

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								10/07/2024		
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	EDT			
24138		25.88	24.21	23.15	22.17	22.59	26.51	33.79	41.21	41.50	36.63	35.16	34.91	34.74	35.24	35.76	36.70	40.50	46.46	50.17	52.06	43.21	37.62	32.73	27.07			
		1.96	1.65	1.47	1.37	1.42	1.55	2.09	2.58	2.71	2.36	2.51	2.59	2.63	2.67	2.74	2.78	3.10	3.40	3.76	3.90	2.90	2.63	2.11	1.65			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1		25.95	24.25	23.19	22.24	22.61	26.56	33.88	41.21	41.46	36.67	35.19	34.94	34.80	35.33	35.83	36.77	40.58	46.55	50.26	52.11	43.29	37.73	32.82	27.18			
24260		2.03	1.69	1.52	1.44	1.44	1.60	2.19	2.58	2.68	2.40	2.55	2.62	2.70	2.77	2.81	2.85	3.18	3.49	3.85	3.95	2.98	2.73	2.20	1.75			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2		25.95	24.25	23.19	22.24	22.61	26.56	33.88	41.21	41.46	36.67	35.19	34.94	34.80	35.33	35.83	36.77	40.58	46.55	50.26	52.11	43.29	37.73	32.82	27.18			
24261		2.03	1.69	1.52	1.44	1.44	1.60	2.19	2.58	2.68	2.40	2.55	2.62	2.70	2.77	2.81	2.85	3.18	3.49	3.85	3.95	2.98	2.73	2.20	1.75			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS		25.67	24.23	23.17	22.22	22.55	26.64	33.91	43.13	44.97	42.96	40.33	39.83	39.28	38.11	38.16	39.31	46.26	57.54	61.39	56.41	46.89	40.88	32.80	27.15			
24011		1.75	1.67	1.50	1.41	1.38	1.67	2.22	2.81	2.75	2.36	2.09	2.07	2.05	1.99	2.15	2.27	2.39	3.32	3.90	4.05	3.10	2.76	2.17	1.73			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.86	-3.43	-6.33	-5.60	-5.44	-5.12	-3.56	-2.99	-3.12	-6.47	-11.16	-11.08	-4.21	-3.48	-3.12	-0.01	0.00			
ADK RESOURCE___RCVRY		25.74	24.32	23.25	22.28	22.61	26.71	34.10	43.34	45.09	42.94	40.31	39.79	39.28	38.13	38.19	39.41	46.21	57.44	61.32	56.62	47.02	40.92	32.95	27.28			
23798		1.82	1.76	1.58	1.48	1.44	1.75	2.41	3.08	2.99	2.54	2.25	2.20	2.21	2.12	2.28	2.47	2.54	3.57	4.18	4.38	3.34	2.90	2.33	1.85			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.80	-3.32	-6.13	-5.42	-5.27	-4.96	-3.45	-2.90	-3.02	-6.27	-10.81	-10.73	-4.08	-3.37	-3.02	-0.01	0.00			
ADK S GLENS___FALLS		25.67	24.23	23.17	22.22	22.55	26.64	33.91	43.13	44.97	42.96	40.33	39.83	39.28	38.11	38.16	39.31	46.26	57.54	61.39	56.41	46.89	40.88	32.80	27.15			
24028		1.75	1.67	1.50	1.41	1.38	1.67	2.22	2.81	2.75	2.36	2.09	2.07	2.05	1.99	2.15	2.27	2.39	3.32	3.90	4.05	3.10	2.76	2.17	1.73			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.86	-3.43	-6.33	-5.60	-5.44	-5.12	-3.56	-2.99	-3.12	-6.47	-11.16	-11.08	-4.21	-3.48	-3.12	-0.01	0.00			
ADK_NYS___DAM		25.59	24.07	23.08	22.13	22.53	26.46	33.47	43.72	46.40	45.95	43.21	42.67	41.97	40.10	39.78	40.96	49.71	62.67	66.27	57.93	48.26	42.08	32.71	26.82			
23527		1.67	1.51	1.41	1.33	1.36	1.50	1.77	2.50	2.52	2.26	2.25	2.26	2.25	2.25	2.31	2.41	2.69	3.01	3.39	3.51	2.78	2.45	2.08	1.40			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.75	-5.10	-9.42	-8.32	-8.08	-7.62	-5.29	-4.45	-4.64	-9.62	-16.60	-16.47	-6.26	-5.17	-4.64	-0.01	0.00			
AIR_PRODUCTS___DRP		24.45	23.04	22.08	21.20	21.53	25.34	32.11	35.74	33.07	23.14	22.89	22.89	23.25	26.57	28.15	28.86	26.16	23.25	26.97	41.53	34.69	30.00	31.18	25.73			
24190		0.53	0.47	0.41	0.40	0.36	0.37	0.41	0.62	0.66	0.65	0.65	0.68	0.67	0.62	0.69	0.75	0.79	0.95	1.16	1.20	0.85	0.80	0.58	0.31			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.34	6.37	11.78	10.41	10.11	9.53	6.62	5.56	5.80	12.03	20.76	20.60	7.83	6.46	5.80	0.02	0.00			
AKWESSNE_115KV_BK		23.32	22.04	21.20	20.43	20.81	24.57	31.41	38.19	38.63	34.03	32.25	31.87	31.52	32.08	32.36	33.24	36.80	42.63	45.57	47.19	39.75	34.40	30.13	25.07			
355683		-0.60	-0.52	-0.48	-0.37	-0.36	-0.40	-0.29	-0.27	-0.16	-0.24	-0.39	-0.45	-0.58	-0.49	-0.66	-0.68	-0.60	-0.43	-0.84	-0.96	-0.56	-0.59	-0.49	-0.36			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		24.85	23.44	22.45	21.55	21.89	25.74	32.68	36.23	33.24	22.79	22.47	22.39	22.78	26.27	27.98	28.79	25.82	22.62	26.49	41.88	35.03	30.25	31.70	26.21			
323833		0.93	0.88	0.78	0.75	0.72	0.77	0.98	1.31	1.20	0.99	0.85	0.77	0.77	0.72	0.86	1.02	1.16	1.55	1.90	2.02	1.57	1.40	1.10	0.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.54	6.75	12.48	11.02	10.71	10.09	7.01	5.89	6.14	12.74	21.99	21.82	8.30	6.85	6.14	0.02	0.00			
ALBANY_2_SOLAR		24.85	23.44	22.45	21.55	21.87	25.74	32.68	36.24	33.25	22.81	22.49	22.41	22.80	26.28	28.00	28.77	25.84	22.66	26.53	41.85	35.01	30.27	31.70	26.21			
323834		0.93	0.88	0.78	0.75	0.70	0.77	0.98	1.31	1.20	0.99	0.85	0.77	0.77	0.72	0.86	0.98	1.16	1.55	1.90	1.98	1.53	1.40	1.10	0.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.54	6.74	12.45	11.00	10.69	10.07	7.00	5.88	6.13	12.72	21.95	21.78	8.28	6.83	6.13	0.02	0.00			
ALBANY___1		24.45	23.04	22.08	21.20	21.53	25.34	32.11	35.74	33.07	23.14	22.89	22.89	23.25	26.57	28.15	28.86	26.16	23.25	26.97	41.53	34.69	30.00	31.18	25.73			
23571		0.53	0.47	0.41	0.40	0.36	0.37	0.41	0.62	0.66	0.65	0.65	0.68	0.67	0.62	0.69	0.75	0.79	0.95	1.16	1.20	0.85	0.80	0.58	0.31			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.34	6.37	11.78	10.41	10.11	9.53	6.62	5.56	5.80	12.03	20.76	20.60	7.83	6.46	5.80	0.02	0.00			



ALBANY___2 23572	24.45 0.53 0.00	23.04 0.47 0.00	22.08 0.41 0.00	21.20 0.40 0.00	21.53 0.36 0.00	25.34 0.37 0.00	32.11 0.41 0.00	35.74 0.62 3.34	33.07 0.66 6.37	23.14 0.65 11.78	22.89 0.65 10.41	22.89 0.68 10.11	23.25 0.67 9.53	26.57 0.62 6.62	28.15 0.69 5.56	28.86 0.75 5.80	26.16 0.79 12.03	23.25 0.95 20.76	26.97 1.16 20.60	41.53 1.20 7.83	34.69 0.85 6.46	30.00 0.80 5.80	31.18 0.58 0.02	25.73 0.31 0.00
ALBANY___3 23573	24.45 0.53 0.00	23.04 0.47 0.00	22.08 0.41 0.00	21.20 0.40 0.00	21.53 0.36 0.00	25.34 0.37 0.00	32.11 0.41 0.00	35.74 0.62 3.34	33.07 0.66 6.37	23.14 0.65 11.78	22.89 0.65 10.41	22.89 0.68 10.11	23.25 0.67 9.53	26.57 0.62 6.62	28.15 0.69 5.56	28.86 0.75 5.80	26.16 0.79 12.03	23.25 0.95 20.76	26.97 1.16 20.60	41.53 1.20 7.83	34.69 0.85 6.46	30.00 0.80 5.80	31.18 0.58 0.02	25.73 0.31 0.00
ALBANY___4 23574	24.45 0.53 0.00	23.04 0.47 0.00	22.08 0.41 0.00	21.20 0.40 0.00	21.53 0.36 0.00	25.34 0.37 0.00	32.11 0.41 0.00	35.74 0.62 3.34	33.07 0.66 6.37	23.14 0.65 11.78	22.89 0.65 10.41	22.89 0.68 10.11	23.25 0.67 9.53	26.57 0.62 6.62	28.15 0.69 5.56	28.86 0.75 5.80	26.16 0.79 12.03	23.25 0.95 20.76	26.97 1.16 20.60	41.53 1.20 7.83	34.69 0.85 6.46	30.00 0.80 5.80	31.18 0.58 0.02	25.73 0.31 0.00
ALBANY___LFGE 323615	24.69 0.77 0.00	23.26 0.70 0.00	22.28 0.61 0.00	21.38 0.58 0.00	21.72 0.55 0.00	25.56 0.60 0.00	32.42 0.73 0.00	40.09 1.04 -0.59	40.93 1.08 -1.06	37.22 0.99 -1.96	35.32 0.95 -1.73	34.97 0.97 -1.68	34.65 0.96 -1.59	34.58 0.91 -1.10	34.97 1.02 -0.93	35.97 1.09 -0.96	40.52 1.12 -2.00	47.89 1.38 -3.45	51.51 1.67 -3.43	51.14 1.68 -1.30	42.67 1.29 -1.08	37.11 1.15 -0.96	31.51 0.89 0.00	25.98 0.56 0.00
ALCOA_PA_115KV_PL-6C 55860	23.37 -0.55 0.00	22.11 -0.45 0.00	21.26 -0.41 0.00	20.49 -0.31 0.00	20.87 -0.30 0.00	24.64 -0.32 0.00	31.54 -0.16 0.00	38.31 -0.15 0.00	38.75 -0.04 0.00	34.13 -0.14 0.00	32.32 -0.33 0.00	31.90 -0.42 0.00	31.56 -0.55 0.00	32.11 -0.46 0.00	32.36 -0.66 0.00	33.21 -0.71 0.00	36.80 -0.60 0.00	42.67 -0.39 0.00	45.62 -0.79 0.00	47.24 -0.91 0.00	39.83 -0.48 0.00	34.47 -0.52 0.00	30.19 -0.43 0.00	25.12 -0.31 0.00
ALCOA_RYNLDS___DRP 24188	23.37 -0.55 0.00	22.11 -0.45 0.00	21.26 -0.41 0.00	20.49 -0.31 0.00	20.87 -0.30 0.00	24.64 -0.32 0.00	31.54 -0.16 0.00	38.31 -0.15 0.00	38.75 -0.04 0.00	34.13 -0.14 0.00	32.32 -0.33 0.00	31.90 -0.42 0.00	31.56 -0.55 0.00	32.11 -0.46 0.00	32.36 -0.66 0.00	33.21 -0.71 0.00	36.80 -0.60 0.00	42.67 -0.39 0.00	45.62 -0.79 0.00	47.24 -0.91 0.00	39.83 -0.48 0.00	34.47 -0.52 0.00	30.19 -0.43 0.00	25.12 -0.31 0.00
ALCOA___DSASP 323711	23.37 -0.55 0.00	22.11 -0.45 0.00	21.28 -0.39 0.00	20.49 -0.31 0.00	20.87 -0.30 0.00	24.64 -0.33 0.00	31.54 -0.16 0.00	38.31 -0.15 0.00	38.67 -0.12 0.00	34.13 -0.14 0.00	32.32 -0.33 0.00	31.90 -0.42 0.00	31.56 -0.55 0.00	32.11 -0.46 0.00	32.36 -0.66 0.00	33.24 -0.68 0.00	36.80 -0.60 0.00	42.67 -0.39 0.00	45.58 -0.83 0.00	47.24 -0.92 0.00	39.83 -0.48 0.00	34.47 -0.52 0.00	30.19 -0.43 0.00	25.12 -0.30 0.00
ALLEGHENY___COGEN 23514	23.92 0.00 0.00	22.79 0.23 0.00	21.95 0.28 0.00	20.80 0.00 0.00	21.32 0.15 0.00	25.69 0.72 0.00	32.49 0.79 0.00	39.08 0.61 0.00	38.21 -0.58 0.00	33.48 -0.79 0.00	31.57 -1.08 0.00	31.16 -1.16 0.00	30.72 -1.38 0.00	31.36 -1.20 0.00	31.80 -1.19 0.03	32.63 -1.25 0.03	35.95 -1.27 0.18	41.14 -1.03 0.89	46.69 0.28 0.00	48.74 0.58 0.00	40.32 0.04 0.03	34.79 -0.17 0.03	31.01 0.40 0.00	26.41 0.99 0.00
ALTAMONT_115KV_TB 2 55880	24.71 0.79 0.00	23.28 0.72 0.00	22.34 0.67 0.00	21.43 0.62 0.00	21.78 0.61 0.00	25.62 0.65 0.00	32.52 0.82 0.00	38.08 1.08 1.46	37.04 1.05 2.79	30.07 0.96 5.16	29.03 0.95 4.56	28.86 0.97 4.43	28.89 0.96 4.17	30.61 0.94 2.90	31.61 1.02 2.44	32.46 1.09 2.54	33.33 1.20 5.27	35.35 1.38 9.09	39.01 1.62 9.02	46.36 1.64 3.43	38.77 1.29 2.83	33.61 1.15 2.54	31.53 0.92 0.01	26.08 0.66 0.00
ALTONA_WT_PWR 323606	22.72 -1.20 0.00	21.57 -0.99 0.00	20.87 -0.80 0.00	20.22 -0.58 0.00	20.70 -0.47 0.00	24.64 -0.33 0.00	32.08 0.38 0.00	39.12 0.65 0.00	39.37 0.58 0.00	34.47 0.21 0.00	32.42 -0.23 0.00	31.97 -0.35 0.00	31.46 -0.64 0.00	32.01 -0.55 0.00	32.16 -0.86 0.00	33.04 -0.88 0.00	36.91 -0.49 0.00	43.19 0.13 0.00	46.22 -0.18 0.00	47.72 -0.43 0.00	40.31 0.00 0.00	34.68 -0.32 0.00	30.25 -0.37 0.00	25.22 -0.20 0.00
AMERICAN_REF_FUEL 24010	22.10 -1.82 0.00	21.12 -1.44 0.00	20.41 -1.26 0.00	19.18 -1.62 0.00	19.73 -1.44 0.00	24.02 -0.95 0.00	30.14 -1.55 0.00	35.73 -2.73 0.00	35.22 -3.57 0.00	31.22 -3.05 0.00	29.71 -2.94 0.00	29.44 -2.88 0.00	29.28 -2.83 0.00	29.83 -2.74 0.00	30.09 -2.91 0.02	30.57 -3.32 0.02	33.37 -3.89 0.14	38.30 -4.18 0.59	42.23 -4.18 0.00	43.97 -4.19 0.00	36.54 -3.75 0.02	31.68 -3.29 0.02	28.69 -1.93 0.00	24.91 -0.51 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.94 -0.98 0.00	21.95 -0.61 0.00	21.26 -0.41 0.00	20.05 -0.75 0.00	20.58 -0.59 0.00	24.97 0.00 0.00	31.54 -0.16 0.00	37.58 -0.88 0.00	36.73 -2.06 0.00	32.45 -1.82 0.00	30.85 -1.80 0.00	30.44 -1.88 0.00	30.21 -1.89 0.00	30.77 -1.79 0.00	31.04 -1.95 0.03	31.72 -2.17 0.03	35.17 -2.09 0.14	39.93 -2.41 0.72	44.14 -2.27 0.00	46.04 -2.12 0.00	38.14 -2.14 0.03	33.01 -1.96 0.03	29.88 -0.74 0.00	26.01 0.59 0.00
ARTHUR KILL_GT_1 23520	25.86 1.94 -0.01	24.24 1.67 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.62 1.44 -0.01	26.52 1.55 -0.01	33.66 1.97 0.00	40.78 2.15 -0.16	41.07 2.29 0.01	35.50 2.02 0.79	34.82 2.19 0.01	34.61 2.30 0.01	34.44 2.34 0.01	34.97 2.41 0.01	35.49 2.48 0.01	36.42 2.51 0.01	40.16 2.77 0.01	46.02 2.97 0.01	49.74 3.34 0.01	51.62 3.47 0.01	42.72 2.42 0.01	37.37 2.38 0.01	32.77 2.14 -0.01	27.11 1.68 -0.01
ARTHUR_KILL_2 23512	25.79 1.87 -0.01	24.20 1.63 -0.01	23.13 1.45 -0.01	22.18 1.37 -0.01	22.57 1.40 -0.01	26.47 1.50 -0.01	33.56 1.87 0.00	40.66 2.04 -0.16	40.95 2.17 0.01	35.43 1.95 0.79	34.76 2.12 0.01	34.51 2.20 0.01	34.37 2.28 0.01	34.87 2.31 0.01	35.39 2.38 0.01	36.32 2.41 0.01	40.05 2.66 0.01	45.89 2.84 0.01	49.56 3.16 0.01	51.42 3.28 0.01	42.56 2.26 0.01	37.23 2.24 0.01	32.68 2.05 -0.01	27.03 1.60 -0.01
ARTHUR_KILL_3 23513	25.71 1.79 0.00	24.03 1.47 0.00	22.97 1.30 0.00	22.03 1.23 0.00	22.42 1.25 0.00	26.29 1.32 0.00	33.50 1.81 0.00	40.75 2.11 -0.17	41.03 2.25 0.00	35.44 1.95 0.78	34.83 2.19 0.00	34.58 2.26 0.00	34.42 2.31 0.00	34.91 2.35 0.00	35.43 2.41 0.00	36.33 2.41 0.00	40.06 2.66 0.00	45.95 2.89 0.00	49.61 3.20 0.00	51.48 3.32 0.00	42.77 2.46 0.00	37.31 2.31 0.00	32.49 1.87 0.00	26.87 1.45 0.00



ARTHUR_KILL_COGEN 323718	25.86 1.94 -0.01	24.24 1.67 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.62 1.44 -0.01	26.52 1.55 -0.01	33.66 1.97 0.00	40.78 2.15 -0.16	41.07 2.29 0.01	35.50 2.02 0.79	34.82 2.19 0.01	34.61 2.30 0.01	34.44 2.34 0.01	34.97 2.41 0.01	35.49 2.48 0.01	36.42 2.51 0.01	40.16 2.77 0.01	46.02 2.97 0.01	49.74 3.34 0.01	51.62 3.47 0.01	42.72 2.42 0.01	37.37 2.38 0.01	32.77 2.14 -0.01	27.11 1.68 -0.01
ASHOKAN____ 23654	25.07 1.15 0.00	23.58 1.02 0.00	22.67 1.00 0.00	21.67 0.87 0.00	21.91 0.74 0.00	25.77 0.80 0.00	32.83 1.14 0.00	37.91 2.04 2.59	35.87 2.02 4.94	26.83 1.68 9.12	26.12 1.53 8.05	25.98 1.49 7.83	26.27 1.54 7.37	28.94 1.50 5.12	30.50 1.78 4.31	31.33 1.90 4.49	30.48 2.40 9.31	29.84 2.84 16.07	33.90 3.43 15.95	45.75 3.66 6.06	38.21 2.90 5.00	32.89 2.38 4.49	32.07 1.47 0.01	26.29 0.86 0.00
ASTORIA_EAST_ENERGY_CC1 323581	25.72 1.79 -0.01	24.13 1.56 -0.01	23.11 1.43 -0.01	22.14 1.33 -0.01	22.53 1.36 -0.01	26.40 1.42 -0.01	33.69 2.00 0.00	40.86 2.23 -0.17	41.07 2.29 0.01	36.35 2.09 0.01	34.89 2.25 0.01	34.64 2.33 0.01	34.50 2.41 0.01	35.00 2.44 0.01	35.49 2.48 0.01	36.45 2.55 0.01	40.16 2.77 0.01	45.98 2.93 0.01	49.60 3.20 0.01	51.47 3.32 0.01	42.68 2.38 0.01	37.34 2.35 0.00	32.56 1.93 -0.01	26.90 1.47 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	25.72 1.79 -0.01	24.11 1.54 -0.01	23.11 1.43 -0.01	22.14 1.33 -0.01	22.53 1.36 -0.01	26.40 1.42 -0.01	33.69 2.00 0.00	40.86 2.23 -0.17	41.07 2.29 0.01	36.35 2.09 0.01	34.89 2.25 0.01	34.64 2.33 0.01	34.50 2.41 0.01	35.00 2.44 0.01	35.49 2.48 0.01	36.45 2.55 0.01	40.16 2.77 0.01	45.98 2.93 0.01	49.60 3.20 0.01	51.47 3.32 0.01	42.68 2.38 0.01	37.34 2.35 0.00	32.56 1.93 -0.01	26.90 1.47 -0.01
ASTORIA_GT2_1 24094	25.72 1.79 -0.01	24.13 1.56 -0.01	23.09 1.41 -0.01	22.14 1.33 -0.01	22.51 1.33 -0.01	26.40 1.42 -0.01	33.69 2.00 0.00	40.79 2.15 -0.17	41.04 2.25 0.00	36.36 2.09 0.00	34.90 2.25 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.50 2.58 0.00	40.17 2.77 0.00	46.03 2.97 0.00	49.66 3.25 0.00	51.53 3.37 0.00	42.73 2.42 0.00	37.38 2.38 0.00	32.55 1.93 -0.01	26.96 1.53 -0.01
ASTORIA_GT2_2 24095	25.72 1.79 -0.01	24.13 1.56 -0.01	23.09 1.41 -0.01	22.14 1.33 -0.01	22.51 1.33 -0.01	26.40 1.42 -0.01	33.69 2.00 0.00	40.79 2.15 -0.17	41.04 2.25 0.00	36.36 2.09 0.00	34.90 2.25 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.50 2.58 0.00	40.17 2.77 0.00	46.03 2.97 0.00	49.66 3.25 0.00	51.53 3.37 0.00	42.73 2.42 0.00	37.38 2.38 0.00	32.55 1.93 -0.01	26.96 1.53 -0.01
ASTORIA_GT2_3 24096	25.72 1.79 -0.01	24.13 1.56 -0.01	23.09 1.41 -0.01	22.14 1.33 -0.01	22.51 1.33 -0.01	26.40 1.42 -0.01	33.69 2.00 0.00	40.79 2.15 -0.17	41.04 2.25 0.00	36.36 2.09 0.00	34.90 2.25 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.50 2.58 0.00	40.17 2.77 0.00	46.03 2.97 0.00	49.66 3.25 0.00	51.53 3.37 0.00	42.73 2.42 0.00	37.38 2.38 0.00	32.55 1.93 -0.01	26.96 1.53 -0.01
ASTORIA_GT2_4 24097	25.72 1.79 -0.01	24.13 1.56 -0.01	23.09 1.41 -0.01	22.14 1.33 -0.01	22.51 1.33 -0.01	26.40 1.42 -0.01	33.69 2.00 0.00	40.79 2.15 -0.17	41.04 2.25 0.00	36.36 2.09 0.00	34.90 2.25 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.50 2.58 0.00	40.17 2.77 0.00	46.03 2.97 0.00	49.66 3.25 0.00	51.53 3.37 0.00	42.73 2.42 0.00	37.38 2.38 0.00	32.55 1.93 -0.01	26.96 1.53 -0.01
ASTORIA_GT3_1 24098	25.72 1.79 -0.01	24.13 1.56 -0.01	23.09 1.41 -0.01	22.14 1.33 -0.01	22.51 1.33 -0.01	26.40 1.42 -0.01	33.69 2.00 0.00	40.79 2.15 -0.17	41.04 2.25 0.00	36.36 2.09 0.00	34.90 2.25 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.50 2.58 0.00	40.17 2.77 0.00	46.03 2.97 0.00	49.66 3.25 0.00	51.53 3.37 0.00	42.73 2.42 0.00	37.38 2.38 0.00	32.55 1.93 -0.01	26.96 1.53 -0.01
ASTORIA_GT3_2 24099	25.72 1.79 -0.01	24.13 1.56 -0.01	23.09 1.41 -0.01	22.14 1.33 -0.01	22.51 1.33 -0.01	26.40 1.42 -0.01	33.69 2.00 0.00	40.79 2.15 -0.17	41.04 2.25 0.00	36.36 2.09 0.00	34.90 2.25 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.50 2.58 0.00	40.17 2.77 0.00	46.03 2.97 0.00	49.66 3.25 0.00	51.53 3.37 0.00	42.73 2.42 0.00	37.38 2.38 0.00	32.55 1.93 -0.01	26.96 1.53 -0.01
ASTORIA_GT3_3 24100	25.72 1.79 -0.01	24.13 1.56 -0.01	23.09 1.41 -0.01	22.14 1.33 -0.01	22.51 1.33 -0.01	26.40 1.42 -0.01	33.69 2.00 0.00	40.79 2.15 -0.17	41.04 2.25 0.00	36.36 2.09 0.00	34.90 2.25 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.50 2.58 0.00	40.17 2.77 0.00	46.03 2.97 0.00	49.66 3.25 0.00	51.53 3.37 0.00	42.73 2.42 0.00	37.38 2.38 0.00	32.55 1.93 -0.01	26.96 1.53 -0.01
ASTORIA_GT3_4 24101	25.72 1.79 -0.01	24.13 1.56 -0.01	23.09 1.41 -0.01	22.14 1.33 -0.01	22.51 1.33 -0.01	26.40 1.42 -0.01	33.69 2.00 0.00	40.79 2.15 -0.17	41.04 2.25 0.00	36.36 2.09 0.00	34.90 2.25 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.50 2.58 0.00	40.17 2.77 0.00	46.03 2.97 0.00	49.66 3.25 0.00	51.53 3.37 0.00	42.73 2.42 0.00	37.38 2.38 0.00	32.55 1.93 -0.01	26.96 1.53 -0.01
ASTORIA_GT4_1 24102	25.72 1.79 -0.01	24.13 1.56 -0.01	23.09 1.41 -0.01	22.14 1.33 -0.01	22.51 1.33 -0.01	26.40 1.42 -0.01	33.69 2.00 0.00	40.79 2.15 -0.17	41.04 2.25 0.00	36.36 2.09 0.00	34.90 2.25 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.50 2.58 0.00	40.17 2.77 0.00	46.03 2.97 0.00	49.66 3.25 0.00	51.53 3.37 0.00	42.73 2.42 0.00	37.38 2.38 0.00	32.55 1.93 -0.01	26.96 1.53 -0.01
ASTORIA_GT4_2 24103	25.72 1.79 -0.01	24.13 1.56 -0.01	23.09 1.41 -0.01	22.14 1.33 -0.01	22.51 1.33 -0.01	26.40 1.42 -0.01	33.69 2.00 0.00	40.79 2.15 -0.17	41.04 2.25 0.00	36.36 2.09 0.00	34.90 2.25 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.50 2.58 0.00	40.17 2.77 0.00	46.03 2.97 0.00	49.66 3.25 0.00	51.53 3.37 0.00	42.73 2.42 0.00	37.38 2.38 0.00	32.55 1.93 -0.01	26.96 1.53 -0.01
ASTORIA_GT4_3 24104	25.72 1.79 -0.01	24.13 1.56 -0.01	23.09 1.41 -0.01	22.14 1.33 -0.01	22.51 1.33 -0.01	26.40 1.42 -0.01	33.69 2.00 0.00	40.79 2.15 -0.17	41.04 2.25 0.00	36.36 2.09 0.00	34.90 2.25 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.50 2.58 0.00	40.17 2.77 0.00	46.03 2.97 0.00	49.66 3.25 0.00	51.53 3.37 0.00	42.73 2.42 0.00	37.38 2.38 0.00	32.55 1.93 -0.01	26.96 1.53 -0.01



ASTORIA_GT4_4 24105	25.72 1.79 -0.01	24.13 1.56 -0.01	23.09 1.41 -0.01	22.14 1.33 -0.01	22.51 1.33 -0.01	26.40 1.42 -0.01	33.69 2.00 0.00	40.79 2.15 -0.17	41.04 2.25 0.00	36.36 2.09 0.00	34.90 2.25 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.50 2.58 0.00	40.17 2.77 0.00	46.03 2.97 0.00	49.66 3.25 0.00	51.53 3.37 0.00	42.73 2.42 0.00	37.38 2.38 0.00	32.55 1.93 -0.01	26.96 1.53 -0.01
ASTORIA_GT_1 23523	25.77 1.84 -0.01	24.17 1.60 -0.01	23.15 1.47 -0.01	22.18 1.37 -0.01	22.57 1.40 -0.01	26.45 1.47 -0.01	33.75 2.06 0.00	40.94 2.31 -0.17	41.18 2.41 0.01	36.42 2.16 0.01	34.99 2.35 0.01	34.74 2.43 0.01	34.57 2.47 0.01	35.06 2.51 0.01	35.59 2.58 0.01	36.52 2.61 0.01	40.23 2.84 0.01	46.11 3.06 0.01	49.74 3.34 0.01	51.62 3.47 0.01	42.80 2.50 0.01	37.45 2.45 0.00	32.61 1.99 -0.01	26.98 1.55 -0.01
ASTORIA_GT_10 24110	25.89 1.96 -0.01	24.22 1.65 -0.01	23.15 1.47 -0.01	22.22 1.41 -0.01	22.60 1.42 -0.01	26.52 1.55 -0.01	33.79 2.09 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.46 2.19 0.00	34.99 2.35 0.00	34.78 2.46 0.00	34.64 2.54 0.00	35.14 2.57 0.00	35.63 2.61 0.00	36.60 2.68 0.00	40.32 2.92 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.67 3.52 0.00	42.89 2.58 0.00	37.52 2.52 0.00	32.74 2.11 -0.01	27.13 1.70 -0.01
ASTORIA_GT_11 24225	25.89 1.96 -0.01	24.22 1.65 -0.01	23.15 1.47 -0.01	22.22 1.41 -0.01	22.60 1.42 -0.01	26.52 1.55 -0.01	33.79 2.09 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.46 2.19 0.00	34.99 2.35 0.00	34.78 2.46 0.00	34.64 2.54 0.00	35.14 2.57 0.00	35.63 2.61 0.00	36.60 2.68 0.00	40.32 2.92 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.67 3.52 0.00	42.89 2.58 0.00	37.52 2.52 0.00	32.74 2.11 -0.01	27.13 1.70 -0.01
ASTORIA_GT_12 24226	25.89 1.96 -0.01	24.22 1.65 -0.01	23.15 1.47 -0.01	22.22 1.41 -0.01	22.60 1.42 -0.01	26.52 1.55 -0.01	33.79 2.09 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.46 2.19 0.00	34.99 2.35 0.00	34.78 2.46 0.00	34.64 2.54 0.00	35.14 2.57 0.00	35.63 2.61 0.00	36.60 2.68 0.00	40.32 2.92 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.67 3.52 0.00	42.89 2.58 0.00	37.52 2.52 0.00	32.74 2.11 -0.01	27.13 1.70 -0.01
ASTORIA_GT_13 24227	25.89 1.96 -0.01	24.22 1.65 -0.01	23.15 1.47 -0.01	22.22 1.41 -0.01	22.60 1.42 -0.01	26.52 1.55 -0.01	33.79 2.09 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.46 2.19 0.00	34.99 2.35 0.00	34.78 2.46 0.00	34.64 2.54 0.00	35.14 2.57 0.00	35.63 2.61 0.00	36.60 2.68 0.00	40.32 2.92 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.67 3.52 0.00	42.89 2.58 0.00	37.52 2.52 0.00	32.74 2.11 -0.01	27.13 1.70 -0.01
ASTORIA_GT_5 24106	25.77 1.84 -0.01	24.15 1.58 -0.01	23.13 1.45 -0.01	22.18 1.37 -0.01	22.53 1.35 -0.01	26.45 1.47 -0.01	33.76 2.06 0.00	40.86 2.23 -0.17	41.11 2.33 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.74 2.42 0.00	34.57 2.47 0.00	35.11 2.54 0.00	35.59 2.58 0.00	36.56 2.65 0.00	40.28 2.88 0.00	46.12 3.06 0.00	49.75 3.34 0.00	51.62 3.47 0.00	42.81 2.50 0.00	37.45 2.45 0.00	32.62 1.99 -0.01	27.01 1.58 -0.01
ASTORIA_GT_7 24107	25.77 1.84 -0.01	24.15 1.58 -0.01	23.13 1.45 -0.01	22.18 1.37 -0.01	22.53 1.35 -0.01	26.45 1.47 -0.01	33.76 2.06 0.00	40.86 2.23 -0.17	41.11 2.33 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.74 2.42 0.00	34.57 2.47 0.00	35.11 2.54 0.00	35.59 2.58 0.00	36.56 2.65 0.00	40.28 2.88 0.00	46.12 3.06 0.00	49.75 3.34 0.00	51.62 3.47 0.00	42.81 2.50 0.00	37.45 2.45 0.00	32.62 1.99 -0.01	27.01 1.58 -0.01
ASTORIA_GT_8 24108	25.77 1.84 -0.01	24.15 1.58 -0.01	23.13 1.45 -0.01	22.18 1.37 -0.01	22.53 1.35 -0.01	26.45 1.47 -0.01	33.76 2.06 0.00	40.86 2.23 -0.17	41.11 2.33 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.74 2.42 0.00	34.57 2.47 0.00	35.11 2.54 0.00	35.59 2.58 0.00	36.56 2.65 0.00	40.28 2.88 0.00	46.12 3.06 0.00	49.75 3.34 0.00	51.62 3.47 0.00	42.81 2.50 0.00	37.45 2.45 0.00	32.62 1.99 -0.01	27.01 1.58 -0.01
ASTORIA___2 24149	25.72 1.79 -0.01	24.13 1.56 -0.01	23.11 1.43 -0.01	22.16 1.35 -0.01	22.53 1.36 -0.01	26.40 1.42 -0.01	33.69 2.00 0.00	40.86 2.23 -0.17	41.10 2.33 0.01	36.35 2.09 0.01	34.92 2.28 0.01	34.67 2.36 0.01	34.50 2.41 0.01	35.00 2.44 0.01	35.52 2.51 0.01	36.45 2.55 0.01	40.16 2.77 0.01	45.98 2.93 0.01	49.65 3.25 0.01	51.47 3.32 0.01	42.72 2.42 0.01	37.38 2.38 0.00	32.56 1.93 -0.01	26.93 1.50 -0.01
ASTORIA___3 23516	25.89 1.96 -0.01	24.24 1.67 -0.01	23.17 1.49 -0.01	22.22 1.42 -0.01	22.62 1.44 -0.01	26.52 1.55 -0.01	33.79 2.09 0.00	40.94 2.31 -0.17	41.23 2.44 0.00	36.49 2.23 0.00	35.02 2.38 0.00	34.78 2.46 0.00	34.64 2.54 0.00	35.14 2.57 0.00	35.63 2.61 0.00	36.56 2.65 0.00	40.32 2.92 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.67 3.51 0.00	42.89 2.58 0.00	37.52 2.52 0.00	32.74 2.11 -0.01	27.11 1.68 -0.01
ASTORIA___4 23517	25.89 1.96 -0.01	24.22 1.65 -0.01	23.15 1.47 -0.01	22.22 1.41 -0.01	22.60 1.42 -0.01	26.52 1.55 -0.01	33.79 2.09 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.46 2.19 0.00	34.99 2.35 0.00	34.78 2.46 0.00	34.64 2.54 0.00	35.14 2.57 0.00	35.63 2.61 0.00	36.60 2.68 0.00	40.32 2.92 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.67 3.52 0.00	42.89 2.58 0.00	37.52 2.52 0.00	32.74 2.11 -0.01	27.13 1.70 -0.01
ASTORIA___5 23518	25.89 1.96 -0.01	24.24 1.67 -0.01	23.17 1.49 -0.01	22.22 1.42 -0.01	22.62 1.44 -0.01	26.52 1.55 -0.01	33.79 2.09 0.00	40.94 2.31 -0.17	41.23 2.44 0.00	36.49 2.23 0.00	35.02 2.38 0.00	34.78 2.46 0.00	34.64 2.54 0.00	35.14 2.57 0.00	35.63 2.61 0.00	36.56 2.65 0.00	40.32 2.92 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.67 3.51 0.00	42.89 2.58 0.00	37.52 2.52 0.00	32.74 2.11 -0.01	27.11 1.68 -0.01
AST_ENERGY_2_CC3 323677	25.79 1.87 0.00	24.12 1.56 0.00	23.08 1.41 0.00	22.11 1.31 0.00	22.50 1.33 0.00	26.41 1.45 0.00	33.63 1.93 0.00	40.98 2.35 -0.17	41.23 2.44 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.04 2.47 0.00	35.56 2.54 0.00	36.49 2.58 0.00	40.28 2.88 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.48 2.48 0.00	32.61 1.99 0.00	26.97 1.55 0.00
AST_ENERGY_2_CC4 323678	25.79 1.87 0.00	24.12 1.56 0.00	23.08 1.41 0.00	22.11 1.31 0.00	22.50 1.33 0.00	26.41 1.45 0.00	33.63 1.93 0.00	40.98 2.35 -0.17	41.23 2.44 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.04 2.47 0.00	35.56 2.54 0.00	36.49 2.58 0.00	40.28 2.88 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.48 2.48 0.00	32.61 1.99 0.00	26.97 1.55 0.00



ATHENS_STG_1 23668	24.88	23.40	22.43	21.55	21.91	25.69	32.61	39.62	39.99	35.33	33.78	33.48	33.29	33.74	34.27	35.21	38.82	44.61	48.17	49.99	41.68	36.29	31.63	26.16
	0.96	0.84	0.76	0.75	0.74	0.72	0.92	1.15	1.20	1.06	1.14	1.16	1.19	1.17	1.25	1.29	1.42	1.55	1.76	1.83	1.37	1.30	1.01	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	24.88	23.40	22.43	21.55	21.91	25.69	32.61	39.62	39.99	35.33	33.78	33.48	33.29	33.74	34.27	35.21	38.82	44.61	48.17	49.99	41.68	36.29	31.63	26.16
	0.96	0.84	0.76	0.75	0.74	0.72	0.92	1.15	1.20	1.06	1.14	1.16	1.19	1.17	1.25	1.29	1.42	1.55	1.76	1.83	1.37	1.30	1.01	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	24.88	23.40	22.43	21.55	21.91	25.69	32.61	39.62	39.99	35.33	33.78	33.48	33.29	33.74	34.27	35.21	38.82	44.61	48.17	49.99	41.68	36.29	31.63	26.16
	0.96	0.84	0.76	0.75	0.74	0.72	0.92	1.15	1.20	1.06	1.14	1.16	1.19	1.17	1.25	1.29	1.42	1.55	1.76	1.83	1.37	1.30	1.01	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN___LFGE 323710	23.80	22.49	21.63	20.70	21.11	25.07	31.82	38.56	38.97	34.48	32.45	32.16	31.94	32.40	32.81	34.02	37.14	42.60	46.79	48.81	40.37	35.05	30.56	25.45
	-0.12	-0.07	-0.04	-0.10	-0.06	0.10	0.13	0.04	-0.19	-0.17	-0.20	-0.16	-0.16	-0.16	-0.20	-0.20	-0.26	-0.39	0.00	0.00	-0.16	-0.14	-0.06	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.38	-0.38	0.00	0.00	0.00	0.00	0.01	-0.30	0.00	0.08	-0.38	-0.66	-0.22	-0.19	0.00	0.00
BABYLON_RES_REC 323704	31.60	24.52	23.49	22.51	22.91	26.89	34.51	41.36	41.54	36.77	36.71	36.88	36.04	36.17	36.17	37.26	40.92	48.94	55.54	52.68	43.78	39.57	33.10	30.80
	2.25	1.96	1.82	1.71	1.74	1.92	2.54	2.73	2.75	2.50	2.81	2.84	2.89	2.93	3.00	3.12	3.51	3.96	4.36	4.53	3.47	3.08	2.48	2.03
	-5.43	0.00	0.00	0.00	0.00	0.00	-0.28	-0.17	0.00	0.00	-1.26	-1.72	-1.05	-0.67	-0.15	-0.23	-0.01	-1.92	-4.77	0.00	0.00	-1.49	0.00	-3.34
BABYLON__69_KV_BK2 356345	31.88	24.66	23.67	22.55	22.93	27.06	34.81	41.40	41.73	37.11	37.00	37.20	36.36	36.49	36.49	37.60	41.33	49.45	56.09	53.16	44.22	39.98	33.43	31.09
	2.54	2.10	1.99	1.75	1.76	2.10	2.85	2.77	2.95	2.84	3.10	3.17	3.21	3.26	3.33	3.46	3.93	4.48	4.92	5.01	3.91	3.50	2.82	2.34
	-5.43	0.00	0.00	0.00	0.00	0.00	-0.27	-0.17	0.00	0.00	-1.25	-1.71	-1.04	-0.67	-0.14	-0.22	0.00	-1.91	-4.77	0.00	0.00	-1.49	0.00	-3.33
BALL_HILL_WT_PWR 323825	22.94	21.91	21.17	19.95	20.49	24.84	31.32	37.20	36.50	32.32	30.75	30.41	30.21	30.77	31.05	31.76	35.14	39.89	43.95	45.75	37.94	32.83	29.67	25.75
	-0.98	-0.66	-0.50	-0.85	-0.68	-0.12	-0.38	-1.27	-2.29	-1.95	-1.89	-1.91	-1.89	-1.79	-1.95	-2.14	-2.13	-2.50	-2.46	-2.41	-2.34	-2.14	-0.95	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.13	0.67	0.00	0.00	0.03	0.03	0.00	0.00
BARON_WINDS___WT_PWR 323822	23.35	22.20	21.39	20.28	20.77	24.97	31.13	36.89	36.22	32.07	30.46	30.12	29.85	30.35	30.66	31.50	34.85	39.18	44.46	46.18	38.29	33.17	29.76	25.62
	-0.57	-0.36	-0.28	-0.52	-0.40	0.00	-0.57	-1.58	-2.56	-2.19	-2.19	-2.20	-2.25	-2.22	-2.31	-2.38	-2.32	-2.71	-1.95	-1.98	-1.97	-1.78	-0.86	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.24	1.17	0.00	0.00	0.05	0.05	0.00	0.00
BARRETT_IC_1 23704	31.39	24.30	23.28	22.30	22.69	26.64	34.19	41.06	41.27	36.53	36.45	36.62	35.75	35.87	35.88	36.93	40.55	48.43	55.03	52.15	43.33	39.25	32.82	30.51
	2.03	1.74	1.60	1.50	1.53	1.67	2.22	2.42	2.48	2.26	2.55	2.59	2.60	2.64	2.71	2.78	3.14	3.45	3.85	3.99	3.02	2.76	2.21	1.75
	-5.43	0.00	0.00	0.00	0.00	0.00	-0.28	-0.17	0.00	0.00	-1.26	-1.72	-1.05	-0.67	-0.15	-0.23	-0.01	-1.92	-4.77	0.00	0.00	-1.49	0.00	-3.34
BARRETT_IC_10 23701	31.39	24.30	23.28	22.30	22.69	26.64	34.19	41.06	41.27	36.53	36.45	36.62	35.75	35.87	35.88	36.93	40.55	48.43	55.03	52.15	43.33	39.25	32.82	30.51
	2.03	1.74	1.60	1.50	1.53	1.67	2.22	2.42	2.48	2.26	2.55	2.59	2.60	2.64	2.71	2.78	3.14	3.45	3.85	3.99	3.02	2.76	2.21	1.75
	-5.43	0.00	0.00	0.00	0.00	0.00	-0.28	-0.17	0.00	0.00	-1.26	-1.72	-1.05	-0.67	-0.15	-0.23	-0.01	-1.92	-4.77	0.00	0.00	-1.49	0.00	-3.34
BARRETT_IC_11 23702	31.39	24.30	23.28	22.30	22.69	26.64	34.19	41.06	41.27	36.53	36.45	36.62	35.75	35.87	35.88	36.93	40.55	48.43	55.03	52.15	43.33	39.25	32.82	30.51
	2.03	1.74	1.60	1.50	1.53	1.67	2.22	2.42	2.48	2.26	2.55	2.59	2.60	2.64	2.71	2.78	3.14	3.45	3.85	3.99	3.02	2.76	2.21	1.75
	-5.43	0.00	0.00	0.00	0.00	0.00	-0.28	-0.17	0.00	0.00	-1.26	-1.72	-1.05	-0.67	-0.15	-0.23	-0.01	-1.92	-4.77	0.00	0.00	-1.49	0.00	-3.34
BARRETT_IC_12 23703	31.39	24.30	23.28	22.30	22.69	26.64	34.19	41.06	41.27	36.53	36.45	36.62	35.75	35.87	35.88	36.93	40.55	48.43	55.03	52.15	43.33	39.25	32.82	30.51
	2.03	1.74	1.60	1.50	1.53	1.67	2.22	2.42	2.48	2.26	2.55	2.59	2.60	2.64	2.71	2.78	3.14	3.45	3.85	3.99	3.02	2.76	2.21	1.75
	-5.43	0.00	0.00	0.00	0.00	0.00	-0.28	-0.17	0.00	0.00	-1.26	-1.72	-1.05	-0.67	-0.15	-0.23	-0.01	-1.92	-4.77	0.00	0.00	-1.49	0.00	-3.34
BARRETT_IC_2 23705	31.39	24.30	23.28	22.30	22.69	26.64	34.19	41.06	41.27	36.53	36.45	36.62	35.75	35.87	35.88	36.93	40.55	48.43	55.03	52.15	43.33	39.25	32.82	30.51
	2.03	1.74	1.60	1.50	1.53	1.67	2.22	2.42	2.48	2.26	2.55	2.59	2.60	2.64	2.71	2.78	3.14	3.45	3.85	3.99	3.02	2.76	2.21	1.75
	-5.43	0.00	0.00	0.00	0.00	0.00	-0.28	-0.17	0.00	0.00	-1.26	-1.72	-1.05	-0.67	-0.15	-0.23	-0.01	-1.92	-4.77	0.00	0.00	-1.49	0.00	-3.34
BARRETT_IC_3 23706	31.39	24.30	23.28	22.30	22.69	26.64	34.19	41.06	41.27	36.53	36.45	36.62	35.75	35.87	35.88	36.93	40.55	48.43	55.03	52.15	43.33	39.25	32.82	30.51
	2.03	1.74	1.60	1.50	1.53	1.67	2.22	2.42	2.48	2.26	2.55	2.59	2.60	2.64	2.71	2.78	3.14	3.45	3.85	3.99	3.02	2.76	2.21	1.75
	-5.43	0.00	0.00	0.00	0.00	0.00	-0.28	-0.17	0.00	0.00	-1.26	-1.72	-1.05	-0.67	-0.15	-0.23	-0.01	-1.92	-4.77	0.00	0.00	-1.49	0.00	-3.34
BARRETT_IC_4 23707	31.39	24.30	23.28	22.30	22.69	26.64	34.19	41.06	41.27	36.53	36.45	36.62	35.75	35.87	35.88	36.93	40.55	48.43	55.03	52.15	43.33	39.25	32.82	30.51
	2.03	1.74	1.60	1.50	1.53	1.67	2.22	2.42	2.48	2.26	2.55	2.59	2.60	2.64	2.71	2.78	3.14	3.45	3.85	3.99	3.02	2.76	2.21	1.75
	-5.43	0.00	0.00	0.00	0.00	0.00	-0.28	-0.17	0.00	0.00	-1.26	-1.72	-1.05	-0.67	-0.15	-0.23	-0.01	-1.92	-4.77	0.00	0.00	-1.49	0.00	-3.34



BARRETT_IC_5 23708	31.39 2.03 -5.43	24.30 1.74 0.00	23.28 1.60 0.00	22.30 1.50 0.00	22.69 1.53 0.00	26.64 1.67 0.00	34.19 2.22 -0.28	41.06 2.42 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	36.45 2.55 -1.26	36.62 2.59 -1.72	35.75 2.60 -1.05	35.87 2.64 -0.67	35.88 2.71 -0.15	36.93 2.78 -0.23	40.55 3.14 -0.01	48.43 3.45 -1.92	55.03 3.85 -4.77	52.15 3.99 0.00	43.33 3.02 0.00	39.25 2.76 -1.49	32.82 2.21 0.00	30.51 1.75 -3.34
BARRETT_IC_6 23709	31.39 2.03 -5.43	24.30 1.74 0.00	23.28 1.60 0.00	22.30 1.50 0.00	22.69 1.53 0.00	26.64 1.67 0.00	34.19 2.22 -0.28	41.06 2.42 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	36.45 2.55 -1.26	36.62 2.59 -1.72	35.75 2.60 -1.05	35.87 2.64 -0.67	35.88 2.71 -0.15	36.93 2.78 -0.23	40.55 3.14 -0.01	48.43 3.45 -1.92	55.03 3.85 -4.77	52.15 3.99 0.00	43.33 3.02 0.00	39.25 2.76 -1.49	32.82 2.21 0.00	30.51 1.75 -3.34
BARRETT_IC_7 23710	31.38 2.03 -5.43	24.23 1.67 0.00	23.23 1.56 0.00	22.22 1.41 0.00	22.59 1.42 0.00	26.61 1.65 0.00	34.18 2.22 -0.27	40.86 2.23 -0.17	41.15 2.37 0.00	36.56 2.30 0.00	36.41 2.51 -1.25	36.62 2.59 -1.71	35.75 2.60 -1.04	35.90 2.67 -0.67	35.87 2.71 -0.14	36.92 2.78 -0.22	40.51 3.10 0.00	48.42 3.44 -1.91	55.03 3.85 -4.76	52.06 3.90 0.00	43.29 2.98 0.00	39.25 2.76 -1.49	32.82 2.20 0.00	30.53 1.78 -3.33
BARRETT_IC_8 23711	31.39 2.03 -5.43	24.30 1.74 0.00	23.28 1.60 0.00	22.30 1.50 0.00	22.69 1.53 0.00	26.64 1.67 0.00	34.19 2.22 -0.28	41.06 2.42 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	36.45 2.55 -1.26	36.62 2.59 -1.72	35.75 2.60 -1.05	35.87 2.64 -0.67	35.88 2.71 -0.15	36.93 2.78 -0.23	40.55 3.14 -0.01	48.43 3.45 -1.92	55.03 3.85 -4.77	52.15 3.99 0.00	43.33 3.02 0.00	39.25 2.76 -1.49	32.82 2.21 0.00	30.51 1.75 -3.34
BARRETT_IC_9 23700	31.39 2.03 -5.43	24.30 1.74 0.00	23.28 1.60 0.00	22.30 1.50 0.00	22.69 1.53 0.00	26.64 1.67 0.00	34.19 2.22 -0.28	41.06 2.42 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	36.45 2.55 -1.26	36.62 2.59 -1.72	35.75 2.60 -1.05	35.87 2.64 -0.67	35.88 2.71 -0.15	36.93 2.78 -0.23	40.55 3.14 -0.01	48.43 3.45 -1.92	55.03 3.85 -4.77	52.15 3.99 0.00	43.33 3.02 0.00	39.25 2.76 -1.49	32.82 2.21 0.00	30.51 1.75 -3.34
BARRETT___1 23545	31.39 2.03 -5.43	24.30 1.74 0.00	23.28 1.60 0.00	22.30 1.50 0.00	22.69 1.53 0.00	26.64 1.67 0.00	34.19 2.22 -0.28	41.06 2.42 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	36.45 2.55 -1.26	36.62 2.59 -1.72	35.75 2.60 -1.05	35.87 2.64 -0.67	35.88 2.71 -0.15	36.93 2.78 -0.23	40.55 3.14 -0.01	48.43 3.45 -1.92	55.03 3.85 -4.77	52.15 3.99 0.00	43.33 3.02 0.00	39.25 2.76 -1.49	32.82 2.21 0.00	30.51 1.75 -3.34
BARRETT___2 23546	31.39 2.03 -5.43	24.30 1.74 0.00	23.28 1.60 0.00	22.30 1.50 0.00	22.69 1.53 0.00	26.64 1.67 0.00	34.19 2.22 -0.28	41.06 2.42 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	36.45 2.55 -1.26	36.62 2.59 -1.72	35.75 2.60 -1.05	35.87 2.64 -0.67	35.88 2.71 -0.15	36.93 2.78 -0.23	40.55 3.14 -0.01	48.43 3.45 -1.92	55.03 3.85 -4.77	52.15 3.99 0.00	43.33 3.02 0.00	39.25 2.76 -1.49	32.82 2.21 0.00	30.51 1.75 -3.34
BATAVIA__115KV_TB1 55881	22.99 -0.93 0.00	21.98 -0.59 0.00	21.15 -0.52 0.00	19.97 -0.83 0.00	20.58 -0.59 0.00	24.89 -0.07 0.00	31.47 -0.22 0.00	37.85 -0.62 0.00	37.16 -1.63 0.00	32.76 -1.51 0.00	31.14 -1.50 0.00	30.77 -1.55 0.00	30.63 -1.48 0.00	31.03 -1.53 0.00	31.51 -1.49 0.02	32.10 -1.80 0.02	35.00 -2.28 0.12	40.20 -2.33 0.53	44.55 -1.86 0.00	46.47 -1.69 0.00	38.56 -1.73 0.02	33.37 -1.61 0.02	29.91 -0.70 0.00	25.65 0.23 0.00
BAYONEEC___CTG1 323682	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.50 1.33 0.00	26.39 1.42 0.00	33.63 1.93 0.00	40.94 2.31 -0.17	41.23 2.44 0.00	36.39 2.13 0.00	34.96 2.32 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.04 2.47 0.00	35.56 2.54 0.00	36.49 2.58 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	26.97 1.55 0.00
BAYONEEC___CTG10 323750	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.50 1.33 0.00	26.39 1.42 0.00	33.63 1.93 0.00	40.94 2.31 -0.17	41.23 2.44 0.00	36.39 2.13 0.00	34.96 2.32 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.04 2.47 0.00	35.56 2.54 0.00	36.49 2.58 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	26.97 1.55 0.00
BAYONEEC___CTG2 323683	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.50 1.33 0.00	26.39 1.42 0.00	33.63 1.93 0.00	40.94 2.31 -0.17	41.23 2.44 0.00	36.39 2.13 0.00	34.96 2.32 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.04 2.47 0.00	35.56 2.54 0.00	36.49 2.58 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	26.97 1.55 0.00
BAYONEEC___CTG3 323684	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.50 1.33 0.00	26.39 1.42 0.00	33.63 1.93 0.00	40.94 2.31 -0.17	41.23 2.44 0.00	36.39 2.13 0.00	34.96 2.32 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.04 2.47 0.00	35.56 2.54 0.00	36.49 2.58 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	26.97 1.55 0.00
BAYONEEC___CTG4 323685	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.50 1.33 0.00	26.39 1.42 0.00	33.63 1.93 0.00	40.94 2.31 -0.17	41.23 2.44 0.00	36.39 2.13 0.00	34.96 2.32 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.04 2.47 0.00	35.56 2.54 0.00	36.49 2.58 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	26.97 1.55 0.00
BAYONEEC___CTG5 323686	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.50 1.33 0.00	26.39 1.42 0.00	33.63 1.93 0.00	40.94 2.31 -0.17	41.23 2.44 0.00	36.39 2.13 0.00	34.96 2.32 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.04 2.47 0.00	35.56 2.54 0.00	36.49 2.58 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	26.97 1.55 0.00
BAYONEEC___CTG6 323687	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.50 1.33 0.00	26.39 1.42 0.00	33.63 1.93 0.00	40.94 2.31 -0.17	41.23 2.44 0.00	36.39 2.13 0.00	34.96 2.32 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.04 2.47 0.00	35.56 2.54 0.00	36.49 2.58 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	26.97 1.55 0.00



BAYONEEC___CTG7 323688	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.50 1.33 0.00	26.39 1.42 0.00	33.63 1.93 0.00	40.94 2.31 -0.17	41.23 2.44 0.00	36.39 2.13 0.00	34.96 2.32 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.04 2.47 0.00	35.56 2.54 0.00	36.49 2.58 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	26.97 1.55 0.00
BAYONEEC___CTG8 323689	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.50 1.33 0.00	26.39 1.42 0.00	33.63 1.93 0.00	40.94 2.31 -0.17	41.23 2.44 0.00	36.39 2.13 0.00	34.96 2.32 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.04 2.47 0.00	35.56 2.54 0.00	36.49 2.58 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	26.97 1.55 0.00
BAYONEEC___CTG9 323749	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.50 1.33 0.00	26.39 1.42 0.00	33.63 1.93 0.00	40.94 2.31 -0.17	41.23 2.44 0.00	36.39 2.13 0.00	34.96 2.32 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.04 2.47 0.00	35.56 2.54 0.00	36.49 2.58 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	26.97 1.55 0.00
BEACON___LESR 323632	24.78 0.86 0.00	23.35 0.79 0.00	22.37 0.69 0.00	21.47 0.67 0.00	21.80 0.63 0.00	25.69 0.72 0.00	32.61 0.92 0.00	33.28 1.27 6.45	27.78 1.28 12.28	12.74 1.17 22.69	13.71 1.11 20.05	13.97 1.13 19.48	14.87 1.12 18.36	20.89 1.07 12.75	23.46 1.16 10.72	24.00 1.26 11.17	15.57 1.34 23.18	4.80 1.72 39.99	8.72 1.99 39.69	35.13 2.07 15.09	29.43 1.57 12.45	25.23 1.40 11.17	31.66 1.07 0.03	26.16 0.74 0.00
BEAVER RIVER___HYD 24048	23.59 -0.33 0.00	22.27 -0.29 0.00	21.37 -0.30 0.00	20.63 -0.17 0.00	21.04 -0.13 0.00	24.97 0.00 0.00	31.98 0.28 0.00	38.84 0.35 -0.03	39.12 0.16 -0.18	34.52 0.07 -0.18	32.51 -0.13 0.00	32.10 -0.22 0.00	31.78 -0.32 0.00	32.18 -0.39 0.00	32.49 -0.53 0.00	33.59 -0.47 -0.15	36.79 -0.64 -0.03	42.63 -0.51 -0.08	46.27 -0.32 -0.18	48.42 -0.05 -0.31	40.42 0.00 -0.11	35.02 -0.07 -0.10	30.44 -0.18 0.00	25.37 -0.05 0.00
BEEBEE_GT_13 23619	23.32 -0.60 0.00	22.20 -0.36 0.00	21.33 -0.35 0.00	20.24 -0.56 0.00	20.77 -0.40 0.00	24.94 -0.02 0.00	31.54 -0.16 0.00	38.08 -0.38 0.00	37.74 -1.05 0.00	33.34 -0.93 0.00	31.70 -0.95 0.00	31.38 -0.94 0.00	31.24 -0.87 0.00	31.65 -0.91 0.00	32.11 -0.89 0.02	32.68 -1.22 0.02	35.63 -1.68 0.09	40.78 -1.85 0.43	45.30 -1.11 0.00	47.15 -1.01 0.00	39.25 -1.05 0.02	33.96 -1.01 0.02	30.19 -0.43 0.00	25.52 0.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.03 2.10 -0.01	24.33 1.76 -0.01	23.24 1.56 -0.01	22.31 1.50 -0.01	22.66 1.48 -0.01	26.62 1.65 -0.01	33.91 2.22 0.00	41.13 2.50 -0.17	41.42 2.64 0.00	36.67 2.40 0.00	35.19 2.55 0.00	34.97 2.65 0.00	34.80 2.70 0.00	35.37 2.80 0.00	35.86 2.84 0.00	36.83 2.92 0.00	40.58 3.18 0.00	46.50 3.44 0.00	50.22 3.81 0.00	52.11 3.95 0.00	43.17 2.86 0.00	37.73 2.73 0.00	32.92 2.30 -0.01	27.26 1.83 -0.01
BETHLEHEM___GRP 23843	24.45 0.53 0.00	23.04 0.47 0.00	22.08 0.41 0.00	21.20 0.40 0.00	21.53 0.36 0.00	25.34 0.37 0.00	32.11 0.41 0.00	35.74 0.62 3.34	33.07 0.66 6.37	23.14 0.65 11.78	22.89 0.65 10.41	22.89 0.68 10.11	23.25 0.67 9.53	26.57 0.62 6.62	28.15 0.69 5.56	28.86 0.75 5.80	26.16 0.79 12.03	23.25 0.95 20.76	26.97 1.16 20.60	41.53 1.20 7.83	34.69 0.85 6.46	30.00 0.80 5.80	31.18 0.58 0.02	25.73 0.31 0.00
BETHLEHEM___GS1 323560	24.45 0.53 0.00	23.04 0.47 0.00	22.06 0.39 0.00	21.20 0.39 0.00	21.53 0.36 0.00	25.34 0.38 0.00	32.11 0.41 0.00	35.78 0.65 3.34	33.07 0.66 6.37	23.14 0.65 11.78	22.89 0.65 10.41	22.89 0.68 10.11	23.25 0.68 9.53	26.57 0.62 6.62	28.15 0.69 5.56	28.86 0.75 5.80	26.16 0.79 12.03	23.25 0.95 20.76	26.97 1.16 20.60	41.53 1.20 7.83	34.69 0.85 6.46	30.00 0.81 5.80	31.18 0.58 0.02	25.73 0.31 0.00
BETHLEHEM___GS2 323561	24.45 0.53 0.00	23.04 0.47 0.00	22.06 0.39 0.00	21.20 0.39 0.00	21.53 0.36 0.00	25.34 0.38 0.00	32.11 0.41 0.00	35.78 0.65 3.34	33.07 0.66 6.37	23.14 0.65 11.78	22.89 0.65 10.41	22.89 0.68 10.11	23.25 0.68 9.53	26.57 0.62 6.62	28.15 0.69 5.56	28.86 0.75 5.80	26.16 0.79 12.03	23.25 0.95 20.76	26.97 1.16 20.60	41.53 1.20 7.83	34.69 0.85 6.46	30.00 0.81 5.80	31.18 0.58 0.02	25.73 0.31 0.00
BETHLEHEM___GS3 323562	24.45 0.53 0.00	23.04 0.47 0.00	22.06 0.39 0.00	21.20 0.39 0.00	21.53 0.36 0.00	25.34 0.38 0.00	32.11 0.41 0.00	35.78 0.65 3.34	33.07 0.66 6.37	23.14 0.65 11.78	22.89 0.65 10.41	22.89 0.68 10.11	23.25 0.68 9.53	26.57 0.62 6.62	28.15 0.69 5.56	28.86 0.75 5.80	26.16 0.79 12.03	23.25 0.95 20.76	26.97 1.16 20.60	41.53 1.20 7.83	34.69 0.85 6.46	30.00 0.81 5.80	31.18 0.58 0.02	25.73 0.31 0.00
BETHLEHEM___STEEL 23779	22.87 -1.05 0.00	21.86 -0.70 0.00	21.04 -0.63 0.00	19.87 -0.94 0.00	20.47 -0.70 0.00	24.79 -0.17 0.00	31.19 -0.51 0.00	37.23 -1.23 0.00	36.50 -2.29 0.00	32.25 -2.02 0.00	30.72 -1.93 0.00	30.35 -1.97 0.00	30.14 -1.96 0.00	30.61 -1.95 0.00	31.05 -1.95 0.03	31.82 -2.07 0.03	35.04 -2.24 0.12	39.74 -2.67 0.65	43.76 -2.65 0.00	45.60 -2.55 0.00	37.87 -2.42 0.03	32.80 -2.17 0.03	29.61 -1.01 0.00	25.60 0.18 0.00
BETHLHEM_115KV_TB1 79974	24.52 0.60 0.00	23.08 0.52 0.00	22.13 0.46 0.00	21.24 0.44 0.00	21.57 0.40 0.00	25.39 0.42 0.00	32.17 0.48 0.00	36.07 0.69 3.09	33.63 0.74 5.90	24.10 0.72 10.89	23.74 0.72 9.62	23.71 0.74 9.35	24.03 0.74 8.81	27.13 0.68 6.12	28.63 0.76 5.14	29.37 0.81 5.36	27.13 0.86 11.13	24.90 1.03 19.20	28.56 1.21 19.05	42.16 1.25 7.25	35.26 0.93 5.98	30.51 0.87 5.36	31.25 0.64 0.02	25.80 0.38 0.00
BETHPAGE_CC_5 323564	31.46 2.11 -5.43	24.43 1.87 0.00	23.38 1.71 0.00	22.40 1.60 0.00	22.82 1.65 0.00	26.76 1.80 0.00	34.25 2.28 -0.28	41.06 2.42 -0.17	41.23 2.44 0.00	36.56 2.30 0.00	36.51 2.61 -1.26	36.69 2.65 -1.72	35.85 2.70 -1.05	35.97 2.74 -0.67	35.97 2.81 -0.15	37.03 2.88 -0.23	40.63 3.22 -0.01	48.51 3.53 -1.92	55.13 3.94 -4.77	52.25 4.09 0.00	43.41 3.10 0.00	39.29 2.80 -1.49	32.92 2.30 0.00	30.64 1.88 -3.34
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.92 -1.00 0.00	21.93 -0.63 0.00	21.11 -0.56 0.00	19.93 -0.87 0.00	20.53 -0.64 0.00	24.87 -0.10 0.00	31.28 -0.41 0.00	37.35 -1.12 0.00	36.61 -2.17 0.00	32.35 -1.92 0.00	30.81 -1.83 0.00	30.41 -1.91 0.00	30.21 -1.89 0.00	30.68 -1.89 0.00	31.11 -1.88 0.03	31.99 -1.90 0.03	35.33 -1.94 0.12	40.07 -2.33 0.66	43.90 -2.51 0.00	45.75 -2.41 0.00	37.95 -2.34 0.03	32.87 -2.10 0.03	29.67 -0.95 0.00	25.65 0.23 0.00



BINGHAMTON___COGEN 23790	23.99 0.07 0.00	22.70 0.14 0.00	21.80 0.13 0.00	20.82 0.02 0.00	21.25 0.08 0.00	25.22 0.25 0.00	31.98 0.29 0.00	38.79 0.31 -0.02	39.16 0.23 -0.14	34.62 0.21 -0.14	32.84 0.20 0.00	32.51 0.19 0.00	32.33 0.22 0.00	32.79 0.23 0.00	33.23 0.20 -0.01	34.32 0.27 -0.13	37.82 0.34 -0.08	43.71 0.30 -0.35	47.06 0.51 -0.14	48.93 0.53 -0.25	40.73 0.32 -0.10	35.36 0.28 -0.09	30.92 0.31 0.00	25.80 0.38 0.00
BIXINCNT_115KV_LOAD 355685	22.94 -0.98 0.00	21.95 -0.61 0.00	21.15 -0.52 0.00	20.05 -0.75 0.00	20.66 -0.51 0.00	24.94 -0.02 0.00	31.57 -0.13 0.00	37.69 -0.77 0.00	36.73 -2.06 0.00	32.38 -1.88 0.00	30.81 -1.83 0.00	30.35 -1.97 0.00	30.11 -1.99 0.00	30.51 -2.05 0.00	30.94 -2.05 0.03	32.13 -1.76 0.03	35.73 -1.53 0.14	40.44 -1.89 0.73	44.04 -2.37 0.00	45.80 -2.36 0.00	37.98 -2.30 0.03	32.94 -2.03 0.03	29.64 -0.98 0.00	25.70 0.28 0.00
BLACK RIVER___HYD 24047	23.73 -0.19 0.00	22.41 -0.16 0.00	21.50 -0.17 0.00	20.72 -0.08 0.00	21.11 -0.06 0.00	25.09 0.13 0.00	32.14 0.44 0.00	39.12 0.61 -0.05	39.44 0.35 -0.30	34.82 0.24 -0.31	32.64 0.00 0.00	32.22 -0.10 0.00	31.88 -0.22 0.00	32.30 -0.26 0.00	32.66 -0.36 0.00	33.90 -0.27 -0.25	37.07 -0.37 -0.04	42.94 -0.26 -0.14	46.85 0.14 -0.30	49.12 0.43 -0.53	40.81 0.32 -0.18	35.30 0.14 -0.16	30.59 -0.03 0.00	25.50 0.08 0.00
BLACKRVR_115KV_TB2 79977	23.73 -0.19 0.00	22.40 -0.16 0.00	21.48 -0.20 0.00	20.72 -0.08 0.00	21.11 -0.06 0.00	25.09 0.12 0.00	32.14 0.44 0.00	39.16 0.65 -0.05	39.44 0.35 -0.30	34.81 0.24 -0.31	32.64 0.00 0.00	32.22 -0.10 0.00	31.88 -0.22 0.00	32.27 -0.29 0.00	32.66 -0.36 0.00	33.90 -0.27 -0.25	37.07 -0.37 -0.04	42.94 -0.26 -0.14	46.85 0.14 -0.30	49.12 0.43 -0.53	40.82 0.32 -0.18	35.30 0.14 -0.16	30.59 -0.03 0.00	25.50 0.08 0.00
BLISS_WT_PWR 323608	22.87 -1.05 0.00	21.84 -0.72 0.00	21.13 -0.54 0.00	20.01 -0.79 0.00	20.58 -0.59 0.00	24.89 -0.07 0.00	31.54 -0.16 0.00	37.46 -1.00 0.00	36.58 -2.21 0.00	32.32 -1.95 0.00	30.69 -1.96 0.00	30.25 -2.07 0.00	30.02 -2.09 0.00	30.48 -2.08 0.00	30.81 -2.18 0.03	31.85 -2.03 0.03	35.62 -1.64 0.14	40.31 -2.02 0.73	43.95 -2.46 0.00	45.65 -2.51 0.00	37.82 -2.46 0.03	32.83 -2.14 0.03	29.58 -1.04 0.00	25.75 0.33 0.00
BLUESTONE___WT_PWR 323821	24.90 0.98 0.00	23.53 0.97 0.00	22.56 0.89 0.00	21.65 0.85 0.00	22.08 0.91 0.00	26.21 1.25 0.00	33.53 1.84 0.00	40.79 2.31 -0.02	41.00 2.09 -0.12	36.27 1.88 -0.12	34.27 1.63 0.00	33.87 1.55 0.00	33.64 1.54 0.00	34.16 1.60 0.00	34.64 1.58 -0.03	35.74 1.70 -0.13	39.49 1.91 -0.19	46.18 2.24 -0.88	49.31 2.78 -0.12	51.35 2.99 -0.21	42.75 2.34 -0.10	37.01 1.92 -0.10	32.15 1.53 0.00	26.82 1.40 0.00
BLUE_CIRC_CHEM_DRP 24182	24.71 0.79 0.00	23.31 0.74 0.00	22.37 0.69 0.00	21.45 0.64 0.00	21.78 0.61 0.00	25.64 0.67 0.00	32.49 0.79 0.00	36.18 1.08 3.36	33.38 1.01 6.41	23.31 0.89 11.84	22.99 0.82 10.47	22.93 0.78 10.17	23.29 0.77 9.58	26.66 0.75 6.65	28.25 0.83 5.59	29.00 0.92 5.83	26.31 1.01 12.10	23.48 1.29 20.88	27.27 1.58 20.72	41.91 1.64 7.88	35.10 1.29 6.50	30.35 1.19 5.83	31.52 0.92 0.02	26.06 0.64 0.00
BOC_GAS_DRP 24189	24.64 0.72 0.00	23.19 0.63 0.00	22.26 0.59 0.00	21.36 0.56 0.00	21.70 0.53 0.00	25.52 0.55 0.00	32.36 0.67 0.00	37.66 0.88 1.69	36.45 0.89 3.23	29.12 0.82 5.97	28.22 0.85 5.28	28.07 0.87 5.13	28.17 0.90 4.83	30.09 0.88 3.36	31.12 0.92 2.82	31.93 0.95 2.94	32.35 1.05 6.10	33.70 1.16 10.53	37.31 1.35 10.45	45.58 1.40 3.97	38.12 1.09 3.28	33.07 1.01 2.94	31.37 0.77 0.01	25.96 0.53 0.00
BOONVILLE_115KV_TB1 79983	24.09 0.17 0.00	22.74 0.18 0.00	21.80 0.13 0.00	21.01 0.21 0.00	21.40 0.23 0.00	25.34 0.37 0.00	32.36 0.67 0.00	39.32 0.85 -0.01	39.57 0.70 -0.09	35.01 0.65 -0.09	33.13 0.49 0.00	32.77 0.45 0.00	32.49 0.39 0.00	32.96 0.39 0.00	33.35 0.33 0.00	34.36 0.37 -0.07	37.71 0.30 -0.01	43.53 0.43 -0.04	47.19 0.70 -0.09	49.22 0.91 -0.15	41.09 0.73 -0.05	35.60 0.56 -0.05	30.99 0.37 0.00	25.78 0.36 0.00
BORALEX_4TH_BRANCH 23824	25.59 1.67 0.00	24.07 1.51 0.00	23.08 1.41 0.00	22.13 1.33 0.00	22.50 1.33 0.00	26.46 1.50 0.00	33.47 1.77 0.00	43.72 2.50 -2.75	46.37 2.48 -5.10	45.95 2.26 -9.42	43.22 2.25 -8.32	42.67 2.26 -8.08	41.97 2.25 -7.62	40.10 2.25 -5.29	39.78 2.31 -4.45	40.96 2.41 -4.64	49.71 2.69 -9.62	62.67 3.01 -16.60	66.27 3.39 -16.47	57.89 3.47 -6.26	48.26 2.78 -5.17	42.08 2.45 -4.64	32.71 2.08 -0.01	26.82 1.40 0.00
BOWLINE___1 23526	25.31 1.39 0.00	23.74 1.17 0.00	22.73 1.06 0.00	21.78 0.98 0.00	22.14 0.97 0.00	25.97 1.00 0.00	33.06 1.36 0.00	40.04 1.58 0.00	40.45 1.67 0.00	35.74 1.47 0.00	34.24 1.60 0.00	33.97 1.65 0.00	33.80 1.70 0.00	34.26 1.69 0.00	34.80 1.78 0.00	35.75 1.83 0.00	39.53 2.13 0.00	45.34 2.28 0.00	49.01 2.60 0.00	50.85 2.70 0.00	42.28 1.97 0.00	36.78 1.78 0.00	32.03 1.41 0.00	26.51 1.09 0.00
BOWLINE___2 23595	25.31 1.39 0.00	23.74 1.17 0.00	22.73 1.06 0.00	21.78 0.98 0.00	22.14 0.97 0.00	25.97 1.00 0.00	33.06 1.36 0.00	40.04 1.58 0.00	40.45 1.67 0.00	35.74 1.47 0.00	34.24 1.60 0.00	33.97 1.65 0.00	33.80 1.70 0.00	34.26 1.69 0.00	34.80 1.78 0.00	35.75 1.83 0.00	39.53 2.13 0.00	45.34 2.28 0.00	49.01 2.60 0.00	50.85 2.70 0.00	42.28 1.97 0.00	36.78 1.78 0.00	32.03 1.41 0.00	26.51 1.09 0.00
BRADY___115KV_TB2 356060	23.44 -0.48 0.00	22.18 -0.38 0.00	21.33 -0.35 0.00	20.57 -0.23 0.00	20.96 -0.21 0.00	24.77 -0.20 0.00	31.76 0.06 0.00	38.58 0.12 0.00	38.94 0.16 0.00	34.23 -0.03 0.00	32.38 -0.26 0.00	31.93 -0.39 0.00	31.56 -0.55 0.00	32.11 -0.46 0.00	32.29 -0.73 0.00	33.21 -0.71 0.00	36.80 -0.60 0.00	42.76 -0.30 0.00	45.71 -0.70 0.00	47.43 -0.72 0.00	39.99 -0.32 0.00	34.58 -0.42 0.00	30.25 -0.37 0.00	25.22 -0.20 0.00
BRANSCOMB___SOLAR 323811	25.40 1.48 0.00	23.96 1.40 0.00	22.93 1.26 0.00	21.99 1.19 0.00	22.33 1.16 0.00	26.34 1.37 0.00	33.44 1.74 0.00	42.86 2.23 -2.17	44.95 2.17 -3.99	43.52 1.88 -7.37	40.85 1.70 -6.51	40.29 1.65 -6.33	39.70 1.64 -5.96	38.30 1.60 -4.14	38.22 1.72 -3.48	39.38 1.83 -3.63	46.87 1.94 -7.53	58.67 2.63 -12.99	62.41 3.11 -12.89	56.29 3.23 -4.90	46.85 2.50 -4.04	40.83 2.21 -3.63	32.40 1.78 -0.01	26.79 1.37 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.79 2.44 -5.43	24.59 2.03 0.00	23.60 1.93 0.00	22.51 1.71 0.00	22.91 1.74 0.00	27.04 2.07 0.00	34.78 2.82 -0.27	41.29 2.65 -0.17	41.66 2.87 0.00	37.04 2.78 0.00	36.93 3.04 -1.25	37.10 3.07 -1.71	36.29 3.15 -1.04	36.42 3.19 -0.67	36.43 3.27 -0.14	37.53 3.39 -0.22	41.18 3.78 0.00	49.28 4.31 -1.91	55.91 4.73 -4.77	52.97 4.82 0.00	44.02 3.71 0.00	39.84 3.36 -1.49	33.34 2.72 0.00	31.02 2.26 -3.33



BRISTLHL_115KV_TB1 79998	23.54 -0.38 0.00	22.22 -0.34 0.00	21.35 -0.33 0.00	20.47 -0.33 0.00	20.85 -0.32 0.00	24.67 -0.30 0.00	31.28 -0.41 0.00	38.03 -0.54 -0.10	38.71 -0.74 -0.66	34.29 -0.65 -0.67	32.02 -0.62 0.00	31.71 -0.61 0.00	31.49 -0.61 0.00	31.95 -0.62 0.00	32.39 -0.63 0.00	33.82 -0.64 -0.55	36.71 -0.79 -0.10	42.41 -0.95 -0.30	46.38 -0.70 -0.66	48.59 -0.72 -1.15	40.03 -0.69 -0.40	34.72 -0.63 -0.35	30.13 -0.49 0.00	25.07 -0.36 0.00
BROOKHAVEN___DRP 24191	31.86 2.51 -5.43	24.53 1.96 0.00	23.56 1.89 0.00	22.47 1.66 0.00	22.84 1.67 0.00	26.99 2.02 0.00	34.69 2.73 -0.27	41.17 2.54 -0.17	41.54 2.75 0.00	36.87 2.60 0.00	36.73 2.84 -1.25	36.87 2.84 -1.71	35.97 2.83 -1.04	36.13 2.90 -0.67	36.20 3.04 -0.14	37.43 3.29 -0.22	41.25 3.85 0.00	49.46 4.48 -1.92	56.05 4.87 -4.77	53.07 4.91 0.00	44.06 3.75 -0.01	39.81 3.32 -1.49	33.13 2.51 0.00	30.94 2.19 -3.33
BROOKLYN_NAVY_YARD 23515	25.81 1.89 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.09 1.29 0.00	22.50 1.33 0.00	26.41 1.45 0.00	33.63 1.93 0.00	40.98 2.35 -0.17	41.23 2.44 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.71 2.39 0.00	34.54 2.44 0.00	35.04 2.47 0.00	35.56 2.54 0.00	36.49 2.58 0.00	40.28 2.88 0.00	46.20 3.14 0.00	49.89 3.48 0.00	51.81 3.66 0.00	43.01 2.70 0.00	37.48 2.48 0.00	32.61 1.99 0.00	27.00 1.58 0.00
BROOKLYN___ARMY_DRP 323595	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
BROOKVLE_69_KV_TB1 55790	31.57 2.22 -5.43	24.41 1.85 0.00	23.38 1.71 0.00	22.36 1.56 0.00	22.76 1.59 0.00	26.81 1.85 0.00	34.43 2.47 -0.27	40.98 2.35 -0.17	41.35 2.56 0.00	36.91 2.64 0.00	36.80 2.91 -1.25	36.97 2.94 -1.71	36.13 2.99 -1.04	36.26 3.03 -0.67	36.23 3.07 -0.14	37.29 3.15 -0.22	40.84 3.44 0.00	48.72 3.75 -1.91	55.35 4.18 -4.76	52.39 4.24 0.00	43.53 3.22 0.00	39.60 3.11 -1.49	33.07 2.45 0.00	30.74 1.98 -3.33
BROOME_2_LFGE 323671	23.99 0.07 0.00	22.68 0.11 0.00	21.80 0.13 0.00	20.82 0.02 0.00	21.23 0.06 0.00	25.19 0.22 0.00	31.98 0.28 0.00	38.76 0.27 -0.02	39.16 0.23 -0.14	34.62 0.21 -0.14	32.84 0.20 0.00	32.52 0.20 0.00	32.33 0.23 0.00	32.79 0.23 0.00	33.23 0.20 -0.01	34.29 0.24 -0.13	37.82 0.34 -0.08	43.72 0.30 -0.35	47.06 0.51 -0.14	48.93 0.53 -0.25	40.73 0.32 -0.10	35.33 0.25 -0.09	30.92 0.31 0.00	25.80 0.38 0.00
BROOME___LFGE 323600	23.99 0.07 0.00	22.68 0.11 0.00	21.80 0.13 0.00	20.82 0.02 0.00	21.23 0.06 0.00	25.19 0.22 0.00	31.98 0.28 0.00	38.76 0.27 -0.02	39.16 0.23 -0.14	34.62 0.21 -0.14	32.84 0.20 0.00	32.52 0.20 0.00	32.33 0.23 0.00	32.79 0.23 0.00	33.23 0.20 -0.01	34.29 0.24 -0.13	37.82 0.34 -0.08	43.72 0.30 -0.35	47.06 0.51 -0.14	48.93 0.53 -0.25	40.73 0.32 -0.10	35.33 0.25 -0.09	30.92 0.31 0.00	25.80 0.38 0.00
BROWNFLS_115KV_TB_3_5 80003	23.42 -0.50 0.00	22.13 -0.43 0.00	21.24 -0.43 0.00	20.53 -0.27 0.00	20.92 -0.25 0.00	24.77 -0.20 0.00	31.70 0.00 0.00	38.48 0.00 -0.02	38.83 -0.08 -0.13	34.19 -0.21 -0.13	32.25 -0.39 0.00	31.80 -0.52 0.00	31.46 -0.64 0.00	31.88 -0.68 0.00	32.09 -0.92 0.00	33.11 -0.92 -0.10	36.45 -0.97 -0.02	42.26 -0.86 -0.06	45.61 -0.93 -0.13	47.56 -0.82 -0.22	39.82 -0.56 -0.08	34.54 -0.52 -0.07	30.10 -0.52 0.00	25.14 -0.28 0.00
BROWNSV1_27_KV_LOAD 356125	25.98 2.06 0.00	24.25 1.69 0.00	23.19 1.52 0.00	22.24 1.44 0.00	22.61 1.44 0.00	26.56 1.60 0.00	33.88 2.19 0.00	41.21 2.58 -0.17	41.50 2.72 0.00	36.67 2.40 0.00	35.19 2.55 0.00	34.94 2.62 0.00	34.80 2.70 0.00	35.33 2.77 0.00	35.83 2.81 0.00	36.80 2.88 0.00	40.62 3.22 0.00	46.55 3.49 0.00	50.26 3.85 0.00	52.15 4.00 0.00	43.33 3.02 0.00	37.76 2.76 0.00	32.85 2.24 0.00	27.20 1.78 0.00
BURROWS___LYONSDAL 23803	23.97 0.05 0.00	22.61 0.05 0.00	21.69 0.02 0.00	20.91 0.10 0.00	21.32 0.15 0.00	25.24 0.27 0.00	32.27 0.57 0.00	39.21 0.73 -0.02	39.47 0.58 -0.10	34.89 0.51 -0.11	33.00 0.36 0.00	32.61 0.29 0.00	32.33 0.22 0.00	32.76 0.20 0.00	33.15 0.13 0.00	34.17 0.17 -0.09	37.49 0.07 -0.02	43.28 0.17 -0.05	46.93 0.42 -0.11	49.06 0.72 -0.18	40.94 0.56 -0.06	35.47 0.42 -0.06	30.86 0.24 0.00	25.68 0.25 0.00
CAITHNESS_CC_1 323624	31.87 2.51 -5.43	24.66 2.10 0.00	23.62 1.95 0.00	22.61 1.81 0.00	23.03 1.86 0.00	27.01 2.05 0.00	34.73 2.76 -0.28	41.55 2.92 -0.17	41.58 2.79 0.00	36.74 2.47 0.00	36.68 2.77 -1.26	36.82 2.78 -1.72	35.92 2.76 -1.05	36.04 2.80 -0.67	36.11 2.94 -0.15	37.33 3.19 -0.23	41.15 3.74 -0.01	49.28 4.31 -1.91	55.81 4.64 -4.76	52.92 4.77 0.00	43.97 3.67 0.01	39.67 3.18 -1.49	33.07 2.45 0.00	30.85 2.09 -3.34
CALPINE BETH_PAGE_GT4 24209	31.50 2.15 -5.43	24.37 1.80 0.00	23.36 1.69 0.00	22.32 1.52 0.00	22.69 1.52 0.00	26.74 1.77 0.00	34.21 2.25 -0.27	40.75 2.12 -0.17	41.11 2.33 0.00	36.60 2.33 0.00	36.51 2.61 -1.25	36.68 2.65 -1.71	35.84 2.70 -1.04	36.00 2.77 -0.67	35.97 2.81 -0.14	37.02 2.88 -0.22	40.58 3.18 0.00	48.50 3.53 -1.91	55.12 3.94 -4.76	52.15 4.00 0.00	43.37 3.06 0.00	39.28 2.80 -1.49	32.88 2.27 0.00	30.71 1.96 -3.33
CALPINE_BETH_PAGE_GT_4 323586	31.51 2.15 -5.43	24.46 1.90 0.00	23.41 1.73 0.00	22.42 1.62 0.00	22.84 1.67 0.00	26.79 1.82 0.00	34.25 2.28 -0.28	41.06 2.42 -0.17	41.27 2.48 0.00	36.56 2.30 0.00	36.51 2.61 -1.26	36.69 2.65 -1.72	35.85 2.70 -1.05	35.97 2.74 -0.67	36.01 2.84 -0.15	37.03 2.88 -0.23	40.66 3.25 -0.01	48.55 3.57 -1.92	55.13 3.94 -4.77	52.25 4.09 0.00	43.46 3.15 0.00	39.32 2.83 -1.49	32.88 2.27 0.00	30.69 1.93 -3.34
CALPINE_BP_GT1 23823	31.51 2.15 -5.43	24.46 1.90 0.00	23.41 1.73 0.00	22.42 1.62 0.00	22.84 1.67 0.00	26.79 1.82 0.00	34.25 2.28 -0.28	41.06 2.42 -0.17	41.27 2.48 0.00	36.56 2.30 0.00	36.51 2.61 -1.26	36.69 2.65 -1.72	35.85 2.70 -1.05	35.97 2.74 -0.67	36.01 2.84 -0.15	37.03 2.88 -0.23	40.66 3.25 -0.01	48.55 3.57 -1.92	55.13 3.94 -4.77	52.25 4.09 0.00	43.46 3.15 0.00	39.32 2.83 -1.49	32.88 2.27 0.00	30.69 1.93 -3.34
CALSPAN___DRP 24200	22.87 -1.05 0.00	21.86 -0.70 0.00	21.04 -0.63 0.00	19.87 -0.94 0.00	20.47 -0.70 0.00	24.79 -0.17 0.00	31.19 -0.51 0.00	37.23 -1.23 0.00	36.50 -2.29 0.00	32.25 -2.02 0.00	30.72 -1.93 0.00	30.35 -1.97 0.00	30.14 -1.96 0.00	30.61 -1.95 0.00	31.05 -1.95 0.03	31.82 -2.07 0.03	35.04 -2.24 0.12	39.74 -2.67 0.65	43.76 -2.65 0.00	45.60 -2.55 0.00	37.87 -2.42 0.03	32.80 -2.17 0.03	29.61 -1.01 0.00	25.60 0.18 0.00



CALVERTON___SOLAR 323806	32.03 2.68 -5.43	24.80 2.23 0.00	23.75 2.08 0.00	22.74 1.93 0.00	23.14 1.97 0.00	27.16 2.20 0.00	34.92 2.95 -0.28	41.79 3.15 -0.17	41.81 3.03 0.00	36.91 2.64 0.00	36.84 2.94 -1.26	36.95 2.91 -1.72	36.01 2.86 -1.05	36.17 2.93 -0.67	36.24 3.07 -0.15	37.54 3.39 -0.23	41.45 4.04 -0.01	49.68 4.69 -1.93	56.25 5.06 -4.78	53.36 5.20 0.00	44.31 3.99 -0.01	39.92 3.43 -1.49	33.19 2.57 0.00	30.97 2.21 -3.34
CANDIGU_WT_PWR 323617	23.35 -0.57 0.00	22.20 -0.36 0.00	21.39 -0.28 0.00	20.28 -0.52 0.00	20.77 -0.40 0.00	24.97 0.00 0.00	31.13 -0.57 0.00	36.89 -1.58 0.00	36.22 -2.56 0.00	32.07 -2.19 0.00	30.46 -2.19 0.00	30.12 -2.20 0.00	29.85 -2.25 0.00	30.35 -2.22 0.00	30.66 -2.31 0.05	31.50 -2.38 0.05	34.85 -2.32 0.24	39.18 -2.71 1.17	44.46 -1.95 0.00	46.18 -1.98 0.00	38.29 -1.97 0.05	33.17 -1.78 0.05	29.76 -0.86 0.00	25.62 0.20 0.00
CARR STREET_E_SYR 24060	23.63 -0.29 0.00	22.31 -0.25 0.00	21.46 -0.22 0.00	20.55 -0.25 0.00	20.94 -0.23 0.00	24.79 -0.17 0.00	31.44 -0.25 0.00	38.15 -0.35 -0.03	38.48 -0.51 -0.20	34.03 -0.45 -0.21	32.19 -0.46 0.00	31.90 -0.42 0.00	31.68 -0.42 0.00	32.18 -0.39 0.00	32.59 -0.43 0.00	33.61 -0.47 -0.17	36.87 -0.56 -0.03	42.42 -0.73 -0.09	46.15 -0.46 -0.20	48.03 -0.48 -0.35	39.91 -0.53 -0.12	34.65 -0.46 -0.11	30.28 -0.34 0.00	25.22 -0.20 0.00
CARTHAGE___PAPER 23857	23.59 -0.33 0.00	22.29 -0.27 0.00	21.39 -0.28 0.00	20.63 -0.17 0.00	21.04 -0.13 0.00	24.97 0.00 0.00	32.01 0.32 0.00	38.97 0.46 -0.04	39.28 0.23 -0.26	34.63 0.10 -0.26	32.55 -0.10 0.00	32.10 -0.22 0.00	31.75 -0.35 0.00	32.18 -0.39 0.00	32.52 -0.49 0.00	33.69 -0.44 -0.21	36.88 -0.56 -0.04	42.79 -0.39 -0.12	46.53 -0.14 -0.26	48.75 0.14 -0.45	40.59 0.12 -0.15	35.13 0.00 -0.14	30.50 -0.12 0.00	25.40 -0.03 0.00
CASSADAGA_WT_PWR 323784	23.04 -0.88 0.00	22.07 -0.50 0.00	21.37 -0.30 0.00	20.16 -0.64 0.00	20.68 -0.49 0.00	25.07 0.10 0.00	31.79 0.10 0.00	37.93 -0.54 0.00	36.96 -1.82 0.00	32.66 -1.61 0.00	31.01 -1.63 0.00	30.57 -1.75 0.00	30.31 -1.80 0.00	30.87 -1.69 0.00	31.11 -1.88 0.03	31.85 -2.03 0.03	35.47 -1.79 0.14	40.26 -2.07 0.73	44.32 -2.09 0.00	46.28 -1.88 0.00	38.31 -1.97 0.03	33.15 -1.82 0.03	30.01 -0.61 0.00	26.11 0.69 0.00
CE_DUNWOOD___DRP 24194	25.62 1.70 0.00	23.98 1.42 0.00	22.95 1.28 0.00	22.01 1.21 0.00	22.38 1.21 0.00	26.26 1.30 0.00	33.44 1.74 0.00	40.67 2.04 -0.17	40.92 2.13 0.00	36.19 1.92 0.00	34.70 2.06 0.00	34.45 2.13 0.00	34.29 2.18 0.00	34.78 2.21 0.00	35.30 2.28 0.00	36.22 2.31 0.00	40.02 2.62 0.00	45.90 2.84 0.00	49.57 3.16 0.00	51.38 3.23 0.00	42.73 2.42 0.00	37.24 2.24 0.00	32.39 1.78 0.00	26.82 1.40 0.00
CE_MILLWOOD___DRP 24193	25.52 1.60 0.00	23.94 1.38 0.00	22.89 1.21 0.00	21.97 1.16 0.00	22.31 1.14 0.00	26.19 1.22 0.00	33.34 1.65 0.00	40.39 1.92 0.00	40.80 2.02 0.00	36.12 1.85 0.00	34.60 1.96 0.00	34.36 2.04 0.00	34.19 2.09 0.00	34.68 2.12 0.00	35.20 2.18 0.00	36.12 2.20 0.00	39.91 2.51 0.00	45.77 2.71 0.00	49.43 3.02 0.00	51.29 3.13 0.00	42.65 2.34 0.00	37.13 2.13 0.00	32.33 1.71 0.00	26.77 1.35 0.00
CE_NYC2_DRP 24202	25.91 1.99 -0.01	24.22 1.65 -0.01	23.15 1.47 -0.01	22.22 1.41 -0.01	22.60 1.42 -0.01	26.52 1.55 -0.01	33.79 2.09 0.00	40.94 2.31 -0.17	41.23 2.44 0.00	36.49 2.23 0.00	35.03 2.38 0.00	34.81 2.49 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.66 2.64 0.00	36.63 2.71 0.00	40.36 2.95 0.00	46.25 3.19 0.00	49.89 3.48 0.00	51.77 3.61 0.00	42.97 2.66 0.00	37.55 2.55 0.00	32.77 2.14 -0.01	27.13 1.70 -0.01
CE_NYC_DRP 24195	25.83 1.91 0.00	24.14 1.58 0.00	23.08 1.41 0.00	22.13 1.33 0.00	22.50 1.33 0.00	26.44 1.47 0.00	33.69 2.00 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.49 2.23 0.00	35.03 2.38 0.00	34.78 2.46 0.00	34.61 2.50 0.00	35.14 2.57 0.00	35.63 2.61 0.00	36.60 2.68 0.00	40.36 2.95 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.82 3.66 0.00	43.05 2.74 0.00	37.52 2.52 0.00	32.67 2.05 0.00	27.05 1.63 0.00
CHAFFEE___LFGE 323603	22.89 -1.03 0.00	21.84 -0.72 0.00	21.13 -0.54 0.00	19.89 -0.91 0.00	20.45 -0.72 0.00	24.82 -0.15 0.00	31.28 -0.41 0.00	37.20 -1.27 0.00	36.54 -2.25 0.00	32.35 -1.92 0.00	30.75 -1.89 0.00	30.41 -1.91 0.00	30.21 -1.89 0.00	30.84 -1.73 0.00	31.14 -1.85 0.03	31.86 -2.03 0.03	35.25 -2.02 0.13	39.96 -2.41 0.69	43.90 -2.51 0.00	45.70 -2.45 0.00	37.87 -2.42 0.03	32.80 -2.17 0.03	29.64 -0.98 0.00	25.73 0.31 0.00
CHATEAUG_35_KV_LOAD 355732	22.80 -1.12 0.00	21.59 -0.97 0.00	20.85 -0.82 0.00	20.20 -0.60 0.00	20.66 -0.51 0.00	24.54 -0.42 0.00	31.79 0.10 0.00	38.73 0.27 0.00	39.13 0.35 0.00	34.23 -0.03 0.00	32.22 -0.42 0.00	31.74 -0.58 0.00	31.27 -0.83 0.00	31.82 -0.75 0.00	32.00 -1.02 0.00	32.87 -1.05 0.00	36.65 -0.75 0.00	42.84 -0.22 0.00	45.81 -0.60 0.00	47.39 -0.77 0.00	40.03 -0.28 0.00	34.47 -0.52 0.00	30.13 -0.49 0.00	25.09 -0.33 0.00
CHATEAUG_WT_PWR 323614	22.46 -1.46 0.00	21.34 -1.22 0.00	20.68 -1.00 0.00	20.05 -0.75 0.00	20.58 -0.59 0.00	24.54 -0.42 0.00	32.14 0.44 0.00	39.23 0.77 0.00	39.44 0.66 0.00	34.51 0.24 0.00	32.38 -0.26 0.00	31.97 -0.35 0.00	31.46 -0.64 0.00	31.98 -0.59 0.00	32.13 -0.89 0.00	33.00 -0.91 0.00	36.99 -0.41 0.00	43.40 0.34 0.00	46.36 -0.05 0.00	47.77 -0.39 0.00	40.43 0.12 0.00	34.65 -0.35 0.00	30.16 -0.46 0.00	25.14 -0.28 0.00
CHAT_HIGH_FALL_HYD 323578	22.80 -1.12 0.00	21.59 -0.97 0.00	20.85 -0.82 0.00	20.20 -0.60 0.00	20.66 -0.51 0.00	24.54 -0.42 0.00	31.79 0.10 0.00	38.73 0.27 0.00	39.13 0.35 0.00	34.23 -0.03 0.00	32.22 -0.42 0.00	31.74 -0.58 0.00	31.27 -0.83 0.00	31.82 -0.75 0.00	32.00 -1.02 0.00	32.87 -1.05 0.00	36.65 -0.75 0.00	42.84 -0.22 0.00	45.81 -0.60 0.00	47.39 -0.77 0.00	40.03 -0.28 0.00	34.47 -0.52 0.00	30.13 -0.49 0.00	25.09 -0.33 0.00
CHAUTAUQUA___LFGE 323629	23.06 -0.86 0.00	22.04 -0.52 0.00	21.30 -0.37 0.00	20.09 -0.71 0.00	20.62 -0.55 0.00	25.02 0.05 0.00	31.57 -0.13 0.00	37.54 -0.92 0.00	36.81 -1.98 0.00	32.56 -1.71 0.00	30.94 -1.70 0.00	30.57 -1.75 0.00	30.34 -1.77 0.00	30.94 -1.63 0.00	31.21 -1.78 0.03	31.92 -1.97 0.03	35.36 -1.91 0.13	40.13 -2.24 0.69	44.28 -2.13 0.00	46.14 -2.02 0.00	38.23 -2.05 0.03	33.08 -1.89 0.03	29.91 -0.70 0.00	25.98 0.56 0.00
CHERRYST_13_KV_LD 356241	25.88 1.96 0.00	24.19 1.62 0.00	23.12 1.45 0.00	22.19 1.39 0.00	22.57 1.40 0.00	26.51 1.55 0.00	33.82 2.12 0.00	41.13 2.50 -0.17	41.38 2.60 0.00	36.60 2.33 0.00	35.12 2.48 0.00	34.87 2.55 0.00	34.73 2.63 0.00	35.27 2.70 0.00	35.76 2.74 0.00	36.70 2.78 0.00	40.51 3.10 0.00	46.46 3.40 0.00	50.12 3.71 0.00	52.01 3.85 0.00	43.17 2.86 0.00	37.62 2.62 0.00	32.73 2.11 0.00	27.10 1.68 0.00



CHESTROR_138KV_BK263 355645	25.16 1.24 0.00	23.60 1.04 0.00	22.60 0.93 0.00	21.67 0.87 0.00	22.02 0.85 0.00	25.87 0.90 0.00	32.90 1.20 0.00	39.85 1.38 0.00	40.22 1.44 0.00	35.57 1.30 0.00	34.05 1.40 0.00	33.74 1.42 0.00	33.61 1.51 0.00	34.10 1.53 0.00	34.60 1.58 0.00	35.55 1.63 0.00	39.31 1.91 0.00	45.08 2.02 0.00	48.73 2.32 0.00	50.56 2.41 0.00	42.08 1.77 0.00	36.61 1.61 0.00	31.87 1.26 0.00	26.41 0.99 0.00
CH_MIDHUDSON___DRP 24192	25.43 1.51 0.00	23.85 1.29 0.00	22.84 1.17 0.00	21.90 1.10 0.00	22.25 1.08 0.00	26.11 1.15 0.00	33.22 1.52 0.00	40.27 1.81 0.00	40.65 1.86 0.00	35.95 1.68 0.00	34.44 1.80 0.00	34.13 1.81 0.00	34.00 1.89 0.00	34.49 1.92 0.00	35.03 2.01 0.00	35.95 2.04 0.00	39.76 2.36 0.00	45.60 2.54 0.00	49.29 2.88 0.00	51.14 2.99 0.00	42.57 2.26 0.00	37.03 2.03 0.00	32.21 1.59 0.00	26.64 1.22 0.00
CH_MISC_IPPS 23765	25.50 1.58 0.00	23.94 1.38 0.00	22.95 1.28 0.00	21.99 1.19 0.00	22.31 1.14 0.00	26.19 1.22 0.00	33.34 1.65 0.00	40.42 1.96 0.00	40.80 2.02 0.00	36.01 1.75 0.00	34.50 1.86 0.00	34.19 1.87 0.00	34.06 1.96 0.00	34.52 1.95 0.00	35.10 2.08 0.00	36.06 2.14 0.00	39.91 2.51 0.00	45.77 2.71 0.00	49.47 3.06 0.00	51.38 3.23 0.00	42.77 2.46 0.00	37.17 2.17 0.00	32.30 1.68 0.00	26.72 1.30 0.00
CH_RES_BVR_FALLS 23983	23.04 -0.88 0.00	21.82 -0.74 0.00	21.04 -0.63 0.00	20.28 -0.52 0.00	20.68 -0.49 0.00	24.42 -0.55 0.00	31.16 -0.54 0.00	37.89 -0.58 0.00	38.28 -0.51 0.00	33.82 -0.45 0.00	32.12 -0.52 0.00	31.74 -0.58 0.00	31.40 -0.71 0.00	31.82 -0.75 0.00	32.13 -0.89 0.00	32.97 -0.95 0.00	36.47 -0.93 0.00	42.20 -0.86 0.00	45.39 -1.02 0.00	47.10 -1.06 0.00	39.54 -0.77 0.00	34.30 -0.70 0.00	30.01 -0.61 0.00	24.94 -0.48 0.00
CH_RES_NIAGARA 23895	22.17 -1.75 0.00	21.25 -1.31 0.00	20.44 -1.24 0.00	19.28 -1.52 0.00	19.90 -1.27 0.00	24.09 -0.87 0.00	30.17 -1.52 0.00	35.96 -2.50 0.00	35.33 -3.45 0.00	31.25 -3.02 0.00	29.80 -2.84 0.00	29.51 -2.81 0.00	29.34 -2.76 0.00	29.73 -2.83 0.00	30.16 -2.84 0.02	30.60 -3.29 0.02	33.36 -3.93 0.12	37.83 -4.65 0.58	42.23 -4.18 0.00	44.01 -4.14 0.00	36.62 -3.67 0.02	31.75 -3.22 0.02	28.75 -1.87 0.00	24.84 -0.58 0.00
CH_RES_SYRACUSE 23985	23.73 -0.19 0.00	22.43 -0.13 0.00	21.56 -0.11 0.00	20.66 -0.14 0.00	21.02 -0.15 0.00	24.92 -0.05 0.00	31.60 -0.09 0.00	38.33 -0.19 -0.06	38.82 -0.35 -0.38	34.35 -0.31 -0.39	32.32 -0.33 0.00	32.03 -0.29 0.00	31.81 -0.29 0.00	32.30 -0.26 0.00	32.72 -0.30 0.00	33.90 -0.34 -0.32	37.05 -0.41 -0.06	42.67 -0.56 -0.17	46.52 -0.28 -0.38	48.54 -0.29 -0.67	40.22 -0.32 -0.23	34.89 -0.32 -0.20	30.40 -0.21 0.00	25.32 -0.10 0.00
CLINTON_WT_PWR 323605	22.46 -1.46 0.00	21.34 -1.22 0.00	20.68 -1.00 0.00	20.05 -0.75 0.00	20.58 -0.59 0.00	24.54 -0.42 0.00	32.14 0.44 0.00	39.23 0.77 0.00	39.44 0.66 0.00	34.51 0.24 0.00	32.38 -0.26 0.00	31.97 -0.35 0.00	31.46 -0.64 0.00	31.98 -0.59 0.00	32.13 -0.89 0.00	33.00 -0.91 0.00	36.99 -0.41 0.00	43.40 0.34 0.00	46.36 -0.05 0.00	47.77 -0.39 0.00	40.43 0.12 0.00	34.65 -0.35 0.00	30.16 -0.46 0.00	25.14 -0.28 0.00
CLINTON___LFGE 323618	22.87 -1.05 0.00	21.71 -0.86 0.00	21.00 -0.67 0.00	20.36 -0.44 0.00	20.85 -0.32 0.00	24.84 -0.12 0.00	32.42 0.73 0.00	39.58 1.12 0.00	39.79 1.01 0.00	34.81 0.55 0.00	32.68 0.03 0.00	32.22 -0.10 0.00	31.68 -0.42 0.00	32.27 -0.29 0.00	32.43 -0.59 0.00	33.31 -0.61 0.00	37.29 -0.11 0.00	43.75 0.69 0.00	46.74 0.33 0.00	48.20 0.05 0.00	40.75 0.44 0.00	35.00 0.00 0.00	30.50 -0.12 0.00	25.42 0.00 0.00
COBBLENY_34_KV_TB1 80064	22.89 -1.03 0.00	21.89 -0.68 0.00	21.09 -0.59 0.00	19.89 -0.92 0.00	20.51 -0.66 0.00	24.82 -0.15 0.00	31.28 -0.41 0.00	37.39 -1.08 0.00	36.61 -2.17 0.00	32.35 -1.92 0.00	30.81 -1.83 0.00	30.41 -1.91 0.00	30.21 -1.89 0.00	30.71 -1.86 0.00	31.14 -1.85 0.03	31.96 -1.93 0.03	35.25 -2.02 0.13	39.96 -2.41 0.69	43.90 -2.51 0.00	45.75 -2.41 0.00	37.95 -2.34 0.03	32.87 -2.10 0.03	29.64 -0.98 0.00	25.63 0.20 0.00
COFFEEN___115KV_TB3 355620	23.85 -0.07 0.00	22.54 -0.02 0.00	21.59 -0.09 0.00	20.82 0.02 0.00	21.21 0.04 0.00	25.24 0.27 0.00	32.36 0.67 0.00	39.44 0.92 -0.05	39.68 0.58 -0.31	34.99 0.41 -0.32	32.81 0.16 0.00	32.35 0.03 0.00	32.01 -0.10 0.00	32.43 -0.13 0.00	32.79 -0.23 0.00	34.07 -0.10 -0.26	37.30 -0.15 -0.05	43.24 0.04 -0.14	47.23 0.51 -0.31	49.52 0.82 -0.54	41.14 0.64 -0.19	35.55 0.38 -0.17	30.77 0.15 0.00	25.65 0.23 0.00
COLDSPRG_115KV_BK1 355956	23.47 -0.45 0.00	22.43 -0.14 0.00	21.63 -0.04 0.00	20.45 -0.35 0.00	21.06 -0.11 0.00	25.44 0.47 0.00	32.33 0.63 0.00	38.73 0.27 0.00	37.62 -1.16 0.00	33.17 -1.10 0.00	31.53 -1.11 0.00	31.06 -1.26 0.00	30.79 -1.32 0.00	31.33 -1.24 0.00	31.70 -1.29 0.03	32.80 -1.09 0.03	36.50 -0.75 0.15	41.33 -0.95 0.79	44.97 -1.44 0.00	46.90 -1.25 0.00	38.83 -1.45 0.03	33.53 -1.43 0.03	30.22 -0.40 0.00	26.21 0.79 0.00
COLONIE_LFGE___ 323577	25.16 1.24 0.00	23.69 1.13 0.00	22.71 1.04 0.00	21.78 0.98 0.00	22.14 0.97 0.00	26.06 1.10 0.00	32.96 1.27 0.00	43.12 1.69 -2.96	45.91 1.67 -5.46	45.86 1.51 -10.08	42.99 1.43 -8.91	42.40 1.42 -8.66	41.71 1.45 -8.16	39.63 1.40 -5.67	39.27 1.49 -4.76	40.44 1.56 -4.97	49.42 1.72 -10.30	62.90 2.07 -17.77	66.46 2.41 -17.64	57.37 2.50 -6.71	47.78 1.93 -5.53	41.68 1.71 -4.97	32.01 1.38 -0.01	26.41 0.99 0.00
COOPERNY_115KV_TB1 80082	24.81 0.89 0.00	23.31 0.74 0.00	22.37 0.69 0.00	21.45 0.64 0.00	21.80 0.64 0.00	25.62 0.65 0.00	32.58 0.89 0.00	39.46 1.00 0.00	39.83 1.05 0.00	35.23 0.96 0.00	33.69 1.04 0.00	33.39 1.07 0.00	33.23 1.12 0.00	33.70 1.14 0.00	34.17 1.16 0.00	35.10 1.19 0.00	38.78 1.38 0.00	44.52 1.46 0.00	48.08 1.67 0.00	49.89 1.73 0.00	41.60 1.29 0.00	36.15 1.15 0.00	31.54 0.92 0.00	26.16 0.74 0.00
COPENHAGEN_WT_PWR 323753	23.70 -0.22 0.00	22.38 -0.18 0.00	21.48 -0.20 0.00	20.68 -0.12 0.00	21.06 -0.11 0.00	25.04 0.08 0.00	32.04 0.35 0.00	39.01 0.50 -0.05	39.35 0.23 -0.33	34.74 0.14 -0.33	32.58 -0.07 0.00	32.16 -0.16 0.00	31.81 -0.29 0.00	32.24 -0.33 0.00	32.62 -0.39 0.00	33.88 -0.31 -0.27	37.00 -0.45 -0.05	42.86 -0.35 -0.15	46.74 0.00 -0.33	49.02 0.29 -0.57	40.71 0.20 -0.20	35.21 0.04 -0.17	30.56 -0.06 0.00	25.45 0.03 0.00
CORNELL_____ 23752	24.25 0.33 0.00	22.92 0.36 0.00	22.02 0.35 0.00	21.07 0.27 0.00	21.49 0.32 0.00	25.52 0.55 0.00	32.52 0.82 0.00	39.41 0.92 -0.03	39.61 0.66 -0.16	34.98 0.55 -0.17	33.07 0.42 0.00	32.71 0.39 0.00	32.49 0.39 0.00	32.99 0.42 0.00	33.56 0.40 -0.14	34.67 0.47 -0.28	38.78 0.60 -0.78	47.46 0.65 -3.75	47.69 1.11 -0.16	49.60 1.16 -0.29	41.36 0.81 -0.24	35.86 0.63 -0.23	31.23 0.61 0.00	26.03 0.61 0.00



CORONA__69_KV_TB1 355595	31.50 2.15 -5.43	24.34 1.78 0.00	23.32 1.65 0.00	22.32 1.52 0.00	22.69 1.52 0.00	26.71 1.75 0.00	34.31 2.35 -0.27	41.06 2.42 -0.17	41.38 2.60 0.00	36.77 2.50 0.00	36.60 2.71 -1.25	36.81 2.78 -1.71	35.94 2.79 -1.04	36.10 2.87 -0.67	36.10 2.94 -0.14	37.16 3.02 -0.22	40.77 3.37 0.00	48.72 3.75 -1.91	55.35 4.18 -4.76	52.44 4.29 0.00	43.58 3.27 0.00	39.46 2.97 -1.49	32.98 2.36 0.00	30.66 1.91 -3.33
CORTLAND__115KV_TB3 80093	24.06 0.14 0.00	22.74 0.18 0.00	21.85 0.17 0.00	20.93 0.12 0.00	21.32 0.15 0.00	25.27 0.30 0.00	32.14 0.44 0.00	39.03 0.54 -0.03	39.37 0.39 -0.20	34.78 0.31 -0.20	32.90 0.26 0.00	32.58 0.26 0.00	32.36 0.26 0.00	32.83 0.26 0.00	33.33 0.26 -0.04	34.43 0.31 -0.21	38.00 0.34 -0.27	44.65 0.34 -1.25	47.26 0.65 -0.20	49.22 0.72 -0.35	40.96 0.48 -0.17	35.53 0.38 -0.15	30.95 0.34 0.00	25.78 0.36 0.00
COXSACKIE__GT 23611	25.21 1.29 0.00	23.76 1.20 0.00	22.86 1.19 0.00	21.86 1.06 0.00	22.08 0.91 0.00	26.09 1.12 0.00	33.28 1.58 0.00	36.73 2.04 3.77	33.50 1.90 7.18	22.50 1.51 13.27	22.16 1.24 11.72	22.09 1.16 11.39	22.56 1.19 10.74	26.25 1.14 7.46	28.17 1.42 6.27	29.01 1.63 6.53	25.86 2.02 13.56	22.34 2.67 23.39	26.54 3.34 23.21	42.84 3.51 8.83	35.85 2.82 7.28	30.74 2.27 6.53	32.22 1.62 0.02	26.57 1.15 0.00
CPV_VALLEY__CC1 323721	24.97 1.05 0.00	23.44 0.88 0.00	22.47 0.80 0.00	21.55 0.75 0.00	21.91 0.74 0.00	25.71 0.75 0.00	32.71 1.01 0.00	39.62 1.15 0.00	39.99 1.20 0.00	35.36 1.10 0.00	33.82 1.17 0.00	33.55 1.23 0.00	33.39 1.29 0.00	33.83 1.27 0.00	34.34 1.32 0.00	35.28 1.36 0.00	39.01 1.61 0.00	44.78 1.72 0.00	48.36 1.95 0.00	50.18 2.02 0.00	41.80 1.49 0.00	36.36 1.36 0.00	31.66 1.04 0.00	26.24 0.81 0.00
CPV_VALLEY__CC2 323722	24.97 1.05 0.00	23.44 0.88 0.00	22.47 0.80 0.00	21.55 0.75 0.00	21.91 0.74 0.00	25.71 0.75 0.00	32.71 1.01 0.00	39.62 1.15 0.00	39.99 1.20 0.00	35.36 1.10 0.00	33.82 1.17 0.00	33.55 1.23 0.00	33.39 1.29 0.00	33.83 1.27 0.00	34.34 1.32 0.00	35.28 1.36 0.00	39.01 1.61 0.00	44.78 1.72 0.00	48.36 1.95 0.00	50.18 2.02 0.00	41.80 1.49 0.00	36.36 1.36 0.00	31.66 1.04 0.00	26.24 0.81 0.00
CRESCENT__HYD 24018	25.16 1.24 0.00	23.69 1.13 0.00	22.71 1.04 0.00	21.78 0.98 0.00	22.14 0.97 0.00	26.06 1.10 0.00	32.96 1.27 0.00	43.12 1.69 -2.96	45.91 1.67 -5.46	45.86 1.51 -10.08	42.99 1.43 -8.91	42.40 1.42 -8.66	41.71 1.45 -8.16	39.63 1.40 -5.67	39.27 1.49 -4.76	40.44 1.56 -4.97	49.42 1.72 -10.30	62.90 2.07 -17.77	66.46 2.41 -17.64	57.37 2.50 -6.71	47.78 1.93 -5.53	41.68 1.71 -4.97	32.01 1.38 -0.01	26.41 0.99 0.00
CRICKET__VALLEY_CC1 323756	25.28 1.36 0.00	23.76 1.20 0.00	22.78 1.10 0.00	21.84 1.04 0.00	22.21 1.04 0.00	25.99 1.02 0.00	32.93 1.23 0.00	40.41 1.62 -0.33	41.10 1.70 -0.61	36.91 1.51 -1.13	35.28 1.63 -1.00	34.94 1.65 -0.97	34.72 1.70 -0.92	34.89 1.69 -0.64	35.34 1.78 -0.54	36.31 1.83 -0.56	40.61 2.06 -1.16	47.25 2.19 -2.00	50.90 2.50 -1.98	51.51 2.60 -0.75	42.87 1.93 -0.62	37.34 1.78 -0.56	32.03 1.41 0.00	26.41 0.99 0.00
CRICKET__VALLEY_CC2 323757	25.28 1.36 0.00	23.76 1.20 0.00	22.78 1.10 0.00	21.84 1.04 0.00	22.21 1.04 0.00	25.99 1.02 0.00	32.93 1.23 0.00	40.41 1.62 -0.33	41.10 1.70 -0.61	36.91 1.51 -1.13	35.28 1.63 -1.00	34.94 1.65 -0.97	34.72 1.70 -0.92	34.89 1.69 -0.64	35.34 1.78 -0.54	36.31 1.83 -0.56	40.61 2.06 -1.16	47.25 2.19 -2.00	50.90 2.50 -1.98	51.51 2.60 -0.75	42.87 1.93 -0.62	37.34 1.78 -0.56	32.03 1.41 0.00	26.41 0.99 0.00
CRICKET__VALLEY_CC3 323758	25.28 1.36 0.00	23.76 1.20 0.00	22.78 1.10 0.00	21.84 1.04 0.00	22.21 1.04 0.00	25.99 1.02 0.00	32.93 1.23 0.00	40.41 1.62 -0.33	41.10 1.70 -0.61	36.91 1.51 -1.13	35.28 1.63 -1.00	34.94 1.65 -0.97	34.72 1.70 -0.92	34.89 1.69 -0.64	35.34 1.78 -0.54	36.31 1.83 -0.56	40.61 2.06 -1.16	47.25 2.19 -2.00	50.90 2.50 -1.98	51.51 2.60 -0.75	42.87 1.93 -0.62	37.34 1.78 -0.56	32.03 1.41 0.00	26.41 0.99 0.00
CRUCIBLE_METL_DRP 24180	23.73 -0.19 0.00	22.43 -0.14 0.00	21.54 -0.13 0.00	20.66 -0.15 0.00	21.04 -0.13 0.00	24.92 -0.05 0.00	31.60 -0.10 0.00	38.37 -0.15 -0.06	38.82 -0.35 -0.38	34.35 -0.31 -0.39	32.35 -0.29 0.00	32.03 -0.29 0.00	31.81 -0.29 0.00	32.27 -0.29 0.00	32.72 -0.30 0.00	33.90 -0.34 -0.32	37.04 -0.41 -0.06	42.67 -0.56 -0.17	46.51 -0.28 -0.38	48.54 -0.29 -0.67	40.22 -0.32 -0.23	34.89 -0.31 -0.20	30.40 -0.21 0.00	25.29 -0.13 0.00
DAHOWA__HYDRO 323763	25.50 1.58 0.00	24.05 1.49 0.00	23.02 1.34 0.00	22.07 1.27 0.00	22.42 1.25 0.00	26.44 1.47 0.00	33.60 1.90 0.00	42.98 2.46 -2.05	44.93 2.37 -3.78	43.30 2.06 -6.97	40.63 1.83 -6.16	40.08 1.78 -5.99	39.54 1.80 -5.64	38.21 1.72 -3.92	38.16 1.85 -3.29	39.35 2.00 -3.43	46.62 2.09 -7.12	58.24 2.89 -12.29	61.99 3.39 -12.20	56.31 3.51 -4.64	46.84 2.70 -3.83	40.81 2.38 -3.43	32.56 1.93 -0.01	26.92 1.50 0.00
DANC__LFGE 323619	23.61 -0.31 0.00	22.29 -0.27 0.00	21.41 -0.26 0.00	20.57 -0.23 0.00	20.96 -0.21 0.00	24.89 -0.07 0.00	31.73 0.03 0.00	38.60 0.08 -0.06	39.00 -0.19 -0.41	34.44 -0.24 -0.41	32.28 -0.36 0.00	31.93 -0.39 0.00	31.65 -0.45 0.00	32.08 -0.49 0.00	32.46 -0.56 0.00	33.75 -0.51 -0.34	36.79 -0.67 -0.06	42.55 -0.69 -0.19	46.45 -0.37 -0.41	48.68 -0.19 -0.71	40.32 -0.24 -0.25	34.93 -0.28 -0.22	30.34 -0.28 0.00	25.30 -0.13 0.00
DANSKAMMER__1 23586	25.50 1.58 0.00	23.94 1.38 0.00	22.95 1.28 0.00	21.99 1.19 0.00	22.31 1.14 0.00	26.19 1.22 0.00	33.34 1.65 0.00	40.42 1.96 0.00	40.80 2.02 0.00	36.01 1.75 0.00	34.50 1.86 0.00	34.19 1.87 0.00	34.06 1.96 0.00	34.52 1.95 0.00	35.10 2.08 0.00	36.06 2.14 0.00	39.91 2.51 0.00	45.77 2.71 0.00	49.47 3.06 0.00	51.38 3.23 0.00	42.77 2.46 0.00	37.17 2.17 0.00	32.30 1.68 0.00	26.72 1.30 0.00
DANSKAMMER__2 23589	25.50 1.58 0.00	23.94 1.38 0.00	22.95 1.28 0.00	21.99 1.19 0.00	22.31 1.14 0.00	26.19 1.22 0.00	33.34 1.65 0.00	40.42 1.96 0.00	40.80 2.02 0.00	36.01 1.75 0.00	34.50 1.86 0.00	34.19 1.87 0.00	34.06 1.96 0.00	34.52 1.95 0.00	35.10 2.08 0.00	36.06 2.14 0.00	39.91 2.51 0.00	45.77 2.71 0.00	49.47 3.06 0.00	51.38 3.23 0.00	42.77 2.46 0.00	37.17 2.17 0.00	32.30 1.68 0.00	26.72 1.30 0.00
DANSKAMMER__3 23590	25.50 1.58 0.00	23.94 1.38 0.00	22.95 1.28 0.00	21.99 1.19 0.00	22.31 1.14 0.00	26.19 1.22 0.00	33.34 1.65 0.00	40.42 1.96 0.00	40.80 2.02 0.00	36.01 1.75 0.00	34.50 1.86 0.00	34.19 1.87 0.00	34.06 1.96 0.00	34.52 1.95 0.00	35.10 2.08 0.00	36.06 2.14 0.00	39.91 2.51 0.00	45.77 2.71 0.00	49.47 3.06 0.00	51.38 3.23 0.00	42.77 2.46 0.00	37.17 2.17 0.00	32.30 1.68 0.00	26.72 1.30 0.00



DANSKAMMER___4 23591	25.50 1.58 0.00	23.94 1.38 0.00	22.95 1.28 0.00	21.99 1.19 0.00	22.31 1.14 0.00	26.19 1.22 0.00	33.34 1.65 0.00	40.42 1.96 0.00	40.80 2.02 0.00	36.01 1.75 0.00	34.50 1.86 0.00	34.19 1.87 0.00	34.06 1.96 0.00	34.52 1.95 0.00	35.10 2.08 0.00	36.06 2.14 0.00	39.91 2.51 0.00	45.77 2.71 0.00	49.47 3.06 0.00	51.38 3.23 0.00	42.77 2.46 0.00	37.17 2.17 0.00	32.30 1.68 0.00	26.72 1.30 0.00
DANSKAMMER___DIESEL 23592	25.50 1.58 0.00	23.92 1.35 0.00	22.93 1.26 0.00	21.97 1.16 0.00	22.29 1.12 0.00	26.19 1.22 0.00	33.34 1.65 0.00	40.35 1.88 0.00	40.76 1.98 0.00	36.02 1.75 0.00	34.47 1.83 0.00	34.19 1.87 0.00	34.06 1.96 0.00	34.55 1.99 0.00	35.10 2.08 0.00	36.05 2.14 0.00	39.91 2.51 0.00	45.77 2.71 0.00	49.47 3.06 0.00	51.33 3.18 0.00	42.73 2.42 0.00	37.17 2.17 0.00	32.30 1.68 0.00	26.74 1.32 0.00
DARBY___SOLAR 323810	25.40 1.48 0.00	23.98 1.42 0.00	22.95 1.28 0.00	22.01 1.21 0.00	22.35 1.18 0.00	26.34 1.37 0.00	33.47 1.77 0.00	42.90 2.27 -2.16	44.97 2.21 -3.98	43.53 1.92 -7.35	40.87 1.73 -6.49	40.34 1.71 -6.31	39.75 1.70 -5.95	38.35 1.66 -4.13	38.27 1.78 -3.47	39.43 1.90 -3.62	46.93 2.02 -7.51	58.73 2.71 -12.95	62.42 3.16 -12.86	56.32 3.28 -4.89	46.88 2.54 -4.03	40.86 2.24 -3.62	32.43 1.81 -0.01	26.79 1.37 0.00
DASHVILLE___HYD 23610	25.26 1.34 0.00	23.67 1.11 0.00	22.71 1.04 0.00	21.76 0.96 0.00	22.10 0.93 0.00	25.87 0.90 0.00	32.93 1.24 0.00	39.17 1.65 0.95	38.76 1.78 1.81	32.53 1.61 3.35	31.38 1.70 2.96	31.19 1.75 2.87	31.23 1.83 2.71	32.57 1.89 1.88	33.42 1.98 1.58	34.27 2.00 1.65	36.34 2.36 3.42	39.62 2.45 5.90	43.34 2.78 5.85	48.82 2.89 2.23	40.69 2.22 1.84	35.34 1.99 1.65	32.05 1.44 0.00	26.46 1.04 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	32.26 2.92 -5.43	24.86 2.30 0.00	23.88 2.21 0.00	22.74 1.93 0.00	23.10 1.93 0.00	27.26 2.30 0.00	35.04 3.07 -0.27	41.59 2.96 -0.17	41.93 3.14 0.00	37.15 2.88 0.00	36.96 3.07 -1.25	37.04 3.01 -1.71	36.07 2.92 -1.04	36.26 3.03 -0.67	36.40 3.24 -0.14	37.87 3.73 -0.22	41.96 4.56 0.00	50.32 5.34 -1.92	56.94 5.75 -4.77	53.89 5.73 0.00	44.55 4.23 -0.01	40.12 3.64 -1.49	33.28 2.66 0.00	31.04 2.29 -3.33
DELAWARE___LFGE 323621	24.71 0.79 0.00	23.28 0.72 0.00	22.34 0.67 0.00	21.43 0.62 0.00	21.80 0.64 0.00	25.69 0.72 0.00	32.71 1.01 0.00	39.71 1.23 -0.01	40.06 1.20 -0.07	35.43 1.10 -0.07	33.69 1.04 0.00	33.35 1.03 0.00	33.16 1.06 0.00	33.64 1.07 0.00	34.16 1.12 -0.01	35.17 1.19 -0.07	38.79 1.31 -0.08	44.85 1.42 -0.37	48.15 1.67 -0.07	50.06 1.78 -0.12	41.78 1.41 -0.06	36.27 1.22 -0.05	31.57 0.95 0.00	26.24 0.81 0.00
DERFIELD_115KV_TB7 355931	24.04 0.12 0.00	22.68 0.11 0.00	21.78 0.11 0.00	20.91 0.10 0.00	21.25 0.08 0.00	25.07 0.10 0.00	31.79 0.10 0.00	38.58 0.12 0.00	38.90 0.12 0.00	34.37 0.10 0.00	32.77 0.13 0.00	32.45 0.13 0.00	32.23 0.13 0.00	32.70 0.13 0.00	33.15 0.13 0.00	34.05 0.14 0.00	37.51 0.11 0.00	43.19 0.13 0.00	46.60 0.19 0.00	48.40 0.24 0.00	40.43 0.12 0.00	35.14 0.14 0.00	30.74 0.12 0.00	25.50 0.08 0.00
DOGLEVILLE___HYD 23807	23.73 -0.19 0.00	22.41 -0.16 0.00	21.52 -0.15 0.00	20.70 -0.10 0.00	21.04 -0.13 0.00	24.77 -0.20 0.00	31.47 -0.22 0.00	38.20 -0.27 0.00	38.44 -0.35 0.00	33.99 -0.28 0.00	32.35 -0.29 0.00	32.00 -0.32 0.00	31.72 -0.38 0.00	32.11 -0.46 0.00	32.52 -0.49 0.00	33.37 -0.54 0.00	36.73 -0.67 0.00	42.33 -0.73 0.00	45.80 -0.60 0.00	47.63 -0.53 0.00	39.83 -0.48 0.00	34.58 -0.42 0.00	30.25 -0.37 0.00	25.12 -0.30 0.00
DUNKIRK___115KV_TB_200 55889	23.06 -0.86 0.00	22.07 -0.50 0.00	21.26 -0.41 0.00	20.07 -0.73 0.00	20.66 -0.51 0.00	24.99 0.02 0.00	31.54 -0.16 0.00	37.69 -0.77 0.00	36.85 -1.94 0.00	32.52 -1.75 0.00	30.98 -1.66 0.00	30.58 -1.75 0.00	30.34 -1.77 0.00	30.81 -1.76 0.00	31.21 -1.78 0.03	31.99 -1.90 0.03	35.32 -1.94 0.13	40.09 -2.28 0.69	44.23 -2.18 0.00	46.13 -2.02 0.00	38.27 -2.02 0.03	33.11 -1.85 0.03	29.88 -0.73 0.00	25.85 0.43 0.00
DUNKIRK___1 23563	23.06 -0.86 0.00	22.07 -0.50 0.00	21.26 -0.41 0.00	20.07 -0.73 0.00	20.66 -0.51 0.00	24.99 0.02 0.00	31.54 -0.16 0.00	37.69 -0.77 0.00	36.85 -1.94 0.00	32.52 -1.75 0.00	30.98 -1.66 0.00	30.58 -1.75 0.00	30.34 -1.77 0.00	30.81 -1.76 0.00	31.21 -1.78 0.03	31.99 -1.90 0.03	35.32 -1.94 0.13	40.09 -2.28 0.69	44.23 -2.18 0.00	46.13 -2.02 0.00	38.27 -2.02 0.03	33.11 -1.85 0.03	29.88 -0.73 0.00	25.85 0.43 0.00
DUNKIRK___2 23564	23.06 -0.86 0.00	22.07 -0.50 0.00	21.26 -0.41 0.00	20.07 -0.73 0.00	20.66 -0.51 0.00	24.99 0.02 0.00	31.54 -0.16 0.00	37.69 -0.77 0.00	36.85 -1.94 0.00	32.52 -1.75 0.00	30.98 -1.66 0.00	30.58 -1.75 0.00	30.34 -1.77 0.00	30.81 -1.76 0.00	31.21 -1.78 0.03	31.99 -1.90 0.03	35.32 -1.94 0.13	40.09 -2.28 0.69	44.23 -2.18 0.00	46.13 -2.02 0.00	38.27 -2.02 0.03	33.11 -1.85 0.03	29.88 -0.73 0.00	25.85 0.43 0.00
DUNKIRK___3 23565	23.01 -0.91 0.00	22.00 -0.56 0.00	21.17 -0.50 0.00	20.01 -0.79 0.00	20.60 -0.57 0.00	24.89 -0.07 0.00	31.38 -0.32 0.00	37.50 -0.96 0.00	36.69 -2.09 0.00	32.42 -1.85 0.00	30.85 -1.80 0.00	30.48 -1.84 0.00	30.24 -1.86 0.00	30.71 -1.86 0.00	31.11 -1.88 0.03	31.92 -1.97 0.03	35.25 -2.02 0.13	40.02 -2.37 0.67	44.04 -2.37 0.00	45.94 -2.22 0.00	38.11 -2.18 0.03	32.98 -1.99 0.03	29.73 -0.89 0.00	25.73 0.31 0.00
DUNKIRK___4 23566	23.01 -0.91 0.00	22.00 -0.56 0.00	21.17 -0.50 0.00	20.01 -0.79 0.00	20.60 -0.57 0.00	24.89 -0.07 0.00	31.38 -0.32 0.00	37.50 -0.96 0.00	36.69 -2.09 0.00	32.42 -1.85 0.00	30.85 -1.80 0.00	30.48 -1.84 0.00	30.24 -1.86 0.00	30.71 -1.86 0.00	31.11 -1.88 0.03	31.92 -1.97 0.03	35.25 -2.02 0.13	40.02 -2.37 0.67	44.04 -2.37 0.00	45.94 -2.22 0.00	38.11 -2.18 0.03	32.98 -1.99 0.03	29.73 -0.89 0.00	25.73 0.31 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.64 1.72 0.00	24.01 1.44 0.00	22.97 1.30 0.00	22.03 1.23 0.00	22.40 1.23 0.00	26.29 1.32 0.00	33.47 1.77 0.00	40.75 2.12 -0.17	41.00 2.21 0.00	36.29 2.02 0.00	34.80 2.15 0.00	34.52 2.20 0.00	34.35 2.25 0.00	34.88 2.31 0.00	35.36 2.34 0.00	36.33 2.41 0.00	40.09 2.69 0.00	45.99 2.93 0.00	49.66 3.25 0.00	51.53 3.37 0.00	42.81 2.50 0.00	37.31 2.31 0.00	32.45 1.84 0.00	26.87 1.45 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.28 1.36 0.00	23.71 1.15 0.00	22.73 1.06 0.00	21.80 1.00 0.00	22.12 0.95 0.00	25.96 1.00 0.00	33.09 1.39 0.00	40.04 1.58 0.00	40.41 1.63 0.00	35.78 1.51 0.00	34.21 1.57 0.00	33.94 1.62 0.00	33.80 1.70 0.00	34.29 1.73 0.00	34.80 1.78 0.00	35.78 1.87 0.00	39.57 2.17 0.00	45.39 2.33 0.00	49.05 2.65 0.00	50.90 2.74 0.00	42.37 2.06 0.00	36.85 1.85 0.00	32.06 1.44 0.00	26.57 1.14 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	25.82 1.89 -0.01	24.17 1.60 -0.01	23.13 1.45 -0.01	22.18 1.37 -0.01	22.55 1.38 -0.01	26.45 1.47 -0.01	33.72 2.03 0.00	40.79 2.15 -0.17	41.04 2.25 0.00	36.32 2.06 0.00	34.90 2.25 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.50 2.48 0.00	36.46 2.54 0.00	40.17 2.77 0.00	46.03 2.97 0.00	49.66 3.25 0.00	51.53 3.37 0.00	42.77 2.46 0.00	37.41 2.41 0.00	32.62 1.99 -0.01	27.03 1.60 -0.01
E179THST_13_KV_LOAD 356214	25.91 1.99 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.24 1.44 -0.01	22.62 1.44 -0.01	26.55 1.57 -0.01	33.88 2.19 0.00	40.98 2.35 -0.17	41.19 2.40 0.00	36.49 2.23 0.00	35.03 2.38 0.00	34.81 2.49 0.00	34.64 2.54 0.00	35.17 2.61 0.00	35.66 2.64 0.00	36.63 2.71 0.00	40.36 2.95 0.00	46.25 3.19 0.00	49.94 3.53 0.00	51.77 3.61 0.00	42.97 2.66 0.00	37.55 2.55 0.00	32.77 2.14 -0.01	27.13 1.70 -0.01
EAST HAMPTON___GT 23717	32.42 3.06 -5.43	25.11 2.55 0.00	24.06 2.38 0.00	22.96 2.16 0.00	23.33 2.16 0.00	27.29 2.32 0.00	35.01 3.04 -0.28	41.90 3.27 -0.17	41.85 3.06 0.00	36.84 2.57 0.00	36.64 2.74 -1.26	36.69 2.65 -1.72	35.69 2.54 -1.05	35.84 2.61 -0.67	36.11 2.94 -0.15	37.84 3.70 -0.23	42.16 4.75 -0.01	50.41 5.43 -1.93	56.94 5.75 -4.78	53.88 5.73 0.00	44.43 4.11 -0.01	39.88 3.39 -1.49	33.01 2.39 0.00	30.80 2.03 -3.34
EAST RIVER___6 23660	25.86 1.94 0.00	24.16 1.60 0.00	23.10 1.43 0.00	22.13 1.33 0.00	22.54 1.38 0.00	26.46 1.50 0.00	33.75 2.06 0.00	41.17 2.54 -0.17	41.46 2.67 0.00	36.60 2.33 0.00	35.16 2.51 0.00	34.87 2.55 0.00	34.74 2.63 0.00	35.24 2.67 0.00	35.76 2.74 0.00	36.70 2.78 0.00	40.50 3.10 0.00	46.46 3.40 0.00	50.12 3.71 0.00	52.01 3.85 0.00	43.17 2.86 0.00	37.62 2.63 0.00	32.70 2.08 0.00	27.05 1.63 0.00
EAST RIVER___7 23524	25.86 1.94 0.00	24.16 1.60 0.00	23.10 1.43 0.00	22.13 1.33 0.00	22.54 1.38 0.00	26.46 1.50 0.00	33.75 2.06 0.00	41.17 2.54 -0.17	41.46 2.67 0.00	36.60 2.33 0.00	35.16 2.51 0.00	34.87 2.55 0.00	34.74 2.63 0.00	35.24 2.67 0.00	35.76 2.74 0.00	36.70 2.78 0.00	40.50 3.10 0.00	46.46 3.40 0.00	50.12 3.71 0.00	52.01 3.85 0.00	43.17 2.86 0.00	37.62 2.63 0.00	32.70 2.08 0.00	27.05 1.63 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.62 1.70 0.00	23.98 1.42 0.00	22.95 1.28 0.00	22.01 1.21 0.00	22.38 1.21 0.00	26.26 1.30 0.00	33.44 1.74 0.00	40.67 2.04 -0.17	40.92 2.13 0.00	36.19 1.92 0.00	34.70 2.06 0.00	34.45 2.13 0.00	34.29 2.18 0.00	34.78 2.21 0.00	35.30 2.28 0.00	36.22 2.31 0.00	40.02 2.62 0.00	45.90 2.84 0.00	49.57 3.16 0.00	51.38 3.23 0.00	42.73 2.42 0.00	37.24 2.24 0.00	32.39 1.78 0.00	26.82 1.40 0.00
EAST_HAMPTON___DIESEL 23722	32.39 3.04 -5.43	25.11 2.55 0.00	24.03 2.36 0.00	22.94 2.14 0.00	23.29 2.12 0.00	27.26 2.30 0.00	34.98 3.01 -0.28	41.86 3.23 -0.17	41.77 2.99 0.00	36.77 2.50 0.00	36.55 2.64 -1.26	36.59 2.55 -1.72	35.63 2.47 -1.05	35.75 2.51 -0.67	36.01 2.84 -0.15	37.78 3.63 -0.23	42.12 4.71 -0.01	50.37 5.38 -1.93	56.89 5.71 -4.78	53.79 5.63 0.00	44.35 4.03 -0.01	39.78 3.29 -1.49	32.94 2.33 0.00	30.75 1.98 -3.34
EAST_POINT___SOLAR 323840	25.98 2.06 0.00	24.55 1.99 0.00	23.47 1.80 0.00	22.51 1.71 0.00	22.86 1.69 0.00	27.09 2.12 0.00	34.80 3.11 0.00	43.23 3.77 -0.99	43.63 2.99 -1.86	39.76 2.06 -3.43	36.69 1.01 -3.03	36.14 0.87 -2.95	35.81 0.93 -2.78	35.31 0.81 -1.93	35.90 1.25 -1.62	37.51 1.90 -1.69	43.64 2.73 -3.51	53.33 4.22 -6.05	57.33 4.92 -6.01	55.60 5.16 -2.28	46.19 3.99 -1.88	40.15 3.47 -1.69	33.41 2.79 0.00	27.71 2.29 0.00
EAST_PULASKI___ESR 323781	23.56 -0.36 0.00	22.25 -0.32 0.00	21.37 -0.30 0.00	20.51 -0.29 0.00	20.87 -0.30 0.00	24.77 -0.20 0.00	31.47 -0.22 0.00	38.25 -0.31 -0.09	38.82 -0.54 -0.58	34.35 -0.51 -0.59	32.09 -0.56 0.00	31.74 -0.58 0.00	31.49 -0.61 0.00	31.98 -0.59 0.00	32.36 -0.66 0.00	33.75 -0.65 -0.48	36.70 -0.79 -0.08	42.42 -0.91 -0.26	46.34 -0.65 -0.58	48.60 -0.58 -1.02	40.10 -0.56 -0.35	34.75 -0.56 -0.31	30.19 -0.43 0.00	25.14 -0.28 0.00
EAST_RIVER___1 323558	25.83 1.91 0.00	24.16 1.60 0.00	23.10 1.43 0.00	22.13 1.33 0.00	22.54 1.38 0.00	26.44 1.47 0.00	33.69 2.00 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.49 2.23 0.00	35.02 2.38 0.00	34.78 2.46 0.00	34.61 2.51 0.00	35.11 2.54 0.00	35.63 2.61 0.00	36.56 2.65 0.00	40.35 2.95 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	43.05 2.74 0.00	37.55 2.55 0.00	32.67 2.05 0.00	27.02 1.60 0.00
EAST_RIVER___2 323559	25.86 1.94 0.00	24.16 1.60 0.00	23.10 1.43 0.00	22.13 1.33 0.00	22.54 1.38 0.00	26.46 1.50 0.00	33.75 2.06 0.00	41.17 2.54 -0.17	41.46 2.67 0.00	36.60 2.33 0.00	35.16 2.51 0.00	34.87 2.55 0.00	34.74 2.63 0.00	35.24 2.67 0.00	35.76 2.74 0.00	36.70 2.78 0.00	40.50 3.10 0.00	46.46 3.40 0.00	50.12 3.71 0.00	52.01 3.85 0.00	43.17 2.86 0.00	37.62 2.63 0.00	32.70 2.08 0.00	27.05 1.63 0.00
EAST___DELAWARE_HYD 23607	25.36 1.44 0.00	23.78 1.22 0.00	22.82 1.15 0.00	21.86 1.06 0.00	22.19 1.02 0.00	26.06 1.10 0.00	33.25 1.55 0.00	40.03 1.77 0.21	40.58 2.29 0.49	35.32 1.95 0.90	33.84 1.99 0.80	33.52 1.97 0.77	33.49 2.12 0.73	34.17 2.12 0.51	34.94 2.34 0.43	35.92 2.44 0.44	38.84 2.36 0.92	43.97 2.50 1.59	47.71 2.88 1.58	50.59 3.04 0.60	42.15 2.34 0.50	36.58 2.03 0.44	32.18 1.56 0.00	26.64 1.22 0.00
EIGHT_POINT___WT_PWR 323820	23.94 0.02 0.00	22.61 0.05 0.00	21.78 0.11 0.00	20.72 -0.08 0.00	21.32 0.15 0.00	25.56 0.60 0.00	32.71 1.01 0.00	38.97 0.50 -0.01	38.04 -0.82 -0.07	33.72 -0.62 -0.07	31.79 -0.85 0.00	31.32 -1.00 0.00	30.95 -1.15 0.00	31.26 -1.30 0.00	31.59 -1.36 0.08	32.71 -1.19 0.02	36.44 -0.56 0.40	40.46 -0.60 2.00	45.83 -0.65 -0.07	47.12 -1.16 -0.12	38.86 -1.41 0.04	33.34 -1.61 0.04	29.76 -0.86 0.00	25.52 0.10 0.00
ELBRIDGE_115KV_TB2 80188	23.63 -0.29 0.00	22.34 -0.23 0.00	21.46 -0.22 0.00	20.57 -0.23 0.00	20.96 -0.21 0.00	24.82 -0.15 0.00	31.44 -0.25 0.00	38.14 -0.38 -0.06	38.65 -0.54 -0.41	34.21 -0.48 -0.42	32.15 -0.49 0.00	31.87 -0.45 0.00	31.65 -0.45 0.00	32.11 -0.46 0.00	32.55 -0.46 0.01	33.74 -0.51 -0.34	36.83 -0.60 -0.03	42.31 -0.78 -0.03	46.31 -0.51 -0.41	48.35 -0.53 -0.72	40.03 -0.52 -0.24	34.76 -0.45 -0.21	30.28 -0.34 0.00	25.22 -0.20 0.00
ELEC_TRO_TEK 24086	31.38 2.03 -5.43	24.25 1.69 0.00	23.23 1.56 0.00	22.22 1.41 0.00	22.61 1.44 0.00	26.61 1.65 0.00	34.18 2.22 -0.27	40.86 2.23 -0.17	41.19 2.40 0.00	36.60 2.33 0.00	36.47 2.58 -1.25	36.65 2.62 -1.71	35.81 2.66 -1.04	35.97 2.74 -0.67	35.93 2.77 -0.14	36.99 2.85 -0.22	40.54 3.14 0.00	48.46 3.49 -1.91	55.03 3.85 -4.76	52.11 3.95 0.00	43.33 3.02 0.00	39.25 2.76 -1.49	32.82 2.20 0.00	30.56 1.80 -3.33



ELLENBURG_WT_PWR 323604	22.46 -1.46 0.00	21.34 -1.22 0.00	20.68 -1.00 0.00	20.05 -0.75 0.00	20.58 -0.59 0.00	24.54 -0.42 0.00	32.14 0.44 0.00	39.23 0.77 0.00	39.44 0.66 0.00	34.51 0.24 0.00	32.38 -0.26 0.00	31.97 -0.35 0.00	31.46 -0.64 0.00	31.98 -0.59 0.00	32.13 -0.89 0.00	33.00 -0.91 0.00	36.99 -0.41 0.00	43.40 0.34 0.00	46.36 -0.05 0.00	47.77 -0.39 0.00	40.43 0.12 0.00	34.65 -0.35 0.00	30.16 -0.46 0.00	25.14 -0.28 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.72 -1.20 0.00	21.75 -0.81 0.00	20.94 -0.74 0.00	19.74 -1.06 0.00	20.36 -0.80 0.00	24.64 -0.32 0.00	30.93 -0.76 0.00	36.93 -1.54 0.00	36.26 -2.52 0.00	32.04 -2.23 0.00	30.55 -2.09 0.00	30.19 -2.13 0.00	29.98 -2.12 0.00	30.42 -2.15 0.00	30.85 -2.15 0.02	31.52 -2.37 0.02	34.58 -2.69 0.12	39.24 -3.19 0.63	43.44 -2.97 0.00	45.27 -2.89 0.00	37.58 -2.70 0.02	32.56 -2.41 0.02	29.39 -1.22 0.00	25.40 -0.03 0.00
EMPIRE_CC_1 323656	25.07 1.15 0.00	23.60 1.04 0.00	22.62 0.95 0.00	21.69 0.89 0.00	22.06 0.89 0.00	25.94 0.97 0.00	32.80 1.11 0.00	43.18 1.54 -3.18	46.30 1.55 -5.96	46.68 1.41 -11.01	43.77 1.40 -9.73	43.19 1.42 -9.45	42.45 1.45 -8.91	40.15 1.40 -6.19	39.71 1.49 -5.20	40.90 1.56 -5.42	50.37 1.72 -11.25	64.40 1.94 -19.40	67.89 2.23 -19.26	57.79 2.31 -7.32	48.12 1.77 -6.04	42.03 1.61 -5.42	31.95 1.32 -0.02	26.31 0.89 0.00
EMPIRE_CC_2 323658	25.07 1.15 0.00	23.60 1.04 0.00	22.62 0.95 0.00	21.69 0.89 0.00	22.06 0.89 0.00	25.94 0.97 0.00	32.80 1.11 0.00	43.18 1.54 -3.18	46.30 1.55 -5.96	46.68 1.41 -11.01	43.77 1.40 -9.73	43.19 1.42 -9.45	42.45 1.45 -8.91	40.15 1.40 -6.19	39.71 1.49 -5.20	40.90 1.56 -5.42	50.37 1.72 -11.25	64.40 1.94 -19.40	67.89 2.23 -19.26	57.79 2.31 -7.32	48.12 1.77 -6.04	42.03 1.61 -5.42	31.95 1.32 -0.02	26.31 0.89 0.00
ENORWICH_115KV_TB1 80156	25.02 1.10 0.00	23.69 1.13 0.00	22.69 1.02 0.00	21.84 1.04 0.00	22.29 1.12 0.00	26.51 1.55 0.00	34.04 2.35 0.00	41.45 2.96 -0.02	41.44 2.52 -0.13	36.63 2.23 -0.14	34.50 1.86 0.00	34.07 1.75 0.00	33.80 1.70 0.00	34.32 1.76 0.00	34.80 1.72 -0.06	35.99 1.90 -0.17	39.87 2.13 -0.34	47.25 2.58 -1.61	49.93 3.39 -0.13	52.05 3.66 -0.23	43.35 2.90 -0.14	37.47 2.34 -0.13	32.45 1.84 0.00	27.10 1.68 0.00
ERIE_ST__34_KV_TB1-2 80199	23.06 -0.86 0.00	22.04 -0.52 0.00	21.22 -0.46 0.00	20.03 -0.77 0.00	20.64 -0.53 0.00	24.97 0.00 0.00	31.50 -0.19 0.00	37.62 -0.85 0.00	36.77 -2.02 0.00	32.49 -1.78 0.00	30.98 -1.66 0.00	30.58 -1.75 0.00	30.37 -1.73 0.00	30.87 -1.69 0.00	31.31 -1.68 0.03	32.40 -1.49 0.03	36.05 -1.27 0.08	40.86 -1.55 0.65	44.14 -2.27 0.00	45.94 -2.22 0.00	38.15 -2.14 0.03	32.98 -1.99 0.03	29.73 -0.89 0.00	25.75 0.33 0.00
ERIE_WT_PWR 323693	22.87 -1.05 0.00	21.84 -0.72 0.00	21.11 -0.56 0.00	19.89 -0.91 0.00	20.43 -0.74 0.00	24.82 -0.15 0.00	31.22 -0.47 0.00	37.08 -1.38 0.00	36.42 -2.37 0.00	32.28 -1.99 0.00	30.69 -1.96 0.00	30.38 -1.94 0.00	30.18 -1.93 0.00	30.77 -1.79 0.00	31.05 -1.95 0.03	31.76 -2.14 0.03	35.07 -2.21 0.12	39.78 -2.63 0.65	43.81 -2.60 0.00	45.60 -2.55 0.00	37.82 -2.46 0.03	32.77 -2.20 0.03	29.61 -1.01 0.00	25.73 0.31 0.00
ESPRGFLD_115KV_TB1 80157	25.36 1.44 0.00	23.92 1.35 0.00	22.93 1.26 0.00	21.99 1.19 0.00	22.38 1.21 0.00	26.46 1.50 0.00	33.88 2.19 0.00	41.86 2.69 -0.70	42.50 2.40 -1.31	38.71 2.02 -2.42	36.45 1.66 -2.14	35.95 1.55 -2.08	35.64 1.57 -1.96	35.49 1.56 -1.36	35.89 1.72 -1.15	37.05 1.93 -1.20	42.16 2.24 -2.51	50.40 2.89 -4.46	54.04 3.39 -4.24	53.38 3.61 -1.61	44.47 2.82 -1.34	38.65 2.45 -1.20	32.55 1.93 0.00	27.07 1.65 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.23 0.31 0.00	22.90 0.34 0.00	22.00 0.33 0.00	21.05 0.25 0.00	21.47 0.30 0.00	25.49 0.52 0.00	32.46 0.76 0.00	39.37 0.88 -0.03	39.61 0.66 -0.17	34.95 0.51 -0.17	33.07 0.42 0.00	32.71 0.39 0.00	32.49 0.39 0.00	32.99 0.42 0.00	33.50 0.36 -0.12	34.62 0.44 -0.26	38.63 0.56 -0.67	46.89 0.60 -3.22	47.65 1.07 -0.17	49.56 1.11 -0.30	41.34 0.81 -0.23	35.84 0.63 -0.21	31.20 0.58 0.00	26.01 0.58 0.00
ETNA____115KV_TB2 80207	24.23 0.31 0.00	22.90 0.34 0.00	22.00 0.33 0.00	21.05 0.25 0.00	21.47 0.30 0.00	25.49 0.52 0.00	32.46 0.76 0.00	39.37 0.88 -0.03	39.61 0.66 -0.17	34.95 0.51 -0.17	33.07 0.42 0.00	32.71 0.39 0.00	32.49 0.39 0.00	32.99 0.42 0.00	33.50 0.36 -0.12	34.62 0.44 -0.26	38.63 0.56 -0.67	46.89 0.60 -3.22	47.65 1.07 -0.17	49.56 1.11 -0.30	41.34 0.81 -0.23	35.84 0.63 -0.21	31.20 0.58 0.00	26.01 0.58 0.00
EUCLID__115KV_TB2 356179	23.54 -0.38 0.00	22.25 -0.32 0.00	21.37 -0.30 0.00	20.49 -0.31 0.00	20.85 -0.32 0.00	24.69 -0.27 0.00	31.28 -0.41 0.00	37.95 -0.54 -0.03	38.26 -0.70 -0.17	33.83 -0.62 -0.17	32.06 -0.59 0.00	31.74 -0.58 0.00	31.52 -0.58 0.00	31.98 -0.59 0.00	32.42 -0.59 0.00	33.42 -0.64 -0.14	36.68 -0.75 -0.02	42.19 -0.95 -0.08	45.89 -0.70 -0.17	47.74 -0.72 -0.30	39.73 -0.69 -0.10	34.46 -0.63 -0.09	30.13 -0.49 0.00	25.09 -0.33 0.00
E_CANADA_CAP_HY 24051	25.81 1.89 0.00	24.37 1.81 0.00	23.32 1.65 0.00	22.36 1.56 0.00	22.74 1.57 0.00	26.91 1.95 0.00	34.48 2.79 0.00	42.81 3.42 -0.92	43.50 2.99 -1.72	39.85 2.40 -3.18	37.25 1.79 -2.81	36.73 1.68 -2.73	36.35 1.67 -2.57	35.95 1.60 -1.79	36.44 1.91 -1.51	37.76 2.27 -1.57	43.37 2.69 -3.28	52.54 3.74 -5.74	56.34 4.36 -5.57	54.85 4.58 -2.12	45.65 3.59 -1.75	39.72 3.15 -1.57	33.16 2.54 0.00	27.51 2.09 0.00
E_CANADA_MHWK_HY 24050	23.73 -0.19 0.00	22.41 -0.16 0.00	21.52 -0.15 0.00	20.70 -0.10 0.00	21.04 -0.13 0.00	24.77 -0.20 0.00	31.47 -0.22 0.00	38.20 -0.27 0.00	38.44 -0.35 0.00	33.99 -0.28 0.00	32.35 -0.29 0.00	32.00 -0.32 0.00	31.72 -0.38 0.00	32.11 -0.46 0.00	32.52 -0.49 0.00	33.37 -0.54 0.00	36.73 -0.67 0.00	42.33 -0.73 0.00	45.80 -0.60 0.00	47.63 -0.53 0.00	39.83 -0.48 0.00	34.58 -0.42 0.00	30.25 -0.37 0.00	25.12 -0.30 0.00
E_FISHKILL__LBMP 23776	25.38 1.46 0.00	23.80 1.24 0.00	22.80 1.13 0.00	21.86 1.06 0.00	22.23 1.06 0.00	26.06 1.10 0.00	33.15 1.46 0.00	40.36 1.73 -0.17	40.61 1.82 0.00	35.91 1.64 0.00	34.41 1.76 0.00	34.13 1.81 0.00	33.96 1.86 0.00	34.45 1.89 0.00	34.97 1.95 0.00	35.92 2.00 0.00	39.64 2.24 0.00	45.47 2.41 0.00	49.15 2.74 0.00	50.95 2.79 0.00	42.41 2.10 0.00	36.92 1.92 0.00	32.15 1.53 0.00	26.62 1.19 0.00
FALCON____SEABRD_CC1 323796	22.80 -1.12 0.00	21.64 -0.93 0.00	20.96 -0.71 0.00	20.30 -0.50 0.00	20.81 -0.36 0.00	24.79 -0.17 0.00	32.36 0.67 0.00	39.50 1.04 0.00	39.72 0.93 0.00	34.78 0.51 0.00	32.64 0.00 0.00	32.19 -0.13 0.00	31.68 -0.42 0.00	32.24 -0.33 0.00	32.39 -0.63 0.00	33.27 -0.65 0.00	37.25 -0.15 0.00	43.66 0.60 0.00	46.64 0.23 0.00	48.11 -0.05 0.00	40.67 0.36 0.00	34.93 -0.07 0.00	30.44 -0.18 0.00	25.37 -0.05 0.00



FALCON___SEABRD_CC2 323797	22.80 -1.12 0.00	21.64 -0.93 0.00	20.96 -0.71 0.00	20.30 -0.50 0.00	20.81 -0.36 0.00	24.79 -0.17 0.00	32.36 0.67 0.00	39.50 1.04 0.00	39.72 0.93 0.00	34.78 0.51 0.00	32.64 0.00 0.00	32.19 -0.13 0.00	31.68 -0.42 0.00	32.24 -0.33 0.00	32.39 -0.63 0.00	33.27 -0.65 0.00	37.25 -0.15 0.00	43.66 0.60 0.00	46.64 0.23 0.00	48.11 -0.05 0.00	40.67 0.36 0.00	34.93 -0.07 0.00	30.44 -0.18 0.00	25.37 -0.05 0.00
FAR ROCKAWAY___4 23548	31.67 2.32 -5.43	24.48 1.92 0.00	23.47 1.80 0.00	22.44 1.64 0.00	22.82 1.65 0.00	26.89 1.92 0.00	34.53 2.57 -0.27	41.36 2.73 -0.17	41.69 2.91 0.00	37.01 2.74 0.00	36.90 3.00 -1.25	37.07 3.04 -1.71	36.20 3.05 -1.04	36.36 3.13 -0.67	36.33 3.17 -0.14	37.43 3.29 -0.22	41.10 3.70 0.00	49.15 4.18 -1.91	55.82 4.64 -4.76	52.92 4.77 0.00	43.94 3.63 0.00	39.77 3.29 -1.49	33.19 2.57 0.00	30.84 2.08 -3.33
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.83 1.91 0.00	24.14 1.58 0.00	23.08 1.41 0.00	22.13 1.33 0.00	22.50 1.33 0.00	26.44 1.47 0.00	33.69 2.00 0.00	40.98 2.35 -0.17	41.23 2.44 0.00	36.46 2.19 0.00	34.99 2.35 0.00	34.74 2.42 0.00	34.61 2.50 0.00	35.14 2.57 0.00	35.63 2.61 0.00	36.56 2.65 0.00	40.36 2.95 0.00	46.25 3.19 0.00	49.94 3.53 0.00	51.82 3.66 0.00	43.05 2.74 0.00	37.52 2.52 0.00	32.64 2.02 0.00	27.05 1.63 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.83 1.91 0.00	24.14 1.58 0.00	23.08 1.41 0.00	22.13 1.33 0.00	22.50 1.33 0.00	26.44 1.47 0.00	33.69 2.00 0.00	40.98 2.35 -0.17	41.23 2.44 0.00	36.46 2.19 0.00	34.99 2.35 0.00	34.74 2.42 0.00	34.61 2.50 0.00	35.14 2.57 0.00	35.63 2.61 0.00	36.56 2.65 0.00	40.36 2.95 0.00	46.25 3.19 0.00	49.94 3.53 0.00	51.82 3.66 0.00	43.05 2.74 0.00	37.52 2.52 0.00	32.67 2.05 0.00	27.05 1.63 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.81 1.89 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.13 1.33 0.00	22.50 1.33 0.00	26.41 1.45 0.00	33.69 2.00 0.00	40.94 2.31 -0.17	41.23 2.44 0.00	36.46 2.19 0.00	34.99 2.35 0.00	34.74 2.42 0.00	34.57 2.47 0.00	35.11 2.54 0.00	35.59 2.58 0.00	36.56 2.65 0.00	40.32 2.92 0.00	46.25 3.19 0.00	49.94 3.53 0.00	51.77 3.61 0.00	43.01 2.70 0.00	37.48 2.48 0.00	32.64 2.02 0.00	27.02 1.60 0.00
FARRAGUT___LBMP 323566	25.81 1.89 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.48 1.31 0.00	26.41 1.45 0.00	33.66 1.97 0.00	40.90 2.27 -0.17	41.19 2.40 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.71 2.39 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.53 2.61 0.00	40.28 2.88 0.00	46.20 3.14 0.00	49.89 3.48 0.00	51.77 3.61 0.00	42.97 2.66 0.00	37.48 2.48 0.00	32.61 1.99 0.00	27.02 1.60 0.00
FENNER___WINDPWR 24204	24.21 0.29 0.00	22.86 0.29 0.00	21.93 0.26 0.00	21.05 0.25 0.00	21.44 0.27 0.00	25.39 0.42 0.00	32.33 0.63 0.00	39.30 0.81 -0.02	39.60 0.66 -0.16	35.04 0.62 -0.16	33.13 0.49 0.00	32.81 0.49 0.00	32.55 0.45 0.00	33.05 0.49 0.00	33.51 0.46 -0.02	34.58 0.51 -0.15	38.08 0.52 -0.15	44.32 0.56 -0.70	47.44 0.88 -0.16	49.39 0.96 -0.27	41.15 0.73 -0.12	35.66 0.56 -0.11	31.08 0.46 0.00	25.85 0.43 0.00
FIBERTEK___ENERGY 23856	23.73 -0.19 0.00	22.43 -0.14 0.00	21.54 -0.13 0.00	20.66 -0.15 0.00	21.04 -0.13 0.00	24.92 -0.05 0.00	31.60 -0.10 0.00	38.37 -0.15 -0.06	38.82 -0.35 -0.38	34.35 -0.31 -0.39	32.35 -0.29 0.00	32.03 -0.29 0.00	31.81 -0.29 0.00	32.27 -0.29 0.00	32.72 -0.30 0.00	33.90 -0.34 -0.32	37.04 -0.41 -0.06	42.67 -0.56 -0.17	46.51 -0.28 -0.38	48.54 -0.29 -0.67	40.22 -0.32 -0.23	34.89 -0.31 -0.20	30.40 -0.21 0.00	25.29 -0.13 0.00
FITZPATRICK____ 23598	23.23 -0.69 0.00	21.93 -0.63 0.00	21.11 -0.56 0.00	20.24 -0.56 0.00	20.58 -0.59 0.00	24.37 -0.60 0.00	30.81 -0.89 0.00	37.00 -1.15 0.31	35.50 -1.28 2.01	31.10 -1.13 2.04	31.57 -1.08 0.00	31.25 -1.07 0.00	31.04 -1.06 0.00	31.52 -1.04 0.00	31.93 -1.09 0.00	31.10 -1.15 1.66	35.80 -1.31 0.29	40.60 -1.55 0.91	42.96 -1.44 2.01	43.21 -1.44 3.51	37.80 -1.29 1.22	32.80 -1.12 1.07	29.70 -0.92 0.00	24.74 -0.69 0.00
FLOWRFLD_69_KV_BK1 356044	31.81 2.46 -5.43	24.57 2.01 0.00	23.58 1.91 0.00	22.49 1.68 0.00	22.88 1.71 0.00	27.01 2.05 0.00	34.75 2.79 -0.27	41.21 2.58 -0.17	41.62 2.83 0.00	37.01 2.74 0.00	36.90 3.00 -1.25	37.04 3.01 -1.71	36.20 3.05 -1.04	36.36 3.13 -0.67	36.40 3.24 -0.14	37.49 3.36 -0.22	41.22 3.81 0.00	49.37 4.39 -1.92	55.77 4.59 -4.77	52.83 4.67 0.00	44.10 3.79 -0.01	39.84 3.36 -1.49	33.28 2.66 0.00	31.02 2.26 -3.33
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.55 1.63 0.00	23.96 1.40 0.00	22.95 1.28 0.00	22.01 1.21 0.00	22.33 1.16 0.00	26.21 1.25 0.00	33.41 1.71 0.00	40.43 1.96 0.00	40.84 2.06 0.00	36.08 1.82 0.00	34.54 1.89 0.00	34.23 1.91 0.00	34.09 1.99 0.00	34.58 2.02 0.00	35.17 2.15 0.00	36.12 2.20 0.00	39.98 2.58 0.00	45.82 2.76 0.00	49.57 3.16 0.00	51.43 3.27 0.00	42.81 2.50 0.00	37.24 2.24 0.00	32.36 1.75 0.00	26.79 1.37 0.00
FORT ORANGE____ 23900	24.69 0.77 0.00	23.26 0.70 0.00	22.28 0.61 0.00	21.38 0.58 0.00	21.72 0.55 0.00	25.56 0.60 0.00	32.42 0.73 0.00	33.39 1.04 6.11	28.19 1.05 11.64	13.69 0.93 21.50	14.53 0.88 19.00	14.77 0.90 18.46	15.61 0.90 17.39	21.33 0.85 12.08	23.82 0.96 10.16	24.35 1.02 10.59	16.56 1.12 21.96	6.54 1.38 37.90	10.47 1.67 37.61	35.58 1.73 14.30	29.84 1.33 11.80	25.60 1.19 10.59	31.48 0.89 0.03	25.98 0.56 0.00
FORT_DRUM_COGEN 23780	23.68 -0.24 0.00	22.36 -0.20 0.00	21.43 -0.24 0.00	20.68 -0.12 0.00	21.08 -0.08 0.00	25.04 0.07 0.00	32.11 0.41 0.00	39.09 0.58 -0.05	39.39 0.31 -0.29	34.77 0.21 -0.30	32.61 -0.03 0.00	32.19 -0.13 0.00	31.85 -0.26 0.00	32.24 -0.33 0.00	32.62 -0.40 0.00	33.86 -0.31 -0.24	36.99 -0.45 -0.04	42.85 -0.34 -0.13	46.75 0.05 -0.29	49.01 0.34 -0.51	40.73 0.24 -0.18	35.22 0.07 -0.16	30.56 -0.06 0.00	25.45 0.03 0.00
FOX_HILLS___ESR 323835	25.87 1.94 -0.01	24.22 1.65 -0.01	23.15 1.47 -0.01	22.20 1.39 -0.01	22.57 1.40 -0.01	26.50 1.52 -0.01	33.66 1.97 0.00	40.75 2.12 -0.17	41.04 2.25 0.00	35.53 2.06 0.79	34.86 2.22 0.00	34.65 2.33 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.50 2.58 0.00	40.21 2.81 0.00	46.07 3.01 0.00	49.75 3.34 0.00	51.62 3.47 0.00	42.77 2.46 0.00	37.41 2.41 0.00	32.74 2.11 -0.01	27.13 1.70 -0.01
FPL FAR_ROCK_GT1 24212	31.65 2.30 -5.43	24.55 1.99 0.00	23.51 1.84 0.00	22.53 1.73 0.00	22.93 1.76 0.00	26.91 1.95 0.00	34.54 2.57 -0.28	41.59 2.96 -0.17	41.81 3.03 0.00	37.01 2.74 0.00	36.90 3.00 -1.26	37.08 3.04 -1.72	36.21 3.05 -1.05	36.33 3.10 -0.67	36.34 3.17 -0.15	37.40 3.26 -0.23	41.11 3.70 -0.01	49.12 4.13 -1.92	55.82 4.64 -4.77	52.97 4.82 0.00	43.98 3.67 0.00	39.78 3.29 -1.49	33.19 2.57 0.00	30.82 2.06 -3.34



FPL FAR_ROCK_GT2 23815	31.65 2.30 -5.43	24.55 1.99 0.00	23.51 1.84 0.00	22.53 1.73 0.00	22.93 1.76 0.00	26.91 1.95 0.00	34.54 2.57 -0.28	41.59 2.96 -0.17	41.81 3.03 0.00	37.01 2.74 0.00	36.90 3.00 -1.26	37.08 3.04 -1.72	36.21 3.05 -1.05	36.33 3.10 -0.67	36.34 3.17 -0.15	37.40 3.26 -0.23	41.11 3.70 -0.01	49.12 4.13 -1.92	55.82 4.64 -4.77	52.97 4.82 0.00	43.98 3.67 0.00	39.78 3.29 -1.49	33.19 2.57 0.00	30.82 2.06 -3.34
FRANKLIN_FALL_HYD 24054	23.01 -0.91 0.00	21.82 -0.74 0.00	21.02 -0.65 0.00	20.36 -0.44 0.00	20.81 -0.36 0.00	24.69 -0.27 0.00	31.98 0.29 0.00	38.96 0.50 0.00	39.37 0.58 0.00	34.44 0.17 0.00	32.41 -0.23 0.00	31.93 -0.39 0.00	31.43 -0.67 0.00	32.01 -0.55 0.00	32.16 -0.86 0.00	33.00 -0.92 0.00	36.80 -0.60 0.00	43.02 -0.04 0.00	45.95 -0.46 0.00	47.53 -0.63 0.00	40.15 -0.16 0.00	34.61 -0.38 0.00	30.25 -0.37 0.00	25.22 -0.20 0.00
FREEPORT_EQUS_GT1 23764	31.53 2.18 -5.43	24.46 1.90 0.00	23.41 1.73 0.00	22.42 1.62 0.00	22.84 1.67 0.00	26.81 1.85 0.00	34.38 2.41 -0.28	41.28 2.65 -0.17	41.50 2.71 0.00	36.74 2.47 0.00	36.68 2.77 -1.26	36.85 2.81 -1.72	36.01 2.86 -1.05	36.14 2.90 -0.67	36.14 2.97 -0.15	37.20 3.05 -0.23	40.85 3.44 -0.01	48.64 3.66 -1.92	55.27 4.09 -4.77	52.40 4.24 0.00	43.70 3.39 0.00	39.53 3.04 -1.49	33.04 2.42 0.00	30.69 1.93 -3.34
FREEPORT___CT2 23818	31.53 2.18 -5.43	24.46 1.90 0.00	23.41 1.73 0.00	22.42 1.62 0.00	22.84 1.67 0.00	26.81 1.85 0.00	34.38 2.41 -0.28	41.28 2.65 -0.17	41.50 2.71 0.00	36.74 2.47 0.00	36.68 2.77 -1.26	36.85 2.81 -1.72	36.01 2.86 -1.05	36.14 2.90 -0.67	36.14 2.97 -0.15	37.20 3.05 -0.23	40.85 3.44 -0.01	48.64 3.66 -1.92	55.27 4.09 -4.77	52.40 4.24 0.00	43.70 3.39 0.00	39.53 3.04 -1.49	33.04 2.42 0.00	30.69 1.93 -3.34
FRESHKLS_33_KV_LOAD 356253	25.87 1.94 -0.01	24.22 1.65 -0.01	23.18 1.50 -0.01	22.22 1.41 -0.01	22.60 1.42 -0.01	26.52 1.55 -0.01	33.63 1.93 0.00	40.71 2.08 -0.17	41.00 2.21 0.00	35.50 2.02 0.79	34.83 2.19 0.00	34.62 2.29 0.00	34.45 2.34 0.00	35.01 2.44 0.00	35.50 2.48 0.00	36.43 2.51 0.00	40.17 2.77 0.00	46.03 2.97 0.00	49.70 3.30 0.00	51.58 3.42 0.00	42.73 2.42 0.00	37.34 2.34 0.00	32.77 2.14 -0.01	27.13 1.70 -0.01
FULTON COGEN____ 23766	23.54 -0.38 0.00	22.22 -0.34 0.00	21.35 -0.33 0.00	20.47 -0.33 0.00	20.85 -0.32 0.00	24.67 -0.30 0.00	31.28 -0.41 0.00	38.03 -0.54 -0.10	38.71 -0.74 -0.66	34.29 -0.65 -0.67	32.02 -0.62 0.00	31.71 -0.61 0.00	31.49 -0.61 0.00	31.95 -0.62 0.00	32.39 -0.63 0.00	33.82 -0.64 -0.55	36.71 -0.79 -0.10	42.41 -0.95 -0.30	46.38 -0.70 -0.66	48.59 -0.72 -1.15	40.03 -0.69 -0.40	34.72 -0.63 -0.35	30.13 -0.49 0.00	25.07 -0.36 0.00
FULTON___LFGE 323630	25.74 1.82 0.00	24.32 1.76 0.00	23.25 1.58 0.00	22.30 1.50 0.00	22.65 1.48 0.00	26.81 1.85 0.00	34.36 2.66 0.00	42.74 3.27 -1.01	43.59 2.91 -1.89	40.10 2.33 -3.50	37.53 1.79 -3.09	37.00 1.68 -3.00	36.63 1.70 -2.83	36.16 1.63 -1.96	36.55 1.88 -1.65	37.84 2.20 -1.72	43.55 2.58 -3.57	52.84 3.62 -6.16	56.79 4.27 -6.12	54.96 4.48 -2.33	45.70 3.47 -1.92	39.73 3.01 -1.72	33.04 2.42 0.00	27.41 1.98 0.00
G.F.CEMENT___DRP 24184	25.67 1.75 0.00	24.23 1.67 0.00	23.17 1.50 0.00	22.22 1.41 0.00	22.55 1.38 0.00	26.64 1.67 0.00	33.91 2.22 0.00	43.13 2.81 -1.86	44.97 2.75 -3.43	42.96 2.36 -6.33	40.33 2.09 -5.60	39.83 2.07 -5.44	39.28 2.05 -5.12	38.11 1.99 -3.56	38.16 2.15 -2.99	39.31 2.27 -3.12	46.26 2.39 -6.47	57.54 3.32 -11.16	61.39 3.90 -11.08	56.41 4.05 -4.21	46.89 3.10 -3.48	40.88 2.76 -3.12	32.80 2.17 -0.01	27.15 1.73 0.00
GARDENVILLE___LBMP 24039	22.80 -1.12 0.00	21.82 -0.74 0.00	21.00 -0.67 0.00	19.82 -0.98 0.00	20.43 -0.74 0.00	24.72 -0.25 0.00	31.09 -0.60 0.00	37.12 -1.35 0.00	36.38 -2.40 0.00	32.14 -2.12 0.00	30.62 -2.02 0.00	30.25 -2.07 0.00	30.05 -2.05 0.00	30.51 -2.05 0.00	30.91 -2.08 0.03	31.69 -2.20 0.03	34.88 -2.39 0.13	39.56 -2.84 0.66	43.62 -2.78 0.00	45.46 -2.70 0.00	37.74 -2.54 0.03	32.70 -2.27 0.03	29.52 -1.10 0.00	25.52 0.10 0.00
GARDNVLA_35_KV_LD 355827	22.89 -1.03 0.00	21.89 -0.68 0.00	21.09 -0.59 0.00	19.89 -0.92 0.00	20.51 -0.66 0.00	24.82 -0.15 0.00	31.22 -0.48 0.00	37.27 -1.19 0.00	36.58 -2.21 0.00	32.31 -1.95 0.00	30.78 -1.86 0.00	30.41 -1.91 0.00	30.21 -1.89 0.00	30.68 -1.89 0.00	31.11 -1.88 0.03	31.89 -2.00 0.03	35.11 -2.17 0.12	39.78 -2.63 0.65	43.86 -2.55 0.00	45.70 -2.46 0.00	37.95 -2.34 0.03	32.84 -2.13 0.03	29.64 -0.98 0.00	25.63 0.20 0.00
GELCKHM___115KV_LOAD 80723	23.61 -0.31 0.00	22.29 -0.27 0.00	21.43 -0.24 0.00	20.53 -0.27 0.00	20.92 -0.25 0.00	24.77 -0.20 0.00	31.41 -0.29 0.00	38.08 -0.42 -0.04	38.45 -0.58 -0.25	34.00 -0.51 -0.25	32.15 -0.49 0.00	31.84 -0.48 0.00	31.62 -0.48 0.00	32.08 -0.49 0.00	32.52 -0.50 0.00	33.58 -0.54 -0.21	36.80 -0.64 -0.04	42.40 -0.78 -0.11	46.10 -0.56 -0.25	48.01 -0.58 -0.43	39.90 -0.56 -0.15	34.60 -0.52 -0.13	30.25 -0.37 0.00	25.17 -0.25 0.00
GENERAL___MILLS 23808	22.87 -1.05 0.00	21.86 -0.70 0.00	21.04 -0.63 0.00	19.87 -0.94 0.00	20.47 -0.70 0.00	24.79 -0.17 0.00	31.19 -0.51 0.00	37.23 -1.23 0.00	36.50 -2.29 0.00	32.25 -2.02 0.00	30.72 -1.93 0.00	30.35 -1.97 0.00	30.14 -1.96 0.00	30.61 -1.95 0.00	31.05 -1.95 0.03	31.82 -2.07 0.03	35.04 -2.24 0.12	39.74 -2.67 0.65	43.76 -2.65 0.00	45.60 -2.55 0.00	37.87 -2.42 0.03	32.80 -2.17 0.03	29.61 -1.01 0.00	25.60 0.18 0.00
GE_PLASTICS___DRP 24183	24.64 0.72 0.00	23.22 0.65 0.00	22.26 0.59 0.00	21.36 0.56 0.00	21.70 0.53 0.00	25.54 0.57 0.00	32.36 0.67 0.00	34.27 0.92 5.12	29.97 0.93 9.75	17.11 0.86 18.01	17.58 0.85 15.92	17.73 0.87 15.46	18.40 0.87 14.57	23.29 0.85 10.12	25.40 0.89 8.51	26.00 0.95 8.87	20.05 1.05 18.40	12.56 1.25 31.75	16.38 1.49 31.51	37.71 1.54 11.98	31.59 1.17 9.89	27.21 1.08 8.87	31.42 0.83 0.03	25.96 0.53 0.00
GILBOA___1 23756	24.69 0.77 0.00	23.26 0.70 0.00	22.30 0.63 0.00	21.47 0.67 0.00	21.83 0.66 0.00	25.59 0.62 0.00	32.49 0.79 0.00	39.46 1.00 0.00	39.79 1.01 0.00	35.16 0.89 0.00	33.56 0.91 0.00	33.26 0.94 0.00	33.06 0.96 0.00	33.54 0.98 0.00	34.04 1.02 0.00	34.97 1.05 0.00	38.52 1.12 0.00	44.18 1.12 0.00	47.71 1.30 0.00	49.50 1.35 0.00	41.40 1.09 0.00	36.08 1.09 0.00	31.47 0.86 0.00	26.06 0.64 0.00
GILBOA___2 23757	24.69 0.77 0.00	23.26 0.70 0.00	22.30 0.63 0.00	21.47 0.67 0.00	21.83 0.66 0.00	25.59 0.62 0.00	32.49 0.79 0.00	39.46 1.00 0.00	39.79 1.01 0.00	35.16 0.89 0.00	33.56 0.91 0.00	33.26 0.94 0.00	33.06 0.96 0.00	33.54 0.98 0.00	34.04 1.02 0.00	34.97 1.05 0.00	38.52 1.12 0.00	44.18 1.12 0.00	47.71 1.30 0.00	49.50 1.35 0.00	41.40 1.09 0.00	36.08 1.09 0.00	31.47 0.86 0.00	26.06 0.64 0.00



GILBOA___3 23758	24.69 0.77 0.00	23.26 0.70 0.00	22.30 0.63 0.00	21.47 0.67 0.00	21.83 0.66 0.00	25.59 0.62 0.00	32.49 0.79 0.00	39.46 1.00 0.00	39.79 1.01 0.00	35.16 0.89 0.00	33.56 0.91 0.00	33.26 0.94 0.00	33.06 0.96 0.00	33.54 0.98 0.00	34.04 1.02 0.00	34.97 1.05 0.00	38.52 1.12 0.00	44.18 1.12 0.00	47.71 1.30 0.00	49.50 1.35 0.00	41.40 1.09 0.00	36.08 1.09 0.00	31.47 0.86 0.00	26.06 0.64 0.00
GILBOA___4 23759	24.69 0.77 0.00	23.26 0.70 0.00	22.30 0.63 0.00	21.47 0.67 0.00	21.83 0.66 0.00	25.59 0.62 0.00	32.49 0.79 0.00	39.46 1.00 0.00	39.79 1.01 0.00	35.16 0.89 0.00	33.56 0.91 0.00	33.26 0.94 0.00	33.06 0.96 0.00	33.54 0.98 0.00	34.04 1.02 0.00	34.97 1.05 0.00	38.52 1.12 0.00	44.18 1.12 0.00	47.71 1.30 0.00	49.50 1.35 0.00	41.40 1.09 0.00	36.08 1.09 0.00	31.47 0.86 0.00	26.06 0.64 0.00
GILBOA___ 23599	24.69 0.77 0.00	23.24 0.68 0.00	22.39 0.72 0.00	21.47 0.67 0.00	21.83 0.66 0.00	25.59 0.62 0.00	32.49 0.79 0.00	39.43 0.96 0.00	39.76 0.97 0.00	35.16 0.89 0.00	33.56 0.91 0.00	33.26 0.94 0.00	33.07 0.96 0.00	33.54 0.98 0.00	34.04 1.02 0.00	34.97 1.05 0.00	38.52 1.12 0.00	44.18 1.12 0.00	47.71 1.30 0.00	49.50 1.35 0.00	41.40 1.09 0.00	36.08 1.08 0.00	31.47 0.86 0.00	26.06 0.64 0.00
GINNA___ 23603	23.61 -0.31 0.00	22.43 -0.13 0.00	21.59 -0.09 0.00	20.51 -0.29 0.00	20.98 -0.19 0.00	25.17 0.20 0.00	31.89 0.19 0.00	38.50 0.04 0.00	38.24 -0.54 0.00	33.82 -0.45 0.00	32.12 -0.52 0.00	31.84 -0.48 0.00	31.65 -0.45 0.00	32.18 -0.39 0.00	32.54 -0.46 0.02	33.22 -0.68 0.02	36.19 -1.12 0.09	41.46 -1.16 0.44	45.95 -0.46 0.00	47.82 -0.33 0.00	39.77 -0.53 0.02	34.42 -0.56 0.02	30.50 -0.12 0.00	25.78 0.36 0.00
GLEN PARK___ 23778	23.82 -0.10 0.00	22.50 -0.07 0.00	21.56 -0.11 0.00	20.78 -0.02 0.00	21.17 0.00 0.00	25.19 0.22 0.00	32.30 0.60 0.00	39.32 0.81 0.00	39.60 0.50 -0.05	34.96 0.38 -0.31	32.74 0.10 0.00	32.32 0.00 0.00	31.97 -0.13 0.00	32.40 -0.16 0.00	32.75 -0.27 0.00	34.04 -0.14 -0.26	37.22 -0.22 -0.04	43.16 -0.04 -0.14	47.09 0.37 -0.31	49.42 0.72 -0.54	41.02 0.52 -0.19	35.48 0.31 -0.17	30.74 0.12 0.00	25.60 0.18 0.00
GLENDALE_27_KV_LOAD 356172	25.99 2.06 -0.01	24.31 1.74 -0.01	23.22 1.54 -0.01	22.29 1.48 -0.01	22.66 1.48 -0.01	26.62 1.65 -0.01	33.91 2.22 0.00	41.13 2.50 -0.17	41.42 2.64 0.00	36.67 2.40 0.00	35.19 2.55 0.00	34.97 2.65 0.00	34.80 2.70 0.00	35.33 2.81 0.00	35.83 2.88 0.00	36.80 3.14 0.00	40.54 3.40 0.00	46.46 3.76 0.00	50.17 3.85 0.00	52.01 2.86 0.00	43.17 2.69 0.00	37.69 2.38 0.00	32.86 2.24 -0.01	27.23 1.80 -0.01
GLENWOOD_IC_1_G5 23712	31.50 2.15 -5.43	24.34 1.78 0.00	23.34 1.67 0.00	22.32 1.52 0.00	22.69 1.52 0.00	26.74 1.77 0.00	34.34 2.38 -0.27	40.75 2.12 -0.17	41.07 2.29 0.00	36.80 2.54 0.00	36.67 2.77 -1.25	36.87 2.84 -1.71	36.00 2.86 -1.04	36.16 2.93 -0.67	36.13 2.97 -0.14	37.19 3.05 -0.22	40.65 3.25 0.00	48.42 3.44 -1.91	54.98 3.81 -4.76	52.06 3.90 0.00	43.25 2.94 0.00	39.46 2.97 -1.49	33.01 2.39 0.00	30.66 1.91 -3.33
GLENWOOD_IC_2_G1 23688	31.43 2.08 -5.43	24.37 1.81 0.00	23.32 1.65 0.00	22.34 1.54 0.00	22.76 1.59 0.00	26.69 1.72 0.00	34.25 2.28 -0.28	41.10 2.46 -0.17	41.35 2.56 0.00	36.67 2.40 0.00	36.58 2.68 -1.26	36.75 2.72 -1.72	35.92 2.76 -1.05	36.04 2.80 -0.67	36.04 2.87 -0.15	37.06 2.92 -0.23	40.66 3.25 -0.01	48.51 3.53 -1.92	55.12 3.94 -4.77	52.25 4.09 0.00	43.41 3.10 0.00	39.36 2.87 -1.49	32.92 2.30 0.00	30.59 1.83 -3.34
GLENWOOD_IC_3_G1 23689	31.43 2.08 -5.43	24.37 1.81 0.00	23.32 1.65 0.00	22.34 1.54 0.00	22.76 1.59 0.00	26.69 1.72 0.00	34.25 2.28 -0.28	41.10 2.46 -0.17	41.35 2.56 0.00	36.67 2.40 0.00	36.58 2.68 -1.26	36.75 2.72 -1.72	35.92 2.76 -1.05	36.04 2.80 -0.67	36.04 2.87 -0.15	37.06 2.92 -0.23	40.66 3.25 -0.01	48.51 3.53 -1.92	55.12 3.94 -4.77	52.25 4.09 0.00	43.41 3.10 0.00	39.36 2.87 -1.49	32.92 2.30 0.00	30.59 1.83 -3.34
GLENWOOD___4 23550	31.50 2.15 -5.43	24.34 1.78 0.00	23.34 1.67 0.00	22.32 1.52 0.00	22.69 1.52 0.00	26.74 1.77 0.00	34.34 2.38 -0.27	40.82 2.19 -0.17	41.19 2.40 0.00	36.80 2.54 0.00	36.67 2.77 -1.25	36.87 2.84 -1.71	36.00 2.86 -1.04	36.16 2.93 -0.67	36.13 2.97 -0.14	37.19 3.05 -0.22	40.69 3.29 0.00	48.50 3.53 -1.91	55.12 3.94 -4.76	52.20 4.05 0.00	43.37 3.06 0.00	39.46 2.97 -1.49	33.01 2.39 0.00	30.66 1.91 -3.33
GLENWOOD___5 23614	31.50 2.15 -5.43	24.34 1.78 0.00	23.34 1.67 0.00	22.32 1.52 0.00	22.69 1.52 0.00	26.74 1.77 0.00	34.34 2.38 -0.27	40.82 2.19 -0.17	41.19 2.40 0.00	36.80 2.54 0.00	36.67 2.77 -1.25	36.87 2.84 -1.71	36.00 2.86 -1.04	36.16 2.93 -0.67	36.13 2.97 -0.14	37.19 3.05 -0.22	40.69 3.29 0.00	48.50 3.53 -1.91	55.12 3.94 -4.76	52.20 4.05 0.00	43.37 3.06 0.00	39.46 2.97 -1.49	33.01 2.39 0.00	30.66 1.91 -3.33
GLOBAL GREEN_PORT_GT1 23814	32.44 3.09 -5.43	25.16 2.59 0.00	24.10 2.43 0.00	23.03 2.23 0.00	23.39 2.22 0.00	27.41 2.45 0.00	35.20 3.23 -0.28	42.17 3.54 -0.17	42.12 3.34 0.00	37.11 2.84 -1.26	36.94 3.04 -1.72	36.98 2.94 -1.05	36.01 2.86 -0.67	36.17 2.93 -0.15	36.37 3.20 -0.23	37.98 3.83 -0.01	42.27 4.86 -1.93	50.54 5.56 -4.78	57.13 5.94 0.00	54.13 5.97 0.00	44.71 4.39 -0.01	40.13 3.64 -1.49	33.25 2.63 0.00	31.00 2.24 -3.34
GLOBE___DSASP 323697	22.13 -1.79 0.00	21.21 -1.35 0.00	20.42 -1.26 0.00	19.24 -1.56 0.00	19.86 -1.31 0.00	24.04 -0.92 0.00	30.11 -1.58 0.00	35.85 -2.62 0.00	35.26 -3.53 0.00	31.22 -3.05 0.00	29.77 -2.87 0.00	29.44 -2.88 0.00	29.28 -2.83 0.00	29.67 -2.90 0.00	30.09 -2.91 0.02	30.54 -3.36 0.02	33.28 -4.00 0.12	37.75 -4.74 0.58	42.14 -4.27 0.00	43.92 -4.24 0.00	36.54 -3.75 0.02	31.68 -3.29 0.02	28.69 -1.93 0.00	24.79 -0.64 0.00
GOETHSLN___LBMP 323567	25.71 1.79 0.00	24.01 1.44 0.00	22.95 1.28 0.00	22.03 1.23 0.00	22.38 1.21 0.00	26.29 1.32 0.00	33.50 1.81 0.00	40.67 2.04 -0.17	40.96 2.17 0.00	35.44 1.95 0.78	34.80 2.15 0.00	34.55 2.23 0.00	34.41 2.31 0.00	34.94 2.38 0.00	35.43 2.41 0.00	36.33 2.41 0.00	40.09 2.69 0.00	45.95 2.89 0.00	49.61 3.20 0.00	51.48 3.32 0.00	42.73 2.42 0.00	37.27 2.27 0.00	32.49 1.87 0.00	26.90 1.47 0.00
GOLAH___69_KV_TB 1_2 80279	23.27 -0.65 0.00	22.16 -0.41 0.00	21.30 -0.37 0.00	20.20 -0.60 0.00	20.77 -0.40 0.00	24.97 0.00 0.00	31.50 -0.19 0.00	38.00 -0.46 0.00	37.58 -1.20 0.00	33.21 -1.06 0.00	31.57 -1.08 0.00	31.22 -1.10 0.00	31.04 -1.06 0.00	31.46 -1.11 0.00	31.88 -1.12 0.02	32.44 -1.46 0.02	35.37 -1.94 0.09	40.51 -2.11 0.44	44.97 -1.44 0.00	46.95 -1.20 0.00	39.04 -1.25 0.02	33.79 -1.19 0.02	30.07 -0.55 0.00	25.50 0.08 0.00



GOODYEAR_LAKE_HYD 323669	24.92 1.00 0.00	23.49 0.93 0.00	22.54 0.87 0.00	21.63 0.83 0.00	22.02 0.85 0.00	25.96 1.00 0.00	33.15 1.46 0.00	40.57 1.81 -0.30	41.08 1.71 -0.59	36.82 1.51 -1.04	34.89 1.37 -0.87	34.49 1.33 -0.85	34.22 1.32 -0.80	34.46 1.34 -0.56	34.88 1.39 -0.48	35.99 1.53 -0.54	40.16 1.68 -1.08	47.09 1.98 -2.05	50.51 2.32 -1.78	51.37 2.46 -0.75	42.83 1.93 -0.59	37.17 1.64 -0.53	31.90 1.29 0.00	26.54 1.12 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.99 0.07 0.00	22.70 0.14 0.00	21.82 0.15 0.00	20.84 0.04 0.00	21.28 0.11 0.00	25.24 0.27 0.00	32.01 0.32 0.00	38.79 0.31 -0.02	39.12 0.19 -0.14	34.58 0.17 -0.14	32.81 0.16 0.00	32.48 0.16 0.00	32.30 0.19 0.00	32.76 0.20 0.00	33.19 0.17 -0.01	34.28 0.24 -0.13	37.81 0.34 -0.07	43.66 0.30 -0.30	47.01 0.46 -0.14	48.93 0.53 -0.24	40.69 0.28 -0.09	35.33 0.24 -0.08	30.92 0.31 0.00	25.83 0.41 0.00
GOUDEY___7 23579	23.99 0.07 0.00	22.70 0.14 0.00	21.82 0.15 0.00	20.84 0.04 0.00	21.28 0.11 0.00	25.24 0.27 0.00	32.01 0.32 0.00	38.79 0.31 -0.02	39.12 0.19 -0.14	34.58 0.17 -0.14	32.81 0.16 0.00	32.48 0.16 0.00	32.30 0.19 0.00	32.76 0.20 0.00	33.19 0.17 -0.01	34.28 0.24 -0.13	37.81 0.34 -0.07	43.66 0.30 -0.30	47.01 0.46 -0.14	48.93 0.53 -0.24	40.69 0.28 -0.09	35.33 0.24 -0.08	30.92 0.31 0.00	25.83 0.41 0.00
GOUDEY___8 23580	23.99 0.07 0.00	22.70 0.14 0.00	21.82 0.15 0.00	20.84 0.04 0.00	21.28 0.11 0.00	25.24 0.27 0.00	32.01 0.32 0.00	38.79 0.31 -0.02	39.12 0.19 -0.14	34.58 0.17 -0.14	32.81 0.16 0.00	32.48 0.16 0.00	32.30 0.19 0.00	32.76 0.20 0.00	33.19 0.17 -0.01	34.28 0.24 -0.13	37.81 0.34 -0.07	43.66 0.30 -0.30	47.01 0.46 -0.14	48.93 0.53 -0.24	40.69 0.28 -0.09	35.33 0.24 -0.08	30.92 0.31 0.00	25.83 0.41 0.00
GOWANUS_GT1_1 24077	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GOWANUS_GT1_2 24078	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GOWANUS_GT1_3 24079	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GOWANUS_GT1_4 24080	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GOWANUS_GT1_5 24084	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GOWANUS_GT1_6 24111	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GOWANUS_GT1_7 24112	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GOWANUS_GT1_8 24113	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GOWANUS_GT2_1 24114	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
GOWANUS_GT2_2 24115	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
GOWANUS_GT2_3 24116	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01



GOWANUS_GT2_4 24117	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
GOWANUS_GT2_5 24118	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
GOWANUS_GT2_6 24119	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
GOWANUS_GT2_7 24120	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
GOWANUS_GT2_8 24121	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
GOWANUS_GT3_1 24122	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
GOWANUS_GT3_2 24123	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
GOWANUS_GT3_3 24124	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
GOWANUS_GT3_4 24125	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
GOWANUS_GT3_5 24126	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
GOWANUS_GT3_6 24127	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
GOWANUS_GT3_7 24128	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
GOWANUS_GT3_8 24129	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
GOWANUS_GT4_1 24130	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GOWANUS_GT4_2 24131	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01



GOWANUS_GT4_3 24132	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GOWANUS_GT4_4 24133	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GOWANUS_GT4_5 24134	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GOWANUS_GT4_6 24135	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GOWANUS_GT4_7 24136	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GOWANUS_GT4_8 24137	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GREENBSH_115KV_TB3 55895	24.59 0.67 0.00	23.15 0.59 0.00	22.21 0.54 0.00	21.30 0.50 0.00	21.64 0.47 0.00	25.47 0.50 0.00	32.27 0.57 0.00	32.86 0.85 6.45	27.36 0.85 12.28	12.40 0.82 22.69	13.41 0.82 20.05	13.68 0.84 19.48	14.58 0.83 18.36	20.63 0.81 12.75	23.16 0.86 10.72	23.66 0.92 11.17	15.23 1.01 23.18	4.28 1.21 39.99	8.16 1.44 39.69	34.51 1.44 15.09	28.95 1.09 12.45	24.84 1.01 11.17	31.32 0.73 0.03	25.88 0.46 0.00
GREENDGE_115KV_TB5 80291	23.82 -0.10 0.00	22.59 0.02 0.00	21.72 0.04 0.00	20.68 -0.12 0.00	21.19 0.02 0.00	25.34 0.37 0.00	32.14 0.44 0.00	38.36 -0.12 -0.01	37.95 -0.93 -0.09	33.75 -0.62 -0.10	31.92 -0.72 0.00	31.58 -0.74 0.00	31.33 -0.77 0.00	31.78 -0.78 0.00	32.09 -0.86 0.07	33.11 -0.81 0.00	36.09 -0.94 0.38	39.94 -1.25 1.87	45.90 -0.60 -0.09	47.70 -0.63 -0.17	39.49 -0.81 0.02	34.41 -0.56 0.02	30.50 -0.12 0.00	25.83 0.41 0.00
GREENIDGE___3 23582	23.82 -0.10 0.00	22.59 0.02 0.00	21.72 0.04 0.00	20.68 -0.12 0.00	21.19 0.02 0.00	25.34 0.37 0.00	32.14 0.44 0.00	38.36 -0.12 -0.01	37.95 -0.93 -0.09	33.75 -0.62 -0.10	31.92 -0.72 0.00	31.58 -0.74 0.00	31.33 -0.77 0.00	31.78 -0.78 0.00	32.09 -0.86 0.07	33.11 -0.81 0.00	36.09 -0.94 0.38	39.94 -1.25 1.87	45.90 -0.60 -0.09	47.70 -0.63 -0.17	39.49 -0.81 0.02	34.41 -0.56 0.02	30.50 -0.12 0.00	25.83 0.41 0.00
GREENIDGE___4 23583	23.82 -0.10 0.00	22.59 0.02 0.00	21.74 0.07 0.00	20.68 -0.12 0.00	21.15 -0.02 0.00	25.34 0.38 0.00	32.14 0.44 0.00	38.25 -0.23 -0.01	37.87 -1.01 -0.09	33.71 -0.65 -0.10	31.92 -0.72 0.00	31.58 -0.74 0.00	31.33 -0.77 0.00	31.82 -0.75 0.00	32.09 -0.86 0.07	33.08 -0.85 0.00	36.05 -0.97 0.38	39.99 -1.21 1.87	45.90 -0.60 -0.09	47.65 -0.67 -0.17	39.44 -0.85 0.02	34.38 -0.60 0.02	30.50 -0.12 0.00	25.85 0.43 0.00
GREENLWN_69_KV_BK 3 55738	31.45 2.10 -5.43	24.28 1.71 0.00	23.28 1.60 0.00	22.24 1.44 0.00	22.63 1.46 0.00	26.66 1.70 0.00	34.28 2.31 -0.27	40.48 1.85 -0.17	40.84 2.06 0.00	36.46 2.19 0.00	36.41 2.51 -1.25	36.58 2.55 -1.71	35.84 2.70 -1.04	35.97 2.74 -0.67	35.90 2.74 -0.14	36.88 2.75 -0.22	40.28 2.88 0.00	48.20 3.23 -1.91	54.75 3.57 -4.77	51.77 3.61 0.00	43.05 2.74 0.00	39.04 2.55 -1.49	32.91 2.30 0.00	30.64 1.88 -3.33
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01
GRISSOM___SOLAR 323813	25.64 1.72 0.00	24.23 1.67 0.00	23.17 1.49 0.00	22.22 1.42 0.00	22.57 1.40 0.00	26.69 1.72 0.00	34.17 2.47 0.00	42.53 3.04 -1.03	43.46 2.75 -1.92	40.05 2.23 -3.56	37.55 1.76 -3.14	37.05 1.68 -3.05	36.65 1.67 -2.88	36.16 1.60 -2.00	36.55 1.85 -1.68	37.81 2.14 -1.75	43.50 2.47 -3.63	52.77 3.45 -6.27	56.62 3.99 -6.22	54.71 4.19 -2.37	45.52 3.26 -1.95	39.58 2.83 -1.75	32.92 2.30 0.00	27.28 1.85 0.00
GROVEVILLE___HYD 323602	25.55 1.63 0.00	23.96 1.40 0.00	22.95 1.28 0.00	22.01 1.21 0.00	22.33 1.16 0.00	26.21 1.25 0.00	33.41 1.71 0.00	40.43 1.96 0.00	40.84 2.06 0.00	36.08 1.82 0.00	34.54 1.89 0.00	34.23 1.91 0.00	34.09 1.99 0.00	34.58 2.02 0.00	35.17 2.15 0.00	36.12 2.20 0.00	39.98 2.58 0.00	45.82 2.76 0.00	49.57 3.16 0.00	51.43 3.27 0.00	42.81 2.50 0.00	37.24 2.24 0.00	32.36 1.75 0.00	26.79 1.37 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.73 -0.19 0.00	22.43 -0.14 0.00	21.54 -0.13 0.00	20.66 -0.15 0.00	21.04 -0.13 0.00	24.92 -0.05 0.00	31.60 -0.10 0.00	38.37 -0.15 -0.06	38.82 -0.35 -0.38	34.35 -0.31 -0.39	32.35 -0.29 0.00	32.03 -0.29 0.00	31.81 -0.29 0.00	32.27 -0.29 0.00	32.72 -0.30 0.00	33.90 -0.34 -0.32	37.04 -0.41 -0.06	42.67 -0.56 -0.17	46.51 -0.28 -0.38	48.54 -0.29 -0.67	40.22 -0.32 -0.23	34.89 -0.31 -0.20	30.40 -0.21 0.00	25.29 -0.13 0.00



HAMLTNNY_34_KV_TB 80303	23.73 -0.19 0.00	22.45 -0.11 0.00	21.56 -0.11 0.00	20.66 -0.15 0.00	21.04 -0.13 0.00	24.94 -0.02 0.00	31.66 -0.03 0.00	38.41 -0.12 -0.06	38.87 -0.31 -0.40	34.36 -0.31 -0.40	32.35 -0.29 0.00	32.03 -0.29 0.00	31.81 -0.29 0.00	32.27 -0.29 0.00	32.72 -0.30 0.01	33.90 -0.34 -0.32	37.01 -0.41 -0.02	42.51 -0.56 -0.01	46.58 -0.23 -0.40	48.61 -0.24 -0.69	40.26 -0.28 -0.23	34.92 -0.28 -0.21	30.46 -0.15 0.00	25.37 -0.05 0.00
HAMPSHIRE___PAPER_HYD 323593	23.42 -0.50 0.00	22.13 -0.43 0.00	21.26 -0.41 0.00	20.53 -0.27 0.00	20.92 -0.25 0.00	24.77 -0.20 0.00	31.70 0.00 0.00	38.44 -0.04 -0.02	38.76 -0.15 -0.13	34.19 -0.20 -0.13	32.25 -0.39 0.00	31.80 -0.52 0.00	31.46 -0.64 0.00	31.88 -0.69 0.00	32.09 -0.92 0.00	33.11 -0.91 -0.10	36.45 -0.97 -0.02	42.26 -0.86 -0.06	45.61 -0.93 -0.13	47.56 -0.82 -0.22	39.86 -0.53 -0.08	34.54 -0.52 -0.07	30.10 -0.52 0.00	25.14 -0.28 0.00
HARDSCRABBLE_WT_PWR 323673	23.75 -0.17 0.00	22.43 -0.13 0.00	21.56 -0.11 0.00	20.74 -0.06 0.00	21.09 -0.08 0.00	24.82 -0.15 0.00	31.51 -0.19 0.00	38.23 -0.23 0.00	38.47 -0.31 0.00	34.03 -0.24 0.00	32.38 -0.26 0.00	32.00 -0.32 0.00	31.72 -0.38 0.00	32.11 -0.46 0.00	32.52 -0.49 0.00	33.37 -0.54 0.00	36.73 -0.67 0.00	42.33 -0.73 0.00	45.80 -0.60 0.00	47.63 -0.53 0.00	39.83 -0.48 0.00	34.61 -0.38 0.00	30.25 -0.37 0.00	25.12 -0.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.33 1.41 0.00	23.76 1.20 0.00	22.76 1.08 0.00	21.80 1.00 0.00	22.14 0.97 0.00	25.99 1.02 0.00	33.12 1.43 0.00	40.04 1.58 0.00	40.45 1.67 0.00	35.78 1.51 0.00	34.24 1.60 0.00	33.97 1.65 0.00	33.84 1.73 0.00	34.32 1.76 0.00	34.84 1.82 0.00	35.82 1.90 0.00	39.64 2.24 0.00	45.47 2.41 0.00	49.15 2.74 0.00	51.00 2.84 0.00	42.45 2.14 0.00	36.89 1.89 0.00	32.09 1.47 0.00	26.59 1.17 0.00
HARSNRAD_115KV_TB1 81005	22.44 -1.48 0.00	21.48 -1.08 0.00	20.68 -1.00 0.00	19.49 -1.31 0.00	20.11 -1.06 0.00	24.39 -0.57 0.00	30.62 -1.08 0.00	36.58 -1.88 0.00	35.92 -2.87 0.00	31.73 -2.54 0.00	30.23 -2.42 0.00	29.90 -2.42 0.00	29.73 -2.38 0.00	30.12 -2.44 0.00	30.59 -2.41 0.02	31.11 -2.78 0.02	33.99 -3.29 0.12	38.83 -3.66 0.57	42.98 -3.43 0.00	44.79 -3.37 0.00	37.22 -3.06 0.02	32.24 -2.73 0.02	29.15 -1.47 0.00	25.17 -0.25 0.00
HARZA MOOSE___RIVER 24016	23.97 0.05 0.00	22.61 0.05 0.00	21.69 0.02 0.00	20.91 0.10 0.00	21.32 0.15 0.00	25.24 0.27 0.00	32.27 0.57 0.00	39.21 0.73 -0.02	39.47 0.58 -0.10	34.89 0.51 -0.11	33.00 0.36 0.00	32.61 0.29 0.00	32.33 0.22 0.00	32.76 0.20 0.00	33.15 0.13 0.00	34.17 0.17 -0.09	37.49 0.07 -0.02	43.28 0.17 -0.05	46.93 0.42 -0.11	49.06 0.72 -0.18	40.94 0.56 -0.06	35.47 0.42 -0.06	30.86 0.24 0.00	25.68 0.25 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.63 -0.29 0.00	22.31 -0.25 0.00	21.46 -0.22 0.00	20.55 -0.25 0.00	20.94 -0.23 0.00	24.79 -0.17 0.00	31.41 -0.29 0.00	38.15 -0.35 -0.03	38.48 -0.50 -0.20	33.99 -0.48 -0.21	32.19 -0.46 0.00	31.87 -0.45 0.00	31.69 -0.42 0.00	32.14 -0.42 0.00	32.59 -0.43 0.00	33.61 -0.47 -0.17	36.87 -0.56 -0.03	42.42 -0.73 -0.09	46.10 -0.51 -0.20	48.03 -0.48 -0.35	39.91 -0.52 -0.12	34.65 -0.45 -0.11	30.28 -0.34 0.00	25.19 -0.23 0.00
HELLGATE_13_KV_LD 55870	25.89 1.96 -0.01	24.22 1.65 -0.01	23.18 1.50 -0.01	22.22 1.41 -0.01	22.60 1.42 -0.01	26.52 1.55 -0.01	33.79 2.09 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.46 2.19 0.00	34.99 2.35 0.00	34.78 2.46 0.00	34.64 2.54 0.00	35.17 2.61 0.00	35.63 2.61 0.00	36.60 2.68 0.00	40.32 2.92 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.89 2.58 0.00	37.52 2.52 0.00	32.74 2.11 -0.01	27.13 1.70 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.89 1.96 -0.01	24.22 1.65 -0.01	23.18 1.50 -0.01	22.22 1.41 -0.01	22.60 1.42 -0.01	26.52 1.55 -0.01	33.79 2.09 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.46 2.19 0.00	34.99 2.35 0.00	34.78 2.46 0.00	34.64 2.54 0.00	35.17 2.61 0.00	35.63 2.61 0.00	36.60 2.68 0.00	40.32 2.92 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.89 2.58 0.00	37.52 2.52 0.00	32.74 2.11 -0.01	27.13 1.70 -0.01
HEMPSTEAD____ 23647	31.39 2.03 -5.43	24.32 1.76 0.00	23.28 1.60 0.00	22.30 1.50 0.00	22.71 1.54 0.00	26.64 1.67 0.00	34.19 2.22 -0.28	40.98 2.35 -0.17	41.23 2.44 0.00	36.56 2.30 0.00	36.51 2.61 -1.26	36.69 2.65 -1.72	35.82 2.66 -1.05	35.94 2.70 -0.67	35.97 2.81 -0.15	36.99 2.85 -0.23	40.59 3.18 -0.01	48.43 3.45 -1.92	54.99 3.81 -4.77	52.11 3.95 0.00	43.33 3.02 0.00	39.29 2.80 -1.49	32.82 2.21 0.00	30.54 1.78 -3.34
HEWLETT_69_KV_BK3 55828	31.55 2.20 -5.43	24.39 1.83 0.00	23.38 1.71 0.00	22.36 1.56 0.00	22.74 1.57 0.00	26.79 1.82 0.00	34.40 2.44 -0.27	41.21 2.58 -0.17	41.50 2.72 0.00	36.87 2.60 0.00	36.73 2.84 -1.25	36.91 2.88 -1.71	36.07 2.92 -1.04	36.19 2.96 -0.67	36.20 3.04 -0.14	37.26 3.12 -0.22	40.88 3.48 0.00	48.89 3.92 -1.91	55.54 4.36 -4.76	52.63 4.48 0.00	43.74 3.43 0.00	39.60 3.11 -1.49	33.07 2.45 0.00	30.74 1.98 -3.33
HICKLING___1 23621	23.73 -0.19 0.00	22.56 0.00 0.00	21.67 0.00 0.00	20.59 -0.21 0.00	21.11 -0.06 0.00	25.24 0.27 0.00	31.85 0.16 0.00	37.94 -0.54 -0.01	37.20 -1.67 -0.08	32.88 -1.47 -0.08	31.14 -1.50 0.00	30.77 -1.55 0.00	30.53 -1.57 0.00	30.97 -1.60 0.00	31.23 -1.72 0.07	32.32 -1.59 0.00	35.61 -1.42 0.37	39.46 -1.77 1.83	45.19 -1.30 -0.08	47.00 -1.30 -0.15	38.88 -1.41 0.02	33.64 -1.33 0.03	30.04 -0.58 0.00	25.78 0.36 0.00
HICKLING___2 23622	23.73 -0.19 0.00	22.56 0.00 0.00	21.67 0.00 0.00	20.59 -0.21 0.00	21.11 -0.06 0.00	25.24 0.27 0.00	31.85 0.16 0.00	37.94 -0.54 -0.01	37.20 -1.67 -0.08	32.88 -1.47 -0.08	31.14 -1.50 0.00	30.77 -1.55 0.00	30.53 -1.57 0.00	30.97 -1.60 0.00	31.23 -1.72 0.07	32.32 -1.59 0.00	35.61 -1.42 0.37	39.46 -1.77 1.83	45.19 -1.30 -0.08	47.00 -1.30 -0.15	38.88 -1.41 0.02	33.64 -1.33 0.03	30.04 -0.58 0.00	25.78 0.36 0.00
HIGH FALLS___HY 23754	25.45 1.53 0.00	23.83 1.26 0.00	22.86 1.19 0.00	21.90 1.10 0.00	22.23 1.06 0.00	26.06 1.10 0.00	33.28 1.58 0.00	39.52 1.73 0.67	39.35 1.86 1.29	33.53 1.64 2.39	32.30 1.76 2.11	32.05 1.78 2.05	32.07 1.89 1.93	33.18 1.95 1.34	33.94 2.05 1.13	34.84 2.10 1.18	37.51 2.54 2.44	41.48 2.63 4.21	45.20 2.97 4.18	49.70 3.13 1.59	41.42 2.42 1.31	35.92 2.10 1.18	32.24 1.62 0.00	26.72 1.30 0.00
HIGH_RIVER___SOLAR 323847	25.19 1.27 0.00	23.76 1.20 0.00	22.76 1.08 0.00	21.84 1.04 0.00	22.19 1.02 0.00	26.16 1.20 0.00	33.37 1.68 0.00	41.63 2.08 -1.09	42.68 1.86 -2.04	39.57 1.54 -3.76	37.18 1.21 -3.32	36.58 1.03 -3.23	36.14 1.00 -3.04	35.62 0.94 -2.11	36.05 1.25 -1.78	37.23 1.46 -1.85	43.04 1.80 -3.84	52.15 2.45 -6.63	55.87 2.88 -6.58	53.65 2.99 -2.50	44.67 2.30 -2.07	38.88 2.03 -1.85	32.27 1.65 0.00	26.72 1.30 0.00



HILLBURN___GT 23639	25.38 1.46 0.00	23.78 1.22 0.00	22.78 1.10 0.00	21.82 1.02 0.00	22.19 1.02 0.00	26.01 1.05 0.00	33.12 1.43 0.00	40.12 1.65 0.00	40.53 1.75 0.00	35.84 1.58 0.00	34.34 1.70 0.00	34.03 1.71 0.00	33.90 1.80 0.00	34.35 1.79 0.00	34.90 1.88 0.00	35.85 1.93 0.00	39.68 2.28 0.00	45.51 2.45 0.00	49.15 2.74 0.00	51.00 2.84 0.00	42.40 2.09 0.00	36.88 1.89 0.00	32.09 1.47 0.00	26.59 1.17 0.00
HILLSIDE_115KV_TB1 80332	23.56 -0.36 0.00	22.36 -0.20 0.00	21.48 -0.20 0.00	20.43 -0.37 0.00	20.92 -0.25 0.00	24.97 0.00 0.00	31.54 -0.16 0.00	37.63 -0.85 -0.01	36.90 -1.98 -0.09	32.64 -1.71 -0.09	30.91 -1.73 0.00	30.58 -1.75 0.00	30.30 -1.80 0.00	30.77 -1.79 0.00	31.03 -1.92 0.07	32.16 -1.76 0.00	35.43 -1.61 0.36	39.33 -1.94 1.79	44.83 -1.67 -0.09	46.63 -1.69 -0.16	38.56 -1.73 0.02	33.33 -1.64 0.02	29.76 -0.86 0.00	25.55 0.13 0.00
HISHELDN_WT_PWR 323625	22.82 -1.10 0.00	21.77 -0.79 0.00	21.02 -0.65 0.00	19.84 -0.96 0.00	20.36 -0.80 0.00	24.67 -0.30 0.00	30.77 -0.92 0.00	36.54 -1.92 0.00	35.88 -2.91 0.00	31.77 -2.50 0.00	30.19 -2.45 0.00	29.86 -2.46 0.00	29.63 -2.47 0.00	30.12 -2.44 0.00	30.45 -2.54 0.03	31.17 -2.71 0.03	34.40 -2.84 0.16	38.95 -3.31 0.80	43.63 -2.78 0.00	45.41 -2.74 0.00	37.66 -2.62 0.03	32.62 -2.34 0.03	29.45 -1.16 0.00	25.50 0.08 0.00
HOLTSVILLE_IC_1 23690	31.77 2.41 -5.43	24.64 2.07 0.00	23.60 1.93 0.00	22.59 1.79 0.00	23.01 1.84 0.00	26.99 2.02 0.00	34.66 2.69 -0.28	41.52 2.89 -0.17	41.58 2.79 0.00	36.77 2.50 0.00	36.71 2.81 -1.26	36.88 2.84 -1.72	36.01 2.86 -1.05	36.14 2.90 -0.67	36.17 3.00 -0.15	37.30 3.15 -0.23	41.04 3.63 -0.01	49.02 4.05 -1.91	55.53 4.36 -4.76	52.68 4.53 0.00	43.85 3.55 0.01	39.60 3.11 -1.49	33.10 2.48 0.00	30.87 2.11 -3.34
HOLTSVILLE_IC_10 23699	31.89 2.53 -5.43	24.75 2.19 0.00	23.71 2.04 0.00	22.69 1.89 0.00	23.12 1.95 0.00	27.14 2.17 0.00	34.85 2.88 -0.28	41.75 3.11 -0.17	41.81 3.03 0.00	36.97 2.71 0.00	36.90 3.00 -1.26	37.04 3.01 -1.72	36.21 3.05 -1.05	36.33 3.10 -0.67	36.37 3.20 -0.15	37.50 3.36 -0.23	41.30 3.89 -0.01	49.42 4.44 -1.93	55.92 4.74 -4.78	53.07 4.91 0.00	44.19 3.87 -0.01	39.85 3.36 -1.49	33.28 2.66 0.00	31.00 2.24 -3.34
HOLTSVILLE_IC_2 23691	31.77 2.41 -5.43	24.64 2.07 0.00	23.60 1.93 0.00	22.59 1.79 0.00	23.01 1.84 0.00	26.99 2.02 0.00	34.66 2.69 -0.28	41.52 2.89 -0.17	41.58 2.79 0.00	36.77 2.50 0.00	36.71 2.81 -1.26	36.88 2.84 -1.72	36.01 2.86 -1.05	36.14 2.90 -0.67	36.17 3.00 -0.15	37.30 3.15 -0.23	41.04 3.63 -0.01	49.02 4.05 -1.91	55.53 4.36 -4.76	52.68 4.53 0.00	43.85 3.55 0.01	39.60 3.11 -1.49	33.10 2.48 0.00	30.87 2.11 -3.34
HOLTSVILLE_IC_3 23692	31.77 2.41 -5.43	24.64 2.07 0.00	23.60 1.93 0.00	22.59 1.79 0.00	23.01 1.84 0.00	26.99 2.02 0.00	34.66 2.69 -0.28	41.52 2.89 -0.17	41.58 2.79 0.00	36.77 2.50 0.00	36.71 2.81 -1.26	36.88 2.84 -1.72	36.01 2.86 -1.05	36.14 2.90 -0.67	36.17 3.00 -0.15	37.30 3.15 -0.23	41.04 3.63 -0.01	49.02 4.05 -1.91	55.53 4.36 -4.76	52.68 4.53 0.00	43.85 3.55 0.01	39.60 3.11 -1.49	33.10 2.48 0.00	30.87 2.11 -3.34
HOLTSVILLE_IC_4 23693	31.77 2.41 -5.43	24.64 2.07 0.00	23.60 1.93 0.00	22.59 1.79 0.00	23.01 1.84 0.00	26.99 2.02 0.00	34.66 2.69 -0.28	41.52 2.89 -0.17	41.58 2.79 0.00	36.77 2.50 0.00	36.71 2.81 -1.26	36.88 2.84 -1.72	36.01 2.86 -1.05	36.14 2.90 -0.67	36.17 3.00 -0.15	37.30 3.15 -0.23	41.04 3.63 -0.01	49.02 4.05 -1.91	55.53 4.36 -4.76	52.68 4.53 0.00	43.85 3.55 0.01	39.60 3.11 -1.49	33.10 2.48 0.00	30.87 2.11 -3.34
HOLTSVILLE_IC_5 23694	31.77 2.41 -5.43	24.64 2.07 0.00	23.60 1.93 0.00	22.59 1.79 0.00	23.01 1.84 0.00	26.99 2.02 0.00	34.66 2.69 -0.28	41.52 2.89 -0.17	41.58 2.79 0.00	36.77 2.50 0.00	36.71 2.81 -1.26	36.88 2.84 -1.72	36.01 2.86 -1.05	36.14 2.90 -0.67	36.17 3.00 -0.15	37.30 3.15 -0.23	41.04 3.63 -0.01	49.02 4.05 -1.91	55.53 4.36 -4.76	52.68 4.53 0.00	43.85 3.55 0.01	39.60 3.11 -1.49	33.10 2.48 0.00	30.87 2.11 -3.34
HOLTSVILLE_IC_6 23695	31.89 2.53 -5.43	24.75 2.19 0.00	23.71 2.04 0.00	22.69 1.89 0.00	23.12 1.95 0.00	27.14 2.17 0.00	34.85 2.88 -0.28	41.75 3.11 -0.17	41.81 3.03 0.00	36.97 2.71 0.00	36.90 3.00 -1.26	37.04 3.01 -1.72	36.21 3.05 -1.05	36.33 3.10 -0.67	36.37 3.20 -0.15	37.50 3.36 -0.23	41.30 3.89 -0.01	49.42 4.44 -1.93	55.92 4.74 -4.78	53.07 4.91 0.00	44.19 3.87 -0.01	39.85 3.36 -1.49	33.28 2.66 0.00	31.00 2.24 -3.34
HOLTSVILLE_IC_7 23696	31.89 2.53 -5.43	24.75 2.19 0.00	23.71 2.04 0.00	22.69 1.89 0.00	23.12 1.95 0.00	27.14 2.17 0.00	34.85 2.88 -0.28	41.75 3.11 -0.17	41.81 3.03 0.00	36.97 2.71 0.00	36.90 3.00 -1.26	37.04 3.01 -1.72	36.21 3.05 -1.05	36.33 3.10 -0.67	36.37 3.20 -0.15	37.50 3.36 -0.23	41.30 3.89 -0.01	49.42 4.44 -1.93	55.92 4.74 -4.78	53.07 4.91 0.00	44.19 3.87 -0.01	39.85 3.36 -1.49	33.28 2.66 0.00	31.00 2.24 -3.34
HOLTSVILLE_IC_8 23697	31.89 2.53 -5.43	24.75 2.19 0.00	23.71 2.04 0.00	22.69 1.89 0.00	23.12 1.95 0.00	27.14 2.17 0.00	34.85 2.88 -0.28	41.75 3.11 -0.17	41.81 3.03 0.00	36.97 2.71 0.00	36.90 3.00 -1.26	37.04 3.01 -1.72	36.21 3.05 -1.05	36.33 3.10 -0.67	36.37 3.20 -0.15	37.50 3.36 -0.23	41.30 3.89 -0.01	49.42 4.44 -1.93	55.92 4.74 -4.78	53.07 4.91 0.00	44.19 3.87 -0.01	39.85 3.36 -1.49	33.28 2.66 0.00	31.00 2.24 -3.34
HOLTSVILLE_IC_9 23698	31.89 2.53 -5.43	24.75 2.19 0.00	23.71 2.04 0.00	22.69 1.89 0.00	23.12 1.95 0.00	27.14 2.17 0.00	34.85 2.88 -0.28	41.75 3.11 -0.17	41.81 3.03 0.00	36.97 2.71 0.00	36.90 3.00 -1.26	37.04 3.01 -1.72	36.21 3.05 -1.05	36.33 3.10 -0.67	36.37 3.20 -0.15	37.50 3.36 -0.23	41.30 3.89 -0.01	49.42 4.44 -1.93	55.92 4.74 -4.78	53.07 4.91 0.00	44.19 3.87 -0.01	39.85 3.36 -1.49	33.28 2.66 0.00	31.00 2.24 -3.34
HOMER_HL_115KV_TB2 355744	23.32 -0.60 0.00	22.25 -0.32 0.00	21.39 -0.28 0.00	20.24 -0.56 0.00	20.83 -0.34 0.00	25.07 0.10 0.00	31.76 0.06 0.00	37.85 -0.62 0.00	36.73 -2.06 0.00	32.45 -1.82 0.00	30.88 -1.76 0.00	30.48 -1.84 0.00	30.21 -1.89 0.00	30.71 -1.86 0.00	31.10 -1.88 0.03	32.56 -1.32 0.03	36.61 -0.64 0.16	41.36 -0.86 0.84	44.18 -2.23 0.00	45.94 -2.22 0.00	38.10 -2.18 0.03	32.90 -2.06 0.03	29.55 -1.07 0.00	25.70 0.28 0.00
HOWARD_WT_PWR 323690	23.92 0.00 0.00	22.59 0.02 0.00	21.78 0.11 0.00	20.70 -0.10 0.00	21.30 0.13 0.00	25.54 0.57 0.00	32.68 0.98 0.00	38.94 0.46 -0.01	37.97 -0.89 -0.07	33.66 -0.69 -0.07	31.73 -0.91 0.00	31.25 -1.07 0.00	30.88 -1.22 0.00	31.20 -1.37 0.00	31.52 -1.42 0.08	32.64 -1.25 0.02	36.35 -0.64 0.42	40.28 -0.69 2.09	45.74 -0.74 -0.07	47.08 -1.20 -0.13	38.82 -1.45 0.04	33.34 -1.61 0.04	29.76 -0.86 0.00	25.52 0.10 0.00



HQ_GEN_CEDARS 23644	23.35 -0.57 0.00	22.09 -0.47 0.00	21.24 -0.43 0.00	20.47 -0.33 0.00	20.85 -0.32 0.00	24.62 -0.35 0.00	31.54 -0.16 0.00	38.27 -0.19 0.00	38.71 -0.08 0.00	34.06 -0.21 0.00	32.28 -0.36 0.00	31.84 -0.48 0.00	31.49 -0.61 0.00	32.04 -0.52 0.00	32.26 -0.76 0.00	33.14 -0.78 0.00	36.69 -0.71 0.00	42.59 -0.47 0.00	45.48 -0.93 0.00	47.15 -1.01 0.00	39.75 -0.56 0.00	34.40 -0.59 0.00	30.13 -0.49 0.00	25.09 -0.33 0.00
HQ_GEN_CEDARS_PROXY 323590	23.35 -0.57 0.00	22.09 -0.47 0.00	21.26 -0.41 0.00	20.47 -0.33 0.00	20.85 -0.32 0.00	24.62 -0.35 0.00	31.54 -0.16 0.00	38.27 -0.19 0.00	38.63 -0.15 0.00	34.06 -0.20 0.00	32.28 -0.36 0.00	31.84 -0.48 0.00	31.49 -0.61 0.00	32.01 -0.55 0.00	32.26 -0.76 0.00	33.14 -0.78 0.00	36.69 -0.71 0.00	42.59 -0.47 0.00	45.48 -0.93 0.00	47.14 -1.01 0.00	39.75 -0.56 0.00	34.40 -0.60 0.00	30.13 -0.49 0.00	25.09 -0.33 0.00
HQ_GEN_IMPORT 323601	23.61 -0.31 0.00	22.29 -0.27 0.00	21.41 -0.26 0.00	20.59 -0.21 0.00	20.96 -0.21 0.00	24.72 -0.25 0.00	31.47 -0.22 0.00	38.23 -0.23 0.00	38.63 -0.15 0.00	34.10 -0.17 0.00	32.42 -0.23 0.00	32.10 -0.22 0.00	31.81 -0.29 0.00	32.30 -0.26 0.00	32.72 -0.30 0.00	33.61 -0.31 0.00	37.14 -0.26 0.00	42.85 -0.21 0.00	45.90 -0.51 0.00	47.58 -0.58 0.00	39.99 -0.32 0.00	34.68 -0.32 0.00	30.37 -0.25 0.00	25.22 -0.20 0.00
HQ_GEN_WHEEL 23651	23.61 -0.31 0.00	22.29 -0.27 0.00	21.41 -0.26 0.00	20.59 -0.21 0.00	20.96 -0.21 0.00	24.72 -0.25 0.00	31.47 -0.22 0.00	38.23 -0.23 0.00	38.63 -0.15 0.00	34.10 -0.17 0.00	32.42 -0.23 0.00	32.10 -0.22 0.00	31.81 -0.29 0.00	32.30 -0.26 0.00	32.72 -0.30 0.00	33.61 -0.31 0.00	37.14 -0.26 0.00	42.85 -0.21 0.00	45.90 -0.51 0.00	47.58 -0.58 0.00	39.99 -0.32 0.00	34.68 -0.32 0.00	30.37 -0.25 0.00	25.22 -0.20 0.00
HUDSON AVE_GT_3 23810	25.83 1.91 0.00	24.14 1.58 0.00	23.08 1.41 0.00	22.13 1.33 0.00	22.50 1.33 0.00	26.44 1.47 0.00	33.69 2.00 0.00	40.98 2.35 -0.17	41.23 2.44 0.00	36.49 2.23 0.00	34.99 2.35 0.00	34.74 2.42 0.00	34.61 2.50 0.00	35.14 2.57 0.00	35.63 2.61 0.00	36.56 2.65 0.00	40.36 2.95 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.82 3.66 0.00	43.05 2.74 0.00	37.52 2.52 0.00	32.67 2.05 0.00	27.05 1.63 0.00
HUDSON AVE_GT_4 23540	25.83 1.91 0.00	24.14 1.58 0.00	23.08 1.41 0.00	22.13 1.33 0.00	22.50 1.33 0.00	26.44 1.47 0.00	33.69 2.00 0.00	40.98 2.35 -0.17	41.23 2.44 0.00	36.49 2.23 0.00	34.99 2.35 0.00	34.74 2.42 0.00	34.61 2.50 0.00	35.14 2.57 0.00	35.63 2.61 0.00	36.56 2.65 0.00	40.36 2.95 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.82 3.66 0.00	43.05 2.74 0.00	37.52 2.52 0.00	32.67 2.05 0.00	27.05 1.63 0.00
HUDSON AVE_GT_5 23657	25.83 1.91 0.00	24.14 1.58 0.00	23.08 1.41 0.00	22.13 1.33 0.00	22.50 1.33 0.00	26.44 1.47 0.00	33.69 2.00 0.00	40.98 2.35 -0.17	41.23 2.44 0.00	36.49 2.23 0.00	34.99 2.35 0.00	34.74 2.42 0.00	34.61 2.50 0.00	35.14 2.57 0.00	35.63 2.61 0.00	36.56 2.65 0.00	40.36 2.95 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.82 3.66 0.00	43.05 2.74 0.00	37.52 2.52 0.00	32.67 2.05 0.00	27.05 1.63 0.00
HUDSON_AVE_10 24168	25.81 1.89 0.00	24.10 1.53 0.00	23.04 1.37 0.00	22.11 1.31 0.00	22.46 1.29 0.00	26.39 1.42 0.00	33.63 1.93 0.00	40.90 2.27 -0.17	41.19 2.40 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.71 2.39 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.53 2.61 0.00	40.32 2.92 0.00	46.20 3.14 0.00	49.89 3.48 0.00	51.77 3.61 0.00	42.97 2.66 0.00	37.48 2.48 0.00	32.61 1.99 0.00	27.02 1.60 0.00
HUDSON___115KV_TB 4 355613	24.90 0.98 0.00	23.47 0.90 0.00	22.52 0.85 0.00	21.57 0.77 0.00	21.89 0.72 0.00	25.82 0.85 0.00	32.77 1.08 0.00	35.25 1.50 4.71	31.25 1.44 8.97	18.89 1.20 16.58	19.07 1.08 14.65	19.13 1.03 14.23	19.72 1.03 13.41	24.23 0.98 9.31	26.35 1.16 7.83	27.01 1.25 8.16	21.93 1.46 16.93	15.78 1.94 29.21	19.78 2.37 28.99	39.59 2.46 11.03	33.11 1.89 9.10	28.48 1.64 8.16	31.79 1.19 0.02	26.24 0.81 0.00
HUNTER MOUNT___DRP 323613	24.92 1.00 0.00	23.51 0.95 0.00	22.58 0.91 0.00	21.63 0.83 0.00	21.91 0.74 0.00	25.87 0.90 0.00	32.84 1.14 0.00	36.31 1.62 3.77	33.12 1.51 7.18	22.27 1.27 13.27	22.00 1.08 11.72	21.96 1.03 11.39	22.39 1.03 10.74	26.05 0.94 7.46	27.91 1.16 6.27	28.71 1.32 6.53	25.42 1.57 13.56	21.78 2.11 23.39	25.80 2.60 23.21	42.07 2.74 8.83	35.20 2.18 7.28	30.28 1.82 6.53	31.89 1.29 0.02	26.29 0.86 0.00
HUNTINGTON_RES_REC 323705	31.65 2.30 -5.43	24.52 1.96 0.00	23.49 1.82 0.00	22.51 1.71 0.00	22.91 1.74 0.00	26.89 1.92 0.00	34.47 2.50 -0.28	41.17 2.54 -0.17	41.31 2.52 0.00	36.60 2.33 0.00	36.58 2.68 -1.26	36.75 2.72 -1.72	35.98 2.83 -1.05	36.07 2.83 -0.67	36.11 2.94 -0.15	37.13 2.99 -0.23	40.74 3.33 -0.01	48.73 3.74 -1.92	55.22 4.04 -4.77	52.34 4.19 0.00	43.58 3.26 0.00	39.39 2.90 -1.49	33.10 2.48 0.00	30.77 2.01 -3.34
HUNTLEY___63 23557	22.63 -1.29 0.00	21.68 -0.88 0.00	20.87 -0.80 0.00	19.68 -1.12 0.00	20.32 -0.85 0.00	24.59 -0.37 0.00	30.93 -0.76 0.00	36.96 -1.50 0.00	36.26 -2.52 0.00	32.07 -2.19 0.00	30.59 -2.06 0.00	30.22 -2.10 0.00	30.02 -2.09 0.00	30.48 -2.08 0.00	30.92 -2.08 0.02	31.49 -2.41 0.02	34.40 -2.88 0.12	39.11 -3.36 0.60	43.39 -3.02 0.00	45.22 -2.94 0.00	37.55 -2.74 0.02	32.56 -2.41 0.02	29.42 -1.19 0.00	25.42 0.00 0.00
HUNTLEY___64 23558	22.63 -1.29 0.00	21.68 -0.88 0.00	20.87 -0.80 0.00	19.68 -1.12 0.00	20.32 -0.85 0.00	24.59 -0.37 0.00	30.93 -0.76 0.00	36.96 -1.50 0.00	36.26 -2.52 0.00	32.07 -2.19 0.00	30.59 -2.06 0.00	30.22 -2.10 0.00	30.02 -2.09 0.00	30.48 -2.08 0.00	30.92 -2.08 0.02	31.49 -2.41 0.02	34.40 -2.88 0.12	39.11 -3.36 0.60	43.39 -3.02 0.00	45.22 -2.94 0.00	37.55 -2.74 0.02	32.56 -2.41 0.02	29.42 -1.19 0.00	25.42 0.00 0.00
HUNTLEY___65 23559	22.63 -1.29 0.00	21.68 -0.88 0.00	20.87 -0.80 0.00	19.68 -1.12 0.00	20.32 -0.85 0.00	24.59 -0.37 0.00	30.93 -0.76 0.00	36.96 -1.50 0.00	36.26 -2.52 0.00	32.07 -2.19 0.00	30.59 -2.06 0.00	30.22 -2.10 0.00	30.02 -2.09 0.00	30.48 -2.08 0.00	30.92 -2.08 0.02	31.49 -2.41 0.02	34.40 -2.88 0.12	39.11 -3.36 0.60	43.39 -3.02 0.00	45.22 -2.94 0.00	37.55 -2.74 0.02	32.56 -2.41 0.02	29.42 -1.19 0.00	25.42 0.00 0.00
HUNTLEY___66 23560	22.63 -1.29 0.00	21.68 -0.88 0.00	20.87 -0.80 0.00	19.68 -1.12 0.00	20.32 -0.85 0.00	24.59 -0.37 0.00	30.93 -0.76 0.00	36.96 -1.50 0.00	36.26 -2.52 0.00	32.07 -2.19 0.00	30.59 -2.06 0.00	30.22 -2.10 0.00	30.02 -2.09 0.00	30.48 -2.08 0.00	30.92 -2.08 0.02	31.49 -2.41 0.02	34.40 -2.88 0.12	39.11 -3.36 0.60	43.39 -3.02 0.00	45.22 -2.94 0.00	37.55 -2.74 0.02	32.56 -2.41 0.02	29.42 -1.19 0.00	25.42 0.00 0.00



HUNTLEY___67 23561	22.58 -1.34 0.00	21.61 -0.95 0.00	20.81 -0.87 0.00	19.59 -1.21 0.00	20.22 -0.95 0.00	24.49 -0.47 0.00	30.74 -0.95 0.00	36.69 -1.77 0.00	36.03 -2.75 0.00	31.87 -2.40 0.00	30.36 -2.29 0.00	30.03 -2.29 0.00	29.82 -2.28 0.00	30.25 -2.31 0.00	30.68 -2.31 0.02	31.32 -2.58 0.02	34.29 -2.99 0.12	38.96 -3.49 0.62	43.16 -3.25 0.00	44.98 -3.18 0.00	37.38 -2.90 0.02	32.38 -2.59 0.02	29.24 -1.38 0.00	25.27 -0.15 0.00
HUNTLEY___68 23562	22.58 -1.34 0.00	21.61 -0.95 0.00	20.81 -0.87 0.00	19.59 -1.21 0.00	20.22 -0.95 0.00	24.49 -0.47 0.00	30.74 -0.95 0.00	36.69 -1.77 0.00	36.03 -2.75 0.00	31.87 -2.40 0.00	30.36 -2.29 0.00	30.03 -2.29 0.00	29.82 -2.28 0.00	30.25 -2.31 0.00	30.68 -2.31 0.02	31.32 -2.58 0.02	34.29 -2.99 0.12	38.96 -3.49 0.62	43.16 -3.25 0.00	44.98 -3.18 0.00	37.38 -2.90 0.02	32.38 -2.59 0.02	29.24 -1.38 0.00	25.27 -0.15 0.00
HYLAND___LFGE 323620	23.99 0.07 0.00	22.86 0.29 0.00	22.02 0.35 0.00	20.86 0.06 0.00	21.38 0.21 0.00	25.77 0.80 0.00	32.61 0.92 0.00	39.27 0.81 0.00	38.36 -0.43 0.00	33.55 -0.72 0.00	31.60 -1.05 0.00	31.16 -1.16 0.00	30.63 -1.48 0.00	31.33 -1.24 0.00	31.80 -1.19 0.03	32.63 -1.25 0.03	36.02 -1.20 0.18	41.31 -0.86 0.89	46.87 0.46 0.00	48.97 0.82 0.00	40.52 0.24 0.03	34.93 -0.03 0.03	31.11 0.49 0.00	26.51 1.09 0.00
INDECK___CORINTH 23802	25.55 1.63 0.00	24.14 1.58 0.00	23.08 1.41 0.00	22.13 1.33 0.00	22.46 1.29 0.00	26.51 1.55 0.00	33.82 2.12 0.00	42.85 2.69 -1.70	44.56 2.64 -3.14	42.32 2.26 -5.79	39.79 2.02 -5.12	39.27 1.97 -4.97	38.78 1.99 -4.69	37.71 1.89 -3.26	37.80 2.05 -2.74	38.97 2.20 -2.85	45.64 2.32 -5.92	56.46 3.19 -10.21	60.26 3.71 -10.14	55.91 3.90 -3.85	46.47 2.98 -3.18	40.44 2.59 -2.85	32.71 2.08 -0.01	27.07 1.65 0.00
INDECK___ILION 23567	23.97 0.05 0.00	22.61 0.05 0.00	21.72 0.04 0.00	20.86 0.06 0.00	21.21 0.04 0.00	24.99 0.02 0.00	31.73 0.03 0.00	38.54 0.08 0.00	38.79 0.00 0.00	34.30 0.03 0.00	32.68 0.03 0.00	32.32 0.00 0.00	32.10 0.00 0.00	32.53 -0.03 0.00	32.99 -0.03 0.00	33.85 -0.07 0.00	37.29 -0.11 0.00	42.93 -0.13 0.00	46.41 0.00 0.00	48.20 0.05 0.00	40.31 0.00 0.00	35.00 0.00 0.00	30.59 -0.03 0.00	25.40 -0.03 0.00
INDECK___OLEAN 23982	23.32 -0.60 0.00	22.22 -0.34 0.00	21.43 -0.24 0.00	20.24 -0.56 0.00	20.79 -0.38 0.00	25.07 0.10 0.00	31.76 0.06 0.00	37.65 -0.81 0.00	36.65 -2.13 0.00	32.45 -1.82 0.00	30.82 -1.83 0.00	30.48 -1.84 0.00	30.21 -1.89 0.00	30.74 -1.82 0.00	31.07 -1.92 0.03	32.29 -1.59 0.03	36.57 -0.67 0.16	41.40 -0.82 0.84	44.18 -2.23 0.00	45.89 -2.26 0.00	37.94 -2.34 0.03	32.83 -2.14 0.03	29.55 -1.07 0.00	25.73 0.31 0.00
INDECK___OSWEGO 23783	23.39 -0.53 0.00	22.09 -0.47 0.00	21.24 -0.43 0.00	20.36 -0.44 0.00	20.72 -0.45 0.00	24.52 -0.45 0.00	31.06 -0.63 0.00	37.75 -0.85 -0.14	38.69 -0.97 -0.87	34.26 -0.89 -0.89	31.79 -0.85 0.00	31.48 -0.84 0.00	31.27 -0.83 0.00	31.72 -0.85 0.00	32.16 -0.86 0.00	33.76 -0.88 -0.72	36.48 -1.05 -0.13	42.21 -1.25 -0.40	46.22 -1.07 -0.87	48.62 -1.06 -1.52	39.87 -0.97 -0.53	34.59 -0.87 -0.47	29.91 -0.70 0.00	24.89 -0.54 0.00
INDECK___YERKES 23781	22.65 -1.27 0.00	21.64 -0.93 0.00	20.94 -0.74 0.00	19.70 -1.10 0.00	20.24 -0.93 0.00	24.62 -0.35 0.00	30.97 -0.73 0.00	36.85 -1.61 0.00	36.22 -2.56 0.00	32.11 -2.16 0.00	30.55 -2.09 0.00	30.25 -2.07 0.00	30.05 -2.06 0.00	30.68 -1.89 0.00	30.95 -2.05 0.02	31.45 -2.44 0.02	34.43 -2.84 0.12	39.15 -3.31 0.60	43.44 -2.97 0.00	45.22 -2.94 0.00	37.54 -2.74 0.02	32.52 -2.45 0.02	29.45 -1.16 0.00	25.55 0.13 0.00
INDIAN POINT_GT_1 24139	25.47 1.55 0.00	23.87 1.31 0.00	22.84 1.17 0.00	21.90 1.10 0.00	22.27 1.10 0.00	26.14 1.17 0.00	33.28 1.58 0.00	40.31 1.85 0.00	40.73 1.94 0.00	36.02 1.75 0.00	34.54 1.89 0.00	34.26 1.94 0.00	34.09 1.99 0.00	34.62 2.05 0.00	35.10 2.08 0.00	36.05 2.14 0.00	39.83 2.43 0.00	45.69 2.63 0.00	49.33 2.92 0.00	51.19 3.03 0.00	42.57 2.26 0.00	37.06 2.06 0.00	32.24 1.62 0.00	26.72 1.30 0.00
INDIAN POINT_GT_2 23659	25.47 1.55 0.00	23.87 1.31 0.00	22.84 1.17 0.00	21.90 1.10 0.00	22.27 1.10 0.00	26.14 1.17 0.00	33.28 1.58 0.00	40.31 1.85 0.00	40.73 1.94 0.00	36.02 1.75 0.00	34.54 1.89 0.00	34.26 1.94 0.00	34.09 1.99 0.00	34.62 2.05 0.00	35.10 2.08 0.00	36.05 2.14 0.00	39.83 2.43 0.00	45.69 2.63 0.00	49.33 2.92 0.00	51.19 3.03 0.00	42.57 2.26 0.00	37.06 2.06 0.00	32.24 1.62 0.00	26.72 1.30 0.00
INDIAN POINT_GT_3 24019	25.47 1.55 0.00	23.87 1.31 0.00	22.84 1.17 0.00	21.90 1.10 0.00	22.27 1.10 0.00	26.14 1.17 0.00	33.28 1.58 0.00	40.31 1.85 0.00	40.73 1.94 0.00	36.02 1.75 0.00	34.54 1.89 0.00	34.26 1.94 0.00	34.09 1.99 0.00	34.62 2.05 0.00	35.10 2.08 0.00	36.05 2.14 0.00	39.83 2.43 0.00	45.69 2.63 0.00	49.33 2.92 0.00	51.19 3.03 0.00	42.57 2.26 0.00	37.06 2.06 0.00	32.24 1.62 0.00	26.72 1.30 0.00
INDIAN POINT___2 23530	25.43 1.51 0.00	23.83 1.26 0.00	22.82 1.15 0.00	21.86 1.06 0.00	22.25 1.08 0.00	26.09 1.12 0.00	33.22 1.52 0.00	40.23 1.77 0.00	40.65 1.86 0.00	35.95 1.68 0.00	34.44 1.79 0.00	34.16 1.84 0.00	34.00 1.89 0.00	34.49 1.92 0.00	35.00 1.98 0.00	35.95 2.03 0.00	39.72 2.32 0.00	45.56 2.50 0.00	49.24 2.83 0.00	51.09 2.94 0.00	42.49 2.18 0.00	36.95 1.96 0.00	32.18 1.56 0.00	26.64 1.22 0.00
INDIAN POINT___3 23531	25.55 1.63 0.00	23.94 1.38 0.00	22.91 1.24 0.00	21.97 1.16 0.00	22.33 1.16 0.00	26.21 1.25 0.00	33.37 1.68 0.00	40.60 1.96 -0.17	41.16 2.06 -0.32	36.74 1.88 -0.59	35.19 2.02 -0.52	34.90 2.07 -0.51	34.70 2.12 -0.48	35.05 2.15 -0.33	35.51 2.21 -0.28	36.48 2.27 -0.29	40.55 2.54 -0.60	46.86 2.76 -1.04	50.51 3.06 -1.04	51.73 3.18 -0.39	43.01 2.38 -0.32	37.46 2.17 -0.29	32.36 1.75 0.00	26.77 1.35 0.00
INGHAM_C_115KV_TB7 356103	23.73 -0.19 0.00	22.40 -0.16 0.00	21.54 -0.13 0.00	20.70 -0.10 0.00	21.04 -0.13 0.00	24.77 -0.20 0.00	31.47 -0.22 0.00	38.19 -0.27 0.00	38.44 -0.35 0.00	33.99 -0.27 0.00	32.35 -0.29 0.00	32.00 -0.32 0.00	31.72 -0.39 0.00	32.11 -0.46 0.00	32.52 -0.50 0.00	33.37 -0.54 0.00	36.73 -0.67 0.00	42.33 -0.73 0.00	45.81 -0.60 0.00	47.63 -0.53 0.00	39.83 -0.48 0.00	34.58 -0.42 0.00	30.25 -0.37 0.00	25.12 -0.31 0.00
IP CORINTH___1 23988	25.55 1.63 0.00	24.14 1.58 0.00	23.08 1.41 0.00	22.13 1.33 0.00	22.46 1.29 0.00	26.54 1.57 0.00	33.82 2.12 0.00	42.85 2.69 -1.70	44.52 2.60 -3.14	42.32 2.26 -5.79	39.79 2.02 -5.12	39.27 1.97 -4.97	38.78 1.99 -4.69	37.71 1.89 -3.26	37.80 2.05 -2.74	38.94 2.17 -2.85	45.64 2.32 -5.92	56.46 3.19 -10.21	60.26 3.71 -10.14	55.86 3.85 -3.85	46.47 2.98 -3.18	40.47 2.62 -2.85	32.71 2.08 -0.01	27.07 1.65 0.00



IP__TICONDEROGA 23804	26.43 2.51 0.00	25.02 2.46 0.00	23.84 2.17 0.00	22.84 2.04 0.00	23.16 1.99 0.00	27.49 2.52 0.00	35.15 3.45 0.00	44.57 4.31 -1.80	46.26 4.15 -3.32	43.97 3.56 -6.13	41.20 3.13 -5.42	40.66 3.07 -5.27	40.11 3.05 -4.96	38.94 2.93 -3.45	39.09 3.17 -2.90	40.30 3.36 -3.02	47.15 3.48 -6.27	58.82 4.95 -10.81	62.94 5.80 -10.73	58.30 6.07 -4.08	48.35 4.68 -3.37	42.15 4.13 -3.02	33.87 3.25 -0.01	28.12 2.69 0.00
ISLIP_RES_REC 323679	31.99 2.63 -5.43	24.84 2.28 0.00	23.80 2.13 0.00	22.78 1.98 0.00	23.20 2.03 0.00	27.24 2.27 0.00	35.01 3.04 -0.28	41.98 3.34 -0.17	42.00 3.22 0.00	37.15 2.88 0.00	37.10 3.20 -1.26	37.24 3.20 -1.72	36.36 3.21 -1.05	36.49 3.26 -0.67	36.54 3.37 -0.15	37.70 3.56 -0.23	41.52 4.11 -0.01	49.68 4.69 -1.93	56.20 5.01 -4.78	53.36 5.20 0.00	44.38 4.07 -0.01	40.02 3.53 -1.49	33.40 2.79 0.00	31.10 2.34 -3.34
JAMAICA__27_KV_LOAD 355505	26.00 2.08 0.00	24.28 1.71 0.00	23.17 1.50 0.00	22.24 1.44 0.00	22.61 1.44 0.00	26.56 1.60 0.00	33.82 2.12 0.00	41.21 2.58 -0.17	41.46 2.68 0.00	36.63 2.36 0.00	35.16 2.51 0.00	34.91 2.59 0.00	34.73 2.63 0.00	35.30 2.74 0.00	35.79 2.77 0.00	36.77 2.85 0.00	40.58 3.18 0.00	46.55 3.49 0.00	50.31 3.90 0.00	52.20 4.05 0.00	43.33 3.02 0.00	37.73 2.73 0.00	32.79 2.17 0.00	27.23 1.80 0.00
JANIS__SOLAR 323808	24.59 0.67 0.00	23.26 0.70 0.00	22.34 0.67 0.00	21.42 0.62 0.00	21.85 0.68 0.00	25.99 1.02 0.00	33.28 1.58 0.00	40.37 1.88 -0.02	40.41 1.47 -0.15	35.62 1.20 -0.15	33.59 0.95 0.00	33.16 0.84 0.00	32.94 0.83 0.00	33.44 0.88 0.00	33.96 0.86 -0.09	35.11 0.98 -0.21	39.12 1.23 -0.49	46.90 1.51 -2.33	48.74 2.18 -0.15	50.78 2.36 -0.26	42.30 1.82 -0.18	36.60 1.44 -0.17	31.81 1.19 0.00	26.54 1.12 0.00
JARVIS____ 23743	24.04 0.12 0.00	22.68 0.11 0.00	21.76 0.09 0.00	20.91 0.10 0.00	21.25 0.09 0.00	25.07 0.10 0.00	31.79 0.10 0.00	38.58 0.12 0.00	38.90 0.12 0.00	34.37 0.10 0.00	32.77 0.13 0.00	32.45 0.13 0.00	32.23 0.13 0.00	32.70 0.13 0.00	33.15 0.13 0.00	34.05 0.14 0.00	37.51 0.11 0.00	43.19 0.13 0.00	46.60 0.19 0.00	48.40 0.24 0.00	40.47 0.16 0.00	35.14 0.14 0.00	30.74 0.12 0.00	25.50 0.08 0.00
JENNISON__1 23625	24.81 0.89 0.00	23.47 0.90 0.00	22.47 0.80 0.00	21.57 0.77 0.00	22.00 0.83 0.00	26.11 1.15 0.00	33.37 1.68 0.00	40.64 2.15 -0.02	40.80 1.90 -0.12	36.10 1.71 -0.12	34.11 1.47 0.00	33.71 1.39 0.00	33.48 1.38 0.00	34.00 1.43 0.00	34.47 1.42 -0.03	35.61 1.56 -0.13	39.31 1.72 -0.19	45.97 2.02 -0.88	49.08 2.55 -0.12	51.11 2.74 -0.21	42.59 2.18 -0.10	36.84 1.75 -0.10	32.00 1.38 0.00	26.69 1.27 0.00
JENNISON__2 23626	24.81 0.89 0.00	23.47 0.90 0.00	22.47 0.80 0.00	21.57 0.77 0.00	22.00 0.83 0.00	26.11 1.15 0.00	33.37 1.68 0.00	40.64 2.15 -0.02	40.80 1.90 -0.12	36.10 1.71 -0.12	34.11 1.47 0.00	33.71 1.39 0.00	33.48 1.38 0.00	34.00 1.43 0.00	34.47 1.42 -0.03	35.61 1.56 -0.13	39.31 1.72 -0.19	45.97 2.02 -0.88	49.08 2.55 -0.12	51.11 2.74 -0.21	42.59 2.18 -0.10	36.84 1.75 -0.10	32.00 1.38 0.00	26.69 1.27 0.00
JERICHO_RISE_WT_PWR 323719	22.75 -1.17 0.00	21.55 -1.01 0.00	20.83 -0.85 0.00	20.16 -0.64 0.00	20.62 -0.55 0.00	24.47 -0.50 0.00	31.70 0.00 0.00	38.62 0.15 0.00	38.94 0.16 0.00	34.13 -0.14 0.00	32.15 -0.49 0.00	31.71 -0.62 0.00	31.24 -0.87 0.00	31.75 -0.81 0.00	31.96 -1.06 0.00	32.83 -1.09 0.00	36.58 -0.82 0.00	42.71 -0.35 0.00	45.67 -0.74 0.00	47.24 -0.92 0.00	39.91 -0.40 0.00	34.40 -0.60 0.00	30.07 -0.55 0.00	25.04 -0.38 0.00
KATONAH__115KV_46KV_TB4 355592	25.67 1.75 0.00	24.07 1.51 0.00	22.99 1.32 0.00	22.07 1.27 0.00	22.44 1.27 0.00	26.34 1.37 0.00	33.57 1.87 0.00	40.86 2.23 -0.17	41.11 2.33 0.00	36.36 2.09 0.00	34.86 2.22 0.00	34.58 2.26 0.00	34.38 2.28 0.00	34.94 2.38 0.00	35.43 2.41 0.00	36.36 2.44 0.00	40.21 2.81 0.00	46.07 3.01 0.00	49.75 3.34 0.00	51.58 3.42 0.00	42.85 2.54 0.00	37.38 2.38 0.00	32.52 1.90 0.00	26.92 1.50 0.00
KCE_NY_1 323755	25.38 1.46 0.00	23.96 1.40 0.00	22.93 1.26 0.00	21.99 1.19 0.00	22.33 1.16 0.00	26.31 1.35 0.00	33.47 1.77 0.00	42.61 2.27 -1.88	44.46 2.21 -3.47	42.59 1.92 -6.40	40.03 1.73 -5.66	39.53 1.71 -5.50	38.98 1.70 -5.18	37.82 1.66 -3.60	37.83 1.78 -3.02	38.97 1.90 -3.15	45.96 2.02 -6.54	57.02 2.67 -11.29	60.72 3.11 -11.20	55.64 3.23 -4.26	46.32 2.50 -3.51	40.36 2.21 -3.15	32.40 1.78 -0.01	26.82 1.40 0.00
KCE_NY_6_ESR 323823	22.87 -1.05 0.00	21.84 -0.72 0.00	21.11 -0.56 0.00	19.89 -0.91 0.00	20.43 -0.74 0.00	24.82 -0.15 0.00	31.22 -0.47 0.00	37.08 -1.38 0.00	36.42 -2.37 0.00	32.28 -1.99 0.00	30.69 -1.96 0.00	30.38 -1.94 0.00	30.18 -1.93 0.00	30.77 -1.79 0.00	31.05 -1.95 0.03	31.76 -2.14 0.03	35.07 -2.21 0.12	39.78 -2.63 0.65	43.81 -2.60 0.00	45.60 -2.55 0.00	37.82 -2.46 0.03	32.77 -2.20 0.03	29.61 -1.01 0.00	25.73 0.31 0.00
KEDC_PORT_JEFF_GT2 24210	31.87 2.51 -5.43	24.73 2.17 0.00	23.69 2.02 0.00	22.67 1.87 0.00	23.10 1.93 0.00	27.09 2.12 0.00	34.79 2.82 -0.28	41.67 3.04 -0.17	41.73 2.95 0.00	36.91 2.64 0.00	36.84 2.94 -1.26	37.01 2.97 -1.72	36.14 2.99 -1.05	36.27 3.03 -0.67	36.31 3.14 -0.15	37.43 3.29 -0.23	41.23 3.82 -0.01	49.29 4.31 -1.93	55.55 4.36 -4.78	52.68 4.53 0.00	44.06 3.75 -0.01	39.78 3.29 -1.49	33.22 2.60 0.00	30.97 2.21 -3.34
KEDC_PORT_JEFF_GT3 24211	31.87 2.51 -5.43	24.73 2.17 0.00	23.69 2.02 0.00	22.67 1.87 0.00	23.10 1.93 0.00	27.09 2.12 0.00	34.79 2.82 -0.28	41.67 3.04 -0.17	41.73 2.95 0.00	36.91 2.64 0.00	36.84 2.94 -1.26	37.01 2.97 -1.72	36.14 2.99 -1.05	36.27 3.03 -0.67	36.31 3.14 -0.15	37.43 3.29 -0.23	41.23 3.82 -0.01	49.29 4.31 -1.93	55.55 4.36 -4.78	52.68 4.53 0.00	44.06 3.75 -0.01	39.78 3.29 -1.49	33.22 2.60 0.00	30.97 2.21 -3.34
KEDC_GLWD_GT4 24219	31.51 2.15 -5.43	24.41 1.85 0.00	23.38 1.71 0.00	22.40 1.60 0.00	22.80 1.63 0.00	26.76 1.80 0.00	34.35 2.38 -0.28	40.98 2.35 -0.17	41.19 2.41 0.00	36.77 2.50 0.00	36.68 2.77 -1.26	36.88 2.84 -1.72	36.01 2.86 -1.05	36.14 2.90 -0.67	36.14 2.97 -0.15	37.20 3.05 -0.23	40.66 3.25 -0.01	48.38 3.40 -1.92	54.99 3.81 -4.77	52.11 3.95 0.00	43.29 2.98 0.00	39.46 2.97 -1.49	33.01 2.39 0.00	30.67 1.91 -3.34
KEDC_GLWD_GT5 24220	31.51 2.15 -5.43	24.41 1.85 0.00	23.38 1.71 0.00	22.40 1.60 0.00	22.80 1.63 0.00	26.76 1.80 0.00	34.35 2.38 -0.28	40.98 2.35 -0.17	41.19 2.41 0.00	36.77 2.50 0.00	36.68 2.77 -1.26	36.88 2.84 -1.72	36.01 2.86 -1.05	36.14 2.90 -0.67	36.14 2.97 -0.15	37.20 3.05 -0.23	40.66 3.25 -0.01	48.38 3.40 -1.92	54.99 3.81 -4.77	52.11 3.95 0.00	43.29 2.98 0.00	39.46 2.97 -1.49	33.01 2.39 0.00	30.67 1.91 -3.34



KENSICO____ 23655	25.62 1.70 0.00	23.98 1.42 0.00	22.95 1.28 0.00	22.01 1.21 0.00	22.38 1.21 0.00	26.26 1.30 0.00	33.44 1.74 0.00	40.67 2.04 -0.17	40.92 2.13 0.00	36.19 1.92 0.00	34.70 2.06 0.00	34.45 2.13 0.00	34.29 2.18 0.00	34.78 2.21 0.00	35.30 2.28 0.00	36.22 2.31 0.00	40.02 2.62 0.00	45.90 2.84 0.00	49.57 3.16 0.00	51.38 3.23 0.00	42.73 2.42 0.00	37.24 2.24 0.00	32.39 1.78 0.00	26.82 1.40 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.43 1.51 0.00	23.83 1.26 0.00	22.86 1.19 0.00	21.90 1.10 0.00	22.23 1.06 0.00	26.09 1.12 0.00	33.28 1.58 0.00	39.85 1.77 0.39	39.86 1.82 0.75	34.53 1.64 1.39	33.12 1.70 1.22	32.88 1.75 1.19	32.81 1.83 1.12	33.68 1.89 0.78	34.35 1.98 0.65	35.30 2.07 0.68	38.45 2.47 1.42	43.24 2.63 2.44	47.00 3.02 2.42	50.36 3.13 0.92	41.97 2.42 0.76	36.41 2.10 0.68	32.24 1.62 0.00	26.69 1.27 0.00
KIAC_JFK_GT1 23816	25.88 1.96 0.00	24.14 1.58 0.00	23.06 1.39 0.00	22.13 1.33 0.00	22.50 1.33 0.00	26.44 1.47 0.00	33.50 1.81 0.00	40.82 2.19 -0.17	41.11 2.33 0.00	36.32 2.06 0.00	34.86 2.22 0.00	34.62 2.29 0.00	34.45 2.34 0.00	34.97 2.41 0.00	35.50 2.48 0.00	36.46 2.54 0.00	40.24 2.84 0.00	46.12 3.06 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.93 2.62 0.00	37.41 2.41 0.00	32.49 1.87 0.00	27.10 1.68 0.00
KIAC_JFK_GT2 23817	25.88 1.96 0.00	24.14 1.58 0.00	23.06 1.39 0.00	22.13 1.33 0.00	22.50 1.33 0.00	26.44 1.47 0.00	33.50 1.81 0.00	40.82 2.19 -0.17	41.11 2.33 0.00	36.32 2.06 0.00	34.86 2.22 0.00	34.62 2.29 0.00	34.45 2.34 0.00	34.97 2.41 0.00	35.50 2.48 0.00	36.46 2.54 0.00	40.24 2.84 0.00	46.12 3.06 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.93 2.62 0.00	37.41 2.41 0.00	32.49 1.87 0.00	27.10 1.68 0.00
KIAC_JFK____ 323774	25.88 1.96 0.00	24.16 1.60 0.00	23.08 1.41 0.00	22.11 1.31 0.00	22.53 1.36 0.00	26.44 1.47 0.00	33.50 1.81 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.32 2.06 0.00	34.86 2.22 0.00	34.62 2.30 0.00	34.44 2.34 0.00	34.97 2.41 0.00	35.50 2.48 0.00	36.43 2.51 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.77 3.61 0.00	42.93 2.62 0.00	37.41 2.41 0.00	32.49 1.87 0.00	27.07 1.65 0.00
KINTIGH____ 23543	22.68 -1.24 0.00	21.66 -0.90 0.00	20.83 -0.85 0.00	19.68 -1.12 0.00	20.24 -0.93 0.00	24.47 -0.50 0.00	30.74 -0.95 0.00	36.85 -1.62 0.00	36.38 -2.40 0.00	32.18 -2.09 0.00	30.65 -1.99 0.00	30.35 -1.97 0.00	30.14 -1.96 0.00	30.55 -2.02 0.00	30.99 -2.01 0.02	31.42 -2.48 0.02	34.20 -3.10 0.10	39.00 -3.57 0.49	43.58 -2.83 0.00	45.36 -2.79 0.00	37.75 -2.54 0.02	32.74 -2.24 0.02	29.39 -1.22 0.00	25.14 -0.28 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.87 -1.05 0.00	21.71 -0.86 0.00	20.96 -0.72 0.00	20.36 -0.44 0.00	20.85 -0.32 0.00	24.84 -0.12 0.00	32.42 0.73 0.00	39.58 1.12 0.00	39.91 1.12 0.00	34.82 0.55 0.00	32.68 0.03 0.00	32.22 -0.10 0.00	31.69 -0.42 0.00	32.30 -0.26 0.00	32.42 -0.59 0.00	33.31 -0.61 0.00	37.29 -0.11 0.00	43.75 0.69 0.00	46.73 0.32 0.00	48.20 0.05 0.00	40.75 0.44 0.00	34.96 -0.03 0.00	30.50 -0.12 0.00	25.42 0.00 0.00
LACHUTE__HYDRO 323717	26.43 2.51 0.00	25.02 2.46 0.00	23.86 2.19 0.00	22.84 2.04 0.00	23.16 1.99 0.00	27.44 2.47 0.00	35.15 3.46 0.00	44.57 4.31 -1.80	46.30 4.19 -3.32	43.97 3.56 -6.13	41.20 3.13 -5.42	40.66 3.07 -5.27	40.12 3.05 -4.96	38.91 2.90 -3.45	39.09 3.17 -2.90	40.33 3.39 -3.02	47.15 3.48 -6.27	58.82 4.95 -10.81	62.94 5.80 -10.73	58.30 6.07 -4.08	48.35 4.67 -3.37	42.04 4.02 -3.02	33.87 3.24 -0.01	28.09 2.67 0.00
LAWRNCALV_115KV_TB1 80681	23.25 -0.67 0.00	22.00 -0.56 0.00	21.13 -0.54 0.00	20.41 -0.40 0.00	20.77 -0.40 0.00	24.57 -0.40 0.00	31.44 -0.25 0.00	38.09 -0.38 -0.01	38.53 -0.31 -0.06	33.92 -0.41 -0.06	32.02 -0.62 0.00	31.54 -0.78 0.00	31.17 -0.93 0.00	31.65 -0.91 0.00	31.80 -1.22 0.00	32.68 -1.29 -0.05	36.18 -1.23 -0.01	42.05 -1.03 -0.03	44.98 -1.49 -0.06	46.67 -1.59 -0.10	39.30 -1.05 -0.04	34.08 -0.94 -0.03	29.82 -0.80 0.00	24.94 -0.48 0.00
LEDERLE____ 23769	25.43 1.51 0.00	23.83 1.26 0.00	22.82 1.15 0.00	21.86 1.06 0.00	22.21 1.04 0.00	26.06 1.10 0.00	33.22 1.52 0.00	40.19 1.73 0.00	40.61 1.82 0.00	35.91 1.64 0.00	34.41 1.76 0.00	34.13 1.81 0.00	33.96 1.86 0.00	34.45 1.89 0.00	34.97 1.95 0.00	35.92 2.00 0.00	39.76 2.36 0.00	45.60 2.54 0.00	49.29 2.88 0.00	51.14 2.99 0.00	42.53 2.22 0.00	36.99 1.99 0.00	32.18 1.56 0.00	26.67 1.25 0.00
LIGHTHSE_115KV_TB6 355974	23.59 -0.33 0.00	22.27 -0.29 0.00	21.39 -0.28 0.00	20.53 -0.27 0.00	20.92 -0.25 0.00	24.79 -0.17 0.00	31.54 -0.16 0.00	38.34 -0.19 -0.07	38.79 -0.47 -0.47	34.30 -0.45 -0.48	32.15 -0.49 0.00	31.80 -0.52 0.00	31.56 -0.55 0.00	31.98 -0.59 0.00	32.39 -0.63 0.00	33.70 -0.61 -0.39	36.72 -0.75 -0.07	42.41 -0.86 -0.21	46.33 -0.56 -0.47	48.50 -0.48 -0.82	40.11 -0.48 -0.29	34.76 -0.49 -0.25	30.22 -0.40 0.00	25.19 -0.23 0.00
LINDEN COGEN____ 23786	25.69 1.77 0.00	24.01 1.45 0.00	22.97 1.30 0.00	22.01 1.21 0.00	22.40 1.23 0.00	26.29 1.32 0.00	33.50 1.81 0.00	40.75 2.11 -0.17	41.03 2.25 0.00	35.44 1.95 0.78	34.80 2.15 0.00	34.55 2.23 0.00	34.38 2.28 0.00	34.88 2.31 0.00	35.40 2.38 0.00	36.29 2.37 0.00	40.06 2.66 0.00	45.95 2.89 0.00	49.61 3.20 0.00	51.48 3.32 0.00	42.73 2.42 0.00	37.27 2.27 0.00	32.45 1.84 0.00	26.84 1.42 0.00
LINDHRST_69_KV_BK1 356055	31.74 2.39 -5.43	24.55 1.99 0.00	23.54 1.86 0.00	22.44 1.64 0.00	22.84 1.67 0.00	26.94 1.97 0.00	34.62 2.66 -0.27	41.21 2.58 -0.17	41.58 2.79 0.00	36.97 2.71 0.00	36.83 2.94 -1.25	37.04 3.01 -1.71	36.20 3.05 -1.04	36.32 3.09 -0.67	36.33 3.17 -0.14	37.43 3.29 -0.22	41.10 3.70 0.00	49.15 4.18 -1.91	55.77 4.59 -4.77	52.83 4.67 0.00	43.94 3.63 0.00	39.77 3.29 -1.49	33.28 2.66 0.00	30.94 2.19 -3.33
LIPA_MISC_IPP 23656	31.86 2.51 -5.43	24.53 1.96 0.00	23.56 1.89 0.00	22.47 1.66 0.00	22.84 1.67 0.00	26.99 2.02 0.00	34.69 2.73 -0.27	41.17 2.54 -0.17	41.54 2.75 0.00	36.87 2.60 0.00	36.73 2.84 -1.25	36.87 2.84 -1.71	35.97 2.83 -1.04	36.13 2.90 -0.67	36.20 3.04 -0.14	37.43 3.29 -0.22	41.25 3.85 0.00	49.46 4.48 -1.92	56.05 4.87 -4.77	53.07 4.91 0.00	44.06 3.75 -0.01	39.81 3.32 -1.49	33.13 2.51 0.00	30.94 2.19 -3.33
LISF__SOLAR 323691	31.99 2.63 -5.43	24.77 2.21 0.00	23.73 2.06 0.00	22.69 1.89 0.00	23.12 1.95 0.00	27.14 2.17 0.00	34.85 2.88 -0.28	41.75 3.11 -0.17	41.77 2.99 0.00	36.91 2.64 0.00	36.81 2.90 -1.26	36.91 2.88 -1.72	36.01 2.86 -1.05	36.14 2.90 -0.67	36.24 3.07 -0.15	37.47 3.33 -0.23	41.37 3.96 -0.01	49.55 4.56 -1.93	56.16 4.97 -4.78	53.26 5.10 0.00	44.22 3.91 -0.01	39.85 3.36 -1.49	33.16 2.54 0.00	30.95 2.19 -3.34



LITTLE FALLS___HYD 24013	23.73 -0.19 0.00	22.40 -0.16 0.00	21.54 -0.13 0.00	20.70 -0.10 0.00	21.04 -0.13 0.00	24.77 -0.20 0.00	31.47 -0.22 0.00	38.19 -0.27 0.00	38.44 -0.35 0.00	33.99 -0.27 0.00	32.35 -0.29 0.00	32.00 -0.32 0.00	31.72 -0.39 0.00	32.11 -0.46 0.00	32.52 -0.50 0.00	33.37 -0.54 0.00	36.73 -0.67 0.00	42.33 -0.73 0.00	45.81 -0.60 0.00	47.63 -0.53 0.00	39.83 -0.48 0.00	34.58 -0.42 0.00	30.25 -0.37 0.00	25.12 -0.31 0.00
LITTLRIV_115KV_TB1 356100	23.37 -0.55 0.00	22.11 -0.45 0.00	21.26 -0.41 0.00	20.53 -0.27 0.00	20.89 -0.28 0.00	24.74 -0.22 0.00	31.73 0.03 0.00	38.51 0.04 -0.01	38.93 0.08 -0.06	34.23 -0.10 -0.06	32.28 -0.36 0.00	31.80 -0.52 0.00	31.40 -0.71 0.00	31.88 -0.68 0.00	32.00 -1.02 0.00	32.92 -1.05 -0.05	36.44 -0.97 -0.01	42.40 -0.69 -0.03	45.40 -1.07 -0.06	47.16 -1.11 -0.11	39.70 -0.64 -0.04	34.36 -0.66 -0.03	30.04 -0.58 0.00	25.12 -0.31 0.00
LI_NEWBRDGE___DRP 323616	31.33 1.99 -5.43	24.19 1.62 0.00	23.19 1.52 0.00	22.17 1.37 0.00	22.55 1.38 0.00	26.54 1.57 0.00	34.09 2.12 -0.27	40.67 2.04 -0.17	41.04 2.25 0.00	36.49 2.23 0.00	36.34 2.45 -1.25	36.55 2.52 -1.71	35.71 2.57 -1.04	35.87 2.64 -0.67	35.83 2.67 -0.14	36.88 2.75 -0.22	40.43 3.03 0.00	48.33 3.36 -1.91	54.89 3.71 -4.76	51.91 3.76 0.00	43.17 2.86 0.00	39.14 2.66 -1.49	32.76 2.14 0.00	30.48 1.73 -3.33
LOCKPORT_115KV_TB60_63_64 80432	22.44 -1.48 0.00	21.48 -1.08 0.00	20.68 -1.00 0.00	19.47 -1.33 0.00	20.09 -1.08 0.00	24.37 -0.60 0.00	30.62 -1.08 0.00	36.62 -1.85 0.00	35.92 -2.87 0.00	31.77 -2.50 0.00	30.26 -2.38 0.00	29.90 -2.42 0.00	29.73 -2.38 0.00	30.16 -2.41 0.00	30.59 -2.41 0.02	31.15 -2.75 0.02	33.99 -3.29 0.12	38.92 -3.57 0.56	43.02 -3.39 0.00	44.83 -3.32 0.00	37.22 -3.06 0.02	32.28 -2.69 0.02	29.15 -1.47 0.00	25.14 -0.28 0.00
LOCKPORT___CC1 323769	22.44 -1.48 0.00	21.44 -1.13 0.00	20.72 -0.95 0.00	19.49 -1.31 0.00	20.03 -1.14 0.00	24.39 -0.57 0.00	30.62 -1.08 0.00	36.39 -2.08 0.00	35.80 -2.99 0.00	31.73 -2.54 0.00	30.19 -2.45 0.00	29.90 -2.42 0.00	29.73 -2.38 0.00	30.28 -2.28 0.00	30.59 -2.41 0.02	31.08 -2.81 0.02	33.95 -3.33 0.12	38.83 -3.66 0.57	42.98 -3.43 0.00	44.74 -3.42 0.00	37.18 -3.10 0.02	32.21 -2.77 0.02	29.15 -1.47 0.00	25.30 -0.13 0.00
LOCKPORT___CC2 323770	22.44 -1.48 0.00	21.44 -1.13 0.00	20.72 -0.95 0.00	19.49 -1.31 0.00	20.03 -1.14 0.00	24.39 -0.57 0.00	30.62 -1.08 0.00	36.39 -2.08 0.00	35.80 -2.99 0.00	31.73 -2.54 0.00	30.19 -2.45 0.00	29.90 -2.42 0.00	29.73 -2.38 0.00	30.28 -2.28 0.00	30.59 -2.41 0.02	31.08 -2.81 0.02	33.95 -3.33 0.12	38.83 -3.66 0.57	42.98 -3.43 0.00	44.74 -3.42 0.00	37.18 -3.10 0.02	32.21 -2.77 0.02	29.15 -1.47 0.00	25.30 -0.13 0.00
LOCKPORT___CC3 323771	22.44 -1.48 0.00	21.44 -1.13 0.00	20.72 -0.95 0.00	19.49 -1.31 0.00	20.03 -1.14 0.00	24.39 -0.57 0.00	30.62 -1.08 0.00	36.39 -2.08 0.00	35.80 -2.99 0.00	31.73 -2.54 0.00	30.19 -2.45 0.00	29.90 -2.42 0.00	29.73 -2.38 0.00	30.28 -2.28 0.00	30.59 -2.41 0.02	31.08 -2.81 0.02	33.95 -3.33 0.12	38.83 -3.66 0.57	42.98 -3.43 0.00	44.74 -3.42 0.00	37.18 -3.10 0.02	32.21 -2.77 0.02	29.15 -1.47 0.00	25.30 -0.13 0.00
LONG_LAKE_PHOENIX 24014	23.54 -0.38 0.00	22.22 -0.34 0.00	21.35 -0.33 0.00	20.47 -0.33 0.00	20.85 -0.32 0.00	24.67 -0.30 0.00	31.28 -0.41 0.00	38.03 -0.54 -0.10	38.71 -0.74 -0.66	34.29 -0.65 -0.67	32.02 -0.62 0.00	31.71 -0.61 0.00	31.49 -0.61 0.00	31.95 -0.62 0.00	32.39 -0.63 0.00	33.82 -0.64 -0.55	36.71 -0.79 -0.10	42.41 -0.95 -0.30	46.38 -0.70 -0.66	48.59 -0.72 -1.15	40.03 -0.69 -0.40	34.72 -0.63 -0.35	30.13 -0.49 0.00	25.07 -0.36 0.00
LOVETT___3 23632	25.33 1.41 0.00	23.74 1.17 0.00	22.71 1.04 0.00	21.78 0.98 0.00	22.12 0.95 0.00	25.96 1.00 0.00	33.06 1.36 0.00	40.00 1.54 0.00	40.41 1.63 0.00	35.78 1.51 0.00	34.24 1.60 0.00	33.97 1.65 0.00	33.84 1.73 0.00	34.32 1.76 0.00	34.80 1.78 0.00	35.75 1.83 0.00	39.57 2.17 0.00	45.39 2.33 0.00	49.01 2.60 0.00	50.85 2.70 0.00	42.29 1.98 0.00	36.82 1.82 0.00	32.03 1.41 0.00	26.57 1.14 0.00
LOVETT___4 23642	25.33 1.41 0.00	23.74 1.17 0.00	22.71 1.04 0.00	21.78 0.98 0.00	22.12 0.95 0.00	25.96 1.00 0.00	33.06 1.36 0.00	40.00 1.54 0.00	40.41 1.63 0.00	35.78 1.51 0.00	34.24 1.60 0.00	33.97 1.65 0.00	33.84 1.73 0.00	34.32 1.76 0.00	34.80 1.78 0.00	35.75 1.83 0.00	39.57 2.17 0.00	45.39 2.33 0.00	49.01 2.60 0.00	50.85 2.70 0.00	42.29 1.98 0.00	36.82 1.82 0.00	32.03 1.41 0.00	26.57 1.14 0.00
LOVETT___5 23593	25.33 1.41 0.00	23.74 1.17 0.00	22.71 1.04 0.00	21.78 0.98 0.00	22.12 0.95 0.00	25.96 1.00 0.00	33.06 1.36 0.00	40.00 1.54 0.00	40.41 1.63 0.00	35.78 1.51 0.00	34.24 1.60 0.00	33.97 1.65 0.00	33.84 1.73 0.00	34.32 1.76 0.00	34.80 1.78 0.00	35.75 1.83 0.00	39.57 2.17 0.00	45.39 2.33 0.00	49.01 2.60 0.00	50.85 2.70 0.00	42.29 1.98 0.00	36.82 1.82 0.00	32.03 1.41 0.00	26.57 1.14 0.00
LOWER RAQUET___HYD 24057	23.20 -0.72 0.00	21.95 -0.61 0.00	21.13 -0.54 0.00	20.39 -0.42 0.00	20.75 -0.42 0.00	24.54 -0.42 0.00	31.41 -0.29 0.00	38.01 -0.46 -0.01	38.39 -0.46 -0.07	33.85 -0.48 -0.07	31.92 -0.72 0.00	31.45 -0.87 0.00	31.07 -1.03 0.00	31.52 -1.04 0.00	31.63 -1.39 0.00	32.55 -1.42 -0.05	36.03 -1.38 -0.01	41.88 -1.21 -0.03	44.81 -1.67 -0.07	46.54 -1.73 -0.12	39.18 -1.17 -0.04	33.98 -1.05 -0.04	29.73 -0.89 0.00	24.89 -0.54 0.00
LOWER___HUDSON 24059	25.16 1.24 0.00	23.69 1.13 0.00	22.71 1.04 0.00	21.78 0.98 0.00	22.14 0.97 0.00	26.06 1.10 0.00	32.96 1.27 0.00	43.12 1.69 -2.96	45.91 1.67 -5.46	45.86 1.51 -10.08	42.99 1.43 -8.91	42.40 1.42 -8.66	41.71 1.45 -8.16	39.63 1.40 -5.67	39.27 1.49 -4.76	40.44 1.56 -4.97	49.42 1.72 -10.30	62.90 2.07 -17.77	66.46 2.41 -17.64	57.37 2.50 -6.71	47.78 1.93 -5.53	41.68 1.71 -4.97	32.01 1.38 -0.01	26.41 0.99 0.00
LOWVILLE_115KV_TB2 356335	23.70 -0.22 0.00	22.36 -0.20 0.00	21.46 -0.22 0.00	20.74 -0.06 0.00	21.17 0.00 0.00	25.09 0.12 0.00	32.11 0.41 0.00	39.06 0.58 -0.02	39.28 0.35 -0.14	34.69 0.27 -0.15	32.74 0.10 0.00	32.35 0.03 0.00	32.04 -0.06 0.00	32.43 -0.13 0.00	32.79 -0.23 0.00	33.83 -0.20 -0.12	37.05 -0.37 -0.02	42.87 -0.26 -0.07	46.51 -0.05 -0.14	48.70 0.29 -0.25	40.68 0.28 -0.09	35.21 0.14 -0.08	30.62 0.00 0.00	25.50 0.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.38 1.46 0.00	23.94 1.38 0.00	22.93 1.26 0.00	21.99 1.19 0.00	22.31 1.14 0.00	26.31 1.35 0.00	33.44 1.74 0.00	42.57 2.23 -1.88	44.42 2.17 -3.47	42.56 1.88 -6.40	40.03 1.73 -5.66	39.50 1.68 -5.50	38.98 1.70 -5.18	37.82 1.66 -3.60	37.83 1.78 -3.02	38.94 1.87 -3.15	45.96 2.02 -6.54	56.97 2.63 -11.29	60.67 3.06 -11.20	55.64 3.23 -4.26	46.32 2.50 -3.51	40.35 2.20 -3.15	32.40 1.78 -0.01	26.79 1.37 0.00



LUTHERNY_35_KV_BK2 355980	25.38 1.46 0.00	23.96 1.40 0.00	22.93 1.26 0.00	21.99 1.19 0.00	22.33 1.16 0.00	26.34 1.37 0.00	33.47 1.77 0.00	42.61 2.27 -1.88	44.42 2.17 -3.47	42.59 1.92 -6.40	40.03 1.73 -5.66	39.53 1.71 -5.50	38.98 1.70 -5.18	37.82 1.66 -3.60	37.83 1.78 -3.02	38.97 1.90 -3.15	45.96 2.02 -6.54	57.02 2.67 -11.29	60.72 3.11 -11.20	55.64 3.23 -4.26	46.32 2.50 -3.51	40.39 2.24 -3.15	32.40 1.78 -0.01	26.82 1.40 0.00
LWR___OSWEGATCHIE_HYD 23850	23.42 -0.50 0.00	22.13 -0.43 0.00	21.24 -0.43 0.00	20.53 -0.27 0.00	20.92 -0.25 0.00	24.77 -0.20 0.00	31.70 0.00 0.00	38.48 0.00 -0.02	38.83 -0.08 -0.13	34.19 -0.21 -0.13	32.25 -0.39 0.00	31.80 -0.52 0.00	31.46 -0.64 0.00	31.88 -0.68 0.00	32.09 -0.92 0.00	33.11 -0.92 -0.10	36.45 -0.97 -0.02	42.26 -0.86 -0.06	45.61 -0.93 -0.13	47.56 -0.82 -0.22	39.82 -0.56 -0.08	34.54 -0.52 -0.07	30.10 -0.52 0.00	25.14 -0.28 0.00
LYONS_FALL_HYD 23570	23.97 0.05 0.00	22.61 0.05 0.00	21.69 0.02 0.00	20.91 0.10 0.00	21.32 0.15 0.00	25.24 0.28 0.00	32.27 0.57 0.00	39.21 0.73 -0.02	39.47 0.58 -0.10	34.89 0.51 -0.11	33.00 0.36 0.00	32.61 0.29 0.00	32.33 0.23 0.00	32.79 0.23 0.00	33.15 0.13 0.00	34.17 0.17 -0.09	37.49 0.07 -0.02	43.28 0.17 -0.05	46.93 0.42 -0.11	49.06 0.72 -0.18	40.94 0.56 -0.06	35.47 0.42 -0.06	30.86 0.24 0.00	25.68 0.25 0.00
MADISON___COUNTY_LFGE 323628	24.35 0.43 0.00	22.99 0.43 0.00	22.06 0.39 0.00	21.20 0.40 0.00	21.57 0.40 0.00	25.54 0.57 0.00	32.55 0.86 0.00	39.60 1.12 -0.02	39.83 0.93 -0.11	35.24 0.86 -0.11	33.36 0.72 0.00	33.00 0.68 0.00	32.78 0.67 0.00	33.25 0.68 0.00	33.68 0.66 0.00	34.72 0.71 -0.09	38.16 0.75 -0.02	43.93 0.82 -0.05	47.68 1.16 -0.11	49.65 1.30 -0.19	41.39 1.01 -0.07	35.86 0.80 -0.06	31.23 0.61 0.00	26.01 0.58 0.00
MALONE___115KV_TB1 356076	23.01 -0.91 0.00	21.82 -0.74 0.00	21.02 -0.65 0.00	20.36 -0.44 0.00	20.81 -0.36 0.00	24.69 -0.27 0.00	31.98 0.29 0.00	38.96 0.50 0.00	39.37 0.58 0.00	34.44 0.17 0.00	32.41 -0.23 0.00	31.93 -0.39 0.00	31.43 -0.67 0.00	32.01 -0.55 0.00	32.16 -0.86 0.00	33.00 -0.92 0.00	36.80 -0.60 0.00	43.02 -0.04 0.00	45.95 -0.46 0.00	47.53 -0.63 0.00	40.15 -0.16 0.00	34.61 -0.38 0.00	30.25 -0.37 0.00	25.22 -0.20 0.00
MAPLEWOD_115KV_TB3 80458	24.90 0.98 0.00	23.47 0.90 0.00	22.50 0.82 0.00	21.57 0.77 0.00	21.91 0.74 0.00	25.79 0.82 0.00	32.71 1.01 0.00	42.97 1.38 -3.12	46.03 1.40 -5.84	46.33 1.27 -10.80	43.42 1.24 -9.54	42.85 1.26 -9.27	42.09 1.25 -8.73	39.84 1.20 -6.07	39.41 1.29 -5.10	40.62 1.39 -5.32	49.93 1.50 -11.03	63.90 1.81 -19.03	67.38 2.09 -18.88	57.51 2.17 -7.18	47.89 1.65 -5.92	41.82 1.50 -5.32	31.80 1.16 -0.01	26.24 0.81 0.00
MAPLE_RIDGE_WT_1 323574	22.77 -1.15 0.00	21.62 -0.95 0.00	20.87 -0.80 0.00	20.16 -0.64 0.00	20.58 -0.59 0.00	24.27 -0.70 0.00	31.00 -0.70 0.00	37.73 -0.73 0.00	38.13 -0.66 0.00	33.68 -0.58 0.00	31.99 -0.65 0.00	31.58 -0.74 0.00	31.20 -0.90 0.00	31.59 -0.98 0.00	31.86 -1.16 0.00	32.73 -1.19 0.00	36.17 -1.23 0.00	41.90 -1.16 0.00	45.11 -1.30 0.00	46.86 -1.30 0.00	39.38 -0.93 0.00	34.12 -0.87 0.00	29.88 -0.74 0.00	24.84 -0.58 0.00
MAPLE_RIDGE_WT_2 323611	22.77 -1.15 0.00	21.62 -0.95 0.00	20.87 -0.80 0.00	20.16 -0.64 0.00	20.58 -0.59 0.00	24.27 -0.70 0.00	31.00 -0.70 0.00	37.73 -0.73 0.00	38.13 -0.66 0.00	33.68 -0.58 0.00	31.99 -0.65 0.00	31.58 -0.74 0.00	31.20 -0.90 0.00	31.59 -0.98 0.00	31.86 -1.16 0.00	32.73 -1.19 0.00	36.17 -1.23 0.00	41.90 -1.16 0.00	45.11 -1.30 0.00	46.86 -1.30 0.00	39.38 -0.93 0.00	34.12 -0.87 0.00	29.88 -0.74 0.00	24.84 -0.58 0.00
MARBLE_RIVER_WT_PWR 323696	22.75 -1.17 0.00	21.55 -1.01 0.00	20.85 -0.82 0.00	20.18 -0.62 0.00	20.66 -0.51 0.00	24.54 -0.42 0.00	31.82 0.13 0.00	38.81 0.35 0.00	39.09 0.31 0.00	34.27 0.00 0.00	32.22 -0.43 0.00	31.77 -0.55 0.00	31.30 -0.80 0.00	31.82 -0.75 0.00	32.00 -1.02 0.00	32.87 -1.05 0.00	36.69 -0.71 0.00	42.85 -0.21 0.00	45.85 -0.55 0.00	47.38 -0.77 0.00	40.03 -0.28 0.00	34.51 -0.49 0.00	30.13 -0.49 0.00	25.09 -0.33 0.00
MARSHVLE_115KV_TB1 80742	25.83 1.91 0.00	24.41 1.85 0.00	23.34 1.67 0.00	22.38 1.58 0.00	22.76 1.59 0.00	26.96 2.00 0.00	34.55 2.85 0.00	42.91 3.50 -0.94	43.58 3.03 -1.76	39.93 2.40 -3.26	37.29 1.76 -2.88	36.73 1.62 -2.80	36.38 1.64 -2.64	35.96 1.56 -1.83	36.45 1.88 -1.54	37.77 2.24 -1.61	43.49 2.73 -3.35	52.76 3.83 -5.87	56.61 4.50 -5.70	55.04 4.72 -2.17	45.77 3.67 -1.79	39.86 3.25 -1.61	33.19 2.57 0.00	27.56 2.14 0.00
MARSH_HILL_WT_PWR 323713	23.94 0.02 0.00	22.61 0.05 0.00	21.78 0.11 0.00	20.72 -0.08 0.00	21.32 0.15 0.00	25.56 0.60 0.00	32.71 1.01 0.00	38.97 0.50 -0.01	38.04 -0.82 -0.07	33.72 -0.62 -0.07	31.79 -0.85 0.00	31.32 -1.00 0.00	30.95 -1.15 0.00	31.26 -1.30 0.00	31.59 -1.36 0.08	32.71 -1.19 0.02	36.44 -0.56 0.40	40.46 -0.60 2.00	45.83 -0.65 -0.07	47.12 -1.16 -0.12	38.86 -1.41 0.04	33.34 -1.61 0.04	29.76 -0.86 0.00	25.52 0.10 0.00
MCINTYRE_115KV_TB2 80467	23.49 -0.43 0.00	22.22 -0.34 0.00	21.35 -0.33 0.00	20.61 -0.19 0.00	20.98 -0.19 0.00	24.84 -0.12 0.00	31.92 0.22 0.00	38.74 0.27 -0.01	39.15 0.31 -0.06	34.43 0.10 -0.06	32.45 -0.20 0.00	31.96 -0.36 0.00	31.56 -0.55 0.00	32.08 -0.49 0.00	32.26 -0.76 0.00	33.18 -0.78 -0.05	36.74 -0.67 -0.01	42.78 -0.30 -0.03	45.82 -0.65 -0.06	47.58 -0.67 -0.10	40.10 -0.24 -0.03	34.64 -0.38 -0.03	30.25 -0.37 0.00	25.27 -0.15 0.00
MECO_____69_KV_BK1 80468	25.95 2.03 0.00	24.53 1.96 0.00	23.43 1.76 0.00	22.47 1.66 0.00	22.82 1.65 0.00	27.06 2.10 0.00	34.64 2.95 0.00	43.06 3.58 -1.01	43.90 3.22 -1.90	40.41 2.64 -3.51	37.86 2.12 -3.10	37.30 1.97 -3.01	36.93 1.99 -2.84	36.42 1.89 -1.97	36.89 2.21 -1.66	38.12 2.48 -1.73	43.83 2.84 -3.58	53.25 4.00 -6.18	57.23 4.69 -6.14	55.40 4.91 -2.33	46.06 3.83 -1.92	40.08 3.36 -1.73	33.32 2.69 0.00	27.63 2.21 0.00
MENANDS___115KV_TB5 355628	24.78 0.86 0.00	23.35 0.79 0.00	22.39 0.72 0.00	21.47 0.67 0.00	21.80 0.64 0.00	25.67 0.70 0.00	32.55 0.86 0.00	42.36 1.19 -2.70	45.04 1.20 -5.05	44.73 1.13 -9.33	42.00 1.11 -8.24	41.46 1.13 -8.01	40.77 1.12 -7.55	38.88 1.07 -5.24	38.58 1.16 -4.41	39.73 1.22 -4.59	48.24 1.31 -9.53	61.05 1.55 -16.44	64.54 1.81 -16.32	56.24 1.88 -6.21	46.88 1.45 -5.12	40.88 1.29 -4.59	31.64 1.01 -0.01	26.08 0.66 0.00
MG INDUSTRY___DRP 24185	24.71 0.79 0.00	23.31 0.74 0.00	22.37 0.69 0.00	21.45 0.64 0.00	21.78 0.61 0.00	25.64 0.67 0.00	32.49 0.79 0.00	36.18 1.08 3.36	33.38 1.01 6.41	23.31 0.89 11.84	22.99 0.82 10.47	22.93 0.78 10.17	23.29 0.77 9.58	26.66 0.75 6.65	28.25 0.83 5.59	29.00 0.92 5.83	26.31 1.01 12.10	23.48 1.29 20.88	27.27 1.58 20.72	41.91 1.64 7.88	35.10 1.29 6.50	30.35 1.19 5.83	31.52 0.92 0.02	26.06 0.64 0.00



MID___OSWEGATCHIE_HYD 23849	23.42 -0.50 0.00	22.13 -0.43 0.00	21.24 -0.43 0.00	20.53 -0.27 0.00	20.92 -0.25 0.00	24.77 -0.20 0.00	31.70 0.00 0.00	38.48 0.00 -0.02	38.83 -0.08 -0.13	34.19 -0.21 -0.13	32.25 -0.39 0.00	31.80 -0.52 0.00	31.46 -0.64 0.00	31.88 -0.68 0.00	32.09 -0.92 0.00	33.11 -0.92 -0.10	36.45 -0.97 -0.02	42.26 -0.86 -0.06	45.61 -0.93 -0.13	47.56 -0.82 -0.22	39.82 -0.56 -0.08	34.54 -0.52 -0.07	30.10 -0.52 0.00	25.14 -0.28 0.00
MID___RAQUETTE_HYD 23851	23.20 -0.72 0.00	21.95 -0.61 0.00	21.11 -0.56 0.00	20.39 -0.42 0.00	20.75 -0.42 0.00	24.54 -0.42 0.00	31.41 -0.29 0.00	38.01 -0.46 -0.01	38.46 -0.39 -0.07	33.85 -0.48 -0.07	31.92 -0.72 0.00	31.45 -0.87 0.00	31.08 -1.03 0.00	31.52 -1.04 0.00	31.63 -1.39 0.00	32.55 -1.42 -0.05	36.03 -1.38 -0.01	41.88 -1.21 -0.03	44.81 -1.67 -0.07	46.54 -1.73 -0.12	39.18 -1.17 -0.04	33.95 -1.08 -0.04	29.73 -0.89 0.00	24.89 -0.53 0.00
MILLIKEN___1 23584	24.28 0.36 0.00	22.95 0.38 0.00	22.04 0.37 0.00	21.09 0.29 0.00	21.53 0.36 0.00	25.54 0.57 0.00	32.55 0.86 0.00	39.49 1.00 -0.03	39.69 0.74 -0.17	35.06 0.62 -0.17	33.13 0.49 0.00	32.81 0.48 0.00	32.55 0.45 0.00	33.05 0.49 0.00	33.60 0.46 -0.12	34.72 0.54 -0.26	38.74 0.67 -0.67	47.02 0.73 -3.22	47.79 1.21 -0.17	49.70 1.25 -0.30	41.46 0.93 -0.23	35.94 0.73 -0.21	31.26 0.64 0.00	26.06 0.64 0.00
MILLIKEN___2 23585	24.28 0.36 0.00	22.95 0.38 0.00	22.04 0.37 0.00	21.09 0.29 0.00	21.53 0.36 0.00	25.54 0.57 0.00	32.55 0.86 0.00	39.49 1.00 -0.03	39.69 0.74 -0.17	35.06 0.62 -0.17	33.13 0.49 0.00	32.81 0.48 0.00	32.55 0.45 0.00	33.05 0.49 0.00	33.60 0.46 -0.12	34.72 0.54 -0.26	38.74 0.67 -0.67	47.02 0.73 -3.22	47.79 1.21 -0.17	49.70 1.25 -0.30	41.46 0.93 -0.23	35.94 0.73 -0.21	31.26 0.64 0.00	26.06 0.64 0.00
MILLIKEN___DIESEL 23629	24.28 0.36 0.00	22.95 0.38 0.00	22.04 0.37 0.00	21.09 0.29 0.00	21.53 0.36 0.00	25.54 0.57 0.00	32.55 0.86 0.00	39.49 1.00 -0.03	39.69 0.74 -0.17	35.06 0.62 -0.17	33.13 0.49 0.00	32.81 0.48 0.00	32.55 0.45 0.00	33.05 0.49 0.00	33.60 0.46 -0.12	34.72 0.54 -0.26	38.74 0.67 -0.67	47.02 0.73 -3.22	47.79 1.21 -0.17	49.70 1.25 -0.30	41.46 0.93 -0.23	35.94 0.73 -0.21	31.26 0.64 0.00	26.06 0.64 0.00
MILLSEAT___LFGE 323607	22.80 -1.12 0.00	21.75 -0.81 0.00	21.02 -0.65 0.00	19.80 -1.00 0.00	20.32 -0.85 0.00	24.72 -0.25 0.00	31.19 -0.51 0.00	37.27 -1.19 0.00	36.65 -2.13 0.00	32.42 -1.85 0.00	30.78 -1.86 0.00	30.48 -1.84 0.00	30.31 -1.80 0.00	30.87 -1.69 0.00	31.18 -1.82 0.02	31.76 -2.14 0.02	34.63 -2.65 0.12	39.81 -2.71 0.54	44.04 -2.37 0.00	45.89 -2.26 0.00	38.07 -2.22 0.02	32.94 -2.03 0.02	29.64 -0.98 0.00	25.58 0.15 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.52 1.60 0.00	23.94 1.38 0.00	22.89 1.21 0.00	21.97 1.16 0.00	22.31 1.14 0.00	26.19 1.22 0.00	33.34 1.65 0.00	40.39 1.92 0.00	40.80 2.02 0.00	36.12 1.85 0.00	34.60 1.96 0.00	34.36 2.04 0.00	34.19 2.09 0.00	34.68 2.12 0.00	35.20 2.18 0.00	36.12 2.20 0.00	39.91 2.51 0.00	45.77 2.71 0.00	49.43 3.02 0.00	51.29 3.13 0.00	42.65 2.34 0.00	37.13 2.13 0.00	32.33 1.71 0.00	26.77 1.35 0.00
MILLWOOD_13_KV_LOAD 356217	25.59 1.67 0.00	23.98 1.42 0.00	22.93 1.26 0.00	22.01 1.21 0.00	22.38 1.21 0.00	26.26 1.30 0.00	33.44 1.74 0.00	40.50 2.04 0.00	40.92 2.13 0.00	36.19 1.92 0.00	34.70 2.06 0.00	34.42 2.10 0.00	34.25 2.15 0.00	34.78 2.21 0.00	35.30 2.28 0.00	36.22 2.31 0.00	40.06 2.66 0.00	45.90 2.84 0.00	49.57 3.16 0.00	51.43 3.27 0.00	42.73 2.42 0.00	37.24 2.24 0.00	32.39 1.78 0.00	26.85 1.42 0.00
MODEL_CITY_ENERGY 24167	22.20 -1.72 0.00	21.21 -1.35 0.00	20.50 -1.17 0.00	19.26 -1.54 0.00	19.79 -1.38 0.00	24.12 -0.85 0.00	30.27 -1.43 0.00	35.96 -2.50 0.00	35.41 -3.37 0.00	31.35 -2.91 0.00	29.84 -2.81 0.00	29.57 -2.75 0.00	29.41 -2.70 0.00	29.96 -2.61 0.00	30.22 -2.77 0.02	30.74 -3.15 0.02	33.53 -3.74 0.13	38.52 -3.96 0.58	42.46 -3.94 0.00	44.21 -3.95 0.00	36.74 -3.55 0.02	31.82 -3.15 0.02	28.81 -1.81 0.00	25.01 -0.41 0.00
MODERN_LFGE___ 323580	22.20 -1.72 0.00	21.21 -1.35 0.00	20.50 -1.17 0.00	19.26 -1.54 0.00	19.79 -1.38 0.00	24.12 -0.85 0.00	30.27 -1.43 0.00	35.96 -2.50 0.00	35.41 -3.37 0.00	31.35 -2.91 0.00	29.84 -2.81 0.00	29.57 -2.75 0.00	29.41 -2.70 0.00	29.96 -2.61 0.00	30.22 -2.77 0.02	30.74 -3.15 0.02	33.53 -3.74 0.13	38.52 -3.96 0.58	42.46 -3.94 0.00	44.21 -3.95 0.00	36.74 -3.55 0.02	31.82 -3.15 0.02	28.81 -1.81 0.00	25.01 -0.41 0.00
MOHAWK_PAPER___DRP 24187	24.90 0.98 0.00	23.47 0.90 0.00	22.50 0.82 0.00	21.57 0.77 0.00	21.91 0.74 0.00	25.79 0.82 0.00	32.71 1.01 0.00	42.97 1.38 -3.12	46.03 1.40 -5.84	46.33 1.27 -10.80	43.42 1.24 -9.54	42.85 1.26 -9.27	42.09 1.25 -8.73	39.84 1.20 -6.07	39.41 1.29 -5.10	40.62 1.39 -5.32	49.93 1.50 -11.03	63.90 1.81 -19.03	67.38 2.09 -18.88	57.51 2.17 -7.18	47.89 1.65 -5.92	41.82 1.50 -5.32	31.80 1.16 -0.01	26.24 0.81 0.00
MOHICAN___35_KV_115KV_LD 80490	25.67 1.75 0.00	24.23 1.67 0.00	23.17 1.50 0.00	22.22 1.41 0.00	22.55 1.38 0.00	26.64 1.67 0.00	33.91 2.22 0.00	43.13 2.81 -1.86	44.97 2.75 -3.43	42.96 2.36 -6.33	40.33 2.09 -5.60	39.83 2.07 -5.44	39.28 2.05 -5.12	38.11 1.99 -3.56	38.16 2.15 -2.99	39.31 2.27 -3.12	46.26 2.39 -6.47	57.54 3.32 -11.16	61.39 3.90 -11.08	56.41 4.05 -4.21	46.89 3.10 -3.48	40.88 2.76 -3.12	32.80 2.17 -0.01	27.15 1.73 0.00
MONGAUP___HYD 23641	25.21 1.29 0.00	23.65 1.08 0.00	22.71 1.04 0.00	21.74 0.94 0.00	22.06 0.89 0.00	25.91 0.95 0.00	33.06 1.36 0.00	39.93 1.46 0.00	40.30 1.51 0.00	35.54 1.27 0.00	33.98 1.34 0.00	33.65 1.33 0.00	33.51 1.41 0.00	34.00 1.43 0.00	34.57 1.55 0.00	35.55 1.63 0.00	39.38 1.98 0.00	45.21 2.15 0.00	48.96 2.55 0.00	50.85 2.70 0.00	42.36 2.05 0.00	36.75 1.75 0.00	32.00 1.38 0.00	26.49 1.07 0.00
MONTAUK___DIESEL 23721	32.36 3.01 -5.43	24.93 2.37 0.00	23.95 2.28 0.00	22.76 1.96 0.00	23.07 1.91 0.00	27.21 2.25 0.00	34.91 2.95 -0.27	41.40 2.77 -0.17	41.69 2.91 0.00	36.87 2.60 0.00	36.60 2.71 -1.25	36.68 2.65 -1.71	35.68 2.54 -1.04	35.87 2.64 -0.67	36.10 2.94 -0.14	37.83 3.70 -0.22	42.11 4.71 0.00	50.45 5.47 -1.92	56.98 5.80 -4.77	53.84 5.68 0.00	44.35 4.03 -0.01	39.91 3.43 -1.49	33.01 2.39 0.00	30.81 2.06 -3.33
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.03 -0.89 0.00	22.09 -0.47 0.00	21.33 -0.35 0.00	20.16 -0.64 0.00	20.75 -0.42 0.00	25.09 0.12 0.00	31.79 0.10 0.00	38.12 -0.35 0.00	37.08 -1.71 0.00	32.66 -1.61 0.00	31.04 -1.60 0.00	30.58 -1.75 0.00	30.30 -1.80 0.00	30.77 -1.79 0.00	31.14 -1.85 0.03	31.99 -1.90 0.03	35.47 -1.80 0.14	40.26 -2.07 0.73	44.32 -2.09 0.00	46.33 -1.83 0.00	38.39 -1.89 0.03	33.22 -1.75 0.03	30.01 -0.61 0.00	26.03 0.61 0.00



MORRIS_RIDGE___SOLAR 323848	23.13 -0.79 0.00	22.02 -0.54 0.00	21.24 -0.43 0.00	20.09 -0.71 0.00	20.60 -0.57 0.00	24.84 -0.12 0.00	30.71 -0.98 0.00	36.42 -2.04 0.00	35.76 -3.03 0.00	31.66 -2.61 0.00	30.06 -2.58 0.00	29.73 -2.59 0.00	29.47 -2.63 0.00	29.96 -2.61 0.00	30.27 -2.71 0.04	31.06 -2.81 0.04	34.32 -2.88 0.20	38.74 -3.31 1.01	44.14 -2.27 0.00	45.89 -2.26 0.00	38.05 -2.22 0.04	32.96 -1.99 0.04	29.64 -0.98 0.00	25.58 0.15 0.00
MORTIMER_115KV_TB3 55949	23.30 -0.62 0.00	22.18 -0.38 0.00	21.30 -0.37 0.00	20.24 -0.56 0.00	20.75 -0.42 0.00	24.92 -0.05 0.00	31.50 -0.19 0.00	38.04 -0.42 0.00	37.70 -1.09 0.00	33.27 -0.99 0.00	31.66 -0.98 0.00	31.35 -0.97 0.00	31.17 -0.93 0.00	31.59 -0.98 0.00	32.04 -0.96 0.02	32.65 -1.25 0.02	35.59 -1.72 0.09	40.73 -1.89 0.43	45.25 -1.16 0.00	47.10 -1.06 0.00	39.16 -1.13 0.02	33.93 -1.05 0.02	30.16 -0.46 0.00	25.50 0.08 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.76 1.84 0.00	24.10 1.53 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.48 1.31 0.00	26.39 1.42 0.00	33.63 1.93 0.00	40.86 2.23 -0.17	41.15 2.37 0.00	36.39 2.12 0.00	34.93 2.29 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.50 2.58 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.93 2.62 0.00	37.45 2.45 0.00	32.61 1.99 0.00	27.00 1.58 0.00
MUNSVILLE_WIND_PWR 323609	25.04 1.12 0.00	23.74 1.17 0.00	22.73 1.06 0.00	21.92 1.12 0.00	22.33 1.16 0.00	26.59 1.62 0.00	34.20 2.50 0.00	41.60 3.11 -0.02	41.59 2.67 -0.13	36.80 2.40 -0.14	34.63 1.99 0.00	34.19 1.87 0.00	33.93 1.83 0.00	34.45 1.89 0.00	34.93 1.85 -0.06	36.09 2.00 -0.17	40.02 2.28 -0.34	47.38 2.71 -1.61	50.07 3.53 -0.13	52.29 3.90 -0.23	43.51 3.06 -0.14	37.61 2.48 -0.13	32.55 1.93 0.00	27.20 1.78 0.00
N SALMON___HYD 24042	23.01 -0.91 0.00	21.82 -0.74 0.00	21.07 -0.61 0.00	20.36 -0.44 0.00	20.83 -0.34 0.00	24.69 -0.27 0.00	31.98 0.28 0.00	38.96 0.50 0.00	39.25 0.47 0.00	34.44 0.17 0.00	32.42 -0.23 0.00	31.93 -0.39 0.00	31.43 -0.68 0.00	32.01 -0.55 0.00	32.16 -0.86 0.00	33.00 -0.91 0.00	36.80 -0.60 0.00	43.02 -0.04 0.00	45.95 -0.46 0.00	47.53 -0.63 0.00	40.15 -0.16 0.00	34.65 -0.35 0.00	30.25 -0.37 0.00	25.22 -0.20 0.00
N.AKRON__115KV_KNAPP 355671	22.77 -1.15 0.00	21.80 -0.77 0.00	20.98 -0.69 0.00	19.78 -1.02 0.00	20.41 -0.76 0.00	24.72 -0.25 0.00	31.16 -0.54 0.00	37.39 -1.08 0.00	36.69 -2.09 0.00	32.38 -1.88 0.00	30.81 -1.83 0.00	30.48 -1.84 0.00	30.30 -1.80 0.00	30.71 -1.86 0.00	31.18 -1.82 0.02	31.73 -2.17 0.02	34.63 -2.66 0.12	39.72 -2.80 0.55	44.00 -2.41 0.00	45.84 -2.31 0.00	38.07 -2.22 0.02	32.95 -2.03 0.02	29.64 -0.98 0.00	25.47 0.05 0.00
N.BELMOR_69_KV_BK1 55787	31.50 2.15 -5.43	24.34 1.78 0.00	23.34 1.67 0.00	22.30 1.50 0.00	22.69 1.52 0.00	26.74 1.77 0.00	34.31 2.35 -0.27	40.94 2.31 -0.17	41.27 2.48 0.00	36.70 2.43 0.00	36.60 2.71 -1.25	36.78 2.75 -1.71	35.94 2.79 -1.04	36.10 2.87 -0.67	36.07 2.91 -0.14	37.16 3.02 -0.22	40.73 3.33 0.00	48.63 3.66 -1.91	55.21 4.04 -4.76	52.30 4.14 0.00	43.53 3.22 0.00	39.46 2.97 -1.49	32.98 2.36 0.00	30.69 1.93 -3.33
N.E_GEN_SANDY PD 24062	27.49 1.36 -2.21	25.00 1.22 -1.22	23.82 1.13 -1.02	23.05 1.06 -1.19	23.35 1.06 -1.12	27.10 1.12 -1.01	36.97 1.23 -4.04	42.03 1.69 -1.87	44.04 1.75 -3.51	43.83 1.54 -8.02	42.97 1.60 -8.73	39.65 1.62 -5.71	38.98 1.64 -5.24	37.83 1.63 -3.64	37.80 1.72 -3.06	38.87 1.76 -3.19	46.00 1.98 -6.62	56.63 2.15 -11.42	60.20 2.46 -11.33	55.02 2.55 -4.31	45.84 1.97 -3.56	39.97 1.78 -3.19	33.71 1.44 -1.65	31.06 0.99 -4.65
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.36 1.44 0.00	23.76 1.20 0.00	22.76 1.08 0.00	21.80 1.00 0.00	22.16 0.99 0.00	25.99 1.02 0.00	33.09 1.39 0.00	40.04 1.58 0.00	40.45 1.67 0.00	35.81 1.54 0.00	34.28 1.63 0.00	34.00 1.68 0.00	33.87 1.77 0.00	34.36 1.79 0.00	34.87 1.85 0.00	35.82 1.90 0.00	39.61 2.21 0.00	45.47 2.41 0.00	49.10 2.69 0.00	50.95 2.79 0.00	42.37 2.06 0.00	36.85 1.85 0.00	32.06 1.44 0.00	26.59 1.17 0.00
N.QUEENS_27_KV_LOAD 356247	25.77 1.84 -0.01	24.15 1.58 -0.01	23.13 1.45 -0.01	22.18 1.37 -0.01	22.53 1.35 -0.01	26.45 1.47 -0.01	33.76 2.06 0.00	40.86 2.23 -0.17	41.11 2.33 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.74 2.42 0.00	34.57 2.47 0.00	35.11 2.54 0.00	35.59 2.58 0.00	36.56 2.65 0.00	40.28 2.88 0.00	46.12 3.06 0.00	49.75 3.34 0.00	51.62 3.47 0.00	42.81 2.50 0.00	37.45 2.45 0.00	32.62 1.99 -0.01	27.01 1.58 -0.01
N.TROY___115KV_TB1 355778	25.16 1.24 0.00	23.69 1.13 0.00	22.71 1.04 0.00	21.78 0.98 0.00	22.14 0.97 0.00	26.06 1.10 0.00	32.96 1.27 0.00	43.12 1.69 -2.96	45.91 1.67 -5.46	45.86 1.51 -10.08	42.99 1.44 -8.91	42.40 1.42 -8.66	41.70 1.44 -8.16	39.66 1.43 -5.67	39.27 1.49 -4.76	40.44 1.56 -4.97	49.42 1.72 -10.30	62.90 2.07 -17.77	66.46 2.41 -17.64	57.37 2.50 -6.71	47.78 1.93 -5.53	41.68 1.71 -4.97	32.01 1.38 -0.01	26.44 1.02 0.00
NARROWS_GT1_1 24228	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
NARROWS_GT1_2 24229	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
NARROWS_GT1_3 24230	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
NARROWS_GT1_4 24231	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01



NARROWS_GT1_5 24232	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
NARROWS_GT1_6 24233	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
NARROWS_GT1_7 24234	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
NARROWS_GT1_8 24235	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
NARROWS_GT2_1 24236	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
NARROWS_GT2_2 24237	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
NARROWS_GT2_3 24238	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
NARROWS_GT2_4 24239	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
NARROWS_GT2_5 24240	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
NARROWS_GT2_6 24241	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
NARROWS_GT2_7 24242	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
NARROWS_GT2_8 24243	25.94 2.01 -0.01	24.26 1.69 -0.01	23.20 1.52 -0.01	22.22 1.42 -0.01	22.64 1.46 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.73 2.71 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.16 1.73 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.92 1.00 0.00	23.51 0.95 0.00	22.58 0.91 0.00	21.63 0.83 0.00	21.91 0.74 0.00	25.87 0.90 0.00	32.84 1.14 0.00	36.31 1.62 3.77	33.12 1.51 7.18	22.27 1.27 13.27	22.00 1.08 11.72	21.96 1.03 11.39	22.39 1.03 10.74	26.05 0.94 7.46	27.91 1.16 6.27	28.71 1.32 6.53	25.42 1.57 13.56	21.78 2.11 23.39	25.80 2.60 23.21	42.07 2.74 8.83	35.20 2.18 7.28	30.28 1.82 6.53	31.89 1.29 0.02	26.29 0.86 0.00
NCHELSEA_115KV_TR2 355582	25.52 1.60 0.00	23.94 1.38 0.00	22.93 1.26 0.00	21.99 1.19 0.00	22.31 1.14 0.00	26.19 1.22 0.00	33.37 1.68 0.00	40.39 1.92 0.00	40.80 2.02 0.00	36.05 1.78 0.00	34.50 1.86 0.00	34.19 1.87 0.00	34.06 1.96 0.00	34.58 2.02 0.00	35.13 2.11 0.00	36.09 2.17 0.00	39.94 2.54 0.00	45.77 2.71 0.00	49.52 3.11 0.00	51.38 3.23 0.00	42.77 2.46 0.00	37.20 2.20 0.00	32.33 1.71 0.00	26.74 1.32 0.00
NEG CAPITAL___MECHNVIL 23645	25.40 1.48 0.00	23.96 1.40 0.00	22.93 1.26 0.00	21.99 1.19 0.00	22.33 1.16 0.00	26.31 1.35 0.00	33.44 1.74 0.00	42.88 2.23 -2.19	44.98 2.17 -4.02	43.57 1.88 -7.42	40.93 1.73 -6.56	40.41 1.71 -6.37	39.84 1.73 -6.01	38.40 1.66 -4.17	38.31 1.78 -3.51	39.51 1.93 -3.66	47.00 2.02 -7.58	58.81 2.67 -13.08	62.51 3.11 -12.99	56.32 3.23 -4.94	46.88 2.50 -4.07	40.82 2.17 -3.66	32.40 1.78 -0.01	26.77 1.35 0.00



NEG CENTRAL_HIGH_ACRES 23767	23.46 -0.46 0.00	22.29 -0.27 0.00	21.46 -0.22 0.00	20.39 -0.42 0.00	20.85 -0.32 0.00	25.02 0.05 0.00	31.73 0.03 0.00	38.27 -0.19 0.00	38.05 -0.74 0.00	33.62 -0.65 0.00	31.96 -0.69 0.00	31.67 -0.65 0.00	31.49 -0.61 0.00	32.01 -0.55 0.00	32.37 -0.63 0.02	33.05 -0.85 0.02	36.04 -1.27 0.09	41.20 -1.42 0.44	45.71 -0.69 0.00	47.53 -0.63 0.00	39.53 -0.77 0.02	34.21 -0.77 0.02	30.34 -0.28 0.00	25.65 0.23 0.00
NEG CENTRAL___DRP 24199	23.78 -0.14 0.00	22.52 -0.05 0.00	21.63 -0.04 0.00	20.66 -0.15 0.00	21.13 -0.04 0.00	25.17 0.20 0.00	31.95 0.25 0.00	38.54 0.04 -0.04	38.60 -0.43 -0.24	34.17 -0.34 -0.24	32.25 -0.39 0.00	31.93 -0.39 0.00	31.69 -0.42 0.00	32.14 -0.42 0.00	32.53 -0.46 0.02	33.62 -0.47 -0.17	36.75 -0.56 0.09	41.84 -0.73 0.49	46.41 -0.23 -0.24	48.33 -0.24 -0.41	40.03 -0.40 -0.12	34.75 -0.35 -0.10	30.53 -0.09 0.00	25.60 0.18 0.00
NEG CENTRAL___INDECK 23768	23.80 -0.12 0.00	22.65 0.09 0.00	21.84 0.17 0.00	20.70 -0.10 0.00	21.21 0.04 0.00	25.56 0.60 0.00	32.27 0.57 0.00	38.70 0.23 0.00	37.97 -0.82 0.00	33.38 -0.89 0.00	31.57 -1.08 0.00	31.19 -1.13 0.00	30.88 -1.22 0.00	31.46 -1.11 0.00	31.83 -1.16 0.03	32.63 -1.25 0.03	35.87 -1.34 0.18	40.88 -1.29 0.89	46.27 -0.14 0.00	48.20 0.05 0.00	39.95 -0.32 0.03	34.51 -0.46 0.03	30.77 0.15 0.00	26.26 0.84 0.00
NEG CENTRAL___SENECA 23627	23.85 -0.07 0.00	22.63 0.07 0.00	21.74 0.07 0.00	20.72 -0.08 0.00	21.21 0.04 0.00	25.34 0.37 0.00	32.20 0.51 0.00	38.67 0.19 -0.02	38.43 -0.47 -0.11	34.04 -0.34 -0.11	32.22 -0.42 0.00	31.90 -0.42 0.00	31.65 -0.45 0.00	32.11 -0.46 0.00	32.46 -0.53 0.04	33.47 -0.51 -0.06	36.63 -0.60 0.17	41.38 -0.82 0.86	46.34 -0.19 -0.11	48.16 -0.19 -0.19	39.94 -0.40 -0.03	34.71 -0.31 -0.02	30.65 0.03 0.00	25.83 0.41 0.00
NEG CENTRAL___STATE_STREET 24147	23.80 -0.12 0.00	22.49 -0.07 0.00	21.63 -0.04 0.00	20.70 -0.10 0.00	21.11 -0.06 0.00	25.07 0.10 0.00	31.82 0.13 0.00	38.56 0.04 -0.06	38.97 -0.19 -0.38	34.48 -0.17 -0.38	32.45 -0.20 0.00	32.16 -0.16 0.00	31.94 -0.16 0.00	32.40 -0.16 0.00	32.81 -0.20 0.01	34.02 -0.20 -0.30	37.14 -0.26 0.00	42.60 -0.39 0.08	46.79 0.00 -0.38	48.81 0.00 -0.66	40.37 -0.16 -0.22	35.05 -0.14 -0.19	30.56 -0.06 0.00	25.45 0.03 0.00
NEG MILLWOOD___DRP 24198	25.67 1.75 0.00	24.10 1.53 0.00	23.02 1.34 0.00	22.09 1.29 0.00	22.44 1.27 0.00	26.36 1.40 0.00	33.60 1.90 0.00	40.73 2.27 0.00	41.11 2.33 0.00	36.32 2.06 0.00	34.83 2.19 0.00	34.55 2.23 0.00	34.38 2.28 0.00	34.91 2.34 0.00	35.43 2.41 0.00	36.36 2.44 0.00	40.24 2.84 0.00	46.12 3.06 0.00	49.84 3.43 0.00	51.67 3.52 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.55 1.93 0.00	26.95 1.53 0.00
NEG NORTH_FLCN_SEA 23793	22.80 -1.12 0.00	21.64 -0.93 0.00	20.91 -0.76 0.00	20.30 -0.50 0.00	20.81 -0.36 0.00	24.79 -0.17 0.00	32.36 0.67 0.00	39.50 1.04 0.00	39.87 1.09 0.00	34.78 0.51 0.00	32.64 0.00 0.00	32.19 -0.13 0.00	31.69 -0.42 0.00	32.24 -0.33 0.00	32.39 -0.63 0.00	33.27 -0.64 0.00	37.25 -0.15 0.00	43.66 0.60 0.00	46.64 0.23 0.00	48.11 -0.05 0.00	40.67 0.36 0.00	34.89 -0.10 0.00	30.43 -0.18 0.00	25.37 -0.05 0.00
NEG NORTH_KES_CHATEGAY 23792	22.80 -1.12 0.00	21.59 -0.97 0.00	20.85 -0.82 0.00	20.20 -0.60 0.00	20.66 -0.51 0.00	24.54 -0.42 0.00	31.79 0.10 0.00	38.73 0.27 0.00	39.13 0.35 0.00	34.23 -0.03 0.00	32.22 -0.42 0.00	31.74 -0.58 0.00	31.27 -0.83 0.00	31.82 -0.75 0.00	32.00 -1.02 0.00	32.87 -1.05 0.00	36.65 -0.75 0.00	42.84 -0.22 0.00	45.81 -0.60 0.00	47.39 -0.77 0.00	40.03 -0.28 0.00	34.47 -0.52 0.00	30.13 -0.49 0.00	25.09 -0.33 0.00
NEG NORTH___ALICE_FALLS 23915	22.87 -1.05 0.00	21.71 -0.86 0.00	20.96 -0.72 0.00	20.36 -0.44 0.00	20.85 -0.32 0.00	24.84 -0.12 0.00	32.42 0.73 0.00	39.58 1.12 0.00	39.91 1.12 0.00	34.82 0.55 0.00	32.68 0.03 0.00	32.22 -0.10 0.00	31.69 -0.42 0.00	32.30 -0.26 0.00	32.42 -0.59 0.00	33.31 -0.61 0.00	37.29 -0.11 0.00	43.75 0.69 0.00	46.73 0.32 0.00	48.20 0.05 0.00	40.75 0.44 0.00	34.96 -0.03 0.00	30.50 -0.12 0.00	25.42 0.00 0.00
NEG NORTH___LWR_SARANAC 23913	22.87 -1.05 0.00	21.71 -0.86 0.00	20.96 -0.72 0.00	20.36 -0.44 0.00	20.85 -0.32 0.00	24.84 -0.12 0.00	32.42 0.73 0.00	39.58 1.12 0.00	39.91 1.12 0.00	34.82 0.55 0.00	32.68 0.03 0.00	32.22 -0.10 0.00	31.69 -0.42 0.00	32.30 -0.26 0.00	32.42 -0.59 0.00	33.31 -0.61 0.00	37.29 -0.11 0.00	43.75 0.69 0.00	46.73 0.32 0.00	48.20 0.05 0.00	40.75 0.44 0.00	34.96 -0.03 0.00	30.50 -0.12 0.00	25.42 0.00 0.00
NEG NORTH___PLATTSBURG 23628	22.87 -1.05 0.00	21.71 -0.86 0.00	21.00 -0.67 0.00	20.36 -0.44 0.00	20.85 -0.32 0.00	24.84 -0.12 0.00	32.42 0.73 0.00	39.58 1.12 0.00	39.79 1.01 0.00	34.81 0.55 0.00	32.68 0.03 0.00	32.22 -0.10 0.00	31.68 -0.42 0.00	32.27 -0.29 0.00	32.43 -0.59 0.00	33.31 -0.61 0.00	37.29 -0.11 0.00	43.75 0.69 0.00	46.74 0.33 0.00	48.20 0.05 0.00	40.75 0.44 0.00	35.00 0.00 0.00	30.50 -0.12 0.00	25.42 0.00 0.00
NEG WEST_LEA_LOCKPORT 23791	22.44 -1.48 0.00	21.48 -1.08 0.00	20.68 -1.00 0.00	19.49 -1.31 0.00	20.11 -1.06 0.00	24.39 -0.57 0.00	30.62 -1.08 0.00	36.58 -1.88 0.00	35.92 -2.87 0.00	31.73 -2.54 0.00	30.23 -2.42 0.00	29.90 -2.42 0.00	29.73 -2.38 0.00	30.12 -2.44 0.00	30.59 -2.41 0.02	31.11 -2.78 0.02	33.99 -3.29 0.12	38.83 -3.66 0.57	42.98 -3.43 0.00	44.79 -3.37 0.00	37.22 -3.06 0.02	32.24 -2.73 0.02	29.15 -1.47 0.00	25.17 -0.25 0.00
NEG WEST___LANCASTR 23811	23.11 -0.81 0.00	22.07 -0.50 0.00	21.22 -0.46 0.00	20.05 -0.75 0.00	20.66 -0.51 0.00	24.92 -0.05 0.00	31.44 -0.25 0.00	37.43 -1.04 0.00	36.54 -2.25 0.00	32.31 -1.95 0.00	30.75 -1.89 0.00	30.38 -1.94 0.00	30.14 -1.96 0.00	30.64 -1.92 0.00	31.08 -1.92 0.03	32.53 -1.36 0.03	36.54 -0.75 0.11	41.40 -0.99 0.67	43.90 -2.51 0.00	45.75 -2.41 0.00	37.99 -2.30 0.03	32.80 -2.17 0.03	29.55 -1.07 0.00	25.65 0.23 0.00
NEG_PENN_ALLEGHNY 23528	24.02 0.10 0.00	22.72 0.16 0.00	21.82 0.15 0.00	20.86 0.06 0.00	21.28 0.11 0.00	25.24 0.28 0.00	32.04 0.35 0.00	38.83 0.35 -0.02	39.24 0.31 -0.14	34.68 0.27 -0.14	32.90 0.26 0.00	32.58 0.26 0.00	32.39 0.29 0.00	32.86 0.29 0.00	33.29 0.26 -0.01	34.35 0.30 -0.13	37.89 0.41 -0.08	43.79 0.39 -0.34	47.15 0.60 -0.14	49.03 0.62 -0.25	40.81 0.40 -0.10	35.40 0.31 -0.09	30.99 0.37 0.00	25.85 0.43 0.00
NEG___GEN_MONROE 24207	23.27 -0.65 0.00	22.16 -0.41 0.00	21.30 -0.37 0.00	20.20 -0.60 0.00	20.77 -0.40 0.00	24.97 0.00 0.00	31.50 -0.19 0.00	38.00 -0.46 0.00	37.58 -1.20 0.00	33.21 -1.06 0.00	31.57 -1.08 0.00	31.22 -1.10 0.00	31.04 -1.06 0.00	31.46 -1.11 0.00	31.88 -1.12 0.02	32.44 -1.46 0.02	35.37 -1.94 0.09	40.51 -2.11 0.44	44.97 -1.44 0.00	46.95 -1.20 0.00	39.04 -1.25 0.02	33.79 -1.19 0.02	30.07 -0.55 0.00	25.50 0.08 0.00



NEPA__ENERGY 23901	23.15 -0.77 0.00	22.11 -0.45 0.00	21.28 -0.39 0.00	20.09 -0.71 0.00	20.68 -0.49 0.00	24.94 -0.02 0.00	31.44 -0.25 0.00	37.54 -0.92 0.00	36.73 -2.06 0.00	32.49 -1.78 0.00	30.91 -1.73 0.00	30.54 -1.78 0.00	30.34 -1.77 0.00	30.77 -1.79 0.00	31.18 -1.82 0.03	32.06 -1.83 0.03	35.51 -1.76 0.13	40.28 -2.11 0.67	44.23 -2.18 0.00	46.09 -2.07 0.00	38.23 -2.06 0.03	33.08 -1.89 0.03	29.76 -0.86 0.00	25.78 0.36 0.00
NEVERSINK__HYD 23608	25.33 1.41 0.00	23.78 1.22 0.00	22.82 1.15 0.00	21.84 1.04 0.00	22.19 1.02 0.00	26.06 1.10 0.00	33.25 1.55 0.00	40.00 1.73 0.20	40.66 2.37 0.49	35.39 2.02 0.90	33.90 2.06 0.80	33.58 2.04 0.77	33.56 2.18 0.73	34.24 2.18 0.51	35.00 2.41 0.43	35.98 2.51 0.44	38.80 2.32 0.92	43.97 2.50 1.59	47.71 2.88 1.58	50.59 3.04 0.60	42.15 2.34 0.50	36.58 2.03 0.44	32.18 1.56 0.00	26.64 1.22 0.00
NEWKRMKL_115KV_TB1 55635	24.61 0.69 0.00	23.17 0.61 0.00	22.21 0.54 0.00	21.32 0.52 0.00	21.66 0.49 0.00	25.49 0.52 0.00	32.33 0.63 0.00	38.59 0.92 0.80	38.15 0.93 1.56	32.27 0.89 2.89	30.94 0.85 2.55	30.72 0.87 2.48	30.67 0.90 2.33	31.79 0.85 1.62	32.58 0.92 1.36	33.48 0.98 1.42	35.50 1.05 2.95	39.22 1.25 5.09	42.85 1.49 5.05	47.78 1.54 1.92	39.90 1.17 1.58	34.63 1.05 1.42	31.41 0.80 0.00	25.93 0.51 0.00
NEWTON__FALLS_HYD 23847	23.42 -0.50 0.00	22.13 -0.43 0.00	21.24 -0.43 0.00	20.53 -0.27 0.00	20.92 -0.25 0.00	24.77 -0.20 0.00	31.70 0.00 0.00	38.48 0.00 -0.02	38.83 -0.08 -0.13	34.19 -0.21 -0.13	32.25 -0.39 0.00	31.80 -0.52 0.00	31.46 -0.64 0.00	31.88 -0.68 0.00	32.09 -0.92 0.00	33.11 -0.92 -0.10	36.45 -0.97 -0.02	42.26 -0.86 -0.06	45.61 -0.93 -0.13	47.56 -0.82 -0.22	39.82 -0.56 -0.08	34.54 -0.52 -0.07	30.10 -0.52 0.00	25.14 -0.28 0.00
NGRID_A1_DSASP 323792	22.17 -1.75 0.00	21.21 -1.35 0.00	20.48 -1.19 0.00	19.26 -1.54 0.00	19.79 -1.38 0.00	24.07 -0.90 0.00	30.17 -1.52 0.00	35.77 -2.69 0.00	35.26 -3.53 0.00	31.25 -3.02 0.00	29.77 -2.87 0.00	29.51 -2.81 0.00	29.34 -2.76 0.00	29.90 -2.67 0.00	30.16 -2.84 0.02	30.61 -3.29 0.02	33.36 -3.93 0.12	37.83 -4.65 0.58	42.23 -4.18 0.00	43.97 -4.19 0.00	36.58 -3.71 0.02	31.72 -3.25 0.02	28.75 -1.87 0.00	24.96 -0.46 0.00
NGRID_A2_DSASP 323793	22.17 -1.75 0.00	21.21 -1.35 0.00	20.48 -1.19 0.00	19.26 -1.54 0.00	19.79 -1.38 0.00	24.07 -0.90 0.00	30.17 -1.52 0.00	35.77 -2.69 0.00	35.26 -3.53 0.00	31.25 -3.02 0.00	29.77 -2.87 0.00	29.51 -2.81 0.00	29.34 -2.76 0.00	29.90 -2.67 0.00	30.16 -2.84 0.02	30.61 -3.29 0.02	33.36 -3.93 0.12	37.83 -4.65 0.58	42.23 -4.18 0.00	43.97 -4.19 0.00	36.58 -3.71 0.02	31.72 -3.25 0.02	28.75 -1.87 0.00	24.96 -0.46 0.00
NGRID_A4_DSASP 323807	22.17 -1.75 0.00	21.21 -1.35 0.00	20.48 -1.19 0.00	19.26 -1.54 0.00	19.79 -1.38 0.00	24.07 -0.90 0.00	30.17 -1.52 0.00	35.77 -2.69 0.00	35.26 -3.53 0.00	31.25 -3.02 0.00	29.77 -2.87 0.00	29.51 -2.81 0.00	29.34 -2.76 0.00	29.90 -2.67 0.00	30.16 -2.84 0.02	30.61 -3.29 0.02	33.36 -3.93 0.12	37.83 -4.65 0.58	42.23 -4.18 0.00	43.97 -4.19 0.00	36.58 -3.71 0.02	31.72 -3.25 0.02	28.75 -1.87 0.00	24.96 -0.46 0.00
NIAGARA_115E_LBMP 323715	22.05 -1.87 0.00	21.07 -1.49 0.00	20.37 -1.30 0.00	19.14 -1.66 0.00	19.67 -1.50 0.00	23.97 -1.00 0.00	30.05 -1.65 0.00	35.66 -2.81 0.00	35.14 -3.65 0.00	31.15 -3.12 0.00	29.64 -3.00 0.00	29.38 -2.94 0.00	29.18 -2.92 0.00	29.73 -2.83 0.00	30.03 -2.97 0.02	30.50 -3.39 0.02	33.30 -3.97 0.14	38.26 -4.22 0.58	42.14 -4.27 0.00	43.87 -4.29 0.00	36.46 -3.83 0.02	31.61 -3.36 0.02	28.63 -1.99 0.00	24.86 -0.56 0.00
NIAGARA_115W_LBMP 323714	22.13 -1.79 0.00	21.16 -1.40 0.00	20.44 -1.23 0.00	19.24 -1.56 0.00	19.75 -1.42 0.00	24.02 -0.95 0.00	30.11 -1.58 0.00	35.69 -2.77 0.00	35.18 -3.61 0.00	31.18 -3.08 0.00	29.71 -2.94 0.00	29.44 -2.88 0.00	29.28 -2.83 0.00	29.83 -2.74 0.00	30.09 -2.91 0.02	30.54 -3.36 0.02	33.28 -4.00 0.12	37.75 -4.74 0.58	42.19 -4.22 0.00	43.92 -4.24 0.00	36.50 -3.79 0.02	31.65 -3.33 0.02	28.69 -1.93 0.00	24.91 -0.51 0.00
NIAGARA_230_LBMP 323716	22.34 -1.58 0.00	21.34 -1.22 0.00	20.61 -1.06 0.00	19.39 -1.42 0.00	19.92 -1.25 0.00	24.24 -0.72 0.00	30.39 -1.30 0.00	36.04 -2.42 0.00	35.53 -3.26 0.00	31.52 -2.74 0.00	30.00 -2.64 0.00	29.73 -2.59 0.00	29.57 -2.54 0.00	30.09 -2.48 0.00	30.39 -2.61 0.02	30.88 -3.02 0.02	33.69 -3.59 0.12	38.32 -4.18 0.56	42.65 -3.76 0.00	44.40 -3.76 0.00	36.90 -3.39 0.02	32.00 -2.97 0.02	28.96 -1.65 0.00	25.12 -0.30 0.00
NIAGARA__115KV_198_GIBSON 55903	22.13 -1.79 0.00	21.21 -1.35 0.00	20.42 -1.26 0.00	19.24 -1.56 0.00	19.86 -1.31 0.00	24.04 -0.92 0.00	30.11 -1.58 0.00	35.85 -2.62 0.00	35.26 -3.53 0.00	31.22 -3.05 0.00	29.77 -2.87 0.00	29.44 -2.88 0.00	29.28 -2.83 0.00	29.67 -2.90 0.00	30.09 -2.91 0.02	30.54 -3.36 0.02	33.28 -4.00 0.12	37.75 -4.74 0.58	42.14 -4.27 0.00	43.92 -4.24 0.00	36.54 -3.75 0.02	31.68 -3.29 0.02	28.69 -1.93 0.00	24.79 -0.64 0.00
NIAGARA____ 23760	22.34 -1.58 0.00	21.34 -1.22 0.00	20.61 -1.06 0.00	19.39 -1.42 0.00	19.92 -1.25 0.00	24.24 -0.72 0.00	30.39 -1.30 0.00	36.04 -2.42 0.00	35.53 -3.26 0.00	31.52 -2.74 0.00	30.00 -2.64 0.00	29.73 -2.59 0.00	29.57 -2.54 0.00	30.09 -2.48 0.00	30.39 -2.61 0.02	30.88 -3.02 0.02	33.69 -3.59 0.12	38.32 -4.18 0.57	42.65 -3.76 0.00	44.40 -3.76 0.00	36.90 -3.39 0.02	32.00 -2.97 0.02	28.96 -1.65 0.00	25.12 -0.30 0.00
NINE_MILE_1 23575	23.23 -0.69 0.00	21.93 -0.63 0.00	21.11 -0.56 0.00	20.24 -0.56 0.00	20.58 -0.59 0.00	24.37 -0.60 0.00	30.81 -0.89 0.00	37.00 -1.15 0.31	35.48 -1.28 2.03	31.08 -1.13 2.06	31.57 -1.08 0.00	31.25 -1.07 0.00	31.04 -1.06 0.00	31.52 -1.04 0.00	31.93 -1.09 0.00	31.08 -1.15 1.68	35.80 -1.31 0.29	40.59 -1.55 0.92	42.94 -1.44 2.04	43.16 -1.44 3.55	37.79 -1.29 1.23	32.75 -1.15 1.09	29.70 -0.92 0.00	24.74 -0.69 0.00
NINE_MILE_2 23744	23.23 -0.69 0.00	21.93 -0.63 0.00	21.11 -0.56 0.00	20.24 -0.56 0.00	20.58 -0.59 0.00	24.37 -0.60 0.00	30.81 -0.89 0.00	36.99 -1.15 0.32	35.44 -1.28 2.06	31.04 -1.13 2.09	31.57 -1.08 0.00	31.25 -1.07 0.00	31.04 -1.06 0.00	31.52 -1.04 0.00	31.93 -1.09 0.00	31.05 -1.15 1.71	35.79 -1.31 0.30	40.57 -1.55 0.94	42.90 -1.44 2.07	43.11 -1.44 3.60	37.77 -1.29 1.25	32.77 -1.12 1.10	29.70 -0.92 0.00	24.74 -0.69 0.00
NM_CAPITAL__DRP 24208	24.73 0.81 0.00	23.28 0.72 0.00	22.32 0.65 0.00	21.43 0.62 0.00	21.76 0.59 0.00	25.62 0.65 0.00	32.46 0.76 0.00	41.57 1.08 -2.03	43.65 1.09 -3.77	42.27 1.03 -6.97	39.81 1.01 -6.16	39.34 1.03 -5.98	38.77 1.03 -5.64	37.49 1.01 -3.92	37.37 1.06 -3.29	38.47 1.12 -3.43	45.72 1.20 -7.12	56.81 1.46 -12.29	60.27 1.67 -12.19	54.53 1.73 -4.64	45.47 1.33 -3.83	39.65 1.22 -3.43	31.55 0.92 -0.01	26.03 0.61 0.00



NM_CENTRAL___DRP 24181	23.63 -0.29 0.00	22.34 -0.23 0.00	21.48 -0.20 0.00	20.57 -0.23 0.00	20.96 -0.21 0.00	24.82 -0.15 0.00	31.47 -0.22 0.00	38.19 -0.31 -0.03	38.52 -0.47 -0.20	34.06 -0.41 -0.21	32.22 -0.42 0.00	31.93 -0.39 0.00	31.72 -0.39 0.00	32.17 -0.39 0.00	32.62 -0.40 0.00	33.65 -0.44 -0.17	36.91 -0.52 -0.03	42.46 -0.69 -0.09	46.15 -0.46 -0.20	48.08 -0.43 -0.36	39.95 -0.48 -0.12	34.69 -0.42 -0.11	30.31 -0.31 0.00	25.22 -0.20 0.00
NM_FRONTIER___DRP 24179	22.13 -1.79 0.00	21.21 -1.35 0.00	20.42 -1.26 0.00	19.24 -1.56 0.00	19.86 -1.31 0.00	24.04 -0.92 0.00	30.11 -1.58 0.00	35.85 -2.62 0.00	35.26 -3.53 0.00	31.22 -3.05 0.00	29.77 -2.87 0.00	29.44 -2.88 0.00	29.28 -2.83 0.00	29.67 -2.90 0.00	30.09 -2.91 0.02	30.54 -3.36 0.02	33.28 -4.00 0.12	37.75 -4.74 0.58	42.14 -4.27 0.00	43.92 -4.24 0.00	36.54 -3.75 0.02	31.68 -3.29 0.02	28.69 -1.93 0.00	24.79 -0.64 0.00
NM_ST_REGIS___HYD 24053	23.13 -0.79 0.00	21.91 -0.65 0.00	21.07 -0.61 0.00	20.36 -0.44 0.00	20.75 -0.42 0.00	24.57 -0.40 0.00	31.54 -0.16 0.00	38.24 -0.23 -0.01	38.69 -0.16 -0.06	33.99 -0.34 -0.06	32.02 -0.62 0.00	31.54 -0.78 0.00	31.14 -0.96 0.00	31.62 -0.94 0.00	31.73 -1.29 0.00	32.64 -1.32 -0.05	36.18 -1.23 -0.01	42.14 -0.95 -0.03	45.08 -1.39 -0.06	46.77 -1.49 -0.11	39.42 -0.93 -0.04	34.12 -0.91 -0.03	29.82 -0.80 0.00	24.94 -0.48 0.00
NORTHPORT___1 23551	31.55 2.20 -5.43	24.55 1.99 0.00	23.49 1.82 0.00	22.51 1.71 0.00	22.93 1.76 0.00	26.86 1.90 0.00	34.47 2.50 -0.28	41.21 2.58 -0.17	41.35 2.56 0.00	36.63 2.36 0.00	36.61 2.71 -1.26	36.78 2.75 -1.72	35.98 2.83 -1.05	36.10 2.87 -0.67	36.11 2.94 -0.15	37.13 2.99 -0.23	40.70 3.29 -0.01	48.68 3.70 -1.92	55.17 3.99 -4.77	52.34 4.19 0.00	43.53 3.23 0.00	39.36 2.87 -1.49	33.10 2.48 0.00	30.77 2.01 -3.34
NORTHPORT___2 23552	31.55 2.20 -5.43	24.55 1.99 0.00	23.49 1.82 0.00	22.51 1.71 0.00	22.93 1.76 0.00	26.86 1.90 0.00	34.47 2.50 -0.28	41.21 2.58 -0.17	41.35 2.56 0.00	36.63 2.36 0.00	36.61 2.71 -1.26	36.78 2.75 -1.72	35.98 2.83 -1.05	36.10 2.87 -0.67	36.11 2.94 -0.15	37.13 2.99 -0.23	40.70 3.29 -0.01	48.68 3.70 -1.92	55.17 3.99 -4.77	52.34 4.19 0.00	43.53 3.23 0.00	39.36 2.87 -1.49	33.10 2.48 0.00	30.77 2.01 -3.34
NORTHPORT___3 23553	31.43 2.08 -5.43	24.34 1.78 0.00	23.32 1.65 0.00	22.34 1.54 0.00	22.74 1.57 0.00	26.69 1.72 0.00	34.13 2.16 -0.28	40.59 1.96 -0.17	40.80 2.02 0.00	36.22 1.95 0.00	36.25 2.35 -1.26	36.43 2.39 -1.72	35.72 2.57 -1.05	35.81 2.57 -0.67	35.81 2.64 -0.15	36.69 2.55 -0.23	40.10 2.69 -0.01	47.95 2.97 -1.92	54.48 3.30 -4.77	51.58 3.42 0.00	42.89 2.58 0.00	38.87 2.38 -1.49	32.88 2.27 0.00	30.57 1.81 -3.34
NORTHPORT___4 23650	31.43 2.08 -5.43	24.34 1.78 0.00	23.32 1.65 0.00	22.34 1.54 0.00	22.74 1.57 0.00	26.69 1.72 0.00	34.13 2.16 -0.28	40.59 1.96 -0.17	40.80 2.02 0.00	36.22 1.95 0.00	36.25 2.35 -1.26	36.43 2.39 -1.72	35.72 2.57 -1.05	35.81 2.57 -0.67	35.81 2.64 -0.15	36.69 2.55 -0.23	40.10 2.69 -0.01	47.95 2.97 -1.92	54.48 3.30 -4.77	51.58 3.42 0.00	42.89 2.58 0.00	38.87 2.38 -1.49	32.88 2.27 0.00	30.57 1.81 -3.34
NORTHPORT___IC 23718	31.57 2.22 -5.43	24.41 1.85 0.00	23.43 1.76 0.00	22.36 1.56 0.00	22.76 1.59 0.00	26.84 1.87 0.00	34.50 2.54 -0.27	40.82 2.19 -0.17	41.19 2.40 0.00	36.70 2.43 0.00	36.60 2.71 -1.25	36.78 2.75 -1.71	36.00 2.86 -1.04	36.13 2.90 -0.67	36.13 2.97 -0.14	37.12 2.98 -0.22	40.65 3.25 0.00	48.68 3.70 -1.91	55.21 4.04 -4.76	52.25 4.09 0.00	43.45 3.14 0.00	39.39 2.90 -1.49	33.10 2.48 0.00	30.79 2.03 -3.33
NORTH___COUNTRY_ESR 323785	22.75 -1.17 0.00	21.55 -1.01 0.00	20.83 -0.85 0.00	20.16 -0.64 0.00	20.62 -0.55 0.00	24.47 -0.50 0.00	31.70 0.00 0.00	38.62 0.15 0.00	38.94 0.16 0.00	34.13 -0.14 0.00	32.15 -0.49 0.00	31.71 -0.62 0.00	31.24 -0.87 0.00	31.75 -0.81 0.00	31.96 -1.06 0.00	32.83 -1.09 0.00	36.58 -0.82 0.00	42.71 -0.35 0.00	45.67 -0.74 0.00	47.24 -0.92 0.00	39.91 -0.40 0.00	34.40 -0.60 0.00	30.07 -0.55 0.00	25.04 -0.38 0.00
NPX_GEN_1385_PROXY 323591	31.65 2.30 -5.43	25.02 2.46 0.00	23.99 2.32 0.00	23.03 2.23 0.00	23.46 2.29 0.00	27.29 2.32 0.00	39.90 3.46 -4.75	46.26 3.69 -4.10	46.88 3.69 -4.41	42.98 3.36 -5.35	41.81 3.66 -5.51	40.88 3.65 -4.91	39.88 3.75 -4.02	37.95 3.81 -1.58	38.90 3.86 -2.02	43.00 3.93 -5.15	49.88 4.37 -8.11	59.88 4.95 -11.87	65.53 5.06 -14.06	61.37 5.58 -7.63	49.99 4.35 -5.33	41.84 3.88 -2.96	33.83 3.21 0.00	31.28 2.52 -3.34
NPX_GEN_CSC 323557	32.06 2.70 -5.43	24.82 2.26 0.00	23.77 2.10 0.00	22.76 1.95 0.00	23.16 1.99 0.00	27.19 2.22 0.00	34.95 2.98 -0.28	41.86 3.23 -0.17	41.89 3.10 0.00	36.97 2.71 0.00	36.87 2.97 -1.26	36.98 2.94 -1.72	36.08 2.92 -1.05	36.20 2.96 -0.67	36.31 3.14 -0.15	37.61 3.46 -0.23	41.56 4.15 -0.01	49.77 4.78 -1.93	56.34 5.15 -4.78	53.45 5.30 0.00	44.39 4.07 -0.01	39.95 3.47 -1.49	33.22 2.60 0.00	31.00 2.24 -3.34
NSINS_S___GLNS_FALLS 23858	25.64 1.72 0.00	24.23 1.67 0.00	23.15 1.47 0.00	22.19 1.39 0.00	22.52 1.35 0.00	26.64 1.67 0.00	33.95 2.25 0.00	43.11 2.85 -1.80	44.86 2.75 -3.32	42.76 2.36 -6.13	40.18 2.12 -5.41	39.65 2.07 -5.26	39.15 2.09 -4.96	37.99 1.99 -3.44	38.06 2.15 -2.89	39.21 2.27 -3.02	46.05 2.39 -6.26	57.17 3.32 -10.80	61.03 3.90 -10.72	56.28 4.05 -4.08	46.82 3.14 -3.36	40.78 2.76 -3.02	32.80 2.17 -0.01	27.15 1.73 0.00
NUCOR_STEEL___DRP 24197	23.85 -0.07 0.00	22.54 -0.02 0.00	21.67 0.00 0.00	20.74 -0.06 0.00	21.15 -0.02 0.00	25.09 0.12 0.00	31.79 0.10 0.00	38.57 0.04 -0.06	39.00 -0.19 -0.40	34.51 -0.17 -0.41	32.48 -0.16 0.00	32.16 -0.16 0.00	31.94 -0.16 0.00	32.43 -0.13 0.00	32.85 -0.17 0.01	34.04 -0.20 -0.33	37.16 -0.26 -0.02	42.68 -0.39 -0.01	46.77 -0.05 -0.41	48.82 -0.05 -0.71	40.39 -0.16 -0.24	35.07 -0.14 -0.21	30.56 -0.06 0.00	25.45 0.03 0.00
NUMBER_THREE_WT_PWR 323818	23.66 -0.26 0.00	22.34 -0.23 0.00	21.41 -0.26 0.00	20.70 -0.10 0.00	21.13 -0.04 0.00	25.04 0.08 0.00	32.08 0.38 0.00	38.99 0.50 -0.02	39.21 0.27 -0.15	34.66 0.24 -0.15	32.68 0.03 0.00	32.29 -0.03 0.00	31.97 -0.13 0.00	32.40 -0.16 0.00	32.72 -0.30 0.00	33.77 -0.27 -0.12	36.97 -0.45 -0.02	42.78 -0.35 -0.07	46.42 -0.14 -0.15	48.66 0.24 -0.26	40.60 0.20 -0.09	35.18 0.11 -0.08	30.59 -0.03 0.00	25.47 0.05 0.00
NYISO_LBMP_REFERENCE 24008	23.92 0.00 0.00	22.56 0.00 0.00	21.67 0.00 0.00	20.80 0.00 0.00	21.17 0.00 0.00	24.97 0.00 0.00	31.70 0.00 0.00	38.46 0.00 0.00	38.79 0.00 0.00	34.27 0.00 0.00	32.64 0.00 0.00	32.32 0.00 0.00	32.10 0.00 0.00	32.56 0.00 0.00	33.02 0.00 0.00	33.92 0.00 0.00	37.40 0.00 0.00	43.06 0.00 0.00	46.41 0.00 0.00	48.16 0.00 0.00	40.31 0.00 0.00	35.00 0.00 0.00	30.62 0.00 0.00	25.42 0.00 0.00



NYPA_BRENTWD____GT 24164	31.82	24.73	23.69	22.69	23.10	27.11	34.82	41.71	41.81	37.01	36.97	37.14	36.30	36.43	36.44	37.54	41.26	49.33	55.92	53.07	44.10	39.85	33.34	31.00
	2.46	2.17	2.02	1.89	1.93	2.15	2.85	3.08	3.03	2.74	3.07	3.10	3.15	3.19	3.27	3.39	3.85	4.35	4.74	4.91	3.79	3.36	2.72	2.24
	-5.43	0.00	0.00	0.00	0.00	0.00	-0.28	-0.17	0.00	0.00	-1.26	-1.72	-1.05	-0.67	-0.15	-0.23	-0.01	-1.92	-4.77	0.00	0.00	-1.49	0.00	-3.34
NYPA_GOWANUS____GT5 24156	25.94	24.26	23.20	22.22	22.64	26.55	33.79	41.06	41.35	36.53	35.06	34.84	34.67	35.20	35.73	36.66	40.39	46.29	49.98	51.86	42.97	37.59	32.80	27.16
	2.01	1.69	1.52	1.42	1.46	1.57	2.09	2.42	2.56	2.26	2.42	2.52	2.57	2.64	2.71	2.75	2.99	3.23	3.57	3.71	2.66	2.59	2.17	1.73
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA_GOWANUS____GT6 24157	25.94	24.26	23.20	22.22	22.64	26.55	33.79	41.06	41.35	36.53	35.06	34.84	34.67	35.20	35.73	36.66	40.39	46.29	49.98	51.86	42.97	37.59	32.80	27.16
	2.01	1.69	1.52	1.42	1.46	1.57	2.09	2.42	2.56	2.26	2.42	2.52	2.57	2.64	2.71	2.75	2.99	3.23	3.57	3.71	2.66	2.59	2.17	1.73
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA_HARLEM__RVR__GT1 24160	25.75	24.15	23.13	22.16	22.55	26.42	33.73	40.86	41.10	36.35	34.92	34.67	34.50	35.00	35.52	36.45	40.16	45.98	49.60	51.47	42.68	37.38	32.59	26.96
	1.82	1.58	1.45	1.35	1.38	1.45	2.03	2.23	2.33	2.09	2.28	2.36	2.41	2.44	2.51	2.55	2.77	2.93	3.20	3.32	2.38	2.38	1.96	1.53
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01	-0.01
NYPA_HARLEM__RVR__GT2 24161	25.75	24.15	23.13	22.16	22.55	26.42	33.73	40.86	41.10	36.35	34.92	34.67	34.50	35.00	35.52	36.45	40.16	45.98	49.60	51.47	42.68	37.38	32.59	26.96
	1.82	1.58	1.45	1.35	1.38	1.45	2.03	2.23	2.33	2.09	2.28	2.36	2.41	2.44	2.51	2.55	2.77	2.93	3.20	3.32	2.38	2.38	1.96	1.53
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01	-0.01
NYPA_KENT____GT 24152	25.91	24.24	23.20	22.22	22.64	26.55	33.79	41.06	41.31	36.53	35.06	34.84	34.67	35.17	35.69	36.63	40.39	46.25	49.93	51.81	42.97	37.59	32.77	27.13
	1.98	1.67	1.52	1.42	1.46	1.57	2.09	2.42	2.52	2.26	2.42	2.52	2.57	2.61	2.67	2.71	2.99	3.19	3.53	3.66	2.66	2.59	2.14	1.70
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA_POUCH1____GT 24155	25.86	24.24	23.17	22.20	22.62	26.52	33.66	40.82	41.10	35.57	34.89	34.64	34.50	35.00	35.52	36.45	40.20	46.07	49.74	51.62	42.76	37.40	32.74	27.11
	1.94	1.67	1.49	1.39	1.44	1.55	1.97	2.19	2.33	2.09	2.25	2.33	2.41	2.44	2.51	2.55	2.81	3.01	3.34	3.47	2.46	2.41	2.11	1.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.16	0.01	0.79	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01	-0.01
NYPA_VERNON____GT2 24162	25.91	24.24	23.17	22.22	22.62	26.55	33.79	41.06	41.31	36.53	35.06	34.81	34.67	35.17	35.69	36.63	40.35	46.25	49.93	51.77	42.97	37.55	32.77	27.11
	1.98	1.67	1.49	1.42	1.44	1.57	2.09	2.42	2.52	2.26	2.42	2.49	2.57	2.61	2.67	2.71	2.95	3.19	3.53	3.61	2.66	2.55	2.14	1.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA_VERNON____GT3 24163	25.91	24.24	23.17	22.22	22.62	26.55	33.79	41.06	41.31	36.53	35.06	34.81	34.67	35.17	35.69	36.63	40.35	46.25	49.93	51.77	42.97	37.55	32.77	27.11
	1.98	1.67	1.49	1.42	1.44	1.57	2.09	2.42	2.52	2.26	2.42	2.49	2.57	2.61	2.67	2.71	2.95	3.19	3.53	3.61	2.66	2.55	2.14	1.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA__ASTORIA_CC1 323568	25.89	24.24	23.17	22.22	22.62	26.52	33.79	40.94	41.23	36.49	35.02	34.78	34.64	35.14	35.63	36.56	40.32	46.16	49.84	51.67	42.89	37.52	32.74	27.11
	1.96	1.67	1.49	1.42	1.44	1.55	2.09	2.31	2.44	2.23	2.38	2.46	2.54	2.57	2.61	2.65	2.92	3.10	3.43	3.51	2.58	2.52	2.11	1.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA__ASTORIA_CC2 323569	25.89	24.24	23.17	22.22	22.62	26.52	33.79	40.94	41.23	36.49	35.02	34.78	34.64	35.14	35.63	36.56	40.32	46.16	49.84	51.67	42.89	37.52	32.74	27.11
	1.96	1.67	1.49	1.42	1.44	1.55	2.09	2.31	2.44	2.23	2.38	2.46	2.54	2.57	2.61	2.65	2.92	3.10	3.43	3.51	2.58	2.52	2.11	1.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA__HOLTSVILL 23794	31.77	24.64	23.60	22.59	23.01	26.99	34.66	41.52	41.54	36.77	36.71	36.85	36.01	36.14	36.17	37.30	41.00	49.02	55.53	52.68	43.85	39.60	33.10	30.87
	2.41	2.07	1.93	1.79	1.84	2.02	2.69	2.89	2.75	2.50	2.81	2.81	2.86	2.90	3.00	3.15	3.59	4.05	4.36	4.53	3.55	3.11	2.48	2.11
	-5.43	0.00	0.00	0.00	0.00	0.00	-0.28	-0.17	0.00	0.00	-1.26	-1.72	-1.05	-0.67	-0.15	-0.23	-0.01	-1.91	-4.76	0.00	0.01	-1.49	0.00	-3.34
NYPA__HELLGATE_GT1 24158	25.75	24.15	23.13	22.16	22.55	26.42	33.73	40.86	41.10	36.35	34.92	34.67	34.50	35.00	35.52	36.45	40.16	45.98	49.60	51.47	42.68	37.38	32.59	26.96
	1.82	1.58	1.45	1.35	1.38	1.45	2.03	2.23	2.33	2.09	2.28	2.36	2.41	2.44	2.51	2.55	2.77	2.93	3.20	3.32	2.38	2.38	1.96	1.53
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01	-0.01
NYPA__HELLGATE_GT2 24159	25.75	24.15	23.13	22.16	22.55	26.42	33.73	40.86	41.10	36.35	34.92	34.67	34.50	35.00	35.52	36.45	40.16	45.98	49.60	51.47	42.68	37.38	32.59	26.96
	1.82	1.58	1.45	1.35	1.38	1.45	2.03	2.23	2.33	2.09	2.28	2.36	2.41	2.44	2.51	2.55	2.77	2.93	3.20	3.32	2.38	2.38	1.96	1.53
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	-0.01	-0.01
NYS_BARGE__HYD 23848	22.44	21.44	20.72	19.47	20.03	24.37	30.62	36.42	35.84	31.73	30.19	29.93	29.73	30.32	30.59	31.11	33.99	38.92	43.02	44.78	37.18	32.21	29.15	25.27
	-1.48	-1.13	-0.95	-1.33	-1.14	-0.60	-1.08	-2.04	-2.95	-2.54	-2.45	-2.39	-2.38	-2.25	-2.41	-2.78	-3.29	-3.57	-3.39	-3.37	-3.10	-2.77	-1.47	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.12	0.56	0.00	0.00	0.02	0.02	0.00	0.00



OAK ORCHARD___HYD 24046	23.30 -0.62 0.00	22.13 -0.43 0.00	21.32 -0.35 0.00	20.22 -0.58 0.00	20.70 -0.47 0.00	24.92 -0.05 0.00	31.51 -0.19 0.00	37.93 -0.54 0.00	37.66 -1.13 0.00	33.27 -0.99 0.00	31.63 -1.01 0.00	31.35 -0.97 0.00	31.17 -0.93 0.00	31.69 -0.88 0.00	32.04 -0.96 0.02	32.68 -1.22 0.02	35.59 -1.72 0.09	40.73 -1.89 0.43	45.25 -1.16 0.00	47.10 -1.06 0.00	39.16 -1.13 0.02	33.89 -1.09 0.02	30.16 -0.46 0.00	25.58 0.15 0.00
OAKDALE___35_KV_LOAD 356122	23.97 0.05 0.00	22.68 0.11 0.00	21.78 0.11 0.00	20.80 0.00 0.00	21.23 0.06 0.00	25.17 0.20 0.00	31.92 0.22 0.00	38.72 0.23 -0.02	39.12 0.19 -0.14	34.58 0.17 -0.14	32.81 0.16 0.00	32.48 0.16 0.00	32.30 0.19 0.00	32.76 0.20 0.00	33.23 0.20 -0.01	34.28 0.24 -0.12	37.77 0.30 -0.07	43.62 0.26 -0.30	47.01 0.46 -0.14	48.88 0.48 -0.24	40.68 0.28 -0.09	35.32 0.24 -0.08	30.89 0.28 0.00	25.78 0.36 0.00
OCC_CHEM___DRP 24175	22.17 -1.75 0.00	21.25 -1.31 0.00	20.44 -1.24 0.00	19.28 -1.52 0.00	19.90 -1.27 0.00	24.09 -0.87 0.00	30.17 -1.52 0.00	35.96 -2.50 0.00	35.33 -3.45 0.00	31.25 -3.02 0.00	29.80 -2.84 0.00	29.51 -2.81 0.00	29.34 -2.76 0.00	29.73 -2.83 0.00	30.16 -2.84 0.02	30.60 -3.29 0.02	33.36 -3.93 0.12	37.83 -4.65 0.58	42.23 -4.18 0.00	44.01 -4.14 0.00	36.62 -3.67 0.02	31.75 -3.22 0.02	28.75 -1.87 0.00	24.84 -0.58 0.00
OH_GEN_PROXY 24063	22.39 -1.53 0.00	21.39 -1.17 0.00	20.65 -1.02 0.00	19.41 -1.39 0.00	19.94 -1.23 0.00	16.18 -0.70 8.09	27.79 -1.24 2.67	33.33 -2.35 2.79	30.22 -3.14 5.43	30.70 -2.67 0.89	29.05 -2.58 1.01	29.80 -2.52 0.00	29.63 -2.47 0.00	30.16 -2.41 0.00	30.46 -2.54 0.02	30.98 -2.92 0.02	33.85 -3.44 0.11	38.50 -4.00 0.56	42.79 -3.62 0.00	44.54 -3.61 0.00	37.02 -3.26 0.02	32.11 -2.87 0.02	28.99 -1.62 0.00	25.12 -0.30 0.00
OLIN_CORP_DRP 24177	22.10 -1.82 0.00	21.16 -1.40 0.00	20.37 -1.30 0.00	19.18 -1.62 0.00	19.79 -1.38 0.00	24.04 -0.92 0.00	30.14 -1.55 0.00	35.93 -2.54 0.00	35.30 -3.49 0.00	31.22 -3.05 0.00	29.77 -2.87 0.00	29.44 -2.88 0.00	29.28 -2.83 0.00	29.67 -2.90 0.00	30.09 -2.91 0.02	30.60 -3.29 0.02	33.37 -3.89 0.14	38.25 -4.22 0.59	42.23 -4.18 0.00	44.01 -4.14 0.00	36.58 -3.71 0.02	31.72 -3.25 0.02	28.69 -1.93 0.00	24.79 -0.64 0.00
OLIN_CORP_DSASP 323712	22.17 -1.75 0.00	21.21 -1.35 0.00	20.48 -1.19 0.00	19.26 -1.54 0.00	19.79 -1.38 0.00	24.07 -0.90 0.00	30.17 -1.52 0.00	35.77 -2.69 0.00	35.26 -3.53 0.00	31.25 -3.02 0.00	29.77 -2.87 0.00	29.51 -2.81 0.00	29.34 -2.76 0.00	29.90 -2.67 0.00	30.16 -2.84 0.02	30.61 -3.29 0.02	33.36 -3.93 0.12	37.83 -4.65 0.58	42.23 -4.18 0.00	43.97 -4.19 0.00	36.58 -3.71 0.02	31.72 -3.25 0.02	28.75 -1.87 0.00	24.96 -0.46 0.00
ONEIDA_HERK_LFGE 323681	24.09 0.17 0.00	22.74 0.18 0.00	21.82 0.15 0.00	21.01 0.21 0.00	21.40 0.23 0.00	25.32 0.35 0.00	32.33 0.63 0.00	39.29 0.81 -0.01	39.57 0.70 -0.08	35.00 0.65 -0.08	33.13 0.49 0.00	32.74 0.42 0.00	32.49 0.39 0.00	32.96 0.39 0.00	33.35 0.33 0.00	34.36 0.37 -0.07	37.75 0.34 -0.01	43.53 0.43 -0.04	47.19 0.70 -0.08	49.21 0.91 -0.14	41.09 0.73 -0.05	35.60 0.56 -0.04	30.99 0.37 0.00	25.78 0.36 0.00
ONEIDA___115KV_TB4 55905	24.35 0.43 0.00	22.99 0.43 0.00	22.06 0.39 0.00	21.20 0.40 0.00	21.57 0.40 0.00	25.54 0.57 0.00	32.55 0.86 0.00	39.60 1.12 -0.02	39.83 0.93 -0.11	35.24 0.86 -0.11	33.36 0.72 0.00	33.00 0.68 0.00	32.78 0.67 0.00	33.25 0.68 0.00	33.68 0.66 0.00	34.72 0.71 -0.09	38.16 0.75 -0.02	43.93 0.82 -0.05	47.68 1.16 -0.11	49.65 1.30 -0.19	41.39 1.01 -0.07	35.86 0.80 -0.06	31.23 0.61 0.00	26.01 0.58 0.00
ONONDAGA_REF_OCCRA 23987	23.73 -0.19 0.00	22.43 -0.14 0.00	21.54 -0.13 0.00	20.63 -0.17 0.00	21.02 -0.15 0.00	24.89 -0.07 0.00	31.60 -0.10 0.00	38.35 -0.15 -0.04	38.72 -0.31 -0.24	34.24 -0.27 -0.25	32.38 -0.26 0.00	32.06 -0.26 0.00	31.85 -0.26 0.00	32.30 -0.26 0.00	32.76 -0.26 -0.01	33.82 -0.31 -0.21	37.13 -0.34 -0.06	42.84 -0.47 -0.25	46.47 -0.19 -0.24	48.39 -0.19 -0.43	40.22 -0.24 -0.15	34.89 -0.24 -0.14	30.43 -0.18 0.00	25.32 -0.10 0.00
ONONDAGA___COGEN 23986	23.73 -0.19 0.00	22.43 -0.14 0.00	21.54 -0.13 0.00	20.66 -0.15 0.00	21.04 -0.13 0.00	24.92 -0.05 0.00	31.60 -0.10 0.00	38.37 -0.15 -0.06	38.82 -0.35 -0.38	34.35 -0.31 -0.39	32.35 -0.29 0.00	32.03 -0.29 0.00	31.81 -0.29 0.00	32.27 -0.29 0.00	32.72 -0.30 0.00	33.90 -0.34 -0.32	37.04 -0.41 -0.06	42.67 -0.56 -0.17	46.51 -0.28 -0.38	48.54 -0.29 -0.67	40.22 -0.32 -0.23	34.89 -0.31 -0.20	30.40 -0.21 0.00	25.29 -0.13 0.00
ONTARIO___LFGE 23819	23.85 -0.07 0.00	22.61 0.05 0.00	21.76 0.09 0.00	20.72 -0.08 0.00	21.19 0.02 0.00	25.34 0.38 0.00	32.20 0.51 0.00	38.60 0.12 -0.02	38.35 -0.54 -0.11	34.04 -0.34 -0.11	32.22 -0.43 0.00	31.90 -0.42 0.00	31.65 -0.45 0.00	32.14 -0.42 0.00	32.45 -0.53 0.04	33.43 -0.54 -0.06	36.59 -0.64 0.17	41.38 -0.82 0.86	46.34 -0.18 -0.11	48.16 -0.19 -0.19	39.90 -0.44 -0.03	34.67 -0.35 -0.02	30.65 0.03 0.00	25.88 0.46 0.00
ORANGEVILLE_WT_PWR 323706	22.87 -1.05 0.00	21.82 -0.74 0.00	21.07 -0.61 0.00	19.91 -0.89 0.00	20.41 -0.76 0.00	24.69 -0.27 0.00	30.75 -0.95 0.00	36.46 -2.00 0.00	35.80 -2.99 0.00	31.70 -2.57 0.00	30.13 -2.51 0.00	29.80 -2.52 0.00	29.53 -2.57 0.00	30.02 -2.54 0.00	30.34 -2.64 0.03	31.07 -2.81 0.03	34.31 -2.92 0.17	38.84 -3.36 0.86	43.72 -2.69 0.00	45.51 -2.65 0.00	37.74 -2.54 0.03	32.69 -2.27 0.03	29.49 -1.13 0.00	25.50 0.08 0.00
ORANGEVILLE___ESR 323794	22.87 -1.05 0.00	21.82 -0.74 0.00	21.07 -0.61 0.00	19.91 -0.89 0.00	20.41 -0.76 0.00	24.69 -0.27 0.00	30.75 -0.95 0.00	36.46 -2.00 0.00	35.80 -2.99 0.00	31.70 -2.57 0.00	30.13 -2.51 0.00	29.80 -2.52 0.00	29.53 -2.57 0.00	30.02 -2.54 0.00	30.34 -2.64 0.03	31.07 -2.81 0.03	34.31 -2.92 0.17	38.84 -3.36 0.86	43.72 -2.69 0.00	45.51 -2.65 0.00	37.74 -2.54 0.03	32.69 -2.27 0.03	29.49 -1.13 0.00	25.50 0.08 0.00
OSWEGATCHIE___HYD 24044	23.42 -0.50 0.00	22.13 -0.43 0.00	21.26 -0.41 0.00	20.53 -0.27 0.00	20.92 -0.25 0.00	24.77 -0.20 0.00	31.70 0.00 0.00	38.44 -0.04 -0.02	38.76 -0.15 -0.13	34.19 -0.20 -0.13	32.25 -0.39 0.00	31.80 -0.52 0.00	31.46 -0.64 0.00	31.88 -0.69 0.00	32.09 -0.92 0.00	33.11 -0.91 -0.10	36.45 -0.97 -0.02	42.26 -0.86 -0.06	45.61 -0.93 -0.13	47.56 -0.82 -0.22	39.86 -0.53 -0.08	34.54 -0.52 -0.07	30.10 -0.52 0.00	25.14 -0.28 0.00
OSWEGO___5 23606	23.39 -0.53 0.00	22.09 -0.47 0.00	21.24 -0.43 0.00	20.36 -0.44 0.00	20.72 -0.45 0.00	24.52 -0.45 0.00	31.06 -0.63 0.00	37.85 -0.85 -0.24	39.33 -0.97 -1.52	34.95 -0.86 -1.54	31.79 -0.85 0.00	31.51 -0.81 0.00	31.30 -0.80 0.00	31.75 -0.81 0.00	32.20 -0.82 0.00	34.29 -0.88 -1.26	36.61 -1.01 -0.22	42.54 -1.21 -0.69	46.86 -1.07 -1.52	49.70 -1.11 -2.65	40.26 -0.97 -0.92	34.94 -0.87 -0.81	29.94 -0.67 0.00	24.94 -0.48 0.00



OSWEGO___6 23613	23.39 -0.53 0.00	22.09 -0.47 0.00	21.24 -0.43 0.00	20.36 -0.44 0.00	20.72 -0.45 0.00	24.52 -0.45 0.00	31.06 -0.63 0.00	37.85 -0.85 -0.24	39.33 -0.97 -1.52	34.95 -0.86 -1.54	31.79 -0.85 0.00	31.51 -0.81 0.00	31.30 -0.80 0.00	31.75 -0.81 0.00	32.20 -0.82 0.00	34.29 -0.88 -1.26	36.61 -1.01 -0.22	42.54 -1.21 -0.69	46.86 -1.07 -1.52	49.70 -1.11 -2.65	40.26 -0.97 -0.92	34.94 -0.87 -0.81	29.94 -0.67 0.00	24.94 -0.48 0.00
OUTOKUMPU-AB___DRP 24206	22.63 -1.29 0.00	21.68 -0.88 0.00	20.87 -0.80 0.00	19.68 -1.12 0.00	20.32 -0.85 0.00	24.59 -0.37 0.00	30.93 -0.76 0.00	36.96 -1.50 0.00	36.26 -2.52 0.00	32.07 -2.19 0.00	30.59 -2.06 0.00	30.22 -2.10 0.00	30.02 -2.09 0.00	30.48 -2.08 0.00	30.92 -2.08 0.02	31.49 -2.41 0.02	34.40 -2.88 0.12	39.11 -3.36 0.60	43.39 -3.02 0.00	45.22 -2.94 0.00	37.55 -2.74 0.02	32.56 -2.41 0.02	29.42 -1.19 0.00	25.42 0.00 0.00
OXBOW___BTM 323836	22.44 -1.48 0.00	21.44 -1.13 0.00	20.74 -0.93 0.00	19.51 -1.29 0.00	20.03 -1.14 0.00	24.37 -0.60 0.00	30.62 -1.08 0.00	36.35 -2.12 0.00	35.80 -2.99 0.00	31.73 -2.54 0.00	30.19 -2.45 0.00	29.93 -2.39 0.00	29.73 -2.38 0.00	30.32 -2.25 0.00	30.59 -2.41 0.02	31.08 -2.81 0.02	33.95 -3.33 0.12	38.56 -3.92 0.59	42.88 -3.53 0.00	44.69 -3.47 0.00	37.10 -3.19 0.02	32.17 -2.80 0.02	29.12 -1.50 0.00	25.30 -0.13 0.00
OXBOW___ 24026	22.44 -1.48 0.00	21.48 -1.08 0.00	20.70 -0.98 0.00	19.51 -1.29 0.00	20.13 -1.04 0.00	24.37 -0.60 0.00	30.62 -1.08 0.00	36.54 -1.92 0.00	35.88 -2.91 0.00	31.73 -2.54 0.00	30.26 -2.38 0.00	29.93 -2.39 0.00	29.73 -2.38 0.00	30.16 -2.41 0.00	30.59 -2.41 0.02	31.11 -2.78 0.02	33.95 -3.33 0.12	38.55 -3.92 0.59	42.88 -3.53 0.00	44.69 -3.47 0.00	37.14 -3.14 0.02	32.21 -2.76 0.02	29.12 -1.50 0.00	25.17 -0.25 0.00
OXY_CHEM_DSASP 323612	22.17 -1.75 0.00	21.25 -1.31 0.00	20.44 -1.24 0.00	19.28 -1.52 0.00	19.90 -1.27 0.00	24.09 -0.87 0.00	30.17 -1.52 0.00	35.96 -2.50 0.00	35.33 -3.45 0.00	31.25 -3.02 0.00	29.80 -2.84 0.00	29.51 -2.81 0.00	29.34 -2.76 0.00	29.73 -2.83 0.00	30.16 -2.84 0.02	30.60 -3.29 0.02	33.36 -3.93 0.12	37.83 -4.65 0.58	42.23 -4.18 0.00	44.01 -4.14 0.00	36.62 -3.67 0.02	31.75 -3.22 0.02	28.75 -1.87 0.00	24.84 -0.58 0.00
OZONE_PARK_ESR 323760	25.98 2.06 0.00	24.28 1.71 0.00	23.19 1.52 0.00	22.26 1.46 0.00	22.61 1.44 0.00	26.56 1.60 0.00	33.91 2.22 0.00	41.25 2.62 -0.17	41.50 2.72 0.00	36.70 2.43 0.00	35.19 2.55 0.00	34.94 2.62 0.00	34.80 2.70 0.00	35.33 2.77 0.00	35.83 2.81 0.00	36.80 2.88 0.00	40.62 3.22 0.00	46.59 3.53 0.00	50.31 3.90 0.00	52.20 4.05 0.00	43.33 3.02 0.00	37.76 2.76 0.00	32.85 2.24 0.00	27.20 1.78 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	22.17 -1.75 0.00	21.25 -1.31 0.00	20.44 -1.24 0.00	19.28 -1.52 0.00	19.90 -1.27 0.00	24.09 -0.87 0.00	30.17 -1.52 0.00	35.96 -2.50 0.00	35.33 -3.45 0.00	31.25 -3.02 0.00	29.80 -2.84 0.00	29.51 -2.81 0.00	29.34 -2.76 0.00	29.73 -2.83 0.00	30.16 -2.84 0.02	30.60 -3.29 0.02	33.36 -3.93 0.12	37.83 -4.65 0.58	42.23 -4.18 0.00	44.01 -4.14 0.00	36.62 -3.67 0.02	31.75 -3.22 0.02	28.75 -1.87 0.00	24.84 -0.58 0.00
PACKARD___115KV_DUPONT_184 80571	22.17 -1.75 0.00	21.25 -1.31 0.00	20.44 -1.24 0.00	19.28 -1.52 0.00	19.90 -1.27 0.00	24.09 -0.87 0.00	30.17 -1.52 0.00	35.96 -2.50 0.00	35.33 -3.45 0.00	31.25 -3.02 0.00	29.80 -2.84 0.00	29.51 -2.81 0.00	29.34 -2.76 0.00	29.73 -2.83 0.00	30.16 -2.84 0.02	30.60 -3.29 0.02	33.36 -3.93 0.12	37.83 -4.65 0.58	42.23 -4.18 0.00	44.01 -4.14 0.00	36.62 -3.67 0.02	31.75 -3.22 0.02	28.75 -1.87 0.00	24.84 -0.58 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	25.79 1.87 -0.01	24.17 1.60 -0.01	23.13 1.45 -0.01	22.18 1.37 -0.01	22.53 1.35 -0.01	26.45 1.47 -0.01	33.72 2.03 0.00	40.79 2.15 -0.17	41.00 2.21 0.00	36.32 2.06 0.00	34.86 2.22 0.00	34.65 2.33 0.00	34.51 2.41 0.00	35.01 2.44 0.00	35.50 2.48 0.00	36.46 2.54 0.00	40.17 2.77 0.00	46.03 2.97 0.00	49.66 3.25 0.00	51.53 3.37 0.00	42.77 2.46 0.00	37.38 2.38 0.00	32.62 1.99 -0.01	27.03 1.60 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	26.01 2.08 -0.01	24.35 1.78 -0.01	23.31 1.63 -0.01	22.35 1.54 -0.01	22.70 1.52 -0.01	26.65 1.67 -0.01	33.98 2.28 0.00	41.06 2.42 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.70 2.60 0.00	35.20 2.64 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.25 3.19 0.00	49.94 3.53 0.00	51.82 3.66 0.00	43.01 2.70 0.00	37.62 2.62 0.00	32.83 2.20 -0.01	27.21 1.78 -0.01
PATROON___115KV_TB1 80586	24.69 0.77 0.00	23.24 0.68 0.00	22.28 0.61 0.00	21.38 0.58 0.00	21.72 0.55 0.00	25.57 0.60 0.00	32.42 0.73 0.00	40.09 1.04 -0.59	40.89 1.05 -1.06	37.22 0.99 -1.96	35.32 0.95 -1.73	34.97 0.97 -1.68	34.65 0.96 -1.59	34.61 0.94 -1.10	34.97 1.02 -0.93	35.97 1.09 -0.96	40.52 1.12 -2.00	47.89 1.38 -3.45	51.51 1.67 -3.43	51.15 1.69 -1.30	42.68 1.29 -1.08	37.15 1.19 -0.96	31.51 0.89 0.00	26.01 0.58 0.00
PATTRSNVILLE___SOLAR 323815	25.12 1.20 0.00	23.69 1.13 0.00	22.69 1.02 0.00	21.78 0.98 0.00	22.12 0.95 0.00	26.06 1.10 0.00	33.25 1.55 0.00	41.52 1.96 -1.10	42.67 1.82 -2.06	39.58 1.51 -3.80	37.27 1.27 -3.36	36.78 1.20 -3.26	36.37 1.19 -3.08	35.87 1.17 -2.14	36.17 1.35 -1.80	37.28 1.49 -1.87	43.01 1.72 -3.88	52.04 2.28 -6.70	55.75 2.69 -6.65	53.48 2.79 -2.53	44.53 2.13 -2.09	38.76 1.89 -1.87	32.15 1.53 0.00	26.62 1.20 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	23.03 -0.89 0.00	22.00 -0.56 0.00	21.20 -0.48 0.00	20.01 -0.79 0.00	20.62 -0.55 0.00	24.92 -0.05 0.00	31.44 -0.25 0.00	37.46 -1.00 0.00	36.65 -2.13 0.00	32.38 -1.88 0.00	30.85 -1.80 0.00	30.45 -1.87 0.00	30.24 -1.86 0.00	30.74 -1.82 0.00	31.18 -1.82 0.03	32.37 -1.53 0.03	36.08 -1.23 0.09	40.90 -1.51 0.66	44.00 -2.41 0.00	45.80 -2.36 0.00	38.03 -2.26 0.03	32.87 -2.10 0.03	29.64 -0.98 0.00	25.70 0.28 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	25.67 1.75 0.00	24.10 1.53 0.00	23.02 1.34 0.00	22.09 1.29 0.00	22.44 1.27 0.00	26.36 1.40 0.00	33.60 1.90 0.00	40.73 2.27 0.00	41.11 2.33 0.00	36.32 2.06 0.00	34.83 2.19 0.00	34.55 2.23 0.00	34.38 2.28 0.00	34.91 2.34 0.00	35.43 2.41 0.00	36.36 2.44 0.00	40.24 2.84 0.00	46.12 3.06 0.00	49.84 3.43 0.00	51.67 3.52 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.55 1.93 0.00	26.95 1.53 0.00
PEEKSKILL___ 23653	25.47 1.55 0.00	23.89 1.33 0.00	22.86 1.19 0.00	21.92 1.12 0.00	22.29 1.12 0.00	26.14 1.17 0.00	33.28 1.58 0.00	40.35 1.88 0.00	40.76 1.98 0.00	36.01 1.75 0.00	34.54 1.89 0.00	34.26 1.94 0.00	34.09 1.99 0.00	34.58 2.02 0.00	35.10 2.08 0.00	36.06 2.14 0.00	39.83 2.43 0.00	45.69 2.63 0.00	49.34 2.93 0.00	51.19 3.04 0.00	42.57 2.26 0.00	37.06 2.06 0.00	32.24 1.62 0.00	26.69 1.27 0.00



PGE MADISON___WINDPWR 24146	25.04 1.12 0.00	23.74 1.17 0.00	22.73 1.06 0.00	21.92 1.12 0.00	22.33 1.16 0.00	26.59 1.62 0.00	34.20 2.50 0.00	41.60 3.11 -0.02	41.59 2.67 -0.13	36.80 2.40 -0.14	34.63 1.99 0.00	34.19 1.87 0.00	33.93 1.83 0.00	34.45 1.89 0.00	34.93 1.85 -0.06	36.09 2.00 -0.17	40.02 2.28 -0.34	47.38 2.71 -1.61	50.07 3.53 -0.13	52.29 3.90 -0.23	43.51 3.06 -0.14	37.61 2.48 -0.13	32.55 1.93 0.00	27.20 1.78 0.00
PIERCEFIELD___HYD 23852	23.20 -0.72 0.00	21.95 -0.61 0.00	21.11 -0.56 0.00	20.39 -0.42 0.00	20.75 -0.42 0.00	24.54 -0.42 0.00	31.41 -0.29 0.00	38.01 -0.46 -0.01	38.46 -0.39 -0.07	33.85 -0.48 -0.07	31.92 -0.72 0.00	31.45 -0.87 0.00	31.08 -1.03 0.00	31.52 -1.04 0.00	31.63 -1.39 0.00	32.55 -1.42 -0.05	36.03 -1.38 -0.01	41.88 -1.21 -0.03	44.81 -1.67 -0.07	46.54 -1.73 -0.12	39.18 -1.17 -0.04	33.95 -1.08 -0.04	29.73 -0.89 0.00	24.89 -0.53 0.00
PINELAWN_CC_1 323563	31.60 2.25 -5.43	24.52 1.96 0.00	23.49 1.82 0.00	22.51 1.71 0.00	22.91 1.74 0.00	26.89 1.92 0.00	34.51 2.54 -0.28	41.36 2.73 -0.17	41.54 2.75 0.00	36.77 2.50 0.00	36.71 2.81 -1.26	36.88 2.84 -1.72	36.04 2.89 -1.05	36.17 2.93 -0.67	36.17 3.00 -0.15	37.26 3.12 -0.23	40.92 3.51 -0.01	48.94 3.96 -1.92	55.54 4.36 -4.77	52.68 4.53 0.00	43.78 3.47 0.00	39.57 3.08 -1.49	33.10 2.48 0.00	30.80 2.03 -3.34
PJM_GEN_HTP_PROXY 323702	25.71 1.79 0.00	24.07 1.51 0.00	23.04 1.37 0.00	22.07 1.27 0.00	22.46 1.29 0.00	26.36 1.40 0.00	33.56 1.87 0.00	40.90 2.27 -0.17	41.19 2.41 0.00	36.36 2.09 0.00	34.89 2.25 0.00	34.62 2.30 0.00	34.48 2.38 0.00	34.97 2.41 0.00	35.50 2.48 0.00	36.43 2.51 0.00	40.21 2.81 0.00	46.12 3.06 0.00	49.80 3.39 0.00	51.67 3.51 0.00	42.93 2.62 0.00	37.41 2.41 0.00	32.55 1.93 0.00	26.92 1.50 0.00
PJM_GEN_KEystone 24065	24.18 0.26 0.00	22.83 0.27 0.00	21.91 0.24 0.00	20.86 0.06 0.00	21.32 0.15 0.00	25.29 0.32 0.00	32.04 0.35 0.00	38.46 0.00 0.00	38.40 -0.39 0.00	33.94 -0.28 0.05	32.48 -0.16 0.00	32.19 -0.13 0.00	32.01 -0.10 0.00	32.50 -0.06 0.00	32.91 -0.10 0.01	33.77 -0.14 0.01	37.43 0.07 0.05	42.76 -0.04 0.26	46.46 0.05 0.00	48.25 0.10 0.00	40.10 -0.20 0.01	34.81 -0.17 0.01	30.74 0.12 0.00	25.93 0.51 0.00
PJM_GEN_NEPTUNE_PROXY 323594	28.80 1.96 -2.92	24.26 1.69 0.00	23.21 1.54 0.00	22.24 1.43 0.00	22.65 1.48 0.00	26.57 1.60 0.00	33.97 2.12 -0.15	40.90 2.27 -0.17	41.11 2.33 0.00	36.43 2.16 0.00	35.77 2.45 -0.68	35.73 2.49 -0.92	35.20 2.54 -0.57	35.50 2.57 -0.36	35.74 2.64 -0.08	36.76 2.71 -0.12	40.44 3.03 -0.01	47.41 3.32 -1.03	52.64 3.67 -2.56	51.96 3.80 0.00	43.21 2.90 0.00	38.43 2.63 -0.80	32.76 2.14 0.00	28.92 1.70 -1.80
PJM_GEN_VFT_PROXY 323633	25.69 1.77 0.00	24.01 1.45 0.00	22.97 1.30 0.00	22.01 1.21 0.00	22.40 1.23 0.00	26.29 1.32 0.00	33.50 1.81 0.00	40.75 2.11 -0.17	41.03 2.25 0.00	35.44 1.95 0.78	34.80 2.15 0.00	34.55 2.23 0.00	34.38 2.28 0.00	34.88 2.31 0.00	35.40 2.38 0.00	36.29 2.37 0.00	40.06 2.66 0.00	45.95 2.89 0.00	49.61 3.20 0.00	51.48 3.32 0.00	42.73 2.42 0.00	37.27 2.27 0.00	32.45 1.84 0.00	26.84 1.42 0.00
PLATSBURG_115KV_PMLD1 355749	22.77 -1.15 0.00	21.61 -0.95 0.00	20.91 -0.76 0.00	20.30 -0.50 0.00	20.79 -0.38 0.00	24.77 -0.20 0.00	32.33 0.63 0.00	39.46 1.00 0.00	39.83 1.05 0.00	34.75 0.48 0.00	32.61 -0.03 0.00	32.16 -0.16 0.00	31.65 -0.45 0.00	32.21 -0.36 0.00	32.36 -0.66 0.00	33.24 -0.68 0.00	37.21 -0.19 0.00	43.62 0.56 0.00	46.60 0.19 0.00	48.06 -0.10 0.00	40.63 0.32 0.00	34.89 -0.10 0.00	30.40 -0.21 0.00	25.37 -0.05 0.00
PLEASANTVLY___LBMP 24000	25.36 1.44 0.00	23.80 1.24 0.00	22.80 1.13 0.00	21.86 1.06 0.00	22.21 1.04 0.00	26.06 1.10 0.00	33.12 1.43 0.00	40.39 1.73 -0.20	40.93 1.78 -0.36	36.58 1.64 -0.67	34.97 1.73 -0.59	34.67 1.78 -0.58	34.47 1.83 -0.54	34.80 1.86 -0.38	35.25 1.92 -0.32	36.21 1.97 -0.33	40.29 2.21 -0.68	46.65 2.41 -1.18	50.27 2.69 -1.17	51.35 2.74 -0.45	42.77 2.10 -0.37	37.25 1.92 -0.33	32.15 1.53 0.00	26.59 1.17 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.57 1.65 0.00	23.96 1.40 0.00	22.93 1.26 0.00	21.99 1.19 0.00	22.35 1.19 0.00	26.24 1.27 0.00	33.41 1.71 0.00	40.67 2.04 -0.17	40.92 2.13 0.00	36.22 1.95 0.00	34.70 2.06 0.00	34.42 2.10 0.00	34.25 2.15 0.00	34.78 2.21 0.00	35.26 2.25 0.00	36.22 2.31 0.00	40.02 2.62 0.00	45.86 2.80 0.00	49.52 3.11 0.00	51.38 3.23 0.00	42.73 2.42 0.00	37.24 2.24 0.00	32.39 1.78 0.00	26.82 1.40 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.57 1.65 0.00	23.96 1.40 0.00	22.93 1.26 0.00	21.99 1.19 0.00	22.35 1.19 0.00	26.24 1.27 0.00	33.41 1.71 0.00	40.67 2.04 -0.17	40.92 2.13 0.00	36.22 1.95 0.00	34.70 2.06 0.00	34.42 2.10 0.00	34.25 2.15 0.00	34.78 2.21 0.00	35.26 2.25 0.00	36.22 2.31 0.00	40.02 2.62 0.00	45.86 2.80 0.00	49.52 3.11 0.00	51.38 3.23 0.00	42.73 2.42 0.00	37.24 2.24 0.00	32.39 1.78 0.00	26.82 1.40 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.43 1.51 0.00	23.87 1.31 0.00	22.86 1.19 0.00	21.92 1.12 0.00	22.27 1.10 0.00	26.11 1.15 0.00	33.25 1.55 0.00	40.48 1.81 -0.20	41.06 1.90 -0.38	36.67 1.71 -0.69	35.05 1.80 -0.61	34.72 1.81 -0.59	34.52 1.86 -0.56	34.87 1.92 -0.39	35.36 2.01 -0.33	36.33 2.07 -0.34	40.50 2.39 -0.71	46.86 2.58 -1.22	50.54 2.92 -1.21	51.65 3.03 -0.46	42.99 2.30 -0.38	37.40 2.06 -0.34	32.24 1.62 0.00	26.67 1.25 0.00
POLETTI___ 23519	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.48 1.31 0.00	26.39 1.42 0.00	33.63 1.93 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.39 2.12 0.00	34.93 2.29 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.50 2.58 0.00	40.28 2.88 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	27.00 1.58 0.00
POMONA___ESR 323819	25.36 1.44 0.00	23.78 1.22 0.00	22.78 1.10 0.00	21.82 1.02 0.00	22.19 1.02 0.00	25.99 1.02 0.00	33.09 1.39 0.00	40.08 1.62 0.00	40.49 1.70 0.00	35.81 1.54 0.00	34.31 1.66 0.00	34.00 1.68 0.00	33.87 1.76 0.00	34.32 1.76 0.00	34.87 1.85 0.00	35.82 1.90 0.00	39.64 2.24 0.00	45.47 2.41 0.00	49.10 2.69 0.00	50.95 2.79 0.00	42.36 2.05 0.00	36.85 1.85 0.00	32.06 1.44 0.00	26.57 1.15 0.00
PORT_JEFF_3 23555	31.82 2.46 -5.43	24.68 2.12 0.00	23.64 1.97 0.00	22.63 1.83 0.00	23.05 1.88 0.00	27.06 2.10 0.00	34.76 2.79 -0.28	41.63 3.00 -0.17	41.66 2.87 0.00	36.87 2.60 0.00	36.81 2.90 -1.26	36.95 2.91 -1.72	36.11 2.95 -1.05	36.23 2.99 -0.67	36.27 3.10 -0.15	37.40 3.26 -0.23	41.15 3.74 -0.01	49.21 4.22 -1.93	55.64 4.46 -4.78	52.78 4.62 0.00	43.98 3.67 -0.01	39.71 3.22 -1.49	33.19 2.57 0.00	30.92 2.16 -3.34



PORT_JEFF_4 23616	31.82 2.46 -5.43	24.68 2.12 0.00	23.64 1.97 0.00	22.63 1.83 0.00	23.05 1.88 0.00	27.06 2.10 0.00	34.76 2.79 -0.28	41.63 3.00 -0.17	41.66 2.87 0.00	36.87 2.60 0.00	36.81 2.90 -1.26	36.95 2.91 -1.72	36.11 2.95 -1.05	36.23 2.99 -0.67	36.27 3.10 -0.15	37.40 3.26 -0.23	41.15 3.74 -0.01	49.21 4.22 -1.93	55.64 4.46 -4.78	52.78 4.62 0.00	43.98 3.67 -0.01	39.71 3.22 -1.49	33.19 2.57 0.00	30.92 2.16 -3.34
PORT_JEFF_IC 23713	31.79 2.44 -5.43	24.53 1.96 0.00	23.54 1.86 0.00	22.47 1.66 0.00	22.86 1.69 0.00	26.99 2.02 0.00	34.69 2.73 -0.27	41.17 2.54 -0.17	41.54 2.75 0.00	36.94 2.67 0.00	36.83 2.94 -1.25	37.00 2.97 -1.71	36.13 2.99 -1.04	36.29 3.06 -0.67	36.33 3.17 -0.14	37.46 3.32 -0.22	41.18 3.78 0.00	49.29 4.31 -1.92	55.59 4.41 -4.77	52.59 4.43 0.00	44.02 3.71 -0.01	39.81 3.32 -1.49	33.22 2.60 0.00	30.99 2.24 -3.33
PPL PILGRIM_ST_GT1 24216	31.82 2.46 -5.43	24.73 2.17 0.00	23.69 2.02 0.00	22.69 1.89 0.00	23.10 1.93 0.00	27.11 2.15 0.00	34.82 2.85 -0.28	41.71 3.08 -0.17	41.81 3.03 0.00	37.01 2.74 0.00	36.97 3.07 -1.26	37.14 3.10 -1.72	36.30 3.15 -1.05	36.43 3.19 -0.67	36.44 3.27 -0.15	37.54 3.39 -0.23	41.26 3.85 -0.01	49.33 4.35 -1.92	55.92 4.74 -4.77	53.07 4.91 0.00	44.10 3.79 0.00	39.85 3.36 -1.49	33.34 2.72 0.00	31.00 2.24 -3.34
PPL PILGRIM_ST_GT2 24217	31.82 2.46 -5.43	24.73 2.17 0.00	23.69 2.02 0.00	22.69 1.89 0.00	23.10 1.93 0.00	27.11 2.15 0.00	34.82 2.85 -0.28	41.71 3.08 -0.17	41.81 3.03 0.00	37.01 2.74 0.00	36.97 3.07 -1.26	37.14 3.10 -1.72	36.30 3.15 -1.05	36.43 3.19 -0.67	36.44 3.27 -0.15	37.54 3.39 -0.23	41.26 3.85 -0.01	49.33 4.35 -1.92	55.92 4.74 -4.77	53.07 4.91 0.00	44.10 3.79 0.00	39.85 3.36 -1.49	33.34 2.72 0.00	31.00 2.24 -3.34
PPL_SHRM_GT3 24213	32.06 2.70 -5.43	24.82 2.26 0.00	23.77 2.10 0.00	22.76 1.95 0.00	23.16 1.99 0.00	27.19 2.22 0.00	34.95 2.98 -0.28	41.86 3.23 -0.17	41.89 3.10 0.00	36.97 2.71 0.00	36.87 2.97 -1.26	36.98 2.94 -1.72	36.04 2.89 -1.05	36.20 2.96 -0.67	36.31 3.14 -0.15	37.57 3.42 -0.23	41.52 4.11 -0.01	49.72 4.74 -1.93	56.34 5.15 -4.78	53.45 5.30 0.00	44.39 4.07 -0.01	39.95 3.47 -1.49	33.22 2.60 0.00	31.00 2.24 -3.34
PPL_SHRM_GT4 24214	32.06 2.70 -5.43	24.82 2.26 0.00	23.77 2.10 0.00	22.76 1.95 0.00	23.16 1.99 0.00	27.19 2.22 0.00	34.95 2.98 -0.28	41.86 3.23 -0.17	41.89 3.10 0.00	36.97 2.71 0.00	36.87 2.97 -1.26	36.98 2.94 -1.72	36.04 2.89 -1.05	36.20 2.96 -0.67	36.31 3.14 -0.15	37.57 3.42 -0.23	41.52 4.11 -0.01	49.72 4.74 -1.93	56.34 5.15 -4.78	53.45 5.30 0.00	44.39 4.07 -0.01	39.95 3.47 -1.49	33.22 2.60 0.00	31.00 2.24 -3.34
PROJECT___ORANGE 1 24174	23.66 -0.26 0.00	22.36 -0.20 0.00	21.48 -0.20 0.00	20.57 -0.23 0.00	20.96 -0.21 0.00	24.82 -0.15 0.00	31.47 -0.22 0.00	38.23 -0.27 -0.03	38.52 -0.47 -0.20	34.06 -0.41 -0.21	32.25 -0.39 0.00	31.93 -0.39 0.00	31.75 -0.35 0.00	32.21 -0.36 0.00	32.62 -0.40 0.00	33.68 -0.41 -0.17	36.91 -0.52 -0.03	42.46 -0.69 -0.09	46.20 -0.42 -0.20	48.08 -0.43 -0.36	39.99 -0.44 -0.12	34.69 -0.42 -0.11	30.31 -0.31 0.00	25.24 -0.18 0.00
PROJECT___ORANGE 2 24166	23.66 -0.26 0.00	22.36 -0.20 0.00	21.48 -0.20 0.00	20.57 -0.23 0.00	20.96 -0.21 0.00	24.82 -0.15 0.00	31.47 -0.22 0.00	38.23 -0.27 -0.03	38.52 -0.47 -0.20	34.06 -0.41 -0.21	32.25 -0.39 0.00	31.93 -0.39 0.00	31.75 -0.35 0.00	32.21 -0.36 0.00	32.62 -0.40 0.00	33.68 -0.41 -0.17	36.91 -0.52 -0.03	42.46 -0.69 -0.09	46.20 -0.42 -0.20	48.08 -0.43 -0.36	39.99 -0.44 -0.12	34.69 -0.42 -0.11	30.31 -0.31 0.00	25.24 -0.18 0.00
PUCKETT___SOLAR 323809	24.30 0.38 0.00	22.99 0.43 0.00	22.06 0.39 0.00	21.11 0.31 0.00	21.53 0.36 0.00	25.56 0.60 0.00	32.55 0.86 0.00	39.48 1.00 -0.02	39.77 0.85 -0.13	35.12 0.72 -0.14	33.23 0.59 0.00	32.87 0.55 0.00	32.65 0.55 0.00	33.15 0.59 0.00	33.60 0.56 -0.02	34.69 0.64 -0.13	38.34 0.82 -0.11	44.53 0.95 -0.52	47.84 1.30 -0.13	49.79 1.40 -0.23	41.46 1.05 -0.10	35.92 0.84 -0.09	31.35 0.73 0.00	26.16 0.74 0.00
PYRITES___HYD 24023	23.42 -0.50 0.00	22.16 -0.41 0.00	21.28 -0.39 0.00	20.57 -0.23 0.00	20.94 -0.23 0.00	24.79 -0.17 0.00	31.85 0.16 0.00	38.67 0.19 -0.01	39.04 0.19 -0.06	34.36 0.03 -0.06	32.38 -0.26 0.00	31.90 -0.42 0.00	31.49 -0.61 0.00	31.98 -0.59 0.00	32.09 -0.92 0.00	33.02 -0.95 -0.05	36.55 -0.86 -0.01	42.53 -0.56 -0.03	45.54 -0.93 -0.06	47.30 -0.96 -0.11	39.86 -0.48 -0.04	34.47 -0.56 -0.03	30.13 -0.49 0.00	25.17 -0.25 0.00
QUAKERRD_115KV_BK1 80622	23.42 -0.50 0.00	22.25 -0.32 0.00	21.39 -0.28 0.00	20.34 -0.46 0.00	20.83 -0.34 0.00	24.94 -0.02 0.00	31.60 -0.10 0.00	38.16 -0.31 0.00	37.89 -0.89 0.00	33.48 -0.79 0.00	31.86 -0.78 0.00	31.54 -0.78 0.00	31.36 -0.74 0.00	31.78 -0.78 0.00	32.24 -0.76 0.02	32.88 -1.02 0.02	35.89 -1.42 0.09	41.03 -1.59 0.44	45.48 -0.93 0.00	47.34 -0.82 0.00	39.41 -0.89 0.02	34.10 -0.87 0.02	30.25 -0.37 0.00	25.50 0.08 0.00
QUEENSBRY_115KV_TB8 356137	25.67 1.75 0.00	24.23 1.67 0.00	23.17 1.50 0.00	22.22 1.41 0.00	22.55 1.38 0.00	26.66 1.70 0.00	33.98 2.28 0.00	43.09 2.88 -1.74	44.80 2.79 -3.22	42.65 2.43 -5.95	40.05 2.15 -5.26	39.53 2.10 -5.11	39.03 2.12 -4.81	37.93 2.02 -3.34	38.04 2.21 -2.81	39.19 2.34 -2.93	45.95 2.47 -6.08	56.94 3.40 -10.48	60.80 3.99 -10.40	56.25 4.14 -3.96	46.76 3.18 -3.26	40.76 2.83 -2.93	32.83 2.20 -0.01	27.20 1.78 0.00
RAMAPO___LBMP 323565	25.31 1.39 0.00	23.71 1.15 0.00	22.71 1.04 0.00	21.76 0.96 0.00	22.12 0.95 0.00	25.94 0.97 0.00	33.03 1.33 0.00	40.00 1.54 0.00	40.38 1.59 0.00	35.74 1.47 0.00	34.21 1.57 0.00	33.94 1.62 0.00	33.80 1.70 0.00	34.29 1.73 0.00	34.77 1.75 0.00	35.75 1.83 0.00	39.53 2.13 0.00	45.34 2.28 0.00	48.96 2.55 0.00	50.81 2.65 0.00	42.24 1.93 0.00	36.78 1.78 0.00	32.00 1.38 0.00	26.54 1.12 0.00
RANKINE____ 23646	22.87 -1.05 0.00	21.86 -0.70 0.00	21.04 -0.63 0.00	19.87 -0.94 0.00	20.47 -0.70 0.00	24.79 -0.17 0.00	31.19 -0.51 0.00	37.23 -1.23 0.00	36.50 -2.29 0.00	32.25 -2.02 0.00	30.72 -1.93 0.00	30.35 -1.97 0.00	30.14 -1.96 0.00	30.61 -1.95 0.00	31.05 -1.95 0.03	31.82 -2.07 0.03	35.04 -2.24 0.12	39.74 -2.67 0.65	43.76 -2.65 0.00	45.60 -2.55 0.00	37.87 -2.42 0.03	32.80 -2.17 0.03	29.61 -1.01 0.00	25.60 0.18 0.00
RAVENSWOOD_GT2_1 24244	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.48 1.31 0.00	26.41 1.45 0.00	33.66 1.97 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.43 2.16 0.16	34.93 2.29 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.50 2.58 0.00	40.28 2.88 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.93 2.62 0.00	37.45 2.45 0.00	32.61 1.99 0.00	27.02 1.60 0.00



RAVENSWOOD_GT2_2 24245	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.48 1.31 0.00	26.41 1.45 0.00	33.66 1.97 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.43 2.16 0.00	34.93 2.29 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.50 2.58 0.00	40.28 2.88 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.93 2.62 0.00	37.45 2.45 0.00	32.61 1.99 0.00	27.02 1.60 0.00
RAVENSWOOD_GT2_3 24246	25.81 1.89 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.13 1.33 0.00	22.50 1.33 0.00	26.41 1.45 0.00	33.66 1.97 0.00	40.90 2.27 -0.17	41.19 2.40 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.71 2.39 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.53 2.61 0.00	40.32 2.92 0.00	46.20 3.14 0.00	49.89 3.48 0.00	51.77 3.61 0.00	42.97 2.66 0.00	37.48 2.48 0.00	32.64 2.02 0.00	27.02 1.60 0.00
RAVENSWOOD_GT2_4 24247	25.81 1.89 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.13 1.33 0.00	22.50 1.33 0.00	26.41 1.45 0.00	33.66 1.97 0.00	40.90 2.27 -0.17	41.19 2.40 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.71 2.39 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.53 2.61 0.00	40.32 2.92 0.00	46.20 3.14 0.00	49.89 3.48 0.00	51.77 3.61 0.00	42.97 2.66 0.00	37.48 2.48 0.00	32.64 2.02 0.00	27.02 1.60 0.00
RAVENSWOOD_GT3_1 24248	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.48 1.31 0.00	26.41 1.45 0.00	33.66 1.97 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.71 2.39 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.50 2.58 0.00	40.28 2.88 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	27.02 1.60 0.00
RAVENSWOOD_GT3_2 24249	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.48 1.31 0.00	26.41 1.45 0.00	33.66 1.97 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.71 2.39 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.50 2.58 0.00	40.28 2.88 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	27.02 1.60 0.00
RAVENSWOOD_GT3_3 24250	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.48 1.31 0.00	26.41 1.45 0.00	33.66 1.97 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.71 2.39 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.50 2.58 0.00	40.28 2.88 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	27.02 1.60 0.00
RAVENSWOOD_GT3_4 24251	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.48 1.31 0.00	26.41 1.45 0.00	33.66 1.97 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.71 2.39 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.50 2.58 0.00	40.28 2.88 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	27.02 1.60 0.00
RAVENSWOOD_GT_1 23729	25.91 1.99 -0.01	24.22 1.65 -0.01	23.15 1.47 -0.01	22.22 1.41 -0.01	22.60 1.42 -0.01	26.52 1.55 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.23 2.44 0.00	36.49 2.23 0.00	35.03 2.38 0.00	34.81 2.49 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.66 2.64 0.00	36.63 2.71 0.00	40.36 2.95 0.00	46.25 3.19 0.00	49.94 3.53 0.00	51.77 3.61 0.00	42.97 2.66 0.00	37.55 2.55 0.00	32.77 2.14 -0.01	27.13 1.70 -0.01
RAVENSWOOD_GT_10 24258	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.48 1.31 0.00	26.42 1.45 0.00	33.63 1.93 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.43 2.16 0.00	34.93 2.29 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.50 2.58 0.00	40.28 2.88 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	27.00 1.58 0.00
RAVENSWOOD_GT_11 24259	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.48 1.31 0.00	26.42 1.45 0.00	33.63 1.93 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.43 2.16 0.00	34.93 2.29 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.50 2.58 0.00	40.28 2.88 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	27.00 1.58 0.00
RAVENSWOOD_GT_4 24252	25.77 1.84 -0.01	24.10 1.53 -0.01	23.04 1.37 -0.01	22.10 1.29 -0.01	22.47 1.29 -0.01	26.40 1.42 -0.01	33.63 1.93 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.39 2.12 0.00	34.93 2.29 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.46 2.54 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.58 1.96 -0.01	27.00 1.58 -0.01
RAVENSWOOD_GT_5 24254	25.77 1.84 -0.01	24.10 1.53 -0.01	23.04 1.37 -0.01	22.10 1.29 -0.01	22.47 1.29 -0.01	26.40 1.42 -0.01	33.63 1.93 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.39 2.12 0.00	34.93 2.29 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.46 2.54 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.58 1.96 -0.01	27.00 1.58 -0.01
RAVENSWOOD_GT_6 24253	25.77 1.84 -0.01	24.10 1.53 -0.01	23.04 1.37 -0.01	22.10 1.29 -0.01	22.47 1.29 -0.01	26.40 1.42 -0.01	33.63 1.93 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.39 2.12 0.00	34.93 2.29 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.46 2.54 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.58 1.96 -0.01	27.00 1.58 -0.01
RAVENSWOOD_GT_7 24255	25.77 1.84 -0.01	24.10 1.53 -0.01	23.04 1.37 -0.01	22.10 1.29 -0.01	22.47 1.29 -0.01	26.40 1.42 -0.01	33.63 1.93 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.39 2.12 0.00	34.93 2.29 0.00	34.68 2.36 0.00	34.51 2.41 0.00	35.04 2.47 0.00	35.53 2.51 0.00	36.46 2.54 0.00	40.24 2.84 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.58 1.96 -0.01	27.00 1.58 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.48 1.31 0.00	26.42 1.45 0.00	33.63 1.93 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.43 2.16 0.00	34.93 2.29 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.50 2.58 0.00	40.28 2.88 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	27.00 1.58 0.00



RAVENSWOOD_GT_9 24257	25.79 1.87 0.00	24.12 1.56 0.00	23.06 1.39 0.00	22.11 1.31 0.00	22.48 1.31 0.00	26.42 1.45 0.00	33.63 1.93 0.00	40.90 2.27 -0.17	41.15 2.37 0.00	36.43 2.16 0.00	34.93 2.29 0.00	34.68 2.36 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.50 2.58 0.00	40.28 2.88 0.00	46.16 3.10 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.61 1.99 0.00	27.00 1.58 0.00
RAVENSWOOD___1 23533	25.91 1.98 -0.01	24.24 1.67 -0.01	23.17 1.49 -0.01	22.22 1.42 -0.01	22.62 1.44 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.31 2.52 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.81 2.49 0.00	34.67 2.57 0.00	35.17 2.61 0.00	35.69 2.67 0.00	36.63 2.71 0.00	40.35 2.95 0.00	46.25 3.19 0.00	49.93 3.53 0.00	51.77 3.61 0.00	42.97 2.66 0.00	37.55 2.55 0.00	32.77 2.14 -0.01	27.11 1.68 -0.01
RAVENSWOOD___2 23534	25.91 1.98 -0.01	24.24 1.67 -0.01	23.17 1.49 -0.01	22.22 1.42 -0.01	22.62 1.44 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.31 2.52 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.81 2.49 0.00	34.67 2.57 0.00	35.17 2.61 0.00	35.69 2.67 0.00	36.63 2.71 0.00	40.35 2.95 0.00	46.25 3.19 0.00	49.93 3.53 0.00	51.77 3.61 0.00	42.97 2.66 0.00	37.55 2.55 0.00	32.77 2.14 -0.01	27.11 1.68 -0.01
RAVENSWOOD___3 23535	25.79 1.87 0.00	24.14 1.58 0.00	23.08 1.41 0.00	22.11 1.31 0.00	22.53 1.36 0.00	26.41 1.45 0.00	33.66 1.97 0.00	40.98 2.35 -0.17	41.23 2.44 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.71 2.39 0.00	34.54 2.44 0.00	35.04 2.47 0.00	35.56 2.54 0.00	36.49 2.58 0.00	40.28 2.88 0.00	46.20 3.14 0.00	49.84 3.43 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.48 2.48 0.00	32.61 1.99 0.00	27.00 1.58 0.00
RAVENSWOOD___4 23820	25.91 1.98 -0.01	24.24 1.67 -0.01	23.17 1.49 -0.01	22.22 1.42 -0.01	22.62 1.44 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	41.06 2.42 -0.17	41.31 2.52 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.81 2.49 0.00	34.67 2.57 0.00	35.17 2.61 0.00	35.69 2.67 0.00	36.63 2.71 0.00	40.35 2.95 0.00	46.25 3.19 0.00	49.93 3.53 0.00	51.77 3.61 0.00	42.97 2.66 0.00	37.55 2.55 0.00	32.77 2.14 -0.01	27.11 1.68 -0.01
RCPL_TRUST___DRP 24196	25.76 1.84 0.00	24.10 1.53 0.00	23.04 1.37 0.00	22.09 1.29 0.00	22.46 1.29 0.00	26.39 1.42 0.00	33.63 1.93 0.00	40.94 2.31 -0.17	41.19 2.40 0.00	36.43 2.16 0.00	34.96 2.32 0.00	34.71 2.39 0.00	34.54 2.44 0.00	35.07 2.51 0.00	35.56 2.54 0.00	36.50 2.58 0.00	40.28 2.88 0.00	46.20 3.14 0.00	49.89 3.48 0.00	51.72 3.56 0.00	42.97 2.66 0.00	37.45 2.45 0.00	32.58 1.96 0.00	26.97 1.55 0.00
RED___ROCHESTER 323720	23.39 -0.53 0.00	22.25 -0.32 0.00	21.43 -0.24 0.00	20.30 -0.50 0.00	20.79 -0.38 0.00	25.02 0.05 0.00	31.66 -0.03 0.00	38.15 -0.31 0.00	37.85 -0.93 0.00	33.44 -0.82 0.00	31.79 -0.85 0.00	31.51 -0.81 0.00	31.37 -0.74 0.00	31.88 -0.69 0.00	32.24 -0.76 0.02	32.85 -1.05 0.02	35.78 -1.54 0.09	40.99 -1.64 0.43	45.53 -0.88 0.00	47.38 -0.77 0.00	39.41 -0.89 0.02	34.11 -0.87 0.02	30.28 -0.34 0.00	25.70 0.28 0.00
REGAN___SOLAR 323812	25.81 1.89 0.00	24.39 1.83 0.00	23.32 1.65 0.00	22.36 1.56 0.00	22.71 1.54 0.00	26.86 1.90 0.00	34.42 2.73 0.00	42.83 3.34 -1.03	43.73 3.03 -1.92	40.28 2.47 -3.55	37.77 1.99 -3.13	37.24 1.87 -3.04	36.86 1.89 -2.87	36.35 1.79 -1.99	36.78 2.08 -1.67	38.04 2.37 -1.75	43.72 2.69 -3.62	53.05 3.74 -6.25	56.97 4.36 -6.20	55.09 4.58 -2.36	45.80 3.55 -1.95	39.82 3.08 -1.75	33.13 2.51 0.00	27.46 2.03 0.00
RENSSELAER___COGEN 23796	24.59 0.67 0.00	23.17 0.61 0.00	22.19 0.52 0.00	21.30 0.50 0.00	21.66 0.49 0.00	25.47 0.50 0.00	32.27 0.57 0.00	32.90 0.89 6.45	27.40 0.89 12.28	12.40 0.82 22.69	13.41 0.82 20.05	13.68 0.84 19.48	14.58 0.83 18.36	20.60 0.78 12.75	23.16 0.86 10.72	23.66 0.92 11.17	15.23 1.01 23.18	4.28 1.20 39.99	8.16 1.44 39.69	34.56 1.49 15.09	28.95 1.09 12.45	24.84 1.02 11.17	31.32 0.73 0.03	25.88 0.46 0.00
REPUBLIC_115KV_BARTNBRK 55605	26.55 2.63 0.00	25.13 2.57 0.00	23.95 2.28 0.00	22.94 2.14 0.00	23.24 2.07 0.00	27.61 2.65 0.00	35.34 3.64 0.00	44.80 4.54 -1.80	46.49 4.38 -3.32	44.17 3.77 -6.13	41.39 3.33 -5.42	40.85 3.26 -5.27	40.28 3.21 -4.96	39.10 3.09 -3.45	39.25 3.33 -2.90	40.47 3.53 -3.02	47.33 3.67 -6.27	59.12 5.25 -10.81	63.27 6.13 -10.73	58.69 6.45 -4.08	48.63 4.96 -3.37	42.36 4.34 -3.02	34.06 3.43 -0.01	28.27 2.85 0.00
REVERE_CPFR_DRP 24186	24.45 0.53 0.00	23.08 0.52 0.00	22.13 0.46 0.00	21.28 0.48 0.00	21.66 0.49 0.00	25.67 0.70 0.00	32.77 1.08 0.00	39.86 1.38 -0.02	40.09 1.20 -0.10	35.47 1.10 -0.10	33.59 0.95 0.00	33.19 0.87 0.00	32.94 0.83 0.00	33.41 0.85 0.00	33.84 0.83 0.00	34.92 0.92 -0.09	38.31 0.90 -0.01	44.18 1.08 -0.05	48.00 1.49 -0.10	49.97 1.64 -0.18	41.70 1.33 -0.06	36.10 1.05 -0.06	31.38 0.77 0.00	26.13 0.71 0.00
REYNOLDS_115KV_TB3 80639	24.85 0.93 0.00	23.42 0.86 0.00	22.45 0.78 0.00	21.53 0.73 0.00	21.87 0.70 0.00	25.74 0.77 0.00	32.61 0.92 0.00	44.29 1.27 -4.55	48.61 1.28 -8.55	51.26 1.20 -15.79	47.77 1.18 -13.95	47.07 1.20 -13.56	46.07 1.19 -12.78	42.61 1.17 -8.87	41.73 1.25 -7.46	42.98 1.29 -7.78	54.96 1.42 -16.13	72.53 1.64 -27.83	75.94 1.90 -27.63	60.64 1.97 -10.51	50.51 1.53 -8.67	44.14 1.36 -7.78	31.71 1.07 -0.02	26.13 0.71 0.00
RIVERBAY____ 323610	26.01 2.08 -0.01	24.35 1.78 -0.01	23.31 1.63 -0.01	22.35 1.54 -0.01	22.70 1.52 -0.01	26.65 1.67 -0.01	33.98 2.28 0.00	41.06 2.42 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.70 2.60 0.00	35.20 2.64 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.25 3.19 0.00	49.94 3.53 0.00	51.82 3.66 0.00	43.01 2.70 0.00	37.62 2.62 0.00	32.83 2.20 -0.01	27.21 1.78 -0.01
RIVERSDE_115KV_TB3 55908	24.73 0.81 0.00	23.28 0.72 0.00	22.32 0.65 0.00	21.43 0.62 0.00	21.76 0.59 0.00	25.62 0.65 0.00	32.46 0.76 0.00	41.57 1.08 -2.03	43.65 1.09 -3.77	42.27 1.03 -6.97	39.81 1.01 -6.16	39.34 1.03 -5.98	38.77 1.03 -5.64	37.49 1.01 -3.92	37.37 1.06 -3.29	38.47 1.12 -3.43	45.72 1.20 -7.12	56.81 1.46 -12.29	60.27 1.67 -12.19	54.53 1.73 -4.64	45.47 1.33 -3.83	39.65 1.22 -3.43	31.55 0.92 -0.01	26.03 0.61 0.00
ROARING___BROOK_WT_PWR 323790	22.77 -1.15 0.00	21.62 -0.95 0.00	20.87 -0.80 0.00	20.16 -0.64 0.00	20.58 -0.59 0.00	24.27 -0.70 0.00	31.00 -0.70 0.00	37.73 -0.73 0.00	38.13 -0.66 0.00	33.68 -0.58 0.00	31.99 -0.65 0.00	31.58 -0.74 0.00	31.20 -0.90 0.00	31.59 -0.98 0.00	31.86 -1.16 0.00	32.73 -1.19 0.00	36.17 -1.23 0.00	41.90 -1.16 0.00	45.11 -1.30 0.00	46.86 -1.30 0.00	39.38 -0.93 0.00	34.12 -0.87 0.00	29.88 -0.74 0.00	24.84 -0.58 0.00



ROCHESRG_115KV_T4 355643	23.23 -0.69 0.00	22.09 -0.47 0.00	21.24 -0.43 0.00	20.16 -0.64 0.00	20.68 -0.49 0.00	24.82 -0.15 0.00	31.38 -0.32 0.00	37.85 -0.62 0.00	37.54 -1.24 0.00	33.14 -1.13 0.00	31.53 -1.11 0.00	31.22 -1.10 0.00	31.08 -1.03 0.00	31.49 -1.07 0.00	31.95 -1.06 0.02	32.51 -1.39 0.02	35.48 -1.83 0.09	40.57 -2.07 0.42	45.02 -1.39 0.00	46.86 -1.30 0.00	39.00 -1.29 0.02	33.79 -1.19 0.02	30.04 -0.58 0.00	25.42 0.00 0.00
ROCHESTER_9_IC 23652	23.32 -0.60 0.00	22.20 -0.36 0.00	21.33 -0.35 0.00	20.24 -0.56 0.00	20.77 -0.40 0.00	24.94 -0.02 0.00	31.54 -0.16 0.00	38.08 -0.38 0.00	37.74 -1.05 0.00	33.34 -0.93 0.00	31.70 -0.95 0.00	31.38 -0.94 0.00	31.24 -0.87 0.00	31.65 -0.91 0.00	32.11 -0.89 0.02	32.68 -1.22 0.02	35.63 -1.68 0.09	40.78 -1.85 0.43	45.30 -1.11 0.00	47.15 -1.01 0.00	39.25 -1.05 0.02	33.96 -1.01 0.02	30.19 -0.43 0.00	25.52 0.10 0.00
ROCKVIEW_13_KV_LD 356306	25.69 1.77 0.00	24.05 1.49 0.00	23.02 1.34 0.00	22.07 1.27 0.00	22.44 1.27 0.00	26.34 1.37 0.00	33.57 1.87 0.00	40.86 2.23 -0.17	41.11 2.33 0.00	36.36 2.09 0.00	34.86 2.22 0.00	34.62 2.29 0.00	34.45 2.34 0.00	34.97 2.41 0.00	35.46 2.44 0.00	36.43 2.51 0.00	40.21 2.81 0.00	46.12 3.06 0.00	49.80 3.39 0.00	51.67 3.52 0.00	42.93 2.62 0.00	37.41 2.41 0.00	32.52 1.90 0.00	26.92 1.50 0.00
ROME____115KV_TB2 80656	24.45 0.53 0.00	23.08 0.52 0.00	22.13 0.46 0.00	21.28 0.48 0.00	21.66 0.49 0.00	25.67 0.70 0.00	32.77 1.08 0.00	39.86 1.38 -0.02	40.09 1.20 -0.10	35.47 1.10 -0.10	33.59 0.95 0.00	33.19 0.87 0.00	32.94 0.83 0.00	33.41 0.85 0.00	33.84 0.83 0.00	34.92 0.92 -0.09	38.31 0.90 -0.01	44.18 1.08 -0.05	48.00 1.49 -0.10	49.97 1.64 -0.18	41.70 1.33 -0.06	36.10 1.05 -0.06	31.38 0.77 0.00	26.13 0.71 0.00
ROSETON___1 23587	25.28 1.36 0.00	23.74 1.17 0.00	22.73 1.06 0.00	21.80 1.00 0.00	22.19 1.02 0.00	26.01 1.05 0.00	33.06 1.36 0.00	40.12 1.65 0.00	40.53 1.75 0.00	35.81 1.54 0.00	34.27 1.63 0.00	34.00 1.68 0.00	33.83 1.73 0.00	34.29 1.72 0.00	34.83 1.81 0.00	35.78 1.86 0.00	39.49 2.09 0.00	45.34 2.28 0.00	48.96 2.55 0.00	50.80 2.65 0.00	42.28 1.97 0.00	36.81 1.82 0.00	32.06 1.44 0.00	26.51 1.09 0.00
ROSETON___2 23588	25.28 1.36 0.00	23.74 1.17 0.00	22.73 1.06 0.00	21.80 1.00 0.00	22.19 1.02 0.00	26.01 1.05 0.00	33.06 1.36 0.00	40.12 1.65 0.00	40.53 1.75 0.00	35.81 1.54 0.00	34.27 1.63 0.00	34.00 1.68 0.00	33.83 1.73 0.00	34.29 1.72 0.00	34.83 1.81 0.00	35.78 1.86 0.00	39.49 2.09 0.00	45.34 2.28 0.00	48.96 2.55 0.00	50.80 2.65 0.00	42.28 1.97 0.00	36.81 1.82 0.00	32.06 1.44 0.00	26.51 1.09 0.00
ROTRRDAM_115KV_TB3 80664	24.90 0.98 0.00	23.47 0.90 0.00	22.52 0.85 0.00	21.59 0.79 0.00	21.95 0.78 0.00	25.84 0.87 0.00	32.90 1.20 0.00	41.09 1.50 -1.13	42.37 1.47 -2.11	39.44 1.27 -3.90	37.27 1.18 -3.45	36.83 1.16 -3.35	36.41 1.16 -3.16	35.90 1.14 -2.19	36.12 1.25 -1.84	37.16 1.32 -1.92	42.84 1.46 -3.99	51.79 1.85 -6.88	55.37 2.13 -6.82	52.97 2.22 -2.60	44.14 1.69 -2.14	38.46 1.54 -1.92	31.85 1.22 -0.01	26.36 0.94 0.00
RUSSELL___1 23602	23.39 -0.53 0.00	22.27 -0.29 0.00	21.39 -0.28 0.00	20.32 -0.48 0.00	20.83 -0.34 0.00	25.02 0.05 0.00	31.66 -0.03 0.00	38.23 -0.23 0.00	37.89 -0.89 0.00	33.48 -0.79 0.00	31.83 -0.82 0.00	31.51 -0.81 0.00	31.36 -0.74 0.00	31.78 -0.78 0.00	32.24 -0.76 0.02	32.85 -1.05 0.02	35.78 -1.53 0.09	40.99 -1.64 0.43	45.53 -0.88 0.00	47.43 -0.72 0.00	39.41 -0.89 0.02	34.10 -0.87 0.02	30.28 -0.34 0.00	25.63 0.20 0.00
RUSSELL___2 23532	23.39 -0.53 0.00	22.27 -0.29 0.00	21.39 -0.28 0.00	20.32 -0.48 0.00	20.83 -0.34 0.00	25.02 0.05 0.00	31.66 -0.03 0.00	38.23 -0.23 0.00	37.89 -0.89 0.00	33.48 -0.79 0.00	31.83 -0.82 0.00	31.51 -0.81 0.00	31.36 -0.74 0.00	31.78 -0.78 0.00	32.24 -0.76 0.02	32.85 -1.05 0.02	35.78 -1.53 0.09	40.99 -1.64 0.43	45.53 -0.88 0.00	47.43 -0.72 0.00	39.41 -0.89 0.02	34.10 -0.87 0.02	30.28 -0.34 0.00	25.63 0.20 0.00
RUSSELL___3 23549	23.39 -0.53 0.00	22.27 -0.29 0.00	21.39 -0.28 0.00	20.32 -0.48 0.00	20.83 -0.34 0.00	25.02 0.05 0.00	31.66 -0.03 0.00	38.23 -0.23 0.00	37.89 -0.89 0.00	33.48 -0.79 0.00	31.83 -0.82 0.00	31.51 -0.81 0.00	31.36 -0.74 0.00	31.78 -0.78 0.00	32.24 -0.76 0.02	32.85 -1.05 0.02	35.78 -1.53 0.09	40.99 -1.64 0.43	45.53 -0.88 0.00	47.43 -0.72 0.00	39.41 -0.89 0.02	34.10 -0.87 0.02	30.28 -0.34 0.00	25.63 0.20 0.00
RUSSELL___4 23556	23.39 -0.53 0.00	22.27 -0.29 0.00	21.39 -0.28 0.00	20.32 -0.48 0.00	20.83 -0.34 0.00	25.02 0.05 0.00	31.66 -0.03 0.00	38.23 -0.23 0.00	37.89 -0.89 0.00	33.48 -0.79 0.00	31.83 -0.82 0.00	31.51 -0.81 0.00	31.36 -0.74 0.00	31.78 -0.78 0.00	32.24 -0.76 0.02	32.85 -1.05 0.02	35.78 -1.53 0.09	40.99 -1.64 0.43	45.53 -0.88 0.00	47.43 -0.72 0.00	39.41 -0.89 0.02	34.10 -0.87 0.02	30.28 -0.34 0.00	25.63 0.20 0.00
RUSSELL___STATION 23914	23.39 -0.53 0.00	22.27 -0.29 0.00	21.39 -0.28 0.00	20.32 -0.48 0.00	20.83 -0.34 0.00	25.02 0.05 0.00	31.66 -0.03 0.00	38.23 -0.23 0.00	37.89 -0.89 0.00	33.48 -0.79 0.00	31.83 -0.82 0.00	31.51 -0.81 0.00	31.36 -0.74 0.00	31.78 -0.78 0.00	32.24 -0.76 0.02	32.85 -1.05 0.02	35.78 -1.53 0.09	40.99 -1.64 0.43	45.53 -0.88 0.00	47.43 -0.72 0.00	39.41 -0.89 0.02	34.10 -0.87 0.02	30.28 -0.34 0.00	25.63 0.20 0.00
S SALMON___HYD 24043	23.59 -0.33 0.00	22.27 -0.29 0.00	21.39 -0.28 0.00	20.53 -0.27 0.00	20.92 -0.25 0.00	24.79 -0.17 0.00	31.54 -0.16 0.00	38.35 -0.19 -0.07	38.79 -0.46 -0.47	34.30 -0.45 -0.48	32.15 -0.49 0.00	31.80 -0.52 0.00	31.56 -0.55 0.00	32.01 -0.55 0.00	32.39 -0.63 0.00	33.70 -0.61 -0.39	36.68 -0.79 -0.07	42.41 -0.86 -0.21	46.33 -0.55 -0.47	48.50 -0.48 -0.82	40.11 -0.48 -0.29	34.76 -0.49 -0.25	30.22 -0.40 0.00	25.19 -0.23 0.00
S.PERRY__115KV_TB1 80734	23.80 -0.12 0.00	22.70 0.14 0.00	21.82 0.15 0.00	20.70 -0.10 0.00	21.25 0.08 0.00	25.57 0.60 0.00	32.27 0.57 0.00	38.85 0.38 0.00	38.05 -0.74 0.00	33.38 -0.89 0.00	31.63 -1.01 0.00	31.19 -1.13 0.00	30.88 -1.22 0.00	31.36 -1.20 0.00	31.83 -1.16 0.03	32.63 -1.25 0.03	35.87 -1.35 0.18	40.88 -1.29 0.89	46.27 -0.14 0.00	48.25 0.10 0.00	39.99 -0.28 0.03	34.54 -0.42 0.03	30.77 0.15 0.00	26.18 0.76 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.63 -1.29 0.00	21.66 -0.90 0.00	20.85 -0.82 0.00	19.66 -1.14 0.00	20.26 -0.91 0.00	24.57 -0.40 0.00	30.84 -0.86 0.00	36.81 -1.65 0.00	36.15 -2.64 0.00	31.94 -2.33 0.00	30.46 -2.19 0.00	30.12 -2.20 0.00	29.92 -2.18 0.00	30.35 -2.21 0.00	30.78 -2.21 0.02	31.38 -2.51 0.02	34.36 -2.92 0.12	39.04 -3.40 0.61	43.30 -3.11 0.00	45.12 -3.03 0.00	37.46 -2.82 0.02	32.49 -2.48 0.02	29.33 -1.29 0.00	25.35 -0.08 0.00



SAWYER___23_KV_LOAD 55526	22.63 -1.29 0.00	21.66 -0.90 0.00	20.85 -0.82 0.00	19.66 -1.14 0.00	20.26 -0.91 0.00	24.57 -0.40 0.00	30.84 -0.86 0.00	36.81 -1.65 0.00	36.15 -2.64 0.00	31.94 -2.33 0.00	30.46 -2.19 0.00	30.12 -2.20 0.00	29.92 -2.18 0.00	30.35 -2.21 0.00	30.78 -2.21 0.02	31.38 -2.51 0.02	34.36 -2.92 0.12	39.04 -3.40 0.61	43.30 -3.11 0.00	45.12 -3.03 0.00	37.46 -2.82 0.02	32.49 -2.48 0.02	29.33 -1.29 0.00	25.35 -0.08 0.00
SELKIRK___I 23801	24.71 0.79 0.00	23.31 0.74 0.00	22.34 0.67 0.00	21.45 0.65 0.00	21.78 0.61 0.00	25.64 0.67 0.00	32.49 0.79 0.00	36.18 1.08 3.36	33.42 1.05 6.41	23.31 0.89 11.84	22.99 0.82 10.47	22.93 0.77 10.17	23.29 0.77 9.58	26.63 0.72 6.65	28.25 0.83 5.59	29.00 0.92 5.83	26.31 1.01 12.10	23.48 1.29 20.88	27.27 1.58 20.72	41.92 1.64 7.88	35.10 1.29 6.50	30.32 1.15 5.83	31.52 0.92 0.02	26.06 0.64 0.00
SELKIRK___II 23799	24.64 0.72 0.00	23.22 0.65 0.00	22.26 0.59 0.00	21.36 0.56 0.00	21.70 0.53 0.00	25.51 0.55 0.00	32.36 0.67 0.00	34.31 0.96 5.12	30.00 0.97 9.75	17.11 0.86 18.01	17.57 0.85 15.92	17.73 0.87 15.46	18.40 0.87 14.57	23.26 0.81 10.12	25.40 0.89 8.51	26.03 0.98 8.87	20.04 1.05 18.40	12.56 1.25 31.75	16.38 1.48 31.51	37.76 1.59 11.98	31.59 1.17 9.89	27.21 1.09 8.87	31.42 0.83 0.03	25.93 0.51 0.00
SENECA OSWGO___HYD 24041	23.54 -0.38 0.00	22.22 -0.34 0.00	21.37 -0.30 0.00	20.47 -0.33 0.00	20.83 -0.34 0.00	24.67 -0.30 0.00	31.28 -0.41 0.00	37.99 -0.58 -0.10	38.71 -0.74 -0.66	34.29 -0.65 -0.67	32.02 -0.62 0.00	31.71 -0.62 0.00	31.49 -0.61 0.00	31.98 -0.59 0.00	32.39 -0.63 0.00	33.82 -0.65 -0.55	36.71 -0.79 -0.10	42.41 -0.95 -0.30	46.38 -0.69 -0.66	48.59 -0.72 -1.15	40.03 -0.69 -0.40	34.72 -0.63 -0.35	30.13 -0.49 0.00	25.07 -0.36 0.00
SENECA___115KV_TB3 355854	22.89 -1.03 0.00	21.89 -0.68 0.00	21.09 -0.59 0.00	19.89 -0.92 0.00	20.51 -0.66 0.00	24.82 -0.15 0.00	31.22 -0.48 0.00	37.31 -1.15 0.00	36.54 -2.25 0.00	32.31 -1.95 0.00	30.78 -1.86 0.00	30.41 -1.91 0.00	30.21 -1.89 0.00	30.68 -1.89 0.00	31.11 -1.88 0.03	31.89 -2.00 0.03	35.11 -2.17 0.12	39.82 -2.58 0.65	43.86 -2.55 0.00	45.70 -2.46 0.00	37.91 -2.38 0.03	32.84 -2.13 0.03	29.64 -0.98 0.00	25.63 0.20 0.00
SENECA___ENERGY 23797	23.66 -0.26 0.00	22.38 -0.18 0.00	21.54 -0.13 0.00	20.55 -0.25 0.00	20.98 -0.19 0.00	25.02 0.05 0.00	31.76 0.06 0.00	38.28 -0.23 -0.05	38.46 -0.62 -0.30	34.06 -0.51 -0.30	32.12 -0.52 0.00	31.80 -0.52 0.00	31.56 -0.55 0.00	32.08 -0.49 0.00	32.41 -0.59 0.02	33.50 -0.65 -0.23	36.64 -0.71 0.05	41.85 -0.91 0.30	46.25 -0.46 -0.30	48.20 -0.48 -0.52	39.87 -0.60 -0.16	34.62 -0.52 -0.14	30.34 -0.28 0.00	25.47 0.05 0.00
SHOEMAKER___GT 23640	25.07 1.15 0.00	23.53 0.97 0.00	22.56 0.89 0.00	21.61 0.81 0.00	21.97 0.80 0.00	25.79 0.82 0.00	32.83 1.14 0.00	39.77 1.31 0.00	40.14 1.36 0.00	35.47 1.20 0.00	33.91 1.27 0.00	33.61 1.29 0.00	33.48 1.38 0.00	33.93 1.37 0.00	34.47 1.45 0.00	35.41 1.49 0.00	39.16 1.76 0.00	44.95 1.89 0.00	48.55 2.14 0.00	50.42 2.26 0.00	42.00 1.69 0.00	36.50 1.50 0.00	31.78 1.16 0.00	26.34 0.91 0.00
SHOEMAKR_138KV_BK 111 55601	25.07 1.15 0.00	23.53 0.97 0.00	22.54 0.87 0.00	21.61 0.81 0.00	21.95 0.78 0.00	25.79 0.82 0.00	32.84 1.14 0.00	39.73 1.27 0.00	40.10 1.32 0.00	35.47 1.20 0.00	33.92 1.27 0.00	33.65 1.33 0.00	33.48 1.38 0.00	33.97 1.40 0.00	34.47 1.45 0.00	35.41 1.49 0.00	39.16 1.76 0.00	44.95 1.89 0.00	48.54 2.13 0.00	50.42 2.26 0.00	41.96 1.65 0.00	36.50 1.50 0.00	31.78 1.16 0.00	26.36 0.94 0.00
SHOREHAM_IC_1 23715	32.06 2.70 -5.43	24.82 2.26 0.00	23.77 2.10 0.00	22.76 1.95 0.00	23.16 1.99 0.00	27.19 2.22 0.00	34.95 2.98 -0.28	41.86 3.23 -0.17	41.89 3.10 0.00	36.97 2.71 0.00	36.87 2.97 -1.26	36.98 2.94 -1.72	36.04 2.89 -1.05	36.20 2.96 -0.67	36.31 3.14 -0.15	37.57 3.42 -0.23	41.52 4.11 -0.01	49.72 4.74 -1.93	56.34 5.15 -4.78	53.45 5.30 0.00	44.39 4.07 -0.01	39.95 3.47 -1.49	33.22 2.60 0.00	31.00 2.24 -3.34
SHOREHAM_IC_2 23716	32.06 2.70 -5.43	24.82 2.26 0.00	23.77 2.10 0.00	22.76 1.95 0.00	23.16 1.99 0.00	27.19 2.22 0.00	34.95 2.98 -0.28	41.86 3.23 -0.17	41.89 3.10 0.00	36.97 2.71 0.00	36.87 2.97 -1.26	36.98 2.94 -1.72	36.04 2.89 -1.05	36.20 2.96 -0.67	36.31 3.14 -0.15	37.57 3.42 -0.23	41.52 4.11 -0.01	49.72 4.74 -1.93	56.34 5.15 -4.78	53.45 5.30 0.00	44.39 4.07 -0.01	39.95 3.47 -1.49	33.22 2.60 0.00	31.00 2.24 -3.34
SISSONVILLE____ 23735	23.20 -0.72 0.00	21.95 -0.61 0.00	21.11 -0.56 0.00	20.39 -0.42 0.00	20.75 -0.42 0.00	24.54 -0.42 0.00	31.41 -0.29 0.00	38.01 -0.46 -0.01	38.46 -0.39 -0.07	33.85 -0.48 -0.07	31.92 -0.72 0.00	31.45 -0.87 0.00	31.08 -1.03 0.00	31.52 -1.04 0.00	31.63 -1.39 0.00	32.55 -1.42 -0.05	36.03 -1.38 -0.01	41.88 -1.21 -0.03	44.81 -1.67 -0.07	46.54 -1.73 -0.12	39.18 -1.17 -0.04	33.95 -1.08 -0.04	29.73 -0.89 0.00	24.89 -0.53 0.00
SITHE_IND_GS1 24169	23.23 -0.69 0.00	21.93 -0.63 0.00	21.11 -0.56 0.00	20.24 -0.56 0.00	20.58 -0.59 0.00	24.37 -0.60 0.00	30.81 -0.89 0.00	37.02 -1.15 0.29	35.61 -1.28 1.90	31.21 -1.13 1.93	31.53 -1.11 0.00	31.25 -1.07 0.00	31.04 -1.06 0.00	31.49 -1.07 0.00	31.93 -1.09 0.00	31.19 -1.15 1.57	35.78 -1.34 0.27	40.65 -1.55 0.86	43.07 -1.44 1.90	43.35 -1.49 3.31	37.87 -1.29 1.15	32.83 -1.15 1.02	29.70 -0.92 0.00	24.74 -0.69 0.00
SITHE_IND_GS2 24170	23.23 -0.69 0.00	21.93 -0.63 0.00	21.11 -0.56 0.00	20.24 -0.56 0.00	20.58 -0.59 0.00	24.37 -0.60 0.00	30.81 -0.89 0.00	37.02 -1.15 0.29	35.61 -1.28 1.90	31.21 -1.13 1.93	31.53 -1.11 0.00	31.25 -1.07 0.00	31.04 -1.06 0.00	31.49 -1.07 0.00	31.93 -1.09 0.00	31.19 -1.15 1.57	35.78 -1.34 0.27	40.65 -1.55 0.86	43.07 -1.44 1.90	43.35 -1.49 3.31	37.87 -1.29 1.15	32.83 -1.15 1.02	29.70 -0.92 0.00	24.74 -0.69 0.00
SITHE_IND_GS3 24171	23.23 -0.69 0.00	21.93 -0.63 0.00	21.11 -0.56 0.00	20.24 -0.56 0.00	20.58 -0.59 0.00	24.37 -0.60 0.00	30.81 -0.89 0.00	37.02 -1.15 0.29	35.61 -1.28 1.90	31.21 -1.13 1.93	31.53 -1.11 0.00	31.25 -1.07 0.00	31.04 -1.06 0.00	31.49 -1.07 0.00	31.93 -1.09 0.00	31.19 -1.15 1.57	35.78 -1.34 0.27	40.65 -1.55 0.86	43.07 -1.44 1.90	43.35 -1.49 3.31	37.87 -1.29 1.15	32.83 -1.15 1.02	29.70 -0.92 0.00	24.74 -0.69 0.00
SITHE_IND_GS4 24172	23.23 -0.69 0.00	21.93 -0.63 0.00	21.11 -0.56 0.00	20.24 -0.56 0.00	20.58 -0.59 0.00	24.37 -0.60 0.00	30.81 -0.89 0.00	37.02 -1.15 0.29	35.61 -1.28 1.90	31.21 -1.13 1.93	31.53 -1.11 0.00	31.25 -1.07 0.00	31.04 -1.06 0.00	31.49 -1.07 0.00	31.93 -1.09 0.00	31.19 -1.15 1.57	35.78 -1.34 0.27	40.65 -1.55 0.86	43.07 -1.44 1.90	43.35 -1.49 3.31	37.87 -1.29 1.15	32.83 -1.15 1.02	29.70 -0.92 0.00	24.74 -0.69 0.00



SITHE___BATAVIA 24024	23.04 -0.88 0.00	21.98 -0.59 0.00	21.22 -0.46 0.00	20.01 -0.79 0.00	20.53 -0.63 0.00	24.94 -0.02 0.00	31.51 -0.19 0.00	37.77 -0.69 0.00	37.16 -1.63 0.00	32.83 -1.44 0.00	31.17 -1.47 0.00	30.87 -1.45 0.00	30.69 -1.41 0.00	31.23 -1.34 0.00	31.58 -1.42 0.02	32.17 -1.73 0.02	35.08 -2.21 0.11	40.34 -2.19 0.52	44.65 -1.76 0.00	46.57 -1.59 0.00	38.60 -1.69 0.02	33.40 -1.57 0.02	29.97 -0.64 0.00	25.78 0.36 0.00
SITHE___INDEPEND 23800	23.23 -0.69 0.00	21.95 -0.61 0.00	21.09 -0.59 0.00	20.24 -0.56 0.00	20.60 -0.57 0.00	24.37 -0.60 0.00	30.81 -0.89 0.00	37.02 -1.15 0.29	35.61 -1.28 1.90	31.21 -1.13 1.93	31.57 -1.08 0.00	31.25 -1.07 0.00	31.04 -1.06 0.00	31.49 -1.07 0.00	31.93 -1.09 0.00	31.19 -1.15 1.57	35.78 -1.35 0.27	40.65 -1.55 0.86	43.07 -1.44 1.90	43.35 -1.49 3.31	37.87 -1.29 1.15	32.83 -1.15 1.02	29.70 -0.92 0.00	24.71 -0.71 0.00
SITHE___MASSENA 23902	23.37 -0.55 0.00	22.11 -0.45 0.00	21.28 -0.39 0.00	20.49 -0.31 0.00	20.87 -0.30 0.00	24.64 -0.33 0.00	31.54 -0.16 0.00	38.31 -0.15 0.00	38.67 -0.12 0.00	34.13 -0.14 0.00	32.32 -0.33 0.00	31.90 -0.42 0.00	31.56 -0.55 0.00	32.08 -0.49 0.00	32.36 -0.66 0.00	33.20 -0.71 0.00	36.80 -0.60 0.00	42.67 -0.39 0.00	45.58 -0.83 0.00	47.24 -0.92 0.00	39.83 -0.48 0.00	34.47 -0.52 0.00	30.16 -0.46 0.00	25.12 -0.30 0.00
SITHE___OGDNSBRG 24021	23.47 -0.45 0.00	22.20 -0.36 0.00	21.35 -0.33 0.00	20.59 -0.21 0.00	20.98 -0.19 0.00	24.82 -0.15 0.00	31.89 0.19 0.00	38.69 0.23 0.00	39.02 0.23 0.00	34.34 0.07 0.00	32.45 -0.20 0.00	31.96 -0.36 0.00	31.56 -0.55 0.00	32.08 -0.49 0.00	32.26 -0.76 0.00	33.17 -0.75 0.00	36.76 -0.64 0.00	42.76 -0.30 0.00	45.76 -0.65 0.00	47.48 -0.67 0.00	40.03 -0.28 0.00	34.61 -0.38 0.00	30.25 -0.37 0.00	25.24 -0.18 0.00
SITHE___STERLING 23777	24.35 0.43 0.00	22.99 0.43 0.00	22.06 0.39 0.00	21.20 0.39 0.00	21.57 0.40 0.00	25.54 0.57 0.00	32.55 0.86 0.00	39.56 1.08 -0.02	39.83 0.93 -0.11	35.24 0.86 -0.11	33.36 0.72 0.00	33.00 0.68 0.00	32.78 0.68 0.00	33.25 0.68 0.00	33.68 0.66 0.00	34.72 0.71 -0.09	38.16 0.75 -0.02	43.93 0.82 -0.05	47.68 1.16 -0.11	49.65 1.30 -0.19	41.39 1.01 -0.07	35.86 0.81 -0.06	31.23 0.61 0.00	26.01 0.59 0.00
SLEIGHT__34_KV_TB1 80719	23.70 -0.22 0.00	22.52 -0.05 0.00	21.63 -0.04 0.00	20.61 -0.19 0.00	21.08 -0.08 0.00	25.22 0.25 0.00	32.11 0.41 0.00	38.85 0.38 0.00	38.55 -0.23 0.00	34.03 -0.24 0.00	32.35 -0.29 0.00	32.03 -0.29 0.00	31.85 -0.26 0.00	32.27 -0.29 0.00	32.71 -0.30 0.02	33.39 -0.51 0.02	36.45 -0.86 0.09	41.68 -0.95 0.44	46.22 -0.19 0.00	48.11 -0.05 0.00	39.97 -0.32 0.02	34.59 -0.38 0.02	30.65 0.03 0.00	25.83 0.41 0.00
SOUTH CAIRO___GT 23612	25.09 1.17 0.00	23.65 1.08 0.00	22.73 1.06 0.00	21.76 0.96 0.00	22.02 0.85 0.00	25.99 1.02 0.00	33.09 1.39 0.00	36.54 1.85 3.77	33.35 1.75 7.18	22.44 1.44 13.27	22.09 1.18 11.72	22.06 1.13 11.39	22.49 1.12 10.74	26.18 1.07 7.46	28.07 1.32 6.27	28.88 1.49 6.53	25.68 1.83 13.56	22.08 2.41 23.39	26.21 3.02 23.21	42.51 3.18 8.83	35.57 2.54 7.28	30.56 2.10 6.53	32.07 1.47 0.02	26.44 1.02 0.00
SOUTH HAMPTN___IC 23720	32.25 2.89 -5.43	25.00 2.44 0.00	23.95 2.27 0.00	22.88 2.08 0.00	23.29 2.12 0.00	27.31 2.35 0.00	35.11 3.14 -0.28	42.05 3.42 -0.17	42.08 3.29 0.00	37.11 2.84 0.00	37.00 3.10 -1.26	37.08 3.04 -1.72	36.14 2.99 -1.05	36.27 3.03 -0.67	36.41 3.24 -0.15	37.81 3.66 -0.23	41.86 4.45 -0.01	50.11 5.12 -1.93	56.75 5.57 -4.78	53.79 5.63 0.00	44.59 4.27 -0.01	40.09 3.61 -1.49	33.31 2.69 0.00	31.05 2.29 -3.34
SOUTHDOW_115KV_TB1 355954	23.42 -0.50 0.00	22.43 -0.14 0.00	21.63 -0.04 0.00	20.45 -0.35 0.00	21.06 -0.11 0.00	25.49 0.52 0.00	32.36 0.67 0.00	38.85 0.38 0.00	37.74 -1.05 0.00	33.24 -1.03 0.00	31.63 -1.01 0.00	31.12 -1.20 0.00	30.88 -1.22 0.00	31.39 -1.17 0.00	31.77 -1.22 0.03	32.70 -1.19 0.03	36.28 -0.97 0.15	41.13 -1.16 0.77	45.02 -1.39 0.00	47.00 -1.16 0.00	38.91 -1.37 0.03	33.64 -1.33 0.03	30.34 -0.28 0.00	26.31 0.89 0.00
SOUTHOLD_69_KV_BK 2 55809	32.38 3.04 -5.43	24.95 2.39 0.00	23.99 2.32 0.00	22.80 2.00 0.00	23.16 1.99 0.00	27.34 2.37 0.00	35.10 3.14 -0.27	41.67 3.04 -0.17	41.97 3.18 0.00	37.15 2.88 0.00	36.90 3.00 -1.25	36.97 2.94 -1.71	36.00 2.86 -1.04	36.19 2.96 -0.67	36.36 3.20 -0.14	38.00 3.87 -0.22	42.19 4.79 0.00	50.58 5.60 -1.92	57.17 5.99 -4.77	54.08 5.92 0.00	44.63 4.31 -0.01	40.16 3.67 -1.49	33.25 2.63 0.00	31.02 2.26 -3.33
SOUTHOLD___IC 23719	32.44 3.09 -5.43	25.16 2.59 0.00	24.10 2.43 0.00	23.03 2.23 0.00	23.39 2.22 0.00	27.41 2.45 0.00	35.20 3.23 -0.28	42.17 3.54 -0.17	42.12 3.34 0.00	37.11 2.84 0.00	36.94 3.04 -1.26	36.98 2.94 -1.72	36.01 2.86 -1.05	36.17 2.93 -0.67	36.37 3.20 -0.15	37.98 3.83 -0.23	42.27 4.86 -0.01	50.54 5.56 -1.93	57.13 5.94 -4.78	54.13 5.97 0.00	44.71 4.39 -0.01	40.13 3.64 -1.49	33.25 2.63 0.00	31.00 2.24 -3.34
SOUTH_FORK_WT_PWR 323839	32.39 3.04 -5.43	25.11 2.55 0.00	24.03 2.36 0.00	22.94 2.14 0.00	23.29 2.12 0.00	27.26 2.30 0.00	34.98 3.01 -0.28	41.86 3.23 -0.17	41.77 2.99 0.00	36.77 2.50 0.00	36.55 2.64 -1.26	36.59 2.55 -1.72	35.63 2.47 -1.05	35.75 2.51 -0.67	36.01 2.84 -0.15	37.78 3.63 -0.23	42.12 4.71 -0.01	50.37 5.38 -1.93	56.89 5.71 -4.78	53.79 5.63 0.00	44.35 4.03 -0.01	39.78 3.29 -1.49	32.94 2.33 0.00	30.75 1.98 -3.34
SPIERFLS_115KV_TB 1 80737	25.55 1.63 0.00	24.14 1.58 0.00	23.08 1.41 0.00	22.13 1.33 0.00	22.46 1.29 0.00	26.54 1.57 0.00	33.82 2.12 0.00	42.85 2.69 -1.70	44.52 2.60 -3.14	42.32 2.26 -5.79	39.79 2.02 -5.12	39.27 1.97 -4.97	38.78 1.99 -4.69	37.71 1.89 -3.26	37.80 2.05 -2.74	38.94 2.17 -2.85	45.64 2.32 -5.92	56.46 3.19 -10.21	60.26 3.71 -10.14	55.86 3.85 -3.85	46.47 2.98 -3.18	40.47 2.62 -2.85	32.71 2.08 -0.01	27.07 1.65 0.00
ST LAWRENCE____ 23600	23.25 -0.67 0.00	21.98 -0.59 0.00	21.15 -0.52 0.00	20.34 -0.46 0.00	20.75 -0.42 0.00	24.47 -0.50 0.00	31.25 -0.44 0.00	38.00 -0.46 0.00	38.40 -0.39 0.00	33.86 -0.41 0.00	32.15 -0.49 0.00	31.77 -0.55 0.00	31.46 -0.64 0.00	31.95 -0.62 0.00	32.26 -0.76 0.00	33.14 -0.78 0.00	36.69 -0.71 0.00	42.46 -0.60 0.00	45.39 -1.02 0.00	47.05 -1.11 0.00	39.62 -0.69 0.00	34.33 -0.67 0.00	30.04 -0.58 0.00	24.96 -0.46 0.00
STATE_CA_115KV_115_LB 55624	24.69 0.77 0.00	23.24 0.68 0.00	22.28 0.61 0.00	21.38 0.58 0.00	21.72 0.55 0.00	25.57 0.60 0.00	32.42 0.73 0.00	40.25 1.04 -0.75	41.20 1.05 -1.37	37.78 0.99 -2.52	35.82 0.95 -2.23	35.46 0.97 -2.17	35.14 1.00 -2.04	34.93 0.94 -1.42	35.23 1.02 -1.19	36.25 1.09 -1.24	41.10 1.12 -2.58	48.93 1.42 -4.45	52.49 1.67 -4.41	51.52 1.69 -1.68	42.98 1.29 -1.38	37.43 1.19 -1.24	31.51 0.89 0.00	26.01 0.58 0.00



STATE_ST_34_KV_LOAD 55959	23.80 -0.12 0.00	22.49 -0.07 0.00	21.63 -0.04 0.00	20.70 -0.10 0.00	21.11 -0.06 0.00	25.07 0.10 0.00	31.82 0.13 0.00	38.56 0.04 -0.06	38.97 -0.19 -0.38	34.48 -0.17 -0.38	32.45 -0.20 0.00	32.16 -0.16 0.00	31.94 -0.16 0.00	32.40 -0.16 0.00	32.81 -0.20 0.01	34.02 -0.20 -0.30	37.14 -0.26 0.00	42.60 -0.39 0.08	46.79 0.00 -0.38	48.81 0.00 -0.66	40.37 -0.16 -0.22	35.05 -0.14 -0.19	30.56 -0.06 0.00	25.45 0.03 0.00
STATION 5_MISC_HYD 23604	23.32 -0.60 0.00	22.16 -0.41 0.00	21.35 -0.32 0.00	20.24 -0.56 0.00	20.72 -0.45 0.00	24.94 -0.02 0.00	31.54 -0.16 0.00	37.96 -0.50 0.00	37.70 -1.09 0.00	33.34 -0.92 0.00	31.66 -0.98 0.00	31.38 -0.94 0.00	31.24 -0.87 0.00	31.75 -0.81 0.00	32.11 -0.89 0.02	32.71 -1.19 0.02	35.63 -1.68 0.09	40.78 -1.85 0.43	45.30 -1.11 0.00	47.14 -1.01 0.00	39.21 -1.09 0.02	33.93 -1.05 0.02	30.19 -0.43 0.00	25.60 0.18 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.70 -0.22 0.00	22.52 -0.05 0.00	21.65 -0.02 0.00	20.61 -0.19 0.00	21.11 -0.06 0.00	25.24 0.27 0.00	32.04 0.35 0.00	38.74 0.27 -0.01	38.50 -0.35 -0.06	34.02 -0.31 -0.07	32.28 -0.36 0.00	31.96 -0.36 0.00	31.75 -0.35 0.00	32.21 -0.36 0.00	32.64 -0.36 0.02	33.44 -0.51 -0.04	36.49 -0.82 0.09	41.76 -0.86 0.44	46.29 -0.19 -0.06	48.17 -0.10 -0.11	40.01 -0.32 -0.02	34.66 -0.35 -0.02	30.59 -0.03 0.00	25.75 0.33 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.37 -0.55 0.00	22.22 -0.34 0.00	21.37 -0.30 0.00	20.30 -0.50 0.00	20.81 -0.36 0.00	24.97 0.00 0.00	31.60 -0.10 0.00	38.16 -0.31 0.00	37.85 -0.93 0.00	33.44 -0.82 0.00	31.79 -0.85 0.00	31.48 -0.84 0.00	31.33 -0.77 0.00	31.75 -0.81 0.00	32.21 -0.79 0.02	32.82 -1.09 0.02	35.78 -1.53 0.09	40.95 -1.68 0.44	45.43 -0.97 0.00	47.29 -0.87 0.00	39.33 -0.97 0.02	34.07 -0.91 0.02	30.22 -0.40 0.00	25.55 0.13 0.00
STA_56___34_KV_BUS2 355983	23.37 -0.55 0.00	22.22 -0.34 0.00	21.37 -0.30 0.00	20.30 -0.50 0.00	20.81 -0.36 0.00	24.97 0.00 0.00	31.60 -0.10 0.00	38.16 -0.31 0.00	37.85 -0.93 0.00	33.44 -0.82 0.00	31.79 -0.85 0.00	31.48 -0.84 0.00	31.33 -0.77 0.00	31.75 -0.81 0.00	32.21 -0.79 0.02	32.82 -1.09 0.02	35.78 -1.53 0.09	40.95 -1.68 0.44	45.43 -0.97 0.00	47.29 -0.87 0.00	39.33 -0.97 0.02	34.07 -0.91 0.02	30.22 -0.40 0.00	25.55 0.13 0.00
STA_67___115KV_BK2 355882	23.27 -0.65 0.00	22.16 -0.41 0.00	21.30 -0.37 0.00	20.22 -0.58 0.00	20.75 -0.42 0.00	24.89 -0.07 0.00	31.47 -0.22 0.00	38.00 -0.46 0.00	37.66 -1.12 0.00	33.27 -0.99 0.00	31.63 -1.01 0.00	31.32 -1.00 0.00	31.17 -0.93 0.00	31.59 -0.98 0.00	32.05 -0.96 0.02	32.61 -1.29 0.02	35.56 -1.76 0.09	40.69 -1.94 0.43	45.20 -1.21 0.00	47.05 -1.11 0.00	39.12 -1.17 0.02	33.89 -1.08 0.02	30.13 -0.49 0.00	25.50 0.08 0.00
STA_7___115KV_9TRANS 80674	23.39 -0.53 0.00	22.27 -0.29 0.00	21.39 -0.28 0.00	20.32 -0.48 0.00	20.83 -0.34 0.00	25.02 0.05 0.00	31.66 -0.03 0.00	38.23 -0.23 0.00	37.89 -0.89 0.00	33.48 -0.79 0.00	31.83 -0.82 0.00	31.51 -0.81 0.00	31.36 -0.74 0.00	31.78 -0.78 0.00	32.24 -0.76 0.02	32.85 -1.05 0.02	35.78 -1.53 0.09	40.99 -1.64 0.43	45.53 -0.88 0.00	47.43 -0.72 0.00	39.41 -0.89 0.02	34.10 -0.87 0.02	30.28 -0.34 0.00	25.63 0.20 0.00
STA_82___115KV_TB1 80780	23.30 -0.62 0.00	22.16 -0.41 0.00	21.30 -0.37 0.00	20.22 -0.58 0.00	20.75 -0.42 0.00	24.92 -0.05 0.00	31.50 -0.19 0.00	38.00 -0.46 0.00	37.70 -1.09 0.00	33.27 -0.99 0.00	31.66 -0.98 0.00	31.35 -0.97 0.00	31.17 -0.93 0.00	31.59 -0.98 0.00	32.04 -0.96 0.02	32.65 -1.25 0.02	35.59 -1.72 0.09	40.73 -1.89 0.43	45.25 -1.16 0.00	47.10 -1.06 0.00	39.16 -1.13 0.02	33.93 -1.05 0.02	30.13 -0.49 0.00	25.50 0.08 0.00
STEEL___WIND 323596	22.87 -1.05 0.00	21.84 -0.72 0.00	21.11 -0.56 0.00	19.89 -0.91 0.00	20.43 -0.74 0.00	24.82 -0.15 0.00	31.22 -0.47 0.00	37.08 -1.38 0.00	36.42 -2.37 0.00	32.28 -1.99 0.00	30.69 -1.96 0.00	30.38 -1.94 0.00	30.18 -1.93 0.00	30.77 -1.79 0.00	31.05 -1.95 0.03	31.76 -2.14 0.03	35.07 -2.21 0.12	39.78 -2.63 0.65	43.81 -2.60 0.00	45.60 -2.55 0.00	37.82 -2.46 0.03	32.77 -2.20 0.03	29.61 -1.01 0.00	25.73 0.31 0.00
STEPHTWN_115KV_BK_2 55603	24.78 0.86 0.00	23.35 0.79 0.00	22.37 0.69 0.00	21.47 0.67 0.00	21.78 0.61 0.00	25.69 0.72 0.00	32.61 0.92 0.00	33.28 1.27 6.45	27.75 1.24 12.28	12.74 1.17 22.69	13.71 1.11 20.05	13.97 1.13 19.48	14.87 1.12 18.36	20.89 1.07 12.75	23.46 1.16 10.72	24.00 1.25 11.17	15.57 1.35 23.18	4.79 1.72 39.99	8.72 2.00 39.69	35.13 2.07 15.09	29.43 1.57 12.45	25.26 1.43 11.17	31.66 1.07 0.03	26.16 0.74 0.00
STEUBEN_REC_LFGE 323667	23.92 0.00 0.00	22.65 0.09 0.00	21.78 0.11 0.00	20.72 -0.08 0.00	21.34 0.17 0.00	25.59 0.62 0.00	32.71 1.01 0.00	39.09 0.62 -0.01	38.05 -0.81 -0.08	33.63 -0.72 -0.08	31.76 -0.88 0.00	31.25 -1.07 0.00	30.88 -1.22 0.00	31.20 -1.37 0.00	31.54 -1.39 0.09	32.84 -1.05 0.02	36.33 -0.60 0.48	40.00 -0.69 2.37	45.75 -0.74 -0.08	47.19 -1.11 -0.14	38.98 -1.29 0.04	33.48 -1.47 0.05	29.88 -0.73 0.00	25.63 0.20 0.00
STILLWATER___SOLAR 323814	25.38 1.46 0.00	23.94 1.38 0.00	22.91 1.23 0.00	21.97 1.16 0.00	22.31 1.14 0.00	26.29 1.32 0.00	33.41 1.71 0.00	42.71 2.23 -2.01	44.63 2.13 -3.71	42.97 1.85 -6.85	40.40 1.70 -6.06	39.88 1.68 -5.88	39.32 1.67 -5.54	38.04 1.63 -3.85	38.01 1.75 -3.24	39.16 1.86 -3.37	46.38 1.98 -7.00	57.77 2.63 -12.08	61.46 3.06 -11.99	55.89 3.18 -4.56	46.53 2.46 -3.76	40.54 2.17 -3.37	32.37 1.74 -0.01	26.77 1.35 0.00
STONY___BROOK 24151	31.89 2.53 -5.43	24.75 2.19 0.00	23.69 2.02 0.00	22.69 1.89 0.00	23.10 1.93 0.00	27.11 2.15 0.00	34.82 2.85 -0.28	41.71 3.08 -0.17	41.77 2.99 0.00	36.94 2.67 0.00	36.90 3.00 -1.26	37.04 3.01 -1.72	36.21 3.05 -1.05	36.33 3.10 -0.67	36.37 3.20 -0.15	37.50 3.36 -0.23	41.26 3.85 -0.01	49.38 4.39 -1.93	55.74 4.55 -4.78	52.83 4.67 0.00	44.15 3.83 -0.01	39.82 3.33 -1.49	33.28 2.66 0.00	31.00 2.24 -3.34
STURGEON_POOL_HYD 23609	25.31 1.39 0.00	23.71 1.15 0.00	22.76 1.08 0.00	21.82 1.02 0.00	22.14 0.97 0.00	25.94 0.97 0.00	33.03 1.33 0.00	39.27 1.65 0.85	38.90 1.75 1.63	32.83 1.58 3.01	31.71 1.73 2.66	31.51 1.78 2.58	31.53 1.86 2.43	32.80 1.92 1.69	33.58 1.98 1.42	34.47 2.04 1.48	36.68 2.36 3.07	40.21 2.45 5.30	43.88 2.74 5.26	49.00 2.84 2.00	40.84 2.18 1.65	35.47 1.96 1.48	32.08 1.47 0.00	26.51 1.09 0.00
ST_LAW_115_BK7_LBMP 345037	23.23 -0.69 0.00	21.95 -0.61 0.00	21.13 -0.54 0.00	20.32 -0.48 0.00	20.72 -0.45 0.00	24.44 -0.53 0.00	31.25 -0.44 0.00	37.96 -0.50 0.00	38.36 -0.43 0.00	33.86 -0.41 0.00	32.12 -0.52 0.00	31.71 -0.62 0.00	31.40 -0.71 0.00	31.91 -0.65 0.00	32.23 -0.79 0.00	33.10 -0.81 0.00	36.61 -0.79 0.00	42.42 -0.64 0.00	45.34 -1.07 0.00	47.00 -1.16 0.00	39.54 -0.77 0.00	34.30 -0.70 0.00	30.01 -0.61 0.00	24.94 -0.48 0.00



ST_LAW_115_BK8_LBMP 345038	23.23 -0.69 0.00	21.95 -0.61 0.00	21.13 -0.54 0.00	20.32 -0.48 0.00	20.72 -0.45 0.00	24.44 -0.53 0.00	31.25 -0.44 0.00	37.96 -0.50 0.00	38.36 -0.43 0.00	33.86 -0.41 0.00	32.12 -0.52 0.00	31.71 -0.62 0.00	31.40 -0.71 0.00	31.91 -0.65 0.00	32.23 -0.79 0.00	33.10 -0.81 0.00	36.61 -0.79 0.00	42.42 -0.64 0.00	45.34 -1.07 0.00	47.00 -1.16 0.00	39.54 -0.77 0.00	34.30 -0.70 0.00	30.01 -0.61 0.00	24.94 -0.48 0.00
ST_LAW_230_BK5_LBMP 345035	23.25 -0.67 0.00	21.98 -0.59 0.00	21.15 -0.52 0.00	20.34 -0.46 0.00	20.75 -0.42 0.00	24.47 -0.50 0.00	31.25 -0.44 0.00	38.00 -0.46 0.00	38.40 -0.39 0.00	33.86 -0.41 0.00	32.15 -0.49 0.00	31.77 -0.55 0.00	31.46 -0.64 0.00	31.95 -0.62 0.00	32.26 -0.76 0.00	33.14 -0.78 0.00	36.69 -0.71 0.00	42.46 -0.60 0.00	45.39 -1.02 0.00	47.05 -1.11 0.00	39.62 -0.69 0.00	34.33 -0.67 0.00	30.04 -0.58 0.00	24.96 -0.46 0.00
ST_LAW_230_BK6_LBMP 345036	23.25 -0.67 0.00	21.98 -0.59 0.00	21.15 -0.52 0.00	20.34 -0.46 0.00	20.75 -0.42 0.00	24.47 -0.50 0.00	31.25 -0.44 0.00	38.00 -0.46 0.00	38.40 -0.39 0.00	33.86 -0.41 0.00	32.15 -0.49 0.00	31.77 -0.55 0.00	31.46 -0.64 0.00	31.95 -0.62 0.00	32.26 -0.76 0.00	33.14 -0.78 0.00	36.69 -0.71 0.00	42.46 -0.60 0.00	45.39 -1.02 0.00	47.05 -1.11 0.00	39.62 -0.69 0.00	34.33 -0.67 0.00	30.04 -0.58 0.00	24.96 -0.46 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.21 1.29 0.00	23.65 1.08 0.00	22.65 0.98 0.00	21.72 0.92 0.00	22.06 0.89 0.00	25.89 0.92 0.00	32.96 1.27 0.00	39.89 1.42 0.00	40.30 1.51 0.00	35.64 1.37 0.00	34.11 1.47 0.00	33.81 1.49 0.00	33.68 1.57 0.00	34.16 1.60 0.00	34.67 1.65 0.00	35.61 1.70 0.00	39.38 1.98 0.00	45.17 2.11 0.00	48.82 2.41 0.00	50.66 2.50 0.00	42.16 1.85 0.00	36.68 1.68 0.00	31.93 1.32 0.00	26.46 1.04 0.00
SWANROAD_115KV_TB1 355699	22.08 -1.84 0.00	21.16 -1.40 0.00	20.37 -1.30 0.00	19.18 -1.62 0.00	19.79 -1.38 0.00	24.02 -0.95 0.00	30.14 -1.55 0.00	35.93 -2.54 0.00	35.30 -3.49 0.00	31.22 -3.05 0.00	29.74 -2.91 0.00	29.41 -2.91 0.00	29.25 -2.86 0.00	29.63 -2.93 0.00	30.06 -2.94 0.02	30.57 -3.32 0.02	33.38 -3.89 0.13	38.30 -4.18 0.58	42.23 -4.18 0.00	44.01 -4.14 0.00	36.58 -3.71 0.02	31.72 -3.25 0.02	28.69 -1.93 0.00	24.79 -0.64 0.00
SYNERGY___BIOGAS 323694	23.04 -0.88 0.00	21.98 -0.59 0.00	21.22 -0.46 0.00	20.01 -0.79 0.00	20.53 -0.63 0.00	24.94 -0.02 0.00	31.51 -0.19 0.00	37.77 -0.69 0.00	37.16 -1.63 0.00	32.83 -1.44 0.00	31.17 -1.47 0.00	30.87 -1.45 0.00	30.69 -1.41 0.00	31.23 -1.34 0.00	31.58 -1.42 0.02	32.17 -1.73 0.02	35.08 -2.21 0.11	40.34 -2.19 0.52	44.65 -1.76 0.00	46.57 -1.59 0.00	38.60 -1.69 0.02	33.40 -1.57 0.02	29.97 -0.64 0.00	25.78 0.36 0.00
SYRACUSE___ENERGY_ST1 323597	23.73 -0.19 0.00	22.43 -0.14 0.00	21.54 -0.13 0.00	20.66 -0.15 0.00	21.04 -0.13 0.00	24.92 -0.05 0.00	31.60 -0.10 0.00	38.37 -0.15 -0.06	38.82 -0.35 -0.38	34.35 -0.31 -0.39	32.35 -0.29 0.00	32.03 -0.29 0.00	31.81 -0.29 0.00	32.27 -0.29 0.00	32.72 -0.30 0.00	33.90 -0.34 -0.32	37.04 -0.41 -0.06	42.67 -0.56 -0.17	46.51 -0.28 -0.38	48.54 -0.29 -0.67	40.22 -0.32 -0.23	34.89 -0.31 -0.20	30.40 -0.21 0.00	25.29 -0.13 0.00
SYRACUSE___ENERGY_ST2 323598	23.73 -0.19 0.00	22.43 -0.14 0.00	21.54 -0.13 0.00	20.66 -0.15 0.00	21.04 -0.13 0.00	24.92 -0.05 0.00	31.60 -0.10 0.00	38.37 -0.15 -0.06	38.82 -0.35 -0.38	34.35 -0.31 -0.39	32.35 -0.29 0.00	32.03 -0.29 0.00	31.81 -0.29 0.00	32.27 -0.29 0.00	32.72 -0.30 0.00	33.90 -0.34 -0.32	37.04 -0.41 -0.06	42.67 -0.56 -0.17	46.51 -0.28 -0.38	48.54 -0.29 -0.67	40.22 -0.32 -0.23	34.89 -0.31 -0.20	30.40 -0.21 0.00	25.29 -0.13 0.00
SYRACUSE___POWER 24017	23.70 -0.22 0.00	22.40 -0.16 0.00	21.52 -0.15 0.00	20.63 -0.17 0.00	21.02 -0.15 0.00	24.89 -0.07 0.00	31.57 -0.13 0.00	38.35 -0.15 -0.04	38.68 -0.35 -0.25	34.21 -0.31 -0.25	32.35 -0.29 0.00	32.03 -0.29 0.00	31.81 -0.29 0.00	32.27 -0.29 0.00	32.72 -0.30 0.00	33.82 -0.31 -0.20	37.06 -0.37 -0.04	42.66 -0.52 -0.11	46.42 -0.23 -0.25	48.35 -0.24 -0.43	40.18 -0.28 -0.15	34.85 -0.28 -0.13	30.40 -0.21 0.00	25.32 -0.10 0.00
TALLMAN___138KV_BK151 55660	25.36 1.44 0.00	23.76 1.20 0.00	22.73 1.06 0.00	21.80 1.00 0.00	22.14 0.97 0.00	25.99 1.02 0.00	33.09 1.39 0.00	40.04 1.58 0.00	40.45 1.67 0.00	35.81 1.54 0.00	34.28 1.63 0.00	34.00 1.68 0.00	33.87 1.77 0.00	34.36 1.79 0.00	34.87 1.85 0.00	35.82 1.90 0.00	39.61 2.21 0.00	45.43 2.37 0.00	49.10 2.69 0.00	50.95 2.79 0.00	42.37 2.06 0.00	36.85 1.85 0.00	32.06 1.44 0.00	26.59 1.17 0.00
TEALLAVE_115KV_TB7 355573	23.63 -0.29 0.00	22.34 -0.23 0.00	21.48 -0.20 0.00	20.57 -0.23 0.00	20.96 -0.21 0.00	24.82 -0.15 0.00	31.47 -0.22 0.00	38.19 -0.31 -0.03	38.52 -0.47 -0.20	34.06 -0.41 -0.21	32.22 -0.42 0.00	31.93 -0.39 0.00	31.72 -0.39 0.00	32.17 -0.39 0.00	32.62 -0.40 0.00	33.65 -0.44 -0.17	36.91 -0.52 -0.03	42.46 -0.69 -0.09	46.15 -0.46 -0.20	48.08 -0.43 -0.36	39.95 -0.48 -0.12	34.69 -0.42 -0.11	30.31 -0.31 0.00	25.22 -0.20 0.00
TELGRAPH_34_KV_EAST 80808	22.68 -1.24 0.00	21.71 -0.86 0.00	20.89 -0.78 0.00	19.70 -1.10 0.00	20.32 -0.85 0.00	24.62 -0.35 0.00	31.00 -0.70 0.00	37.16 -1.31 0.00	36.50 -2.29 0.00	32.21 -2.06 0.00	30.68 -1.96 0.00	30.32 -2.00 0.00	30.14 -1.96 0.00	30.58 -1.99 0.00	31.02 -1.98 0.02	31.59 -2.31 0.02	34.44 -2.84 0.12	39.50 -3.01 0.55	43.72 -2.69 0.00	45.56 -2.60 0.00	37.83 -2.46 0.02	32.77 -2.20 0.02	29.48 -1.13 0.00	25.37 -0.05 0.00
TEMPLE___115KV_TB 2 55572	23.66 -0.26 0.00	22.36 -0.20 0.00	21.48 -0.20 0.00	20.57 -0.23 0.00	20.96 -0.21 0.00	24.82 -0.15 0.00	31.47 -0.22 0.00	38.23 -0.27 -0.03	38.52 -0.47 -0.20	34.06 -0.41 -0.21	32.25 -0.39 0.00	31.93 -0.39 0.00	31.75 -0.35 0.00	32.21 -0.36 0.00	32.62 -0.40 0.00	33.68 -0.41 -0.17	36.91 -0.52 -0.03	42.46 -0.69 -0.09	46.20 -0.42 -0.20	48.08 -0.43 -0.36	39.99 -0.44 -0.12	34.69 -0.42 -0.11	30.31 -0.31 0.00	25.24 -0.18 0.00
TIANA____69_KV_BK 1 55817	32.12 2.77 -5.43	24.75 2.19 0.00	23.77 2.10 0.00	22.65 1.85 0.00	23.03 1.86 0.00	27.21 2.25 0.00	34.97 3.01 -0.27	41.52 2.88 -0.17	41.89 3.10 0.00	37.15 2.88 0.00	37.00 3.10 -1.25	37.10 3.07 -1.71	36.16 3.02 -1.04	36.32 3.09 -0.67	36.43 3.27 -0.14	37.77 3.63 -0.22	41.74 4.34 0.00	50.06 5.08 -1.92	56.70 5.52 -4.77	53.69 5.54 0.00	44.51 4.19 -0.01	40.12 3.64 -1.49	33.31 2.69 0.00	31.09 2.34 -3.33
TILDEN___115KV_TB1 80814	23.70 -0.22 0.00	22.40 -0.16 0.00	21.52 -0.15 0.00	20.63 -0.17 0.00	21.02 -0.15 0.00	24.89 -0.07 0.00	31.57 -0.13 0.00	38.35 -0.15 -0.04	38.68 -0.35 -0.25	34.21 -0.31 -0.25	32.35 -0.29 0.00	32.03 -0.29 0.00	31.81 -0.29 0.00	32.27 -0.29 0.00	32.72 -0.30 0.00	33.82 -0.31 -0.20	37.06 -0.37 -0.04	42.66 -0.52 -0.11	46.42 -0.23 -0.25	48.35 -0.24 -0.43	40.18 -0.28 -0.15	34.85 -0.28 -0.13	30.40 -0.21 0.00	25.32 -0.10 0.00



TRIGEN___CC 323695	31.38 2.03 -5.43	24.25 1.69 0.00	23.23 1.56 0.00	22.22 1.41 0.00	22.61 1.44 0.00	26.61 1.65 0.00	34.18 2.22 -0.27	40.86 2.23 -0.17	41.19 2.40 0.00	36.60 2.33 0.00	36.47 2.58 -1.25	36.65 2.62 -1.71	35.81 2.66 -1.04	35.97 2.74 -0.67	35.93 2.77 -0.14	36.99 2.85 -0.22	40.54 3.14 0.00	48.46 3.49 -1.91	55.03 3.85 -4.76	52.11 3.95 0.00	43.33 3.02 0.00	39.25 2.76 -1.49	32.82 2.20 0.00	30.56 1.80 -3.33
TRINITY___115KV___4 BK 55933	24.64 0.72 0.00	23.19 0.63 0.00	22.26 0.59 0.00	21.34 0.54 0.00	21.68 0.51 0.00	25.52 0.55 0.00	32.33 0.63 0.00	38.20 0.92 1.18	37.42 0.93 2.30	30.91 0.89 4.25	29.77 0.88 3.75	29.58 0.90 3.65	29.57 0.90 3.44	31.06 0.88 2.39	31.97 0.96 2.01	32.81 0.98 2.09	34.15 1.08 4.34	36.87 1.29 7.48	40.51 1.53 7.43	46.87 1.54 2.82	39.15 1.17 2.33	33.99 1.08 2.09	31.41 0.80 0.01	25.93 0.51 0.00
UNION___PROCESSING_DRP 323587	23.30 -0.62 0.00	22.18 -0.38 0.00	21.30 -0.37 0.00	20.24 -0.56 0.00	20.75 -0.42 0.00	24.92 -0.05 0.00	31.50 -0.19 0.00	38.04 -0.42 0.00	37.70 -1.09 0.00	33.27 -0.99 0.00	31.66 -0.98 0.00	31.35 -0.97 0.00	31.17 -0.93 0.00	31.59 -0.98 0.00	32.04 -0.96 0.02	32.65 -1.25 0.02	35.59 -1.72 0.09	40.73 -1.89 0.43	45.25 -1.16 0.00	47.10 -1.06 0.00	39.16 -1.13 0.02	33.93 -1.05 0.02	30.16 -0.46 0.00	25.50 0.08 0.00
UPPER HUDSON___HYD 24058	25.55 1.63 0.00	24.14 1.58 0.00	23.08 1.41 0.00	22.13 1.33 0.00	22.46 1.29 0.00	26.51 1.55 0.00	33.82 2.12 0.00	42.85 2.69 -1.70	44.56 2.64 -3.14	42.32 2.26 -5.79	39.79 2.02 -5.12	39.27 1.97 -4.97	38.78 1.99 -4.69	37.71 1.89 -3.26	37.80 2.05 -2.74	38.97 2.20 -2.85	45.64 2.32 -5.92	56.46 3.19 -10.21	60.26 3.71 -10.14	55.91 3.90 -3.85	46.47 2.98 -3.18	40.44 2.59 -2.85	32.71 2.08 -0.01	27.07 1.65 0.00
UPPER RAQUET___HYD 24056	23.20 -0.72 0.00	21.95 -0.61 0.00	21.13 -0.54 0.00	20.39 -0.42 0.00	20.75 -0.42 0.00	24.54 -0.42 0.00	31.41 -0.29 0.00	38.01 -0.46 -0.01	38.39 -0.46 -0.07	33.85 -0.48 -0.07	31.92 -0.72 0.00	31.45 -0.87 0.00	31.07 -1.03 0.00	31.52 -1.04 0.00	31.63 -1.39 0.00	32.55 -1.42 -0.05	36.03 -1.38 -0.01	41.88 -1.21 -0.03	44.81 -1.67 -0.07	46.54 -1.73 -0.12	39.18 -1.17 -0.04	33.98 -1.05 -0.04	29.73 -0.89 0.00	24.89 -0.54 0.00
VALLEY44_115KV_TB2 355964	23.25 -0.67 0.00	22.20 -0.36 0.00	21.35 -0.33 0.00	20.18 -0.62 0.00	20.77 -0.40 0.00	25.02 0.05 0.00	31.63 -0.06 0.00	37.69 -0.77 0.00	36.69 -2.09 0.00	32.42 -1.85 0.00	30.85 -1.80 0.00	30.45 -1.87 0.00	30.21 -1.89 0.00	30.68 -1.89 0.00	31.07 -1.92 0.03	32.46 -1.42 0.03	36.43 -0.82 0.15	41.25 -1.03 0.77	44.09 -2.32 0.00	45.89 -2.26 0.00	38.02 -2.26 0.03	32.87 -2.10 0.03	29.55 -1.07 0.00	25.68 0.25 0.00
VALLEY___115KV_TB 1-4 80826	23.87 -0.05 0.00	22.54 -0.02 0.00	21.65 -0.02 0.00	20.82 0.02 0.00	21.17 0.00 0.00	24.92 -0.05 0.00	31.66 -0.03 0.00	38.43 -0.04 0.00	38.67 -0.12 0.00	34.20 -0.07 0.00	32.55 -0.10 0.00	32.19 -0.13 0.00	31.94 -0.16 0.00	32.34 -0.23 0.00	32.76 -0.26 0.00	33.61 -0.31 0.00	36.99 -0.41 0.00	42.63 -0.43 0.00	46.13 -0.28 0.00	47.92 -0.24 0.00	40.11 -0.20 0.00	34.82 -0.17 0.00	30.43 -0.18 0.00	25.27 -0.15 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.04 1.12 0.00	23.62 1.06 0.00	22.65 0.98 0.00	21.74 0.94 0.00	22.10 0.93 0.00	26.06 1.10 0.00	33.28 1.58 0.00	40.44 1.96 -0.01	40.76 1.90 -0.07	36.12 1.78 -0.07	34.28 1.63 0.00	33.90 1.58 0.00	33.71 1.61 0.00	34.19 1.63 0.00	34.68 1.65 -0.01	35.75 1.76 -0.07	39.39 1.91 -0.08	45.54 2.11 -0.37	48.98 2.51 -0.07	50.93 2.65 -0.12	42.46 2.10 -0.06	36.87 1.82 -0.05	32.03 1.41 0.00	26.62 1.19 0.00
VISCHER___FERRY HYD 24020	25.16 1.24 0.00	23.69 1.13 0.00	22.71 1.04 0.00	21.78 0.98 0.00	22.14 0.97 0.00	26.06 1.10 0.00	32.96 1.27 0.00	43.12 1.69 -2.96	45.91 1.67 -5.46	45.86 1.51 -10.08	42.99 1.43 -8.91	42.40 1.42 -8.66	41.71 1.45 -8.16	39.63 1.40 -5.67	39.27 1.49 -4.76	40.44 1.56 -4.97	49.42 1.72 -10.30	62.90 2.07 -17.77	66.46 2.41 -17.64	57.37 2.50 -6.71	47.78 1.93 -5.53	41.68 1.71 -4.97	32.01 1.38 -0.01	26.41 0.99 0.00
V_A_10_SYNC_DSASP 323832	22.68 -1.24 0.00	21.62 -0.95 0.00	20.85 -0.82 0.00	19.66 -1.14 0.00	20.17 -0.99 0.00	24.47 -0.50 0.00	30.75 -0.95 0.00	36.70 -1.77 0.00	36.30 -2.48 0.00	32.14 -2.12 0.00	30.59 -2.06 0.00	30.35 -1.97 0.00	30.14 -1.96 0.00	30.68 -1.89 0.00	30.99 -2.02 0.02	31.46 -2.44 0.02	34.20 -3.10 0.10	39.00 -3.57 0.49	43.58 -2.83 0.00	45.36 -2.79 0.00	37.71 -2.58 0.02	32.70 -2.27 0.02	29.39 -1.23 0.00	25.25 -0.18 0.00
V_CMM_10_SYNC_DSASP 323787	23.30 -0.62 0.00	22.02 -0.54 0.00	21.20 -0.48 0.00	20.41 -0.40 0.00	20.79 -0.38 0.00	24.54 -0.42 0.00	31.38 -0.32 0.00	38.15 -0.31 0.00	38.52 -0.27 0.00	33.99 -0.28 0.00	32.22 -0.43 0.00	31.84 -0.48 0.00	31.49 -0.61 0.00	32.04 -0.52 0.00	32.32 -0.69 0.00	33.20 -0.71 0.00	36.76 -0.64 0.00	42.59 -0.47 0.00	45.53 -0.88 0.00	47.14 -1.01 0.00	39.71 -0.60 0.00	34.40 -0.60 0.00	30.10 -0.52 0.00	25.04 -0.38 0.00
V_CMP_10_SYNC_DSASP 323788	22.77 -1.15 0.00	21.62 -0.95 0.00	20.94 -0.74 0.00	20.30 -0.50 0.00	20.81 -0.36 0.00	24.77 -0.20 0.00	32.33 0.63 0.00	39.46 1.00 0.00	39.68 0.89 0.00	34.75 0.48 0.00	32.61 -0.03 0.00	32.16 -0.16 0.00	31.65 -0.45 0.00	32.21 -0.36 0.00	32.36 -0.66 0.00	33.24 -0.68 0.00	37.21 -0.19 0.00	43.62 0.56 0.00	46.60 0.19 0.00	48.06 -0.10 0.00	40.63 0.32 0.00	34.89 -0.10 0.00	30.40 -0.21 0.00	25.37 -0.05 0.00
V_D_10_SYNC_DSASP 323841	23.37 -0.55 0.00	22.11 -0.45 0.00	21.28 -0.39 0.00	20.49 -0.31 0.00	20.87 -0.30 0.00	24.64 -0.33 0.00	31.54 -0.16 0.00	38.31 -0.15 0.00	38.67 -0.12 0.00	34.13 -0.14 0.00	32.32 -0.33 0.00	31.90 -0.42 0.00	31.56 -0.55 0.00	32.11 -0.46 0.00	32.36 -0.66 0.00	33.24 -0.68 0.00	36.80 -0.60 0.00	42.67 -0.39 0.00	45.58 -0.83 0.00	47.24 -0.92 0.00	39.83 -0.48 0.00	34.47 -0.52 0.00	30.19 -0.43 0.00	25.12 -0.30 0.00
V_E_10_SYNC_DSASP 323830	25.04 1.12 0.00	23.74 1.17 0.00	22.73 1.06 0.00	21.92 1.12 0.00	22.33 1.16 0.00	26.59 1.62 0.00	34.20 2.50 0.00	41.60 3.11 -0.02	41.59 2.67 -0.13	36.80 2.40 -0.14	34.63 1.99 0.00	34.19 1.87 0.00	33.93 1.83 0.00	34.45 1.89 0.00	34.93 1.85 -0.06	36.09 2.00 -0.17	40.02 2.28 -0.34	47.38 2.71 -1.61	50.07 3.53 -0.13	52.29 3.90 -0.23	43.51 3.06 -0.14	37.61 2.48 -0.13	32.55 1.93 0.00	27.20 1.78 0.00
V_F_30_NSYNC___DSASP 323816	25.38 1.46 0.00	23.94 1.38 0.00	22.93 1.26 0.00	21.99 1.19 0.00	22.33 1.16 0.00	26.31 1.35 0.00	33.44 1.74 0.00	42.57 2.23 -1.88	44.42 2.17 -3.47	42.55 1.88 -6.40	40.03 1.73 -5.66	39.50 1.68 -5.50	38.98 1.70 -5.18	37.82 1.66 -3.60	37.83 1.78 -3.02	38.97 1.90 -3.15	45.96 2.02 -6.54	56.97 2.63 -11.29	60.67 3.06 -11.20	55.64 3.23 -4.26	46.32 2.50 -3.51	40.32 2.17 -3.15	32.40 1.78 -0.01	26.79 1.37 0.00



V_F_30_SYNC_DSASP 323786	24.69 0.77 0.00	23.24 0.68 0.00	22.28 0.61 0.00	21.38 0.58 0.00	21.72 0.55 0.00	25.57 0.60 0.00	32.42 0.73 0.00	40.09 1.04 -0.59	40.89 1.05 -1.06	37.22 0.99 -1.96	35.32 0.95 -1.73	34.97 0.97 -1.68	34.65 0.96 -1.59	34.61 0.94 -1.10	34.97 1.02 -0.93	35.97 1.09 -0.96	40.52 1.12 -2.00	47.89 1.38 -3.45	51.51 1.67 -3.43	51.15 1.69 -1.30	42.68 1.29 -1.08	37.15 1.19 -0.96	31.51 0.89 0.00	26.01 0.58 0.00
V_XM_10_SYNC_DSASP 323789	22.77 -1.15 0.00	21.62 -0.95 0.00	20.94 -0.74 0.00	20.30 -0.50 0.00	20.81 -0.36 0.00	24.77 -0.20 0.00	32.33 0.63 0.00	39.46 1.00 0.00	39.68 0.89 0.00	34.75 0.48 0.00	32.61 -0.03 0.00	32.16 -0.16 0.00	31.65 -0.45 0.00	32.21 -0.36 0.00	32.36 -0.66 0.00	33.24 -0.68 0.00	37.21 -0.19 0.00	43.62 0.56 0.00	46.60 0.19 0.00	48.06 -0.10 0.00	40.63 0.32 0.00	34.89 -0.10 0.00	30.40 -0.21 0.00	25.37 -0.05 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.40 1.48 0.00	23.80 1.24 0.00	22.80 1.13 0.00	21.84 1.04 0.00	22.19 1.02 0.00	26.04 1.07 0.00	33.15 1.46 0.00	40.12 1.65 0.00	40.53 1.75 0.00	35.88 1.61 0.00	34.34 1.70 0.00	34.07 1.75 0.00	33.93 1.83 0.00	34.42 1.86 0.00	34.93 1.92 0.00	35.88 1.97 0.00	39.72 2.32 0.00	45.56 2.50 0.00	49.24 2.83 0.00	51.09 2.94 0.00	42.49 2.18 0.00	36.92 1.92 0.00	32.12 1.50 0.00	26.64 1.22 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.86 1.94 0.00	24.19 1.62 0.00	23.12 1.45 0.00	22.17 1.37 0.00	22.55 1.38 0.00	26.49 1.52 0.00	33.79 2.09 0.00	41.13 2.50 -0.17	41.42 2.64 0.00	36.63 2.36 0.00	35.12 2.48 0.00	34.87 2.55 0.00	34.73 2.63 0.00	35.24 2.67 0.00	35.76 2.74 0.00	36.70 2.78 0.00	40.51 3.10 0.00	46.46 3.40 0.00	50.12 3.71 0.00	52.01 3.85 0.00	43.17 2.86 0.00	37.62 2.62 0.00	32.70 2.08 0.00	27.10 1.68 0.00
W50THST__13_KV_LOAD 356117	25.88 1.96 0.00	24.19 1.62 0.00	23.12 1.45 0.00	22.19 1.39 0.00	22.57 1.40 0.00	26.51 1.55 0.00	33.82 2.12 0.00	41.17 2.54 -0.17	41.46 2.68 0.00	36.67 2.40 0.00	35.16 2.51 0.00	34.91 2.59 0.00	34.73 2.63 0.00	35.27 2.70 0.00	35.76 2.74 0.00	36.73 2.82 0.00	40.54 3.14 0.00	46.46 3.40 0.00	50.17 3.76 0.00	52.01 3.85 0.00	43.17 2.86 0.00	37.62 2.62 0.00	32.73 2.11 0.00	27.10 1.68 0.00
WADING RIVER_IC_1 23522	32.08 2.73 -5.43	24.84 2.28 0.00	23.80 2.13 0.00	22.76 1.95 0.00	23.18 2.01 0.00	27.19 2.22 0.00	34.95 2.98 -0.28	41.86 3.23 -0.17	41.89 3.10 0.00	36.97 2.71 0.00	36.87 2.97 -1.26	36.98 2.94 -1.72	36.08 2.92 -1.05	36.20 2.96 -0.67	36.31 3.14 -0.15	37.61 3.46 -0.23	41.56 4.15 -0.01	49.81 4.82 -1.93	56.39 5.20 -4.78	53.50 5.34 0.00	44.39 4.07 -0.01	39.99 3.50 -1.49	33.22 2.60 0.00	31.00 2.24 -3.34
WADING RIVER_IC_2 23547	32.08 2.73 -5.43	24.84 2.28 0.00	23.80 2.13 0.00	22.76 1.95 0.00	23.18 2.01 0.00	27.19 2.22 0.00	34.95 2.98 -0.28	41.86 3.23 -0.17	41.89 3.10 0.00	36.97 2.71 0.00	36.87 2.97 -1.26	36.98 2.94 -1.72	36.08 2.92 -1.05	36.20 2.96 -0.67	36.31 3.14 -0.15	37.61 3.46 -0.23	41.56 4.15 -0.01	49.81 4.82 -1.93	56.39 5.20 -4.78	53.50 5.34 0.00	44.39 4.07 -0.01	39.99 3.50 -1.49	33.22 2.60 0.00	31.00 2.24 -3.34
WADING RIVER_IC_3 23601	32.08 2.73 -5.43	24.84 2.28 0.00	23.80 2.13 0.00	22.76 1.95 0.00	23.18 2.01 0.00	27.19 2.22 0.00	34.95 2.98 -0.28	41.86 3.23 -0.17	41.89 3.10 0.00	36.97 2.71 0.00	36.87 2.97 -1.26	36.98 2.94 -1.72	36.08 2.92 -1.05	36.20 2.96 -0.67	36.31 3.14 -0.15	37.61 3.46 -0.23	41.56 4.15 -0.01	49.81 4.82 -1.93	56.39 5.20 -4.78	53.50 5.34 0.00	44.39 4.07 -0.01	39.99 3.50 -1.49	33.22 2.60 0.00	31.00 2.24 -3.34
WALDENNY_12_KV_BK2 80841	22.84 -1.08 0.00	21.84 -0.72 0.00	21.04 -0.63 0.00	19.84 -0.96 0.00	20.47 -0.70 0.00	24.79 -0.17 0.00	31.19 -0.51 0.00	37.27 -1.19 0.00	36.54 -2.25 0.00	32.28 -1.99 0.00	30.78 -1.86 0.00	30.41 -1.91 0.00	30.21 -1.89 0.00	30.68 -1.89 0.00	31.11 -1.88 0.03	31.82 -2.07 0.03	35.00 -2.28 0.12	39.75 -2.67 0.64	43.81 -2.60 0.00	45.60 -2.55 0.00	37.87 -2.42 0.03	32.80 -2.17 0.03	29.61 -1.01 0.00	25.60 0.18 0.00
WALDEN__HYDRO 24148	25.31 1.39 0.00	23.74 1.17 0.00	22.73 1.06 0.00	21.80 1.00 0.00	22.12 0.95 0.00	25.99 1.02 0.00	33.09 1.39 0.00	40.04 1.58 0.00	40.41 1.63 0.00	35.78 1.51 0.00	34.24 1.60 0.00	33.94 1.62 0.00	33.80 1.70 0.00	34.29 1.73 0.00	34.84 1.82 0.00	35.78 1.87 0.00	39.57 2.17 0.00	45.39 2.33 0.00	49.05 2.65 0.00	50.95 2.79 0.00	42.41 2.10 0.00	36.85 1.85 0.00	32.06 1.44 0.00	26.57 1.14 0.00
WARRENSBURG____ 23737	25.55 1.63 0.00	24.14 1.58 0.00	23.08 1.41 0.00	22.13 1.33 0.00	22.46 1.29 0.00	26.51 1.55 0.00	33.82 2.12 0.00	42.85 2.69 -1.70	44.56 2.64 -3.14	42.32 2.26 -5.79	39.79 2.02 -5.12	39.27 1.97 -4.97	38.78 1.99 -4.69	37.71 1.89 -3.26	37.80 2.05 -2.74	38.97 2.20 -2.85	45.64 2.32 -5.92	56.46 3.19 -10.21	60.26 3.71 -10.14	55.91 3.90 -3.85	46.47 2.98 -3.18	40.44 2.59 -2.85	32.71 2.08 -0.01	27.07 1.65 0.00
WATERSIDE____6 8 9 23538	25.91 1.99 -0.01	24.22 1.65 -0.01	23.15 1.47 -0.01	22.22 1.41 -0.01	22.60 1.42 -0.01	26.52 1.55 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.23 2.44 0.00	36.49 2.23 0.00	35.03 2.38 0.00	34.81 2.49 0.00	34.67 2.57 0.00	35.20 2.64 0.00	35.66 2.64 0.00	36.63 2.71 0.00	40.36 2.95 0.00	46.25 3.19 0.00	49.94 3.53 0.00	51.77 3.61 0.00	42.97 2.66 0.00	37.55 2.55 0.00	32.77 2.14 -0.01	27.13 1.70 -0.01
WATKINRD_115KV_LN8_ILLION 55919	23.97 0.05 0.00	22.61 0.05 0.00	21.72 0.04 0.00	20.86 0.06 0.00	21.21 0.04 0.00	24.99 0.02 0.00	31.73 0.03 0.00	38.54 0.08 0.00	38.79 0.00 0.00	34.30 0.03 0.00	32.68 0.03 0.00	32.32 0.00 0.00	32.10 0.00 0.00	32.53 -0.03 0.00	32.99 -0.03 0.00	33.85 -0.07 0.00	37.29 -0.11 0.00	42.93 -0.13 0.00	46.41 0.00 0.00	48.20 0.05 0.00	40.31 0.00 0.00	35.00 0.00 0.00	30.59 -0.03 0.00	25.40 -0.03 0.00
WATSON____69_KV_BK 1 55734	31.95 2.61 -5.43	24.71 2.14 0.00	23.71 2.04 0.00	22.61 1.81 0.00	22.99 1.82 0.00	27.16 2.20 0.00	34.94 2.98 -0.27	41.52 2.88 -0.17	41.89 3.10 0.00	37.25 2.98 0.00	37.13 3.23 -1.25	37.29 3.26 -1.71	36.45 3.31 -1.04	36.58 3.35 -0.67	36.63 3.47 -0.14	37.73 3.60 -0.22	41.51 4.11 0.00	49.67 4.69 -1.92	56.33 5.15 -4.77	53.41 5.25 0.00	44.38 4.07 0.00	40.12 3.64 -1.49	33.50 2.88 0.00	31.17 2.42 -3.33
WDELAWARE__HYD 323627	25.36 1.44 0.00	23.78 1.22 0.00	22.82 1.15 0.00	21.86 1.06 0.00	22.19 1.02 0.00	26.06 1.10 0.00	33.25 1.55 0.00	39.99 1.73 0.20	40.58 2.29 0.49	35.35 1.99 0.90	33.84 1.99 0.80	33.55 2.00 0.77	33.49 2.12 0.73	34.17 2.12 0.51	34.97 2.38 0.43	35.92 2.44 0.44	38.80 2.32 0.92	43.97 2.50 1.59	47.71 2.88 1.58	50.59 3.04 0.60	42.15 2.34 0.50	36.58 2.03 0.44	32.18 1.56 0.00	26.64 1.22 0.00



WEST BABYLON___IC 23714	31.81 2.46 -5.43	24.62 2.05 0.00	23.62 1.95 0.00	22.49 1.68 0.00	22.88 1.71 0.00	27.01 2.05 0.00	34.72 2.76 -0.27	41.29 2.65 -0.17	41.66 2.87 0.00	37.04 2.78 0.00	36.93 3.04 -1.25	37.10 3.07 -1.71	36.26 3.11 -1.04	36.42 3.19 -0.67	36.43 3.27 -0.14	37.53 3.39 -0.22	41.22 3.81 0.00	49.32 4.35 -1.91	55.91 4.73 -4.77	52.97 4.82 0.00	44.06 3.75 0.00	39.88 3.39 -1.49	33.37 2.76 0.00	31.04 2.29 -3.33
WEST CANADA___HYD 24049	24.04 0.12 0.00	22.68 0.11 0.00	21.76 0.09 0.00	20.91 0.10 0.00	21.25 0.09 0.00	25.07 0.10 0.00	31.79 0.10 0.00	38.58 0.12 0.00	38.90 0.12 0.00	34.37 0.10 0.00	32.77 0.13 0.00	32.45 0.13 0.00	32.23 0.13 0.00	32.70 0.13 0.00	33.15 0.13 0.00	34.05 0.14 0.00	37.51 0.11 0.00	43.19 0.13 0.00	46.60 0.19 0.00	48.40 0.24 0.00	40.47 0.16 0.00	35.14 0.14 0.00	30.74 0.12 0.00	25.50 0.08 0.00
WESTERN_NY_WIND 24143	22.99 -0.93 0.00	21.98 -0.59 0.00	21.15 -0.52 0.00	19.97 -0.83 0.00	20.58 -0.59 0.00	24.89 -0.07 0.00	31.47 -0.22 0.00	37.85 -0.62 0.00	37.16 -1.63 0.00	32.76 -1.51 0.00	31.14 -1.50 0.00	30.77 -1.55 0.00	30.63 -1.48 0.00	31.03 -1.53 0.00	31.51 -1.49 0.02	32.10 -1.80 0.02	35.00 -2.28 0.12	40.20 -2.33 0.53	44.55 -1.86 0.00	46.47 -1.69 0.00	38.56 -1.73 0.02	33.37 -1.61 0.02	29.91 -0.70 0.00	25.65 0.23 0.00
WESTOVER___LESR 323668	23.99 0.07 0.00	22.70 0.14 0.00	21.82 0.15 0.00	20.84 0.04 0.00	21.28 0.11 0.00	25.24 0.27 0.00	32.01 0.32 0.00	38.79 0.31 -0.02	39.12 0.19 -0.14	34.58 0.17 -0.14	32.81 0.16 0.00	32.48 0.16 0.00	32.30 0.19 0.00	32.76 0.20 0.00	33.19 0.17 -0.01	34.28 0.24 -0.13	37.81 0.34 -0.07	43.66 0.30 -0.30	47.01 0.46 -0.14	48.93 0.53 -0.24	40.69 0.28 -0.09	35.33 0.24 -0.08	30.92 0.31 0.00	25.83 0.41 0.00
WETHRSFD_WT_PWR 323626	22.89 -1.03 0.00	21.82 -0.74 0.00	21.09 -0.58 0.00	19.91 -0.89 0.00	20.43 -0.74 0.00	24.69 -0.27 0.00	30.71 -0.98 0.00	36.42 -2.04 0.00	35.80 -2.99 0.00	31.66 -2.61 0.00	30.10 -2.55 0.00	29.77 -2.55 0.00	29.53 -2.57 0.00	29.99 -2.57 0.00	30.34 -2.64 0.03	31.07 -2.81 0.03	34.31 -2.92 0.17	38.83 -3.36 0.87	43.77 -2.64 0.00	45.51 -2.65 0.00	37.78 -2.50 0.03	32.72 -2.24 0.03	29.49 -1.13 0.00	25.50 0.08 0.00
WHAVSTOR_138KV_BK127 55557	25.33 1.41 0.00	23.74 1.17 0.00	22.71 1.04 0.00	21.78 0.98 0.00	22.12 0.95 0.00	25.96 1.00 0.00	33.06 1.36 0.00	40.00 1.54 0.00	40.41 1.63 0.00	35.78 1.51 0.00	34.24 1.60 0.00	33.97 1.65 0.00	33.84 1.73 0.00	34.32 1.76 0.00	34.80 1.78 0.00	35.75 1.83 0.00	39.57 2.17 0.00	45.39 2.33 0.00	49.01 2.60 0.00	50.85 2.70 0.00	42.29 1.98 0.00	36.82 1.82 0.00	32.03 1.41 0.00	26.57 1.14 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.33 1.41 0.00	23.74 1.17 0.00	22.71 1.04 0.00	21.78 0.98 0.00	22.12 0.95 0.00	25.96 1.00 0.00	33.06 1.36 0.00	40.00 1.54 0.00	40.41 1.63 0.00	35.78 1.51 0.00	34.24 1.60 0.00	33.97 1.65 0.00	33.84 1.73 0.00	34.32 1.76 0.00	34.80 1.78 0.00	35.75 1.83 0.00	39.57 2.17 0.00	45.39 2.33 0.00	49.01 2.60 0.00	50.85 2.70 0.00	42.29 1.98 0.00	36.82 1.82 0.00	32.03 1.41 0.00	26.57 1.14 0.00
WHITEHAL_115KV_TB1 80871	25.98 2.06 0.00	24.57 2.01 0.00	23.45 1.78 0.00	22.47 1.66 0.00	22.80 1.63 0.00	27.01 2.05 0.00	34.48 2.79 0.00	43.76 3.50 -1.80	45.48 3.37 -3.32	43.31 2.91 -6.13	40.61 2.55 -5.42	40.07 2.49 -5.27	39.57 2.50 -4.96	38.39 2.38 -3.45	38.49 2.58 -2.90	39.68 2.75 -3.02	46.55 2.88 -6.27	57.92 4.05 -10.81	61.92 4.78 -10.73	57.25 5.01 -4.08	47.51 3.83 -3.37	41.38 3.36 -3.02	33.29 2.66 -0.01	27.58 2.16 0.00
WHITEPLN_13_KV_LOAD 356215	25.81 1.89 0.00	24.16 1.60 0.00	23.10 1.43 0.00	22.15 1.35 0.00	22.52 1.35 0.00	26.44 1.47 0.00	33.69 2.00 0.00	41.06 2.42 -0.17	41.35 2.56 0.00	36.53 2.26 0.00	35.03 2.38 0.00	34.78 2.46 0.00	34.61 2.50 0.00	35.11 2.54 0.00	35.63 2.61 0.00	36.60 2.68 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	43.09 2.78 0.00	37.55 2.55 0.00	32.64 2.02 0.00	27.02 1.60 0.00
WM_FLOYD_69_KV_BK2 356380	31.93 2.58 -5.43	24.59 2.03 0.00	23.62 1.95 0.00	22.51 1.71 0.00	22.91 1.74 0.00	27.06 2.10 0.00	34.81 2.85 -0.27	41.32 2.69 -0.17	41.66 2.87 0.00	37.01 2.74 0.00	36.83 2.94 -1.25	36.97 2.94 -1.71	36.07 2.92 -1.04	36.23 3.00 -0.67	36.30 3.14 -0.14	37.53 3.39 -0.22	41.40 4.00 0.00	49.63 4.65 -1.92	56.24 5.06 -4.77	53.26 5.10 0.00	44.23 3.91 -0.01	39.95 3.46 -1.49	33.22 2.60 0.00	31.02 2.26 -3.33
WOODARD___115KV_TB2 355635	23.61 -0.31 0.00	22.31 -0.25 0.00	21.43 -0.24 0.00	20.55 -0.25 0.00	20.92 -0.25 0.00	24.77 -0.20 0.00	31.41 -0.29 0.00	38.12 -0.38 -0.04	38.52 -0.54 -0.27	34.03 -0.51 -0.28	32.15 -0.49 0.00	31.87 -0.45 0.00	31.65 -0.45 0.00	32.11 -0.46 0.00	32.56 -0.46 0.00	33.64 -0.51 -0.23	36.84 -0.60 -0.04	42.41 -0.78 -0.12	46.13 -0.56 -0.27	48.10 -0.53 -0.48	39.91 -0.56 -0.17	34.65 -0.49 -0.15	30.25 -0.37 0.00	25.17 -0.25 0.00
YORK___WARBASSE 23770	25.94 2.01 -0.01	24.24 1.67 -0.01	23.18 1.50 -0.01	22.24 1.44 -0.01	22.60 1.42 -0.01	26.55 1.57 -0.01	33.79 2.09 0.00	40.98 2.35 -0.17	41.27 2.48 0.00	36.53 2.26 0.00	35.06 2.42 0.00	34.84 2.52 0.00	34.67 2.57 0.00	35.24 2.67 0.00	35.69 2.67 0.00	36.66 2.75 0.00	40.39 2.99 0.00	46.29 3.23 0.00	49.98 3.57 0.00	51.86 3.71 0.00	42.97 2.66 0.00	37.59 2.59 0.00	32.80 2.17 -0.01	27.18 1.75 -0.01