0.83 0.00	25.41 -0.91 0.00	27.85 -0.73 0.00	28.90 -0.76 0.00	38.68 -1.45 0.00	34.12 -1.52 0.00	24.66 -0.93 0.00	13.45 -0.55 0.00	7.27 -0.29 0.00	5.16 -0.17 0.00	6.67 -0.19 0.00	15.10 -0.51 0.00	19.29 -0.60 0.00	21.77 -0.76 0.00	21.76 -0.80 0.00	24.50 -0.95 0.00	24.46 -1.04 0.00

ROCHESTER_9_IC 23652	31.53 -0.50 0.00	32.92 -0.55 0.00	29.67 -0.46 0.00	25.96 -0.40 0.00	27.73 -0.33 0.00	27.52 -0.33 0.00	24.42 -0.44 0.00	23.07 -0.66 0.00	25.62 -0.70 0.00	28.09 -0.50 0.00	29.17 -0.50 0.00	39.03 -1.10 0.00	34.44 -1.21 0.00	24.88 -0.71 0.00	13.57 -0.43 0.00	7.33 -0.23 0.00	5.21 -0.13 0.00	6.73 -0.13 0.00	15.23 -0.38 0.00	19.46 -0.43 0.00	21.93 -0.60 0.00	21.90 -0.66 0.00	24.64 -0.80 0.00	24.60 -0.89 0.00
ROCKVIEW_13_KV_LD 356306	34.35 2.31 0.00	35.84 2.36 0.00	32.17 2.04 0.00	28.15 1.78 0.00	29.92 1.86 0.00	29.72 1.87 0.00	26.63 1.77 0.00	25.48 1.75 0.00	28.32 2.00 0.00	31.00 2.41 0.00	32.34 2.68 0.00	46.91 3.77 -3.02	38.87 3.23 0.00	71.03 2.40 -43.05	148.19 1.34 -132.85	107.95 0.74 -99.64	76.09 0.51 -70.24	82.00 0.64 -74.50	47.60 1.46 -30.52	40.19 1.82 -18.47	61.00 2.00 -36.47	35.90 2.00 -11.34	27.79 2.34 0.00	27.68 2.18 0.00
ROME____115KV_TB2 80656	32.90 0.86 0.00	34.33 0.85 0.00	30.87 0.74 0.00	27.04 0.68 0.00	28.79 0.73 0.00	28.58 0.72 0.00	25.51 0.65 0.00	24.27 0.54 0.00	26.90 0.58 0.00	29.25 0.67 0.00	30.21 0.54 0.00	40.84 0.71 0.00	36.34 0.69 0.00	26.18 0.59 0.00	14.27 0.26 0.00	7.70 0.14 0.00	5.43 0.09 0.00	6.99 0.13 0.00	15.91 0.30 0.00	20.40 0.51 0.00	23.20 0.68 0.00	23.24 0.69 0.00	26.11 0.67 0.00	26.11 0.62 0.00
ROSETON____1 23587	33.76 1.73 0.00	35.26 1.78 0.00	31.67 1.54 0.00	27.73 1.37 0.00	29.47 1.41 0.00	29.27 1.42 0.00	26.22 1.35 0.00	25.06 1.34 0.00	27.84 1.52 0.00	30.41 1.83 0.00	31.70 2.03 0.00	43.04 2.91 0.00	38.09 2.45 0.00	37.60 1.83 -10.18	69.60 1.02 -54.57	72.61 0.56 -64.48	51.03 0.39 -45.31	56.74 0.50 -49.38	34.59 1.12 -17.85	25.31 1.38 -4.04	24.84 1.52 -0.80	24.06 1.50 0.00	27.17 1.73 0.00	27.11 1.62 0.00
ROSETON____2 23588	33.76 1.73 0.00	35.26 1.78 0.00	31.67 1.54 0.00	27.73 1.37 0.00	29.47 1.41 0.00	29.27 1.42 0.00	26.22 1.35 0.00	25.06 1.34 0.00	27.84 1.52 0.00	30.41 1.83 0.00	31.70 2.03 0.00	43.04 2.91 0.00	38.09 2.45 0.00	37.60 1.83 -10.18	69.60 1.02 -54.57	72.61 0.56 -64.48	51.03 0.39 -45.31	56.74 0.50 -49.38	34.59 1.12 -17.85	25.31 1.38 -4.04	24.84 1.52 -0.80	24.06 1.50 0.00	27.17 1.73 0.00	27.11 1.62 0.00
ROTTDRAM_115KV_TB3 80664	33.18 1.15 0.00	34.70 1.22 0.00	31.22 1.09 0.00	27.36 0.99 0.00	29.09 1.03 0.00	28.88 1.03 0.00	25.80 0.94 0.00	24.64 0.92 0.00	27.36 1.04 0.00	29.68 1.10 0.00	30.83 1.16 0.00	42.26 1.70 -0.44	37.03 1.39 0.00	30.54 1.02 -3.93	35.52 0.59 -20.93	32.61 0.31 -24.73	22.91 0.22 -17.36	26.07 0.29 -18.92	23.11 0.66 -6.84	22.28 0.84 -1.55	23.80 0.97 -0.31	23.50 0.94 0.00	26.47 1.02 0.00	26.50 1.01 0.00
RUSSELL____1 23602	31.72 -0.31 0.00	33.10 -0.38 0.00	29.82 -0.31 0.00	26.08 -0.28 0.00	27.85 -0.21 0.00	27.64 -0.21 0.00	24.53 -0.33 0.00	23.17 -0.55 0.00	25.75 -0.57 0.00	28.24 -0.34 0.00	29.34 -0.33 0.00	39.26 -0.87 0.00	34.64 -1.01 0.00	25.03 -0.56 0.00	13.65 -0.36 0.00	7.38 -0.19 0.00	5.24 -0.10 0.00	6.77 -0.09 0.00	15.32 -0.29 0.00	19.57 -0.33 0.00	22.05 -0.48 0.00	22.03 -0.53 0.00	24.78 -0.67 0.00	24.72 -0.78 0.00
RUSSELL____2 23532	31.72 -0.31 0.00	33.10 -0.38 0.00	29.82 -0.31 0.00	26.08 -0.28 0.00	27.85 -0.21 0.00	27.64 -0.21 0.00	24.53 -0.33 0.00	23.17 -0.55 0.00	25.75 -0.57 0.00	28.24 -0.34 0.00	29.34 -0.33 0.00	39.26 -0.87 0.00	34.64 -1.01 0.00	25.03 -0.56 0.00	13.65 -0.36 0.00	7.38 -0.19 0.00	5.24 -0.10 0.00	6.77 -0.09 0.00	15.32 -0.29 0.00	19.57 -0.33 0.00	22.05 -0.48 0.00	22.03 -0.53 0.00	24.78 -0.67 0.00	24.72 -0.78 0.00
RUSSELL____3 23549	31.72 -0.31 0.00	33.10 -0.38 0.00	29.82 -0.31 0.00	26.08 -0.28 0.00	27.85 -0.21 0.00	27.64 -0.21 0.00	24.53 -0.33 0.00	23.17 -0.55 0.00	25.75 -0.57 0.00	28.24 -0.34 0.00	29.34 -0.33 0.00	39.26 -0.87 0.00	34.64 -1.01 0.00	25.03 -0.56 0.00	13.65 -0.36 0.00	7.38 -0.19 0.00	5.24 -0.10 0.00	6.77 -0.09 0.00	15.32 -0.29 0.00	19.57 -0.33 0.00	22.05 -0.48 0.00	22.03 -0.53 0.00	24.78 -0.67 0.00	24.72 -0.78 0.00
RUSSELL____4 23556	31.72 -0.31 0.00	33.10 -0.38 0.00	29.82 -0.31 0.00	26.08 -0.28 0.00	27.85 -0.21 0.00	27.64 -0.21 0.00	24.53 -0.33 0.00	23.17 -0.55 0.00	25.75 -0.57 0.00	28.24 -0.34 0.00	29.34 -0.33 0.00	39.26 -0.87 0.00	34.64 -1.01 0.00	25.03 -0.56 0.00	13.65 -0.36 0.00	7.38 -0.19 0.00	5.24 -0.10 0.00	6.77 -0.09 0.00	15.32 -0.29 0.00	19.57 -0.33 0.00	22.05 -0.48 0.00	22.03 -0.53 0.00	24.78 -0.67 0.00	24.72 -0.78 0.00
RUSSELL____STATION 23914	31.72 -0.31 0.00	33.10 -0.38 0.00	29.82 -0.31 0.00	26.08 -0.28 0.00	27.85 -0.21 0.00	27.64 -0.21 0.00	24.53 -0.33 0.00	23.17 -0.55 0.00	25.75 -0.57 0.00	28.24 -0.34 0.00	29.34 -0.33 0.00	39.26 -0.87 0.00	34.64 -1.01 0.00	25.03 -0.56 0.00	13.65 -0.36 0.00	7.38 -0.19 0.00	5.24 -0.10 0.00	6.77 -0.09 0.00	15.32 -0.29 0.00	19.57 -0.33 0.00	22.05 -0.48 0.00	22.03 -0.53 0.00	24.78 -0.67 0.00	24.72 -0.78 0.00
S SALMON____HYD 24043	31.61 -0.43 0.00	32.87 -0.61 0.00	29.57 -0.56 0.00	25.93 -0.44 0.00	27.64 -0.42 0.00	27.43 -0.42 0.00	24.48 -0.39 0.00	23.18 -0.54 0.00	25.72 -0.60 0.00	27.85 -0.73 0.00	28.75 -0.92 0.00	38.81 -1.32 0.00	34.43 -1.22 0.00	24.68 -0.91 0.00	13.47 -0.54 0.00	7.26 -0.31 0.00	5.14 -0.20 0.00	6.61 -0.25 0.00	15.08 -0.53 0.00	19.31 -0.59 0.00	22.04 -0.49 0.00	22.09 -0.47 0.00	24.82 -0.63 0.00	24.93 -0.56 0.00
S.PERRY__115KV_TB1 80734	32.06 0.02 0.00	33.35 -0.13 0.00	30.06 -0.07 0.00	26.38 0.01 0.00	28.30 0.24 0.00	27.98 0.13 0.00	24.93 0.07 0.00	23.64 -0.09 0.00	26.11 -0.21 0.00	28.60 0.02 0.00	29.74 0.08 0.00	43.26 -0.54 -3.67	34.80 -0.97 -0.13	28.55 -0.59 -3.55	13.68 -0.39 -0.07	7.46 -0.24 -0.13	5.19 -0.14 0.00	6.72 -0.14 0.00	15.35 -0.27 0.00	19.76 -0.13 0.00	22.28 -0.24 0.00	22.28 -0.28 0.00	24.93 -0.51 0.00	25.02 -0.48 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.48 -1.56 0.00	31.73 -1.75 0.00	28.66 -1.47 0.00	25.11 -1.26 0.00	26.90 -1.16 0.00	26.73 -1.12 0.00	23.66 -1.21 0.00	22.22 -1.51 0.00	24.63 -1.69 0.00	27.07 -1.51 0.00	28.08 -1.59 0.00	36.28 -2.85 1.01	32.66 -2.95 0.03	22.78 -1.83 0.97	12.93 -1.06 0.02	6.99 -0.55 0.04	5.00 -0.33 0.00	6.47 -0.39 0.00	14.59 -1.02 0.00	18.72 -1.18 0.00	21.15 -1.38 0.00	21.13 -1.43 0.00	23.81 -1.63 0.00	23.73 -1.77 0.00
SAWYER____23_KV_LOAD 55526	30.48 -1.56 0.00	31.73 -1.75 0.00	28.66 -1.47 0.00	25.11 -1.26 0.00	26.90 -1.16 0.00	26.73 -1.12 0.00	23.66 -1.21 0.00	22.22 -1.51 0.00	24.63 -1.69 0.00	27.07 -1.51 0.00	28.08 -1.59 0.00	36.28 -2.85 1.01	32.66 -2.95 0.03	22.78 -1.83 0.97	12.93 -1.06 0.02	6.99 -0.55 0.04	5.00 -0.33 0.00	6.47 -0.39 0.00	14.59 -1.02 0.00	18.72 -1.18 0.00	21.15 -1.38 0.00	21.13 -1.43 0.00	23.81 -1.63 0.00	23.73 -1.77 0.00

SELKIRK___I 23801	32.85 0.81 0.00	34.40 0.93 0.00	31.09 0.95 0.00	27.28 0.91 0.00	28.98 0.92 0.00	28.77 0.92 0.00	25.72 0.85 0.00	24.53 0.80 0.00	27.09 0.77 0.00	29.33 0.75 0.00	30.42 0.76 0.00	41.88 1.30 -0.45	36.76 1.12 0.00	30.79 0.69 -4.51	38.48 0.45 -24.02	36.22 0.27 -28.39	25.44 0.18 -19.93	28.83 0.25 -21.72	23.97 0.50 -7.85	22.33 0.66 -1.77	23.66 0.78 -0.35	23.31 0.75 0.00	26.20 0.76 0.00	26.26 0.77 0.00
SELKIRK___II 23799	32.75 0.71 0.00	34.30 0.83 0.00	30.98 0.85 0.00	27.18 0.82 0.00	28.87 0.81 0.00	28.66 0.81 0.00	25.64 0.77 0.00	24.49 0.76 0.00	27.07 0.75 0.00	29.38 0.80 0.00	30.54 0.87 0.00	41.96 1.35 -0.48	36.79 1.15 0.00	30.86 0.81 -4.46	38.25 0.48 -23.76	35.92 0.28 -28.08	25.23 0.19 -19.71	28.59 0.25 -21.48	23.90 0.53 -7.76	22.30 0.65 -1.76	23.61 0.74 -0.35	23.27 0.71 0.00	26.17 0.73 0.00	26.22 0.73 0.00
SENECA OSWGO___HYD 24041	31.70 -0.34 0.00	33.08 -0.40 0.00	29.77 -0.36 0.00	26.06 -0.30 0.00	27.76 -0.30 0.00	27.54 -0.31 0.00	24.56 -0.30 0.00	23.35 -0.38 0.00	25.86 -0.46 0.00	28.16 -0.42 0.00	29.26 -0.41 0.00	39.39 -0.74 0.00	34.91 -0.73 0.00	25.11 -0.48 0.00	13.72 -0.29 0.00	7.39 -0.18 0.00	5.21 -0.12 0.00	6.72 -0.15 0.00	15.27 -0.34 0.00	19.50 -0.39 0.00	22.03 -0.49 0.00	22.07 -0.49 0.00	24.87 -0.57 0.00	24.99 -0.50 0.00
SENECA___115KV_TB3 355854	30.82 -1.22 0.00	32.06 -1.42 0.00	28.93 -1.20 0.00	25.34 -1.03 0.00	27.16 -0.90 0.00	27.01 -0.84 0.00	23.94 -0.93 0.00	22.56 -1.17 0.00	25.02 -1.30 0.00	27.50 -1.08 0.00	28.51 -1.16 0.00	36.82 -2.26 1.05	33.15 -2.46 0.04	23.08 -1.50 1.02	13.09 -0.90 0.02	7.06 -0.46 0.04	5.06 -0.28 0.00	6.54 -0.32 0.00	14.75 -0.86 0.00	18.93 -0.97 0.00	21.38 -1.14 0.00	21.36 -1.20 0.00	24.10 -1.35 0.00	24.03 -1.47 0.00
SENECA___ENERGY 23797	31.73 -0.31 0.00	33.07 -0.41 0.00	29.77 -0.36 0.00	26.10 -0.27 0.00	27.81 -0.25 0.00	27.62 -0.23 0.00	24.63 -0.23 0.00	23.40 -0.32 0.00	25.96 -0.36 0.00	28.33 -0.25 0.00	29.38 -0.29 0.00	39.71 -0.71 -0.28	34.94 -0.71 -0.01	25.46 -0.40 -0.27	13.75 -0.26 0.00	7.42 -0.15 -0.01	5.23 -0.10 0.00	6.74 -0.12 0.00	15.36 -0.25 0.00	19.64 -0.26 0.00	22.15 -0.37 0.00	22.14 -0.41 0.00	24.94 -0.51 0.00	25.00 -0.49 0.00
SHOEMAKER___GT 23640	33.59 1.55 0.00	35.06 1.59 0.00	31.49 1.36 0.00	27.58 1.22 0.00	29.32 1.26 0.00	29.12 1.26 0.00	26.06 1.20 0.00	24.90 1.18 0.00	27.66 1.34 0.00	30.19 1.61 0.00	31.46 1.79 0.00	39.98 2.52 2.67	37.74 2.10 0.00	-26.95 1.64 54.17	-274.34 0.92 289.27	-333.72 0.52 341.80	-234.23 0.36 239.92	-254.15 0.45 261.46	-77.88 1.04 94.52	-0.19 1.28 21.37	19.71 1.39 4.21	23.92 1.37 0.00	27.02 1.57 0.00	26.95 1.46 0.00
SHOEMAKR_138KV_BK 111 55601	33.59 1.55 0.00	35.07 1.59 0.00	31.50 1.36 0.00	27.58 1.21 0.00	29.31 1.25 0.00	29.11 1.26 0.00	26.06 1.19 0.00	24.90 1.18 0.00	27.66 1.34 0.00	30.20 1.61 0.00	31.47 1.80 0.00	40.15 2.56 2.54	37.77 2.13 0.00	-53.94 1.66 81.19	-417.81 0.93 432.75	-503.25 0.52 511.34	-353.22 0.36 358.91	-383.78 0.46 391.10	-124.81 1.04 141.47	-11.06 1.29 32.24	16.84 1.40 7.08	23.68 1.37 0.25	27.02 1.58 0.00	26.96 1.47 0.00
SHOREHAM_IC_1 23715	34.53 2.50 0.00	36.04 2.56 0.00	32.42 2.29 0.00	29.99 2.06 -1.56	30.17 2.11 0.00	29.91 2.06 0.00	33.45 2.03 -6.56	36.60 2.01 -10.86	36.66 2.30 -8.04	36.15 2.75 -4.81	38.19 3.02 -5.50	58.11 4.17 -13.81	91.30 3.72 -51.93	72.43 2.72 -44.11	148.71 1.39 -133.32	107.05 0.74 -98.75	74.59 0.54 -68.72	80.07 0.69 -72.52	46.44 1.48 -29.35	39.16 1.72 -17.56	58.55 1.82 -34.20	36.18 2.02 -11.60	28.08 2.64 0.00	29.16 2.51 -1.16
SHOREHAM_IC_2 23716	34.53 2.50 0.00	36.04 2.56 0.00	32.42 2.29 0.00	29.99 2.06 -1.56	30.17 2.11 0.00	29.91 2.06 0.00	33.45 2.03 -6.56	36.60 2.01 -10.86	36.66 2.30 -8.04	36.15 2.75 -4.81	38.19 3.02 -5.50	58.11 4.17 -13.81	91.30 3.72 -51.93	72.43 2.72 -44.11	148.71 1.39 -133.32	107.05 0.74 -98.75	74.59 0.54 -68.72	80.07 0.69 -72.52	46.44 1.48 -29.35	39.16 1.72 -17.56	58.55 1.82 -34.20	36.18 2.02 -11.60	28.08 2.64 0.00	29.16 2.51 -1.16
SISSONVILLE____ 23735	31.07 -0.96 0.00	32.42 -1.06 0.00	29.10 -1.03 0.00	25.42 -0.95 0.00	27.13 -0.93 0.00	26.92 -0.93 0.00	24.02 -0.85 0.00	22.86 -0.86 0.00	25.38 -0.94 0.00	27.36 -1.22 0.00	28.13 -1.54 0.00	37.98 -2.15 0.00	34.24 -1.41 0.00	24.45 -1.14 0.00	13.37 -0.64 0.00	7.21 -0.36 0.00	5.09 -0.25 0.00	6.57 -0.29 0.00	15.06 -0.55 0.00	19.24 -0.65 0.00	22.01 -0.52 0.00	22.08 -0.48 0.00	24.81 -0.63 0.00	24.81 -0.69 0.00
SITHE_IND_GS1 24169	31.37 -0.67 0.00	32.75 -0.72 0.00	29.49 -0.64 0.00	25.81 -0.55 0.00	27.48 -0.58 0.00	27.27 -0.58 0.00	24.32 -0.54 0.00	23.13 -0.59 0.00	25.61 -0.72 0.00	27.87 -0.71 0.00	28.92 -0.75 0.00	38.98 -1.15 0.00	34.56 -1.08 0.00	24.87 -0.72 0.00	13.59 -0.42 0.00	7.32 -0.24 0.00	5.17 -0.16 0.00	6.66 -0.21 0.00	15.13 -0.48 0.00	19.28 -0.61 0.00	21.78 -0.74 0.00	21.81 -0.75 0.00	24.59 -0.85 0.00	24.76 -0.73 0.00
SITHE_IND_GS2 24170	31.37 -0.67 0.00	32.75 -0.72 0.00	29.49 -0.64 0.00	25.81 -0.55 0.00	27.48 -0.58 0.00	27.27 -0.58 0.00	24.32 -0.54 0.00	23.13 -0.59 0.00	25.61 -0.72 0.00	27.87 -0.71 0.00	28.92 -0.75 0.00	38.98 -1.15 0.00	34.56 -1.08 0.00	24.87 -0.72 0.00	13.59 -0.42 0.00	7.32 -0.24 0.00	5.17 -0.16 0.00	6.66 -0.21 0.00	15.13 -0.48 0.00	19.28 -0.61 0.00	21.78 -0.74 0.00	21.81 -0.75 0.00	24.59 -0.85 0.00	24.76 -0.73 0.00
SITHE_IND_GS3 24171	31.37 -0.67 0.00	32.75 -0.72 0.00	29.49 -0.64 0.00	25.81 -0.55 0.00	27.48 -0.58 0.00	27.27 -0.58 0.00	24.32 -0.54 0.00	23.13 -0.59 0.00	25.61 -0.72 0.00	27.87 -0.71 0.00	28.92 -0.75 0.00	38.98 -1.15 0.00	34.56 -1.08 0.00	24.87 -0.72 0.00	13.59 -0.42 0.00	7.32 -0.24 0.00	5.17 -0.16 0.00	6.66 -0.21 0.00	15.13 -0.48 0.00	19.28 -0.61 0.00	21.78 -0.74 0.00	21.81 -0.75 0.00	24.59 -0.85 0.00	24.76 -0.73 0.00
SITHE_IND_GS4 24172	31.37 -0.67 0.00	32.75 -0.72 0.00	29.49 -0.64 0.00	25.81 -0.55 0.00	27.48 -0.58 0.00	27.27 -0.58 0.00	24.32 -0.54 0.00	23.13 -0.59 0.00	25.61 -0.72 0.00	27.87 -0.71 0.00	28.92 -0.75 0.00	38.98 -1.15 0.00	34.56 -1.08 0.00	24.87 -0.72 0.00	13.59 -0.42 0.00	7.32 -0.24 0.00	5.17 -0.16 0.00	6.66 -0.21 0.00	15.13 -0.48 0.00	19.28 -0.61 0.00	21.78 -0.74 0.00	21.81 -0.75 0.00	24.59 -0.85 0.00	24.76 -0.73 0.00
SITHE___BATAVIA 24024	31.72 -0.31 0.00	32.99 -0.49 0.00	29.75 -0.38 0.00	26.03 -0.34 0.00	27.84 -0.22 0.00	27.65 -0.20 0.00	24.48 -0.38 0.00	22.99 -0.74 0.00	25.45 -0.87 0.00	27.95 -0.63 0.00	28.92 -0.75 0.00	38.00 -1.63 0.51	33.87 -1.75 0.02	24.12 -0.98 0.49	13.40 -0.60 0.01	7.24 -0.31 0.02	5.17 -0.17 0.00	6.70 -0.16 0.00	15.15 -0.46 0.00	19.40 -0.49 0.00	21.90 -0.63 0.00	21.89 -0.67 0.00	24.57 -0.87 0.00	24.46 -1.03 0.00

SITHE___INDEPEND 23800	31.37 -0.67 0.00	32.75 -0.72 0.00	29.49 -0.64 0.00	25.81 -0.55 0.00	27.48 -0.58 0.00	27.27 -0.58 0.00	24.33 -0.54 0.00	23.13 -0.59 0.00	25.61 -0.72 0.00	27.88 -0.71 0.00	28.92 -0.75 0.00	38.98 -1.15 0.00	34.56 -1.09 0.00	24.87 -0.72 0.00	13.59 -0.42 0.00	7.32 -0.24 0.00	5.17 -0.16 0.00	6.66 -0.21 0.00	15.13 -0.48 0.00	19.28 -0.61 0.00	21.78 -0.75 0.00	21.81 -0.75 0.00	24.59 -0.85 0.00	24.76 -0.73 0.00
SITHE___MASSENA 23902	31.59 -0.45 0.00	32.95 -0.53 0.00	29.61 -0.53 0.00	25.85 -0.52 0.00	27.57 -0.49 0.00	27.35 -0.50 0.00	24.39 -0.48 0.00	23.30 -0.43 0.00	25.86 -0.46 0.00	27.93 -0.65 0.00	28.85 -0.81 0.00	38.97 -1.16 0.00	34.98 -0.67 0.00	25.01 -0.58 0.00	13.69 -0.32 0.00	7.38 -0.18 0.00	5.21 -0.13 0.00	6.71 -0.15 0.00	15.33 -0.28 0.00	19.57 -0.33 0.00	22.26 -0.27 0.00	22.32 -0.24 0.00	25.15 -0.29 0.00	25.14 -0.35 0.00
SITHE___OGDNSBRG 24021	31.84 -0.19 0.00	33.21 -0.27 0.00	29.80 -0.33 0.00	26.03 -0.34 0.00	27.75 -0.30 0.00	27.54 -0.31 0.00	24.55 -0.31 0.00	23.40 -0.33 0.00	25.97 -0.35 0.00	27.87 -0.71 0.00	28.64 -1.02 0.00	38.70 -1.43 0.00	34.78 -0.87 0.00	24.85 -0.74 0.00	13.62 -0.38 0.00	7.33 -0.24 0.00	5.17 -0.17 0.00	6.70 -0.16 0.00	15.39 -0.22 0.00	19.65 -0.24 0.00	22.51 -0.01 0.00	22.60 0.03 0.00	25.40 -0.04 0.00	25.33 -0.16 0.00
SITHE___STERLING 23777	32.78 0.74 0.00	34.21 0.73 0.00	30.76 0.63 0.00	26.96 0.58 0.00	28.68 0.62 0.00	28.47 0.62 0.00	25.40 0.54 0.00	24.21 0.48 0.00	26.79 0.47 0.00	29.17 0.58 0.00	30.21 0.54 0.00	40.88 0.75 0.00	36.32 0.68 0.00	26.14 0.55 0.00	14.25 0.24 0.00	7.69 0.13 0.00	5.42 0.09 0.00	6.99 0.13 0.00	15.87 0.26 0.00	20.34 0.44 0.00	23.07 0.54 0.00	23.10 0.54 0.00	25.98 0.53 0.00	25.99 0.50 0.00
SLEIGHT___34_KV_TB1 80719	31.60 -0.43 0.00	32.94 -0.53 0.00	29.67 -0.46 0.00	25.97 -0.40 0.00	27.69 -0.37 0.00	27.49 -0.36 0.00	24.46 -0.40 0.00	23.17 -0.56 0.00	25.72 -0.60 0.00	28.13 -0.45 0.00	29.23 -0.43 0.00	39.22 -0.91 0.00	34.69 -0.95 0.00	25.00 -0.59 0.00	13.64 -0.36 0.00	7.37 -0.20 0.00	5.22 -0.11 0.00	6.73 -0.13 0.00	15.28 -0.33 0.00	19.52 -0.37 0.00	22.03 -0.49 0.00	22.03 -0.53 0.00	24.77 -0.67 0.00	24.74 -0.75 0.00
SOUTH CAIRO___GT 23612	33.82 1.79 0.00	35.43 1.95 0.00	32.07 1.94 0.00	28.15 1.78 0.00	29.88 1.82 0.00	29.67 1.82 0.00	26.52 1.66 0.00	25.30 1.58 0.00	27.89 1.56 0.00	30.20 1.62 0.00	31.31 1.64 0.00	42.56 2.43 0.00	38.37 2.72 0.00	31.84 1.52 -4.73	40.11 0.86 -25.25	38.00 0.60 -29.83	26.66 0.38 -20.94	30.28 0.60 -22.83	25.10 1.23 -8.25	23.29 1.53 -1.87	24.68 1.78 -0.37	24.22 1.66 0.00	27.09 1.64 0.00	27.07 1.57 0.00
SOUTH HAMPTN___IC 23720	34.85 2.82 0.00	36.35 2.87 0.00	32.69 2.55 0.00	30.21 2.28 -1.56	30.41 2.35 0.00	30.14 2.29 0.00	33.68 2.26 -6.56	36.85 2.26 -10.86	36.97 2.62 -8.04	36.56 3.17 -4.81	38.65 3.49 -5.50	58.77 4.84 -13.81	91.83 4.26 -51.93	72.76 3.06 -44.11	148.86 1.53 -133.32	107.29 0.85 -98.87	74.84 0.62 -68.89	80.39 0.80 -72.72	46.79 1.72 -29.47	39.53 1.99 -17.64	59.06 2.13 -34.41	36.59 2.37 -11.66	28.45 3.00 0.00	29.52 2.87 -1.16
SOUTHDOW___115KV_TB1 355954	31.49 -0.55 0.00	32.82 -0.66 0.00	29.44 -0.70 0.00	25.73 -0.64 0.00	27.59 -0.47 0.00	27.71 -0.14 0.00	24.70 -0.17 0.00	23.59 -0.14 0.00	26.21 -0.11 0.00	28.80 0.22 0.00	29.69 0.03 0.57	38.82 -0.74 0.00	34.37 -1.25 0.02	24.43 -0.60 0.56	13.52 -0.48 0.01	7.28 -0.27 0.02	5.18 -0.15 0.00	6.70 -0.16 0.00	15.09 -0.53 0.00	19.36 -0.53 0.00	22.01 -0.52 0.00	21.92 -0.64 0.00	24.90 -0.54 0.00	24.90 -0.60 0.00
SOUTHOLD_69_KV_BK 2 55809	35.01 2.97 0.00	36.48 3.00 0.00	32.77 2.63 0.00	30.27 2.35 -1.56	30.47 2.41 0.00	30.20 2.35 0.00	33.79 2.37 -6.56	36.98 2.39 -10.86	37.17 2.81 -8.04	36.87 3.48 -4.81	39.00 3.83 -5.50	59.30 5.36 -13.81	92.24 4.67 -51.93	72.82 3.12 -44.11	148.75 1.42 -133.32	107.37 0.93 -98.87	74.91 0.69 -68.88	80.47 0.89 -72.72	46.99 1.91 -29.46	39.72 2.19 -17.64	59.28 2.35 -34.40	36.89 2.67 -11.66	28.76 3.32 0.00	29.84 3.20 -1.15
SOUTHOLD___IC 23719	35.01 2.97 0.00	36.47 2.99 0.00	32.77 2.63 0.00	30.28 2.35 -1.56	30.47 2.41 0.00	30.20 2.35 0.00	33.79 2.37 -6.56	36.98 2.39 -10.86	37.17 2.82 -8.04	36.87 3.48 -4.81	39.00 3.83 -5.50	59.30 5.36 -13.81	92.24 4.67 -51.93	72.82 3.12 -44.11	148.74 1.42 -133.32	107.37 0.93 -98.87	74.90 0.68 -68.88	80.46 0.88 -72.72	46.96 1.89 -29.46	39.70 2.16 -17.64	59.27 2.34 -34.40	36.88 2.66 -11.66	28.76 3.32 0.00	29.84 3.19 -1.16
SOUTH_FORK_WT_PWR 323839	34.65 2.61 0.00	36.11 2.63 0.00	32.43 2.30 0.00	29.97 2.04 -1.56	30.15 2.09 0.00	29.89 2.04 0.00	33.55 2.13 -6.56	36.76 2.16 -10.86	36.93 2.57 -8.04	36.61 3.22 -4.81	38.74 3.57 -5.50	58.97 5.03 -13.81	91.93 4.36 -51.93	72.66 2.96 -44.11	148.70 1.37 -133.32	107.29 0.85 -98.87	74.85 0.63 -68.89	80.41 0.83 -72.72	46.84 1.76 -29.46	39.51 1.98 -17.64	59.07 2.14 -34.40	36.74 2.52 -11.66	28.60 3.16 0.00	29.73 3.09 -1.16
SPIERFLS_115KV_TB 1 80737	34.40 2.37 0.00	35.94 2.47 0.00	32.30 2.17 0.00	28.35 1.99 0.00	30.12 2.07 0.00	29.92 2.07 0.00	26.76 1.90 0.00	25.62 1.89 0.00	28.53 2.20 0.00	30.87 2.29 0.00	31.94 2.28 0.00	43.75 3.16 -0.46	38.05 2.41 0.00	31.35 1.64 -4.11	36.75 0.83 -21.91	33.90 0.44 -25.89	23.82 0.32 -18.17	27.09 0.42 -19.81	23.83 1.06 -7.16	22.85 1.34 -1.62	24.39 1.54 -0.32	24.06 1.50 0.00	27.33 1.89 0.00	27.53 2.04 0.00
ST LAWRENCE____ 23600	31.33 -0.71 0.00	32.70 -0.78 0.00	29.40 -0.73 0.00	25.67 -0.70 0.00	27.35 -0.71 0.00	27.14 -0.71 0.00	24.21 -0.65 0.00	23.14 -0.58 0.00	25.69 -0.63 0.00	27.76 -0.82 0.00	28.72 -0.94 0.00	38.80 -1.33 0.00	34.78 -0.86 0.00	24.88 -0.71 0.00	13.62 -0.39 0.00	7.35 -0.22 0.00	5.18 -0.16 0.00	6.68 -0.19 0.00	15.23 -0.38 0.00	19.44 -0.46 0.00	22.07 -0.46 0.00	22.13 -0.43 0.00	24.95 -0.49 0.00	24.96 -0.54 0.00
STATE_CA_115KV_115_LB 55624	32.82 0.79 0.00	34.41 0.93 0.00	31.15 1.02 0.00	27.33 0.96 0.00	29.01 0.95 0.00	28.82 0.97 0.00	25.79 0.92 0.00	24.63 0.91 0.00	27.20 0.88 0.00	29.49 0.91 0.00	30.68 1.01 0.00	42.22 1.60 -0.49	36.99 1.35 0.00	30.99 0.98 -4.42	38.15 0.60 -23.55	35.72 0.33 -27.82	25.09 0.23 -19.53	28.44 0.29 -21.29	23.93 0.62 -7.69	22.39 0.75 -1.74	23.72 0.85 -0.34	23.36 0.80 0.00	26.25 0.80 0.00	26.30 0.81 0.00
STATE_ST_34_KV_LOAD 55959	32.22 0.19 0.00	33.69 0.22 0.00	30.35 0.22 0.00	26.59 0.23 0.00	28.24 0.18 0.00	28.11 0.26 0.00	25.08 0.21 0.00	23.78 0.05 0.00	26.42 0.10 0.00	28.69 0.11 0.00	29.86 0.19 0.00	40.29 0.02 -0.15	35.69 0.04 0.00	25.80 0.07 -0.14	13.97 -0.04 0.00	7.56 -0.01 0.00	5.34 0.00 0.00	6.86 0.00 0.00	15.60 -0.01 0.00	19.97 0.08 0.00	22.54 0.01 0.00	22.56 0.00 0.00	25.36 -0.08 0.00	25.42 -0.08 0.00

STATION 5_MISC_HYD 23604	31.54 -0.50 0.00	32.92 -0.56 0.00	29.67 -0.46 0.00	25.96 -0.41 0.00	27.73 -0.33 0.00	27.52 -0.34 0.00	24.43 -0.44 0.00	23.07 -0.66 0.00	25.62 -0.70 0.00	28.09 -0.50 0.00	29.17 -0.50 0.00	39.03 -1.10 0.00	34.44 -1.20 0.00	24.90 -0.69 0.00	13.59 -0.42 0.00	7.34 -0.23 0.00	5.21 -0.12 0.00	6.74 -0.12 0.00	15.25 -0.36 0.00	19.47 -0.42 0.00	21.94 -0.59 0.00	21.91 -0.64 0.00	24.64 -0.80 0.00	24.60 -0.89 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.89 -0.14 0.00	33.23 -0.25 0.00	29.91 -0.22 0.00	26.18 -0.19 0.00	27.92 -0.14 0.00	27.72 -0.14 0.00	24.65 -0.21 0.00	23.37 -0.35 0.00	25.94 -0.38 0.00	28.39 -0.19 0.00	29.47 -0.19 0.00	39.52 -0.61 0.00	34.93 -0.71 0.00	25.20 -0.39 0.00	13.74 -0.27 0.00	7.42 -0.14 0.00	5.26 -0.08 0.00	6.79 -0.08 0.00	15.41 -0.20 0.00	19.69 -0.20 0.00	22.21 -0.31 0.00	22.20 -0.36 0.00	24.99 -0.45 0.00	24.97 -0.52 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.41 -0.62 0.00	32.75 -0.73 0.00	29.51 -0.62 0.00	25.82 -0.55 0.00	27.56 -0.49 0.00	27.34 -0.51 0.00	24.28 -0.58 0.00	22.95 -0.78 0.00	25.49 -0.83 0.00	27.94 -0.64 0.00	29.02 -0.64 0.00	38.87 -1.26 0.00	34.30 -1.34 0.00	24.77 -0.82 0.00	13.52 -0.49 0.00	7.30 -0.26 0.00	5.18 -0.15 0.00	6.70 -0.16 0.00	15.16 -0.45 0.00	19.37 -0.52 0.00	21.84 -0.69 0.00	21.83 -0.73 0.00	24.56 -0.88 0.00	24.53 -0.97 0.00
STA_56____34_KV_BUS2 355983	31.41 -0.62 0.00	32.75 -0.73 0.00	29.51 -0.62 0.00	25.82 -0.55 0.00	27.56 -0.49 0.00	27.34 -0.51 0.00	24.28 -0.58 0.00	22.95 -0.78 0.00	25.49 -0.83 0.00	27.94 -0.64 0.00	29.02 -0.64 0.00	38.87 -1.26 0.00	34.30 -1.34 0.00	24.77 -0.82 0.00	13.52 -0.49 0.00	7.30 -0.26 0.00	5.18 -0.15 0.00	6.70 -0.16 0.00	15.16 -0.45 0.00	19.37 -0.52 0.00	21.84 -0.69 0.00	21.83 -0.73 0.00	24.56 -0.88 0.00	24.53 -0.97 0.00
STA_67____115KV_BK2 355882	31.45 -0.58 0.00	32.85 -0.63 0.00	29.61 -0.52 0.00	25.92 -0.46 0.00	27.67 -0.38 0.00	27.47 -0.39 0.00	24.38 -0.49 0.00	23.02 -0.70 0.00	25.56 -0.76 0.00	28.02 -0.56 0.00	29.10 -0.57 0.00	38.94 -1.19 0.00	34.35 -1.29 0.00	24.82 -0.77 0.00	13.54 -0.46 0.00	7.32 -0.25 0.00	5.20 -0.14 0.00	6.72 -0.15 0.00	15.20 -0.41 0.00	19.41 -0.48 0.00	21.87 -0.65 0.00	21.85 -0.71 0.00	24.58 -0.86 0.00	24.54 -0.95 0.00
STA_7____115KV_9TRANS 80674	31.72 -0.31 0.00	33.10 -0.38 0.00	29.82 -0.31 0.00	26.08 -0.28 0.00	27.85 -0.21 0.00	27.64 -0.21 0.00	24.53 -0.33 0.00	23.17 -0.55 0.00	25.75 -0.57 0.00	28.24 -0.34 0.00	29.34 -0.33 0.00	39.26 -0.87 0.00	34.64 -1.01 0.00	25.03 -0.56 0.00	13.65 -0.36 0.00	7.38 -0.19 0.00	5.24 -0.10 0.00	6.77 -0.09 0.00	15.32 -0.29 0.00	19.57 -0.33 0.00	22.05 -0.48 0.00	22.03 -0.53 0.00	24.78 -0.67 0.00	24.72 -0.78 0.00
STA_82____115KV_TB1 80780	31.47 -0.57 0.00	32.83 -0.64 0.00	29.59 -0.54 0.00	25.89 -0.48 0.00	27.65 -0.40 0.00	27.44 -0.41 0.00	24.36 -0.50 0.00	23.01 -0.72 0.00	25.54 -0.78 0.00	28.00 -0.59 0.00	29.07 -0.60 0.00	38.90 -1.23 0.00	34.31 -1.33 0.00	24.79 -0.80 0.00	13.53 -0.48 0.00	7.31 -0.26 0.00	5.19 -0.15 0.00	6.71 -0.15 0.00	15.18 -0.43 0.00	19.40 -0.50 0.00	21.87 -0.66 0.00	21.85 -0.70 0.00	24.59 -0.85 0.00	24.55 -0.94 0.00
STEEL____WIND 323596	30.76 -1.28 0.00	31.99 -1.48 0.00	28.86 -1.27 0.00	25.29 -1.08 0.00	27.11 -0.95 0.00	26.96 -0.89 0.00	23.90 -0.96 0.00	22.53 -1.20 0.00	25.00 -1.33 0.00	27.45 -1.13 0.00	28.46 -1.21 0.00	36.75 -2.33 1.05	33.10 -2.50 0.04	23.05 -1.52 1.02	13.08 -0.91 0.02	7.06 -0.47 0.04	5.05 -0.28 0.00	6.53 -0.33 0.00	14.74 -0.87 0.00	18.92 -0.98 0.00	21.36 -1.16 0.00	21.34 -1.22 0.00	24.07 -1.37 0.00	23.99 -1.51 0.00
STEPHTWN_115KV_BK_2 55603	33.00 0.97 0.00	34.58 1.10 0.00	31.20 1.07 0.00	27.39 1.02 0.00	29.11 1.05 0.00	28.89 1.04 0.00	25.82 0.95 0.00	24.77 1.04 0.00	27.36 1.04 0.00	29.68 1.10 0.00	30.90 1.24 0.00	42.56 1.93 -0.50	37.24 1.59 0.00	31.25 1.13 -4.53	38.84 0.68 -24.15	36.48 0.38 -28.53	25.64 0.27 -20.03	29.03 0.34 -21.83	24.21 0.71 -7.89	22.61 0.94 -1.78	23.93 1.04 -0.35	23.47 0.90 0.00	26.38 0.94 0.00	26.43 0.94 0.00
STEUBEN_REC_LFGE 323667	30.64 -1.39 0.00	31.85 -1.63 0.00	28.80 -1.33 0.00	25.40 -0.96 0.00	27.35 -0.71 0.00	27.05 -0.80 0.00	24.20 -0.67 0.00	23.22 -0.50 0.00	25.86 -0.46 0.00	28.31 -0.27 0.00	29.29 -0.38 0.00	40.91 -1.53 -2.31	33.47 -2.26 -0.08	26.16 -1.67 -2.23	12.99 -1.06 -0.04	7.03 -0.62 -0.08	4.92 -0.41 0.00	6.37 -0.50 0.00	14.64 -0.96 0.00	19.01 -0.89 0.00	21.56 -0.97 0.00	21.59 -0.97 0.00	24.09 -1.36 0.00	24.12 -1.37 0.00
STILLWATER____SOLAR 323814	33.85 1.82 0.00	35.43 1.95 0.00	31.88 1.75 0.00	27.97 1.60 0.00	29.71 1.66 0.00	29.51 1.66 0.00	26.36 1.50 0.00	25.20 1.48 0.00	28.01 1.69 0.00	30.33 1.75 0.00	31.46 1.80 0.00	43.25 2.64 -0.47	37.81 2.17 0.00	31.36 1.56 -4.20	37.28 0.87 -22.40	34.51 0.47 -26.47	24.25 0.33 -18.58	27.54 0.43 -20.25	23.95 1.01 -7.32	22.81 1.26 -1.66	24.31 1.46 -0.33	23.97 1.41 0.00	27.01 1.56 0.00	27.09 1.60 0.00
STONY____BROOK 24151	34.80 2.76 0.00	36.34 2.86 0.00	32.71 2.58 0.00	30.24 2.31 -1.56	30.45 2.39 0.00	30.19 2.34 0.00	33.69 2.26 -6.56	36.81 2.22 -10.86	36.88 2.52 -8.04	36.36 2.97 -4.81	38.43 3.27 -5.50	58.44 4.50 -13.81	91.56 3.99 -51.93	72.49 2.79 -44.11	148.77 1.44 -133.32	106.53 0.76 -98.20	73.85 0.53 -67.98	79.12 0.68 -71.57	45.90 1.47 -28.82	38.82 1.75 -17.17	57.67 1.87 -33.27	36.02 2.11 -11.34	28.24 2.79 0.00	29.34 2.69 -1.16
STURGEON_POOL_HYD 23609	34.05 2.01 0.00	35.50 2.03 0.00	31.82 1.69 0.00	27.84 1.48 0.00	29.58 1.52 0.00	29.39 1.54 0.00	26.34 1.48 0.00	25.19 1.46 0.00	28.06 1.74 0.00	30.73 2.15 0.00	32.10 2.44 0.00	43.55 3.42 0.00	38.54 2.90 0.00	33.05 2.16 -5.30	43.57 1.16 -28.41	41.78 0.64 -33.56	29.35 0.45 -23.56	33.11 0.57 -25.68	26.18 1.28 -9.29	23.58 1.59 -2.10	24.66 1.71 -0.41	24.27 1.71 0.00	27.42 1.97 0.00	27.29 1.80 0.00
ST_LAW_115_BK7_LBMP 345037	31.29 -0.75 0.00	32.65 -0.82 0.00	29.36 -0.77 0.00	25.63 -0.74 0.00	27.31 -0.74 0.00	27.10 -0.75 0.00	24.18 -0.69 0.00	23.11 -0.61 0.00	25.65 -0.67 0.00	27.72 -0.86 0.00	28.66 -1.00 0.00	38.72 -1.41 0.00	34.73 -0.91 0.00	24.83 -0.76 0.00	13.59 -0.42 0.00	7.33 -0.23 0.00	5.17 -0.17 0.00	6.66 -0.20 0.00	15.21 -0.40 0.00	19.40 -0.49 0.00	22.04 -0.49 0.00	22.11 -0.45 0.00	24.92 -0.52 0.00	24.93 -0.57 0.00
ST_LAW_115_BK8_LBMP 345038	31.29 -0.75 0.00	32.65 -0.82 0.00	29.36 -0.77 0.00	25.63 -0.74 0.00	27.31 -0.74 0.00	27.10 -0.75 0.00	24.18 -0.69 0.00	23.11 -0.61 0.00	25.65 -0.67 0.00	27.72 -0.86 0.00	28.66 -1.00 0.00	38.72 -1.41 0.00	34.73 -0.91 0.00	24.83 -0.76 0.00	13.59 -0.42 0.00	7.33 -0.23 0.00	5.17 -0.17 0.00	6.66 -0.20 0.00	15.21 -0.40 0.00	19.40 -0.49 0.00	22.04 -0.49 0.00	22.11 -0.45 0.00	24.92 -0.52 0.00	24.93 -0.57 0.00

ST_LAW_230_BK5_LBMP 345035	31.33 -0.71 0.00	32.70 -0.78 0.00	29.40 -0.73 0.00	25.67 -0.70 0.00	27.35 -0.71 0.00	27.14 -0.71 0.00	24.21 -0.65 0.00	23.14 -0.58 0.00	25.69 -0.63 0.00	27.76 -0.82 0.00	28.72 -0.94 0.00	38.80 -1.33 0.00	34.78 -0.86 0.00	24.88 -0.71 0.00	13.62 -0.39 0.00	7.35 -0.22 0.00	5.18 -0.16 0.00	6.68 -0.19 0.00	15.23 -0.38 0.00	19.44 -0.46 0.00	22.07 -0.46 0.00	22.13 -0.43 0.00	24.95 -0.49 0.00	24.96 -0.54 0.00
ST_LAW_230_BK6_LBMP 345036	31.33 -0.71 0.00	32.70 -0.78 0.00	29.40 -0.73 0.00	25.67 -0.70 0.00	27.35 -0.71 0.00	27.14 -0.71 0.00	24.21 -0.65 0.00	23.14 -0.58 0.00	25.69 -0.63 0.00	27.76 -0.82 0.00	28.72 -0.94 0.00	38.80 -1.33 0.00	34.78 -0.86 0.00	24.88 -0.71 0.00	13.62 -0.39 0.00	7.35 -0.22 0.00	5.18 -0.16 0.00	6.68 -0.19 0.00	15.23 -0.38 0.00	19.44 -0.46 0.00	22.07 -0.46 0.00	22.13 -0.43 0.00	24.95 -0.49 0.00	24.96 -0.54 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.81 1.77 0.00	35.30 1.83 0.00	31.69 1.56 0.00	27.74 1.37 0.00	29.48 1.42 0.00	29.28 1.42 0.00	26.22 1.36 0.00	25.07 1.34 0.00	27.85 1.53 0.00	30.45 1.86 0.00	31.75 2.09 0.00	40.01 2.99 3.11	38.15 2.50 0.00	62.78 1.93 -35.26	204.90 1.09 -189.81	232.44 0.59 -224.28	163.01 0.41 -157.27	178.77 0.53 -171.38	78.76 1.20 -61.96	35.37 1.47 -14.01	26.89 1.60 -2.76	24.13 1.57 0.00	27.27 1.83 0.00	27.19 1.70 0.00
SWANROAD_115KV_TB1 355699	30.54 -1.50 0.00	31.78 -1.70 0.00	28.72 -1.41 0.00	25.15 -1.22 0.00	26.95 -1.11 0.00	26.76 -1.10 0.00	23.67 -1.20 0.00	22.14 -1.59 0.00	24.48 -1.84 0.00	26.89 -1.70 0.00	27.89 -1.77 0.00	36.30 -3.10 0.73	32.47 -3.15 0.03	22.93 -1.95 0.71	12.86 -1.14 0.01	6.97 -0.57 0.03	4.98 -0.35 0.00	6.45 -0.41 0.00	14.54 -1.07 0.00	18.64 -1.25 0.00	21.05 -1.48 0.00	21.04 -1.52 0.00	23.67 -1.78 0.00	23.59 -1.90 0.00
SYNERGY___BIOGAS 323694	31.72 -0.31 0.00	32.99 -0.49 0.00	29.75 -0.38 0.00	26.03 -0.34 0.00	27.84 -0.22 0.00	27.65 -0.20 0.00	24.48 -0.38 0.00	22.99 -0.74 0.00	25.45 -0.87 0.00	27.95 -0.63 0.00	28.92 -0.75 0.00	38.00 -1.63 0.51	33.87 -1.75 0.02	24.12 -0.98 0.49	13.40 -0.60 0.01	7.24 -0.31 0.02	5.17 -0.17 0.00	6.70 -0.16 0.00	15.15 -0.46 0.00	19.40 -0.49 0.00	21.90 -0.63 0.00	21.89 -0.67 0.00	24.57 -0.87 0.00	24.46 -1.03 0.00
SYRACUSE___ENERGY_ST1 323597	32.09 0.06 0.00	33.50 0.03 0.00	30.15 0.02 0.00	26.40 0.03 0.00	28.10 0.04 0.00	27.89 0.04 0.00	24.89 0.02 0.00	23.67 -0.06 0.00	26.25 -0.07 0.00	28.59 0.01 0.00	29.71 0.04 0.00	40.07 -0.06 0.00	35.51 -0.13 0.00	25.55 -0.05 0.00	13.96 -0.05 0.00	7.52 -0.04 0.00	5.31 -0.02 0.00	6.83 -0.03 0.00	15.54 -0.07 0.00	19.79 -0.10 0.00	22.30 -0.22 0.00	22.33 -0.23 0.00	25.17 -0.27 0.00	25.29 -0.20 0.00
SYRACUSE___ENERGY_ST2 323598	32.09 0.06 0.00	33.50 0.03 0.00	30.15 0.02 0.00	26.40 0.03 0.00	28.10 0.04 0.00	27.89 0.04 0.00	24.89 0.02 0.00	23.67 -0.06 0.00	26.25 -0.07 0.00	28.59 0.01 0.00	29.71 0.04 0.00	40.07 -0.06 0.00	35.51 -0.13 0.00	25.55 -0.05 0.00	13.96 -0.05 0.00	7.52 -0.04 0.00	5.31 -0.02 0.00	6.83 -0.03 0.00	15.54 -0.07 0.00	19.79 -0.10 0.00	22.30 -0.22 0.00	22.33 -0.23 0.00	25.17 -0.27 0.00	25.29 -0.20 0.00
SYRACUSE___POWER 24017	32.05 0.02 0.00	33.44 -0.03 0.00	30.10 -0.03 0.00	26.35 -0.02 0.00	28.06 0.01 0.00	27.85 -0.01 0.00	24.84 -0.03 0.00	23.63 -0.10 0.00	26.19 -0.13 0.00	28.57 -0.01 0.00	29.68 0.01 0.00	40.06 -0.07 0.00	35.49 -0.16 0.00	25.53 -0.06 0.00	13.95 -0.06 0.00	7.52 -0.05 0.00	5.30 -0.03 0.00	6.83 -0.03 0.00	15.53 -0.08 0.00	19.78 -0.12 0.00	22.31 -0.22 0.00	22.34 -0.22 0.00	25.18 -0.26 0.00	25.29 -0.20 0.00
TALLMAN___138KV_BK151 55660	34.05 2.02 0.00	35.56 2.08 0.00	31.90 1.77 0.00	27.91 1.54 0.00	29.67 1.61 0.00	29.47 1.62 0.00	26.40 1.54 0.00	25.23 1.50 0.00	28.04 1.72 0.00	30.68 2.10 0.00	32.01 2.35 0.00	39.24 3.33 4.22	38.46 2.82 0.00	66.90 2.15 -39.16	182.50 1.22 -167.27	179.63 0.67 -171.38	125.81 0.47 -120.01	137.33 0.60 -129.87	65.47 1.36 -48.50	37.53 1.67 -15.96	41.68 1.82 -17.33	29.25 1.79 -4.90	27.55 2.11 0.00	27.47 1.98 0.00
TEALLAVE_115KV_TB7 355573	31.96 -0.07 0.00	33.35 -0.13 0.00	30.01 -0.12 0.00	26.27 -0.09 0.00	27.98 -0.08 0.00	27.77 -0.08 0.00	24.77 -0.10 0.00	23.56 -0.17 0.00	26.11 -0.21 0.00	28.47 -0.11 0.00	29.56 -0.10 0.00	39.90 -0.22 0.00	35.34 -0.30 0.00	25.43 -0.16 0.00	13.90 -0.11 0.00	7.49 -0.08 0.00	5.29 -0.05 0.00	6.81 -0.06 0.00	15.47 -0.14 0.00	19.71 -0.19 0.00	22.25 -0.28 0.00	22.28 -0.28 0.00	25.11 -0.33 0.00	25.22 -0.27 0.00
TELGRAPH_34_KV_EAST 80808	30.97 -1.06 0.00	32.22 -1.26 0.00	29.09 -1.04 0.00	25.47 -0.90 0.00	27.27 -0.79 0.00	27.08 -0.77 0.00	23.96 -0.90 0.00	22.45 -1.28 0.00	24.85 -1.47 0.00	27.28 -1.30 0.00	28.29 -1.37 0.00	36.96 -2.53 0.64	33.00 -2.62 0.02	23.38 -1.59 0.62	13.05 -0.95 0.01	7.06 -0.48 0.02	5.05 -0.28 0.00	6.55 -0.32 0.00	14.75 -0.86 0.00	18.91 -0.98 0.00	21.35 -1.18 0.00	21.34 -1.22 0.00	23.99 -1.45 0.00	23.90 -1.59 0.00
TEMPLE___115KV_TB 2 55572	31.99 -0.05 0.00	33.37 -0.11 0.00	30.04 -0.09 0.00	26.29 -0.07 0.00	28.00 -0.06 0.00	27.78 -0.07 0.00	24.78 -0.09 0.00	23.57 -0.15 0.00	26.13 -0.20 0.00	28.49 -0.09 0.00	29.59 -0.07 0.00	39.93 -0.20 0.00	35.37 -0.27 0.00	25.45 -0.14 0.00	13.91 -0.10 0.00	7.50 -0.07 0.00	5.29 -0.05 0.00	6.81 -0.05 0.00	15.48 -0.13 0.00	19.72 -0.17 0.00	22.26 -0.27 0.00	22.29 -0.27 0.00	25.12 -0.32 0.00	25.23 -0.26 0.00
TIANA___69_KV_BK 1 55817	34.85 2.82 0.00	36.35 2.88 0.00	32.69 2.56 0.00	30.22 2.29 -1.56	30.42 2.36 0.00	30.15 2.30 0.00	33.68 2.26 -6.56	36.83 2.24 -10.86	36.95 2.59 -8.04	36.52 3.13 -4.81	38.60 3.44 -5.50	58.68 4.75 -13.81	91.77 4.20 -51.93	72.73 3.03 -44.11	148.86 1.53 -133.32	107.28 0.84 -98.87	74.83 0.61 -68.88	80.38 0.79 -72.72	46.79 1.71 -29.46	39.53 1.99 -17.64	59.04 2.11 -34.40	36.55 2.33 -11.66	28.40 2.96 0.00	29.46 2.82 -1.15
TILDEN___115KV_TB1 80814	32.05 0.02 0.00	33.44 -0.03 0.00	30.10 -0.03 0.00	26.35 -0.02 0.00	28.06 0.01 0.00	27.85 -0.01 0.00	24.84 -0.03 0.00	23.63 -0.10 0.00	26.19 -0.13 0.00	28.57 -0.01 0.00	29.68 0.01 0.00	40.06 -0.07 0.00	35.49 -0.16 0.00	25.53 -0.06 0.00	13.95 -0.06 0.00	7.52 -0.05 0.00	5.30 -0.03 0.00	6.83 -0.03 0.00	15.53 -0.08 0.00	19.78 -0.12 0.00	22.31 -0.22 0.00	22.34 -0.22 0.00	25.18 -0.26 0.00	25.29 -0.20 0.00
TRIGEN___CC 323695	34.61 2.57 0.00	36.13 2.66 0.00	32.46 2.33 0.00	29.99 2.06 -1.56	30.20 2.14 0.00	29.95 2.10 0.00	33.44 2.02 -6.56	36.58 1.99 -10.86	36.62 2.26 -8.04	36.09 2.70 -4.81	38.13 2.96 -5.50	58.03 4.09 -13.81	91.12 3.55 -51.93	72.26 2.56 -44.11	148.72 1.40 -133.32	108.45 0.76 -100.12	76.45 0.53 -70.58	82.40 0.67 -74.87	47.77 1.49 -30.66	40.20 1.79 -18.52	60.98 1.93 -36.52	36.83 2.02 -12.26	27.99 2.54 0.00	29.06 2.41 -1.15

TRINITY__115KV__4 BK 55933	32.67 0.63 0.00	34.26 0.78 0.00	31.02 0.89 0.00	27.22 0.85 0.00	28.89 0.83 0.00	28.69 0.84 0.00	25.68 0.82 0.00	24.53 0.81 0.00	27.08 0.76 0.00	29.36 0.77 0.00	30.53 0.87 0.00	42.01 1.38 -0.50	36.79 1.14 0.00	30.94 0.83 -4.51	38.56 0.51 -24.04	36.26 0.29 -28.40	25.47 0.20 -19.94	28.84 0.25 -21.73	24.00 0.53 -7.86	22.31 0.64 -1.78	23.62 0.74 -0.35	23.25 0.69 0.00	26.13 0.69 0.00	26.20 0.71 0.00
UNION__PROCESSING_DRP 323587	31.48 -0.56 0.00	32.84 -0.64 0.00	29.60 -0.53 0.00	25.90 -0.47 0.00	27.66 -0.40 0.00	27.45 -0.41 0.00	24.36 -0.50 0.00	23.01 -0.71 0.00	25.54 -0.78 0.00	28.00 -0.58 0.00	29.07 -0.59 0.00	38.91 -1.22 0.00	34.32 -1.32 0.00	24.80 -0.79 0.00	13.53 -0.48 0.00	7.31 -0.25 0.00	5.19 -0.14 0.00	6.71 -0.15 0.00	15.19 -0.42 0.00	19.40 -0.49 0.00	21.88 -0.64 0.00	21.86 -0.69 0.00	24.60 -0.85 0.00	24.56 -0.93 0.00
UPPER HUDSON__HYD 24058	34.40 2.37 0.00	35.94 2.47 0.00	32.30 2.17 0.00	28.36 1.99 0.00	30.12 2.07 0.00	29.92 2.07 0.00	26.76 1.90 0.00	25.62 1.89 0.00	28.53 2.20 0.00	30.87 2.29 0.00	31.94 2.27 0.00	43.75 3.16 -0.46	38.05 2.41 0.00	31.34 1.64 -4.11	36.75 0.83 -21.91	33.90 0.44 -25.89	23.82 0.31 -18.17	27.09 0.42 -19.81	23.83 1.06 -7.16	22.85 1.34 -1.62	24.39 1.54 -0.32	24.06 1.50 0.00	27.33 1.88 0.00	27.53 2.03 0.00
UPPER RAQUET__HYD 24056	31.07 -0.96 0.00	32.42 -1.06 0.00	29.10 -1.03 0.00	25.42 -0.95 0.00	27.13 -0.93 0.00	26.93 -0.93 0.00	24.02 -0.85 0.00	22.86 -0.86 0.00	25.38 -0.94 0.00	27.36 -1.22 0.00	28.13 -1.54 0.00	37.98 -2.15 0.00	34.23 -1.41 0.00	24.45 -1.14 0.00	13.37 -0.64 0.00	7.21 -0.36 0.00	5.09 -0.25 0.00	6.57 -0.29 0.00	15.06 -0.55 0.00	19.24 -0.65 0.00	22.01 -0.52 0.00	22.08 -0.48 0.00	24.81 -0.63 0.00	24.80 -0.69 0.00
VALLEY44_115KV_TB2 355964	31.30 -0.73 0.00	32.61 -0.87 0.00	29.35 -0.78 0.00	25.71 -0.66 0.00	27.53 -0.53 0.00	27.41 -0.44 0.00	24.29 -0.58 0.00	23.13 -0.60 0.00	25.71 -0.61 0.00	28.28 -0.30 0.00	29.18 -0.48 0.00	38.46 -1.24 0.43	33.95 -1.68 0.02	24.30 -0.87 0.42	13.42 -0.58 0.01	7.21 -0.34 0.02	5.12 -0.21 0.00	6.60 -0.26 0.00	14.92 -0.69 0.00	19.12 -0.77 0.00	21.60 -0.92 0.00	21.59 -0.97 0.00	24.58 -0.87 0.00	24.52 -0.97 0.00
VALLEY__115KV_TB 1-4 80826	32.23 0.19 0.00	33.78 0.30 0.00	30.44 0.31 0.00	26.56 0.19 0.00	28.44 0.38 0.00	28.27 0.42 0.00	25.19 0.33 0.00	24.07 0.34 0.00	26.76 0.43 0.00	28.96 0.38 0.00	30.15 0.48 0.00	40.85 0.72 0.00	36.07 0.43 0.00	25.85 0.26 0.00	14.15 0.14 0.00	7.60 0.04 0.00	5.37 0.03 0.00	6.92 0.06 0.00	15.72 0.11 0.00	20.12 0.22 0.00	22.86 0.33 0.00	22.84 0.28 0.00	25.70 0.26 0.00	25.68 0.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.34 1.30 0.00	34.77 1.30 0.00	31.25 1.12 0.00	27.35 0.99 0.00	29.13 1.07 0.00	28.92 1.07 0.00	25.85 0.98 0.00	24.70 0.98 0.00	27.51 1.19 0.00	30.00 1.42 0.00	31.21 1.54 0.00	42.28 2.15 0.00	37.38 1.74 0.00	26.91 1.32 0.00	14.69 0.69 0.00	7.94 0.37 0.00	5.60 0.27 0.00	7.22 0.36 0.00	16.42 0.81 0.00	20.91 1.02 0.00	23.49 0.96 0.00	23.66 1.10 0.00	26.67 1.22 0.00	26.59 1.10 0.00
VISCHER__FERRY HYD 24020	33.22 1.18 0.00	34.85 1.38 0.00	31.41 1.27 0.00	27.57 1.20 0.00	29.27 1.21 0.00	29.08 1.23 0.00	25.98 1.11 0.00	24.83 1.11 0.00	27.52 1.20 0.00	29.86 1.28 0.00	31.00 1.34 0.00	42.67 2.04 -0.51	37.33 1.69 0.00	31.28 1.21 -4.47	38.55 0.72 -23.82	36.11 0.40 -28.15	25.37 0.27 -19.76	28.75 0.35 -21.54	24.16 0.77 -7.78	22.60 0.95 -1.76	23.99 1.12 -0.35	23.64 1.08 0.00	26.58 1.13 0.00	26.66 1.17 0.00
V_A_10_SYNC_DSASP 323832	30.59 -1.45 0.00	31.87 -1.61 0.00	28.77 -1.36 0.00	25.20 -1.17 0.00	26.97 -1.09 0.00	26.79 -1.07 0.00	23.73 -1.14 0.00	22.31 -1.42 0.00	24.74 -1.59 0.00	27.15 -1.43 0.00	28.17 -1.50 0.00	37.00 -2.61 0.51	32.97 -2.65 0.02	23.46 -1.64 0.50	13.06 -0.94 0.01	7.06 -0.49 0.02	5.04 -0.30 0.00	6.51 -0.35 0.00	14.70 -0.91 0.00	18.82 -1.08 0.00	21.24 -1.28 0.00	21.24 -1.32 0.00	23.92 -1.52 0.00	23.86 -1.64 0.00
V_CMM_10_SYNC_DSASP 323787	31.45 -0.59 0.00	32.81 -0.67 0.00	29.48 -0.65 0.00	25.75 -0.62 0.00	27.44 -0.62 0.00	27.22 -0.63 0.00	24.29 -0.58 0.00	23.21 -0.51 0.00	25.77 -0.55 0.00	27.85 -0.73 0.00	28.80 -0.86 0.00	38.91 -1.22 0.00	34.89 -0.75 0.00	24.95 -0.64 0.00	13.66 -0.35 0.00	7.37 -0.20 0.00	5.19 -0.14 0.00	6.70 -0.17 0.00	15.28 -0.33 0.00	19.50 -0.40 0.00	22.14 -0.38 0.00	22.20 -0.35 0.00	25.03 -0.42 0.00	25.03 -0.46 0.00
V_CMP_10_SYNC_DSASP 323788	31.21 -0.82 0.00	32.87 -0.60 0.00	29.48 -0.65 0.00	25.64 -0.73 0.00	27.59 -0.47 0.00	27.51 -0.34 0.00	24.44 -0.43 0.00	23.36 -0.36 0.00	25.89 -0.43 0.00	27.70 -0.88 0.00	28.65 -1.02 0.00	38.27 -1.86 0.00	34.78 -0.87 0.00	24.81 -0.78 0.00	13.64 -0.37 0.00	7.35 -0.21 0.00	5.21 -0.13 0.00	6.76 -0.10 0.00	15.59 -0.02 0.00	19.90 0.01 0.00	22.64 0.11 0.00	22.66 0.10 0.00	25.39 -0.05 0.00	25.51 0.02 0.00
V_D_10_SYNC_DSASP 323841	31.60 -0.43 0.00	32.96 -0.52 0.00	29.61 -0.52 0.00	25.86 -0.51 0.00	27.57 -0.49 0.00	27.35 -0.50 0.00	24.39 -0.47 0.00	23.31 -0.42 0.00	25.86 -0.46 0.00	27.94 -0.65 0.00	28.86 -0.80 0.00	38.98 -1.15 0.00	34.99 -0.66 0.00	25.02 -0.57 0.00	13.69 -0.31 0.00	7.39 -0.18 0.00	5.21 -0.13 0.00	6.72 -0.15 0.00	15.34 -0.28 0.00	19.57 -0.32 0.00	22.26 -0.27 0.00	22.32 -0.24 0.00	25.16 -0.29 0.00	25.15 -0.35 0.00
V_E_10_SYNC_DSASP 323830	33.23 1.19 0.00	34.63 1.15 0.00	31.22 1.09 0.00	27.50 1.13 0.00	29.39 1.33 0.00	29.30 1.45 0.00	26.05 1.19 0.00	24.97 1.25 0.00	27.82 1.49 0.00	30.20 1.62 0.00	31.30 1.64 0.00	42.51 2.22 -0.16	37.68 2.03 0.00	27.19 1.45 -0.15	14.47 0.46 0.00	7.79 0.21 0.00	5.47 0.14 0.00	7.14 0.28 0.00	16.22 0.61 0.00	20.98 1.09 0.00	23.65 1.12 0.00	23.84 1.28 0.00	26.68 1.24 0.00	26.44 0.94 0.00
V_F_30_NSYNC__DSASP 323816	33.90 1.86 0.00	35.46 1.99 0.00	31.90 1.77 0.00	27.98 1.61 0.00	29.74 1.68 0.00	29.54 1.69 0.00	26.38 1.52 0.00	25.23 1.50 0.00	28.05 1.73 0.00	30.38 1.80 0.00	31.53 1.87 0.00	43.33 2.73 -0.47	37.89 2.24 0.00	31.37 1.61 -4.16	37.08 0.89 -22.18	34.26 0.48 -26.21	24.07 0.34 -18.40	27.36 0.44 -20.05	23.91 1.05 -7.25	22.83 1.29 -1.64	24.34 1.49 -0.32	23.99 1.43 0.00	27.03 1.59 0.00	27.10 1.61 0.00
V_F_30_SYNC_DSASP 323786	32.82 0.79 0.00	34.41 0.93 0.00	31.15 1.02 0.00	27.33 0.96 0.00	29.01 0.95 0.00	28.82 0.96 0.00	25.79 0.92 0.00	24.63 0.91 0.00	27.19 0.87 0.00	29.48 0.90 0.00	30.68 1.01 0.00	42.22 1.59 -0.49	36.99 1.34 0.00	31.00 0.98 -4.43	38.19 0.59 -23.59	35.77 0.33 -27.87	25.13 0.22 -19.57	28.48 0.29 -21.32	23.94 0.62 -7.71	22.38 0.75 -1.74	23.72 0.85 -0.34	23.35 0.80 0.00	26.24 0.80 0.00	26.30 0.81 0.00

V_XM10_SYNC_DSASP 323789	31.21 -0.82 0.00	32.87 -0.60 0.00	29.48 -0.65 0.00	25.64 -0.73 0.00	27.59 -0.47 0.00	27.51 -0.34 0.00	24.44 -0.43 0.00	23.36 -0.36 0.00	25.89 -0.43 0.00	27.70 -0.88 0.00	28.65 -1.02 0.00	38.27 -1.86 0.00	34.78 -0.87 0.00	24.81 -0.78 0.00	13.64 -0.37 0.00	7.35 -0.21 0.00	5.21 -0.13 0.00	6.76 -0.10 0.00	15.59 -0.02 0.00	19.90 0.01 0.00	22.64 0.11 0.00	22.66 0.10 0.00	25.39 -0.05 0.00	25.51 0.02 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.18 2.14 0.00	35.68 2.20 0.00	32.01 1.88 0.00	28.01 1.64 0.00	29.77 1.71 0.00	29.57 1.72 0.00	26.50 1.63 0.00	25.32 1.60 0.00	28.15 1.82 0.00	30.80 2.22 0.00	32.15 2.49 0.00	39.15 3.52 4.50	38.64 2.99 0.00	81.79 2.28 -53.91	196.13 1.29 -180.84	156.72 0.71 -148.44	109.61 0.49 -103.78	118.32 0.63 -110.83	60.99 1.43 -43.94	44.09 1.77 -22.43	64.32 1.92 -39.86	36.69 1.89 -12.24	27.66 2.22 0.00	27.56 2.07 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.37 2.34 0.00	35.85 2.37 0.00	32.18 2.05 0.00	28.14 1.78 0.00	29.93 1.87 0.00	29.72 1.87 0.00	26.64 1.78 0.00	25.50 1.78 0.00	28.35 2.03 0.00	31.03 2.45 0.00	32.38 2.72 0.00	46.96 3.81 -3.02	38.87 3.23 0.00	71.02 2.37 -43.06	148.25 1.32 -132.92	108.01 0.72 -99.71	76.13 0.50 -70.29	82.05 0.63 -74.55	47.62 1.46 -30.55	40.20 1.83 -18.48	61.01 2.01 -36.48	35.91 2.00 -11.34	27.81 2.36 0.00	27.68 2.19 0.00
W50THST__13_KV_LOAD 356117	34.51 2.47 0.00	36.00 2.52 0.00	32.31 2.18 0.00	28.27 1.90 0.00	30.06 2.00 0.00	29.86 2.00 0.00	26.77 1.91 0.00	25.64 1.91 0.00	28.51 2.19 0.00	31.23 2.64 0.00	32.59 2.93 0.00	47.26 4.11 -3.02	39.12 3.48 0.00	71.21 2.55 -43.06	148.35 1.42 -132.92	108.06 0.78 -99.71	76.17 0.54 -70.29	82.09 0.68 -74.55	47.71 1.56 -30.55	40.32 1.95 -18.48	61.16 2.16 -36.48	36.05 2.15 -11.34	27.93 2.48 0.00	27.81 2.31 0.00
WADING RIVER_IC_1 23522	34.49 2.45 0.00	35.99 2.51 0.00	32.37 2.24 0.00	29.95 2.02 -1.56	30.14 2.08 0.00	29.87 2.02 0.00	33.41 1.99 -6.56	36.57 1.98 -10.86	36.63 2.28 -8.04	36.12 2.72 -4.81	38.17 3.00 -5.50	58.08 4.14 -13.81	91.26 3.68 -51.93	72.38 2.67 -44.11	148.68 1.36 -133.32	107.18 0.73 -98.89	74.77 0.53 -68.91	80.29 0.68 -72.75	46.54 1.45 -29.48	39.23 1.69 -17.65	58.74 1.79 -34.43	36.23 2.00 -11.67	28.05 2.61 0.00	29.13 2.49 -1.16
WADING RIVER_IC_2 23547	34.49 2.45 0.00	35.99 2.51 0.00	32.37 2.24 0.00	29.95 2.02 -1.56	30.14 2.08 0.00	29.87 2.02 0.00	33.41 1.99 -6.56	36.57 1.98 -10.86	36.63 2.28 -8.04	36.12 2.72 -4.81	38.17 3.00 -5.50	58.08 4.14 -13.81	91.26 3.68 -51.93	72.38 2.67 -44.11	148.68 1.36 -133.32	107.18 0.73 -98.89	74.77 0.53 -68.91	80.29 0.68 -72.75	46.54 1.45 -29.48	39.23 1.69 -17.65	58.74 1.79 -34.43	36.23 2.00 -11.67	28.05 2.61 0.00	29.13 2.49 -1.16
WADING RIVER_IC_3 23601	34.49 2.45 0.00	35.99 2.51 0.00	32.37 2.24 0.00	29.95 2.02 -1.56	30.14 2.08 0.00	29.87 2.02 0.00	33.41 1.99 -6.56	36.57 1.98 -10.86	36.63 2.28 -8.04	36.12 2.72 -4.81	38.17 3.00 -5.50	58.08 4.14 -13.81	91.26 3.68 -51.93	72.38 2.67 -44.11	148.68 1.36 -133.32	107.18 0.73 -98.89	74.77 0.53 -68.91	80.29 0.68 -72.75	46.54 1.45 -29.48	39.23 1.69 -17.65	58.74 1.79 -34.43	36.23 2.00 -11.67	28.05 2.61 0.00	29.13 2.49 -1.16
WALDENNY_12_KV_BK2 80841	30.82 -1.21 0.00	32.06 -1.42 0.00	28.93 -1.20 0.00	25.35 -1.02 0.00	27.16 -0.90 0.00	27.01 -0.84 0.00	23.92 -0.94 0.00	22.52 -1.21 0.00	24.97 -1.35 0.00	27.44 -1.14 0.00	28.47 -1.19 0.00	36.80 -2.31 1.02	33.12 -2.49 0.04	23.09 -1.51 0.99	13.08 -0.91 0.02	7.06 -0.46 0.04	5.05 -0.28 0.00	6.54 -0.33 0.00	14.74 -0.87 0.00	18.91 -0.99 0.00	21.36 -1.17 0.00	21.34 -1.22 0.00	24.06 -1.38 0.00	23.99 -1.51 0.00
WALDEN__HYDRO 24148	33.99 1.96 0.00	35.47 2.00 0.00	31.84 1.71 0.00	27.88 1.51 0.00	29.62 1.56 0.00	29.42 1.57 0.00	26.36 1.49 0.00	25.20 1.47 0.00	28.01 1.69 0.00	30.62 2.04 0.00	31.95 2.29 0.00	42.50 3.27 0.90	38.43 2.78 0.00	32.43 2.08 -4.76	40.92 1.16 -25.75	38.63 0.64 -30.43	27.12 0.44 -21.34	30.69 0.57 -23.26	25.30 1.28 -8.41	23.38 1.59 -1.90	24.64 1.74 -0.37	24.27 1.71 0.00	27.40 1.96 0.00	27.31 1.82 0.00
WARRENSBURG____ 23737	34.40 2.37 0.00	35.94 2.47 0.00	32.30 2.17 0.00	28.36 1.99 0.00	30.12 2.07 0.00	29.92 2.07 0.00	26.76 1.90 0.00	25.62 1.89 0.00	28.53 2.20 0.00	30.87 2.29 0.00	31.94 2.27 0.00	43.75 3.16 -0.46	38.05 2.41 0.00	31.34 1.64 -4.11	36.75 0.83 -21.91	33.90 0.44 -25.89	23.82 0.31 -18.17	27.09 0.42 -19.81	23.83 1.06 -7.16	22.85 1.34 -1.62	24.39 1.54 -0.32	24.06 1.50 0.00	27.33 1.88 0.00	27.53 2.03 0.00
WATERSIDE____6 8 9 23538	34.45 2.42 0.00	35.94 2.46 0.00	32.26 2.12 0.00	28.22 1.86 0.00	30.00 1.94 0.00	29.79 1.93 0.00	26.71 1.85 0.00	25.56 1.83 0.00	28.41 2.08 0.00	31.11 2.53 0.00	32.45 2.79 0.00	47.03 3.88 -3.02	38.97 3.33 0.00	71.07 2.42 -43.06	148.24 1.35 -132.89	107.99 0.74 -99.69	76.12 0.51 -70.27	82.06 0.66 -74.54	47.66 1.51 -30.54	40.26 1.89 -18.48	61.08 2.08 -36.48	35.21 2.07 -10.58	27.92 2.47 0.00	27.79 2.29 0.00
WATKINRD_115KV_LN8_ILLION 55919	32.28 0.25 0.00	33.80 0.32 0.00	30.46 0.33 0.00	26.65 0.28 0.00	28.40 0.34 0.00	28.22 0.37 0.00	25.17 0.31 0.00	24.05 0.32 0.00	26.68 0.36 0.00	28.92 0.33 0.00	30.07 0.40 0.00	40.75 0.62 0.00	36.08 0.44 0.00	25.90 0.31 0.00	14.20 0.19 0.00	7.65 0.08 0.00	5.40 0.06 0.00	6.94 0.08 0.00	15.79 0.18 0.00	20.17 0.27 0.00	22.87 0.34 0.00	22.88 0.31 0.00	25.76 0.31 0.00	25.77 0.27 0.00
WATSON__69_KV_BK 1 55734	35.14 3.11 0.00	36.68 3.20 0.00	33.00 2.87 0.00	30.48 2.55 -1.56	30.70 2.64 0.00	30.43 2.58 0.00	33.90 2.48 -6.56	37.02 2.43 -10.86	37.12 2.76 -8.04	36.63 3.24 -4.81	38.70 3.53 -5.50	58.76 4.82 -13.81	91.93 4.35 -51.93	72.84 3.14 -44.11	148.96 1.63 -133.32	107.26 0.87 -98.81	74.76 0.61 -68.81	80.28 0.79 -72.62	46.78 1.76 -29.41	39.57 2.07 -17.60	59.03 2.20 -34.31	36.57 2.37 -11.63	28.48 3.04 0.00	29.58 2.93 -1.15
WDELAWARE__HYD 323627	33.10 1.06 0.00	34.51 1.03 0.00	30.94 0.81 0.00	27.07 0.70 0.00	28.75 0.70 0.00	28.55 0.70 0.00	25.58 0.72 0.00	24.46 0.73 0.00	27.25 0.93 0.00	29.77 1.19 0.00	31.12 1.46 0.00	41.67 2.17 0.63	37.33 1.69 0.00	26.20 0.62 0.00	14.35 0.34 0.00	7.77 0.21 0.00	5.48 0.15 0.00	7.08 0.22 0.00	16.09 0.47 0.00	20.45 0.56 0.00	23.17 0.64 0.00	23.62 1.07 0.00	26.68 1.23 0.00	26.55 1.06 0.00
WEST BABYLON__IC 23714	35.06 3.02 0.00	36.61 3.13 0.00	32.91 2.78 0.00	30.38 2.46 -1.56	30.62 2.56 0.00	30.33 2.48 0.00	33.81 2.40 -6.56	36.94 2.35 -10.86	37.02 2.66 -8.04	36.52 3.13 -4.81	38.59 3.42 -5.50	58.61 4.67 -13.81	91.78 4.21 -51.93	72.71 3.01 -44.11	148.91 1.58 -133.32	107.84 0.85 -99.42	75.57 0.60 -69.64	81.31 0.78 -73.67	47.32 1.71 -30.00	39.95 2.02 -18.03	60.03 2.16 -35.34	36.81 2.33 -11.93	28.41 2.97 0.00	29.50 2.85 -1.15

WEST CANADA___HYD 24049	32.23 0.19 0.00	33.69 0.21 0.00	30.32 0.19 0.00	26.56 0.19 0.00	28.26 0.19 0.00	28.05 0.19 0.00	25.04 0.17 0.00	23.90 0.17 0.00	26.50 0.18 0.00	28.78 0.20 0.00	29.90 0.24 0.00	40.45 0.32 0.00	35.89 0.25 0.00	25.79 0.20 0.00	14.12 0.11 0.00	7.63 0.06 0.00	5.37 0.04 0.00	6.91 0.05 0.00	15.72 0.11 0.00	20.03 0.14 0.00	22.70 0.17 0.00	22.72 0.16 0.00	25.62 0.17 0.00	25.67 0.18 0.00
WESTERN_NY_WIND 24143	31.66 -0.37 0.00	32.94 -0.54 0.00	29.70 -0.43 0.00	25.99 -0.38 0.00	27.81 -0.25 0.00	27.61 -0.24 0.00	24.44 -0.43 0.00	22.95 -0.78 0.00	25.41 -0.92 0.00	27.90 -0.68 0.00	28.86 -0.81 0.55	37.87 -1.71 0.02	33.79 -1.84 0.53	24.00 -1.06 0.01	13.34 -0.65 0.02	7.21 -0.34 0.00	5.15 -0.18 0.00	6.68 -0.18 0.00	15.10 -0.51 0.00	19.35 -0.55 0.00	21.84 -0.68 0.00	21.83 -0.73 0.00	24.52 -0.92 0.00	24.42 -1.08 0.00
WESTOVER___LESR 323668	32.21 0.17 0.00	33.55 0.07 0.00	30.17 0.04 0.00	26.48 0.11 0.00	28.22 0.17 0.00	28.03 0.18 0.00	24.98 0.12 0.00	23.89 0.16 0.00	26.54 0.22 0.00	28.98 0.39 0.00	30.07 0.40 0.00	40.55 0.42 0.00	35.82 0.18 0.00	25.87 0.28 0.00	14.10 0.08 0.00	7.60 0.03 0.00	5.36 0.02 0.00	6.90 0.04 0.00	15.67 0.06 0.00	20.01 0.11 0.00	22.57 0.05 0.00	22.57 0.01 0.00	25.53 0.09 0.00	25.54 0.05 0.00
WETHRSFD_WT_PWR 323626	30.37 -1.67 0.00	31.58 -1.89 0.00	28.54 -1.59 0.00	25.09 -1.28 0.00	26.95 -1.12 0.00	26.71 -1.14 0.00	23.85 -1.02 0.00	22.66 -1.06 0.00	25.17 -1.16 0.00	27.56 -1.03 0.00	28.53 -1.13 0.00	34.09 -2.41 3.63	32.84 -2.68 0.12	20.32 -1.76 3.51	12.88 -1.06 0.07	6.85 -0.58 0.13	4.96 -0.38 0.00	6.42 -0.44 0.00	14.58 -1.03 0.00	18.78 -1.11 0.00	21.24 -1.29 0.00	21.19 -1.37 0.00	23.97 -1.47 0.00	24.00 -1.49 0.00
WHAVSTOR_138KV_BK127 55557	34.01 1.97 0.00	35.51 2.03 0.00	31.86 1.73 0.00	27.88 1.52 0.00	29.64 1.58 0.00	29.44 1.59 0.00	26.37 1.51 0.00	25.20 1.48 0.00	28.01 1.69 0.00	30.64 2.06 0.00	31.96 2.29 0.00	38.82 3.25 4.56	38.39 2.75 0.00	84.68 2.09 -57.00	199.61 1.19 -184.42	153.20 0.66 -144.98	107.12 0.46 -101.32	115.33 0.58 -107.88	60.27 1.33 -43.34	45.30 1.63 -23.77	68.64 1.78 -44.33	38.00 1.75 -13.69	27.51 2.07 0.00	27.43 1.93 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.01 1.97 0.00	35.51 2.03 0.00	31.86 1.73 0.00	27.88 1.52 0.00	29.64 1.58 0.00	29.44 1.59 0.00	26.37 1.51 0.00	25.20 1.48 0.00	28.01 1.69 0.00	30.64 2.06 0.00	31.96 2.29 0.00	38.82 3.25 4.56	38.39 2.75 0.00	84.68 2.09 -57.00	199.61 1.19 -184.42	153.20 0.66 -144.98	107.12 0.46 -101.32	115.33 0.58 -107.88	60.27 1.33 -43.34	45.30 1.63 -23.77	68.64 1.78 -44.33	38.00 1.75 -13.69	27.51 2.07 0.00	27.43 1.93 0.00
WHITEHAL_115KV_TB1 80871	35.20 3.16 0.00	36.77 3.29 0.00	32.94 2.81 0.00	29.04 2.67 0.00	30.81 2.75 0.00	30.62 2.76 0.00	27.45 2.58 0.00	26.29 2.56 0.00	29.20 2.88 0.00	31.53 2.95 0.00	32.79 3.13 0.00	44.81 4.21 -0.46	39.35 3.70 0.00	32.19 2.46 -4.13	37.38 1.34 -22.03	34.34 0.75 -26.02	24.14 0.54 -18.27	27.45 0.68 -19.91	24.38 1.57 -7.20	23.56 2.04 -1.63	25.00 2.15 -0.32	24.67 2.12 0.00	27.78 2.34 0.00	28.24 2.74 0.00
WHITEPLN_13_KV_LOAD 356215	34.54 2.51 0.00	36.04 2.57 0.00	32.34 2.21 0.00	28.30 1.93 0.00	30.07 2.01 0.00	29.87 2.02 0.00	26.76 1.90 0.00	25.61 1.88 0.00	28.48 2.16 0.00	31.20 2.61 0.00	32.57 2.91 0.00	47.47 4.12 -3.22	39.18 3.54 0.00	72.22 2.63 -44.00	152.54 1.48 -137.05	112.19 0.82 -103.81	78.51 0.57 -72.61	84.58 0.71 -77.01	48.70 1.61 -31.47	40.70 2.00 -18.82	61.62 2.20 -36.90	36.20 2.17 -11.46	27.98 2.54 0.00	27.86 2.36 0.00
WM_FLOYD_69_KV_BK2 356380	34.82 2.78 0.00	36.35 2.87 0.00	32.70 2.57 0.00	30.23 2.31 -1.56	30.44 2.39 0.00	30.17 2.32 0.00	33.68 2.26 -6.56	36.81 2.22 -10.86	36.89 2.54 -8.04	36.40 3.01 -4.81	38.45 3.29 -5.50	58.41 4.47 -13.81	91.56 3.99 -51.93	72.62 2.92 -44.11	148.82 1.50 -133.32	107.15 0.79 -98.79	74.69 0.58 -68.77	80.19 0.75 -72.58	46.63 1.63 -29.39	39.39 1.91 -17.58	58.82 2.03 -34.27	36.41 2.23 -11.62	28.30 2.86 0.00	29.38 2.74 -1.15
WOODARD__115KV_TB2 355635	31.91 -0.12 0.00	33.31 -0.17 0.00	29.98 -0.15 0.00	26.24 -0.13 0.00	27.94 -0.12 0.00	27.73 -0.12 0.00	24.73 -0.13 0.00	23.53 -0.20 0.00	26.07 -0.25 0.00	28.42 -0.17 0.00	29.51 -0.16 0.00	39.83 -0.30 0.00	35.29 -0.35 0.00	25.38 -0.21 0.00	13.87 -0.13 0.00	7.48 -0.09 0.00	5.28 -0.06 0.00	6.79 -0.07 0.00	15.44 -0.17 0.00	19.68 -0.21 0.00	22.22 -0.31 0.00	22.25 -0.31 0.00	25.07 -0.37 0.00	25.18 -0.31 0.00
YORK___WARBASSE 23770	34.58 2.54 0.00	36.06 2.58 0.00	32.36 2.23 0.00	28.31 1.94 0.00	30.09 2.03 0.00	29.88 2.02 0.00	26.78 1.92 0.00	25.61 1.88 0.00	28.45 2.13 0.00	31.21 2.63 0.00	32.57 2.90 0.00	47.14 3.99 -3.02	39.09 3.45 0.00	71.11 2.47 -43.06	148.24 1.34 -132.89	107.99 0.73 -99.69	76.12 0.51 -70.27	82.08 0.68 -74.54	47.72 1.57 -30.54	40.35 1.98 -18.48	61.16 2.16 -36.48	39.80 2.16 -15.08	28.02 2.57 -0.01	27.89 2.40 0.00